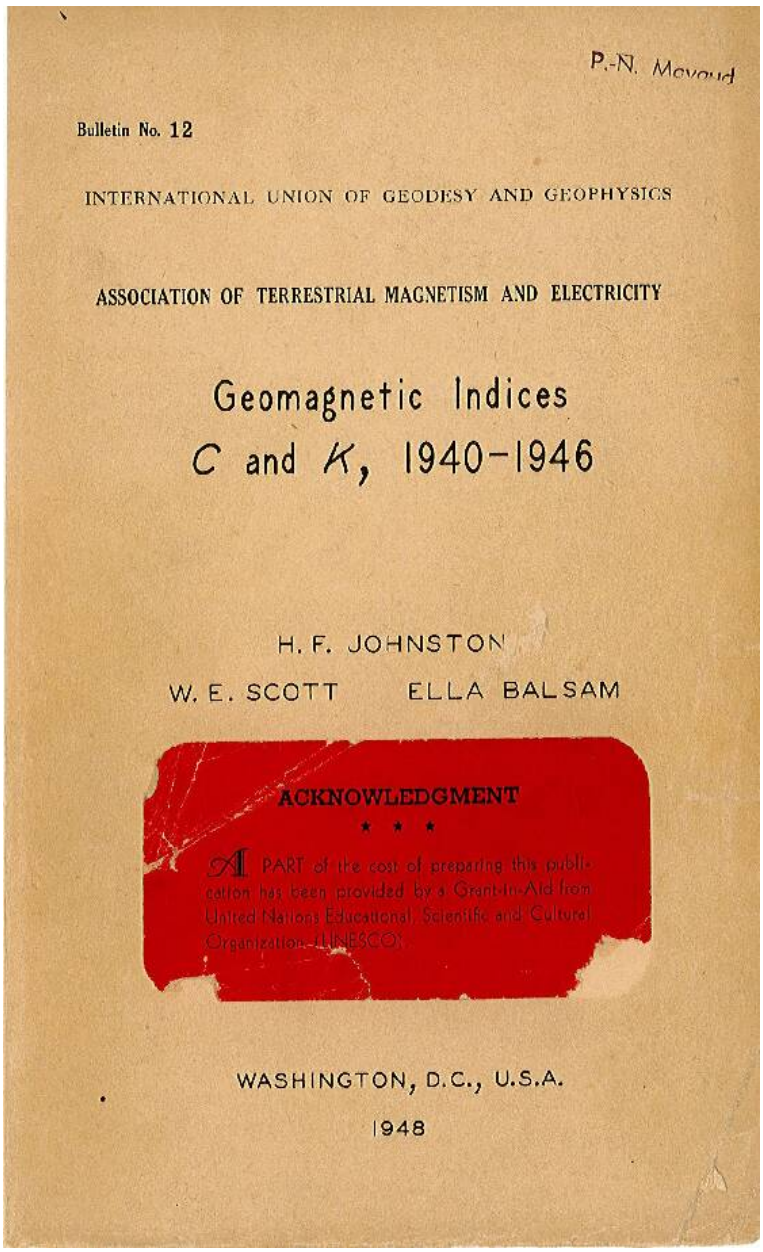

How to cite:

Johnston, H. F., Scott, W. E., Balsam, E., & IAGA (1948). *IATME Bulletin No. 12, Geomagnetic Indices C and K, 1940-1946.* IUGG. https://doi.org/10.25577/07qa-5q15

P.-N. Mayaud

Bulletin No. 12

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

ASSOCIATION OF TERRESTRIAL MAGNETISM AND ELECTRICITY

Geomagnetic Indices C and K, 1940–1946

H. F. JOHNSTON

W. E. SCOTT ELLA BALSAM

ACKNOWLEDGMENT

* * *

A PART of the cost of preparing this publication has been provided by a Grant-in-Aid from United Nations Educational, Scientific and Cultural Organization (UNESCO).

WASHINGTON, D.C., U.S.A.

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PREFACE

The need of a quantitative measure of geomagnetic activity is important, particularly in investigations on correlations. The magnetic character-figure C, on the scale of 0, 1, and 2, has served well for general purposes, but, because of the rapidly growing requirements, especially in ionospheric correlations, has proved somewhat inadequate.

At the Assembly of the International Association of Terrestrial Magnetism and Electricity held in Washington in 1939, the Association adopted a Resolution and urged cooperation on the part of all magnetic observatories to try out a more quantitative measure of activity to characterize the variation in the degree of irregular magnetic activity throughout each day, especially in order to meet the requests made by the International Union of Scientific Radiotelegraphy and other bodies for information concerning the magnetic activity more detailed than the daily magnetic character-figures. The new measure, based upon work done at the Potsdam Magnetic Observatory, is the so-called three-hour-range index K. The Resolution indicated that this trial-scheme should be made for the three years 1940 to 1942. A Committee on Three-Hour-Range Indices was duly appointed to organize the provision of this measure of activity with special regard to speedy publication. Dr. Bartels was designated as Chairman of the Committee, the other members being Messrs. van Dijk, Egedal, McNish, Stagg, and Sucksdorff. The death of Dr. van Dijk, who had charge of the publication of the character-figures C and of the K-indices, and the interruption occasioned by World War II have prohibited communication of data from many observatories as well as publication since 1940. Meanwhile, data for both measures have been received and there has been an increasing desire on the part of all observatories to compile the material. Since the end of the war, many data not heretofore available have been supplied. The general usefulness of the K-index was so universally recognized during the original trial-period of 1940 to 1942 that the cooperating observatories have continued to compile and supply the material since 1943.

The Department of Terrestrial Magnetism of the Carnegie Institution of Washington voluntarily assumed the responsibility of compiling the values received from the various observatories beginning in 1940. This work was done under the enthusiastic direction of Mr. H. F. Johnston, who continued as a member of the Department's staff until June 30, 1946, and since that time as a member of the staff of the United States Coast and Geodetic Survey. With the authority of the Chief of the Division of Geomagnetism and Seismology of that Survey, he has continued the necessary compilations. Mr. Walter E. Scott and Miss Ella Balsam of the Department of Terrestrial Magnetism have also taken active part since 1940.

The Executive Committee of the Association early in 1948 considered what might be done to publish the data for the years from 1940 to 1946 and, if possible, through 1947. That Committee was unanimous in the opinion that study and discussions of measures of magnetic activity are of such vital importance to geomagnetic research that all the material should be prepared and presented as Bulletin No. 12 of the publications of the Association. To that end, a special allotment of $1,000 was authorized, in addition to any available balances from past allotments, to cover the cost of preparing tabulations and publication. It is to be recalled that the data have been assembled by many observatories and have involved an immense amount of labor and time. It would be quite unfair, therefore, to all of those who have taken part, both in the observatories and at organizations utilizing the material, not to have this long and valuable series published.

The untiring support of Messrs. Johnston and Scott and Miss Balsam has made possible presentation of the material for the seven years from 1940 to 1946 in the following pages; in this laborious task they have had much assistance from Mr. W. C. Hendrix, Draftsman of the Department of Terrestrial Magnetism. All geomagneticians must be grateful for these services so generously contributed, and for the authority of the executive officers of the United States Coast and Geodetic Survey and the Department of Terrestrial Magnetism in furthering this task. At the time of printing (in May of 1948) all of the material for the year 1947 had not yet been received; it is therefore contemplated that when that material is received a supplementary Bulletin will be prepared. The present Bulletin should serve a most useful purpose in permitting more extended statistical discussions and comparisons of the respective measures, as well as to lay the ground work for consideration by the Association in its Assembly at Oslo as to future procedures and recommendations.

Jno. A. Fleming, President,
International Association of Terrestrial Magnetism and Electricity

GEOMAGNETIC INDICES, C AND K, 1940-46

INTRODUCTION

Historical background--Disturbances in the Earth's magnetic field have intrigued men's minds for more than two centuries. Graham discovered in 1719 that the compass-needle varied as much as half a degree in a few hours, while Hiorter in 1741 first noted a conspicuous instance of the association of magnetic disturbance and the aurora. Later, observation revealed the intimate connection between magnetic disturbance and such phenomena as solar activity, earth-currents, atmospherics, and interruptions to transmission by radio. The storm of September 1, 1859, amounted to four per cent of the Earth's magnetic field, while the great one of April 16, 1938, which interfered greatly with power-transmission, affected the Earth's magnetic field by one-tenth of its value.

Origin of characters--In the year 1906, the need for a numerical representation of the activity of the Earth's field led some 30 magnetic observatories to cooperate by assigning to each day one of three characters, namely: "0" for quiet days, "1" for moderately disturbed, and "2" for seriously-disturbed days. While this characterization was crude, the average of the 30 independent estimates for each day afforded a valuable guide to the daily activity. The tabulation, undertaken in the beginning by the International Commission of Terrestrial Magnetism and later carried on by the Association of Terrestrial Magnetism and Electricity of the International Union of Geodesy and Geophysics, has supplied character-figures from 1884 to the present. The assembling of these data affords a striking example of the internationalism of science, where the success of such an undertaking is contingent upon cordial cooperation from the staffs of magnetic observatories. Grateful acknowledgment is made to the many collaborators at world magnetic observatories.

Contents of this volume--It contains magnetic character-figures, C, and three-hour-range indices, K, for the period 1940-46. The magnetic character-figures, C, may be said to indicate the aggregate of magnetic activity for a day. On the other hand, the K-indices, giving a measured but concise record at three-hour intervals, form a method of differentiating parts of days or days. The rule for evaluation of K's is inflexible, thus making possible the comparison of magnetic activity over the years.

Uses of data--K-indices provide reliable information regarding magnetic conditions over short intervals, helpful warnings of radio disturbances to broadcasting stations and communication-organizations, and advice to geophysical prospectors. They have proved of considerable aid in the study of cosmical correlations of the Earth's magnetic and electrical fields, especially in connection with the prediction of electrical conditions in the ionosphere.

INTERNATIONAL CHARACTER-FIGURES, C

General--Following the outbreak of the second World War, the Department of Terrestrial Magnetism undertook the service of compiling daily character-figures, C, on a scale of 0-1-2, and three-hour-range indices K on a scale of 0 to 9. During the war-years, great assistance was given by Dr. G. Swoboda, Secretary of the International Meteorological Organization, at Lausanne, Switzerland.

Contributing observatories--During the period 1940-46 tabulations have been received from 67 observatories, as follows: Abinger, Abisko, Agincourt, Alibag, Amberley, Antipolo, Apia, Au-Tau, Bay Tikhaya, Cape Chelyuskin, Cape Town (replaced by Hermanus), Chambon-la-Forêt, Cheltenham, Coimbra, Dehra Dun, Dickson, Dombås, Dusheti, Ebro, Elisabethville, Eskdalemuir, Furstenfeldbruck, Helwan, Honolulu, Huancayo, Janów, Kakioka, Keles, Krasnaya, Pakhra, Ksara, Kuyper, Lerwick, Lovö, Mai-tun, Manhay, Matochkin Shar, Meanook, Nantes, Niemegk, Nizhnedevitsk, O'Gyalla, Pilar, Rude Skov, San Fernando, San Juan, San Miguel, Sitka, Slutsk, Sodankylä, Srednikan, Stepanovka, Stonyhurst, Tamanrasset, Teoloyucan, Tiksy, Toolangi, Tromsö, Tucson, Vassouras, Vyssokaya Dubrava, Watheroo, Wellen, Witteveen, Yakutsk, Zaimishche, Zô-Sè, and Zuy. Stations contributing for the first time are Tiksy, Dombås, Krasnaya Pakhra, Janów, Fürstenfeldbruck, O'Gyalla, Tamanrasset, Teoloyucan, Elisabethville, and Vassouras. Vassouras, however, began reporting in 1939. Wingst very recently sent characters beginning with 1939.

TABLE A—ALPHABETICAL LIST OF MAGNETIC OBSERVATORIES WITH ABBREVIATIONS AND LATITUDES

Observatory	Ab-brev.	Lat.*	Observatory	Ab-brev.	Lat.*	Observatory	Ab-brev.	Lat.*
		° '			° '			° '
Abinger	Ab	+51 11	Hermanus	Hr	-34 25	San Fernando	SF	+36 28
Abisko	Ai	+68 21	Honolulu	Ho	+21 19	San Juan	SJ	+18 23
Agincourt	Ag	+43 47	Huancayo	Hu	-12 03	San Miguel	SM	+37 46
Alibag	Al	+18 38				Seltsy	Se	(+59.9)
Amberley	Am	-43 10	Ivigtut	Iv	+61 12	Sitka	Si	+57 03
Antipolo	An	+14 36				Slutsk	Sl	+59 41
Apia	Ap	-13 48	Jánow	Ja	+49 54	Sodankylä	So	+67 22
Auhof	Au	+48 13				Srednikan	Sr	+62 26
Au-Tau	AT	+22 27	Kakioka	Ka	+36 14	Stepanovka	St	+46 47
			Keles	Ke	+41 25	Stonyhurst	Sy	+53 51
Bay Tikhaya	BT	+80 20	Koenigsberg	Ko	+54 50	Surlari	Su	+44 41
Bochum	Bo	+51 29	Krasnaya Pakhra	KP	+55 27	Swider	Sw	+52 07
			Ksara	Ks	+33 49			
Cape Chelyuskin	CC	+77 17	Kuyper	Ku	- 6 02	Tamanrasset	Ta	+22 48
Cape Town	CT	-33 57				Tananarive	Tn	-18 55
Castellaccio	Ca	+44 26	La Quiaca	LQ	-22 07	Teoloyucan	Te	+19 45
Chambon-la-Forêt	CF	+48 01	Laurie Island	LI	-60 43	Thule	Th	+76 32
Cheltenham	Ch	+38 44	Lerwick	Le	+60 08	Tiksy	Ti	+71 48
Coimbra	Ci	+40 12	Lovö	Lo	+59 21	Toolangi	To	-37 32
College	Co	+64 52				Toyohara	Ty	+46 57
			Mai-tun	Mt	+43 15	Tromsö	Tr	+69 40
Dehra Dun	DD	+30 19	Manhay	Ma	+50 18	Tucson	Tu	+32 15
Dickson	Di	+73 30	Matochkin Shar	MS	+73 16			
Dombås	Do	+62 05	Mauritius	Mu	-20 06	Valencia	Vl	+51 56
Dusheti	Du	+42 05	Meanook	Me	+54 37	Vassouras	Va	-22 24
						Vyssokaya Dubrava	VD	+56 44
Ebro	Eb	+40 49	Nantes	Na	+47 15			
Elisabethville	El	-11 40	Niemegk	Ni	+52 04	Watheroo	Wa	-30 19
Eskdalemuir	Es	+55 19	Nizhnedevitsk	Nz	+51 31	Wellen	We	+66 10
						Wingst	Wn	+53 45
Fürstenfeldbruck	Fu	+48 10	O'Gyalla	OG	+47 52	Witteveen	Wi	+52 49
Godhavn	Go	+69 14	Pilar	Pi	-31 40	Yakutsk	Ya	+62 01
Heard Island	HI	-53 06	Regensberg	Re	+47 29	Zaimishche	Za	+55 50
Hel	Hl	+54 37	Rude Skov	RS	+55 51	Zô-Sè	ZS	+31 06
Helwan	He	+29 52				Zuy	Zy	+52 28

* North latitudes considered positive, south latitudes negative.

Alphabetical list--An alphabetical list of eighty-nine magnetic observatories is given in Table A. In order to save expense in publication, the planographic method being used, page-limitations made it necessary to abbreviate the names of observatories to two letters. The list of eighty-nine magnetic observatories contains their names, abbreviations, and geographic latitudes, which are shown in order that the placement of each observatory in the table arranged according to geographic latitude may be quickly obtained. Additional observatories, over those mentioned in the previous paragraph, are Koenigsberg, Hel, Swider, Bochum, Auhof, and Regensberg, which contributed characters during the year 1939.

List by geographic latitude--The list of magnetic observatories which have contributed or are potential contributors is shown in Table B. This table, arranged according to geographic latitude, shows the abbreviation for each observatory, the name of the observatory, the name of the collaborator, geographic latitude and longitude, and brief remarks. As mentioned above, the numbers from Wingst were received lately, the collaborator there being F. Errulat, and the latitude is +53° 45′ and longitude 9° 04′E. Heard Island has also been included, though at the time of writing it is not known whether more than absolute observations will be obtained at this station. The abbreviation for the magnetic observatory at Cape Chelyuskin has been designated as "CC"; however, it should be noted that the position is 27′ south of the point of land called Cape Chelyuskin and the abbreviation used by the Institute of Terrestrial Magnetism, Hydrometeorological Service, Moscow, is "Che."

Graphic diagram, C--Since the characters from individual observatories cover so many years, it was considered advisable to follow the previous admirable practice of presenting a graphic diagram to show the collaboration of magnetic observatories during the period 1939-47. It will be recalled that such a diagram was shown in the "Caractère Magnétique" for the years 1916, 1927, and 1938. This diagram is shown as Figure 1, but it should be noted that at the time of writing, the record for the year 1947 was incomplete. As mentioned previously, it should be noted that Wingst contributed during the complete period covered by the figure. Hermanus replaced Cape Town in 1941, and Seltsy will replace Slutsk which was destroyed in 1941.

Individual values--The daily character-figures received from individual observatories have been assembled and are published herewith in Table 1. Those received after the completion of Table 1 have been tabulated in Table 1a. Since the abbreviations for observatories have been given in Table A, it has been considered that it is unnecessary to print more than the abbreviation for each observatory in Table 1.

International numbers, C--The mean daily (international) character-figure, C, was determined by averaging the reports of the observatories that appear in Table 1, the figure for each day being obtained by dividing the sum by the number of observatories contributing for that day. These international character-figures, C, are published as Table 2. The means for the years 1940 to 1946 are, respectively, 0.73, 0.70, 0.65, 0.71, 0.53, 0.47, and 0.61. They show that the minimum year for the present sunspot-cycle was 1945.

Selected days--The selection of the five quiet and five disturbed days was continued. Those for the years 1940 and 1941 were chosen by J. Bartels; however, following that year, these days have been selected in accordance with the method outlined on pages 219-227 in the December 1943 issue of the Journal of Terrestrial Magnetism and Atmospheric Electricity. They were selected as soon as a sufficient number of observatories had reported, usually in excess of 25 observatories for the reports of magnetic character on a scale of 0-1-2 and from more than 20 observatories reporting K-indices. It should be noted that beginning with 1947 the criterion of daily indices B, based on the actual ranges of K_A from seven American-operated observatories, are no longer available, and the selection for the year 1947 depends only upon international daily character-numbers C, the daily sums of K_W, the greatest K_W for each day, and the sum of the squares of the K_W's for each day. The selected days are given in Table 3, and in addition the ten quietest days in each month. This selection of ten days has proved of use in other geophysical fields. The number of days selected for reproduction of magnetograms has purposely been kept at a minimum, it being considered that more days should be selected during stormy years when geomagnetic activity is greater.

TABLE B—LIST OF MAGNETIC OBSERVATORIES (Arranged according to geographic latitude)

Abbrev.	Observatory	Collaborator	Lat.*	Long. (East)	Notes
			° ′	° ′	
BT	Bay Tikhaya	B.T.Korganov	+80 20	52 48	(Calm Bay) Arctic Research Institute, USSR
CC	Cape Chelyuskin	N.T.Ivanova	+77 17	104 17	Arctic Research Institute, USSR
Th	Thule	H.Petersen	+76 32	290 56	Polar-Year (1932-33) station; reestablished in January 1947
Di	Dickson	G.V.Andronov	+73 30	80 25	Arctic Research Institute, USSR
MS	Matochkin Shar	P.A.Sterlegov	+73 16	56 24	Arctic Research Institute, USSR
Ti	Tiksy	N.F.Zhirkov	+71 48	128 54	Arctic Research Institute, USSR
Tr	Tromsö	L.Harang	+69 40	18 57	Discontinued in 1941 because of war
Go	Godhavn	K.Thiesen	+69 14	306 29	Established in 1927
Ai	Abisko	F.Åkerblom	+68 21	18 49	Reestablished in April 1945
So	Sodankylä	E.Sucksdorff	+67 22	26 39	Destroyed in October 1944; reestablished in December 1945
We	Wellen	E.A.Koshel	+66 10	190 10	Arctic Research Institute, USSR
Sr	Srednikan	P.F.Kokovkin	+62 26	152 19	Established in 1935
Do	Dombås	K.F.Wasserfall	+62 05	9 06	Operated throughout war
Ya	Yakutsk	V.M.Tarasenko	+62 01	129 43	Established in 1932
Le	Lerwick	W.A.Harwood	+60 08	358 49	(Shetland Islands)
Se	Seltsy	M.C.Penkevich	(+59.9)	(30.5)	Established in January 1947, succeeding Slutsk
Sl	Slutsk	P.E.Phédouloff	+59 41	30 29	In war-area during 1941-42; totally destroyed
Lo	Lovö	S.Åslund	+59 21	17 50	(Stockholm)
Si	Sitka	J.B.Campbell	+57 03	224 40	Moved to new site in April 1940
VD	Vyssokaya Dubrava	M.A.Lipina	+56 44	61 04	Succeeded Sverdlovsk in 1929
RS	Rude Skov	J.Egedal	+55 51	12 27	(Copenhagen)
Za	Zaimishche	N.F.Pushkin	+55 50	48 51	Succeeded Kasan in 1914
KP	Krasnaya Pakhra	S.M.Mansurov	+55 27	37 20	Constructed in 1944; commenced operation in 1945
Es	Eskdalemuir	W.A.Harwood	+55 19	356 48	In Scotland
Ko	Koenigsberg	H.Lettau	+54 50	20 30	Discontinued in 1939
Me	Meanook	R.G.Madill	+54 37	246 40	Near Edmonton, Alberta, Canada
Hl	Hel	B.Cynk	+54 37	18 49	Discontinued reporting in July 1939
Sy	Stonyhurst	J.P.Rowland,S.J.	+53 51	357 32	Discontinued work in geomagnetism at end of 1946
Wi	Witteveen	J.Veldkamp	+52 49	6 40	Succeeded De Bilt in 1938
Zy	Zuy	I.M.Raikhbaum	+52 28	104 02	Succeeded Irkutsk in 1915
Sw	Swider	E.Kalinowska	+52 07	21 15	Damaged in World War II; reestablished in 1947
Ni	Niemegk	R.Bock	+52 04	12 40	Not operating account war-damage, March 1945-February 1946
Nz	Nizhnedevitsk	P.J.Gousseff	+51 31	38 22	In war-area in August 1941; destroyed
Bo	Bochum	W.Löhr	+51 29	7 14	Discontinued reporting at end of 1939
Ab	Abinger	H.Spencer Jones	+51 11	359 37	Succeeded Greenwich in 1925
Ma	Manhay	L.Koenigsfeld	+50 18	5 41	Equipment damaged in 1944
Ja	Janów	E.Kalinowska	+49 54	23 44	In war-area during 1939-41-42
Au	Auhof	M.Toperczer	+48 13	16 14	(Vienna) Discontinued reporting at end of 1939
Fu	Fürstenfeldbruck	F.Burmeister	+48 10	11 17	Registrations interrupted, October 1945 to June 1946
CF	Chambon-la-Forêt	E.Selzer	+48 01	2 16	Replaced Val Joyeux in 1936
OG	O'Gyalla	A.Réthly	+47 52	18 11	Operated under name of Stará Ďala from 1918 to 1938
Re	Regensberg	E.Wanner	+47 29	8 27	Discontinued reporting at end of 1939
Na	Nantes	O.Noblanc	+47 15	358 27	(Petit-Port)
St	Stepanovka	M.S.Babushnikov	+46 47	30 53	In war-area during 1941-42; reestablished in December 1946
Su	Surlari	L.Constantinescu	+44 41	26 15	Established in 1947
Ca	Castellaccio	M.Tenani	+44 26	8 56	Near Genoa; established in 1932
Ag	Agincourt	W.E.Ross	+43 47	280 44	About 13 miles from Toronto which it replaced in 1899
Mt	Mai-tun	O.K.Sytina	+43 15	132 20	Succeeded Vladivostok in 1938
Du	Dusheti	N.A.Katsiashvili	+42 05	44 42	Succeeded Karsani in 1935
Ke	Keles	V.N.Mikhalkov	+41 25	69 12	Succeeded Tashkent in 1935
Eb	Ebro	A.Romañá,S.J.	+40 49	0 30	Indices for 1944 given in Num. 17 de Revista de Geofisica
Ci	Coimbra	A.F.de Carvalho	+40 12	351 35	In Portugal
Ch	Cheltenham	W.E.Wiles	+38 44	283 10	Publishes weekly reports of K-indices
SM	San Miguel	H.Amorim Ferreira	+37 46	334 21	(Ponta Delgada)
SF	San Fernando	W.Benitez	+36 28	353 48	Registrations of D and H (absolute observations of I)
Ka	Kakioka	K.Wadachi	+36. 14	140 11	Succeeded Tokio in 1913
Ks	Ksara	C.Combier	+33 49	35 53	Near Beyrouth, Lebanon Republic
Tu	Tucson	J.H.Nelson	+32 15	249 10	Replaced Baldwin in 1909
ZS	Zô-Sè	M.Burgaud,S.J.	+31 06	121 11	Succeeded Lukiapang, 1934; no records May 1945-August 1946
DD	Dehra Dun	Dir.Geod.Branch	+30 19	78 03	Discontinued in August 1943
He	Helwan	M.R.Madwar	+29 52	31 20	Near Cairo, Egypt
Ta	Tamanrasset	A.Lasserre	+22 48	5 32	Intermittent operation account war
AT	Au-Tau	C.W.Jeffries	+22 27	114 03	Succeeded Hong Kong in 1927; totally destroyed in war
Ho	Honolulu	R.F.White	+21 19	201 56	Moved to new site in March 1947
Te	Teoloyucan	J.Gallo	+19 45	260 49	Closed for rebuilding beginning May 1, 1947
Al	Alibag	S.K.Chakrabarty	+18 38	72 52	Succeeded Colaba (Bombay) in 1906
SJ	San Juan	R.M.Wilson	+18 23	293 53	Succeeded Vieques in 1924
An	Antipolo	W.C.Repetti,S.J.	+14 36	121 10	Replaced Manila in 1911; destroyed in 1945
Ku	Kuyper	H.P.Berlage	- 6 02	106 44	(Batavia) Instruments lost during war
El	Elisabethville	G.Heinrichs	-11 40	27 28	Operated 1932-33; reestablished in 1938
Hu	Huancayo	A.A.Giesecke,Jr.	-12 03	284 40	Transferred by Carnegie Institution to Peru in July 1947
Ap	Apia	J.W.Beagley	-13 48	188 14	(Samoa)
Va	Vassouras	C.C.Imbuzeiro	-22 24	316 21	Replaced Rio de Janeiro in 1915
Wa	Watheroo	F.W.Wood	-30 19	115 52	Transferred by Carnegie Institution to Australia, July 1947
Pi	Pilar	O.Lützow-Holm	-31 40	296 07	Córdoba, Argentina
CT	Cape Town	A.Ogg	-33 57	18 28	Discontinued because of electric railways (see Hermanus)
Hr	Hermanus	A.M.van Wijk	-34 25	19 14	Succeeded Cape Town in 1941
To	Toolangi	J.M.Rayner	-37 32	145 28	Succeeded Melbourne in 1920
Am	Amberley	H.F.Baird	-43 10	172 44	Succeeded Christchurch in 1929
HI	Heard Island		-53 06	73 22	

* North latitudes considered positive, south latitudes negative.

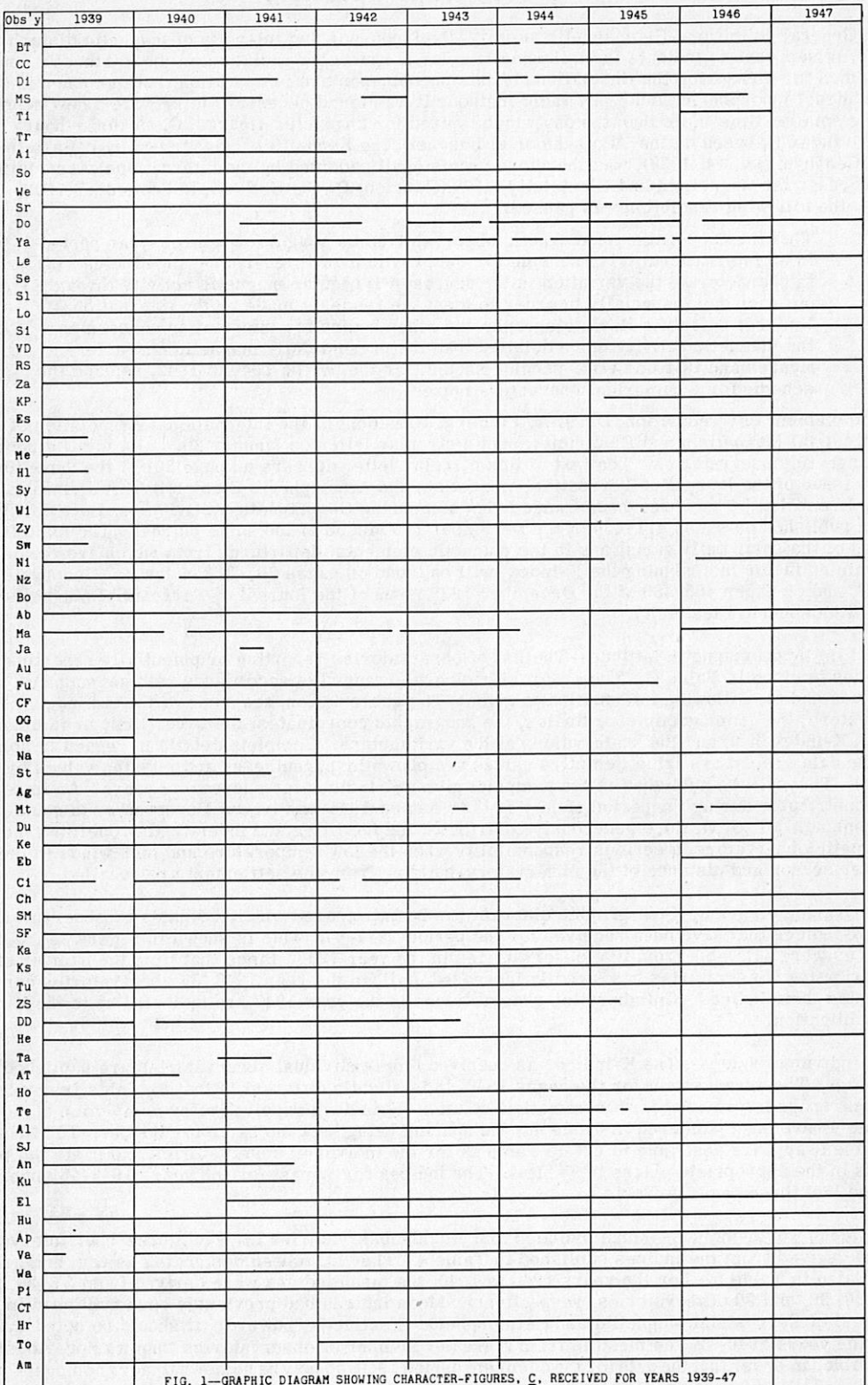

FIG. 1—GRAPHIC DIAGRAM SHOWING CHARACTER-FIGURES, C, RECEIVED FOR YEARS 1939-47

THREE-HOUR-RANGE INDICES, K

General definition--Geomagnetic activity, the frequency and intensity of magnetic disturbance, is supposed to indicate the influence of solar corpuscular radiation on the Earth. Various schemes for measuring the fluctuations of this phenomenon are in operation, but in connection with direct ionospheric studies by radio methods it was found necessary to provide a new scheme using smaller time-units than the day which is used for character-figures, C. A three-hour-range index K, based on the "Potsdamer erdmagnetische Kennziffer" (described by J. Bartels in Zs. Geophysik, v. 14, 1938), was therefore provisionally adopted by the International Association of Terrestrial Magnetism and Electricity, at Washington, D. C., U. S. A., in September 1939, when the following resolution was passed:

> "That the cooperation of magnetic observatories be sought for a three-year period in an international trial-scheme for the provision of three-hour-range indices (K) to characterize the variation in the degree of irregular magnetic activity throughout each day, especially in order to meet the requests made by the International Union of Scientific Radiotelegraphy and other bodies for information concerning the magnetic activity more detailed than the present daily magnetic character-figures and that this trial-scheme should, for the period 1940 to 1942, replace the scheme for a numerical character-figure."

To implement this resolution, Dr. J. A. Fleming, President of the International Association of Terrestrial Magnetism and Electricity, sent a circular letter on January 20, 1940, to all directors of magnetic observatories. The text of this circular letter appears on page 301 of the September 1941 issue of the Journal of Terrestrial Magnetism and Atmospheric Electricity. A definitive article entitled "The Three-hour-range Index Measuring Geomagnetic Activity" had previously been published on pages 411-454 of the December 1939 issue of the same Journal. The main features of the solar daily variations in the magnetic elements, departures from which are the determining factor in assigning the K-index, will be found on pages 297-313 of the Zs. Geophysik for 1938, and on pages 455-469 of the December 1939 issue of the Journal of Terrestrial Magnetism and Atmospheric Electricity.

List by geomagnetic latitude--The list of observatories reporting or potentially reporting K-indices is given in Table C. The observatories are arranged in accordance with geomagnetic latitude and the following information is given: The abbreviation, the name of the individual observatory, the geomagnetic coordinates, the geographic coordinates, the lower limit in gammas for a K-index of 9, and the scale-values of the variometers. Complete details in regard to some of the data are not available (tentative values are shown by parentheses and missing values by dots). They will be published in the pamphlet giving K-indices for succeeding years. An important contributor during the period of July 1943 to August 1945 was Ivigtut Observatory in southern Greenland. Mr. S. O. Corp generously contributed the facilities and indefatigably operated the magnetic observatory, a serious responsibility when the low temperature and high winds in the winter season and distance of the observatory-building from the settlement are recalled.

Graphic diagram, K--A graphic diagram has been prepared which indicates by observatories the K-indices that have been received for the period 1937-47. This is shown in Figure 2. K-indices were available from five observatories in the year 1937. Since that time the number of contributing observatories has steadily increased until, in the year 1946, 35 observatories contributed their indices. Collaborating observatories in the year 1947 are indicated up to the time of publication.

Individual values--The K-indices as received from individual observatories are published in Table 4. The arrangement for the years 1940-43 is slightly different to that for later years, in that no space is provided for a summation-column. K-indices received after completion of Table 4 have been published in Table 4a, the spacing being kept the same for the period 1940-43 in case it appears desirable to cut up Table 4a for the individual observatories and paste the portions in the appropriate places in Table 4. The indices for Wingst for the years 1943-46 appear in the last three pages of Table 4a.

Mean world-indices--Mean indices from world-observatories for each three-hour interval were derived from the indices published in Table 4. They have been designated as K_W, and are tabulated in Table 5. For the years 1940 to 1946, the mean indices were derived from 27, 29, 28, 27, 30, 30, and 30 observatories, respectively. Mean indices had previously been published in the Journal of Terrestrial Magnetism and Atmospheric Electricity; however, it should be noted that for the years 1940-42, the mean is from a greater number of observatories than was previously possible, in order that the data for the complete period 1940-46 may be somewhat more homogeneous.

TABLE C—LIST OF OBSERVATORIES REPORTING K-INDICES
(Arranged according to geomagnetic latitude)

Abbrev.	Observatory	Geomagnetic* Lat. Φ	Geomagnetic* Long. Λ	Geomagnetic* Angle Ψ	Geographic* Lat. φ	Geographic* Long. λ	Lower limit K = 9	Scale-values D	Scale-values H	Scale-values Z
		°	°	°	°	°	γ	γ/mm	γ/mm	γ/mm
Th	Thule	+88.0	0.0	0.0	+76.5	290.9	(1800)	....	....	....
Go	Godhavn	+79.8	32.5	-17.5	+69.2	306.5	1800	2.4	9.2	14.6
Iv	Ivigtut	+71.4	32.7	-12.9	+61.2	311.8	2000	8.4	11.3	13.4
Co	College	+64.5	255.4	+27.0	+64.9	212.2	2500	19.0	18.3	27.0
So	Sodankylä	+63.8	120.0	-26.7	+67.4	26.6	1500	3.4	10.0	10.0
Le	Lerwick	+62.5	88.6	-23.6	+60.1	358.8	1000	4.0	3.6	6.0
Do	Dombås	+62.3	100.0	-23.6	+62.1	9.1	750	7.0	5.7	4.5
Me	Meanook	+61.8	301.0	+17.2	+54.6	246.7	1500	3.6	7.8	10.7
Si	Sitka	+60.0	275.4	+21.4	+57.0	224.7	1000	4.5	7.0	7.9
Es	Eskdalemuir	+58.5	82.9	-20.4	+55.3	356.8	750	4.3	4.0	6.0
Se	Seltsy	+56.0	116.3	-20.9	+59.9	30.5	(600)	....	....	....
Sl	Slutsk	+56.0	117.0	-20.6	+59.7	30.5	(600)	....	....	....
RS	Rude Skov	+55.8	98.5	-20.6	+55.8	12.5	600	5.0	10.0	10.0
Ag	Agincourt	+55.0	347.0	+ 3.6	+43.8	280.7	600	4.0	5.0	5.9
Wn	Wingst	+54.5	94.0	-19.6	+53.7	9.1	500	...		
Wi	Witteveen	+54.2	91.0	-19.3	+52.8	6.7	500	9.7	9.5	5.3
Ab	Abinger	+54.0	83.3	-18.4	+51.2	359.6	500	5.0	4.4	4.4
Sr	Srednikan	+53.2	210.5	+12.7	+62.6	152.3	750	4.8	4.2	5.0
Ni	Niemegk	+52.2	96.5	-18.8	+52.1	12.7	500	2.5	2.5	2.5
KP	Krasnaya Pakhra	+52.0	120.6	-17.6	+55.5	37.3	550	2.6	3.3	2.6
Ma	Manhay	+52.0	88.8	-18.2	+50.3	5.7	500	5.2	2.0	3.8
Ya	Yakutsk	+51.0	193.8	+ 5.8	+62.0	129.7	550	4.8	2.3	....
Sw	Swider	+50.6	104.6	-18.3	+52.1	21.2	500	3.6	3.6	4.6
CF	Chambon-la-Forêt	+50.4	83.9	-17.2	+48.0	2.3	500	8.0	7.2	7.0
Ch	Cheltenham	+50.1	350.5	+ 2.4	+38.7	283.2	500	5.3	2.7	4.0
Za	Zaimishche	+49.3	130.4	-15.7	+55.8	48.8	550	4.8	5.8	5.6
VD	Vyssokaya Dubrava	+48.5	140.7	-13.3	+56.7	61.1	550	4.8	5.6	5.1
Eb	Ebro	+43.9	79.7	-15.0	+40.8	0.5	350			
St	Stepanovka	+43.8	110.9	-15.8	+46.8	30.9	(350)	....	....	....
Su	Surlari	+42.4	106.2	-15.6	+44.7	26.3	(300)	....	....	....
Zy	Zuy	+41.0	174.4	- 1.8	+52.5	104.0	350	5.5	4.6	3.2
SF	San Fernando	+41.0	71.3	-13.6	+36.5	353.8	350	5.3	3.2	....
Tu	Tucson	+40.4	312.2	+10.1	+32.2	249.2	350	3.8	3.0	4.1
Du	Dusheti	+36.7	122.1	-13.2	+42.1	44.7	350	7.0	2.4	4.3
Ke	Keles	+32.6	143.4	- 9.0	+41.4	69.2	300	7.4	2.3	4.0
Mt	Mai-tun	+32.4	198.3	+ 4.9	+43.2	132.3	300	7.8	1.7	4.7
Ks	Ksara	+30.2	111.7	-12.9	+33.8	35.9	(300)	....	....	....
SJ	San Juan	+29.9	3.2	- 0.7	+18.4	293.9	300	8.0	2.8	4.6
Ka	Kakioka	+26.0	206.0	+ 6.2	+36.2	140.2	(300)	8.6	6.0	3.8
Ho	Honolulu	+21.1	266.5	+12.3	+21.3	201.9	300	8.5	2.9	3.2
ZS	Zô-Sè	+19.8	189.2	+ 2.2	+31.1	121.2	300	....	1.8	....
Al	Alibag	+ 9.5	143.6	- 7.2	+18.6	72.9	300	11.3	4.3	2.7
Hu	Huancayo	- 0.6	353.8	+ 1.3	-12.0	284.7	600	8.6	2.1	4.3
Ap	Apia	-16.0	260.2	+11.7	-13.8	188.2	300	10.1	2.3	1.4
Ku	Kuyper**	-17.5	175.5	- 0.9	- 6.0	106.7	300	4.5	4.5	2.2
Pi	Pilar	-20.2	4.6	- 1.1	-31.7	296.1	300	7.0	3.2	3.0
CT	Cape Town	-32.7	79.9	-13.7	-33.9	18.5	300	3.9	5.2	7.9
Hr	Hermanus	-33.3	80.3	-13.8	-34.4	19.2	300	2.2	2.3	3.8
Wa	Watheroo	-41.8	185.6	+ 1.3	-30.3	115.9	350	7.2	2.5	3.4
To	Toolangi	-46.7	220.8	+ 9.5	-37.5	145.5	500	7.5	5.1	4.2
Am	Amberley	-47.7	252.5	+15.1	-43.5	172.7	500	7.3	4.3	4.2

* North latitudes considered positive, south latitudes negative; all longitudes are east; Ψ = angular difference in direction at observatory between geographic and geomagnetic meridians, positive when measured from north through east.

** Scale-values are for the elements X, Y, and Z, respectively, instead of D, H, and Z.

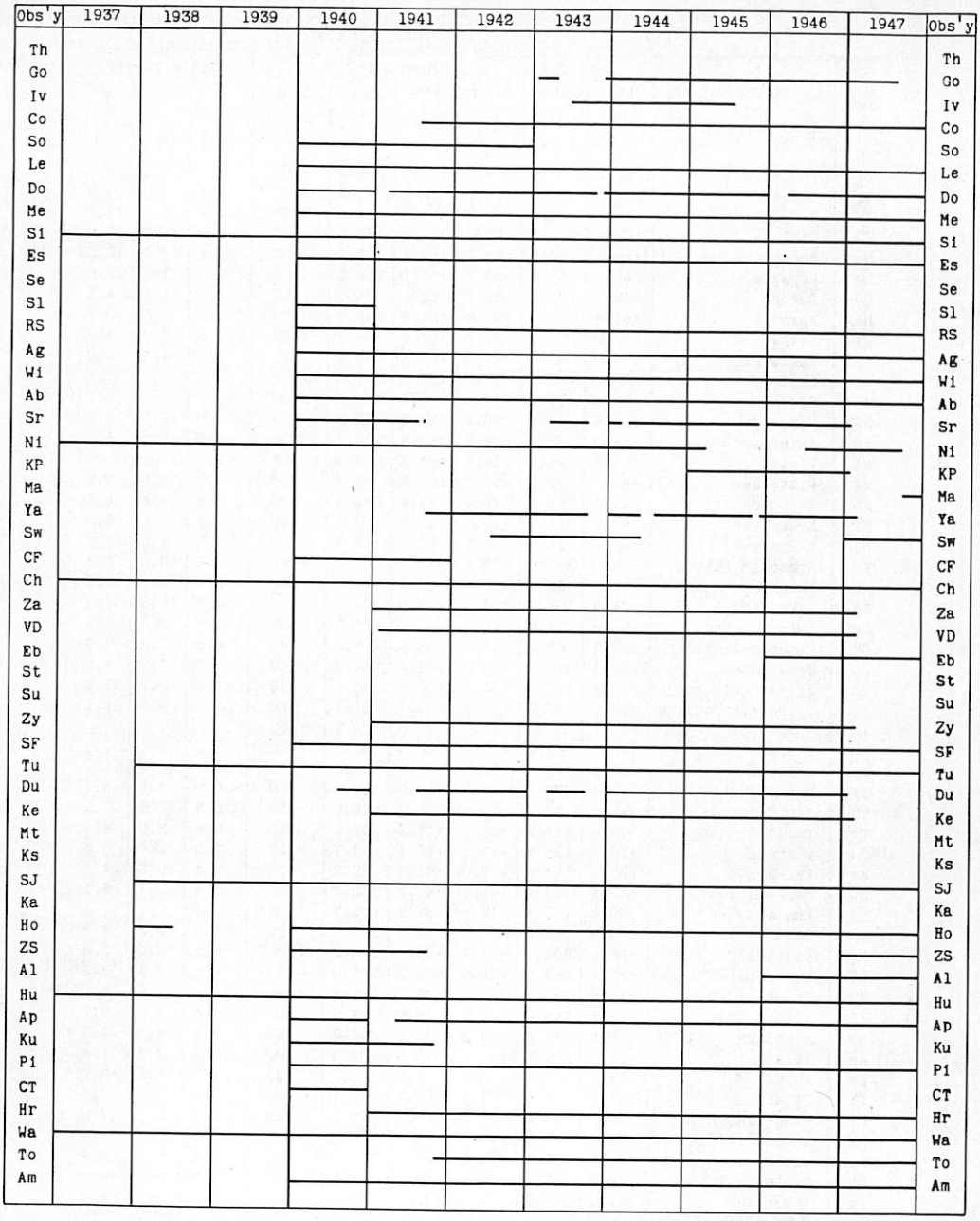

FIG. 2—GRAPHIC DIAGRAM SHOWING K-INDICES RECEIVED FOR YEARS 1937-47

Monthly summary--The mean indices, K_W, were derived for each month and each year during the period 1940-46. These mean indices are published in Table 6. The means by years from 1940 to 1946 are 2.16, 2.28, 2.24, 2.45, 1.98. 1.91, and 2.33, respectively. The year of minimum activity was 1945. When one derives the ratio between average K's and average C's, it is evident that the judgment of the individual observers in assigning character-figures on a scale of 0-1-2 is influenced by the apparent smoothness of the trace in quiet years to indicate lower activity than the true one which is presumably given by the mean K-index--an actual measure of activity.

Annual summary--The mean indices by years from 1940 to 1946 are shown in Table 7. There is possibly an indication of slightly greater activity during the middle portion of the Greenwich day. The average value for the period 12^h-15^h over the seven years is the greatest of the eight daily periods.

REVIEW OF MAGNETIC ACTIVITY

General--Before describing the magnetic activity of the period 1940-46, some idea of the time-pattern of solar and geomagnetic disturbance should be given. Although all intense magnetic storms cannot be definitely related to sunspot-groups, the frequency of great storms correlates very closely with the sunspot-frequency. The smaller storms, however, reach a maximum a year or two after sunspot-maximum and show a pronounced lag, as compared with the sunspots, during the period of decreasing sunspot-frequency. Small storms often occur within the two years preceding sunspot-minimum, when sunspots are few. The rise from minimum to maximum is usually though not invariably more rapid than the fall from the maximum to the minimum. There is considerable range in the actual length of the sunspot-cycle. The average is eleven years, but it may be as short as eight years or as long as thirteen years. The last maximum of solar activity occurred in 1937.4, while the last minimum was in the spring of 1944. The rapid rise since then suggests that the next maximum will be reached in 1948 or 1949 and that it will be a high one.

Magnetic conditions, year 1940--The year 1940 was marked by considerable magnetic activity. A disturbance of major importance occurred during the period of March 23-28, and what may be considered to be a later phase of the same storm took place on March 29-April 1. These storms occurred near the "equinoctial maximum" of magnetic activity. Nineteen observatories reported a K-index of 9 on the days of March 23-25 and eight observatories on the days of March 29-31. Intense storms of shorter duration occurred on January 3-4 and on September 26-27. Moderate disturbances were frequent, about 15 per cent of the days of the year having activity of K-index 5 or greater. The dates of October 7 and November 25-26 may be noted as outstanding of the storms of moderate intensity.

The great magnetic storm of March 23-28, 1940, referred to above, was probably associated with a large, active group of sunspots that developed about the same time, some umbrae with positive and others with negative magnetic fields. It is believed that large groups of this kind, in which magnetic poles of opposite sign occur within the penumbra, are more frequently associated with great magnetic storms than are regular bipolar groups like the one on January 3, 1940.

Magnetic conditions, year 1941--There was a slight decrease in magnetic activity during the year 1941, although moderate disturbances continued with the same frequency as in the previous year. The usual period of equinoctial disturbance was marked especially by a major storm, brief but of great violence, on March 1-2. Twenty-three observatories reported a K-index of 9 on March 1. Other disturbances of unusual severity occurred on July 4-7 and particularly on September 18-19, when 16 and 17 observatories, respectively, reported a K-index of 9. Noteworthy storms of moderate intensity were recorded on August 4-5, October 31-November 1, and December 1-2.

The well-known tendency of magnetic disturbances to recur at 27-day intervals was not very marked. There was, however, a long series of fourteen recurrences of quiet geomagnetic activity at exactly 27-day intervals beginning January 5 and ending December 22. The greatest auroral display observed in the eastern United States during recent times accompanied the storm of September 18-19.

Magnetic conditions, year 1942--There were no major disturbances in the year 1942. The only storm of any magnitude occurred during February 28-March 2, when five observatories reported a K-index of 9. Moderate disturbances were numerous, expecially at equinoxes. Some mention should be made of the moderate but protracted storms of August 15-27, September 11-22, and December 20-24, as well as those of shorter duration on April 8-11, October 2-5, October 28-30, and November 23-24.

Magnetic conditions, year 1943--The year 1943 was comparatively quiet, since a K-index of 9 was observed only eleven times--once May 1, twice August 8, once August 18 and August 30, five times on August 31, and once on September 30. There was a magnetic storm on August 30-31, disturbances on May 1, August 8, September 29 and 30, and November 19. Disturbances of short duration also occurred on February 17, March 29, and August 18. There was no perfectly calm three-hour interval, though there were three Greenwich days when the value of K_W was 1.0 or less for all eight intervals, namely, January 14, April 24, and December 6.

Magnetic conditions, year 1944--The year 1944 was quiet. There were no important storms. A K-index of 9 was observed only on six days--once February 7, once March 27, five times on April 2, once August 3, once October 14, and eight times on December 16. There were moderate magnetic storms on April 2 and December 16-17; and small disturbances were recorded on February 7 and 14, March 19 and 26-27, August 3, and October 14-15. Disturbances of short duration occurred on March 4, April 16, May 1, October 11, and December 27. There was no perfectly calm three-hour interval, although there were seven Greenwich days when the value of K_W was 1.0 or less for all eight intervals, namely, March 17, April 13 and 22, May 20, November 13 and 25, and December 7.

Magnetic conditions, year 1945--The year 1945 was quiet. A K-index of 9 was observed only on four days--once January 29, once March 28, once April 1, and twice on December 14--in all instances at Sitka and on one occasion at College. Magnetic disturbances also occurred on January 15, March 12 and 15, April 11, August 28, September 18, October 24, November 9, and December 19. There was no perfectly calm three-hour interval, although there were seven Greenwich days when the value of K_W was 1.0 or less for all eight intervals, namely, January 24 and 25, February 21, August 20, November 26, December 1 and 4.

Magnetic conditions, year 1946--There was a marked increase in magnetic activity during the year 1946. A K-index of 9 was reported on seventeen days, as follows: January 3; February 7 and 8; March 24 and 25; March 28 and 29; April 23 and 24; July 26 and 27; September 16, 18, 19, 22, and 23; and October 27. However, during no three-hourly interval was K = 9 observed by all observatories; the nearest approach to this condition was the interval 12^h-15^h, March 28, when twenty-two observatories reported a K-index of 9. There was no perfectly calm three-hourly interval, and only one Greenwich day--November 27--when the value of K_W was 1.0 or less for all eight three-hourly intervals. There were a number of major magnetic storms throughout the year 1946. The most notable disturbance, comprising two distinct geomagnetic storms, occurred during March 23-29. In severity, it compared with the great storm of March 1, 1941. Other major disturbances occurred on February 7-8, April 22-24, and September 21-24, with a fairly severe storm on July 26-27. Moderate disturbances were recorded on January 3-4, March 9-11, April 12-15, May 5-11, May 20-24, September 16-19, September 27-30, and October 26-27.

Graphic diagrams, K_A--The Department of Terrestrial Magnetism and the United States Coast and Geodetic Survey with the cooperation of the United States Army and the United States Navy communication-services and several amateur radio stations also undertook in 1940 the collection of three-hour-range indices, K, for seven American-operated observatories. The indices for each observatory were standardized into reduced indices K_r to eliminate local daily variations (see cited papers for details of the method). A weighted mean index, K_A (A for American), was then derived from the reduced indices. The reduced indices from Sitka, Cheltenham, and Watheroo were given double weight and those from Tucson, San Juan, Honolulu, and Huancayo were given single weight. The activity indicated by K_A (or by K_W in the years 1937-39) is shown in Figures 3a to 3j, one for each year 1937 to 1946, inclusive. They are arranged in solar rotations of twenty-seven days for the study of recurrence-tendencies. It will be noted that in the three diagrams for the years 1937-39 the weighted indices have been designated K_W (W for world-wide, since at that time it was thought possible at a later date to derive world-wide weighted indices K_W). Notwithstanding this, the diagrams for the years 1937-39 are quite comparable with those for the years 1940-46. For the year 1937, the magnetic records from five observatories (Sitka, Niemegk, Cheltenham, Huancayo, and Watheroo) were used, while for the years 1938 and 1939 the records of seven observatories (Tucson and San Juan added) were utilized. In 1940, Niemegk was dropped because of the war and Honolulu added, composing the group of seven observatories mentioned above.

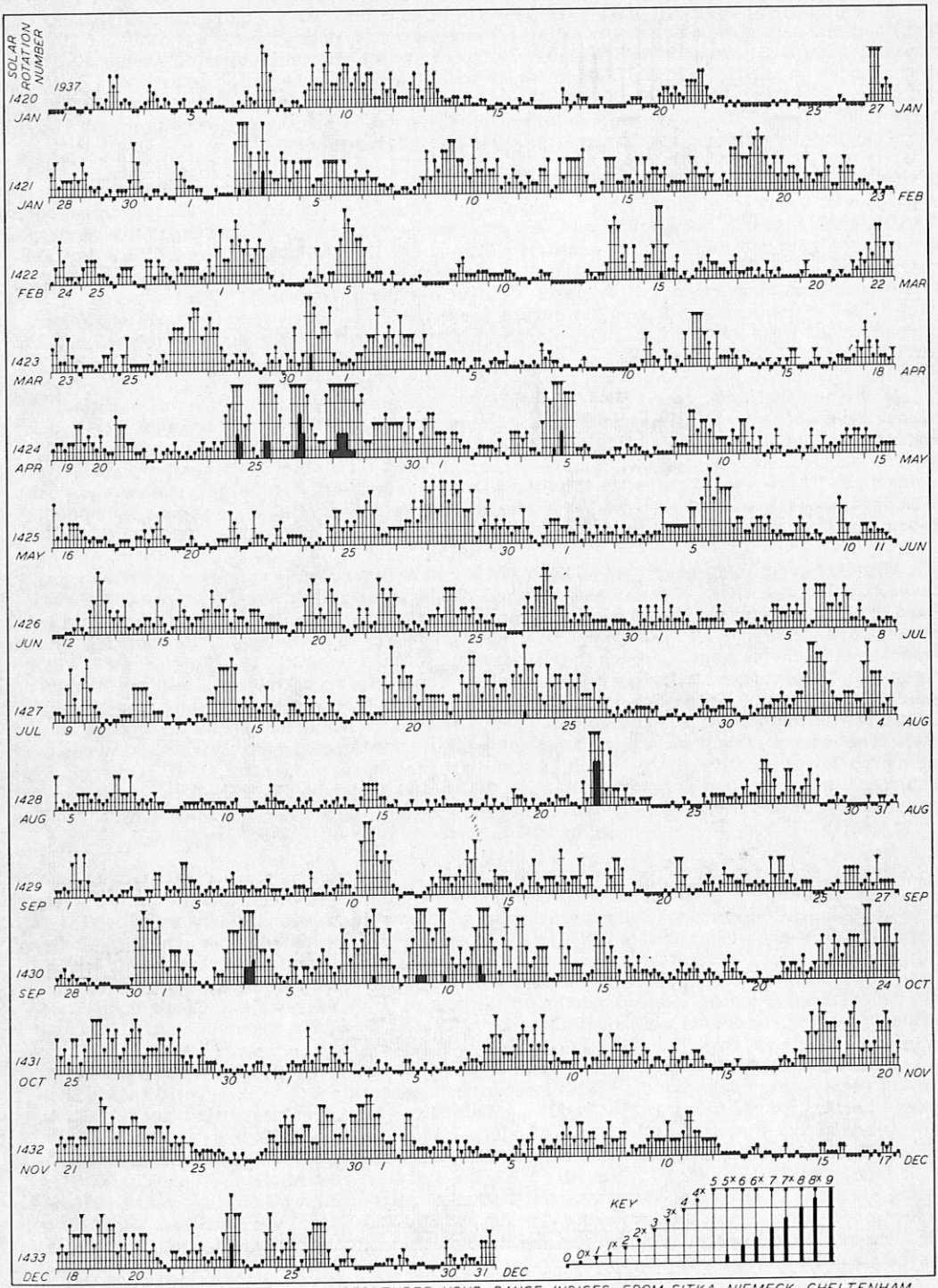

FIG. 3a—WEIGHTED AVERAGE K_w OF REDUCED THREE-HOUR-RANGE INDICES, FROM SITKA, NIEMEGK, CHELTENHAM, HUANCAYO, AND WATHEROO, JANUARY 1 TO DECEMBER 31, 1937

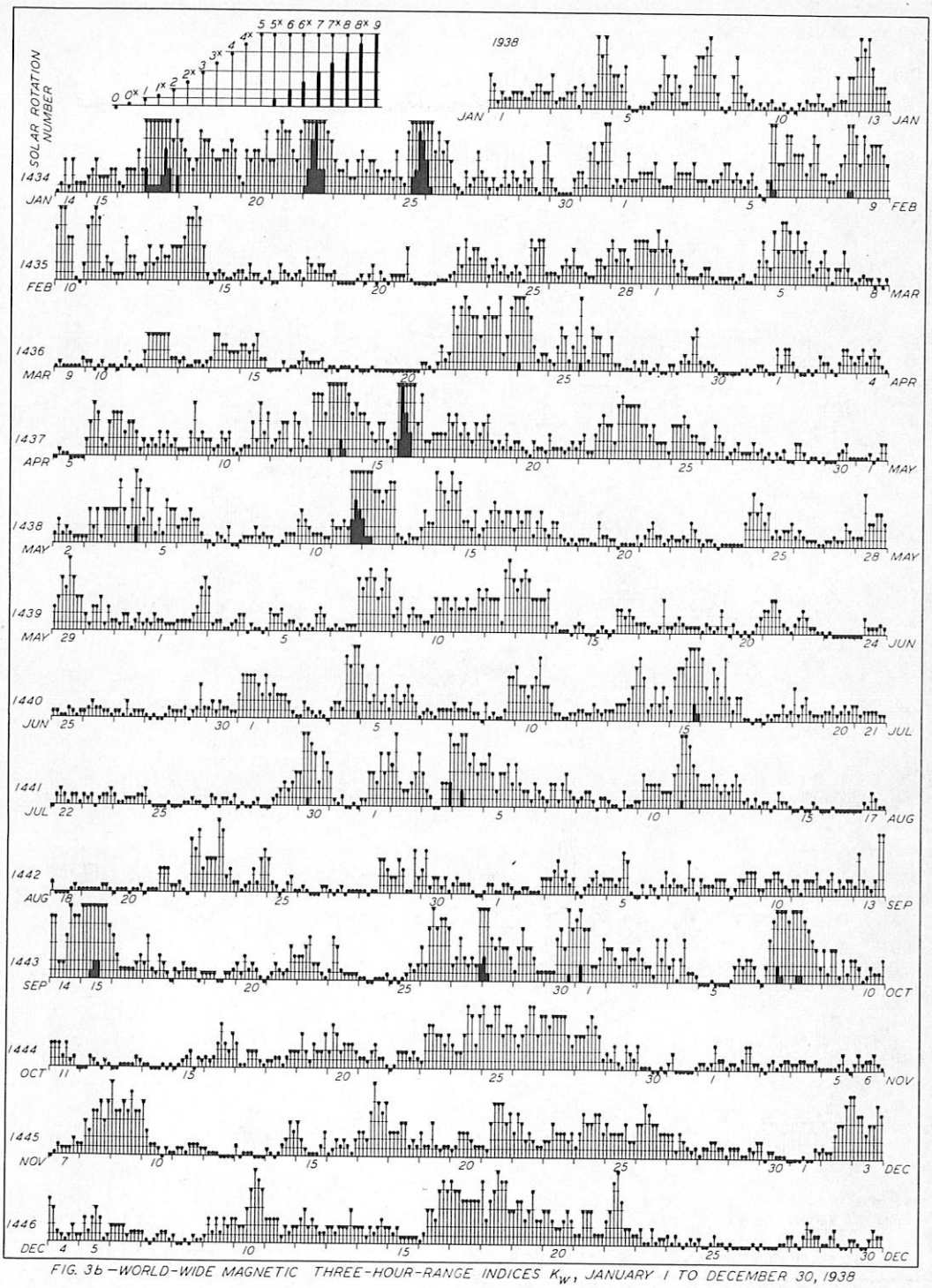

FIG. 36—WORLD-WIDE MAGNETIC THREE-HOUR-RANGE INDICES K_W, JANUARY 1 TO DECEMBER 30, 1938

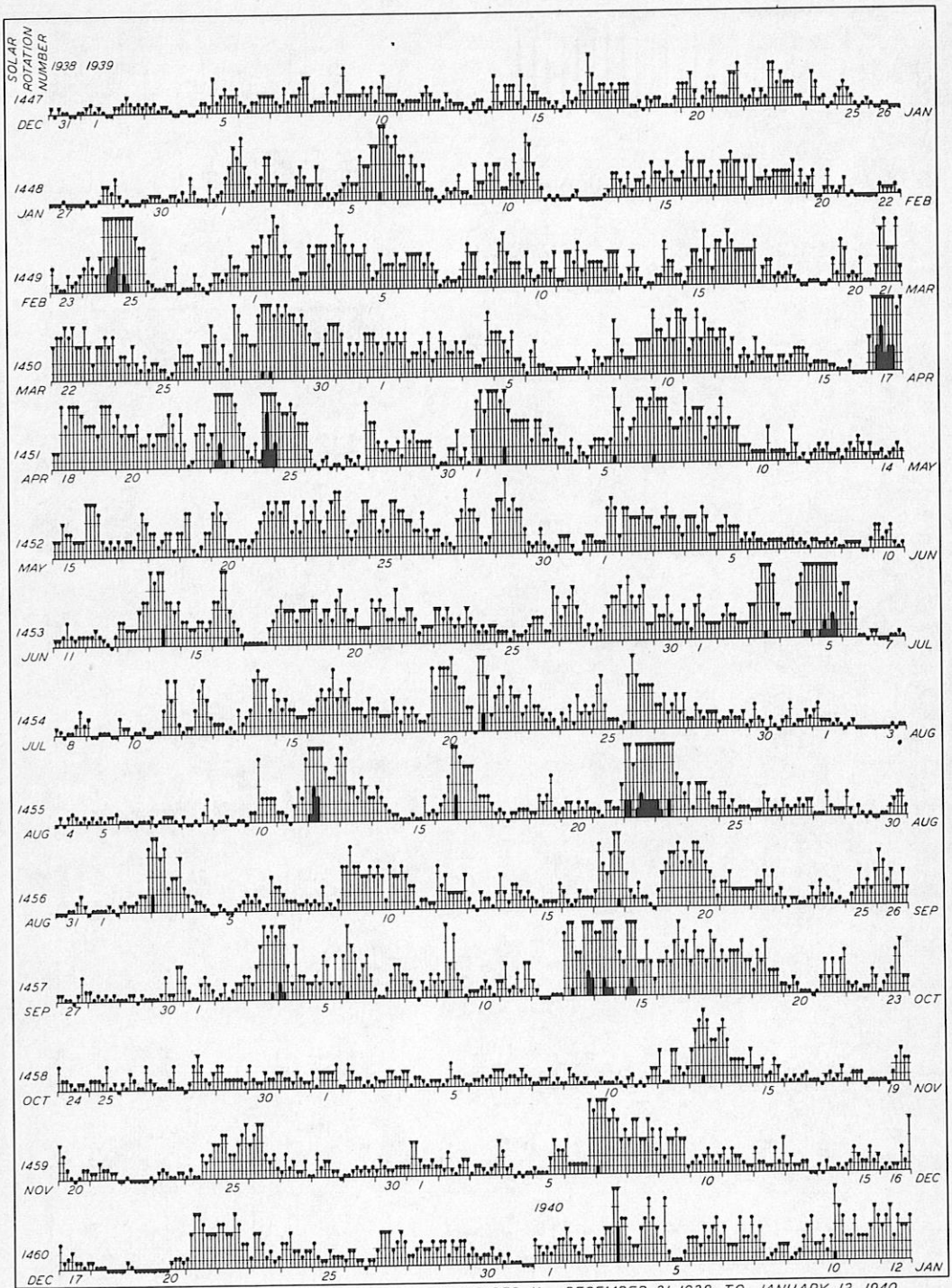

FIG. 3c—WORLD-WIDE MAGNETIC THREE-HOUR-RANGE INDICES K_W, DECEMBER 31, 1938 TO JANUARY 12, 1940

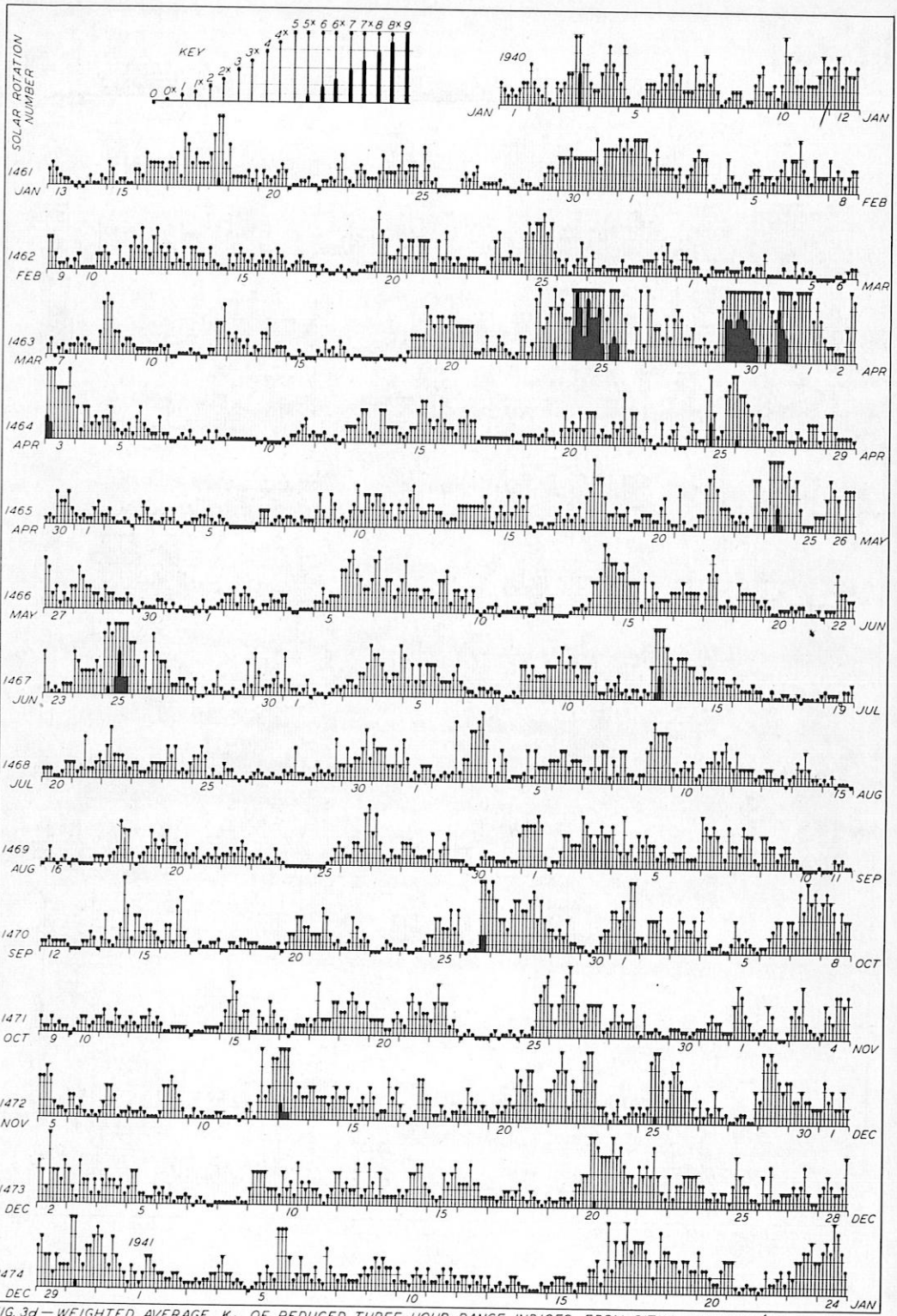

FIG. 3d — WEIGHTED AVERAGE, K_A, OF REDUCED THREE-HOUR-RANGE INDICES, FROM SITKA, NIEMEGK (JANUARY TO APRIL), CHELTENHAM, TUCSON, SAN JUAN, HONOLULU, HUANCAYO, AND WATHEROO, JANUARY 1, 1940 TO JANUARY 24, 1941

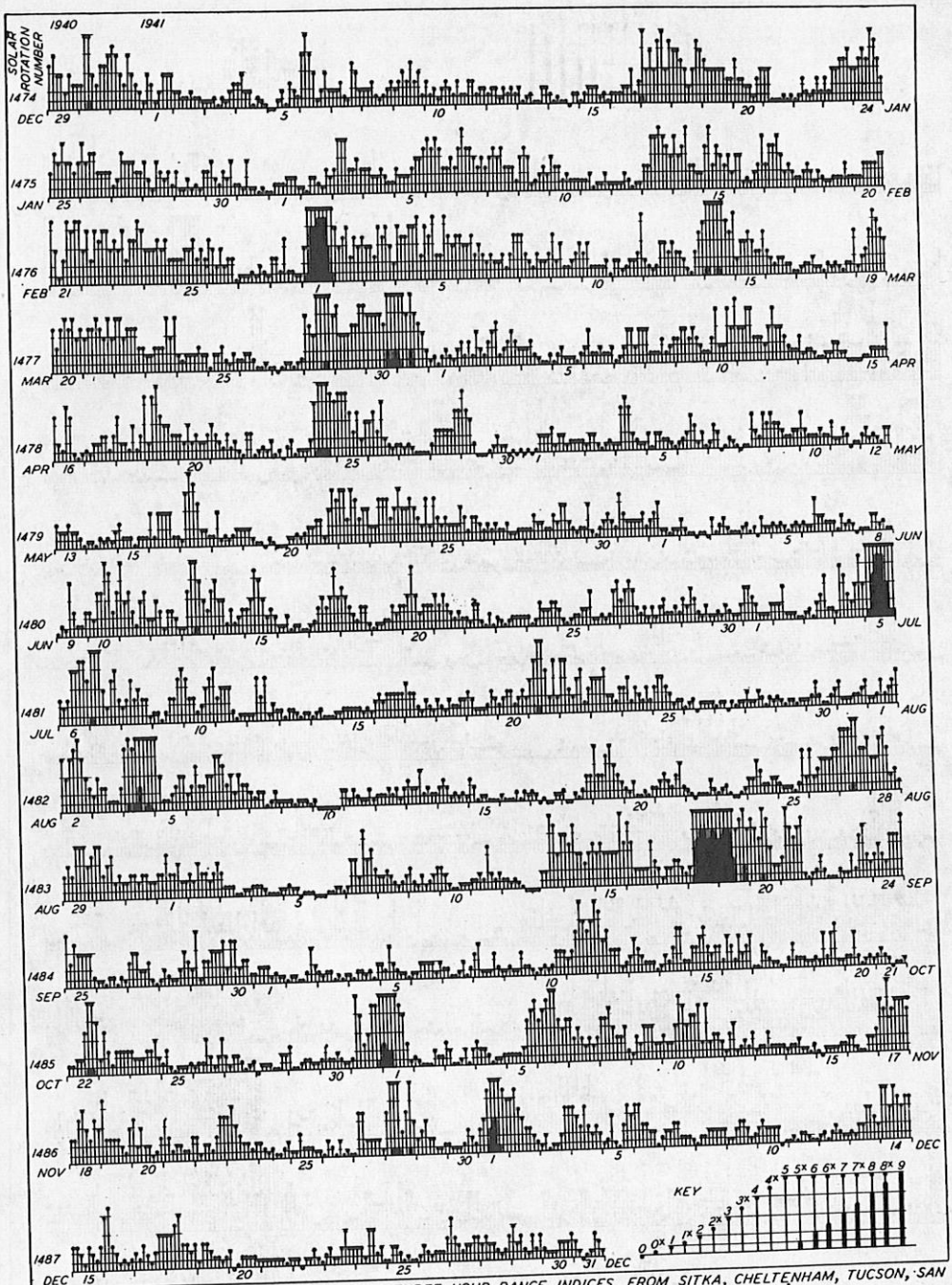

FIG. 3e—WEIGHTED AVERAGE, K_A, OF REDUCED THREE-HOUR-RANGE INDICES, FROM SITKA, CHELTENHAM, TUCSON, SAN JUAN, HONOLULU, HUANCAYO, AND WATHEROO, DECEMBER 29, 1940 TO DECEMBER 31, 1941

FIG. 31—WEIGHTED AVERAGE, K_A, OF REDUCED INDICES, K_r, FROM SITKA, CHELTENHAM, TUCSON, SAN JUAN, HONOLULU, HUANCAYO, AND WATHEROO, JANUARY 1, 1942, TO JANUARY 23, 1943

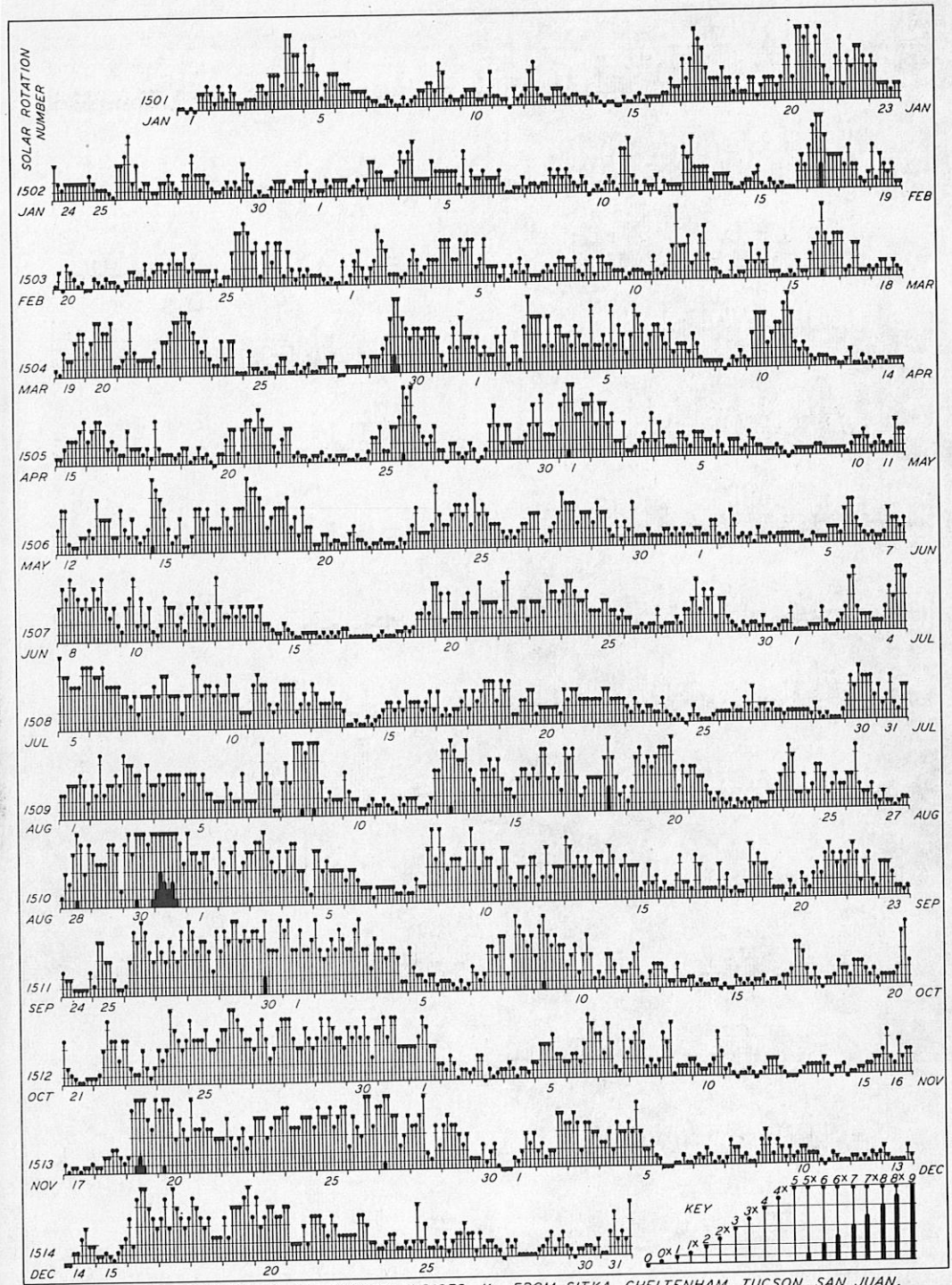

FIG. 3g—WEIGHTED AVERAGE, K_A, OF REDUCED INDICES, K_r, FROM SITKA, CHELTENHAM, TUCSON, SAN JUAN, HONOLULU, HUANCAYO, AND WATHEROO, FOR THE YEAR 1943

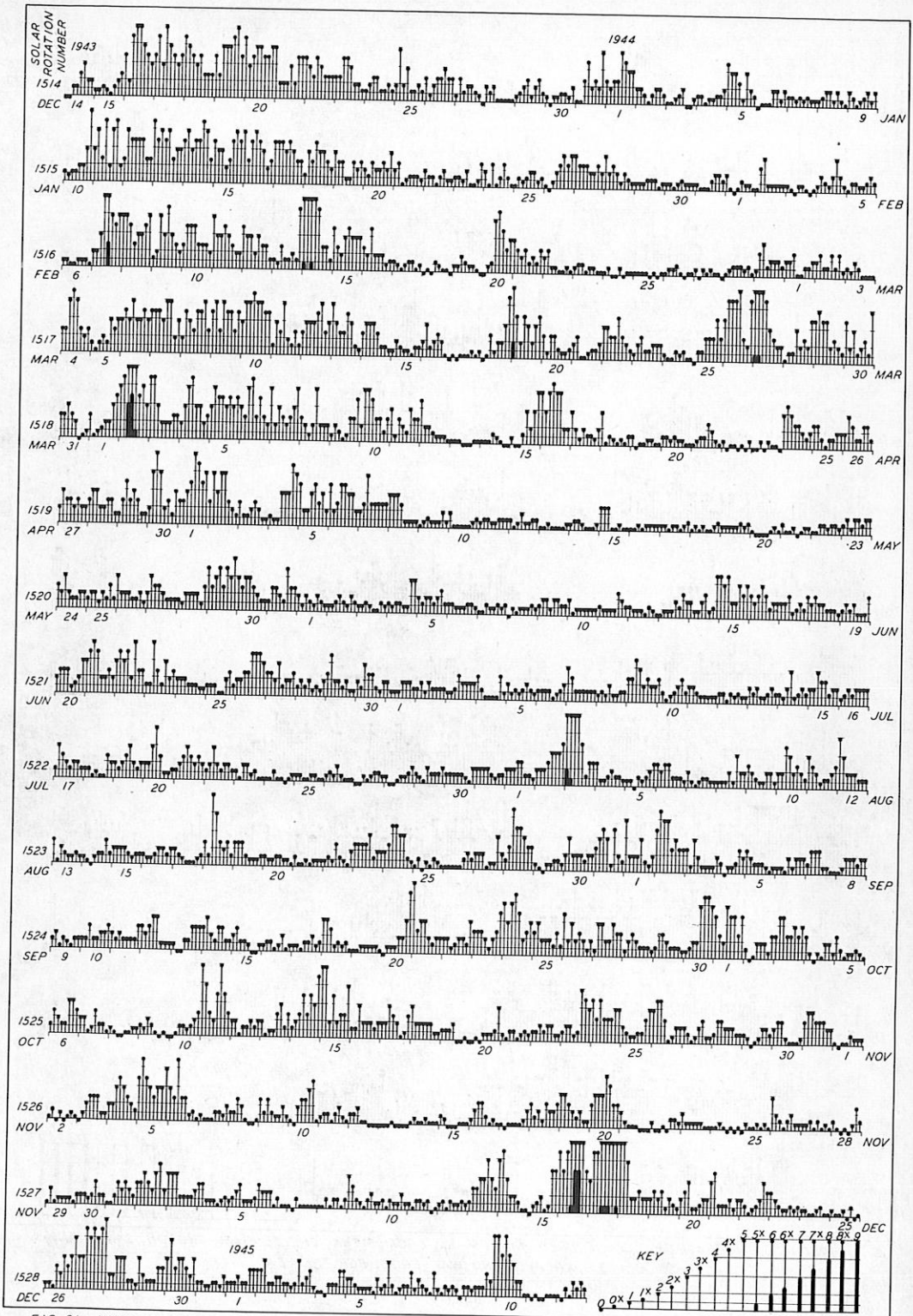

FIG. 3h—WEIGHTED AVERAGE, K_A, OF REDUCED INDICES, K_r, FROM SITKA, CHELTENHAM, TUCSON, SAN JUAN, HONOLULU, HUANCAYO, AND WATHEROO, DECEMBER 14, 1943 TO JANUARY 12, 1945

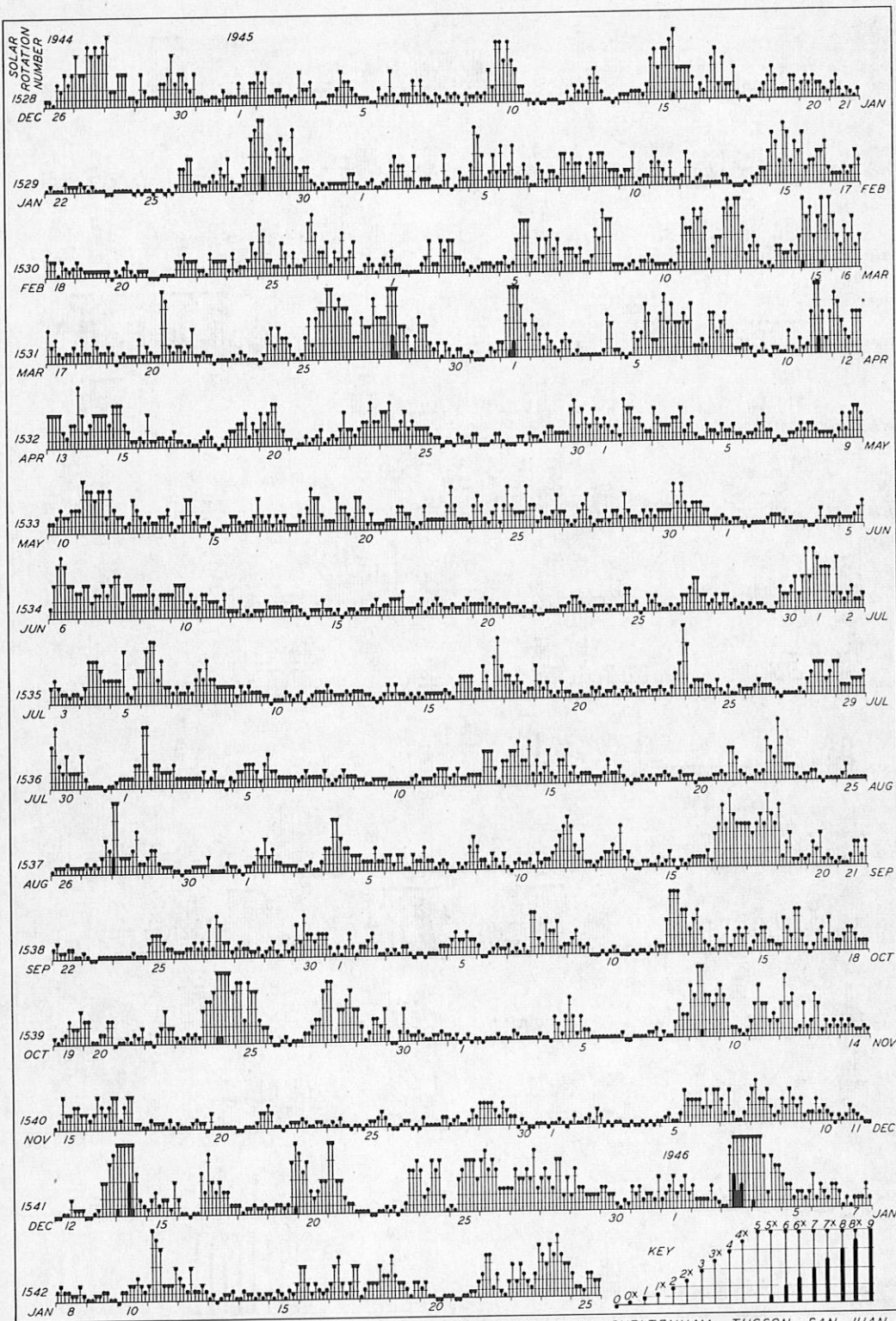

FIG. 3i—WEIGHTED AVERAGE, K_A, OF REDUCED INDICES, K_r, FROM SITKA, CHELTENHAM, TUCSON, SAN JUAN, HONOLULU, HUANCAYO, AND WATHEROO, DECEMBER 26, 1944 TO JANUARY 25, 1946

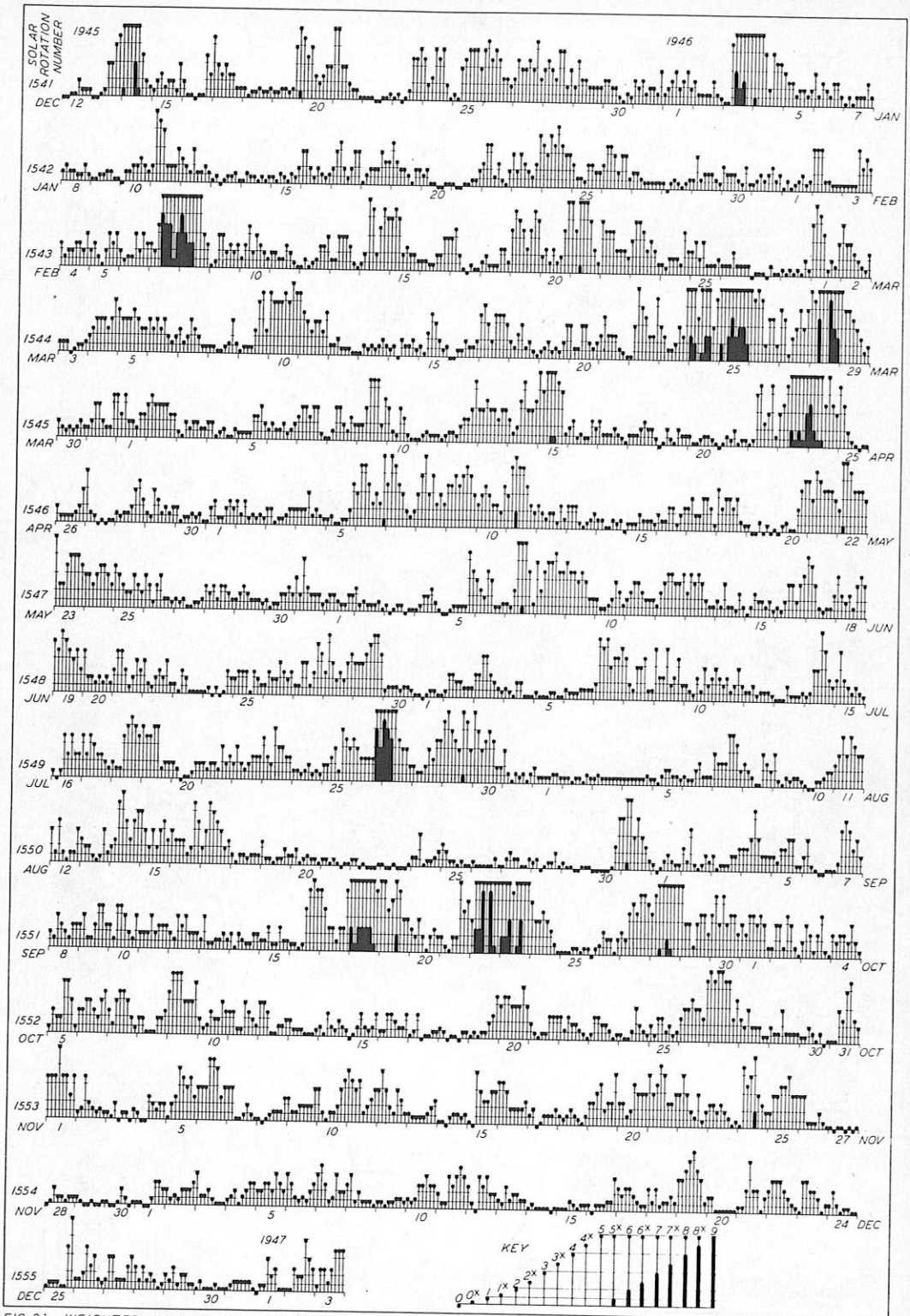

FIG. 3j—WEIGHTED AVERAGE, K_A, OF REDUCED INDICES, K_r, FROM SITKA, CHELTENHAM, TUCSON, SAN JUAN, HONOLULU, HUANCAYO, AND WATHEROO, DECEMBER 12, 1945 TO JANUARY 3, 1947

SUMMARY

Future requirements--This detailed publication of geomagnetic indices has been prepared in order that judgment of future requirements may be made. It is evident that the K-index is superior to the character-figure and, since, these two have been carried simultaneously for quite a portion of a sunspot-cycle, the question of continuance of the character-figures may well be raised.

When the lower limits of K-9 classified by groups for all contributing observatories are examined, it is found that there are twenty-one observatories using the gamma-limits of 300 and 350, fourteen observatories using the limits 500 and 550, eight using the limits 600 and 750, and eight from 1,000 to 2,500 inclusive. In all probability, the purpose of having the K-index describe the activity of the Earth's magnetic field, both with respect to geomagnetic latitude and geomagnetic longitude, could be fulfilled by a smaller number of contributing observatories, say of the order of twenty.

TABLES FOR C AND K

[Nos. 1, 1a, 2, 3, 4, 4a, 5, 6, and 7]

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1	Magnetic character-figures, C, with selected quiet and disturbed days and days recommended for reproduction of magnetograms, January 1, 1940 to December 31, 1946	28-111
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66 obs. duho i 46

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1940
JANUARY

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	1	0	2	2	2	1	2	2	1	2	1	1	2	1	0	0	1	1	2	0	1	1	1	1	1	0	0	0	1	1	2	33
CC	1	1	2	1	0	2	1	1	1	1	1	2	1	1	0	1	1	1	0	1	0	1	1	1	1	1	0	0	1	1	2	29
Dl	1	1	2	1	1	2	2	1	1	2	2	2	0	0	0	1	1	2	0	1	0	1	1	1	1	1	0	0	1	2	2	32
MS	1	1	1	1	1	2	1	1	1	1	1	2	1	0	1	1	2	2	1	1	0	1	1	1	1	1	0	0	1	1	2	32
Ti																																
Tr	1	2	2	2	1	2	2	1	1	2	2	2	0	0	1	1	2	2	0	0	0	0	0	2	2	0	0	0	2	2	2	36
Al	2	2	2	2	2	2	2	1	2	2	2	2	1	2	2	2	2	2	1	2	1	2	1	2	2	1	0	0	2	2	2	52
So	1	2	2	2	2	2	2	1	2	2	2	2	1	1	2	2	2	2	1	1	1	2	1	2	2	1	0	0	2	2	2	49
We	0	1	2	2	0	2	1	0	1	2	2	2	0	0	0	1	2	2	1	0	0	0	0	1	1	0	0	0	1	1	2	27
Sr	0	1	2	2	1	1	1	1	1	2	1	1	0	0	0	1	2	2	1	1	0	1	0	1	1	0	0	0	1	1	1	27
Do																																
Ya	0	0	1	1	0	1	1	0	1	1	1	1	0	0	0	0	1	2	0	0	0	0	0	0	-	0	0	0	1	1	1	14
Le	0	1	2	1	0	1	1	0	1	1	1	1	0	0	0	0	1	2	0	0	0	0	0	1	0	0	0	0	1	1	1	17
Sl	0	1	2	1	0	1	1	0	1	2	1	1	0	0	0	0	1	2	0	0	0	0	0	1	0	0	0	0	1	1	1	18
Lo	1	2	2	2	2	2	2	1	2	2	2	2	1	0	1	2	2	2	2	2	1	2	1	2	2	1	1	0	2	2	2	50
Si	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	2	1	1	0	1	1	1	1	0	0	0	1	1	1	27
VD	0	1	2	1	1	1	1	1	1	2	1	1	0	0	0	1	1	2	0	0	0	1	0	1	1	0	0	0	1	1	2	24
RS	1	1	2	2	2	2	2	1	2	2	2	2	1	0	1	2	2	2	0	2	0	2	1	2	1	0	0	0	2	2	2	43
Za	1	1	2	2	1	1	1	1	1	2	1	1	0	1	0	1	1	2	1	1	1	1	1	1	1	1	0	0	1	1	1	31
KP																																
Es	0	1	2	1	1	1	1	0	1	1	1	1	0	0	0	1	1	2	1	0	0	1	0	1	1	0	0	0	1	1	1	22
Me	1	1	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	1	0	1	1	2	34
Sy	1	2	2	2	1	2	2	1	2	2	2	2	0	0	1	1	2	2	0	1	0	0	0	2	1	0	0	0	2	1	2	36
Wi	1	1	2	2	2	2	2	1	2	2	2	2	0	0	1	2	2	2	0	1	0	1	1	2	1	0	0	0	2	1	2	39
Zy	0	1	2	1	0	1	1	1	1	1	1	1	0	0	0	1	1	2	0	0	0	-	0	1	1	0	0	0	1	1	2	21
Ni																																
Nz	1	1	2	2	1	1	1	1	1	2	2	1	0	0	0	1	1	2	1	0	0	0	1	1	1	0	0	0	1	1	2	28
Ab	1	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	1	1	0	1	1	1	1	1	1	1	1	1	1	31
Ja																																
Fu	0	0	2	2	1	1	1	0	1	2	2	1	0	0	0	0	1	2	0	0	0	0	0	1	0	0	0	0	1	1	2	21
CF	0	1	2	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2	0	0	0	0	0	0	1	0	0	0	1	1	1	20
OG																																
Na	1	1	2	1	1	1	1	1	1	2	2	2	1	0	0	1	1	2	1	1	0	1	1	1	1	0	0	0	1	1	2	31
St	0	0	2	1	0	1	1	0	1	1	1	1	0	0	0	0	1	2	0	0	0	0	0	1	0	0	0	0	1	1	1	16
Ag	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	1	1	1	0	1	0	1	1	1	24
Mt	0	0	2	1	0	1	1	0	1	2	1	1	0	0	0	1	1	2	1	1	0	1	0	1	1	0	0	0	1	1	1	22
Du	0	0	2	1	0	1	1	0	0	1	2	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	1	1	1	15
Ke	0	1	2	1	0	1	1	0	1	2	2	2	0	0	0	0	1	2	0	0	0	1	0	1	1	0	0	0	1	2	2	24
Cl	-	-	-	-	0	-	1	0	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	1	2	11
Eb																																
Ch	0	0	1	1	1	1	1	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	12
SM	0	0	2	1	1	2	2	1	2	2	2	2	1	1	0	1	1	2	1	1	0	0	1	0	1	0	1	0	1	1	2	32
SF	0	0	2	1	1	1	1	1	1	1	2	1	0	0	0	0	1	2	0	0	0	0	0	1	1	0	0	0	1	1	1	20
Ka	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	0	1	0	1	1	1	25
Ks	1	1	2	1	1	1	1	1	1	2	2	1	0	0	0	1	1	2	-	0	0	1	1	1	1	0	0	0	1	1	2	27
Tu	0	0	2	1	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	2	12
ZS	0	0	1	1	0	1	1	0	1	2	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	1	1	1	18
DD																																
He	1	1	2	1	1	2	2	0	2	2	2	2	0	0	0	1	2	2	2	0	0	0	1	0	0	1	0	0	0	1	2	30
Ta																																
AT	0	0	1	1	0	1	1	0	1	1	1	1	0	0	0	1	1	1	0	1	0	1	1	1	1	0	0	0	0	1	1	18
Ho	0	0	1	1	0	1	1	0	0	1	1	1	0	0	0	1	1	1	0	0	0	1	0	0	1	0	0	0	1	1	1	15
Te	0	0	2	2	0	0	1	0	0	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	2	12
Al	1	1	2	1	1	1	1	1	1	2	1	1	0	1	1	1	2	2	1	1	0	1	1	1	1	0	1	0	1	2	2	33
SJ	0	-	-	0	-	1	1	0	0	0	-	1	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	8
An	1	1	2	2	1	1	1	1	1	2	2	1	1	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	38
Ku	0	0	2	1	0	1	1	0	1	2	2	1	0	0	0	1	1	2	1	1	0	1	1	1	1	0	0	0	1	1	1	24
El																																
Hu	0	0	1	1	1	1	1	0	0	1	1	1	0	0	0	1	1	1	1	0	0	0	0	1	1	0	0	0	0	1	1	16
Ap	0	0	1	1	0	1	1	0	1	1	1	1	0	0	0	1	1	1	1	0	0	0	1	0	1	0	0	0	1	1	1	17
Va	1	1	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	35
Wa	0	0	2	1	0	1	1	0	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	14
Pi	0	0	2	1	0	0	1	0	0	2	2	0	0	0	0	0	0	2	0	0	0	1	0	0	1	0	0	0	0	0	1	13
CT	0	0	2	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	8
To																																
Am	0	1	2	1	1	1	1	0	0	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	17
Sums	25	38	(97)	67	39	63	64	30	53	83	77	67	16	10	15	43	65	(95)	27	26	8	33	26	48	47	9	9	3	51	64	82	1380
No. of 0	30	20	0	2	21	4	2	26	10	1	0	3	40	46	42	17	3	0	29	32	47	25	29	14	11	46	46	52	11	1	0	610
char- 1	23	28	9	37	27	37	42	28	37	25	31	37	14	8	11	33	39	15	23	20	8	25	26	34	39	9	9	3	37	44	28	786
acters 2	1	5	44	15	6	13	11	1	8	29	23	15	1	1	2	5	13	40	2	3	0	4	0	7	4	0	0	0	7	10	27	297

Selected days: Five quiet -- 14, 21, 26, 27, 28
Five disturbed -- 3, 10, 11, 18, 31

Days recommended for reproduction of magnetograms -- 3

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1940
FEBRUARY--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	1	0	1	1			32
CC	2	2	2	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	1	0	0	1			26
Di	2	1	1	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	2	1	0	0	1			20
MS	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	2	1	1	1	1			29
Ti																																
Tr	2	1	2	1	1	2	2	2	1	1	2	2	1	1	1	1	0	0	0	2	2	2	2	2	2	1	0	1	1			38
Ai	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	0	0	1	2	2	2	2	2	2	2	1	-	2			46
So	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	1	0	1	2	2	1	2	2	2	2	1	1	2			47
We	2	1	1	1	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	0	1			13
Sr	2	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	1	0	0	1			24
Do																																
Ya	2	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0	2	0	0	0	1			12
Le	1	1	1	1	0	1	1	1	0	0	1	1	1	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	1			15
Sl	1	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1			11
Lo	2	2	2	2	1	2	2	2	1	1	2	2	2	1	1	1	0	0	0	2	1	1	2	2	2	2	1	1	2			42
Si	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1			22
VD	2	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	0	0	0	1	1	1	1	1	2	1	0	0	1			23
RS	2	2	2	2	1	2	2	1	1	1	2	2	2	2	1	1	0	0	0	2	2	1	2	1	2	2	1	1	2			40
Za	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	2	1	1	1	1			27
KP																																
Es	1	1	1	1	0	1	1	1	0	0	1	1	1	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	1			15
Me	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	2	1	1	1	1			30
Sy	2	1	2	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	0	1	1	1	1	2	2	2	0	1	1			28
Wi	2	2	2	1	1	2	1	1	1	1	1	2	1	0	1	0	0	0	0	1	1	1	1	1	2	1	0	1	1			30
Zy	2	1	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	2	1	0	0	1			13
Ni																																
Nz	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	1	1	0	1			27
Ab	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	2	1	1	1	1			29
Ja																																
Fu	2	1	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	0	0	0	2	1	0	0	0			12
CF	1	1	1	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	1	1	1	0	0	1			15
OG																																
Na	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	1	1	1	1	2	1	0	1	1			26
St	1	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	1			10
Ag	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	2	0	1	0	1			23
Mt	1	1	1	0	0	1	1	1	0	0	1	1	1	0	1	0	0	0	0	1	1	1	0	0	2	1	0	0	1			17
Du	2	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0			7
Ke	2	1	2	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	1	2	0	0	0	1			18
Ci	2	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1			10
Eb																																
Ch	1	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	1			11
SM	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	1	1	1	1	2	0	0	0	1			14
SF	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0			16
Ka	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1			25
Ks	1	1	1	1	1	1	1	1	-	1	1	1	1	0	1	1	0	0	0	1	1	1	0	1	1	1	0	0	1			21
Tu	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0			7
ZS	1	1	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	2	1	0	0	ı			14
DD																																
He	2	1	2	1	0	1	1	1	0	1	1	2	1	0	0	1	0	0	0	1	1	0	0	2	2	1	0	0	0			22
Ta																																
AT	1	1	1	1	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	1			16
Ho	1	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0			9
Te	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0			5
Al	1	1	1	1	0	1	0	0	0	1	1	1	1	1	0	0	1	0	1	1	1	0	1	1	2	1	0	1	1			21
SJ	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0			4
An	2	2	2	1	1	2	2	1	1	1	1	2	1	1	1	1	1	0	0	2	2	1	1	1	2	1	1	1	1			36
Ku	1	1	1	1	0	1	1	1	0	0	1	1	0	0	0	0	1	0	0	1	1	1	0	1	2	1	0	1	1			19
El																																
Hu	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0			6
Ap	1	1	1	0	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	1			17
Va	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	1	1	1	1			30
Wa	1	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0			7
Pi	1	0	0	0	0	1	0	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1			10
CT	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0			2
To																																
Am	1	1	0	0	0	1	1	0	0	0	0	1	0	0	1	0	0	0	0	1	1	1	0	0	1	0	0	0	0			10
Sums	84	55	59	35	30	56	48	39	22	23	41	57	38	18	24	24	10	0	5	55	55	35	34	47	89	38	13	18	47			1099
No. of 0	0	8	8	23	28	7	14	20	34	33	20	7	21	37	31	31	45	55	50	6	6	23	26	14	0	22	42	36	12			659
char- 1	26	39	35	29	24	40	34	31	18	21	29	39	30	18	24	24	10	0	5	43	43	29	24	35	21	28	13	18	39			769
acters 2	29	8	12	3	3	8	7	4	2	1	6	9	4	0	0	0	0	0	0	6	6	3	5	6	34	5	0	0	4			165

Selected days: Five quiet -- 14, 17, 18, 19, 27
Five disturbed -- 1, 2, 3, 12, 25

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1940
MARCH--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	0	0	1	0	0	0	0	1	1	1	0	1	1	1	0	1	0	0	1	2	1	1	2	2	2	2	1	2	2	2	2	30
CC	1	0	1	0	0	0	0	1	1	0	0	0	1	1	0	1	0	0	1	1	1	1	1	2	2	1	1	1	1	2	2	24
Di	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	1	0	0	1	2	2	1	1	1	1	2	2	19
MS	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0	1	2	1	1	1	2	2	1	1	1	2	2	2	34
Ti																																
Tr	0	0	0	0	0	0	0	2	2	0	0	2	1	1	0	1	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	35
Ai	1	1	1	2	0	0	0	2	2	1	0	2	2	2	0	2	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	44
So	1	0	1	1	0	0	0	2	2	1	0	2	2	1	0	2	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	41
We	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	1	1	0	0	2	2	2	1	1	1	2	2	2	20
Sr	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0	1	1	1	0	1	2	2	2	1	1	2	2	2	23
Do																																
Ya	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	2	1	0	0	2	2	2	14
Le	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	1	1	1	1	2	2	2	2	1	1	2	2	2	24
Sl	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	2	1	1	1	2	2	2	2	1	1	2	2	2	25
Lo	1	1	1	1	0	0	0	2	2	1	0	2	1	1	0	1	0	0	2	2	1	2	2	2	2	2	2	2	2	2	2	39
Si	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	1	1	1	1	1	2	2	1	1	1	2	2	2	24
VD	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	0	0	1	2	2	2	1	1	2	2	2	19
RS	0	0	1	1	0	0	0	2	2	1	0	2	1	1	0	1	0	0	2	2	1	2	2	2	2	2	1	1	2	2	2	37
Za	1	0	1	0	0	0	0	1	1	0	0	1	1	1	-	1	0	0	1	1	1	1	2	2	2	2	1	1	1	2	2	27
KP																																
Es	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	1	1	1	1	2	2	2	2	1	1	2	2	2	24
Me	1	1	1	0	1	0	0	1	2	1	0	1	1	2	0	1	1	0	1	2	1	1	2	2	2	2	2	1	2	2	2	36
Sy	0	0	0	0	0	0	0	2	1	0	0	2	1	0	0	0	0	0	2	2	1	1	2	2	2	2	2	2	2	2	2	30
Wi	1	0	1	1	0	0	0	2	2	1	0	2	1	1	0	1	0	0	2	2	1	2	2	2	2	2	2	1	2	2	2	37
Zy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	2	1	1	0	2	2	2	15
Ni																																
Nz	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	1	1	1	1	1	2	2	2	1	1	2	2	2	23
Ab	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	2	2	2	2	1	1	2	2	2	34
Ja																																
Fu	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	2	2	1	1	2	2	2	2	2	2	2	2	2	27
CF	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	1	0	0	2	2	2	2	1	1	2	2	2	21
OG	0	-	-	-	-	0	0	1	1	0	0	2	1	1	0	1	0	0	1	2	1	1	2	2	2	2	2	1	2	2	2	29
Na	1	0	1	0	0	0	0	1	1	0	0	1	1	0	0	1	0	0	1	2	1	1	2	2	2	2	2	1	2	2	2	28
St	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	2	1	1	1	2	2	2	15
Ag	1	0	1	0	0	0	0	1	2	1	0	1	1	1	0	1	0	0	1	1	1	1	2	2	2	2	1	1	2	2	2	30
Mt	0	0	0	0	0	0	0	1	1	0	0	1	1	0	1	0	1	0	1	1	1	0	1	2	2	2	1	1	1	2	2	23
Du	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	2	2	1	1	0	2	2	2	16
Ke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	2	2	-	-	-	-	-	10
Cl	0	0	0	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	1	2	2	24
Eb																																
Ch	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	1	0	0	1	2	2	1	1	1	2	2	2	19
SM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	2	2	1	1	1	1	2	1	16
SF	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	1	1	1	1	1	2	2	2	1	1	2	2	1	22
Ka	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	0	0	1	2	2	1	1	1	2	2	2	18
Ks	0	0	1	1	0	1	0	1	1	0	0	1	1	1	0	1	0	0	1	1	1	1	2	2	2	2	1	1	2	2	2	29
Tu	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	0	0	1	2	2	2	1	1	2	2	2	19
ZS	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	1	1	1	0	1	2	2	1	1	1	2	2	1	19
DD																																
He	0	0	1	1	0	0	0	0	1	0	0	2	0	0	0	0	0	0	2	1	1	0	2	2	2	2	2	1	2	2	2	26
Ta																																
AT	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1	1	1	2	1	18
Ho	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	1	1	0	0	1	2	1	1	1	1	1	2	1	17
Te	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	2	2	2	2	2	2	2	21
Al	1	1	1	0	0	0	0	1	1	0	0	2	1	1	0	1	0	1	2	2	1	0	2	2	2	2	1	1	2	2	2	32
SJ	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	2	2	1	1	2	2	2	19
An	1	0	1	0	1	1	1	1	2	1	1	1	1	1	1	1	0	0	2	2	2	1	2	2	2	2	1	1	2	2	2	39
Ku	0	0	0	0	0	0	1	1	1	1	1	2	1	1	0	1	0	0	2	2	1	1	2	2	1	2	2	2	1	2	2	32
El																																
Hu	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	2	1	1	1	2	2	2	17
Ap	0	0	0	0	0	0	1	1	1	0	0	1	1	1	0	0	0	0	1	1	1	0	1	2	2	2	2	2	2	2	2	25
Va	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1	1	2	2	2	2	1	1	2	2	2	34
Wa	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	1	0	1	2	2	2	1	1	2	2	2	19
Pi	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1	2	2	2	1	0	2	2	2	19
CT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	2	2	2	1	1	2	2	2	17
To																																
Am	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	1	1	0	1	2	2	1	1	1	2	2	2	19
Sums	15	6	18	12	4	3	6	45	59	14	5	57	34	25	3	22	5	2	67	70	42	35	84	112	110	91	70	61	105	110	105	1397
No. of 0	41	49	37	44	51	53	50	18	6	42	51	11	24	33	52	36	51	54	2	2	18	27	0	0	0	0	1	4	0	0	0	757
char- 1	15	6	18	10	4	3	6	31	41	14	5	33	30	21	3	18	5	2	41	38	34	23	28	0	2	21	38	41	5	0	5	541
acters 2	0	0	0	1	0	0	0	7	9	0	0	12	2	2	0	2	0	0	13	16	4	6	28	56	54	35	16	10	50	55	50	428

Selected days: Five quiet -- 6, 7, 11, 15, 18
Five disturbed -- 24, 25, 29, 30, 31

Days recommended for reproduction of magnetograms -- 24 , 29+

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1940
APRIL--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	2	2	2	1	1	1	0	0	0	0	0	0	1	1	2	1	1	1	1	0	1	2	1	1	1	1	1	1	1	1		28
CC	2	2	2	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1		18
Di	2	2	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	2	2	1	1	1	1		19
MS	2	1	2	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	2	1	1		28
Ti																																
Tr	2	2	2	1	2	1	0	0	0	0	0	0	1	1	2	2	1	0	1	1	1	2	2	1	2	2	2	2	1	1		35
Ai	2	2	2	2	2	2	0	0	0	0	0	0	2	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2		43
So	2	2	2	2	1	1	0	1	0	0	1	0	1	1	2	2	1	0	1	1	2	1	2	2	2	2	2	2	2	2		40
We	2	1	2	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	2	2	1	1	0	1		17
Sr	2	2	2	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	1	0	0	2	1	1	1	0	1		20
Do																																
Ya	2	1	-	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	2	0	0	-	2	-	1	0	1		15
Le	2	2	2	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	2	2	1	1	1	1		20
Si	2	1	2	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	0	2	1	0	0	0	1		14
Lo	2	2	2	2	2	1	0	1	0	0	1	0	2	1	2	2	1	0	1	1	1	2	2	2	2	2	2	1	2	1		40
Si	1	1	2	1	1	1	0	0	0	0	1	0	1	1	1	1	-	0	1	1	1	1	0	0	2	1	1	1	1	1		23
VD	2	1	2	1	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	1	1	0	0	2	1	0	0	0	1		17
RS	2	2	2	2	2	1	0	0	0	0	1	0	2	1	2	1	1	0	1	1	1	2	1	1	2	2	2	1	1	1		35
Za	1	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	0	2	1	1	1	0	1		18
KF																																
Es	2	2	2	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0	2	2	1	1	1	1		21
Me	2	2	2	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1		31
Sy	2	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	1	0	2	2	1	0	0	0		16
Wi	2	2	2	1	1	1	0	0	0	0	1	0	1	1	2	1	1	0	1	1	1	2	1	1	2	2	1	1	1	1		31
Zy	2	1	2	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	0	0	2	1	0	0	0	1		15
Ni																																
Nz	2	1	2	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	1	1	0	0	2	1	0	0	0	1		16
Ab	2	2	2	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1		32
Ja																																
Fu	2	2	2	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	2	1	1	0	1	1		20
CF	2	2	2	1	1	0	0	0	0	0	1	0	1	1	1	1	1	0	1	1	1	1	1	1	2	2	1	1	1	1		28
OG	2	1	2	1	-	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	0	2	2	1	1	1	0		19
Na	2	2	2	1	1	1	0	0	0	0	1	0	1	1	1	1	0	0	0	1	1	1	1	1	2	2	1	1	1	1		27
St	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0		9
Ag	2	2	2	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	2	2	1	1	1	1		28
Mt	2	1	2	1	1	1	0	0	0	0	1	0	1	1	1	1	0	0	0	1	1	1	0	0	2	1	1	1	0	1		22
Du	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	1	0	0	0	1		13
Ke	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	1	0	0	0	1		15
Cl	2	1	2	2	1	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	1	0	0	0	2	1	1	0	0	1		19
Eb																																
Cn	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	1	1	0	0	0	0		12
SM	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	2	1	0	1	0		11
SF	2	2	2	1	1	1	0	0	0	0	1	0	1	1	1	1	0	0	0	1	1	1	1	1	2	1	1	1	1	1		26
Ka	1	1	2	1	1	1	0	0	0	0	1	0	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1		22
Ks	1	2	2	1	1	1	0	0	0	0	1	0	1	1	1	1	0	0	1	1	1	1	1	1	2	1	1	1	1	1		26
Tu	2	1	2	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	1	1	0	0	0	1		13
ZS	1	1	2	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	0	0	2	1	0	0	0	1		14
DD	2	1	2	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	2	1	0	0	0	1		15
He	2	2	2	1	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	1	1	1	0	0	2	2	1	0	0	1		19
Ta																																
AT	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	1	1	1	0	0	1		12
Ho	1	1	2	1	0	0	0	0	0	0	-	0	-	0	1	1	0	0	0	1	1	1	0	0	2	1	0	1	0	1		15
Te	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	1	1	0	0	0		21
Al	2	1	2	1	1	0	0	0	0	0	1	1	2	1	1	0	0	0	0	1	1	1	0	1	2	1	0	1	0	0		21
SJ	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	-	2	1	0	0	0	1		12
An	2	1	2	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	0	2	1	1	1	1	1		30
Ku	2	1	2	1	0	0	0	0	1	0	0	0	1	1	1	1	0	0	1	1	2	1	1	0	2	1	1	1	1	0		23
El																																
Hu	1	1	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	2	1	0	0	0	0		11
Ap	2	1	2	1	1	0	0	-	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	1	2	1	0	1	-	1		18
Va	1	2	2	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1		31
Wa	1	1	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0		10
Pi	1	2	2	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	0	1	1	2	2	1	0	0	0		17
CT	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0		7
To																																
Am	2	1	2	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1	1	0	0	0	1		13
Sums	100	81	108	61	35	23	2	6	4	1	18	4	40	32	55	41	15	6	17	42	53	57	29	24	102	78	43	37	30	47		1191
No. of 0	0	2	0	3	26	36	55	50	53	56	38	53	20	25	9	20	41	51	40	16	9	9	32	35	0	0	19	24	29	12		763
char- 1	14	29	4	47	25	19	2	6	4	1	18	4	32	32	41	33	15	6	17	40	43	39	21	18	10	36	31	29	24	43		683
acters 2	43	26	52	7	5	2	0	0	0	0	0	0	4	0	7	4	0	0	0	1	5	9	4	3	46	21	6	4	3	2		254

Selected days: Five quiet -- 7, 8, 9, 10, 12
Five disturbed -- 1, 2, 3, 25, 26

Days recommended for reproduction of magnetograms -- 2, 25

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1940
MAY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	1	0	1	0	1	1	1	1	2	2	1	1	1	0	1	2	1	1	1	2	1	2	1	2	1	1	0	-	-	31
CC	1	-	0	0	0	0	1	0	1	1	1	2	1	1	1	0	1	2	1	1	1	2	1	2	1	2	1	1	1	0	0	27
Di	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	2	0	0	0	1	0	2	1	2	1	1	1	0	0	17
MS	1	1	1	1	1	0	1	0	1	2	2	2	1	1	2	1	1	2	1	1	0	2	1	2	1	1	1	1	0	0	-	32
Ti																																
Tr	1	1	1	0	0	0	1	1	2	2	2	2	2	2	2	1	2	2	2	1	1	2	1	2	2	2	2	2	2	1	1	45
Ai	1	1	-	1	1	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	49
So	1	0	0	0	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	1	0	0	42
We	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	2	0	0	0	2	0	2	0	1	1	1	0	0	0	15
Sr	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	2	0	0	0	2	1	2	0	1	1	1	0	0	0	15
Do																																
Ya	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	2	0	0	0	1	0	-	0	1	0	0	0	0	-	10
Le	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	22
Si	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	1	2	0	0	0	1	0	2	1	1	1	1	0	0	0	15
Lo	1	1	0	1	1	0	1	0	1	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	0	43
Si	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	2	1	1	1	1	1	0	0	20
VD	1	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	1	1	1	1	0	1	1	2	1	1	1	1	1	0	0	18
RS	1	1	0	0	0	0	1	0	1	2	2	2	1	1	2	1	2	2	2	2	1	2	2	2	2	2	2	2	1	0	0	39
Za	1	0	1	0	0	0	1	0	0	1	1	1	1	1	1	0	1	2	1	1	1	1	1	2	1	1	1	1	0	0	0	23
KF																																
Es	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	22
Me	1	1	1	1	1	0	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	2	1	2	1	2	1	1	1	0	0	33
Sy	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	2	1	0	0	2	2	2	1	2	2	1	1	0	0	22
Wi	1	1	0	1	1	0	1	1	1	2	2	2	1	1	1	1	1	2	1	2	1	2	2	2	2	2	2	2	1	0	0	39
Zy	0	-	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	2	0	0	0	2	1	2	0	1	1	1	0	0	0	15
Ni																																
Nz																																
Ab	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	30
Ja																																
Fu	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	2	1	1	0	1	2	2	1	2	1	1	0	0	0	22
CF	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0	22
OG	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	-	-	21
Na	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	2	1	1	1	1	2	2	1	1	1	1	1	0	0	23
St	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	2	0	1	0	0	0	0	0	7
Ag	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	2	1	1	1	1	1	0	0	31
Mt	1	1	0	0	1	0	0	-	-	-	-	-	-	1	1	0	1	2	1	1	0	1	1	2	0	1	1	1	1	0	0	18
Du	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	2	0	1	0	0	0	0	0	6
Ke	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	2	2	0	1	0	0	0	0	0	8
Cl	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	0	0	0	0	16
Eb																																
Cn	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	0	0	0	10
SM	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	2	1	0	1	2	1	2	1	1	1	1	0	0	0	23
SF	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	21
Ka	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	23
Ks	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	1	1	-	1	1	1	2	2	1	-	1	1	1	0	0	22
Tu	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	1	0	0	0	1	1	1	0	1	1	1	0	0	0	11
ZS	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	1	1	1	1	0	1	1	2	1	1	1	1	1	0	0	18
DD	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2	0	0	0	1	1	2	0	1	0	0	0	0	0	9
He	1	0	0	0	0	0	0	1	0	2	2	1	1	0	1	0	1	2	1	1	0	2	2	2	1	1	2	0	0	0	0	24
Ta																																
AT	1	1	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	14
Ho	0	0	0	0	0	0	1	0	1	1	1	1	0	1	1	0	0	1	0	0	1	1	1	1	0	1	1	1	0	0	0	15
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	2	0	1	0	0	0	0	0	7
Al	1	1	0	0	0	0	1	0	1	1	1	1	1	0	1	0	1	2	1	1	1	1	1	2	1	1	1	1	1	0	0	24
SJ	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	2	0	0	1	1	2	2	0	2	0	1	0	0	0	14
An	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1	1	1	1	1	0	0	32
Ku	1	0	1	0	1	0	0	0	1	1	1	1	1	1	1	0	1	2	1	1	1	2	2	2	1	2	1	1	0	0	0	27
El																																
Hu	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	0	0	0	14
Ap	0	0	0	0	1	0	0	0	0	1	1	1	0	-	1	1	0	1	1	0	1	-	1	2	1	1	1	1	0	0	0	16
Va	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	28
Wa	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	1	0	0	0	1	1	1	0	1	1	0	0	0	0	10
Pi	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	0	0	0	1	1	2	0	2	1	1	0	0	0	15
CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2
To																																
Am	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	0	0	0	1	0	1	0	1	1	1	0	0	0	10
Sums	25	15	11	8	14	0	20	12	33	58	55	59	35	44	54	22	41	85	41	37	32	73	66	101	43	68	55	51	23	4	2	1187
No. of 0	31	39	44	48	42	56	36	43	25	5	8	6	23	15	8	37	20	0	19	23	26	1	6	0	19	2	9	11	35	50	50	737
char- 1	25	15	11	8	14	0	20	12	27	42	39	39	29	36	42	16	31	27	31	29	28	35	34	9	31	38	39	39	19	4	2	771
acters 2	0	0	0	0	0	0	0	0	3	8	8	10	3	4	6	3	5	29	5	4	2	19	16	46	6	15	8	6	2	0	0	208

Selected days: Five quiet -- 3, 4, 6, 30, 31
Five disturbed -- 18, 22, 23, 24, 26

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1940
JUNE--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	1	0	1	2	2	2	1	1	1	1	1	2	2	1	1	1	2	1	1	2	1	1	2	1	1	1	1	1		36
CC	0	1	0	0	1	2	1	1	1	0	1	0	0	1	2	1	1	1	1	0	0	1	1	1	2	1	1	1	-	1		24
Di	0	1	0	0	0	2	1	1	1	0	0	0	0	2	1	1	1	1	1	0	0	1	1	1	2	1	1	0	0	1		21
MS	0	1	1	0	1	2	2	1	1	0	1	1	0	2	2	1	1	1	1	1	0	1	1	-	-	1	1	1	0	1		26
Ti																																
Tr	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	1	1	1	2		44
Ai	1	2	2	2	2	2	2	2	2	2	1	0	1	2	2	2	2	2	2	-	0	2	2	2	2	2	-	1	1	2		47
So	1	2	1	1	2	2	2	2	2	1	1	0	1	2	2	2	2	2	1	0	0	1	2	2	2	2	1	1	1	2		43
We	0	1	0	0	0	2	1	1	1	0	0	0	0	2	2	1	1	1	0	0	0	0	0	2	2	1	0	0	0	0		18
Sr	0	0	-	0	0	1	1	1	1	0	0	0	0	2	1	1	1	1	1	0	0	1	0	1	2	1	1	0	0	0		17
Do																																
Ya	0	0	-	0	0	2	1	0	0	0	0	0	0	2	1	0	0	-	-	0	0	1	0	1	-	1	0	0	0	0		9
Le	0	0	0	0	0	1	1	1	1	0	0	0	0	2	1	1	1	1	1	0	0	0	1	1	2	1	0	1	0	1		18
Sl	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0		8
Lo	1	1	2	0	1	2	2	2	2	1	1	1	1	2	2	1	1	2	2	0	1	2	2	2	2	2	1	1	1	2		43
Si	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	0	1	2	1	1	0	0	1		18
VD	0	0	0	0	0	1	1	1	1	0	0	0	0	2	1	0	0	1	1	0	0	1	0	1	2	1	1	0	0	1		16
RS	1	2	2	1	1	2	2	2	2	2	1	1	1	2	2	1	2	2	2	0	1	1	2	2	2	2	1	2	1	2		47
Za	1	1	1	0	1	1	1	1	1	0	0	1	1	2	1	1	1	1	1	0	0	1	0	1	2	1	1	1	1	1		26
KP																																
Es	0	0	0	0	0	1	1	1	1	0	0	0	0	2	1	1	1	1	1	0	0	0	1	1	2	1	0	1	1	1		19
Me	0	1	1	0	1	2	2	1	2	1	0	0	1	1	2	2	1	2	1	1	1	1	1	1	2	2	1	1	1	1		34
Sy	0	1	0	0	1	2	2	1	2	0	0	0	0	2	2	1	0	1	0	0	0	1	0	1	2	2	0	1	1	1		24
Wi	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	1	2	1	1	0	1	1	1	2	2	2	1	2	2	1		41
Zy	0	0	0	0	0	1	1	0	0	0	0	0	0	2	1	0	0	1	1	0	0	1	0	1	2	1	0	0	0	0		12
Ni																																
Nz																																
Ab	0	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1		33
Ja																																
Fu	0	0	1	0	2	2	2	2	1	0	0	1	0	2	2	1	1	0	1	0	0	1	0	1	2	2	0	0	1	1		26
CF	0	0	1	0	0	1	1	1	1	0	0	1	1	2	1	1	1	1	0	0	0	0	0	1	2	1	0	0	0	1		18
OG	-	-	-	-	-	1	1	1	1	1	0	0	0	-	-	1	1	1	1	0	0	0	0	1	2	1	1	1	1	1		17
Na	0	1	1	0	1	1	1	1	1	0	1	0	2	1	1	1	1	1	1	0	0	1	0	1	2	1	1	1	1	1		25
St	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0		8
Ag	0	1	1	0	1	2	2	1	1	1	0	0	0	1	2	1	1	2	1	0	0	1	1	1	2	1	1	0	0	1		26
Mt	0	0	1	0	1	1	1	1	1	0	0	0	0	1	1	1	1	-	-	0	-	-	-	1	2	1	0	0	1	1		16
Du	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	2	1	0	0	1	0		12
Ke	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0		6
Ci	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	2	2	0	1	0	1		13
Eb																																
Ch	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	0	1	0	0	0	0	0	1	2	1	0	0	0	0		12
SM	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	1	2	1	1	0	0	0		17
SF	0	1	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	2	1	1	1	1	1		22
Ka	0	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	0	1	2	1	1	1	1	1		25
Ks	0	1	1	0	1	1	1	1	1	0	0	1	0	2	1	1	1	1	1	0	0	1	1	1	2	2	1	1	1	1		26
Tu	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	2	1	0	0	0	0		13
ZS	0	1	1	0	1	1	1	1	1	0	0	1	0	1	1	1	0	1	1	0	0	1	0	1	2	1	1	0	1	1		21
DD	0	0	0	0	1	1	1	0	1	0	0	0	0	2	1	0	0	0	0	0	0	1	0	1	2	1	0	0	1	0		13
He	0	0	0	0	1	1	2	1	1	0	0	0	0	2	1	1	0	1	0	0	0	2	1	1	2	2	0	1	1	0		21
Ta																																
AT	0	0	0	0	1	1	1	0	1	0	0	1	0	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		9
Ho	0	1	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	2	1	0	0	0	0		18
Te	0	0	0	0	1	1	1	0	0	0	0	0	0	2	2	1	1	0	0	0	0	0	0	1	2	2	1	1	1	0		17
Al	0	1	1	1	1	1	1	1	1	0	0	0	0	2	1	1	1	1	1	0	0	1	1	1	2	1	0	1	1	0		23
SJ	0	0	0	0	1	1	1	1	0	0	0	0	0	2	1	0	0	1	0	0	0	0	0	1	2	1	0	0	0	0		12
An	0	1	1	1	1	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1		36
Ku	0	1	0	0	1	2	2	1	1	0	0	0	0	2	2	2	1	1	0	0	0	1	0	1	2	1	1	0	1	1		24
El																																
Hu	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	1	2	1	0	0	0	1		12
Ap	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	1	0	1	2	1	1	0	0	0		15
Va	0	1	1	1	1	1	1	1	1	0	1	1	2	1	1	1	1	1	1	0	0	1	1	1	2	2	1	1	1	1		29
Wa	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	2	1	0	0	0	0		10
Pi	0	0	0	0	1	2	1	0	0	0	0	0	0	2	2	0	0	1	0	0	0	1	0	1	2	1	0	0	1	1		16
CT	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0		3
To																																
Am	0	0	0	0	0	1	1	0	1	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	2	1	0	0	0	0		10
Sums	7	29	25	10	38	75	69	55	51	18	11	17	14	87	72	48	43	51	38	6	8	43	26	55	106	68	28	28	30	39		1195
No. of 0	48	29	31	46	20	1	2	9	13	40	45	39	42	0	2	13	18	9	20	48	46	16	32	6	0	2	26	29	25	21		678
char- 1	7	23	19	8	32	35	39	39	35	14	11	17	14	23	34	38	33	37	28	6	8	33	18	41	0	38	28	24	28	29		739
acters 2	0	3	3	1	3	20	15	8	8	2	0	0	0	32	19	5	5	7	5	0	0	5	4	7	53	15	0	2	1	5		228

Selected days: Five quiet -- 1, 4, 11, 20, 21
Five disturbed -- 6, 7, 14, 15, 25

Days recommended for reproduction of magnetograms -- 25

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1940
JULY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	1	2	2	1	1	0	1	2	1	1	2	2	1	1	1	0	1	0	1	2	1	1	1	1	1	1	1	1	1	33
CC	0	0	1	1	1	1	0	0	1	1	1	0	2	2	1	1	0	0	0	0	1	1	0	1	0	0	0	0	0	1	1	18
Di	0	0	1	1	1	1	0	0	1	2	1	0	2	2	1	0	0	0	0	0	1	1	0	1	1	0	0	0	0	1	1	19
MS	0	1	1	2	1	1	1	0	1	2	1	0	2	2	1	1	1	1	0	0	1	2	1	1	1	1	0	1	1	2	2	32
Ti																																
Tr	1	1	2	2	2	2	1	1	2	2	2	0	2	2	2	2	1	1	1	0	1	2	1	1	2	1	1	1	1	2	2	44
Ai	2	0	2	2	2	2	1	0	2	2	2	-	2	2	2	2	1	0	1	-	-	2	1	2	2	2	0	1	1	2	2	42
So	2	2	2	2	2	2	1	1	1	2	2	0	2	2	2	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	2	39
We	0	0	0	1	0	0	0	0	1	2	0	0	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	10
Sr	0	0	0	1	1	1	0	0	1	1	0	0	2	1	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	1	1	14
Do																																
Ya	0	0	1	1	0	0	0	0	0	2	0	0	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	-	10
Le	1	0	1	1	1	1	0	0	1	1	1	0	2	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	15
Sl	0	0	1	1	0	0	0	0	0	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7
Lo	1	0	2	2	2	2	1	1	1	2	2	1	2	2	2	1	1	0	1	0	1	2	1	1	1	1	0	0	2	1	2	38
Si	0	1	1	1	1	1	0	0	1	1	1	0	2	1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	17
VD	0	0	1	1	1	0	0	0	1	1	0	0	2	1	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	1	1	14
RS	1	0	2	2	2	2	1	1	2	2	2	1	2	2	2	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1	1	37
Za	0	0	1	1	1	1	0	0	1	1	1	0	2	1	1	1	1	0	1	1	1	1	1	1	0	1	0	1	1	1	1	24
KF																																
Es	1	0	1	1	1	1	0	0	1	1	1	0	2	1	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	17
Me	1	0	1	2	1	1	0	1	1	2	1	1	2	2	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	31
Sy	1	0	2	2	2	1	1	1	1	2	1	0	2	2	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	2	1	26
Wi	1	1	2	2	2	1	1	1	2	2	1	1	2	2	1	1	1	0	1	1	2	2	1	1	1	1	1	1	1	2	2	41
Zy	0	0	0	1	0	0	0	0	1	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7
Ni																																
Nz	0	0	1	1	1	1	0	0	1	1	0	0	2	-	1	0	0	0	0	0	0	1	0	1	0	-	0	0	0	1	1	13
Ab	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	31
Ja																																
Fu	0	0	1	1	1	1	0	0	1	2	0	0	2	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	15
CF	1	0	1	1	1	1	1	0	1	1	1	0	2	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	21
OG	1	0	1	1	1	1	0	0	1	1	1	-	1	2	1	0	-	-	-	0	0	0	1	1	1	0	0	0	1	1	1	18
Na	1	0	1	1	1	1	1	1	1	1	1	0	2	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	23
St	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	6
Ag	1	0	1	1	1	1	0	1	1	1	1	1	2	1	1	1	0	0	1	0	1	1	1	1	1	1	0	1	1	1	1	26
Mt	0	0	0	1	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	9
Du	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5
Ke	0	0	0	0	0	0	0	0	1	1	0	0	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	7
Cl	0	0	1	1	1	1	0	1	0	1	1	1	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	14
Eb																																
Ch	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5
SM	1	0	0	1	1	1	0	0	0	2	1	0	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	15
SF	1	0	1	1	1	1	1	1	1	1	1	0	2	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	27
Ka	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	21
Ks	1	0	1	1	1	1	-	0	1	1	1	1	2	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	26
Tu	0	0	0	1	1	1	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	13
ZS	1	0	1	1	1	1	0	0	1	1	0	0	2	1	1	0	0	0	0	0	1	1	0	1	0	0	0	1	1	1	1	18
DD	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	0	0	-	1	1	1	0	0	0	0	0	1	1	9
He	0	0	1	1	1	1	0	1	1	1	0	0	2	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	1	1	16
Ta																																
AT																																
Ho	0	0	1	1	1	1	0	0	1	1	1	0	1	1	1	0	0	0	0	0	1	1	0	1	1	0	0	0	0	1	1	16
Te	0	0	1	1	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	6
Al	1	0	1	1	1	1	0	0	1	1	0	0	2	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	22
SJ	0	0	0	1	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	8
An	1	1	1	2	1	1	0	1	1	2	2	1	2	2	1	1	0	0	1	1	1	2	1	2	1	1	1	1	1	2	1	36
Ku	0	0	1	2	1	1	0	0	1	2	1	0	2	1	0	0	0	0	0	1	1	2	1	1	1	0	0	1	1	2	1	24
El																																
Hu	0	0	1	1	1	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	9
Ap	0	0	1	1	1	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	-	0	0	1	0	0	0	0	1	1	11
Va	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	1	0	1	1	1	1	0	0	1	0	1	1	22
Wa	0	0	1	1	1	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	11
Pi	0	0	2	2	0	0	0	0	0	1	0	0	2	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	12
CT	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
To																																
Am	0	0	0	1	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	7
Sums	25	10	50	64	51	42	14	15	49	71	35	11	98	64	41	23	10	4	15	9	32	52	25	39	27	16	9	15	26	62	54	1058
No. of 0	33	47	14	5	13	19	41	41	11	2	27	43	0	5	20	35	45	51	40	46	23	11	31	19	31	40	47	41	31	3	7	822
char- 1	21	8	34	38	35	32	14	15	41	37	23	11	14	36	31	19	10	4	15	9	30	36	25	35	23	14	9	15	24	44	42	744
acters 2	2	1	8	13	8	5	0	0	4	17	6	0	42	14	5	2	0	0	0	0	1	8	0	2	2	1	0	0	1	9	6	157

Selected days: Five quiet -- 2, 17, 18, 20, 27
Five disturbed -- 4, 10, 13, 14, 30

Days recommended for reproduction of magnetograms -- 13

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1940
AUGUST--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	2	1	1	2	2	1	2	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0	1	29
CC	0	1	2	1	1	2	1	1	2	1	1	1	1	0	0	0	0	1	0	1	1	0	0	0	0	1	1	1	0	0	1	22
Di	0	0	1	0	1	1	1	0	2	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	12
MS	1	1	2	1	1	2	2	1	2	1	2	2	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0	1	31
Ti																																
Tr	2	1	2	1	2	2	2	2	2	1	2	2	2	1	1	0	0	2	2	2	1	2	1	0	0	1	2	2	1	0	1	42
Ai	2	2	2	1	2	2	2	2	2	1	2	2	2	1	1	0	0	2	2	2	1	2	1	0	2	2	2	2	1	1	2	48
So	2	2	2	1	2	2	1	2	2	2	2	2	1	1	1	0	1	2	2	2	1	2	1	0	1	2	2	1	1	1	2	46
We	0	1	2	0	1	1	1	1	2	0	1	1	0	1	0	0	0	2	1	0	0	1	0	0	0	1	0	1	1	0	0	19
Sr	1	0	1	0	1	1	1	1	2	1	1	1	0	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	0	0	19
Do																																
Ya	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Le	1	1	1	0	0	1	1	0	1	0	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	1	1	0	0	0	0	12
Sl	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4
Lo	2	2	2	1	1	2	2	1	2	1	2	2	1	1	1	0	0	2	2	1	1	2	0	0	1	2	2	1	1	1	1	40
Si	0	1	1	1	1	1	1	1	2	1	1	1	0	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	19
VD	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	14
RS	2	2	2	1	1	2	2	1	2	1	2	2	1	1	0	0	0	2	2	1	1	2	1	0	1	2	1	1	1	1	1	39
Za	1	1	2	1	1	1	1	1	2	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	28
KP																																
Es	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	0	0	20
Me	1	1	2	1	1	1	2	2	2	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	0	1	1	1	1	0	1	30
Sy	0	2	2	0	1	2	1	0	2	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	2	1	1	0	0	0	17
Wi	1	2	2	1	1	2	2	1	2	1	1	1	1	1	0	0	0	2	1	1	1	2	0	0	1	2	1	1	1	1	1	34
Zy	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Ni																																
Nz	-	1	1	0	1	1	1	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	1	14
Ab	1	1	2	1	1	1	1	1	2	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	29
Ja																																
Fu	1	1	2	0	1	1	1	0	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	13
CF	1	1	2	1	1	1	1	1	2	1	1	0	0	1	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	0	1	23
OG	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	1	0	0	-	1	1	1	1	0	0	21
Na	1	1	2	1	1	1	1	1	2	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	1	27
St	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	4
Ag	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	27
Mt	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	0	0	19
Du	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3
Ke	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	4
Cl	0	1	1	0	0	1	1	0	2	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	1	0	1	1	1	1	17
Eb																																
Ch	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5
SM	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	18
SF	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	29
Ka	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	1	23
Ks	1	1	1	0	1	1	1	1	2	1	1	1	0	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	26
Tu	0	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	7
ZS	1	1	1	0	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	0	0	20
DD	0	1	2	0	1	1	1	0	2	0	0	1	0	0	0	0	0	1	1	1	1	2	0	0	0	1	1	0	1	0	0	18
He	1	1	2	0	1	1	1	0	2	0	1	0	0	0	0	0	0	2	1	1	0	1	0	0	1	2	1	1	0	0	1	21
Ta																																
AT																																
Ho	1	1	1	0	0	1	0	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	13
Te	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4
Al	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	1	1	0	0	1	27
SJ	0	1	2	0	0	0	0	0	2	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	2	1	0	0	0	13
An	1	1	2	1	1	1	1	1	2	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	2	2	1	1	1	32
Ku	1	1	2	1	1	1	1	1	2	1	1	1	0	1	0	0	0	1	0	1	1	1	0	0	0	2	1	1	1	0	0	24
El																																
Hu	0	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	9
Ap	0	0	1	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	7
Va	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	24
Wa	0	0	1	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	8
Pi	0	0	2	0	0	0	0	0	2	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	2	1	0	0	0	1	13
CT	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
To																																
Am	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4
Sums	36	45	82	25	40	54	48	37	89	32	50	36	21	25	6	3	4	54	44	39	22	39	15	0	15	61	50	42	29	11	27	1081
No. of 0	24	17	0	31	19	12	16	23	0	25	12	26	37	31	50	53	52	11	17	20	34	24	41	56	41	5	12	17	27	45	31	809
char- 1	26	33	30	25	34	34	32	29	23	30	38	24	17	25	6	3	4	36	34	33	22	25	15	0	13	41	38	36	29	11	23	769
acters 2	5	6	26	0	3	10	8	4	33	1	6	6	2	0	0	0	0	9	5	3	0	7	0	0	1	10	6	3	0	0	2	156

Selected days: Five quiet -- 15, 16, 17, 24, 30
Five disturbed -- 3, 6, 9, 11, 26

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1940
SEPTEMBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	2	1	1	0	2	2	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	1	2	2	2	1	1		26
CC	1	1	2	1	1	0	1	1	1	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	1	1	2	2	1	1		22
Di	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	1	2	2	2	1	1		21
MS	2	2	2	1	1	1	2	2	1	0	1	0	0	1	1	1	0	0	0	1	1	1	0	0	1	0	-	2	1	1		26
Ti																																
Tr	2	2	2	2	2	1	2	2	2	0	1	1	0	1	1	1	0	0	0	1	1	1	0	0	2	2	2	2	2	1		36
Ai	2	2	2	2	2	2	2	2	2	1	1	1	0	2	1	2	0	1	0	2	1	1	0	1	2	2	2	2	2	2		44
So	2	2	2	2	2	2	2	2	2	1	1	1	1	2	1	2	0	1	0	1	1	1	0	1	2	2	2	2	2	2		44
We	2	1	1	1	0	1	2	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	1	2	2	2	1	0		24
Sr	2	1	1	1	1	1	2	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	1	2	2	2	1	1		26
Do																																
Ya	1	1	0	1	0	0	1	-	-	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2	1	2	0	0		11
Le	1	0	1	1	0	0	1	1	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	1	2	2	1	0	1		16
Sl	1	0	1	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0		10
Lo	2	2	2	2	1	1	2	2	2	0	1	0	1	2	2	2	0	0	0	1	1	1	0	1	2	2	2	2	1	2		39
Si	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0	0	2	1	1	1	0		18
VD	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	1	2	2	1	1	0		21
RS	2	1	2	2	1	1	2	2	2	1	1	0	1	2	1	2	0	0	0	1	1	1	0	1	2	2	2	2	1	2		38
Za	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	0	0	0	1	1	1	0	0	1	2	2	2	1	1		25
KP																																
Es	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	1	2	2	1	1	1		21
Me	2	1	1	2	1	1	2	1	1	0	1	0	0	1	1	1	0	0	0	1	1	1	0	0	1	2	2	2	1	1		28
Sy	2	1	1	1	1	0	2	1	1	0	0	0	0	1	0	1	0	0	0	1	1	0	0	0	2	2	2	2	1	1		24
Wi	2	1	2	2	1	1	2	2	2	1	1	0	1	2	1	2	0	0	0	1	1	1	0	0	2	2	2	2	2	2		38
Zy	1	0	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	1	2	1	1	0	0		11
Ni																																
Nz	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	1	2	1	1	1	1		21
Ab	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	2	2	2	1	1		29
Ja																																
Fu	1	0	1	1	0	0	1	1	1	0	0	0	0	2	1	1	0	0	0	1	1	0	0	0	1	2	2	2	0	1		20
CF	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	1	2	2	1	1	1		23
OG	1	1	2	2	1	1	2	1	-	-	0	0	0	1	1	1	0	0	0	1	1	1	0	0	1	2	2	1	0	1		24
Na	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	1	2	2	2	1	1		25
St	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0		8
Ag	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	1	2	2	2	1	1		24
Mt	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	1	1	1	1	1	0		20
Du	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0		3
Ke	1	0	1	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1	2	2	2	1	0		16
Cl	1	1	1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	0	1	0	0	0	0	1	-	1	1	1	1		16
Eb																																
Ch	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0		4
SM	1	0	1	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	1	1	2	1	0	0		17
SF	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	1	1	0	0	1	1	2	2	1	1	1		24
Ka	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	1	1	1	1	1	0		21
Ks	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	-	1	1	1	0	-	1	2	2	1	1	1		25
Tu	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0		9
ZS	1	1	1	1	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	1	2	1	1	1	0		18
DD	2	1	1	1	1	0	1	1	0	0	0	0	0	1	1	1	0	0	0	2	2	0	0	0	1	2	1	1	0	0		20
He	1	1	2	1	0	0	1	1	1	0	0	0	0	2	1	2	0	0	0	1	0	0	0	0	2	2	2	2	1	1		24
Ta																																
AT																																
Ho	1	1	1	1	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	1	1	1	1	0		16
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0		8
Al	2	1	1	1	1	0	1	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	0	0	1	2	1	1	0	1		23
SJ	1	0	1	0	0	0	1	0	0	0	0	0	0	2	0	1	0	0	0	1	1	0	0	0	2	1	1	2	0	0		14
An	2	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	2	1	0	1	2	2	2	2	1	1		33
Ku	2	1	1	2	1	1	2	1	1	0	0	0	0	2	1	1	0	1	0	2	2	1	0	0	2	2	2	2	1	1		32
El																																
Hu	1	1	1	0	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	0	1	1	1	1	0	0		13
Ap	1	1	1	1	0	0	1	1	0	-	-	0	0	1	0	0	0	0	0	1	1	0	0	0	1	1	1	1	0	0		13
Va	1	1	1	1	0	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	0	0	1	2	1	1	1	1		23
Wa	1	1	1	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0		12
Pi	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	0	0	0	1	2	1	1	1	1		13
CT	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0		3
To																																
Am	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0		7
Sums	67	46	59	54	35	27	66	52	42	6	9	6	11	62	39	46	3	8	3	44	49	30	0	7	60	94	86	81	41	37		1170
No. of 0	4	15	8	11	24	31	4	11	18	48	46	50	45	4	18	16	53	48	52	15	10	26	56	48	7	1	0	1	19	24		713
char- 1	37	36	37	36	29	23	38	36	30	6	9	6	11	42	37	34	3	8	3	38	43	30	0	7	38	14	24	29	33	27		744
acters 2	15	5	11	9	3	2	14	8	6	0	0	0	0	10	1	6	0	0	0	3	3	0	0	0	11	40	31	26	4	5		213

Selected days: Five quiet -- 10, 12, 17, 19, **23**
Five disturbed -- 1, 7, 26, 27, 28

Days recommended for reproduction of magnetograms -- 26, 27

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1940
OCTOBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	2	1	1	1	1	1	2	0	0	0	0	0	0	0	1	1	0	1	1	2	2	1	0	0	0	2	2	1	1	0	0	24
CC	1	2	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	0	1	2	1	0	0	1	21
Di	2	1	2	0	0	1	2	1	0	1	0	0	0	0	1	1	0	0	1	0	1	0	0	0	0	1	1	1	0	0	0	17
MS	-	-	-	1	1	2	2	2	1	1	1	1	0	0	1	1	0	1	1	1	1	1	0	0	0	1	2	1	1	1	1	26
Ti																																
Tr	2	2	2	2	2	2	2	2	1	1	2	2	0	0	1	1	1	1	2	1	2	2	0	0	0	2	2	2	0	0	1	40
Ai	2	2	2	2	2	2	2	2	1	2	2	2	1	0	2	2	2	1	2	2	2	1	0	0	2	2	2	2	1	1	1	49
So	2	2	2	2	1	2	2	2	2	2	2	2	1	0	1	2	2	2	2	2	2	1	0	0	2	2	2	2	1	1	1	49
We	2	1	1	0	0	1	2	2	0	1	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	2	2	1	0	0	1	20
Sr	2	1	1	0	1	1	2	2	0	1	1	0	0	0	1	1	0	1	1	0	1	1	0	0	1	2	1	1	0	0	1	24
Do																																
Ya	2	1	1	0	0	1	-	-	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	1	-	2	1	0	0	0	15
Le	2	1	1	1	0	1	2	2	1	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	1	1	1	1	0	0	0	19
Si	2	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	8
Lo	2	2	2	2	1	2	2	2	2	2	1	2	0	0	1	2	1	1	2	2	2	1	0	0	2	2	2	2	1	1	1	45
Si	1	1	1	0	1	1	1	1	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	1	1	1	1	0	0	1	19
VD	2	1	1	0	0	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	1	1	0	0	1	1	1	1	0	0	0	17
RS	2	2	2	2	1	2	2	2	2	2	1	2	0	0	1	2	1	1	2	2	2	1	0	0	2	2	2	2	1	0	1	44
Za	2	1	1	1	1	1	2	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	1	2	1	1	0	0	1	28
KF																																
Es	2	1	1	1	0	1	2	2	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	1	1	1	1	0	0	0	20
Me	2	1	1	1	1	1	2	2	1	1	1	1	0	0	2	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	31
Sy	2	1	2	0	1	2	2	2	1	1	1	1	0	0	1	1	1	1	2	0	2	1	0	0	2	2	1	1	0	0	0	31
Wi	2	2	2	1	1	2	2	2	2	1	1	1	0	0	1	2	1	1	1	1	2	1	0	0	2	2	2	2	1	1	1	40
Zy	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	0	1	1	1	0	0	0	0	12
Ni																																
Nz	1	1	1	1	1	1	2	1	0	0	0	1	0	0	1	1	0	1	1	1	1	1	0	0	1	2	1	-	0	0	-	21
Ab	2	1	1	1	1	1	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	1	1	32
Ja																																
Fu	1	0	1	0	0	0	1	2	0	0	0	0	0	0	1	0	0	1	1	0	2	2	0	0	2	2	1	0	0	0	0	17
CF	2	1	1	1	1	1	2	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	1	1	30
OG	2	1	1	1	0	1	2	2	1	1	1	1	0	0	1	1	0	1	1	1	1	1	0	0	1	2	2	1	1	0	1	29
Na	2	1	1	1	1	1	2	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	1	1	31
St	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	7
Ag	2	1	1	1	1	2	2	2	1	1	1	1	0	0	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	30
Mt	1	1	1	0	0	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	19
Du	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	6
Ke	2	1	1	0	0	1	2	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	0	0	0	0	15
Ci	1	-	-	1	0	1	2	1	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0	13
Eb																																
Ch	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	6
SM	1	0	1	0	0	0	2	1	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	1	1	1	1	0	0	0	14
SF	2	1	1	1	1	1	2	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	0	0	2	2	1	1	1	1	1	30
Ka	1	1	1	0	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	1	22
Ks	2	1	1	1	1	1	2	1	0	1	0	1	0	0	1	1	1	1	1	1	1	1	0	0	2	2	1	1	1	1	1	29
Tu	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	1	0	1	1	0	0	1	1	1	0	0	0	0	13
ZS	2	1	1	0	0	1	1	1	0	0	0	1	0	0	1	1	0	1	1	0	1	1	0	0	1	1	1	0	0	0	0	17
DD	2	1	1	0	0	1	2	1	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	1	2	1	1	0	0	1	20
He	2	0	2	1	1	2	2	2	0	0	1	1	0	0	1	2	1	2	1	1	2	1	0	0	2	2	1	1	0	0	0	31
Ta																																
AT																																
Ho	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	1	0	1	1	0	0	1	1	0	0	0	0	0	12
Te	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	0	7
Al	1	1	1	0	0	1	2	1	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	1	2	1	1	0	1	1	23
SJ	2	0	0	0	0	1	2	2	0	0	0	1	0	0	0	0	0	1	1	0	1	1	0	0	2	2	0	0	0	0	0	16
An	2	1	1	1	1	1	2	2	1	1	1	1	0	0	1	1	1	1	1	1	1	2	1	1	2	2	2	1	1	1	1	36
Ku	2	2	2	1	0	1	2	2	0	1	1	1	0	0	1	1	0	2	1	1	1	2	0	0	2	2	2	1	0	0	1	32
El																																
Hu	1	0	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	0	1	1	0	0	0	0	0	10
Ap	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	7
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	32
Wa	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	1	0	1	1	0	1	1	1	0	0	0	0	13
Pi	2	1	0	0	0	1	2	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	1	0	0	0	0	15
CT	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	7
To																																
Am	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	8
Sums	88	49	54	31	27	52	93	75	22	27	26	30	5	2	45	45	21	44	55	34	62	54	2	2	63	81	60	42	17	15	26	1249
No. of 0	0	13	10	30	31	14	0	3	38	33	33	31	51	54	13	17	37	15	7	27	4	6	54	54	8	0	11	19	39	41	29	722
char- 1	22	33	34	21	23	32	17	29	14	19	20	20	5	2	41	33	17	38	43	24	42	46	2	2	33	29	30	30	17	15	26	759
acters 2	33	8	10	5	2	10	38	23	4	4	3	5	0	0	2	6	2	3	6	5	10	4	0	0	15	26	15	6	0	0	0	245

Selected days: Five quiet -- 13, 14, 23, 24, 30
Five disturbed -- 1, 7, 8, 25, 26

Days recommended for reproduction of magnetograms -- 7

TABLE 1--MAGNETIC CHARACTERS, C, 1940
NOVEMBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	2	1	0	0	0	1	1	1	0	2	2	2	1	2	2		24
CC	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	2	2	1	1	2	1		25
Di	1	0	1	1	1	1	0	0	0	0	1	2	1	1	0	1	1	-	0	0	1	1	1	0	1	1	1	0	2	2		22
MS	1	0	1	2	1	1	1	1	1	0	0	2	2	1	1	1	1	0	0	1	1	1	1	1	2	1	1	1	2	1		30
Ti																																
Tr	1	1	2	2	2	1	1	1	2	0	0	2	2	1	1	2	1	0	0	1	2	2	2	1	2	2	2	1	2	2		41
Ai	1	1	2	2	2	1	1	0	2	1	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2		21
So	1	1	2	2	2	1	1	1	2	1	1	2	2	2	1	2	2	1	0	2	2	2	2	2	2	2	2	2	2	1		48
We	1	0	1	2	1	0	1	0	1	0	0	1	1	1	0	1	1	0	0	0	1	1	2	0	2	1	1	0	2	2		23
Sr	1	1	1	2	2	1	1	0	1	0	0	1	2	1	1	1	1	0	1	1	2	2	2	0	2	1	1	1	2	1		33
Do																																
Ya	1	0	1	1	1	0	0	0	1	0	0	1	2	0	0	1	1	0	0	0	1	1	1	0	2	1	1	0	2	1		20
Le	0	0	0	1	1	0	0	0	1	0	0	1	2	1	1	1	1	0	0	1	1	1	1	0	2	1	1	0	1	1		20
Si	0	0	0	1	0	0	0	0	0	0	0	2	2	1	0	1	1	0	0	0	1	1	1	0	2	1	0	0	1	0		15
Lo	1	1	1	2	2	1	1	1	2	0	1	2	2	2	1	2	2	1	0	2	2	2	2	1	2	2	1	1	2	1		43
Si	1	1	1	1	1	0	1	0	1	0	0	1	2	1	1	1	1	0	0	0	1	1	1	0	1	1	0	0	1	1		21
VD	1	0	1	1	1	0	0	0	0	0	0	2	2	1	0	1	1	0	1	1	1	1	1	0	2	1	1	0	2	1		23
RS	1	1	1	2	2	1	1	0	2	0	1	2	2	2	1	2	2	1	0	2	2	2	2	1	2	2	2	1	2	2		44
Za	1	0	1	2	1	1	1	0	1	0	0	2	1	1	-	1	1	0	1	1	1	1	1	0	2	1	1	1	1	1		26
KP																																
Es	0	0	0	1	1	0	0	0	1	0	0	1	2	1	1	1	1	0	0	1	1	1	1	0	2	1	1	0	1	1		20
Me	2	1	2	1	2	1	1	1	2	1	0	2	2	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2	1		41
Sy	1	0	1	2	1	0	1	0	1	0	0	2	2	1	1	2	2	0	0	1	2	2	2	0	2	2	1	1	2	1		33
Wi	1	1	1	2	2	1	2	0	2	0	1	2	2	1	1	2	2	1	1	2	2	2	2	1	2	2	1	1	2	1		43
Zy	1	0	1	1	1	0	0	0	1	0	0	1	1	1	0	1	1	0	0	0	1	2	1	0	2	1	1	0	2	1		21
Ni																																
Nz	-	0	0	1	1	0	1	0	1	0	0	2	1	1	1	-	1	0	0	1	1	1	1	0	2	1	1	0	1	1		20
Ao	1	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1		31
Ja																																
Fu	0	0	0	2	1	0	0	0	0	0	0	2	2	1	0	1	1	0	0	0	1	1	1	0	2	1	0	0	2	1		19
CF	1	0	1	1	1	1	1	0	1	0	0	2	2	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	2	1		31
OG	1	0	1	2	1	1	0	0	1	0	1	2	2	1	1	2	2	1	0	1	1	2	1	1	2	2	1	1	2	1		34
Na	1	1	1	2	1	1	1	0	1	0	0	2	2	1	1	1	1	1	0	1	1	2	1	1	2	1	1	1	2	1		32
St	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0		5
Ag	1	1	1	1	1	1	1	0	1	0	0	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	1	1		29
Mt	1	0	1	1	1	0	1	0	1	0	0	2	2	1	1	1	1	0	0	1	1	2	1	0	2	1	1	0	2	1		26
Du	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	2	0	0	0	1	0		7
Ke	1	0	0	1	1	0	0	0	0	0	0	2	2	1	1	1	1	0	0	0	1	2	1	0	2	1	0	0	2	0		20
Cl	1	0	0	1	1	0	0	0	0	0	0	2	1	1	0	1	1	0	0	1	1	1	1	1	2	1	1	0	1	1		20
Eb																																
Ch	0	0	0	1	1	0	0	0	1	0	0	1	2	1	0	0	0	0	0	0	1	1	1	0	1	1	0	0	1	1		14
SM	1	1	1	1	1	0	1	0	1	0	0	1	2	1	1	1	1	0	0	0	0	1	2	2	0	2	2	0	2	1		26
SF	1	0	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1		24
Ka	1	1	1	1	1	0	1	0	1	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1		24
Ks	1	1	1	1	1	1	1	0	1	0	0	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1		29
Tu	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	0	1	1	0	0	1	1		13
ZS	1	0	0	1	1	0	0	0	1	0	0	2	1	1	0	1	1	0	1	1	1	1	1	0	2	1	1	0	1	1		21
DD	2	0	1	2	1	0	1	0	1	0	0	2	2	1	0	-	-	0	1	1	2	2	2	0	2	1	1	0	2	1		28
He	1	0	0	2	1	1	1	0	1	0	0	2	1	1	1	2	2	0	0	1	1	1	1	1	2	1	1	1	2	1		29
Ta																																
AT																																
Ho	1	0	0	1	1	0	0	0	1	0	0	1	1	1	0	0	0	0	0	1	1	1	1	0	1	1	0	0	1	0		14
Te	0	0	0	2	1	0	0	0	1	0	0	2	2	1	0	0	1	0	0	1	2	2	1	1	2	0	0	1	1	0		21
Al	1	0	1	2	1	0	1	0	2	0	0	2	1	1	1	1	1	0	1	1	2	2	2	1	2	1	1	0	2	1		31
SJ	0	0	0	0	1	0	0	0	0	0	0	2	2	1	0	1	1	0	0	0	1	1	0	0	2	1	0	0	1	0		14
An	1	1	1	1	1	1	1	0	1	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1		33
Ku	2	1	1	2	1	1	1	0	1	0	0	2	1	2	2	1	1	0	1	1	2	2	2	0	2	2	1	1	2	2		37
El																																
Hu	0	0	0	1	1	0	0	0	1	0	0	2	1	1	1	1	1	0	0	1	1	1	1	0	1	1	0	0	1	1		18
Ap	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	0	1	1	0	0	1	1		14
Va	1	1	1	1	1	1	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1		31
Wa	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	0	0	1	1		16
Pi	0	0	0	1	1	0	0	0	1	0	0	2	2	0	0	2	1	0	0	1	1	0	1	0	2	1	0	0	1	1		18
CT	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	1	0	0	1	0	0	0	1	0		8
To																																
Am	1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	1	0		10
Sums	43	19	37	72	60	23	30	6	48	4	8	87	83	56	36	58	55	14	18	43	64	70	65	23	94	64	43	24	84	53		1384
No. of 0	15	37	23	3	4	33	27	50	16	52	47	0	2	5	21	7	7	40	37	16	3	3	4	34	1	4	17	32	0	9		549
char- 1	37	19	29	34	44	23	28	6	32	4	8	23	23	46	32	36	39	14	18	35	40	34	37	19	14	38	33	22	26	41		834
acters 2	3	0	4	19	8	0	1	0	8	0	0	32	30	5	2	11	8	0	0	4	12	18	14	2	40	13	5	1	29	6		275

Selected days: Five quiet -- 8, 10, 11, 18, 19
Five disturbed -- 12, 13, 22, 25, 29

Days recommended for reproduction of magnetograms -- 25

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1940
DECEMBER--Concluded

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	2	1	1	0	0	0	0	0	0	1	1	1	2	1	1	0	0	0	2	2	2	2	1	1	1	1	1	2	2	2	31
CC	1	2	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	2	2	1	2	1	1	1	1	1	1	2	1	31
Di	1	2	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	2	1	1	0	1	0	0	0	1	1	1	16
MS	1	2	2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	2	2	2	2	1	1	1	1	0	2	2	1	34
Ti																																
Tr	2	2	2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	2	2	2	2	1	1	1	1	2	2	2	1	37
Ai	2	2	2	2	1	1	0	0	1	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	1	2	2	2	2	52
So	2	2	2	2	1	1	0	0	1	2	2	2	2	2	2	1	2	1	1	2	2	2	2	1	1	2	1	2	2	2	2	49
We	1	2	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	2	2	2	2	0	1	1	1	0	1	2	2	25
Sr	1	1	1	1	0	0	0	0	1	0	0	1	1	1	1	1	1	0	0	2	2	2	1	0	1	1	1	1	1	2	1	26
Do																																
Ya	1	2	1	1	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	-	2	1	2	0	1	1	0	0	1	1	1	19
Le	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	1	1	1	0	1	1	0	1	1	1	1	16
Si	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	1	1	1	0	0	0	0	0	1	1	1	11
Lo	2	2	2	2	1	1	0	0	2	2	2	1	2	2	2	1	1	1	1	2	2	2	2	2	1	2	1	2	2	2	2	49
Si	1	1	1	1	0	0	0	0	1	1	0	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	22
VD	1	1	1	1	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	2	2	1	1	0	1	1	1	1	1	1	1	21
RS	1	2	2	2	1	1	1	0	1	1	2	2	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	49
Za	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	30
KP																																
Es	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	1	1	1	0	1	1	0	1	1	1	1	15
Me	1	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	1	1	2	2	2	38
Sy	1	2	2	1	0	0	0	0	1	1	1	1	1	2	1	1	1	0	0	2	2	2	2	1	1	2	1	2	2	2	2	37
Wi	1	2	2	2	1	0	0	0	2	1	2	1	1	2	2	1	2	1	1	2	2	2	2	2	1	2	2	2	2	2	2	47
Zy	0	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	2	2	1	0	1	1	1	0	1	2	1	19
Ni																																
Nz	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	2	2	1	1	1	1	1	1	1	1	2	2	31
Ab	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	31
Ja																																
Fu	0	1	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	2	2	1	1	0	0	0	0	0	1	1	1	15
CF	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	30
OG	1	2	2	1	0	0	0	0	0	1	1	1	1	2	1	1	1	1	0	2	2	2	2	1	1	1	1	1	1	2	2	34
Na	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	2	1	32
St	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
Ag	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	30
Mt	1	1	1	1	1	0	0	0	1	1	0	1	1	1	1	1	1	0	0	2	2	1	1	0	1	1	1	1	1	2	1	27
Du	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	8
Ke	0	1	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	2	1	1	1	0	1	0	0	0	1	1	1	14
Ci	1	1	1	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	2	1	1	1	0	1	1	1	0	1	1	1	18
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	6
SM	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	1	25
SF	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	30
Ka	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	26
Ks	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	-	1	1	28
Tu	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	9
ZS	0	1	1	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	2	2	2	1	0	1	0	1	0	0	1	2	19
DD	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	1	1	1	0	1	1	1	0	1	2	1	17
He	1	2	2	1	0	0	0	0	1	2	0	1	0	1	1	0	1	0	1	2	2	1	2	0	1	1	1	1	2	2	1	30
Ta	1	1	1	1	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	0	1	1	2	1	2	1	1	32
AT																																
Ho	0	1	0	0	0	0	0	0	1	1	0	0	0	1	0	1	0	0	0	1	1	1	1	0	1	0	0	1	1	1	1	14
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	1	2	1	7
Al	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	2	1	1	1	0	1	1	1	1	1	2	2	28
SJ	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	9
An	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	35
Ku	1	2	2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	2	2	2	1	1	1	1	1	1	1	2	2	34
El																																
Hu	0	1	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	1	1	1	1	0	1	0	0	1	1	1	1	14
Ap	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	11
Va	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	32
Wa	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	12
Pi	0	1	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	1	0	2	0	0	1	0	0	0	0	2	1	1	2	14
CT	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	5
To																																
Am	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	7
Sums	41	70	57	43	25	11	2	1	36	45	34	38	35	56	45	33	33	23	16	95	85	70	67	29	46	46	41	47	64	83	73	1390
No. of 0	20	4	11	19	32	46	55	56	23	17	28	22	25	9	17	24	27	35	41	0	2	4	7	32	13	18	19	18	4	1	1	630
char- 1	33	36	35	33	25	11	2	1	32	35	24	32	29	40	35	33	27	21	16	17	25	36	33	21	42	32	35	31	40	29	39	880
acters 2	4	17	11	5	0	0	0	0	2	5	5	3	3	8	5	0	3	1	0	39	30	17	17	4	2	7	3	8	12	27	17	255

Selected days: Five quiet -- 6, 7, 8, 18, 19
Five disturbed -- 20, 21, 22, 30, 31

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1941
JANUARY

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	1	2	2	2	1	0	1	1	2	2	2	2	1	1	2	0	30
CC	1	0	0	1	0	1	1	0	1	1	1	1	0	0	0	1	1	2	2	1	0	1	2	2	2	2	2	1	1	1	0	29
Di	1	0	0	0	0	0	1	0	1	0	1	1	0	0	0	1	2	2	1	0	0	0	2	2	2	1	1	1	0	1	0	21
MS	1	1	0	1	0	1	1	1	1	1	1	1	0	0	0	1	2	2	2	1	0	0	2	2	2	2	2	2	1	1	0	32
Ti																																
Tr																																
Ai	2	1	1	–	–	2	2	2	2	2	2	1	2	1	0	2	2	2	2	2	1	2	2	2	2	2	2	1	2	2	0	48
So	2	1	1	1	0	2	2	1	2	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	1	2	2	0	46
We	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	1	2	1	1	0	0	0	2	2	1	1	1	1	0	1	0	18
Sr	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0	1	2	1	1	0	0	0	2	2	1	1	1	1	0	1	0	19
Do	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1	2	2	1	–	–	–	–	–	–	–	–	–	–	–	–	17
Ya	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	1	2	1	1	0	0	0	1	2	1	1	1	0	0	1	0	15
Le	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	2	1	1	0	0	0	1	1	1	1	1	1	0	0	0	14
Sl	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	2	2	1	0	0	0	2	2	1	1	1	0	0	1	0	17
Lo	2	1	1	2	0	2	2	2	2	1	1	1	1	1	0	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	0	47
Si	1	0	0	1	0	1	1	0	1	0	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	0	19
VD	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0	1	2	1	1	1	0	0	1	1	1	1	1	1	0	1	0	18
RS	2	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	1	2	2	0	46
Za	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	2	1	1	1	0	1	1	1	1	1	1	1	0	1	0	24
KP																																
Es	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	2	1	1	0	0	0	1	1	1	1	1	1	0	0	0	14
Me	1	1	0	1	0	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	2	2	1	1	1	1	1	1	29
Sy	2	0	1	1	0	1	2	0	1	1	1	0	0	0	0	0	2	2	2	1	0	1	2	2	2	2	2	2	0	1	0	31
Wi	2	1	1	1	1	2	2	1	2	1	1	1	1	1	1	2	2	2	2	2	0	2	2	2	2	2	2	2	1	1	0	45
Zy	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2	1	1	0	0	0	2	2	2	1	2	0	0	1	0	17
Ni																																
Nz	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	26
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	32
Ja																																
Fu	2	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	2	2	2	1	0	0	2	2	2	2	1	1	0	0	0	23
CF	1	0	0	1	0	1	1	0	1	1	1	0	1	0	0	0	2	2	1	1	0	1	1	1	1	1	1	1	0	1	0	22
OG	2	1	0	0	0	1	1	0	1	1	1	1	1	0	0	1	2	2	2	1	0	1	2	2	2	1	2	1	0	1	0	30
Na																																
St	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	5
Ag	1	0	0	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	27
Mt	1	0	0	0	0	1	1	0	1	1	1	1	0	0	0	1	2	1	2	1	1	0	2	2	2	1	1	1	0	1	0	25
Du	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	12
Ke	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	12
Ci	1	1	–	–	0	0	1	0	0	1	0	0	0	0	0	0	2	1	1	1	0	0	1	1	1	0	1	0	0	0	0	13
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	7
SM	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	1	2	1	1	1	0	0	0	0	19
SF	1	0	0	1	0	1	1	1	1	1	1	1	–	0	0	1	2	1	1	1	0	1	1	1	1	1	1	1	0	0	0	22
Ka	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	28
Ks	–	1	1	1	1	1	1	1	1	1	1	–	–	–	1	1	2	2	1	1	1	1	2	2	1	1	1	1	0	–	1	29
Tu	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	9
ZS	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	1	1	0	1	0	1	1	1	1	1	0	0	1	0	14
DD	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0	1	2	1	1	1	1	0	1	2	1	1	1	1	0	0	0	20
He	1	0	1	0	1	1	1	1	1	1	1	0	0	0	0	1	2	2	1	1	1	1	2	2	1	1	1	1	0	0	0	26
Ta	1	0	0	1	0	1	1	0	1	1	1	1	1	0	0	0	2	2	1	1	1	1	2	2	1	1	1	0	0	0	0	24
AT																																
Ho	1	0	0	1	0	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	15
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	1	1	0	0	0	0	0	0	7
Al	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	2	2	1	1	1	1	1	1	1	1	1	1	0	0	1	0	24
SJ	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	1	1	0	0	0	0	0	0	7
An	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	2	2	2	2	2	1	1	1	1	43
Ku	1	1	1	1	1	2	1	0	1	0	1	0	0	0	1	2	2	2	2	1	2	0	2	2	2	1	2	1	0	1	0	33
El	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	1	1	1	1	0	0	0	0	11
Hu	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	1	0	0	0	0	9
Ap	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	11
Va	1	1	1	1	1	2	1	1	1	1	1	1	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31
Wa	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	1	0	0	0	0	10
Pi	1	0	0	0	1	2	1	0	0	0	1	0	1	0	0	1	2	1	1	1	1	1	1	1	1	0	0	1	0	0	1	20
CT	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	2	1	1	1	0	0	1	1	1	0	0	1	0	0	0	13
To																																
Am	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	6
Sums	58	21	17	24	11	58	52	23	48	30	37	23	14	7	12	45	95	78	67	42	23	29	74	82	72	57	60	42	16	37	7	1261
No. of 0	6	36	40	33	45	9	11	36	13	28	21	33	42	49	45	19	0	0	4	19	35	32	3	0	1	10	9	20	41	23	49	712
char- 1	42	21	15	20	11	38	40	19	40	28	35	23	12	7	12	31	19	36	39	32	19	19	32	30	38	35	34	30	14	27	7	805
acters 2	8	0	1	2	0	10	6	2	4	1	1	0	1	0	0	7	38	21	14	5	2	5	21	26	17	11	13	6	1	5	0	228

Selected days: Five quiet -- 5, 14, 15, 21, 31
Five disturbed -- 17, 18, 23, 24, 25

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1941
FEBRUARY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	0	0	1	1	2	2	1	1	0	0	1	2	2	1	1	0	1	0	2	2	2	2	1	1	1	1				28
CC	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	0	1	1	2	2	2	1	1	0	1				25
Di	0	0	1	0	1	1	1	1	1	0	0	0	1	1	1	0	1	0	0	1	2	2	2	1	1	0	0	0				19
MS	1	0	1	1	1	2	2	1	1	1	1	0	2	1	1	1	1	0	0	1	1	2	2	2	1	1	0	1				29
Ti																																
Tr																																
Ai	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	-				48
So	1	1	2	1	2	2	2	2	2	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	1	1	1				45
We	0	0	1	1	1	1	1	1	0	0	0	0	2	1	1	0	1	0	0	1	1	2	2	1	1	0	0	0				19
Sr	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	0	0	1	2	2	2	1	1	1	0	1				23
Do	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
Ya	0	0	1	0	1	1	1	1	0	0	0	0	1	1	1	0	1	0	0	1	2	1	1	1	1	1	0	0				17
Le	0	0	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0				18
Sl	0	0	1	0	1	1	1	1	0	0	0	0	1	1	1	0	1	0	0	0	2	2	2	1	1	0	0	0				17
Lo	1	1	2	1	2	2	2	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	1	1	1				46
Si	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1				21
VD	0	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	2	1	1	1	1	1	0	1				21
RS	1	1	2	1	2	2	2	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	1	1	1				46
Za	0	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	1				26
KP																																
Es	0	0	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0				18
Me	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1				34
Sy	0	0	2	1	2	2	2	1	1	0	0	0	2	2	1	1	2	0	0	1	2	2	2	2	2	1	0	1				32
Wi	1	1	2	1	2	1	2	2	2	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	1	1	1				44
Zy	0	0	1	0	1	1	1	1	0	0	0	0	2	1	1	0	1	0	0	1	2	2	2	1	1	0	0	0				19
Ni																																
Nz	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	2	2	1	1	1	1	0	1				25
Ab	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1				28
Ja																																
Fu	0	0	1	0	1	2	1	1	1	0	0	0	2	2	1	0	1	0	0	1	2	2	2	1	2	0	0	0				23
CF	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	2	2	2	1	1	1	0	0				24
OG	1	1	1	1	1	1	2	2	1	1	1	1	2	-	-	1	1	0	1	1	2	2	2	2	-	-	-	-				28
Na																																
St	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0				5
Ag	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				27
Mt	0	0	1	0	1	1	1	0	0	0	0	0	2	1	1	0	1	0	0	0	1	1	1	1	1	0	0	0				14
Du	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0				7
Ke	0	0	1	0	0	1	1	1	0	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	0	0	0	0				12
Ci	0	0	1	1	0	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1				16
Eb																																
Ch	0	0	1	0	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0				15
SM	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	2	2	1	1	1	1	0	0				24
SF	0	0	1	-	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	2	1	1	1	1	0	0				19
Ka	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1				26
Ks	1	1	1	1	1	1	1	1	-	1	0	0	2	1	1	1	1	1	1	1	2	2	2	1	1	1	0	1				28
Tu	0	0	1	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0				11
ZS	0	0	1	0	1	1	1	1	0	0	0	0	1	1	1	0	1	0	0	1	1	1	1	1	1	0	0	0				15
DD	0	0	1	0	1	1	1	1	0	0	0	0	2	1	1	0	1	0	0	1	2	2	1	1	1	1	0	0				19
He	0	0	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	2	2	2	1	1	0	0	0				21
Ta	0	1	1	0	1	1	2	1	1	0	0	0	2	1	1	1	1	0	0	1	2	2	2	1	1	1	0	1				25
AT																																
Ho	0	0	1	0	1	1	1	1	1	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	1	1	0	0				16
Te	0	1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	2	2	1	0	0	0	0	1				11
Al	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	0	1	1	0	0	1	1	1	1	1	1	0	1				24
SJ	0	0	0	0	1	1	1	0	0	0	0	0	1	0	1	0	1	0	1	1	1	1	1	0	0	0	0	0				11
An	1	1	2	1	1	2	2	1	1	1	1	1	2	2	2	1	2	1	1	1	2	2	2	2	2	1	1	1				40
Ku	1	1	2	1	1	2	2	2	1	1	0	1	2	2	2	1	2	1	1	2	2	2	2	2	2	2	0	1				41
El	0	0	1	0	1	1	1	1	0	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	1	0	0	1				15
Hu	0	0	1	1	1	1	1	0	0	0	0	0	1	0	1	0	1	0	0	0	1	1	1	0	0	0	0	0				11
Ap	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0				10
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1				30
Wa	0	0	1	0	1	1	1	1	0	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	1	1	0	0				15
Pi	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0				14
CT	0	1	1	0	0	1	1	0	0	0	0	0	2	1	1	0	1	0	0	0	1	1	1	1	0	0	0	0				13
To																																
Am	0	0	1	0	0	1	1	0	0	0	0	0	1	1	1	0	1	0	0	0	0	1	1	0	0	0	0	0				9
Sums	16	22	60	30	55	61	65	53	38	24	17	13	77	61	61	35	58	18	22	45	81	87	80	62	53	36	11	26				1267
No. of 0	40	34	5	26	7	4	3	11	22	33	39	43	0	5	3	26	6	38	37	17	1	0	0	6	11	21	44	28				510
char- 1	16	22	42	28	43	43	41	37	28	22	17	13	35	39	43	25	42	18	16	33	29	25	32	38	35	32	11	26				831
acters 2	0	0	9	1	6	9	12	8	5	1	0	0	21	11	9	5	8	0	3	6	26	31	24	12	9	2	0	0				218

Selected days: Five quiet -- 1, 11, 12, 18, 27
Five disturbed -- 7, 13, 21, 22, 23

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1941
MARCH--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	2	1	1	1	2	-	-	0	0	0	0	0	0	1	1	0	0	0	1	1	2	2	1	1	1	0	0	1	1	2	2	24
CC	2	2	2	1	2	1	1	1	1	1	0	0	1	2	1	0	0	0	1	2	2	2	1	1	0	0	0	2	1	2	1	33
Di	2	2	1	2	2	1	1	1	-	-	1	0	1	2	1	0	0	0	1	2	2	2	1	1	0	0	0	2	2	2	2	34
MS	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	0	0	0	1	1	1	1	1	1	1	0	1	2	2	2	1	32
Ti																																
Tr																																
Ai	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	0	0	2	2	2	2	56
So	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	1	0	0	2	2	2	2	55
We	2	2	2	2	2	1	1	0	0	0	0	1	0	2	1	0	0	0	1	1	2	1	1	0	0	0	0	2	2	2	1	29
Sr	2	2	1	1	2	1	1	1	1	1	1	1	1	2	1	0	0	0	1	2	2	2	1	1	1	0	0	2	2	2	2	37
Do	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ya	2	1	1	1	1	1	0	0	0	0	0	0	1	2	1	0	0	0	1	1	1	1	1	0	0	0	0	2	1	2	-	21
Le	2	1	1	1	1	1	1	1	1	0	1	0	1	2	1	0	0	0	1	1	1	1	1	1	0	0	0	2	2	2	2	29
Sl	2	1	1	1	1	0	0	0	0	0	0	0	0	2	0	0	0	0	1	1	1	1	0	0	0	0	0	2	2	2	1	19
Lo	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	0	1	2	2	2	2	2	2	1	1	0	2	2	2	2	54
Si	2	1	1	1	1	1	1	1	1	0	1	1	1	2	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1	2	2	27
VD	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	1	1	2	1	26
RS	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	2	2	2	2	2	2	1	0	0	2	2	2	2	53
Za	2	1	1	1	1	1	1	1	1	0	1	1	1	2	1	0	0	1	1	1	1	1	1	1	0	0	0	2	2	2	1	30
KP																																
Es	2	1	1	1	1	1	1	1	1	0	1	0	1	2	1	0	0	0	1	1	1	1	1	1	0	0	0	2	2	2	2	29
Me	2	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	0	2	1	2	2	39
Sy	2	2	2	2	2	1	1	1	1	0	2	1	0	2	2	0	0	0	2	2	2	2	2	1	0	0	0	2	2	2	2	40
Wi	2	2	2	2	2	1	2	2	2	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	1	0	0	2	2	2	2	53
Zy	2	1	1	1	2	1	1	0	0	0	0	0	0	2	1	0	0	0	2	2	2	2	2	1	0	0	0	2	2	2	2	29
Ni																																
Nz	2	1	1	1	1	1	1	1	1	0	1	1	1	2	1	0	0	1	1	1	1	1	1	1	1	0	0	2	2	2	2	32
Ab	2	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	0	1	1	2	2	2	1	1	1	0	0	2	2	2	2	38
Ja	2	1	1	2	2	1	1	1	1	0	1	0	1	2	1	0	0	0	2	1	1	1	1	0	0	0	0	2	2	2	1	30
Fu	2	2	2	2	1	2	1	0	1	0	1	0	1	2	1	0	0	1	1	2	2	2	1	0	0	0	0	2	2	2	2	35
CF	2	1	1	2	1	1	1	1	1	0	1	1	1	2	1	0	0	1	1	1	2	1	1	1	0	0	0	2	2	2	2	33
OG																																
Na																																
St	2	1	1	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	2	1	18
Ag	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	2	1	2	2	35
Mt	2	2	1	1	1	1	1	1	0	0	0	0	1	2	1	0	0	0	1	1	1	1	1	0	0	0	0	2	1	2	-	24
Du	2	1	1	1	1	0	1	1	0	0	0	1	1	2	1	0	0	0	1	2	2	1	1	0	0	0	0	2	1	2	2	27
Ke	2	1	1	1	1	0	0	0	0	0	0	0	0	2	1	0	0	0	1	1	1	1	0	0	0	0	0	2	1	2	1	19
Ci	2	1	1	2	1	1	2	1	1	1	1	0	1	2	1	0	0	1	0	0	1	1	1	1	0	0	0	1	1	2	1	27
Eb																																
Ch	2	1	1	1	1	1	1	1	0	0	0	0	1	2	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1	2	2	24
SM	2	1	1	1	1	1	0	0	0	0	0	0	0	2	1	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	2	21
SF	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	2	2	2	2	32
Ka	2	2	1	1	1	1	1	1	1	0	1	1	1	2	1	0	0	0	1	1	1	1	1	1	0	0	0	2	1	2	1	29
Ks	2	1	1	2	2	1	2	1	1	0	1	1	1	2	1	0	0	1	2	1	2	1	1	1	1	0	-	2	2	2	2	37
Tu	2	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1	2	1	19
ZS	2	1	1	0	1	1	1	1	0	0	0	1	1	2	1	0	0	0	1	1	1	1	1	0	0	0	0	2	1	2	2	25
DD	2	1	1	1	2	1	1	1	1	0	0	1	1	2	1	0	0	1	2	1	1	1	1	1	0	0	0	2	1	2	2	30
He	2	2	2	2	2	1	2	2	2	1	2	1	1	2	1	0	0	1	2	1	2	2	2	1	0	0	0	2	2	2	2	44
Ta	2	2	1	2	2	1	2	1	1	1	1	1	1	2	1	0	0	2	2	2	2	1	1	1	0	0	1	2	2	2	2	41
AT																																
Ho	2	2	1	1	1	1	1	1	1	0	0	0	1	2	0	0	1	1	1	1	1	0	1	0	0	0	0	1	1	1	2	25
Te	2	2	2	2	2	2	2	1	1	0	0	0	1	2	1	1	0	0	1	1	1	1	1	0	0	0	1	2	1	2	1	33
Al	2	2	1	1	1	1	1	1	1	0	1	1	1	2	1	0	0	1	2	1	1	1	1	0	0	0	1	2	1	2	2	32
SJ	2	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	0	0	0	0	0	2	1	2	1	17
An	2	2	2	2	2	1	2	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	1	1	1	0	0	2	2	2	2	46
Ku	2	2	2	2	1	2	1	1	1	0	1	1	1	2	1	0	0	1	2	2	2	2	1	1	1	0	0	2	2	1	0	37
El	2	1	1	1	1	1	0	1	1	0	0	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	21
Hu	2	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	14
Ap	2	1	1	1	1	0	1	0	1	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	20
Va	2	2	1	2	1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	43
Wa	2	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	0	0	0	1	1	2	1	19
Pi	2	2	1	1	0	1	1	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	2	1	2	2	26
CT	2	2	1	1	1	1	1	1	1	0	1	1	1	2	1	0	-	-	1	1	1	1	1	0	0	0	0	2	1	2	2	29
To																																
Am	2	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	1	12
Sums	112	79	68	76	74	54	57	46	43	20	41	37	51	100	56	15	8	28	69	71	77	72	55	34	17	4	6	98	83	105	87	1743
No. of 0	0	0	1	1	2	8	10	16	18	37	22	24	12	0	7	43	47	31	3	2	1	1	8	27	40	52	49	0	0	0	1	463
char- 1	0	33	42	34	34	40	33	34	31	16	27	27	37	12	42	11	8	20	37	37	33	38	41	24	15	4	6	14	29	7	19	785
acters 2	56	23	13	21	20	7	12	6	6	2	7	5	7	44	7	2	0	4	16	17	22	17	7	5	1	0	0	42	27	49	34	479

Selected days: Five quiet -- 10, 16, 17, 26, 27
Five disturbed -- 1, 14, 28, 30, 31

Days recommended for reproduction of magnetograms -- 1^+, 30

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1941
APRIL--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	0	1	1	0	0	0	0	1	1	2	1	1	0	0	0	1	0	1	1	1	1	0	0	2	2	1	0	2	1	0		21
CC	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	0	1	2	1	1	0	0	2	2	1	1	0	0	0		21
Di	0	1	1	0	0	0	1	0	–	2	1	1	0	0	0	0	0	1	1	1	0	0	0	2	2	0	0	2	0	0		16
MS	1	1	1	0	0	0	1	1	1	1	2	1	1	0	0	0	1	2	2	1	1	0	0	2	2	1	0	2	1	0		26
Ti																																
Tr																																
Ai	2	2	2	1	2	2	2	2	2	2	2	2	1	0	0	2	0	2	2	2	2	1	0	2	2	2	2	2	2	1		48
So	2	2	2	1	2	2	2	2	2	2	2	1	1	0	1	2	1	2	2	2	2	0	0	2	2	1	1	2	2	1		46
We	0	1	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	1	2	0	0	0	0	2	1	0	0	1	0	0		13
Sr	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	1	0	1	1	1	0	0	0	2	1	1	0	1	1	0		18
Do	0	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	1	2	1	1	1	1	2	1		33
Ya	0	0	1	0	0	0	1	0	1	1	1	0	0	0	0	1	0	1	1	0	0	0	0	2	1	1	0	0	0	0		12
Le	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	2	1	1	0	1	1	0		17
Sl	0	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0	1	0	0		9
Lo	1	2	2	1	1	1	2	2	1	2	2	1	1	0	1	1	1	2	2	2	1	1	0	2	2	2	1	2	2	1		42
Si	0	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	0	0	0	1	1	1	0	1	1	0		18
VD	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	0	1	1	0	0	0	0	2	1	0	0	1	1	0		12
RS	1	2	2	1	1	1	2	2	2	2	1	1	1	0	1	1	1	2	2	1	1	1	0	2	2	2	1	2	2	0		40
Za	1	1	1	0	0	0	1	1	1	1	1	1	0	0	1	0	0	1	1	0	1	0	0	2	1	0	0	1	1	0		18
KP																																
Es	0	0	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	2	1	1	0	1	1	0		16
Me	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	1	1	1	1		35
Sy	0	1	0	0	0	0	2	1	1	2	1	1	0	0	1	1	1	2	2	1	1	0	0	2	2	1	0	1	1	0		25
Wi	1	2	2	1	1	1	2	2	1	2	1	1	1	0	1	1	1	2	2	1	1	1	0	2	2	2	0	2	2	0		38
Zy	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	0	0	0	0	2	1	0	0	1	0	0		9
Ni																																
Nz	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	2	1	1	0	1	1	0		24
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	2	1	1	0	1	1	0		26
Ja	0	0	0	0	0	0	0	–	0	–	1	0	0	0	0	–	–	0	1	0	0	0	0	1	1	0	0	1	0	0		5
Fu	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	0	1	1	1	0	0	0	2	2	1	0	1	0	0		17
CF	1	1	1	0	0	1	1	0	1	2	1	1	1	0	0	1	0	2	2	1	0	0	0	2	1	1	0	1	1	0		23
OG																																
Na																																
St	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0		3
Ag	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1		33
Mt	0	0	0	0	0	0	1	0	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	2	1	1	0	1	0	0		16
Du	0	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	2	1	1	0	1	0	0		18
Ke	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0	1	0	0		7
Ci	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	2	1	1	0	0	1	0		11
Eb																																
Ch	0	0	1	0	0	0	1	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	2	1	0	0	1	1	0		12
SM	0	0	1	0	0	1	1	0	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	2	1	1	0	1	1	0		21
SF	0	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	0	0	0	2	2	1	0	1	1	0		22
Ka																																
Ks	0	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	2	1	1	0	1	1	0		22
Tu	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	1	0	0		7
ZS	0	0	1	0	0	0	1	1	1	1	1	1	0	0	1	1	0	1	1	0	1	0	0	1	1	1	0	1	1	0		17
DD	0	0	1	0	0	0	1	1	1	1	1	1	0	0	0	2	0	1	2	0	0	0	0	2	1	1	0	1	0	0		17
He	1	1	1	1	0	1	2	2	1	2	1	1	0	0	1	1	1	2	2	1	1	0	0	2	1	1	0	1	2	0		30
Ta	0	1	0	1	0	1	2	1	1	2	1	1	1	0	1	0	0	1	2	1	0	0	0	2	1	1	0	1	1	0		23
AT																																
Ho	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	1	1	0	1	1	0		19
Te	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	2	2	1	1	1	1	0		12
Al	0	1	1	0	0	0	1	0	1	1	1	1	0	0	0	1	0	1	2	1	0	0	0	2	1	1	0	1	0	0		17
SJ	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	2	1	0	0	1	0	0		10
An	1	1	1	1	1	1	1	1	1	1	2	1	1	0	1	1	1	1	2	1	1	0	1	2	2	1	0	1	1	0		30
Ku	1	1	1	0	0	0	1	1	1	1	1	1	0	0	1	2	0	1	2	0	0	0	0	2	1	1	0	1	1	0		21
El	0	–	1	0	0	0	1	1	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	1	1	1	0	0	1	0		12
Hu	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	1	0	0		10
Ap	0	0	0	0	0	0	–	–	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0		5
Va	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	1	1	0	1	0	0		26
Wa	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0	1	1	0		9
Pi	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2	2	0	0	2	1	0		12
CT	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	2	1	0	0	1	0	0		10
To																																
Am	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0		7
Sums	21	37	42	13	14	23	54	41	45	64	58	39	16	5	23	39	18	55	73	34	23	9	4	102	73	44	9	61	42	6		1087
No. of 0	37	23	19	43	45	35	10	19	13	2	4	18	40	51	33	20	37	10	2	25	35	47	52	0	0	17	48	4	21	50		760
char- 1	17	27	32	13	8	19	36	29	39	42	46	37	16	5	23	31	18	37	35	28	19	9	4	10	39	34	7	43	28	6		737
acters 2	2	5	5	0	3	2	9	6	3	11	6	1	0	0	0	4	0	9	19	3	2	0	0	46	17	5	1	9	7	0		175

Selected days: Five quiet -- 14, 22, 23, 27, 30
Five disturbed -- 7, 10, 19, 24, 25

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1941
MAY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	0	1	0	1	0	1	1	1	0	0	1	0	1	2	1	1	0	0	1	2	2	2	2	1	1	1	1	1	1	28
CC	0	1	0	1	0	0	0	0	1	1	0	0	1	0	0	1	1	1	0	0	1	1	1	2	2	1	1	1	1	0	1	20
Di	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	1	1	2	2	1	1	0	1	1	0	1	17
MS	1	1	1	1	0	1	0	1	1	1	1	2	1	0	0	1	2	2	2	2	1	1	1	1	0	1	1	1	0	1	-	29
Ti																																
Tr																																
Al	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	1	2	2	2	2	56
So	2	1	1	1	0	2	1	2	1	2	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	1	2	2	2	2	50
We	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1	1	1	1	1	0	0	0	1	0	-	10
Sr	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1	1	1	1	1	-	0	0	0	0	0	9
Do	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	0	1	1	0	1	28
Ya	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1	1	-	1	1	1	0	0	0	0	-	9
Le	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	1	1	0	0	1	1	1	1	1	1	0	1	1	0	1	16
Sl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	4
Lo	2	1	1	1	1	1	1	1	1	2	0	1	1	1	2	2	2	2	1	0	2	2	2	2	2	1	1	1	1	1	2	41
Si	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	1	2	0	0	0	1	1	1	1	1	0	0	0	1	0	0	12
VD	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	0	10
RS	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	1	0	2	2	2	2	2	1	1	1	1	1	2	41
Za	0	0	0	1	0	0	1	1	0	1	0	1	1	0	0	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	1	17
KP																																
Es	1	0	0	1	0	0	0	1	0	1	0	0	1	0	0	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	17
Me	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	1	2	1	1	1	1	1	1	1	1	1	32
Sy	1	0	0	1	0	1	0	0	0	0	0	1	1	1	0	1	1	0	0	0	2	2	2	2	1	1	0	1	0	0	0	19
Wi	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	38
Zy	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1	1	1	0	0	0	0	0	0	0	0	7
Ni																																
Nz	1	0	0	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	24
Ab	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	28
Ja	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	4
Fu	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	2	2	1	1	0	0	0	1	0	14
CF	1	0	0	1	0	1	0	1	1	1	0	0	1	0	0	1	1	0	0	0	2	1	1	1	1	1	0	1	0	0	1	18
OG																																
Na																																
St	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
Ag	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	32
Mt	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	1	14
Du	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	8
Ke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	0	1	0	6
Ci	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	1	0	0	1	0	0	0	7
Eb																																
Ch	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	1	0	1	10
SM	1	0	0	1	0	0	1	1	0	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	21
SF	1	0	0	1	0	0	0	1	1	1	0	0	0	0	1	1	1	1	0	0	2	1	1	1	1	1	1	1	1	1	1	21
Ka																																
Ks	1	0	0	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	0	1	-	1	1	1	1	1	1	0	1	1	1	24
Tu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	6
ZS	1	0	0	1	0	1	0	1	1	1	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1	15
DD	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	1	0	0	0	0	0	1	10
He	0	0	1	1	1	1	0	1	1	1	0	0	0	0	1	1	1	1	0	1	2	2	1	1	1	1	1	1	0	1	1	24
Ta	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	1	1	0	0	2	2	1	1	1	1	0	1	0	1	1	17
AT																																
Ho	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	1	1	1	0	0	1	1	1	1	1	1	0	1	1	1	1	18
Te	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2	2	2	2	1	0	0	0	0	0	15
Al	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	0	1	2	1	1	2	1	0	1	0	0	1	1	30
SJ	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	6
An	1	0	0	1	1	1	0	1	1	1	1	0	1	1	1	1	2	1	1	0	1	1	1	1	1	1	1	0	1	1	1	26
Ku	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	2	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	16
El	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	6
Hu	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	6
Ap	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	6
Va	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	31
Wa	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	6
Pi	1	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	2	1	1	1	0	0	0	0	0	1	1	13
CT	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	7
To																																
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	5
Sums	30	14	13	49	12	26	15	33	27	29	12	19	29	18	21	50	68	29	13	11	69	67	63	62	51	33	19	28	29	31	36	1006
No. of 0	30	43	43	7	44	33	42	25	30	31	45	39	29	40	38	13	4	32	44	46	2	0	2	7	13	24	37	30	29	27	21	850
char- 1	22	12	13	49	12	20	13	29	25	21	10	15	25	14	15	36	36	19	11	9	37	45	43	36	35	29	19	24	25	27	28	754
acters 2	4	1	0	0	0	3	1	2	1	4	1	2	2	2	3	7	16	5	1	1	16	11	10	13	8	2	0	2	2	2	4	126

Selected days: Five quiet -- 2, 3, 5, 19, 20
Five disturbed -- 17, 21, 22, 23, 24

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1941
JUNE--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	0	0	0	0	0	0	1	2	1	1	2	2	2	0	1	1	1	1	1	1	0	1	0	0	1	0	1	0		20
CC	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0	1	1	0	1	1	1	0	1	0	1	1	1	0	0		15
Di	0	0	0	0	0	0	0	0	1	2	1	1	2	1	1	0	1	0	1	1	1	1	0	1	1	1	1	0	0	0		18
MS																																
Ti																																
Tr																																
Ai	1	1	0	0	0	1	0	0	1	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2	2	2	1	1	2	1		41
So	1	1	0	0	0	1	1	0	1	2	2	1	2	2	2	0	2	2	2	2	2	2	0	2	2	2	1	1	1	0		37
We	1	0	0	0	0	0	0	0	1	1	0	0	2	1	1	0	1	0	0	1	0	1	0	0	0	0	1	0	0	0		11
Sr	0	0	0	0	0	0	0	0	1	2	1	0	2	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0		11
Do	1	0	0	0	0	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0		20
Ya	0	0	0	0	0	0	0	0	1	1	1	0	2	1	1	-	1	1	0	1	1	1	0	0	0	0	0	0	0	0		12
Le	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	0	0	0	1	0	0	1	0		14
Sl	0	0	0	0	0	0	0	0	0	1	1	0	2	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0		8
Lo	1	1	1	0	0	1	1	1	2	2	2	1	2	2	2	0	2	2	1	2	2	1	0	1	1	1	1	1	1	1		36
Si	0	0	0	0	0	1	0	0	1	1	1	1	2	1	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	0		15
VD	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0		8
RS	1	0	1	1	0	2	1	1	1	2	2	1	2	2	2	0	2	2	1	2	1	1	1	1	1	1	1	1	1	1		36
Za	0	0	1	0	0	1	0	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	0	1	0	0	1	0	0	0		16
KP																																
Es	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	0	0	0	1	1	0	1	0		15
Me	1	0	1	0	0	1	1	1	1	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1		30
Sy	0	0	0	0	0	0	0	1	1	2	2	1	2	2	2	0	2	2	1	1	0	1	0	1	0	1	1	1	1	0		25
Wi	1	0	0	0	0	1	1	1	1	2	2	1	2	2	2	0	2	2	1	2	2	1	1	1	1	1	1	1	1	1		34
Zy	0	0	0	0	0	1	0	0	1	1	1	0	2	1	1	0	1	1	0	1	1	1	0	0	0	0	0	0	1	0		14
Ni																																
Nz	1	0	1	-	0	1	0	0	1	2	1	1	2	1	1	0	1	1	0	1	1	0	0	0	0	0	1	0	1	0		18
Ab	1	0	0	0	1	1	1	1	1	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0		26
Ma																																
Fu	0	0	0	0	0	1	0	1	1	2	2	1	2	1	1	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0		17
CF	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	0	1	1	0	1	0		19
OG																																
Na																																
St	0	0	0	0	0	0	0	0	0	1	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0		1
Ag	1	0	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		31
Mt	0	0	0	0	0	1	0	1	1	1	2	1	2	1	1	0	1	1	1	1	1	1	0	1	0	1	1	0	1	0		21
Du	0	0	0	0	0	0	0	0	1	2	1	1	2	1	1	0	1	1	0	1	1	1	1	1	0	0	0	0	0	0		16
Ke	0	0	0	0	0	1	0	1	2	2	1	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0		12
Ci	0	0	0	0	0	0	0	0	0	2	2	0	1	1	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0		10
Eb																																
Ch	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	0	1	0	0	0	0	0	1	1	0	0	0		10
SM	0	0	0	0	0	1	0	1	1	1	1	1	2	1	1	0	1	1	0	1	1	1	0	0	0	1	0	1	1	1		19
SF	1	0	0	0	0	1	1	1	1	2	2	1	2	1	1	0	1	1	1	1	1	1	0	0	-	1	1	1	1	0		24
Ka																																
Ks	1	0	1	0	0	1	0	1	1	2	2	1	1	1	1	0	1	1	1	1	1	1	0	-	-	-	-	1	1	1		22
Tu	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0		9
ZS	0	0	0	0	0	0	0	0	1	1	1	0	2	1	1	0	1	1	0	1	0	0	0	0	0	1	1	0	1	0		13
DD	0	0	0	0	0	1	0	0	2	1	1	0	2	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	1	0		12
He	0	0	1	0	0	1	0	1	2	2	1	1	1	1	1	0	2	1	1	1	1	1	0	1	0	1	1	0	1	0		23
Ta	0	0	1	0	0	1	0	0	2	2	2	0	1	1	1	0	1	1	0	1	1	1	0	0	1	1	2	0	1	0		21
AT																																
Ho	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0	1	1	0	1	0	1	0	0	0	1	1	0	1	0		16
Te	0	0	0	0	0	0	0	0	1	2	2	1	2	2	2	2	2	2	2	2	2	2	1	1	0	1	0	0	0	0		29
Al	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2		38
SJ	0	0	0	0	0	0	0	0	1	1	1	0	2	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0		10
An	1	0	1	0	1	1	0	1	2	2	2	1	2	1	1	0	2	2	1	2	1	1	1	1	1	1	1	1	1	0		32
Ku	1	0	0	0	0	0	0	0	1	2	1	1	2	1	2	0	1	1	0	1	0	0	0	0	0	1	1	0	0	0		17
El	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	-	1	0	0	0	0	0	0	0	0	1	0	1	0		9
Hu	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0		10
Ap	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0		6
Va	1	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		26
Wa	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	0	1	1	0	0	0	0	0	1	0	0	0		10
Pi	0	0	0	0	0	0	1	0	1	1	1	0	2	1	1	1	2	2	1	1	0	0	0	0	1	0	1	0	0	0		17
CT	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0		7
To																																
Am	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4
Sums	17	4	11	3	5	27	11	20	53	78	63	34	84	59	64	9	60	53	25	56	40	37	11	24	17	30	38	16	31	11		991
No. of 0	37	50	43	50	49	28	43	34	8	0	4	20	0	4	1	44	2	9	31	4	19	20	43	31	37	25	17	38	25	44		760
chcr- 1	17	4	11	3	5	25	11	20	39	30	35	32	22	39	40	7	40	35	19	42	30	31	11	20	13	26	34	16	27	9		693
acters 2	0	0	0	0	0	1	0	0	7	24	14	1	31	10	12	1	10	9	3	7	5	3	0	2	2	2	2	0	2	1		149

Selected days: Five quiet -- 2, 3, 4, 5, 16
Five disturbed -- 10, 11, 13, 14, 15

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1941
JULY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	1	2	2	2	2	1	1	2	1	1	0	0	0	1	1	1	0	1	2	2	1	1	1	0	0	0	0	0	0	27
CC	0	0	0	1	2	2	1	1	1	1	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	15
Di	0	0	0	1	2	2	1	1	1	1	1	0	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	15
MS																																
Ti																																
Tr																																
Ai	2	1	2	2	2	2	2	2	2	2	1	2	0	1	0	2	2	2	2	1	2	2	2	2	1	0	0	1	1	1	2	46
So	1	1	2	2	2	2	2	1	2	2	0	2	0	1	0	2	2	1	1	1	2	2	2	2	1	1	1	0	0	1	1	40
We	0	0	0	1	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	15
Sr	0	0	0	2	2	2	2	1	1	2	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	16
Do	0	1	1	1	2	1	2	1	0	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1	0	24
Ya	1	0	0	2	2	2	2	1	1	1	0	0	0	0	0	-	-	-	-	-	2	1	1	0	0	0	0	0	0	0	0	16
Le	0	0	1	1	2	1	2	1	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	18
Sl	0	0	0	1	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	11
Lo	1	1	2	2	2	2	2	2	2	2	1	2	1	1	1	2	1	1	1	1	2	2	2	2	2	1	0	0	1	1	1	44
Si	1	1	0	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	17
VD	0	0	1	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	12
RS	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	2	2	2	1	1	0	0	1	0	0	1	39
Za	0	0	0	1	2	2	1	1	1	1	0	1	0	0	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	17
Kp																																
Es	0	0	1	1	2	2	2	1	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	19
Me	1	2	1	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	0	0	1	0	1	1	40
Sy	0	0	0	2	2	2	2	1	1	2	-	0	0	0	0	1	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	17
Wi	1	1	1	2	2	2	2	2	2	2	1	1	1	0	1	1	1	1	1	1	2	2	1	1	1	0	0	0	0	0	1	34
Zy	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	6
Ni																																
Nz	1	0	1	1	2	2	2	1	1	1	1	1	0	0	0	1	1	0	0	1	1	1	1	1	1	0	0	1	0	0	0	23
Ab	1	1	1	1	2	2	2	1	1	1	1	1	1	0	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	1	1	30
Ma																																
Fu	0	0	1	1	2	2	2	1	2	1	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	19
CF	1	0	1	1	2	1	2	1	1	1	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	18
OG																																
Na																																
St	0	0	0	1	2	1	1	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	10
Ag	1	1	1	1	2	2	2	1	1	1	1	1	0	0	0	1	1	1	1	1	2	1	1	1	1	0	0	0	0	1	1	28
Mt	1	0	1	1	2	1	2	1	1	1	1	1	0	0	0	-	-	-	-	-	1	1	1	1	1	0	0	0	0	0	0	18
Du	1	0	1	2	2	2	2	1	1	1	0	0	0	0	0	1	1	0	0	1	2	1	1	1	1	0	0	0	0	0	0	22
Ke	0	0	1	1	2	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	11
Cp	0	0	1	1	2	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	-	0	12
Eb																																
Ch	1	0	0	1	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	13
SH	1	1	1	1	2	1	1	1	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	1	0	0	0	0	0	0	16
SF	1	0	0	1	2	2	2	1	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	1	22
Ka																																
Ks	1	0	1	1	2	1	2	1	1	1	1	1	0	0	0	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	1	22
Tu	0	0	0	1	2	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	8
ZS	1	0	1	1	2	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	17
DD	0	0	1	1	2	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	10
He	1	0	1	2	2	2	2	1	2	2	1	1	0	0	0	1	0	0	0	1	1	1	1	1	2	-	0	1	0	0	1	27
Ta																																
AT																																
Ho	0	0	1	1	2	1	1	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	14
Te	1	0	2	2	2	2	2	2	2	2	2	2	1	0	0	1	1	1	0	0	2	2	2	2	1	0	0	0	1	0	0	35
Al	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	0	1	2	1	1	1	1	0	0	1	1	1	1	38
SJ	0	0	0	1	2	1	1	0	1	0	0	0	0	0	0	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
An	1	1	1	2	2	2	2	1	1	1	1	1	0	0	1	1	1	1	1	1	2	1	1	1	2	1	0	0	0	1	1	32
Ku	0	0	0	1	2	2	1	1	1	1	0	1	0	0	0	1	0	0	0	1	2	1	1	0	2	0	0	0	0	0	0	18
El	0	0	1	-	2	1	1	0	0	1	-	-	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	10
Hu	0	0	0	0	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	7
Ap	0	0	1	-	2	1	1	0	1	1	1	0	0	0	0	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	15
Va	1	1	1	1	2	2	2	1	1	1	1	1	0	0	1	1	1	1	1	1	2	1	1	1	1	1	0	1	1	1	1	32
Wa	0	0	0	1	2	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	9
Pi	1	0	1	2	2	2	1	0	1	2	0	0	0	0	0	2	1	0	0	0	2	1	0	1	1	0	0	1	0	0	0	21
CT	0	0	0	1	2	2	2	0	0	1	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	11
To																																
Am	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5
Sums	26	16	38	65	106	84	82	47	55	60	27	29	8	7	8	43	27	14	13	25	73	54	45	35	38	4	1	8	5	10	15	1068
No. of 0	28	38	20	2	0	0	0	13	7	6	27	29	45	46	45	13	26	37	38	25	0	6	13	21	18	47	51	44	47	41	38	771
char- 1	24	14	28	33	0	22	24	33	37	34	21	17	8	7	8	33	23	12	11	25	31	38	33	27	30	4	1	8	5	10	13	614
acters 2	1	1	5	16	53	31	29	7	9	13	3	6	0	0	0	5	2	1	1	0	21	8	6	4	4	0	0	0	0	0	1	227

Selected days: Five quiet -- 13, 14, 26, 27, 29
Five disturbed -- 4, 5, 6, 7, 21

Days recommended for reproduction of magnetograms -- 5

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1941
AUGUST--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	2	2	2	2	2	2	0	0	0	1	1	1	1	0	0	0	0	1	0	0	1	0	1	0	1	2	2	2	2	1	30
CC																																
Di																																
MS																																
Ti																																
Tr																																
Ai	2	2	2	2	2	2	2	0	0	0	1	2	2	1	1	-	-	-	2	-	-	-	-	-	2	2	2	2	2	2	2	37
So	2	2	2	2	2	2	2	1	0	0	1	1	1	1	1	0	0	1	2	1	1	1	0	1	2	2	2	2	2	2	1	40
We	0	1	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	1	1	1	0	13
Sr	1	2	1	2	1	2	2	0	0	-	0	0	1	0	0	0	0	0	2	0	0	0	0	1	1	2	2	2	2	1	-	25
Do	1	2	1	2	1	1	2	1	1	1	1	0	1	0	0	0	0	1	1	0	0	0	0	1	1	2	2	1	1	1	1	27
Ya																																
Le	0	1	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	2	1	1	1	1	18
Sl																																
Lo	1	2	2	2	2	2	2	1	1	0	1	1	1	1	0	1	0	1	2	1	1	1	0	1	2	2	2	2	2	2	1	40
Si	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	2	1	1	1	1	18
VD	0	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	12
RS	1	2	2	2	2	2	2	0	0	0	1	1	1	1	1	1	0	1	2	1	1	1	0	1	2	2	2	2	2	2	1	39
Za	0	1	1	2	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	15
KP																																
Es	0	1	1	2	2	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	1	2	2	1	1	1	1	20
Me	1	2	1	2	2	2	2	1	0	0	1	1	1	1	0	0	0	0	2	1	1	0	1	1	1	2	2	2	2	2	1	35
Sy	0	2	1	2	2	2	2	0	0	0	1	1	1	0	0	0	0	0	2	0	0	0	0	1	1	2	2	2	2	2	1	29
Wi	1	2	2	2	2	2	2	1	0	0	1	1	1	1	0	0	0	1	2	0	1	0	0	1	1	2	2	2	2	2	1	35
Zy	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	9
Ni																																
Nz																																
Ab	1	2	1	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	2	1	1	1	1	32
Ma																																
Fu	1	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	1	2	2	2	2	1	1	24
CF	0	2	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	2	1	1	1	1	19
OG																																
Na																																
St																																
Ag	1	1	1	2	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	0	1	1	0	1	1	1	2	2	1	1	1	27
Mt	0	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	1	1	1	1	0	14
Du	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	-	1	1	0	6
Ke	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	1	2	1	1	12
Cá	0	1	-	-	0	1	1	0	0	0	0	0	0	0	0	-	-	0	1	0	1	0	0	0	0	1	1	0	1	1	0	9
Eb																																
Ch	0	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	12
SM	0	1	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	12
SF	1	1	1	2	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	0	1	0	0	1	1	1	2	1	2	1	1	23
Ka																																
Ks	1	1	1	2	1	1	1	0	0	0	1	1	1	0	0	0	0	1	1	0	1	0	-	-	1	1	1	1	1	1	1	21
Tu	0	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	9
ZS	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	1	1	1	1	1	1	15
DD	0	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	2	1	1	0	0	12
He	1	1	1	2	1	1	1	0	0	1	0	0	0	0	0	0	0	1	1	0	1	0	0	0	1	1	2	1	2	2	1	22
Ta																																
AT																																
Ho	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	1	1	1	1	0	13
Te	1	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	2	2	1	1	24
Al	1	2	1	2	2	2	1	0	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1	1	2	2	1	1	1	39
SJ	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	0	11
An	1	2	1	2	1	2	1	1	0	1	1	1	1	1	1	0	1	1	2	1	1	0	0	1	1	2	2	2	2	2	1	36
Ku	1	2	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	2	1	1	1	1	19
El	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	-	-	0	0	0	0	1	1	1	1	0	8
Hu	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	8
Ap	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	13
Va	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	30
Wa	0	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	12
Pi	1	1	1	2	2	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	2	1	1	1	1	0	19
CT	0	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	2	1	1	1	0	14
To																																
Am	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	7
Sums	24	63	37	83	54	53	51	9	4	5	18	16	19	12	7	5	5	15	54	8	23	8	2	20	32	59	74	59	61	55	29	964
No. of 0	25	1	17	0	7	6	8	38	43	41	29	32	29	35	40	40	41	32	2	38	22	37	43	26	19	3	0	1	1	2	18	676
char- 1	20	29	21	7	26	29	27	9	4	5	18	14	17	12	7	5	3	13	36	8	23	8	2	18	24	29	20	31	31	35	27	558
acters 2	2	17	8	38	14	12	12	0	0	0	0	1	1	0	0	0	1	1	9	0	0	0	0	1	4	15	27	14	15	10	1	203

Selected days: Five quiet -- 9, 10, 16, 17, 23
Five disturbed -- 2, 4, 26, 27, 29

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1941
SEPTEMBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	0	0	0	0	1	1	0	1	1	0	1	2	2	1	1	2	2	2	2	0	0	2	2	0	1	0	1	1		28
CC	1	1	0	0	0	0	1	0	0	0	1	0	1	1	1	1	1	2	2	1	1	0	1	1	1	0	1	0	1	1		21
Di																																
MS																																
Ti																																
Tr																																
Ai	2	2	2	0	0	0	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	2	2		49
So	2	2	1	0	0	0	2	2	2	2	2	1	2	2	2	2	1	2	2	2	2	0	2	2	2	0	1	2	2	2		46
We	1	1	0	0	0	0	1	0	0	0	1	0	1	1	1	0	0	2	1	2	2	0	1	1	1	0	1	0	0	0		18
Sr	1	1	0	0	0	0	2	1	1	0	1	0	2	2	2	1	1	2	2	2	2	0	1	1	2	0	1	0	1	1		30
Do	1	1	1	0	0	1	1	1	1	0	1	0	1	2	1	1	1	2	2	1	1	1	1	2	2	1	1	1	0	0		29
Ya																																
Le	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	2	2	1	1	0	1	2	1	0	0	0	1	1		21
Sl																																
Lo	2	1	1	1	0	0	2	1	2	2	1	0	2	2	2	2	2	2	2	2	2	0	2	2	2	1	2	1	2	2		45
Si	1	0	0	0	0	0	1	0	0	0	1	0	1	1	1	0	0	2	2	2	1	0	1	1	1	0	1	0	1	1		19
VD	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	2	2	2	1	0	1	1	1	0	1	0	1	0		19
RS	2	1	1	0	0	0	2	1	2	1	1	0	2	2	2	2	1	2	2	2	2	0	2	2	2	1	2	1	2	2		42
Za	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	2	2	1	1	0	1	1	1	0	1	1	1	1		23
KP																																
Es	1	1	0	0	0	0	1	0	1	0	0	0	1	1	1	1	0	2	2	1	1	0	1	2	1	0	0	0	1	1		20
Me	1	1	0	1	0	0	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	1	1	1	1	0	1	1	1	1		32
Sy	1	1	0	0	0	0	2	0	1	0	0	0	2	2	2	2	1	2	2	2	2	0	1	2	2	0	0	0	1	1		29
Wi	2	1	1	0	0	0	2	1	2	1	1	0	2	2	2	2	1	2	2	2	2	0	2	2	2	1	1	1	1	2		40
Zy	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	2	2	2	2	0	1	1	0	0	0	0	0	0		15
Ni																																
Nz																																
Ab	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	0	1	2	1	1	1	1	1	1		29
Ma																																
Fu	1	1	0	0	0	0	2	0	0	0	0	0	2	2	2	0	0	2	2	2	2	0	2	2	1	0	0	0	1	1		25
CF	1	1	0	0	0	0	1	1	1	0	1	0	1	1	2	2	1	2	2	1	2	0	1	1	2	0	1	1	1	1		28
OG																																
Na																																
St																																
Ag	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	2	2	1	1	1	1	1	1	0	1	1	1	1		27
Mt	1	1	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	2	2	2	2	0	1	1	1	0	0	0	1	0		19
Du	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	2	2	1	1	0	1	1	0	0	0	0	0	0		12
Ke	1	0	0	0	0	0	1	0	0	0	0	0	2	1	2	1	1	2	2	2	1	0	1	1	1	0	0	0	0	0		19
Ci	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	2	1	2	2	2	1	0	1	1	1	0	0	0	0	0		18
Eb																																
Ch	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	2	2	1	1	0	0	1	1	0	0	0	0	0		14
SM	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	2	2	1	1	0	0	1	0	0	0	0	1	1		17
SF	1	1	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	2	2	1	1	0	1	1	1	0	0	1	1	1		24
Ka																																
Ks	1	-	0	0	-	0	1	1	1	1	1	0	2	1	1	1	1	2	2	1	1	0	1	1	1	1	1	1	1	1		26
Tu	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	2	1	1	0	0	1	0	0	0	0	0	0		10
ZS	1	1	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	2	2	2	1	0	1	1	1	0	0	0	1	0		18
DD	1	0	0	0	0	0	1	0	0	0	0	0	2	1	1	1	0	2	2	2	1	0	1	1	0	0	0	0	0	0		16
He	1	1	0	0	0	0	2	1	1	0	1	0	2	2	2	2	1	2	2	2	1	0	1	1	2	0	1	1	1	1		31
Ta																																
AT																																
Ho	1	1	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0	2	2	1	1	1	1	1	1	0	1	0	1	0		20
Te	1	0	0	0	0	1	1	0	0	0	0	0	2	2	2	1	1	2	2	2	2	2	2	2	2	1	1	1	0	0		30
Al	1	1	0	0	0	0	2	1	1	1	1	1	2	2	1	1	1	2	2	2	1	1	1	1	1	1	0	1	1	0		30
SJ	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	2	2	1	0	0	0	2	0	0	0	0	0	0		10
An	1	1	1	1	0	0	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1		36
Ku	1	1	0	0	0	0	1	1	0	0	1	0	2	1	1	0	1	2	2	2	1	0	1	1	1	0	1	0	1	1		23
El	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	2	2	1	1	0	1	1	0	0	0	0	1	0		13
Hu	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	2	2	1	1	0	0	1	0	0	0	0	0	0		11
Ap	1	1	0	0	0	0	1	1	0	0	1	0	1	1	1	1	0	2	2	1	1	0	1	1	1	0	0	1	1	1		21
Va	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1		31
Wa	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	2	2	1	1	0	0	0	1	1	0	0	0	0		14
Pi	1	0	0	0	0	0	1	1	1	0	0	0	2	0	1	1	1	2	2	1	1	1	1	1	1	1	0	0	0	1		21
CT	1	0	0	0	0	0	1	1	1	0	1	0	1	1	2	1	0	2	2	2	1	0	1	2	1	0	0	0	1	0		22
To																																
Am	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	2	2	1	1	0	0	0	1	0	0	0	0	0		11
Sums	47	31	11	4	0	2	57	28	29	17	26	7	64	62	63	47	31	96	95	73	63	10	47	61	52	12	27	21	37	32		1152
No. of 0	6	18	38	44	47	46	1	22	24	34	24	41	2	1	0	11	20	0	0	0	1	39	8	2	8	36	24	29	15	21		562
char- 1	37	27	9	4	0	2	37	24	19	11	22	7	28	32	33	27	25	0	1	23	31	8	33	31	28	12	21	17	29	22		600
acters 2	5	2	1	0	0	0	10	2	5	3	2	0	18	15	15	10	3	48	47	25	16	1	7	15	12	0	3	2	4	5		276

Selected days: Five quiet -- 4, 5, 6, 12, 22
Five disturbed -- 13, 15, 18, 19, 20

Days recommended for reproduction of magnetograms -- 18+, 19+

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1941
OCTOBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	0	0	0	0	0	1	1	1	2	2	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1	18
CC	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	0	1	0	1	0	1	0	1	0	1	1	15
Di																																
MS																																
Ti																																
Tr																																
Ai	1	2	2	2	2	1	0	2	1	2	2	2	1	2	2	2	0	1	2	1	0	2	2	2	1	2	2	2	2	2	2	49
So	1	2	1	1	1	1	0	1	0	1	2	2	1	2	2	2	1	0	2	1	0	2	2	2	1	2	2	1	1	1	2	40
We	0	0	0	0	0	0	0	0	0	0	2	-	0	1	1	1	0	0	1	0	0	2	1	1	0	1	0	0	0	0	1	12
Sr	0	0	0	0	0	0	0	0	0	0	2	2	1	1	2	1	0	0	1	1	0	2	1	1	0	1	0	0	0	0	2	18
Do	0	1	0	0	1	0	0	1	1	1	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	27
Ya																																
Le	0	1	0	0	0	0	0	1	0	1	2	1	0	1	1	1	0	0	1	0	0	2	1	1	0	1	0	0	0	0	2	17
Sl																																
Lo	1	1	1	1	1	1	0	1	1	1	2	2	1	2	2	2	1	0	2	1	0	2	2	2	1	2	1	1	1	1	2	39
Si	0	0	0	0	1	0	0	0	0	0	2	1	1	1	1	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	12
VD	0	0	0	0	0	0	0	1	0	1	2	1	0	1	1	1	0	0	1	0	0	2	1	1	0	1	0	0	0	0	2	16
RS	1	1	1	1	1	1	0	2	1	1	2	2	1	2	2	2	1	1	2	1	1	2	2	2	1	2	1	1	1	1	2	42
Za	0	0	0	0	0	0	0	1	0	1	2	1	0	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	2	20
KP																																
Es	0	0	0	0	0	0	0	1	0	1	2	1	0	1	1	1	0	0	1	0	0	2	1	1	0	1	0	0	0	0	2	16
Me	1	0	1	0	1	1	0	1	1	1	2	1	1	1	2	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	2	29
Sy	0	0	0	0	1	0	0	1	0	1	2	2	1	1	1	2	0	0	0	0	0	2	1	2	0	1	0	0	0	0	2	20
Wi	0	1	1	0	1	0	1	1	1	1	2	2	1	2	2	2	0	1	2	1	0	2	2	2	2	2	1	1	1	1	2	38
Zy	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	5
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1	1	1	1	2	1	1	1	1	1	1	1	1	2	33
Ma																																
Fu	1	0	1	0	0	0	1	2	0	0	0	0	0	0	1	0	0	1	1	0	2	2	0	0	2	2	1	0	0	0	0	17
CF	0	1	0	0	0	0	0	1	0	1	2	1	0	1	1	1	0	0	1	0	0	2	1	1	0	1	0	1	0	0	2	18
OG																																
Na																																
St																																
Ag	1	1	0	0	1	0	0	1	0	1	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	2	26
Mt	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	7
Du	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	6
Ke	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	0	0	0	0	2	9
Ci	0	0	0	0	-	-	-	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1	1	1	-	-	-	-	-	1	7
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	4
SM	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	0	1	1	0	0	1	1	1	1	0	0	0	0	0	1	15
SF	0	1	0	0	0	0	0	1	0	1	2	1	1	1	1	1	0	0	1	0	0	2	1	1	1	1	1	1	0	0	2	21
Ka																																
Ks	0	1	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	1	0	0	2	1	1	1	1	1	1	1	1	2	29
Tu	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	5
ZS																																
DD	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	2	10
He	0	1	0	0	0	0	0	1	1	1	2	1	1	1	0	1	0	0	1	0	0	2	1	2	0	-	0	0	0	0	2	18
Ta																																
AT																																
Ho	0	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	12
Te	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	0	0	0	0	2	1	0	0	0	0	0	0	1	2	16
Al	0	0	0	0	0	0	0	1	1	1	2	1	0	1	1	1	0	0	0	1	1	2	1	1	0	1	0	0	0	0	2	18
SJ	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	2	6
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	8
Hu	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2	1	0	0	0	0	0	0	0	2	7
Ap	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	10
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	1	1	1	1	1	1	1	1	2	1	32
Wa	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	5
Pi	1	1	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	2	0	1	0	1	0	0	1	0	2	12
CT	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	0	0	0	0	2	9
To																																
Am	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Sums	10	18	10	8	14	8	5	27	13	29	(73)	44	21	39	37	39	9	11	28	12	8	(70)	40	39	19	33	16	14	14	16	(71)	795
No. of 0	35	29	36	38	31	36	39	21	32	17	1	9	24	11	15	12	36	34	22	33	39	1	10	13	28	16	30	31	31	30	1	741
char- 1	10	14	8	6	12	8	5	21	13	27	15	26	21	29	23	27	9	11	18	12	4	18	30	25	15	21	12	12	12	12	17	493
acters 2	0	2	1	1	1	0	0	3	0	1	29	9	0	5	7	6	0	0	5	0	2	26	5	7	2	6	2	1	1	2	27	151

Selected days: Five quiet -- 4, 6, 7, 17, 21
Five disturbed -- 11, 12, 16, 22, 31

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1941
NOVEMBER--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	1	0	0	0	1	1	2	2	1	1	2	1	1	0	0	0	2	2	2	0	0	1	0	0	0	0	0	2	0	1		23
CC	1	0	0	0	1	2	1	1	1	1	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1		13
Di																																
MS																																
Ti																																
Tr																																
Ai	2	2	2	1	2	2	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	1	1	0	1	2	1	1		50
So	2	2	1	0	2	2	2	2	2	2	2	2	1	1	0	1	2	2	2	2	2	2	2	1	1	0	1	2	1	1		45
We	2	0	0	0	1	2	1	1	1	1	1	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	1	1	0	0		17
Sr	2	0	0	0	1	2	2	2	1	2	1	0	1	1	0	0	2	2	1	0	0	1	1	0	0	0	1	2	1	0		26
Do	2	1	1	0	1	2	1	1	1	1	2	1	1	0	0	0	2	1	1	0	1	1	1	1	1	1	1	1	1	1		29
Ya																																
Le	2	0	0	0	1	2	1	1	1	1	1	1	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	2	0	0		19
Sl																																
Lo	2	2	1	0	2	2	2	2	2	2	2	1	1	0	0	1	2	2	2	1	1	2	2	1	1	0	1	2	1	1		41
Si	2	0	0	0	1	2	1	1	1	1	1	0	0	1	0	0	1	1	1	1	0	1	1	0	0	0	1	1	1	0		20
VD	2	0	0	0	1	2	1	1	1	1	1	0	0	0	0	0	2	1	1	0	0	0	1	0	0	0	0	2	0	0		17
RS	2	1	1	0	2	2	2	2	2	2	2	2	1	1	0	1	2	2	2	1	1	2	2	1	1	0	1	2	1	1		42
Za	2	0	1	0	1	2	1	1	1	1	1	0	1	0	0	0	2	1	1	1	1	1	1	1	1	0	1	1	1	1		26
KP																																
Es	2	0	0	0	1	2	1	1	1	1	1	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	1	2	0	0		19
Me	2	0	1	1	1	2	2	2	1	2	2	1	1	1	1	0	2	2	1	1	1	1	1	0	1	1	1	2	1	1		36
Sy	2	0	0	0	1	2	2	2	1	2	2	1	0	0	0	0	2	2	2	0	1	2	1	0	0	0	0	2	0	0		27
Wi	2	1	1	0	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	1	1	2	1	1	1	0	1	2	1	1		42
Zy	2	0	0	0	0	2	0	0	1	1	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	1	0	0		11
Ni																																
Nz																																
Ab	2	1	1	1	1	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	2	1	1		31
Ma																																
Fu	0	0	0	2	1	0	0	0	0	0	0	2	2	1	0	1	1	0	0	0	1	1	1	0	2	1	0	0	2	1		19
CF	2	0	0	0	1	2	1	1	1	1	1	1	0	0	0	0	2	1	2	1	1	1	1	0	1	0	1	2	1	1		26
OG																																
Na																																
St																																
Ag	2	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	2	1	0		23
Mt	2	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	1	2	1	0		19
Du	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0		8
Ke	2	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	1	0	0		13
Ci	2	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	-	1	2		15
Eb																																
Ch	2	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0		9
SM	1	0	1	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	2	1	0		20
SF	2	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1	0	0	0	1	2	0	0		20
Ka																																
Ks	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	-	-	1	0	1	2	1	0		30
Tu	2	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	1	0	0		13
ZS																																
DD	2	0	0	0	1	2	1	1	1	2	1	0	0	0	0	0	2	1	1	0	0	1	0	0	0	0	1	2	0	0		19
He	2	0	0	0	1	2	1	1	1	2	2	2	0	0	0	1	2	2	1	0	0	2	1	1	1	0	1	2	0	0		28
Ta																																
AT																																
Ho	2	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	1	1	1	0		17
Te	2	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	2	2	0	0		14
Al	2	0	1	0	1	2	1	1	1	1	1	0	0	0	0	0	2	1	1	0	0	1	1	0	0	0	1	2	1	0		21
SJ	2	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	1	2	0	0		16
An																																
Ku																																
El	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0		9
Hu	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0	0		7
Ap	1	0	1	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0		19
Va	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1		27
Wa	1	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0		8
Pi	2	0	1	0	1	1	0	0	0	1	1	0	0	0	1	1	2	1	1	1	1	1	1	0	0	0	1	2	1	0		21
CT	2	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1	2	0	0		14
To																																
Am	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0		5
Sums	78	15	18	8	42	67	44	44	39	51	46	25	16	12	7	14	66	53	46	18	23	39	33	10	15	4	33	69	23	16		974
No. of 0	1	33	28	38	8	2	10	10	11	4	9	26	30	34	39	31	0	3	7	29	24	13	15	34	31	41	13	2	23	30		579
char- 1	10	9	16	6	32	19	26	26	29	31	26	13	14	10	5	14	24	31	30	14	19	25	25	10	13	4	31	15	21	14		562
acters 2	34	3	1	1	5	24	9	9	5	10	10	6	1	1	1	0	21	11	8	2	2	7	4	0	1	0	1	27	1	1		206

Selected days: Five quiet -- 4, 15, 16, 24, 26
Five disturbed -- 1, 6, 10, 17, 28

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1941
DECEMBER--Concluded

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	2	1	1	2	0	1	1	1	0	1	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	17
CC	2	1	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0	1	0	0	11
Di																																
Ms																																
Ti																																
Tr																																
Ai	2	2	2	2	2	1	2	2	2	1	0	1	2	2	2	2	2	1	1	0	1	1	2	1	0	2	2	2	2	2	1	47
So	2	2	2	2	2	1	1	2	2	1	0	1	2	2	2	2	2	1	1	1	1	1	2	1	0	2	2	2	2	1	1	46
We	2	1	0	1	1	0	1	0	1	1	0	0	1	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	13
Sr	2	1	0	1	0	0	0	0	1	0	0	0	1	2	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	12
Do	2	1	1	1	1	1	1	1	0	0	0	0	1	2	1	1	1	1	0	0	1	0	1	1	1	0	1	1	1	1	0	24
Ya																																
Le	2	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	0	0	1	1	0	1	0	0	16
Sl																																
Lo	2	2	2	1	2	1	1	1	1	0	0	1	2	2	2	2	2	1	1	0	1	1	2	1	0	1	2	1	2	1	1	39
Si	2	1	0	1	1	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	10
VD	2	1	0	1	1	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	11
RS	2	2	2	2	2	1	1	1	1	1	0	1	2	2	2	2	2	1	0	0	1	1	2	1	0	1	2	1	2	1	1	40
Za	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	30
KP																																
Es	2	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	0	0	0	1	0	1	1	0	15
Me	2	2	1	1	1	1	1	1	1	1	1	0	1	2	1	1	1	2	1	1	0	0	1	1	1	1	1	1	1	1	1	32
Sy	2	2	1	2	2	1	0	1	1	0	0	0	2	2	1	2	2	1	0	0	0	1	0	1	0	1	2	1	1	0	0	29
Wi	2	2	2	2	2	1	1	2	2	1	0	0	2	2	2	2	2	1	1	1	1	1	2	1	0	2	2	1	2	1	1	44
Zy	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
N1																																
Nz																																
Ab	2	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	29
Ma																																
Fu	0	1	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	2	2	1	1	0	0	0	0	0	1	1	1	15
CF	2	2	1	1	1	1	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	0	1	1	0	1	1	0	22
OG																																
Na																																
St																																
Ag	2	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	18
Mt	2	1	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	10
Du	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Ke	2	1	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	10
Ci	0	0	0	1	1	0	0	1	1	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	0	0	1	0	0	1	0	10
Eb																																
Ch	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
SM	2	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	17
SF	2	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	0	22
Ka																																
Ks	2	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	-	-	1	1	1	1	1	26
Tu	2	1	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
ZS																																
DD	2	1	1	1	0	1	1	0	0	0	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	11
He	2	1	1	1	1	1	0	1	1	0	0	0	1	2	1	1	1	2	1	0	0	0	2	1	1	1	1	0	1	0	1	26
Ta																																
AT																																
Ho	1	1	1	1	1	0	1	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Te	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Al	2	1	1	1	0	1	1	1	1	1	0	0	2	1	0	0	1	1	0	0	0	0	1	1	1	0	1	0	1	0	0	20
SJ	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	9
An																																
Ku																																
El	2	1	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Hu	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Ap	1	1	1	1	1	1	0	0	1	0	0	0	1	1	1	1	0	1	0	0	0	0	1	1	-	-	1	0	0	0	0	15
Va	2	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29
Wa	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Pi	2	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1	1	0	0	2	0	0	0	0	15
CT	2	1	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9
To																																
Am	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Sums	(81)	49	29	45	37	23	20	22	23	13	3	7	40	51	28	35	31	41	12	8	12	11	31	24	5	17	35	17	28	17	12	807
No. of 0	2	3	20	5	14	22	26	26	25	32	42	38	13	4	22	16	20	6	33	38	34	34	20	21	38	29	17	30	22	29	33	714
char- 1	5	33	19	33	25	23	18	16	17	13	3	7	24	31	18	23	19	37	12	6	10	11	19	24	5	11	21	13	18	15	12	541
acters 2	38	8	5	6	6	0	1	3	3	0	0	0	8	10	5	6	6	2	0	1	1	0	6	0	0	3	7	2	5	1	0	133

Selected days: Five quiet -- 11, 12, 20, 21, 25
Five disturbed -- 1, 2, 14, 16, 27

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1942
JANUARY

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	1	1	2	1	2	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	17
CC	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	10
Di																																
MS																																
Ti																																
Tr																																
Ai	0	2	2	2	2	2	1	0	1	2	1	2	1	2	2	2	2	2	2	1	1	2	2	2	1	0	1	2	1	1	0	44
So	0	2	2	2	2	2	1	0	1	1	1	2	1	1	2	1	1	2	2	1	1	1	1	1	1	0	1	1	1	1	0	36
We	1	0	2	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	1	0	0	0	0	11
Sr	0	1	1	1	1	0	0	0	0	0	0	0	0	-	0	0	1	1	-	-	-	-	-	-	-	0	0	0	0	0	0	6
Do	0	2	1	2	1	1	1	0	0	1	1	1	2	1	1	2	1	1	2	1	1	1	1	0	0	0	0	0	1	1	0	27
Ya	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	-	0	1	0	0	0	0	0	1	0	0	0	7
Le	0	1	1	1	1	1	1	0	0	1	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	13
Sl																																
Lo	0	2	1	2	2	2	1	0	1	1	1	2	0	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	36
Si	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	1	0	0	0	11
VD	0	1	1	2	1	1	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	1	0	13
RS	0	2	1	2	2	2	1	1	1	1	1	2	1	1	1	2	1	2	2	1	0	1	1	1	1	0	1	1	1	1	0	35
Za	0	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	0	0	1	0	0	0	0	0	1	0	1	0	18
KP																																
Es	0	1	1	1	1	1	1	0	0	1	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	13
Me	1	1	1	2	2	1	1	0	0	1	1	1	1	0	1	1	2	1	2	1	1	1	1	1	1	1	1	1	0	1	0	30
Sy	0	2	1	2	2	2	0	0	0	0	0	1	0	0	0	2	2	2	2	0	0	1	0	0	0	0	0	1	1	0	0	21
Wi	0	2	2	2	2	2	1	1	1	2	1	2	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	41
Zy	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	1	0	0	0	10
Ni																																
Nz																																
Ab	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	0	27
Ma																																
Fu	0	1	1	1	1	1	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0	11
CF	0	1	1	1	1	1	1	0	0	1	1	1	0	1	0	1	1	1	1	1	0	1	0	0	0	0	0	1	0	0	0	17
OG																																
Na																																
St																																
Ag	0	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	2	1	1	1	0	1	1	0	0	1	1	1	0	1	0	23
Mt	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Du	0	2	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	11
Ke	0	1	1	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	13
Ci	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	6
Eb																																
Ch	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
SM	0	1	1	1	1	1	1	0	0	1	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	12
SF	0	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	17
Ka																																
Ks	1	1	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	-	0	1	0	1	1	1	1	0	23
Tu	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
ZS																																
DD	0	1	1	2	1	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	10
He	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	0	0	0	0	1	1	0	0	0	0	0	0	20
Ta																																
AT																																
Ho	0	1	2	1	1	0	0	0	0	1	0	0	0	1	1	1	2	1	1	0	0	0	0	0	0	0	0	1	0	0	0	14
Te	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Al	0	1	1	1	1	1	0	1	1	0	0	1	0	1	1	1	2	0	1	0	0	1	0	0	0	0	1	1	1	0	0	18
SJ	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	9
An																																
Ku																																
El	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Hu	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Ap	0	1	1	1	1	0	0	1	0	1	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	12
Va	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	32
Wa	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Pi	0	1	1	2	1	0	0	0	0	0	0	0	1	0	0	1	1	2	1	0	1	0	0	0	0	0	1	1	0	0	0	14
CT	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
To	0	1	1	1	1	1	1	0	0	1	0	0	0	0	1	0	1	1	1	0	0	1	0	0	1	0	0	1	0	0	0	14
Am	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Sums	4	48	47	55	49	36	22	8	12	27	17	26	15	16	24	37	49	47	42	13	8	27	11	10	11	6	13	29	11	13	2	735
No. of 0	41	5	2	1	4	15	24	37	33	20	28	24	31	30	24	15	5	7	11	31	37	19	34	36	34	40	33	18	35	33	44	751
char- 1	4	32	37	31	33	24	20	8	12	23	17	16	13	12	20	25	33	31	26	13	8	25	9	8	11	6	13	27	11	13	2	563
acters 2	0	8	5	12	8	6	1	0	0	2	0	5	1	2	2	6	8	8	8	0	0	1	1	1	0	0	0	1	0	0	0	86

Selected days: Five quiet -- 1, 21, 24, 26, 31
Five disturbed -- 3, 4, 5, 17, 18

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1942
FEBRUARY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	0	0	1	2	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	2				15
CC	0	0	0	0	0	2	1	-	-	0	0	0	0	0	1	-	0	0	0	0	0	0	1	1	0	0	0	1				7
Di																																
MS																																
Ti																																
Tr																																
Ai	1	1	1	0	2	2	2	1	-	2	2	0	0	2	2	2	2	0	1	2	2	1	2	2	2	2	2	2				40
So	1	1	1	0	2	2	1	1	0	2	2	1	0	2	2	2	1	0	0	1	1	1	2	2	2	2	2	2				36
We	0	1	0	0	1	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	0	0	0	1				10
Sr	0	1	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	2				10
Do	0	1	0	0	2	2	1	0	0	0	2	0	0	1	1	1	1	0	0	1	2	1	2	1	2	1	1	2				25
Ya	0	-	0	0	1	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0				7
Le	0	1	0	0	1	1	1	0	0	1	1	0	0	0	1	1	0	0	0	0	1	1	2	2	1	0	1	2				18
Sl																																
Lo	1	1	1	0	2	2	2	0	1	2	2	0	1	2	2	2	1	0	1	1	1	1	2	2	2	1	1	2				36
Si	0	1	1	0	1	1	1	0	0	1	0	0	0	1	1	1	1	0	0	0	1	0	2	1	1	0	0	1				16
VD	0	1	0	0	1	2	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	2	1	1	0	1	2				14
RS	1	1	0	0	2	2	2	0	0	2	2	0	1	1	2	2	1	0	0	1	1	1	2	2	2	2	2	2				34
Za	0	1	0	0	1	2	1	0	0	1	1	0	0	1	1	1	1	0	0	1	1	1	2	1	1	1	1	1				21
KP																																
Es	0	1	0	0	1	1	1	0	0	1	1	0	0	0	1	1	0	0	0	0	1	0	2	1	1	0	1	2				16
Me	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	2	1	1	1	2				33
Sy	0	1	0	0	2	2	1	0	0	1	1	0	0	1	2	1	0	0	0	1	2	0	2	2	2	0	1	2				24
Wi	1	2	1	1	2	2	1	0	0	1	1	0	1	1	2	2	1	1	1	1	2	2	2	2	2	1	2	2				37
Zy	0	1	0	0	1	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	1				9
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2				28
Ma																																
Fu	0	1	0	0	2	2	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	2	2	1	0	1	2				18
CF	0	1	1	0	2	2	1	0	0	1	0	0	0	1	1	1	1	0	0	1	1	0	2	2	1	0	1	1				21
OG																																
Na																																
St																																
Ag	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	2	1	1	1	1				28
Mt	0	1	0	0	1	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	1				9
Du	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0				6
Ke	0	1	0	0	2	2	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2	1	1	0	1	1				13
Ci	0	0	0	0	1	1	1	0	-	0	0	0	0	0	1	1	0	0	0	0	0	0	2	1	1	0	1	1				11
Eb																																
Ch	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1				4
SM	0	1	1	0	1	1	1	0	0	1	1	0	1	0	1	1	1	0	0	1	1	0	2	2	1	0	1	1				20
SF	0	1	0	0	1	1	1	0	0	1	1	0	1	0	1	1	0	0	0	1	1	1	2	2	1	0	1	2				20
Ka																																
Ks	1	1	1	1	1	2	1	0	-	1	-	-	-	-	-	-	-	0	1	1	1	1	2	1	-	1	1	2				20
Tu	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1				5
ZS																																
DD	0	1	0	0	2	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	1	1	0	1	2				13
He	1	1	0	1	2	2	0	0	0	1	0	0	0	1	1	1	0	0	0	1	1	0	2	2	2	1	1	2				23
Ta																																
AT																																
Ho	0	1	0	0	1	2	1	0	0	1	0	0	0	1	1	0	1	0	0	0	1	0	1	1	1	0	1	1				15
Te	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0				6
Al	1	1	0	0	2	2	0	0	0	1	0	0	0	1	1	1	0	0	1	1	0	1	2	1	1	0	1	2				20
SJ	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	1	0	0	1				10
An																																
Ku																																
El	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	-	0	1				8
Hu	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1				8
Ap	1	1	0	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	1	1	1	0	0	1				13
Va	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	1	1	0	1	1				26
Wa	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1				6
Pi	0	0	0	1	1	2	1	0	1	1	0	0	0	0	1	0	0	1	1	1	0	0	2	1	0	0	1	2				17
CT	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	1				9
To	0	1	0	0	1	1	1	0	0	1	0	0	0	1	1	1	1	0	0	1	0	0	2	1	1	0	1	1				16
Am	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				2
Sums	13	41	12	9	59	70	29	4	5	33	23	4	8	23	41	32	18	6	8	22	28	16	78	61	42	16	38	64				803
No. of 0	34	7	35	38	2	0	21	42	38	18	28	42	38	26	11	18	29	41	39	26	23	32	1	1	12	33	13	4				652
char- 1	13	37	12	9	31	24	23	4	5	25	13	4	8	17	29	22	16	6	8	20	20	14	14	31	26	10	30	22				493
acters 2	0	2	0	0	14	23	3	0	0	4	5	0	0	3	6	5	1	0	0	1	4	1	32	15	8	3	4	21				155

Selected days: Five quiet -- 8, 9, 12, 18, 19
Five disturbed -- 5. 6, 23, 24, 28

Days recommended for reproduction of magnetograms -- 28+

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1942
MARCH--Continued

Observatory	Day																															Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	2	2	2	1	2	1	2	2	2	1	0	0	2	2	1	0	0	1	1	1	1	1	0	0	0	1	0	0	1	1	0	30
CC	2	2	2	1	1	1	1	1	2	1	-	-	1	1	1	-	1	1	-	-	1	1	-	-	-	1	-	-	-	-	-	22
Di																																
MS																																
Ti																																
Tr																																
Ai	2	2	2	2	2	2	1	2	2	1	2	2	2	2	1	1	2	2	2	2	2	2	2	0	0	2	1	0	2	1	1	49
So	2	2	2	2	2	2	2	2	2	1	2	1	2	2	1	1	2	2	2	2	2	2	2	1	1	2	1	0	1	2	2	52
We	2	1	2	1	2	1	1	1	1	1	0	0	2	1	1	0	0	1	1	0	1	1	0	1	0	1	0	0	1	1	0	25
Sr	2	2	2	1	2	1	1	1	1	1	0	0	1	1	0	0	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	20
Do	2	2	2	1	2	2	1	2	2	0	1	0	2	2	1	0	1	2	2	1	2	1	1	0	0	2	1	0	1	1	0	37
Ya	2	1	1	0	1	1	1	1	1	1	0	0	0	1	0	0	0	-	1	0	-	-	-	-	-	-	-	-	-	-	-	12
Le	2	2	2	1	2	1	1	2	2	1	1	0	1	1	1	0	0	1	1	1	1	1	1	0	0	1	1	0	1	1	0	30
Sl																																
Lo	2	2	2	2	2	2	2	2	2	1	2	0	2	2	1	1	1	2	2	2	2	2	2	1	1	2	1	0	2	2	1	50
Si	2	1	2	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	0	0	0	1	0	0	1	0	0	23
VD	2	2	2	1	2	1	1	1	1	1	0	0	1	1	1	0	0	1	1	0	1	0	1	0	0	2	0	0	1	1	0	25
RS	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	1	1	2	2	2	2	1	2	1	1	2	1	0	2	2	1	49
Za	2	1	1	1	2	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	0	1	1	1	29
KP																																
Es	2	2	2	1	2	1	1	2	2	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	32
Me	2	2	2	1	2	2	1	2	2	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	2	1	0	1	1	1	41
Sy	2	2	2	1	2	1	1	2	2	0	1	0	2	2	0	0	0	2	2	2	1	1	1	0	0	2	1	0	1	1	1	35
Wi	2	2	2	2	2	2	2	2	2	1	2	1	2	2	1	1	1	2	2	2	2	2	2	1	1	2	1	0	2	2	1	51
Zy	2	1	2	1	1	1	1	1	1	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	1	0	18
Ni																																
Nz																																
Ab	2	2	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	34
Ma																																
Fu	2	1	2	1	2	1	2	2	1	1	0	0	2	2	1	0	0	1	1	0	1	1	1	0	0	2	0	0	1	1	0	29
CF	2	2	1	1	2	1	1	2	2	1	1	0	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	31
OG																																
Na																																
St																																
Ag	2	2	2	1	2	2	1	1	2	1	1	1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	40
Mt	2	1	0	0	2	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	0	0	2	0	0	1	0	0	22
Du	2	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0	14
Ke	2	1	2	1	2	1	1	1	1	1	0	0	1	1	0	0	0	1	1	0	1	0	0	0	0	2	0	0	1	1	0	22
Ci	2	2	1	1	2	1	1	2	2	1	1	0	1	1	1	0	1	1	0	1	1	0	1	0	0	1	1	0	1	0	1	28
Eb																																
Ch	2	1	1	0	1	1	1	1	1	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	14
SM	2	2	2	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0	0	23
SF	2	2	1	1	2	1	1	2	2	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0	2	1	0	1	1	1	33
Ka																																
Ks	2	1	1	1	2	1	-	-	-	-	-	1	1	1	-	0	1	1	1	1	1	1	1	0	0	2	1	0	1	1	1	24
Tu	2	1	1	0	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	16
ZS																																
DD	2	1	1	1	2	1	1	1	1	1	0	0	2	2	0	0	0	1	2	0	1	1	0	0	0	2	0	0	2	1	0	26
He	2	2	2	1	2	1	2	2	2	1	1	0	2	1	1	0	1	1	1	1	1	1	2	0	0	2	0	0	2	1	1	36
Ta																																
AT																																
Ho	2	2	2	1	2	2	1	2	1	1	1	0	1	1	0	0	1	1	1	1	2	1	1	0	0	1	0	0	1	0	1	30
Te	2	2	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2	0	0	0	0	1	17
Al	2	1	1	1	2	1	1	1	1	1	0	0	2	1	0	0	0	1	1	0	1	0	1	0	0	2	0	0	1	1	0	23
SJ	2	1	1	0	2	1	1	1	2	1	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	1	18
An																																
Ku																																
El	2	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	1	0	0	-	0	0	17
Hu	2	1	1	0	1	0	0	1	1	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	1	0	15
Ap	2	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	1	1	1	1	0	0	0	0	1	0	0	1	0	-	19
Va	2	2	1	1	1	0	1	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	1	1	0	1	1	1	19
Wa	2	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	14
Pi	2	1	1	0	2	1	1	1	2	1	0	0	0	1	0	0	0	0	2	1	1	1	1	0	0	2	1	0	0	0	1	23
CT	2	1	1	0	2	1	1	1	1	1	0	0	1	1	1	0	0	1	1	0	1	0	1	0	0	1	0	0	1	0	0	20
To	2	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	0	0	1	0	0	0	1	0	23
Am	2	1	0	1	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	9
Sums	94	71	69	43	(79)	53	50	61	64	38	24	9	58	56	24	9	21	44	50	34	49	33	33	12	10	67	19	1	40	32	22	1269
No. of 0	0	0	2	9	0	4	3	2	2	8	25	38	3	3	22	37	28	9	6	19	6	16	18	33	35	0	26	44	10	17	23	448
char- 1	0	23	21	33	15	33	36	27	24	38	16	7	30	32	24	9	17	30	30	20	31	25	21	12	10	25	19	1	28	24	20	681
acters 2	47	24	24	5	32	10	7	17	20	0	4	1	14	12	0	0	2	7	10	7	9	4	6	0	0	21	0	0	6	4	1	294

Selected days: Five quiet -- 12, 16, 25, 27, 28
Five disturbed -- 1, 2, 3, 5, 8

Days recommended for reproduction of magnetograms -- 1+

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1942
APRIL--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	1	1	0	2	1	0	0	1	1	0	2	0	1	1	0	1	2	1	1	1	0	0	1	1	0	0	0	1	0	1		21
CC	-	1	-	1	1	-	-	1	1	-	1	1	1	1	-	1	1	1	1	1	-	-	1	-	-	-	1	-	-	-		16
Di																																
MS																																
Ti																																
Tr																																
Ai	1	2	2	2	2	2	1	2	1	2	2	1	2	2	0	2	2	2	2	2	1	0	2	2	0	0	2	2	2	1		46
So	1	2	2	2	1	1	0	2	1	2	2	1	2	2	0	2	2	2	2	1	0	0	2	2	0	0	2	2	1	1		40
We	0	2	1	2	1	0	0	1	1	0	2	0	1	0	0	1	2	2	1	1	0	0	1	0	0	0	1	0	0	1		21
Sr	0	2	1	2	0	0	0	1	0	0	2	0	1	0	0	0	2	1	0	0	0	0	1	0	0	0	0	0	0	1		14
Do	1	1	2	2	0	0	0	2	1	1	2	0	1	2	0	1	2	2	1	1	0	0	2	1	0	0	1	1	0	1		28
Ya	0	1	1	2	0	0	0	1	0	0	1	0	1	1	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	1		15
Le	1	1	1	2	1	0	0	1	1	0	1	0	2	2	0	1	2	1	1	1	0	0	1	1	0	0	1	2	0	1		25
Sl																																
Lo	1	2	2	2	1	1	0	2	1	1	2	1	2	2	0	2	2	2	2	1	1	1	2	2	0	1	2	2	1	2		43
Si	1	1	1	2	1	0	0	1	0	0	2	0	1	1	0	1	2	1	1	0	0	0	1	1	0	0	1	1	0	1		21
VD	1	1	1	2	0	0	0	1	1	0	2	0	1	1	0	1	1	1	0	0	0	0	1	0	0	0	1	1	0	1		18
RS	1	2	2	2	1	1	0	2	1	1	2	1	2	2	1	2	2	2	1	1	1	0	2	2	0	0	2	2	1	2		41
Za	1	1	1	2	1	1	0	1	1	0	1	0	1	1	0	1	1	1	1	1	0	0	1	1	0	0	1	1	0	1		22
KP																																
Es	1	1	1	2	1	0	0	1	1	0	1	0	2	2	0	1	2	1	1	1	0	0	1	1	0	0	1	1	0	1		24
Me	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	2	2	1	1	0	0	1	1	0	0	1	1	1	1		32
Sy	0	2	2	2	0	0	0	2	0	1	2	0	2	2	0	1	2	2	1	0	0	0	2	1	0	0	0	2	0	0		26
Wi	1	2	2	2	1	1	1	2	1	1	2	1	2	2	0	2	2	2	1	1	0	0	2	2	0	0	2	2	1	2		40
Zy	0	1	0	2	0	0	0	1	0	0	1	0	1	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	1		11
Ni																																
Nz																																
Ab	1	1	1	2	1	1	0	1	1	1	1	1	1	2	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1		27
Ma																																
Fu	1	2	1	2	0	0	0	1	1	0	1	0	2	1	0	1	1	1	0	0	0	0	1	0	0	0	1	1	0	1		19
CF	1	1	2	2	0	0	0	2	1	0	1	0	1	1	0	1	2	1	1	1	0	0	1	1	0	0	1	1	0	1		23
OG																																
Na																																
St																																
Ag	1	1	2	2	1	1	0	1	1	1	2	0	1	2	0	1	2	1	1	1	0	0	1	1	0	0	1	2	1	1		29
Mt	1	2	1	2	1	0	0	1	0	0	1	0	1	1	0	1	2	1	1	0	0	0	1	0	0	0	1	1	0	1		20
Du	0	1	1	1	0	0	0	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	0	1	1	0	1		14
Ke	1	1	1	2	0	0	0	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	2	0	0	0	1	0	0	1		16
Ci																																
Eb																																
Ch	0	1	1	1	0	0	0	1	0	0	1	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0		9
SM	1	1	1	2	1	0	0	1	1	0	1	0	1	1	0	1	1	1	1	1	1	0	1	1	0	0	0	1	0	0		20
SF	1	1	1	2	1	0	0	1	1	1	1	0	-	-	0	1	1	1	1	1	0	0	1	1	0	0	1	1	0	1		20
Ka																																
Ks	1	2	1	2	1	0	0	1	1	1	1	0	2	1	0	1	1	2	1	1	0	0	2	1	0	0	1	1	0	1		26
Tu	0	1	1	1	0	0	0	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	0	0	1	0	0		12
ZS																																
DD	1	2	1	2	0	0	0	1	0	0	2	0	1	1	0	0	1	2	1	1	0	0	2	0	0	0	1	0	0	1		20
He	1	1	2	2	0	0	0	2	1	1	1	0	2	2	0	1	1	2	1	0	0	0	2	1	0	0	2	1	0	1		27
Ta																																
AT																																
Ho	1	1	2	2	1	0	0	2	1	0	2	1	1	2	0	1	2	1	1	0	0	0	1	0	0	0	0	1	0	1		24
Te	0	0	1	2	1	0	1	0	0	1	1	0	1	0	0	1	1	2	1	0	0	0	2	0	0	0	1	1	0	1		18
Al	1	2	1	2	0	0	0	1	0	0	1	0	1	1	0	1	1	1	1	0	0	0	2	0	0	0	1	0	0	1		18
SJ	1	1	1	2	0	0	0	1	0	0	1	0	1	1	0	0	2	1	0	0	0	0	1	0	0	0	0	0	0	0		13
An																																
Ku																																
El	0	1	0	1	0	0	0	1	0	0	-	0	1	1	0	0	1	1	0	0	0	0	1	0	0	0	1	0	0	0		9
Hu	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	0	1	1	0	0	0	0	1	0	0	0	1	0	0	1		12
Ap	1	1	1	1	0	0	0	1	0	0	1	0	1	1	0	0	1	1	0	0	0	0	1	0	0	0	1	0	0	1		13
Va	1	1	1	1	1	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1		27
Wa	0	1	1	1	0	0	0	1	0	0	1	0	1	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0		10
Pi	1	1	1	2	0	0	0	1	0	1	1	0	1	2	0	2	2	1	0	0	0	0	2	1	0	0	2	2	0	1		24
CT	0	1	1	2	0	0	0	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	0	0	1	0	0		13
To	1	1	1	1	0	0	0	1	0	0	1	0	1	1	0	1	1	1	1	1	0	0	1	1	0	0	1	1	0	1		18
Am	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0		5
Sums	32	58	54	81	23	10	4	54	24	18	61	10	53	55	3	43	66	59	33	24	6	2	59	28	1	1	40	40	9	39		990
No. of 0	13	2	3	0	24	36	41	2	22	29	0	36	3	5	42	9	0	0	16	23	38	43	1	22	44	44	13	14	37	9		571
char- 1	32	30	30	11	21	8	4	34	24	14	29	10	31	25	3	31	26	33	27	22	6	2	31	18	1	1	26	22	7	33		592
acters 2	0	14	12	35	1	1	0	10	0	2	16	0	11	15	0	6	20	13	3	1	0	0	14	5	0	0	7	9	1	3		199

Selected days: Five quiet -- 7, 21, 22, 25, 26
Five disturbed -- 3, 4, 11, 17, 18

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1942
MAY--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	1	1	1	2	2	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	1	1	0	0	0	0	0	0	14
CC	-	1	-	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3
Di																																
MS																																
Ti																																
Tr																																
Ai																																
So	1	2	1	2	2	1	0	0	0	1	0	0	0	1	1	1	0	1	0	2	1	2	1	2	0	0	2	1	0	1	0	26
We	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	8
Sr	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	4
Do	1	1	1	2	2	1	0	0	1	1	0	0	0	1	1	1	1	1	0	1	0	1	1	0	0	0	1	1	0	1	0	21
Ya	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	9
Le	1	1	1	1	2	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	1	0	0	0	1	1	0	0	0	14
Sl																																
Lo	2	2	1	2	2	1	0	0	0	1	1	1	0	2	1	1	1	1	0	1	2	2	1	1	1	0	2	2	1	1	1	34
Si	1	1	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	9
VD	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	8
RS	1	2	1	2	2	1	0	0	0	1	1	0	0	2	1	1	1	1	1	1	1	2	1	1	1	0	2	2	1	1	0	31
Za	1	1	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	0	0	0	1	1	1	0	0	15
KP																																
Es	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	1	0	0	0	1	1	0	0	0	13
Me	1	1	1	1	2	1	1	0	0	1	0	0	0	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	26
Sy	1	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	2	1	0	0	0	13
Wi	1	2	1	2	2	1	0	1	0	1	1	1	1	2	1	1	0	1	0	1	1	2	1	1	1	0	2	2	1	1	0	32
Zy	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	8
Ni																																
Nz																																
Ab	1	1	1	1	1	1	0	1	0	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	26
Ma																																
Fu	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2	0	0	0	0	6
CF	1	1	0	1	2	1	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	1	0	0	0	1	1	0	0	0	14
OG																																
Na																																
St																																
Ag	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	27
Mt	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	8
Du	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	7
Ke	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	9
Cl																																
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
SM	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	11
SF	1	1	0	1	1	0	0	0	0	-	1	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	1	1	0	0	0	13
Ka																																
Ks	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	0	0	0	-	1	1	1	1	0	0	1	1	0	1	0	20
Tu	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4
ZS																																
DD	1	1	0	1	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	1	-	-	0	0	0	1	1	0	0	0	10
He	0	1	0	2	2	0	0	0	0	1	1	0	0	2	0	1	0	0	0	1	1	1	0	0	1	0	2	1	0	0	0	17
Ta																																
AT																																
Ho	1	1	0	1	1	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	11
Te	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	6
Al	1	1	0	1	1	1	0	0	0	1	1	0	0	2	1	0	0	0	0	1	0	1	1	1	0	0	1	1	1	0	0	17
SJ	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	6
An																																
Ku																																
El	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
Hu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ap	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	8
Va	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1	0	26
Wa	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
Pi	1	0	1	2	1	1	0	1	0	0	0	0	0	2	0	0	0	0	0	1	1	2	0	0	0	0	1	0	0	0	0	14
CT	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
To	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	7
Am	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	5
Sums	35	35	14	47	41	14	4	6	2	17	11	2	2	46	17	17	8	9	5	27	20	37	18	13	7	2	49	40	9	10	4	568
No. of 0	10	14	30	7	14	31	41	39	43	27	34	43	43	7	28	28	37	36	40	18	26	12	26	33	38	43	4	8	36	35	41	872
char- 1	33	27	14	29	19	14	4	6	2	17	11	2	2	30	17	17	8	9	5	25	18	27	18	11	7	2	33	34	9	10	4	464
acters 2	1	4	0	9	11	0	0	0	0	0	0	0	0	8	0	0	0	0	0	1	1	5	0	1	0	0	8	3	0	0	0	52

Selected days: Five quiet -- 9, 12, 13, 26, 31
Five disturbed -- 4, 5, 14, 27, 28

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1942
JUNE--Continued

Observatory	Day																														Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	1	0	1	0	0	0	0	0	1	2	1	2	1	1	1	1	1	1	2	2	1	1	1	0	0	1	1	1		24
CC	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	1		10
Di																																
MS																																
Ti																																
Tr																																
Ai																																
So	1	0	1	1	1	0	0	0	0	0	2	2	2	2	0	1	1	1	2	1	0	0	1	2	2	1	0	2	2	1		29
We	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	2	1	0	0	0	0	0	0	0	1	1	1		10
Sr	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1		9
Do	0	0	1	0	1	0	0	0	0	0	2	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1	1	1	2	1		19
Ya	0	0	1	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0		6
Le	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1		16
Sl																																
Lo	1	0	1	1	1	1	0	1	1	1	2	2	2	2	0	1	1	1	2	1	1	0	1	2	2	1	1	2	2	2		36
Si	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	0	0	0	1	0	0	0	1	1	1		13
VD	0	0	1	0	0	0	0	0	0	0	2	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	1		11
RS	1	0	2	0	1	1	1	1	0	0	2	2	2	1	0	1	1	1	2	1	1	0	1	2	1	1	0	2	1	1		30
Za	0	0	1	0	1	1	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1		20
KP																																
Es	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	1	1	0	0	0	1	1	1		15
Me	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		28
Sy	1	0	1	0	1	0	0	0	0	0	2	1	1	1	0	1	1	1	1	1	0	0	1	1	1	0	0	1	2	1		20
Wi	1	0	2	1	2	1	1	1	0	1	2	2	2	2	1	2	1	1	2	1	1	0	1	1	1	1	1	2	1	1		36
Zy	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1		4
Ni																																
Nz																																
Ab	1	0	1	1	1	1	0	1	0	0	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1		26
Ma																																
Fu	0	0	1	0	0	0	0	0	0	0	2	1	1	1	0	0	0	0	2	0	0	1	0	0	0	0	0	1	1	0		11
CF	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	1	1	0	0	0	1	1	1		15
OG																																
Na																																
St																																
Ag	0	0	1	1	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1		23
Mt	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	1		10
Du	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1		8
Ke	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1		8
Ci																																
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		3
SM	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1		12
SF	0	0	1	1	1	0	0	0	0	-	-	-	1	1	0	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1		16
Ka																																
Ks	1	0	1	1	1	1	0	0	0	0	1	-	-	1	-	-	1	1	2	1	0	0	1	1	1	1	1	1	1	1		20
Tu	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1		7
ZS																																
DD	0	0	0	1	0	0	0	0	0	0	2	1	0	1	0	0	0	0	2	0	0	1	0	0	0	0	0	1	1	0		10
He	0	0	1	0	1	0	0	0	0	0	1	1	1	1	0	1	1	0	2	0	0	0	1	0	0	0	0	1	1	1		14
Ta																																
AT																																
Ho	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	1	0	0	0	1	0	0	0	0	1	1	1		11
Te	0	0	0	1	0	0	0	0	0	0	2	1	2	1	0	0	0	0	2	2	-	-	-	-	-	-	-	-	-	-		11
Al	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	1		10
SJ	0	0	0	0	1	0	0	0	-	0	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0		7
An																																
Ku																																
El	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	1		7
Hu	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1		4
Ap	0	0	0	0	1	-	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1		9
Va	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1		24
Wa	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0		6
Pi	0	0	1	0	1	0	0	0	0	0	2	1	1	1	0	0	1	0	1	0	0	0	1	0	1	0	0	1	1	1		14
CT	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		3
To	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	0	0	0	1	0	0	0	1	1	1		10
Am	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1		7
Sums	9	1	32	11	18	9	4	7	2	2	55	44	46	41	6	19	21	20	52	22	10	5	25	22	17	12	8	39	43	40		642
No. of 0	36	44	15	34	28	35	41	38	42	42	1	4	3	8	38	26	24	25	3	24	35	40	19	25	29	32	36	9	5	5		746
char- 1	9	1	28	11	16	9	4	7	2	2	31	34	36	33	6	17	21	20	32	20	8	3	25	16	13	12	8	31	35	38		528
acters 2	0	0	2	0	1	0	0	0	0	0	12	5	5	4	0	1	0	0	10	1	1	1	0	3	2	0	0	4	4	1		57

Selected days: Five quiet -- 2, 7, 9, 10, 22
Five disturbed -- 11, 13, 19, 29, 30

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1942
JULY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	-	-	1	1	-	1	1	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
CC	1	0	0	0	0	0	0	1	1	0	1	0	0	1	1	1	0	0	0	1	0	0	0	1	1	0	0	1	0	0	0	11
Di	1	0	0	0	0	0	0	2	1	0	2	1	0	1	1	1	1	0	0	1	1	0	0	0	2	0	1	1	1	1	1	20
MS	1	1	0	0	1	1	1	2	2	1	2	2	1	2	2	2	1	1	1	2	2	1	1	1	2	1	-	2	1	1	-	38
Ti																																
Tr																																
Ai																																
So	1	1	0	0	0	1	1	2	2	1	2	1	1	2	2	2	2	0	0	2	2	1	1	2	2	2	2	2	1	1	1	40
We																																
Sr	1	0	-	0	-	0	0	1	1	2	-	1	0	0	1	0	0	0	0	1	0	0	-	0	2	0	1	1	0	0	0	12
Do																																
Ya	0	0	0	0	0	0	0	1	0	0	2	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0	0	9
Le	1	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	23
Sl																																
Lo	1	1	0	0	1	1	1	2	2	1	2	2	1	2	2	2	2	0	1	2	2	1	2	2	2	2	2	2	1	2	1	45
Si	1	0	0	0	0	0	0	1	1	0	2	1	1	0	1	1	1	0	0	1	1	0	0	0	1	0	1	1	1	0	0	16
VD	1	0	0	0	0	0	0	2	1	1	2	1	0	1	1	1	1	0	0	1	1	0	0	0	1	1	1	1	1	1	0	20
RS	1	1	1	0	1	1	1	2	1	1	2	2	1	2	2	2	1	1	1	2	2	1	1	2	2	2	2	2	1	1	1	43
Za	1	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0	0	1	1	0	0	0	1	1	1	1	1	1	1	18
KP																																
Es	1	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	0	1	0	21
Me	2	0	1	1	1	1	1	2	1	1	2	2	1	1	2	2	1	1	1	2	1	1	1	1	2	1	1	2	1	1	1	39
Sy	1	0	0	0	0	0	0	2	1	0	2	1	0	0	1	1	0	0	0	1	1	0	0	0	2	0	1	1	0	0	0	15
Wi	1	1	1	0	1	1	1	2	2	1	2	2	1	1	2	2	1	0	1	2	2	1	1	1	2	1	1	1	1	1	1	38
Zy	1	0	0	0	0	0	0	2	0	0	1	1	0	0	1	1	0	0	0	1	0	0	0	0	2	0	1	1	0	0	0	12
Ni																																
Nz																																
Ab	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29
Ma																																
Fu	1	0	0	0	0	0	0	2	1	1	2	2	0	0	2	1	0	0	0	1	0	0	0	0	1	1	2	1	0	0	0	18
CF	1	0	0	0	0	0	1	1	1	1	2	1	1	1	2	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	25
OG																																
Na																																
St																																
Ag	1	1	1	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31
Mt	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	0	1	21
Du	0	0	0	0	0	0	0	1	0	1	1	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1	0	9
Ke	0	0	0	0	0	0	0	2	1	1	2	1	0	0	1	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	14
Cl	0	1	0	0	0	1	0	2	0	1	2	2	1	1	2	0	0	1	1	1	0	1	0	0	1	-	-	-	-	-	-	18
Eb																																
Ch	0	0	0	0	0	0	0	1	0	0	1	1	0	1	1	1	0	0	0	1	0	0	0	0	1	0	1	1	0	0	0	10
SM	1	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	0	0	0	1	0	1	1	1	0	0	17
SF	1	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	25
Ka																																
Ks	1	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	27
Tu	0	0	0	0	0	0	0	1	1	0	2	1	0	1	1	1	0	0	0	1	1	0	0	0	1	0	1	1	1	0	0	14
ZS																																
DD	0	0	0	0	0	0	0	2	0	0	2	2	0	0	1	0	0	0	0	2	0	0	0	0	1	0	1	1	0	0	0	12
He	1	1	0	0	1	-	-	2	1	1	2	2	1	1	2	1	0	0	0	2	1	0	1	1	1	1	1	1	0	0	0	25
Ta																																
AT																																
Ho	1	0	0	0	0	0	0	1	0	1	2	1	1	1	1	1	0	0	0	1	1	0	0	0	1	0	1	1	1	0	0	16
Te	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Al	1	0	0	0	0	1	1	1	0	1	2	1	1	0	1	1	1	0	0	1	0	0	1	0	1	1	1	1	0	0	0	18
SJ	0	0	0	0	0	0	0	1	1	1	2	1	0	1	1	1	1	0	0	2	1	0	0	0	1	0	1	0	0	1	0	16
An																																
Ku																																
El	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	-	0	0	0	0	5
Hu	1	0	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	7
Ap	1	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	0	0	1	-	0	1	0	1	1	1	0	-	0	0	16
Va	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	28
Wa	1	0	0	0	0	0	0	1	1	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	9
Pi	1	0	0	0	0	1	1	1	1	1	2	1	0	0	2	0	0	0	0	2	1	0	0	1	1	2	1	1	0	0	0	20
CT	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	7
To	1	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	1	0	1	1	1	0	0	0	1	0	1	1	1	1	0	15
Am	1	0	0	0	0	0	0	1	1	0	1	1	0	0	1	0	1	0	0	1	1	0	0	0	1	0	1	1	1	1	1	15
Sums	34	9	5	2	10	16	17	58	37	31	69	51	22	29	55	41	27	7	11	54	33	12	19	21	52	27	44	41	23	22	15	894
No. of 0	11	35	39	43	33	28	27	1	12	16	1	2	22	19	1	9	19	37	33	0	15	32	25	26	2	20	1	7	19	22	27	584
char- 1	32	9	5	2	10	16	17	28	29	27	15	33	22	21	31	29	23	7	11	34	23	12	17	15	32	19	36	31	23	20	15	644
acters 2	1	0	0	0	0	0	0	15	4	2	27	9	0	4	12	6	2	0	0	10	5	0	1	3	10	4	4	5	0	1	0	125

Selected days: Five quiet -- 2, 3, 4, 5, 19
Five disturbed -- 8, 11, 15, 20, 27

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1942
AUGUST--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	-	-	1	1	-	1	1	-	1	2	1	1	0	0	1	1	2	2	2	2	1	1	2	2	1	1	2	2	0	0	0	31
CC	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	1	0	0	0	0	11
DI	0	0	0	0	0	1	1	0	1	1	1	1	0	0	0	1	1	2	2	1	2	0	0	1	1	2	0	0	1	1	1	22
MS	0	1	1	0	1	2	2	0	1	2	1	1	0	0	1	1	2	2	2	2	2	1	2	2	1	1	1	0	0	1	2	35
Ti																																
Tr																																
Ai																																
So	1	1	1	0	1	2	2	0	1	2	1	1	1	0	2	2	2	2	2	1	1	2	2	2	2	2	2	0	0	0	2	40
We																																
Sr	0	0	0	0	0	1	1	0	1	1	0	1	0	0	1	1	1	2	1	1	1	0	2	1	1	0	1	0	0	0	1	19
Do																																
Ya	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	7
Le	0	0	1	0	0	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	21
Sl																																
Lo	1	1	1	1	1	1	2	0	1	2	1	1	1	0	1	2	2	2	2	1	2	2	2	2	2	2	2	0	1	1	2	42
Si	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	16
VD	0	0	0	0	0	1	1	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	18
RS	1	1	1	0	1	2	2	0	1	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	0	1	2	2	44
Za	0	1	0	0	0	1	1	0	0	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	19
KP																																
Es	0	0	0	0	0	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	20
Me	1	0	1	1	1	1	1	0	1	1	1	1	0	1	1	2	2	2	2	1	1	1	2	1	2	1	1	1	1	1	1	34
Sy	0	1	0	0	1	1	2	0	0	2	1	1	0	0	1	2	2	2	2	2	0	1	2	2	1	2	1	0	0	1	1	31
Wi	1	1	1	1	1	2	2	0	1	2	1	1	1	1	2	2	2	2	2	1	1	2	2	2	1	2	1	0	1	1	1	41
Zy	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	8
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	0	0	1	1	30
Ma																																
Fu	0	0	0	0	0	1	1	0	0	2	1	0	0	0	2	2	2	1	1	2	1	0	2	1	1	0	0	0	0	1	0	21
CF	0	0	0	0	1	1	1	0	0	2	1	1	0	0	1	2	1	1	1	1	1	1	2	1	1	1	1	0	0	1	0	23
OG																																
Na																																
St																																
Ag	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	2	1	1	1	0	1	1	31
Mt	0	0	0	0	0	1	1	0	0	1	1	1	0	0	1	1	1	2	1	-	0	1	2	1	1	1	1	0	0	0	0	18
Du	0	0	0	0	0	1	1	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	18
Ke	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	2	1	0	0	0	0	0	0	0	13
Ci	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	10
Eb																																
Ch	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	9
SM	1	0	0	1	0	1	1	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	18
SF	0	1	1	0	0	1	1	0	1	2	1	1	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	25
Ka																																
Ks	0	1	-	0	1	1	1	0	-	1	1	1	0	0	1	2	1	1	1	1	1	1	-	1	1	1	1	0	0	1	1	22
Tu	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	13
ZS																																
DD	0	0	0	0	0	1	1	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0	2	1	1	0	1	0	0	1	0	16
He	0	0	0	0	0	2	2	0	0	2	1	0	0	0	2	2	1	1	2	1	0	1	2	2	1	1	0	0	0	1	0	24
Ta																																
AT																																
Ho	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	13
Te	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Al	0	0	0	0	0	1	1	0	1	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	22
SJ	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	11
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Hu	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	10
Ap	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	1	0	12
Va	0	1	1	1	1	1	1	0	1	1	1	1	0	0	1	2	1	1	1	1	1	1	2	1	1	1	1	0	1	1	1	28
Wa	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0	1	0	0	0	0	11
Pi	0	0	0	0	0	1	1	0	1	2	1	1	0	0	1	2	1	1	1	0	1	1	2	1	0	0	0	0	0	1	0	19
CT	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	9
To	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0	1	0	0	0	1	14
Am	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	14
Sums	8	12	12	7	12	36	48	0	16	57	32	26	6	5	32	58	53	56	54	44	31	29	62	51	43	34	32	5	6	25	23	915
No. of 0	35	31	31	37	31	13	3	43	27	0	12	18	38	39	16	1	1	1	1	4	18	20	2	2	7	17	17	41	39	21	26	592
char- 1	8	12	12	7	12	26	34	0	16	31	32	26	6	5	24	28	35	32	34	36	23	21	22	35	33	22	24	3	6	23	15	643
acters 2	0	0	0	0	0	5	7	0	0	13	0	0	0	0	4	15	9	12	10	4	4	4	20	8	5	6	4	1	0	1	4	136

Selected days: Five quiet -- 4, 8, 13, 28, 29
Five disturbed -- 10, 16, 18, 19, 23

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1942
SEPTEMBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	1	1	1	2	1	0	0	1	0	1	1	2	1	2	1	2	2	2	2	2	1	1	0	0	1	0	0	0		30
CC	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0		9
Di	1	1	0	0	1	1	1	0	0	0	1	2	1	1	1	-	-	-	-	-	1	1	1	0	0	0	0	0	0	1		15
MS	2	1	1	1	1	2	1	1	1	1	1	2	2	2	2	1	2	1	2	2	2	2	1	1	1	1	2	1	1	1		42
Ti																																
Tr																																
Ai																																
So	2	2	0	1	2	2	1	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	0	1	0	1	1	0	0	1		39
We																																
Sr	0	0	1	0	0	1	0	0	0	0	1	2	1	0	1	1	2	1	1	1	1	1	0	1	0	0	0	0	0	0		16
Do																																
Ya	1	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	0	0	0	0	0	0	0	0		4
Le	1	1	0	0	1	1	1	0	0	0	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0		19
Sl																																
Lo	2	2	0	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	1	1	1	1	1		45
Si	1	1	1	0	1	1	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0		18
VD	1	1	0	1	1	1	1	0	0	0	1	2	1	2	1	1	2	1	1	1	2	1	0	0	0	0	0	0	0	0		22
RS	2	2	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	1	2	1	0	1		44
Za	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1		27
KF																																
Es	1	1	0	0	1	1	1	0	0	0	1	2	1	1	1	1	2	1	1	1	2	1	0	0	0	0	1	0	0	0		21
Me	1	2	1	1	1	2	1	1	1	1	2	2	1	1	2	2	2	1	1	2	2	1	1	1	1	1	1	1	0	1		38
Sy	0	1	0	0	0	2	0	0	0	0	2	2	2	2	1	2	2	2	1	1	2	1	1	0	0	0	1	0	0	0		25
Wi	2	2	0	1	1	2	1	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	1	2	1	1	0		42
Zy	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	2	1	0	0	0	0	0	0	0	0		12
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		31
Ma																																
Fu	0	0	0	0	0	1	0	0	0	0	1	2	1	1	1	1	2	2	1	1	1	1	0	0	0	0	0	0	0	0		16
CF	1	1	1	1	1	1	1	0	0	0	2	2	1	1	1	1	2	2	1	1	1	1	0	0	0	0	1	0	1	0		25
OG																																
Na																																
St																																
Ag	1	2	1	1	1	2	1	1	1	1	1	2	1	2	2	1	2	1	2	1	2	1	1	1	1	0	1	0	0	1		35
Mt	1	1	0	1	0	1	1	0	0	0	1	2	1	1	1	1	1	1	1	1	2	1	0	0	0	0	0	0	-	-		19
Du	1	1	0	1	1	1	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0		19
Ke	0	0	0	0	0	1	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0		14
Cl	1	1	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0		16
Eb																																
Ch	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0		13
SM	0	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0		19
SF	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	1	2	1	1	1	2	1	0	0	0	1	1	0	0	0		25
Ka																																
Ks	1	1	0	1	1	2	1	0	1	0	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	-	1	1		25
Tu	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0		13
ZS																																
DD	2	1	0	1	1	2	0	0	0	0	1	2	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0		19
He	1	1	0	1	0	2	0	0	0	0	2	2	2	2	1	1	2	2	2	1	2	1	1	0	0	0	1	0	0	0		27
Ta																																
AT																																
Ho	0	1	0	0	0	1	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0		16
Te	-	-	-	-	-	1	1	0	0	0	2	2	2	2	2	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0		25
Al	1	1	0	0	0	1	0	1	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0		18
SJ	0	1	0	0	0	0	0	0	0	0	2	2	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0		12
An																																
Ku																																
El	1	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0		7
Hu	0	0	0	0	0	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0		11
Ap	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	-		12
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		30
Wa	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0		13
Pi	1	1	0	1	0	1	0	0	0	0	2	2	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0		16
CT	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0		15
To	1	1	1	0	0	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0		18
Am	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0		13
Sums	36	38	14	22	24	55	28	11	9	11	56	75	49	53	51	49	61	53	49	48	62	46	14	12	6	11	22	7	7	11		990
No. of 0	15	13	31	23	23	2	17	34	36	34	2	1	4	3	2	3	0	1	4	4	0	6	33	34	40	35	27	38	38	33		536
char- 1	24	26	14	22	20	31	28	11	9	11	30	13	33	31	35	33	29	33	31	32	30	34	12	12	6	11	16	7	7	11		642
acters 2	6	6	0	0	2	12	0	0	0	0	13	31	8	11	8	8	16	10	9	8	16	6	1	0	0	0	3	0	0	0		174

Selected days: Five quiet -- 25, 26, 28, 29, 30
Five disturbed -- 6, 11, 12, 17, 21

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1942
OCTOBER--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	-	2	2	2	2	-	1	1	-	-	0	1	1	2	1	2	1	2	2	2	2	2	1	1	0	0	1	0	0	0	-	31
CC	0	1	2	2	1	0	0	0	0	0	0	1	1	2	1	1	0	1	1	0	0	1	2	2	2	1	1	1	0	2	-	26
Di	-	2	2	2	1	-	1	1	-	-	0	2	-	2	2	1	1	1	2	1	1	0	1	-	-	0	1	2	2	2	-	30
MS	-	-	-	-	-	-	-	-	-	-	1	2	2	2	2	2	1	2	2	1	1	1	1	0	1	1	1	1	2	2	-	28
Ti																																
Tr																																
Ai																																
So	1	2	2	2	2	2	2	1	0	1	2	2	2	2	2	2	1	2	2	2	1	0	0	0	1	2	1	2	2	2	2	47
We																																
Sr	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	2	2	1	1	16
Do																																
Ya	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	2	2	1	1	18
Le	0	2	2	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	2	2	2	1	28
Sl																																
Lo	0	2	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	0	1	1	1	2	2	2	2	50
Si	0	1	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	2	1	1	19
VD	0	1	1	1	1	0	1	0	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	2	2	2	1	20
RS	0	2	2	2	2	1	2	2	1	1	2	2	2	2	2	2	1	2	2	2	2	0	0	0	1	2	1	2	2	2	2	48
Za	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	1	1	1	27
KP																																
Es	0	2	2	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	2	2	2	1	28
Me	0	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	0	1	0	1	1	1	2	2	2	2	38
Sy	1	2	2	2	1	0	1	0	0	0	1	2	2	2	2	2	0	2	2	1	0	0	0	0	1	1	0	2	2	2	2	35
Wi	0	2	2	2	1	0	1	2	0	0	1	2	2	2	2	2	1	2	2	2	1	0	0	0	1	2	1	2	2	2	2	41
Zy	0	2	1	1	1	0	0	0	0	0	0	2	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	2	2	1	1	20
Ni																																
Nz																																
Ab	1	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	2	1	1	33
Ma																																
Fu	0	2	2	2	1	0	0	0	0	0	1	2	1	1	1	1	0	1	1	1	0	0	0	0	1	0	0	2	2	2	1	25
CF	0	2	2	1	1	0	1	1	0	0	1	1	2	2	1	1	1	1	2	1	1	0	0	0	1	1	1	2	2	1	1	31
OG																																
Na																																
St																																
Ag	0	2	2	2	1	1	1	1	1	0	1	2	1	1	1	1	1	1	2	1	0	0	1	0	1	1	1	2	2	2	1	34
Mt																																
Du	0	2	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	2	2	1	1	25
Ke	0	2	2	1	1	0	0	0	0	1	1	2	1	2	1	1	0	1	2	1	0	0	0	0	1	0	0	2	2	2	1	27
Ci	0	-	-	1	1	0	1	0	0	0	1	2	2	1	1	1	0	1	1	1	1	0	0	0	0	1	0	2	2	1	1	22
Eb																																
Ch	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	2	1	1	14
SM	0	1	1	1	1	0	1	0	1	0	0	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1	0	1	2	1	1	21
SF	0	2	2	1	1	1	1	1	0	0	1	-	-	1	1	1	0	1	1	-	-	-	-	-	-	-	0	2	2	1	1	21
Ka																																
Ks	0	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	2	1	2	32
Tu	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	2	1	1	14
ZS																																
DD	0	2	1	1	1	0	1	0	0	1	1	1	1	1	1	1	-	1	1	1	0	0	0	0	0	0	0	2	2	1	1	22
He	0	2	2	2	1	1	1	0	1	1	2	2	2	2	2	2	1	2	2	2	1	0	0	0	1	1	0	2	2	2	2	41
Ta																																
AT																																
Ho	0	1	1	1	1	0	1	0	0	1	0	1	1	1	-	-	1	1	1	0	0	0	0	0	1	0	0	1	2	1	1	18
Te	1	2	2	2	1	0	0	0	0	1	2	2	2	2	2	1	1	1	1	0	0	0	0	0	2	2	2	2	2	2	2	37
Al	0	2	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	1	0	0	2	2	1	1	22
SJ	0	2	2	2	1	0	0	0	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	2	2	1	1	21
An																																
Ku																																
El	0	1	1	1	0	0	0	0	0	1	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	13
Hu	0	2	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	0	0	0	0	0	1	0	0	2	1	1	1	18
Ap	0	1	1	1	1	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	14
Va	1	2	2	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	1	2	1	1	26
Wa	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	1	2	1	1	17
Pi	0	2	1	1	1	0	0	1	1	1	1	1	0	1	1	0	0	0	0	1	0	0	0	0	1	0	1	2	2	1	1	21
CT	0	2	1	1	0	0	0	0	0	0	1	2	1	1	1	1	0	0	0	1	0	0	0	0	0	1	0	2	2	1	1	20
To	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	2	2	1	1	18
Am	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	14
Sums	5	71	65	58	47	12	27	19	10	19	35	60	53	57	51	47	22	45	56	39	19	5	8	4	28	25	17	75	81	61	50	1171
No. of 0	37	0	0	0	2	31	20	28	32	23	15	1	1	1	2	5	23	8	2	11	28	41	37	40	17	23	29	2	2	1	0	462
char- 1	5	15	21	30	37	10	21	13	10	19	25	26	31	31	33	31	20	29	30	27	13	3	6	2	24	17	15	11	5	27	32	619
acters 2	0	28	22	14	5	1	3	3	0	0	5	17	11	13	9	8	1	8	13	6	3	1	1	1	2	4	1	32	38	17	9	276

Selected days: Five quiet -- 1, 9, 22, 23, 24
Five disturbed -- 2, 3, 12, 28, 29

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1942
NOVEMBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	2	2	0	0	0	0	0	1	1	0	1	1	1	1	1	0	1	1	0	1	0	0	1	2	2	2	1	1	1	1		25
CC	1	1	1	0	0	1	0	0	0	0	0	0	1	1	1	0	1	0	0	1	1	2	2	-	-	2	1	2	1	-		20
Di	1	1	1	0	0	0	1	1	0	1	1	1	1	1	1	0	1	1	1	1	0	0	1	2	2	2	1	1	1	1		26
MS	2	2	2	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	1	0	1	1	2	2	2	2	2	2		36
Ti																																
Tr																																
Ai																																
So	2	2	1	1	2	1	1	2	1	2	1	1	2	2	1	2	1	1	1	2	1	1	2	2	2	2	2	2	2	1		46
We																																
Sr	1	1	1	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	2	1	1	1	1	1	0		16
Do																																
Ya	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1		8
Le	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	0	0	1	0	1	0	0	1	2	1	1	1	1	1	0		21
Sl																																
Lo	2	2	1	2	1	1	1	2	1	1	2	1	1	2	1	1	1	2	1	2	1	0	2	2	2	2	2	2	2	1		44
Si	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	0		13
VD	1	1	1	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	0	0	1	2	2	1	1	2	1	1		20
RS	1	2	2	1	1	1	1	2	1	2	2	1	2	2	2	2	1	1	1	2	1	1	2	2	2	2	2	2	2	1		47
Za	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		28
KP																																
Es	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	0	0	1	0	1	0	0	1	2	1	1	1	1	1	0		21
Me	1	1	1	2	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	2	2	2	2	1	1	1		32
Sy	0	2	1	1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	0	2	0	0	2	2	2	2	1	2	1	0		25
Wi	1	2	1	2	1	1	1	2	1	2	2	1	1	2	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	1		44
Zy	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	2	2	2	1	2	1	0		16
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	2	1	1	1	2	1	1		30
Ma																																
Fu	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	2	2	2	1	0	1	0	0		12
CF	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	2	2	2	1	2	1	0		29
OG																																
Na																																
St																																
Ag	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2	1	1	1	1	1	1		29
Mt																																
Du	1	1	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0		15
Ke	1	1	0	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2	1	2	1	2	1	0		17
Ci	0	0	1	0	0	0	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	2	2	1	0	1	0	0		12
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0		5
SM	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	1	0	1	2	2	2	1	2	1	1		29
SF	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	0	0	1	0	1	0	0	1	2	2	1	1	1	1	0		23
Ka																																
Ks	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	2	2	2	1	1	2	1	0		30
Tu	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	1	0	0		7
ZS																																
DD	0	1	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	0	0	1	0	0	1	2	1	1	1	1	1	0		15
He	1	1	1	1	1	0	0	1	1	2	2	0	1	2	1	0	0	0	0	1	0	0	1	2	2	2	1	2	1	0		27
Ta																																
AT																																
Ho	0	1	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	1	0	1	2	1	1	1	1	1	0		15
Te	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	2	2	2	0	1	0	0		12
Al	1	1	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0		13
SJ	1	1	0	1	1	0	0	1	0	1	1	0	1	1	0	0	0	1	0	1	1	0	1	2	1	2	1	1	1	0		21
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	1	1	0	1	0		8
Hu	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	1	0	0	1	1	1	1	0	1	1	0		10
Ap	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	1	0	0		7
Va	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	1	1		35
Wa	0	1	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0		15
Pi	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1	0	2	0	1	2	1	1	1	0	1	1	1		15
CT	0	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	1	0	0		10
To	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	1	0	1	1	1	1	0	1	1	0		12
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0		4
Sums	34	42	27	24	15	12	16	39	13	36	31	19	36	38	24	12	15	22	10	44	17	8	55	74	63	62	40	60	41	16		945
No. of 0	15	10	20	24	31	33	29	10	32	14	18	26	11	12	21	35	30	24	35	8	28	38	2	0	1	0	11	1	9	28		556
char- 1	26	28	23	18	13	12	16	31	13	26	23	19	32	28	24	8	15	20	10	30	17	6	31	14	23	28	28	28	31	16		637
acters 2	4	7	2	3	1	0	0	4	0	5	4	0	2	5	0	2	0	1	0	7	0	1	12	30	20	17	6	16	5	0		154

Selected days: Five quiet -- 9, 16, 17, 19, 22
Five disturbed -- 23, 24, 25, 26, 28

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1942
DECEMBER--Concluded

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	0	1	1	0	1	1	2	1	1	1	1	1	1	1	0	0	0	1	2	1	2	2	2	1	0	0	0	1	0	27
CC	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	10
Di	1	0	0	1	0	0	1	1	1	1	1	1	0	1	1	1	0	0	0	1	1	1	2	1	1	1	1	1	0	0	-	21
MS	1	1	0	0	0	0	1	1	2	1	1	2	1	1	1	1	1	0	0	1	2	2	2	2	2	2	1	1	1	0	-	31
Ti																																
Tr																																
Ai																																
So	2	1	2	2	1	1	2	2	2	2	2	1	0	1	1	1	0	0	0	1	2	1	2	2	1	2	1	0	1	0	0	36
We	0	0	0	0	0	0	1	1	2	1	1	1	0	0	0	0	0	0	0	0	2	1	2	1	1	1	0	0	0	0	0	15
Sr	1	0	0	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	2	1	2	1	1	1	0	0	0	0	0	17
Do																																
Ya	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	2	1	2	1	1	1	0	0	0	0	0	13
Le	1	0	0	0	0	0	1	1	2	1	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	16
Sl																																
Lo	1	1	1	1	1	0	2	2	2	2	2	1	1	1	1	1	0	0	0	2	2	2	2	2	2	2	1	0	1	0	0	36
Si	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	10
VD	0	0	0	1	0	0	1	1	2	1	1	1	0	0	0	0	0	0	0	0	2	1	2	1	0	1	0	0	0	0	0	15
RS	2	1	1	2	1	1	2	2	2	2	2	1	1	2	1	2	0	0	0	2	2	2	2	2	2	2	1	0	1	0	1	42
Za	1	0	0	1	1	0	1	1	1	1	1	1	0	1	0	1	0	0	0	1	2	1	1	1	1	1	1	1	1	0	0	22
KP																																
Es	0	0	0	0	0	0	1	1	2	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	13
Me	1	0	0	1	0	1	1	1	1	2	1	1	0	1	1	1	1	0	1	1	2	1	2	1	1	1	1	1	1	0	0	27
Sy	1	0	1	1	0	1	2	2	2	2	2	1	0	1	0	1	0	0	0	2	2	1	2	2	1	2	0	0	0	0	0	29
Wi	1	1	1	1	0	1	2	2	2	2	2	1	1	1	1	1	0	0	0	2	2	1	2	2	1	2	1	0	0	0	0	33
Zy	0	0	0	0	0	0	1	1	2	0	1	-	0	0	0	0	0	0	0	0	2	1	2	1	0	1	0	0	0	0	0	12
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	25
Ma																																
Fu	0	0	0	0	0	0	1	1	2	1	0	1	0	0	0	0	0	0	0	0	2	1	2	1	1	1	0	0	0	0	0	14
CF	1	0	0	1	0	0	1	2	1	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	19
OG																																
Na																																
St																																
Ag	1	0	0	1	1	0	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	22
Mt																																
Du	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	2	1	0	1	0	0	0	0	0	13
Ke	0	0	0	1	0	0	1	1	2	0	1	1	0	0	0	0	0	0	0	0	2	1	2	1	0	1	0	0	0	0	0	14
Cl	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	10
Eb																																
Ch	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	5
SM	0	0	0	1	0	0	1	0	1	1	1	1	1	1	0	1	0	0	0	1	2	1	2	1	1	1	1	1	0	0	0	20
SF	0	0	1	1	0	1	1	1	2	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	17
Ka																																
Ks	1	0	1	1	0	1	1	1	2	1	1	1	1	1	1	1	1	0	0	1	2	1	2	1	1	1	1	1	0	0	0	27
Tu	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	7
ZS																																
DD	0	0	0	1	0	0	1	1	1	0	0	1	0	0	0	0	0	-	-	1	2	1	2	1	0	1	0	0	0	0	0	13
He	1	0	1	1	0	0	1	1	2	1	2	0	0	0	0	1	0	0	0	2	2	1	2	1	1	1	0	0	0	0	0	21
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	11
Te	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	0	0	0	0	0	12
Al	0	0	1	1	0	0	1	1	1	1	1	1	0	1	0	0	0	0	0	1	2	1	2	1	0	1	0	0	0	0	0	17
SJ	0	0	0	1	0	0	1	1	2	1	1	1	0	0	0	0	0	0	0	0	2	1	1	1	0	1	0	0	0	0	0	14
An																																
Ku																																
El	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	3
Hu	0	0	0	1	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	10
Ap	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	7
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	29
Wa	0	0	0	1	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	11
Fl	0	0	0	0	0	0	1	0	2	1	0	0	0	0	1	0	0	0	0	0	2	1	2	0	1	1	0	0	0	0	0	12
CT	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	1	2	0	1	1	0	1	0	0	0	0	0	10
To	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1	-	0	0	0	0	9
Am	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	5
Sums	20	8	12	28	8	9	39	38	65	47	42	35	9	19	14	18	5	1	3	32	71	46	69	48	34	51	14	8	7	1	1	802
No. of 0	28	38	35	20	38	37	12	14	1	5	10	11	37	28	32	29	41	44	42	19	0	3	0	5	16	1	31	38	39	45	43	742
char- 1	16	8	10	24	8	9	29	26	25	35	30	33	9	17	14	16	5	1	3	22	21	40	23	34	26	39	14	8	7	1	1	554
acters 2	2	0	1	2	0	0	5	6	20	6	6	1	0	1	0	1	0	0	0	5	25	3	23	7	4	6	0	0	0	0	0	124

Selected days: Five quiet -- 17, 18, 19, 30, 31
Five disturbed -- 9, 10, 21, 23, 26

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1943
JANUARY

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	0	0	0	2	1	1	0	0	0	1	0	0	0	0	0	0	1	1	0	2	2	2	1	1	0	1	1	1	0	0	0	18
CC	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0	0	0	0	0	-	7
Di	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1	2	1	1	1	1	0	1	1	1	0	0	1	25
MS																																
Ti																																
Tr																																
Ai																																
So	2	1	1	2	2	1	0	1	1	1	1	1	0	0	1	2	2	2	1	2	2	2	1	1	0	1	2	2	1	1	1	38
We	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2	1	0	0	0	1	0	0	0	0	0	10
Sr	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	1	0	0	0	1	1	1	0	0	0	12
Do	1	0	1	2	1	0	1	1	0	1	0	0	0	0	0	1	0	1	1	2	1	2	1	0	1	2	1	1	0	0	1	23
Ya	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0	0	1	0	1	0	0	9
Le	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	1	0	0	2	1	1	1	0	0	1	0	1	0	1	0	13
Sl																																
Lo	2	1	1	2	2	1	0	1	1	1	1	1	0	0	1	1	2	2	1	2	2	2	1	1	0	1	2	2	1	1	1	37
Si	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	1	0	0	0	0	0	8
VD	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	1	0	0	0	1	0	0	0	0	0	9
RS	2	1	1	2	2	2	0	1	1	1	1	1	0	0	0	2	2	1	1	2	2	2	2	1	0	1	1	1	1	1	1	36
Za	1	1	1	2	1	1	0	1	0	1	1	1	0	0	0	1	2	1	1	2	2	1	-	1	0	1	1	1	1	1	0	27
KF																																
Es	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	1	1	0	0	1	0	1	0	0	0	11
Me	1	1	1	2	1	1	1	1	1	1	0	1	1	1	0	1	2	1	1	1	2	2	1	1	1	2	1	1	1	1	1	34
Sy	1	0	1	2	1	1	0	1	0	1	0	0	0	0	0	1	2	1	0	2	2	2	1	1	0	1	1	1	0	1	0	24
Wi	1	0	1	2	1	1	0	1	1	1	0	1	0	0	0	1	2	1	1	2	2	2	1	1	0	1	1	1	1	1	0	28
Zy	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	1	0	0	0	1	0	1	0	0	0	9
Ni																																
Nz																																
Ab	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	29
Ma																																
Fu	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	1	0	0	0	1	0	0	0	0	0	11
CF	1	0	1	2	1	1	0	1	0	0	0	0	0	0	0	1	2	1	0	2	1	2	0	1	0	1	1	1	0	1	0	21
OG																																
Na																																
St																																
Ag	1	1	1	2	1	1	1	1	1	1	0	1	1	0	0	0	2	1	1	1	2	1	1	1	1	1	1	1	0	1	1	29
Mt																																
Du	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	1	0	0	0	7
Ke	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	1	0	0	0	1	1	1	0	0	0	13
Ci	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	1	2	0	0	0	1	0	0	0	0	0	10
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	4
SM	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	0	0	1	1	1	0	0	0	12
SF	1	1	1	2	1	0	0	1	0	1	0	0	0	0	0	1	1	1	1	2	1	1	1	0	0	1	1	1	0	1	0	21
Ka																																
Ks	1	1	1	2	1	1	0	1	1	-	0	0	0	0	0	1	2	1	1	2	1	2	1	1	0	1	1	1	1	1	1	27
Tu	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	0	0	0	7
ZS																																
DD	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	1	0	0	-	-	-	-	-	-	0	9
He	1	0	1	2	1	1	0	1	0	0	1	0	0	0	0	1	2	0	0	2	2	2	1	0	0	1	0	1	1	1	0	22
Ta																																
AT																																
Ho	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	0	0	0	7
Te	1	0	1	1	1	0	0	0	0	0	1	0	1	0	0	1	2	1	1	2	2	2	1	1	1	1	0	0	0	0	0	21
Al	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	1	2	1	0	2	1	1	0	0	0	1	1	1	0	0	0	15
SJ	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	7
An																																
Ku																																
El	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	5
Hu	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	7
Ap	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	1	1	0	0	0	1	0	0	0	0	0	9
Va	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	31
Wa	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	1	0	1	0	0	0	9
Pi	2	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	1	1	0	0	0	0	0	0	0	0	0	12
CT	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	0	0	0	8
To	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	0	0	0	7
Am	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	4
Sums	23	11	23	66	42	18	3	17	11	14	9	13	5	1	4	23	60	26	15	73	59	58	21	16	6	38	23	28	11	15	10	742
No. of 0	27	35	23	1	7	29	43	29	35	31	37	33	41	45	42	25	2	22	31	1	0	1	25	30	39	9	24	19	34	30	35	785
char- 1	15	11	23	24	36	16	3	17	11	14	9	13	5	1	4	19	28	22	15	17	33	32	19	16	6	34	19	24	11	15	10	522
acters 2	4	0	0	21	3	1	0	0	0	0	0	0	0	0	0	2	16	2	0	28	13	13	1	0	0	2	2	2	0	0	0	110

Selected days: Five quiet -- 7, 11, 13, 14, 15
Five disturbed -- 4, 17, 20, 21, 22

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1943
FEBRUARY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	1	1	2	1	0	1	0	1	0	1	1	0	0	0	2	1	1	1	0	0	0	1	1	1	1	1				19
CC	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0				6
Di	0	1	1	1	1	1	0	1	0	0	0	0	1	0	0	0	2	1	0	0	0	0	1	1	2	2	1	0				17
MS																																
Ti																																
Tr																																
Ai																																
So	1	1	1	1	1	1	1	2	1	1	0	1	1	1	1	0	2	1	1	1	1	1	2	1	2	2	2	1				32
We	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0				7
Sr	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	2	1	1	0	0	0	0	0	1	1	0	0				11
Do	1	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	2	1	0	0	0	0	0	1	2	2	1	0				16
Ya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0				3
Le	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	1	1	1	1	1	0				13
Sl																																
Lo	1	0	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	1	1	2	2	2	1				33
Si	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0				5
VD	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0				4
RS	1	1	2	1	2	1	1	1	1	1	1	1	1	0	1	1	2	1	1	1	1	0	1	1	2	2	2	0				31
Za	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	0				28
KP																																
Es	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	2	1	1	0	0	0	1	1	1	1	1	0				14
Me	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1				29
Sy	0	0	1	1	1	1	0	1	0	0	0	0	1	0	0	0	2	0	0	0	0	0	1	1	2	2	1	0				15
Wi	1	1	1	1	2	2	1	1	0	0	1	1	1	0	0	1	2	1	1	1	1	1	1	2	2	2	2	0				30
Zy	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	1	1	0	0				7
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1				29
Ma																																
Fu	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0				4
CF	0	0	1	1	1	1	0	1	0	0	0	1	1	0	0	0	2	1	1	0	0	0	1	1	1	1	1	0				16
OG																																
Na																																
St																																
Ag	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	0	2	1	1	1	1	0	1	1	1	2	1	1				26
Mt																																
Du	0	0	1	1	1	1	0	0	0	0	1	0	1	0	0	1	2	0	0	0	0	0	0	0	1	1	0	0				11
Ke	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	1	1	0	0				5
Cl	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	1	1	0	0				9
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0				2
SM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	1	1	1	0				7
SF	0	0	1	1	1	1	0	1	1	0	1	0	1	0	0	1	2	1	0	0	0	0	1	1	1	1	1	0				17
Ka																																
Ks	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1	2	1	1	1	0	1	1	1	1	2	1	0				25
Tu	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0				5
ZS																																
DD	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	2	0	0	0	0	0	0	1	1	1	0	0				8
He	1	0	1	1	1	1	1	1	0	0	1	1	1	0	0	1	2	0	0	0	0	0	1	1	2	2	0	0				19
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	-	1	0	0				4
Te	0	0	0	1	1	1	0	1	0	1	1	1	2	1	0	2	2	1	0	0	0	0	0	0	0	0	0	0				15
Al	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	2	1	1	1	0	0	1	1	1	1	1	0				24
SJ	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0				6
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0				3
Hu	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1	1	1	1	0	0				7
Ap	0	0	0	1	1	0	0	0	1	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0				8
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1				31
Wa	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0				5
Pi	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	1	2	0	0	0	1	0	1	0	2	2	2	0				14
CT	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0				4
To	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0				6
Am	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0				5
Sums	13	11	25	33	31	29	13	19	12	9	20	14	38	9	9	18	74	23	19	12	10	7	21	24	49	58	28	7				635
No. of 0	33	35	23	13	19	19	33	28	34	37	26	32	9	37	37	29	1	23	27	34	36	39	26	23	7	1	23	39				723
char- 1	13	11	21	33	23	25	13	17	12	9	20	14	36	9	9	16	16	23	19	12	10	7	19	22	27	32	18	7				493
acters 2	0	0	2	0	4	2	0	1	0	0	0	0	1	0	0	1	29	0	0	0	0	0	1	1	11	13	5	0				71

Selected days: Five quiet -- 10, 12, 15, 21, 28
Five disturbed -- 4, 13, 17, 25, 26

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1943
MARCH--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	1	2	2	1	0	1	0	0	0	2	0	0	0	2	1	1	1	2	1	1	2	1	0	1	0	0	2	2	1	28
CC	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	1	1	1	10
Di	0	1	1	1	1	1	1	1	0	0	1	1	0	0	0	1	0	1	1	1	1	1	2	0	0	0	0	0	2	2	1	22
MS																																
Ti																																
Tr																																
Ai																																
So	1	1	2	2	1	1	2	1	1	1	2	2	0	0	0	2	2	1	2	2	1	2	2	1	0	1	1	1	2	2	2	41
We	0	2	1	1	1	0	0	1	1	0	1	1	0	1	0	1	1	0	0	1	-	1	2	1	0	0	0	0	1	1	1	20
Sr	0	1	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	13
Do	0	0	1	1	2	1	1	1	0	1	2	1	0	1	0	2	1	1	1	2	1	2	2	1	0	1	1	1	2	2	1	33
Ya	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	1	1	0	8
Le	0	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	1	0	1	1	0	2	2	1	0	0	0	0	2	2	1	24
Sl																																
Lo	1	2	2	2	2	1	1	1	1	0	2	2	0	1	0	2	2	1	2	2	1	2	2	2	0	1	1	1	2	2	2	43
Si	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	1	1	0	12
VD	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	1	1	1	11
RS	2	2	2	2	2	1	1	1	1	1	2	2	0	1	0	2	2	1	2	2	1	2	2	2	1	1	1	1	2	2	2	46
Za	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	2	1	1	1	1	0	1	1	0	2	1	1	29
KP																																
Es	0	1	1	1	1	1	0	1	1	0	1	1	0	1	0	1	1	0	1	1	0	2	1	1	0	0	0	0	2	1	1	22
Me	1	2	1	2	1	1	1	1	1	1	1	1	0	1	0	2	1	1	1	2	1	1	2	1	1	1	0	0	1	2	1	33
Sy	0	1	1	2	0	0	0	0	0	0	2	2	0	0	0	2	1	0	1	2	0	2	1	0	0	0	0	0	2	2	1	22
Wi	1	2	2	2	2	1	1	1	1	0	2	2	0	1	0	2	1	1	2	2	1	2	2	1	1	1	1	0	2	2	2	41
Zy	0	1	0	1	1	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	1	1	0	0	0	0	0	2	1	0	13
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	32
Ma																																
Fu	1	0	0	1	1	0	0	0	0	0	1	1	0	0	0	1	1	0	1	1	0	2	1	0	0	0	0	0	2	2	1	17
CF	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	1	0	1	2	0	1	1	1	0	0	0	0	2	1	1	23
OG																																
Na																																
St																																
Ag	0	1	1	1	1	1	1	1	1	0	1	1	0	1	0	2	1	1	1	1	1	1	2	1	1	1	1	1	2	2	1	31
Mt																																
Du	1	1	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	0	2	1	1	16
Ke	1	1	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	0	1	1	1	0	0	0	0	2	1	1	16
Cl	0	1	0	2	0	0	1	1	1	0	1	1	0	0	0	1	1	0	0	2	0	1	1	0	0	0	0	1	0	1	0	16
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	5
SM	0	1	0	1	1	0	0	1	0	0	0	1	0	0	0	1	0	0	1	1	0	1	1	0	1	1	0	0	1	1	1	15
SF	1	0	1	1	1	0	0	0	1	0	1	1	0	0	0	1	1	0	1	1	1	2	2	1	0	0	0	0	2	2	1	22
Ka																																
Ks	1	1	-	1	1	1	-	1	1	0	1	1	0	-	0	1	1	0	1	2	1	1	1	1	0	0	-	0	2	1	1	22
Tu	0	1	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	1	1	1	12
ZS																																
DD	2	2	1	2	1	0	0	0	0	0	1	1	0	0	0	2	1	0	1	1	1	1	1	1	0	0	0	0	2	1	1	23
He	1	1	1	2	1	1	1	0	0	0	2	1	0	0	0	1	0	0	1	2	0	2	1	0	0	0	0	0	2	2	2	24
Ta																																
AT																																
Ho	0	1	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	0	1	1	0	0	0	0	0	1	1	0	12
Te	0	1	1	1	0	0	0	0	0	0	2	1	0	0	0	2	0	0	1	0	0	1	0	0	0	0	0	0	1	2	0	13
Al	1	2	1	1	1	1	1	1	0	0	1	1	0	1	0	2	1	0	1	1	1	1	1	1	0	0	1	0	2	1	1	26
SJ	0	1	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	14
An																																
Ku																																
El	0	-	-	1	0	0	0	0	0	0	0	1	0	0	0	0	0	-	-	1	0	1	1	0	0	0	0	0	0	1	0	6
Hu	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	2	1	1	11
Ap	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	1	1	0	1	1	1	1	1	0	0	0	0	0	1	1	1	17
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	32
We	0	1	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	1	1	1	12
Pi	0	1	0	0	0	0	0	0	0	0	2	1	0	1	0	1	1	0	0	1	1	2	0	0	0	0	0	0	2	2	1	16
CT	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	1	1	0	0	0	0	0	1	1	1	11
To	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	1	1	1	10
Am	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	8
Sums	20	44	27	54	42	18	17	20	16	7	45	51	2	13	2	58	29	12	34	58	22	55	55	22	7	12	10	8	69	62	42	933
No. of 0	28	8	21	2	9	28	29	26	30	39	10	1	44	32	44	1	20	33	15	1	23	3	3	26	39	34	35	38	3	0	9	634
char- 1	16	30	19	34	32	18	15	20	16	7	27	39	2	13	2	32	23	12	26	32	22	31	31	18	7	12	10	8	17	30	32	633
acters 2	2	7	4	10	5	0	1	0	0	0	9	6	0	0	0	13	3	0	4	13	0	12	12	2	0	0	0	0	26	16	5	150

Selected days: Five quiet -- 10, 13, 15, 25, 28
Five disturbed -- 16, 20, 23, 29, 30

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1943
APRIL--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	1	2	2	2	2	2	1	1	0	1	1	0	0	0	0	1	1	0	0	1	2	1	0	0	2	2	1	0	1	2		29
CC	1	0	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1		10
Di	1	1	2	1	1	1	1	0	0	2	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	2	0	1	1	-		18
MS																																
Ti																																
Tr																																
Ai																																
So	2	2	2	2	2	2	2	1	0	2	2	1	0	0	1	1	0	0	0	1	2	0	0	0	2	2	2	1	2	1		35
We	1	1	1	-	1	2	1	1	0	2	2	0	0	0	1	1	0	0	0	1	0	1	0	0	0	1	0	0	1	1		19
Sr	0	0	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1		9
Do	1	1	2	1	2	2	2	2	1	2	2	1	0	0	0	1	0	0	0	1	1	0	1	0	2	2	1	1	1	1		31
Ya	0	0	1	0	1	0	1	0	0	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0		8
Le	1	1	2	1	1	1	1	0	0	1	2	0	0	0	1	1	1	0	0	1	1	0	0	0	1	1	1	0	1	1		21
Sl																																
Lo	2	2	2	2	2	2	2	1	0	2	2	1	0	0	1	1	1	1	1	1	2	1	0	0	2	2	1	1	1	1		37
Si	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1		13
VD	0	0	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1		9
RS	2	2	2	2	2	2	2	1	1	2	2	0	1	0	1	1	1	1	1	1	2	1	0	0	2	2	2	1	1	2		40
Za	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	1	1	0	0	1	1	1	0	0	1	1	0	1	1	1		21
KP																																
Es	1	1	2	1	1	1	1	0	0	1	2	0	0	0	1	1	1	0	0	1	1	0	0	0	1	1	1	0	1	1		21
Me	1	1	2	1	1	2	1	1	0	2	2	1	1	0	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	2		32
Sy	1	1	2	2	2	2	2	0	0	2	2	0	0	0	0	0	0	0	0	0	2	0	0	0	1	2	0	0	0	1		22
Wi	2	2	2	2	2	2	2	0	0	2	2	0	0	0	0	1	0	0	0	1	2	1	0	0	1	2	1	1	1	1		30
Zy	0	0	2	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1		11
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	2	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1		28
Ma																																
Fu	0	1	1	1	1	2	1	0	0	2	1	0	0	0	1	0	0	0	0	1	1	0	0	0	1	1	0	0	0	1		16
CF	1	1	2	1	2	1	1	0	0	1	1	0	0	0	1	1	0	0	0	1	1	0	0	0	1	1	1	1	1	1		21
OG																																
Na																																
St																																
Ag	1	1	1	1	1	1	1	1	0	1	2	0	0	0	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	1		26
Mt																																
Du	1	0	1	1	1	1	1	0	0	1	1	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	1		13
Ke	0	0	1	1	1	1	1	0	0	1	1	0	0	0	1	1	0	0	0	0	1	0	0	0	1	1	0	0	0	1		13
Ci	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	0	1		18
Eb																																
Ch	0	0	1	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1		8
SM	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	0	0	0	0	1	1	0	0	1	1	0	0	1	1		16
SF	1	1	2	2	1	1	1	1	0	1	1	0	0	0	1	0	-	0	0	-	1	1	0	0	1	1	1	1	1	1		21
Ka																																
Ks	-	-	1	1	1	2	1	0	0	-	1	0	0	0	1	1	1	0	0	1	-	-	-	-	-	-	-	1	1	1		14
Tu	0	0	1	0	1	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1		9
ZS																																
DD	1	1	1	1	1	2	1	0	0	2	1	0	0	0	1	1	0	1	0	1	1	0	1	0	1	2	0	1	0	1		22
He	1	2	2	2	2	2	1	0	1	2	2	0	0	0	1	0	0	0	0	0	1	0	0	0	1	2	1	1	1	2		27
Ta																																
AT																																
Ho	0	0	1	0	1	1	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1	1		10
Te	2	2	2	2	2	2	1	0	1	2	2	1	0	0	0	0	0	0	0	1	1	0	0	0	1	2	2	0	1	2		29
Al	1	1	1	1	1	1	1	0	0	2	1	0	0	0	0	1	0	0	0	1	1	1	0	0	1	1	0	1	1	1		19
SJ	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	1	1	1		11
An																																
Ku																																
El	0	0	1	1	1	1	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1		9
Hu	0	0	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1		8
Ap	0	1	1	0	1	1	1	0	0	1	1	0	0	0	1	1	0	0	0	0	1	0	0	-	-	-	-	0	0	1		11
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1		29
Wa	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1		8
Pi	1	0	1	1	1	1	0	0	0	2	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1		16
CT	0	0	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1		10
To	0	0	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1		9
Am	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0		7
Sums	33	35	62	47	54	57	42	14	7	59	59	7	3	2	21	27	11	7	6	23	46	14	3	1	33	56	20	20	27	48		844
No. of 0	17	18	0	7	2	3	10	33	39	1	2	39	43	44	25	19	34	39	40	22	5	31	42	43	16	1	27	26	20	2		650
char- 1	23	19	30	29	34	29	30	12	7	29	29	7	3	2	21	27	11	7	6	23	34	14	3	1	23	30	14	20	25	38		580
acters 2	5	8	16	9	10	14	6	1	0	15	15	0	0	0	0	0	0	0	0	0	6	0	0	0	5	13	3	0	1	5		132

Selected days: Five quiet -- 9, 13, 14, 23, 24
Five disturbed -- 3, 6, 10, 11, 26

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1943
MAY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	2	2	1	1	1	0	0	0	0	1	0	1	2	1	2	2	2	2	2	0	0	0	1	1	2	1	2	2	2	1	0	34
CC	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	0	-	-	-	-	-	-	-	-	-	-	-	10
Di	2	1	1	0	1	0	0	0	0	0	0	0	1	1	1	2	1	2	1	0	0	0	1	2	2	1	1	2	1	0	0	24
MS																																
Ti																																
Tr																																
Ai																																
So	2	2	2	1	1	1	0	0	0	1	1	1	2	2	2	2	2	2	2	1	1	0	1	2	2	2	2	2	1	1	1	42
We	2	2	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	-	-	0	0	1	1	1	-	1	1	1	0	0	16
Sr	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	0	1	1	0	0	1	0	0	0	10
Do	2	1	1	1	0	0	0	0	0	0	0	1	0	1	2	0	2	2	2	0	0	0	1	1	1	1	2	2	1	0	0	24
Ya	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	7
Le	2	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	2	1	1	1	1	1	1	0	23
Sl																																
Lo	2	2	2	1	1	1	1	1	0	1	2	2	2	2	2	2	2	2	2	0	1	0	1	2	2	1	2	2	2	1	1	45
Si	2	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	0	1	1	1	0	1	1	1	0	0	15
VD	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1	0	0	0	8
RS	2	2	2	1	2	1	1	0	1	1	2	2	2	1	2	2	2	2	2	1	1	0	1	2	2	2	2	2	2	1	1	47
Za	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	24
KP																																
Es	2	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	1	1	0	21
Me	2	2	1	1	1	1	1	0	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1	1	2	1	1	2	2	1	1	38
Sy	2	2	2	0	1	1	0	0	0	0	1	1	1	1	2	2	2	2	2	0	0	0	0	2	1	1	1	2	1	0	1	31
Wi	2	2	2	1	1	1	0	0	0	1	1	2	2	1	2	2	2	2	2	0	1	0	1	2	2	1	1	2	1	1	1	39
Zy	2	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	1	1	0	0	1	0	0	0	12
Ni																																
Nz																																
Ab	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	31
Ma																																
Fu	1	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	2	2	1	0	0	0	1	1	1	0	1	2	0	0	0	17
CF	2	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	2	2	1	0	0	0	1	1	1	1	1	1	1	0	0	23
OG																																
Na																																
St																																
Ag	2	1	1	1	1	1	1	0	0	0	1	1	1	1	2	1	1	2	1	1	0	0	1	1	1	1	1	1	1	1	0	28
Mt																																
Du	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	1	1	0	1	1	0	0	0	13
Ke	1	1	1	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	1	1	0	1	1	0	0	0	15
Cl	2	2	2	1	0	0	0	0	1	0	1	1	1	0	1	1	2	1	1	0	0	0	1	1	1	1	1	1	1	0	0	24
Eb																																
Cn	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	0	0	1	0	0	1	0	0	0	9
SM	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	18
SF	2	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1	0	0	0	1	1	1	1	1	1	1	1	1	26
Ka																																
Ks	1	1	1	1	1	0	-	-	-	-	1	1	1	1	1	1	1	2	1	0	0	0	1	1	2	1	1	1	1	1	0	24
Tu	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	1	1	0	1	1	0	0	0	10
ZS																																
DD	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	2	1	2	1	0	0	0	0	1	1	0	0	1	0	0	0	19
He	1	2	2	0	0	0	0	0	0	1	1	0	1	1	2	1	2	2	1	0	-	-	0	2	1	1	2	1	1	0	0	25
Ta																																
AT																																
Ho	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	2	1	0	0	0	0	1	1	0	1	2	0	0	0	14
Te	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	6
Al	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	0	1	1	0	0	0	18
SJ	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	18
An																																
Ku																																
El	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	7
Hu	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	4
Ap	1	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	1	0	0	18
Va	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	27
Wa	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	1	0	0	1	0	0	0	8
Pi	2	1	1	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	12
CT	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1	0	0	0	8
To	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	0	1	1	0	0	1	1	0	0	11
Am	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	1	0	0	1	1	0	0	9
Sums	67	53	33	17	17	9	6	2	3	12	26	29	45	29	51	39	52	61	46	7	8	1	25	50	51	23	41	55	31	14	9	912
No. of 0	0	3	20	29	30	37	39	43	42	33	22	20	6	19	6	15	7	3	7	38	36	43	20	3	2	23	10	1	18	31	36	642
char- 1	25	33	19	17	15	9	6	2	3	12	22	23	35	25	29	23	26	25	30	7	8	1	25	34	35	19	29	33	23	14	9	616
acters 2	21	10	7	0	1	0	0	0	0	0	2	3	5	2	11	8	13	18	8	0	0	0	0	8	8	2	6	11	4	0	0	148

Selected days: Five quiet -- 7, 8, 9, 21, 22
Five disturbed -- 1, 15, 18, 24, 28

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1943
JUNE--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	0	0	0	0	1	2	2	2	2	2	2	2	0	0	0	0	1	2	2	2	2	2	2	1	1	1	–	–		32
CC	0	0	0	0	0	0	1	–	2	1	1	1	2	1	0	0	0	0	1	2	1	1	2	2	1	0	1	1	0	0		21
Di	1	1	0	0	0	0	1	2	1	1	1	1	1	1	0	0	0	0	1	1	1	1	2	2	1	0	0	1	0	0		21
MS																																
Ti																																
Tr																																
Ai																																
So	1	0	0	0	1	2	2	2	2	2	1	1	2	2	0	0	0	0	2	2	2	1	2	2	2	1	1	2	1	0		36
We	0	1	0	0	0	0	0	2	1	1	1	1	1	1	0	0	0	0	2	2	1	1	1	1	1	0	0	1	0	0		19
Sr	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0		12
Do	1	0	0	0	0	1	0	2	1	2	0	1	1	2	0	0	1	0	1	2	1	2	1	1	1	0	1	2	1	0		25
Ya	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0		11
Le	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	0		17
Sl																																
Lo	2	1	1	0	1	2	2	2	2	2	2	1	2	2	1	1	0	0	2	2	2	2	2	2	2	1	2	2	1	0		44
Si	0	1	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	0	0		14
VD	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0		9
RS	1	1	0	0	1	1	2	2	2	2	2	1	2	2	0	0	0	0	2	2	2	2	2	2	2	0	2	2	1	0		38
Za	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1	0	0		20
KF																																
Es	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	0		17
Me	1	1	1	1	0	1	1	2	2	2	1	2	1	1	1	0	1	1	1	1	2	2	1	2	1	1	1	1	1	1		35
Sy	0	0	0	0	1	1	1	2	1	1	1	1	1	1	0	0	0	0	1	2	2	2	1	2	1	0	1	2	0	0		25
Wi	1	0	0	1	1	1	1	2	1	1	2	1	2	1	0	0	0	0	1	2	2	2	2	2	2	1	1	2	1	0		33
Zy	0	0	0	0	0	0	0	2	1	1	0	0	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0		9
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0		29
Ma																																
Fu	1	0	0	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	0		16
CF	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1	0	0		19
OG																																
Na																																
St																																
Ag	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	1	1	1	1	1	1	1	0		24
Mt																																
Du	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	0	0		15
Ke	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	2	1	0	0	1	0	0		18
Ci	1	1	0	0	0	1	0	1	0	1	0	1	1	1	1	1	0	0	0	2	1	1	1	1	0	1	0	1	0	0		18
Eb																																
Ch	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	0	0		11
SM	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	0		17
SF	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	0		21
Ka																																
Ks	1	0	0	0	1	1	1	1	1	1	1	1	–	–	–	0	0	0	1	1	1	1	1	1	1	0	1	2	0	0		19
Tu	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0		10
ZS																																
DD	0	1	0	0	0	1	1	1	1	1	1	0	0	–	0	0	0	0	–	1	1	1	1	1	1	0	0	1	0	0		14
He	1	0	0	0	0	1	1	1	0	1	1	1	1	0	0	0	0	0	1	2	1	1	1	1	1	0	1	2	0	0		19
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	2	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	–	1	0	0		11
Te	0	0	0	0	0	0	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		8
Al	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0		20
SJ	0	0	0	0	0	1	1	2	1	1	1	1	1	1	0	0	0	0	1	1	1	1	2	1	1	0	0	2	0	0		20
An																																
Ku																																
El	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0		4
Hu	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	1	0	0		6
Ap	0	0	0	0	0	1	0	1	1	1	0	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	1	0	0		14
Va	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1	2	1	1		42
Wa	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0		11
Pi	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	0	0	1	2	1	1	1	2	1	0	0	1	1	0	0		15
CT	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1	1	0	1	0	1	0	0	1	0	0		8
To	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0		10
Am	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0		10
Sums	18	13	4	4	15	31	32	59	51	46	32	38	44	33	6	4	4	4	35	53	52	48	54	52	35	10	21	55	12	2		867
No. of 0	30	33	42	42	32	18	18	1	3	6	18	10	7	16	39	42	42	42	16	5	2	6	2	5	16	36	26	1	33	43		632
char- 1	14	13	4	4	13	25	24	29	35	34	24	34	32	23	6	4	4	4	23	29	36	32	34	30	25	10	17	35	12	2		611
acters 2	2	0	0	0	1	3	4	15	8	6	4	2	6	5	0	0	0	0	6	12	8	8	10	11	5	0	2	10	0	0		128

Selected days: Five quiet -- 4, 16, 17, 18, 30
Five disturbed -- 8, 9, 23, 24, 28

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1943
JULY--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	0	0	1	2	2	2	2	2	2	2	2	2	2	0	2	1	1	2	2	1	-	-	-	-	-	-	-	-	-	-	-	30
CC	0	0	1	-	2	2	1	1	2	2	2	1	1	0	1	1	1	2	1	1	1	1	2	2	2	1	1	2	2	1	0	37
Di	0	0	1	1	2	2	1	2	1	1	1	1	1	0	1	1	1	2	1	1	1	1	0	0	0	1	0	0	0	2	1	27
MS																																
Ti																																
Tr																																
Ai																																
So	0	1	1	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	1	1	1	2	0	0	0	2	2	0	1	2	2	44
We	0	0	1	1	2	2	1	1	1	2	2	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	-	0	1	1	-	18
Sr	0	0	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	10
Do	0	1	1	1	2	2	1	2	2	2	2	1	0	0	1	1	1	2	1	1	1	1	0	0	0	0	1	0	1	2	2	32
Ya																																
Le	0	0	1	1	2	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	1	1	19
Sl																																
Lo	0	1	2	2	2	2	2	2	2	2	2	2	2	0	1	2	2	2	2	1	2	1	1	1	1	1	2	1	1	2	2	48
Si	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	14
VD	0	0	0	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	8
RS	0	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	1	1	2	2	1	1	0	1	1	1	1	2	2	46
Za	0	1	1	2	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	0	0	1	0	0	0	1	1	25
KP																																
Es	0	0	1	1	2	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	1	1	19
Me	1	1	1	1	2	2	1	2	2	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	2	1	35
Sy	0	0	1	2	2	2	1	1	2	2	1	1	1	0	0	0	1	2	1	1	1	1	0	0	0	1	0	0	0	1	2	27
Wi	0	1	1	2	2	2	1	1	2	2	2	1	2	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	2	2	34
Zy	0	0	0	2	1	2	0	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	12
Ni																																
Nz																																
Ab	0	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	32
Ma																																
Fu	0	0	0	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7
CF	0	0	1	2	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	0	0	1	0	0	0	1	1	23
OG																																
Na																																
St																																
Ag	1	1	1	1	2	2	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	33
Mt	0	0	1	1	2	2	1	1	1	1	1	1	1	0	0	0	1	1	1	-	1	1	0	0	0	0	0	0	0	1	1	20
Du	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	1	1	16
Ke	0	0	0	2	2	2	1	1	2	1	1	1	1	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	1	1	20
Ci	0	0	1	2	1	1	0	1	2	1	1	2	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	15
Eb																																
Ch	0	0	0	1	1	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	11
SM	0	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	0	16
SF	0	0	1	2	1	1	1	1	2	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	1	24
Ka																																
Ks	0	0	1	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	-	1	1	0	0	0	1	0	0	0	1	1	22
Tu	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	10
ZS																																
DD	0	0	1	2	1	2	1	1	1	1	1	0	0	0	1	0	0	1	1	0	1	1	0	0	0	0	1	0	0	1	1	19
He	0	0	1	2	2	2	1	1	2	1	1	-	-	-	-	0	1	1	1	1	1	1	0	0	0	1	1	0	0	1	1	23
Ta																																
AT																																
Ho	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	7
Te	0	0	0	1	1	1	0	0	1	2	2	2	2	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	14
Al	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	0	1	1	1	0	0	1	1	23
SJ	0	0	1	2	2	2	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	1	1	21
An																																
Ku																																
El	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Hu	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	7
Ap	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	0	0	1	0	0	0	0	1	0	0	1	1	18
Va	1	1	2	2	2	2	2	2	2	2	1	1	2	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	2	2	46
Wa	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	12
Pi	1	0	1	1	1	1	0	1	1	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	1	0	0	0	2	1	15
CT	0	0	0	2	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	13
To	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	0	1	1	0	0	0	0	0	0	0	1	1	18
Am	0	0	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Sums	4	11	37	63	68	66	38	51	61	52	51	41	36	4	22	20	28	49	36	16	30	32	10	8	5	19	17	9	10	50	37	981
No. of 0	42	35	11	0	0	0	13	3	1	6	6	10	16	41	25	29	22	8	13	28	17	15	36	38	41	28	29	37	36	4	14	604
char- 1	4	11	33	27	24	26	28	35	29	28	29	29	22	4	18	14	20	27	30	16	26	28	8	6	3	15	13	7	8	32	23	623
acters 2	0	0	2	18	22	20	5	8	16	12	11	6	7	0	2	3	4	11	3	0	2	2	1	1	1	2	2	1	1	9	7	179

Selected days: Five quiet -- 1, 14, 24, 25, 29
Five disturbed -- 4, 5, 6, 8, 9

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1943
AUGUST--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	2	2	2	2	2	2	2	2	2	0	1	0	2	2	2	2	1	2	1	2	1	0	0	1	1	2	0	2	2	2	2	46
CC	1	1	2	2	2	1	1	2	2	1	0	0	2	2	2	2	1	1	2	2	1	0	0	1	1	0	0	1	2	2	2	39
DI	1	1	1	2	1	1	1	2	1	0	0	0	2	2	1	1	1	2	1	1	0	0	0	0	1	1	0	1	1	2	2	30
MS																																
TI																																
Tr																																
AI																																
So	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	0	2	2	2	1	2	2	2	2	57
We	1	1	1	1	1	0	1	2	1	0	0	0	2	1	1	1	1	2	2	1	0	0	0	0	0	1	0	1	2	2	2	28
Sr	1	1	1	1	1	0	1	2	1	0	0	0	2	1	0	1	1	2	1	1	0	0	0	0	0	1	0	1	2	2	2	26
Do	2	1	1	2	1	1	1	2	2	1	0	1	2	1	1	1	1	2	2	2	1	1	1	2	1	1	1	2	2	2	2	43
Ya	0	1	0	1	0	0	1	1	0	0	0	0	1	1	0	1	0	1	2	1	0	0	0	0	0	0	0	1	2	1	2	17
Le	1	1	1	1	1	1	1	2	2	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	2	2	29
Sl																																
Lo	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2	2	2	2	58
Si	1	1	1	1	1	0	1	2	1	0	0	0	2	1	0	1	1	2	1	1	1	0	0	1	1	1	0	1	1	2	2	28
VD	1	1	1	1	1	0	1	1	0	0	0	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	1	1	1	2	19
RS	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	2	2	57
Za	1	1	1	1	1	1	1	2	1	0	0	0	2	1	1	1	1	2	2	1	1	0	0	1	1	1	0	2	1	2	2	32
KP																																
Es	1	1	1	1	1	1	1	2	2	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	2	2	29
Me	2	2	2	2	2	1	2	2	2	1	1	1	2	1	1	1	2	2	2	2	1	0	1	1	1	2	1	2	2	2	2	48
Sy	2	1	1	2	1	1	2	2	2	0	0	1	2	2	1	2	1	2	2	2	0	0	1	1	0	1	0	2	2	2	2	40
Wi	2	1	2	2	1	2	2	2	2	1	0	2	2	2	2	2	2	2	2	2	2	0	2	2	1	1	0	2	2	2	2	51
Zy	0	1	1	1	0	0	1	-	0	0	0	0	2	1	0	1	0	2	1	2	0	0	0	1	0	0	0	1	2	2	2	21
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	35
Ma																																
Fu	1	1	0	1	1	1	0	2	0	0	0	1	2	2	1	1	1	1	2	2	0	0	0	1	0	0	0	1	2	2	2	28
CF	1	1	1	1	1	1	1	2	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	2	1	2	2	31
OG																																
Na																																
St																																
Ag	1	1	2	1	1	1	1	2	2	1	1	1	2	1	1	2	2	2	1	2	1	1	1	1	2	2	1	2	2	2	2	45
Mt	1	1	1	1	1	1	1	2	1	0	0	0	2	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	2	2	29
Du	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	9
Ke	1	1	1	1	1	1	1	2	1	0	0	0	2	1	0	1	1	2	2	2	0	0	0	1	0	1	0	2	1	2	2	30
Ci	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	2	1	2	2	24
Eb																																
Ch	1	1	1	1	1	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	2	2	24
SM	1	1	1	1	1	1	1	2	1	0	0	0	1	1	1	1	1	1	2	1	1	0	0	1	1	1	0	1	1	1	2	28
SF	1	1	1	1	1	1	1	2	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	2	2	30
Ka																																
Ks	1	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	2	2	30
Tu	1	1	1	1	1	0	0	2	1	0	0	0	1	1	0	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	2	24
ZS																																
DD	1	1	1	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
He	1	1	1	1	1	2	1	2	1	0	0	1	2	2	1	2	1	2	2	2	1	0	1	1	1	1	0	2	2	2	2	39
Ta																																
AT																																
Ho	1	1	1	1	1	0	1	2	1	0	0	0	1	1	0	1	1	1	1	1	1	0	0	1	0	0	0	1	1	2	2	24
Te	2	2	2	2	1	0	2	2	1	0	0	2	2	2	2	2	2	2	2	2	1	0	1	0	0	0	1	2	2	2	2	43
Al	1	1	1	1	1	1	1	2	1	1	0	0	2	1	1	1	1	1	2	1	1	0	0	1	1	1	0	2	1	2	2	32
SJ	1	1	1	1	1	1	1	2	1	0	0	0	2	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	1	2	2	27
An																																
Ku																																
El	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	2	12
Hu	0	0	1	1	0	0	0	1	0	0	0	0	1	0	0	1	0	1	1	1	0	0	0	1	0	0	0	1	1	1	2	14
Ap	1	1	1	1	1	1	1	1	2	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	2	29
Va	1	2	2	2	1	1	1	2	1	1	1	1	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	44
Wa	0	1	1	1	1	0	1	1	1	0	0	0	1	1	0	1	1	1	1	1	0	0	0	1	0	0	0	1	1	1	2	20
Pi	1	0	1	0	0	1	0	2	2	0	0	1	2	0	0	1	1	1	1	1	1	1	1	1	0	0	1	2	1	2	2	27
CT	1	1	1	1	1	0	1	1	1	0	0	0	2	1	1	1	1	1	1	2	0	0	0	1	1	0	0	1	1	2	2	26
To	1	1	1	1	1	1	1	2	1	0	0	0	2	1	1	1	1	2	1	1	1	0	0	1	1	1	0	1	1	2	2	30
Am	0	0	1	1	1	0	0	1	1	0	0	0	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	17
Sums	49	49	53	56	47	37	48	79	52	14	8	23	75	56	41	54	47	66	64	61	33	9	18	41	33	35	10	64	64	82	90	1458
No. of 0	7	5	4	3	6	16	7	0	8	34	39	27	0	2	13	2	6	0	0	1	17	38	31	10	17	16	36	0	0	0	0	345
char- 1	31	35	33	32	35	25	32	13	24	10	6	15	17	32	25	34	33	26	28	29	25	7	12	31	25	25	10	28	28	10	2	718
acters 2	9	7	10	12	6	6	8	33	14	2	1	4	29	12	8	10	7	20	18	16	4	1	3	5	4	5	0	18	18	36	44	370

Selected days: Five quiet -- 10, 11, 22, 23, 27
Five disturbed -- 8, 13, 20, 30, 31

Days recommended for reproduction of magnetograms -- 30, 31

TABLE 1--MAGNETIC CHARACTER-FIGURES, C. 1943
SEPTEMBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	2	2	2	2	2	1	0	1	2	2	2	1	1	2	2	-	1	0	1	1	-	-	-	-	-	-	-	-	-	-	-	27
CC	2	2	2	2	1	1	0	1	1	2	1	1	2	1	1	1	0	0	1	0	-	-	-	-	-	-	-	-	-	-	-	22
Di	1	2	2	1	1	0	0	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	0	0	0	1	2	2	2	2	2	27
MS																																
Ti																																
Tr																																
Ai																																
So	2	2	2	2	2	1	0	2	2	2	2	2	2	2	2	2	1	2	1	1	2	2	1	1	1	2	2	2	2	2		51
We	2	1	2	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	2	1	2	2	2		24
Sr	1	1	2	1	0	0	0	1	1	1	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	1	1	1	2	2		19
Do	2	2	2	1	1	1	0	2	1	1	2	1	1	1	1	1	1	1	0	1	1	1	1	0	1	2	2	2	2	2		37
Ya	1	1	1	1	0	0	1	0	1	1	1	0	1	1	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	2		19
Le	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	1	1	1	1	2		23
Sl																																
Lo	2	2	2	2	2	1	0	2	2	2	2	2	2	2	2	2	1	2	1	1	2	2	1	1	1	2	2	2	2	2		51
Si	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	1	1	2	2		22
VD	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	2	1		20
RS	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	1	1	2	1	1	2	2	1	1	1	2	2	2	2	2		51
Za	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	2	2	2	2	2		31
KP																																
Es	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	1	1	1	1	2	2		25
Me	2	2	2	1	2	1	1	1	2	2	1	1	2	2	1	1	1	1	1	0	2	1	1	1	2	2	2	2	2	2		44
Sy	2	1	2	2	1	0	0	2	2	2	1	2	2	2	1	0	0	1	0	0	1	1	0	0	0	2	2	2	2	2		35
Wi	2	2	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	2	1	1	2	2	1	1	1	2	2	2	2	2		49
Zy	2	1	2	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2		16
Ni																																
Nz																																
Ab	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2		35
Ma																																
Fu	1	1	2	1	1	0	0	2	2	1	1	0	1	0	1	0	0	0	0	0	1	0	0	0	0	1	2	1	2	2		23
CF	1	1	1	1	1	1	0	2	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	2	2	2	2	2		32
OG																																
Na																																
St																																
Ag	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	2	2	2		39
Mt																																
Du	1	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1		10
Ke	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1		17
Cl	1	1	1	1	1	0	0	1	1	1	0	1	0	1	1	0	0	0	1	1	0	0	0	0	1	1	1	1	1	2		20
Eb																																
Ch	1	1	1	1	1	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1		17
SM	1	2	1	1	1	0	0	1	1	1	1	1	1	1	0	1	0	0	1	0	1	1	1	0	1	1	2	1	1	1		25
SF	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	2	2	2	2	2		32
Ka																																
Ks	1	1	2	1	1	0	0	1	-	-	-	1	1	1	1	1	1	1	1	1	1	1	0	0	1	2	1	2	2	-		26
Tu	1	1	1	1	1	0	0	1	1	1	1	0	1	1	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	2		19
ZS																																
DD																																
He	2	2	2	1	1	0	0	2	1	1	1	1	1	1	1	1	1	0	1	-	-	-	-	0	2	2	2	2	2	2		32
Ta																																
AT																																
Ho	1	0	1	1	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	1	1	0	0	0	1	1	1	2	2		16
Te	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	2	2		15
Al	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	2	1	1	2	2	2		29
SJ	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	1	2	1	2		21
An																																
Ku																																
El	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1		7
Hu	1	1	1	1	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1		15
Ap	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	-	0	1	1	1	0	1	1	1	-	-	-		19
Va	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2		35
Wa	1	1	1	1	1	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1		18
Pl	0	0	1	1	0	0	0	1	1	1	0	1	1	1	0	0	1	1	1	1	1	0	0	1	2	1	1	1	1	2		22
CT	1	1	2	1	1	0	0	1	2	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	2	2	2	2		25
To	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	2		26
Am	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1		9
Sums	56	54	64	51	39	16	7	48	53	49	41	40	47	44	28	22	16	19	19	12	42	37	18	9	28	56	59	61	69	73		1177
No. of 0	3	3	0	2	11	29	38	7	2	4	9	10	5	8	21	24	29	30	25	32	5	9	24	34	19	1	1	0	0	0		385
char- 1	28	30	26	35	29	16	7	28	31	31	29	30	33	30	20	18	16	11	19	12	32	29	18	9	20	28	25	23	15	9		687
acters 2	14	12	19	8	5	0	0	10	11	9	6	5	7	7	4	2	0	4	0	0	5	4	0	0	4	14	17	19	27	32		245

Selected days: Five quiet -- 7, 16, 18, 20, 24
Five disturbed -- 3, 26, 28, 29, 30

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1943
OCTOBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	2	2	2	2	0	0	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	1	0	2	2	2	1	2	2	2	2	32
CC	2	2	2	2	1	1	1	2	2	1	1	1	1	0	0	0	1	1	1	1	0	1	1	2	2	2	2	2	2	2	-	39
Di	1	2	2	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	0	1	0	1	1	1	1	2	2	2	2	1	-	28
MS																																
Ti																																
Tr																																
Ai																																
So	1	2	2	2	2	2	2	1	0	1	2	2	2	2	2	2	2	2	2	2	2	0	0	0	1	2	1	2	2	2	2	49
We	2	1	2	1	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	1	0	2	1	2	1	2	2	1	2	25
Sr	1	2	2	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	1	2	1	1	1	1	1	20
Do	2	2	2	1	1	0	2	2	2	1	1	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Ya	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	1	1	1	1	0	16
Le	2	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	1	0	1	2	1	1	1	1	1	1	22
Sl																																
Lo	2	2	2	1	1	0	2	2	2	2	1	1	1	2	0	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	48
Si	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	18
VD	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	2	1	1	1	1	1	18
RS	2	2	2	2	1	0	2	2	2	2	2	2	1	1	0	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	50
Za	2	2	2	1	1	0	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	1	1	2	2	2	1	2	2	2	1	33
KP																																
Es	1	2	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	1	0	1	1	2	1	1	1	1	2	23
Me	2	2	2	2	1	1	1	2	2	1	1	1	1	0	0	0	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	43
Sy	2	2	2	2	1	0	2	2	2	2	1	1	0	0	0	0	1	0	0	2	0	2	1	2	2	2	2	2	2	2	2	41
Wi	2	2	2	2	1	0	2	2	2	2	1	2	0	1	0	1	1	1	0	2	1	2	2	2	2	2	2	2	2	2	2	47
Zy	2	2	2	1	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	1	0	1	0	2	1	2	1	1	1	2	1	25
Ni																																
Nz																																
Ab	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	38
Ma																																
Fu	2	2	2	-	0	0	1	1	2	1	1	0	0	0	0	0	0	0	0	1	0	1	0	2	2	2	2	2	2	2	1	29
CF	2	2	2	1	1	0	1	1	2	2	1	1	0	0	0	0	1	1	0	2	1	1	1	2	2	2	2	2	2	1	2	38
OG																																
Na																																
St																																
Ag	2	1	2	1	1	1	1	1	2	1	1	1	1	0	0	0	1	0	1	1	1	1	1	2	2	2	2	2	2	1	2	37
Mt																																
Du	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	-	1	0	1	0	1	1	1	1	1	0	12
Ke	1	1	1	1	0	0	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	2	1	1	1	1	1	21
Cl	1	1	2	0	0	0	1	1	2	1	0	1	0	0	0	0	0	0	0	1	0	1	0	1	1	2	2	1	1	1	1	22
Eb																																
Ch	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	16
SM	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	2	1	1	1	1	1	19
SF	1	2	1	1	0	0	1	1	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	1	2	2	1	1	1	2	31
Ka																																
Ks	1	1	1	1	1	0	1	1	1	1	1	-	0	0	0	0	1	0	1	1	0	1	1	2	1	1	1	1	1	1	1	24
Tu	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	15
ZS																																
DD																																
He	2	2	2	1	1	0	1	2	2	2	1	1	0	0	0	0	1	0	1	2	1	2	1	2	2	2	2	-	2	2	2	39
Ta																																
AT																																
Ho	1	2	2	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	1	1	1	1	20
Te	0	2	1	1	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	15
Al	1	1	1	1	1	0	1	1	2	1	1	1	0	0	0	0	1	0	1	1	0	1	0	2	1	2	1	1	1	1	1	26
SJ	2	2	1	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	2	2	1	1	1	1	23
An																																
Ku																																
El	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	1	0	1	12
Hu	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	14
Ap	1	1	1	1	0	0	1	1	-	1	1	0	0	0	0	0	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	18
Va	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	1	1	1	1	42
Wa	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	16
Pi	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	0	1	13
CT	1	2	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	1	2	1	2	2	2	2	25
To	1	1	1	1	0	0	1	1	2	1	1	0	1	0	0	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	24
Am	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	9
Sums	62	68	66	44	17	7	41	54	65	44	28	23	11	8	3	8	21	12	14	36	13	45	21	66	58	74	57	57	60	55	53	1191
No. of 0	1	1	1	7	29	39	10	1	1	9	19	24	35	39	43	38	24	33	31	16	31	5	26	2	3	0	3	2	1	2	3	479
char- 1	26	20	22	30	15	5	29	34	21	28	24	17	9	4	1	6	19	10	12	20	11	33	15	18	24	14	25	25	26	29	25	597
acters 2	18	24	22	7	1	1	6	10	22	8	2	3	1	2	1	1	1	1	1	8	1	6	3	24	17	30	16	16	17	13	14	297

Selected days: Five quiet -- 6, 14, 15, 16, 18
Five disturbed -- 1, 2, 3, 9, 26

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1943
NOVEMBER--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	2	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	1	2	2	2	2	2	2	2	2	2	1	2	0		29
CC	2	1	1	0	1	2	2	2	1	2	0	1	1	1	0	1	0	1	2	2	2	1	2	2	2	1	1	1	1	-		36
Di	1	1	0	0	0	0	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	1	1	1	1	0		22
MS																																
Ti																																
Tr																																
Ai																																
So	1	2	2	1	2	1	1	2	1	2	2	1	2	2	1	2	1	1	1	2	1	1	2	2	2	2	2	2	2	1		47
We	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	2	1	2	2	2	1	1	0		21
Sr	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	2	1	2	2	2	1	1	0		20
Do	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		--
Ya	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	2	2	2	1	2	1	1	0		19
Le	1	0	0	0	1	1	1	1	0	1	0	0	0	0	0	1	0	0	1	1	1	1	2	1	1	2	1	1	1	0		20
Sl																																
Lo	2	1	1	1	1	2	2	1	1	2	0	1	1	1	0	2	0	1	2	2	2	2	2	2	2	2	2	2	2	2		44
Si	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1	0		17
VD	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	2	2	2	2	2	1	1	0		21
RS	2	1	1	1	1	2	2	1	1	2	0	1	1	1	0	2	0	1	2	2	2	2	2	2	2	2	2	2	2	1		43
Za	2	0	0	0	1	2	1	1	1	0	0	0	0	0	0	1	0	1	2	2	2	2	2	2	2	2	2	1	1	1		31
KP																																
Es	1	0	0	0	1	1	1	1	0	1	0	0	0	0	0	1	0	1	2	1	1	1	2	1	1	2	1	1	1	0		22
Me	2	1	1	0	1	1	2	1	1	1	0	1	0	1	1	1	0	1	2	2	2	2	2	2	2	2	2	2	2	1		39
Sy	2	0	1	0	1	2	1	0	1	1	0	0	0	0	0	1	0	0	2	2	2	1	2	2	2	2	2	2	2	1		32
Wi	2	0	1	1	1	2	2	1	1	2	0	1	1	0	0	1	0	1	2	2	2	2	2	2	2	2	2	2	2	1		40
Zy	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	2	2	2	2	1	1	0		20
Ni																																
Nz																																
Ab	1	1	1	1	1	2	1	1	1	1	0	1	1	1	1	1	0	1	2	2	1	1	2	2	2	2	1	1	1	1		35
Ma																																
Fu	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	2	2	2	2	2	2	2	2	1	1	1	0		23
CF	1	0	0	0	1	2	1	1	0	1	0	0	0	0	0	1	0	0	2	2	2	2	2	2	2	2	2	1	1	0		28
OG																																
Na																																
St																																
Ag	1	1	1	0	1	1	1	1	1	1	0	0	0	1	0	1	0	1	2	2	2	1	1	2	2	2	2	1	1	1		31
Mt																																
Du	1	-	0	0	-	1	0	-	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0		11
Ke	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	2	2	2	2	1	1	0		20
Ci	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	2	1	1	1	1	1	2	0	-	0	1	0		15
Eb																																
Ch	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0		13
SM	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	2	2	2	1	1	1	2	2	2	1	1	0		24
SF	1	0	0	0	1	2	1	1	1	0	0	0	0	0	0	1	0	1	2	2	2	1	2	2	1	2	2	1	1	1		28
Ka																																
Ks	1	0	0	0	1	2	1	1	1	1	0	0	1	0	0	1	0	1	2	1	1	1	1	1	1	2	1	1	1	0		24
Tu	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0		13
ZS																																
DD																																
He	2	0	0	0	2	-	-	-	0	1	0	0	0	0	1	1	0	0	2	2	2	1	2	2	2	2	2	2	2	0		28
Ta																																
AT																																
Ho	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	2	2	2	1	2	1	1	0		20
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0		13
Al	1	0	0	0	1	1	1	1	0	1	0	1	0	0	0	1	0	1	2	2	1	1	1	1	1	1	1	1	1	0		22
SJ	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	2	1	2	1	1	1	1	0		19
An																																
Ku																																
El	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0		9
Hu	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	0	0	0		12
Ap	1	0	0	-	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	1	1	1	1	1	1	0		12
Va	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1		32
Wa	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1	0		16
Pi	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	1	0	2	0	1	1	0	0		16
CT	1	0	0	0	1	2	1	0	0	0	0	0	0	0	0	1	0	0	2	1	2	1	2	1	2	2	1	1	1	0		22
To	1	0	0	0	1	1	1	1	1	0	0	1	0	0	0	1	0	1	2	1	2	1	2	1	1	1	2	1	1	1		25
Am	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	0	0	0	0		7
Sums	52	10	11	6	27	54	29	24	17	22	3	10	9	9	7	29	5	20	(77)	66	66	50	68	64	(71)	66	62	46	48	13		1041
No. of 0	4	34	34	37	18	4	19	20	27	27	42	34	36	36	37	18	39	24	0	0	0	3	2	1	0	2	2	5	4	31		540
char- 1	28	8	9	6	23	24	19	20	17	12	1	10	7	7	7	23	5	20	11	22	22	32	16	22	17	18	20	32	32	11		501
acters 2	12	1	1	0	2	15	5	2	0	5	1	0	1	1	0	3	0	0	33	22	22	9	26	21	27	24	21	7	8	1		270

Selected days: Five quiet -- 11, 13, 14, 15, 17
Five disturbed -- 19, 20, 25, 26, 27

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1943
DECEMBER--Concluded

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	1	1	2	0	0	0	0	1	26
CC											0	0	0	1	0	2	2	2	2	-	0	1	1	2	2	2	2	2	2	2	-	25
Di	1	1	2	2	1	0	0	0	0	0																						7
MS																																
Ti																																
Tr																																
Ai																																
So	2	1	2	2	0	1	2	2	2	2	2	1	1	1	1	1	0	0	0	1	2	1	2	2	1	2	1	0	1	0	2	38
We	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	2	1	1	2	1	0	0	0	0	-	0	0	0	0	0	0	10
Sr	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0	0	0	1	-	14
Do	0	0	0	1	0	1	2	2	1	1	0	0	0	1	1	2	2	1	2	2	2	2	1	1	1	1	1	0	0	0	2	30
Ya	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	2	1	1	2	2	1	0	0	0	0	0	0	0	0	0	1	13
Le	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	1	1	2	1	1	1	1	0	0	1	0	0	0	0	1	17
Sl																																
Lo	2	2	2	2	1	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	1	0	2	1	2	46
Si	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	1	14
VD	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	1	13
RS	2	2	2	2	1	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2	1	0	2	1	2	45
Za	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	2	2	1	2	2	1	1	1	1	1	1	1	0	0	0	1	22
KP																																
Es	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	1	1	2	1	1	1	1	0	0	1	0	0	0	0	1	17
Me	1	1	1	1	1	0	1	1	1	1	1	0	0	1	0	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	31
Sy	1	2	2	2	1	0	0	0	1	1	0	0	0	2	1	2	2	2	2	2	2	2	1	0	1	2	0	0	1	0	2	34
Wi	1	2	2	2	1	0	0	1	1	1	0	0	0	2	2	2	2	2	2	2	2	2	2	1	1	2	0	0	1	0	2	38
Zy	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	2	2	1	1	1	0	0	1	0	0	0	0	1	15
Ni																																
Nz																																
Ab	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	0	1	1	1	29
Ma																																
Fu	0	1	2	1	1	0	0	0	0	0	0	0	0	1	0	2	2	2	2	2	1	1	1	0	0	1	0	0	0	0	1	21
CF	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	2	1	1	2	1	2	1	1	0	0	1	0	0	1	0	1	21
OG																																
Na																																
St																																
Ag	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	26
Mt																																
Du	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	7
Ke	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	1	0	0	1	0	0	0	0	1	14
Ci	0	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0	0	1	0	0	0	1	1	1	0	0	1	14
Eb																																
Ch	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	8
SM	1	1	1	1	1	0	0	0	0	1	0	0	0	1	0	2	2	0	1	1	1	1	0	0	1	1	0	0	0	0	0	17
SF	1	2	1	1	1	0	0	0	0	1	0	0	0	1	1	2	1	1	2	1	1	1	1	0	1	1	0	0	1	1	1	24
Ka																																
Ks	1	1	1	1	1	0	0	0	1	1	0	0	0	2	-	2	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	26
Tu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	5
ZS																																
DD																																
He	1	2	2	1	1	0	0	0	0	1	0	0	0	2	1	2	2	2	2	2	2	1	0	0	0	2	0	0	0	0	2	28
Ta																																
AT																																
Ho	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	8
Te	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	9
Al	1	1	1	1	1	0	0	0	1	1	0	0	0	1	0	2	1	1	1	1	1	1	1	0	1	1	0	0	1	0	1	21
SJ	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	9
An																																
Ku																																
El	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	5
Hu	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	7
Ap	0	1	1	1	1	0	-	-	1	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	13
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	33
Wa	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	9
Pi	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0	1	0	1	0	0	0	1	1	14
CT	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1	1	2	1	1	1	0	0	0	1	0	0	0	0	0	14
To	1	1	1	1	1	0	1	0	1	1	0	0	0	1	0	2	1	1	2	2	1	1	1	1	1	1	1	0	1	0	1	26
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	4
Sums	23	40	47	42	25	3	7	11	15	17	6	5	7	30	19	71	56	46	66	55	46	38	30	17	20	40	14	6	18	12	35	867
No. of 0	24	10	6	9	19	41	38	34	30	28	39	39	37	20	27	0	2	6	2	1	7	12	19	30	24	12	31	39	29	33	14	662
char- 1	17	28	29	28	25	3	3	7	13	15	4	5	7	18	13	17	28	30	18	29	28	26	20	11	18	24	12	4	12	10	21	523
acters 2	3	6	9	7	0	0	2	2	1	1	1	0	0	6	3	27	14	8	24	13	9	6	5	3	1	8	1	1	3	1	7	172

Selected days: Five quiet -- 6, 11, 12, 13, 28
Five disturbed -- 3, 16, 17, 19, 20

Days recommended for reproduction of magnetograms — None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1944
JANUARY

Observatory	Day																															Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	18
CC	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	-	1	1	0	0	1	1	1	1	0	0	-	29
Di	1	1	0	0	1	0	0	1	0	1	1	1	2	2	2	1	2	1	1	1	0	0	0	0	0	1	1	1	0	0	1	23
MS	1	0	0	0	0	1	0	0	0	0	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	1	1	0	0	1	-	19
Ti																																
Tr																																
Al																																
So	2	1	0	1	2	1	1	1	1	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	2	2	2	1	1	1	2	45
We	1	0	0	0	0	1	0	0	0	0	1	1	1	1	-	1	-	-	0	0	0	0	0	0	0	0	0	0	0	0	-	7
Sr	1	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1	0	1	0	0	0	0	0	0	0	0	1	0	-	0	0	14
Do	2	1	0	0	0	1	2	1	0	2	2	2	2	2	2	1	2	2	1	1	0	1	1	0	1	1	1	1	0	0	1	33
Ya																																
Le	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	15
Sl																																
Lo	2	2	0	1	2	1	0	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	2	45
Si	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	10
VD	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	10
RS	2	1	0	2	2	1	0	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	43
Za	1	0	0	0	1	0	0	1	0	1	1	1	1	2	2	1	1	1	1	1	1	0	0	0	0	1	1	1	0	1	1	22
KP																																
Es	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	15
Me	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	37
Sy	2	0	0	0	2	1	0	0	1	2	2	2	2	2	2	2	2	2	2	1	0	1	0	0	1	2	1	0	0	0	1	33
Wi	2	1	0	1	2	1	0	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	0	1	41
Zy	1	0	0	0	0	0	0	0	0	1	2	1	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Ni																																
Nz																																
Ab	1	1	0	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	31
Ma																																
Fu	1	0	0	0	1	0	0	0	0	1	2	1	2	2	2	2	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	18
CF	2	0	0	0	1	0	0	0	0	2	2	1	2	2	2	1	1	1	1	1	0	1	1	0	1	1	1	1	0	0	0	25
OG																																
Na																																
St																																
Ag	1	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	24
Mt	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	18
Du	2	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Ke	1	0	0	0	0	0	0	0	0	1	2	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Ci	1	0	0	0	1	0	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
SM	1	0	0	0	1	0	0	0	0	0	1	1	2	2	1	2	2	2	1	0	0	0	0	0	0	1	0	1	0	0	0	18
SF	1	0	0	0	1	0	0	0	1	1	1	1	2	2	2	1	1	1	1	0	0	0	1	1	0	1	1	0	0	0	1	21
Ka																																
Ks	1	1	0	0	0	1	0	0	1	2	2	1	1	2	1	2	1	1	1	1	0	1	0	1	1	1	1	1	0	0	0	25
Tu	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
ZS																																
DD																																
He	2	0	0	0	2	0	0	0	0	1	2	1	2	2	2	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	21
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Te	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	2	0	0	0	0	0	21
Al	1	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	1	17
SJ	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
An																																
Ku																																
El	1	0	0	0	0	0	-	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	5
Hu	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Ap	1	0	0	0	1	-	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	1	1	0	0	0	0	15
Va	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	37
Wa	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Pi	1	0	0	1	0	0	0	1	0	2	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0	1	15
CT	1	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	11
To	1	1	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	1	1	1	1	0	0	19
Am	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Sums	50	13	3	10	30	16	7	13	12	41	66	55	66	68	59	54	47	41	30	21	10	13	12	13	15	37	30	18	10	6	16	882
No. of 0	6	34	43	37	22	29	39	33	34	15	0	4	1	2	3	4	9	12	21	24	36	33	34	33	32	16	18	28	35	40	29	706
char- 1	30	11	3	8	18	16	5	13	12	21	26	29	24	20	25	30	25	25	20	21	10	13	12	13	13	21	26	18	10	6	12	536
acters 2	10	1	0	1	6	0	1	0	0	10	20	13	21	24	17	12	11	8	5	0	0	0	0	0	1	8	2	0	0	0	2	173

Selected days: Five quiet -- 3, 4, 6, 7, 30
Five disturbed -- 11, 13, 14, 15, 16

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1944
FEBRUARY--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	0	0	0	0	0	0	2	2	2	2	1	1	1	1	2	1	0	0	0	1	1	0	0	0	0	0	0	0	0			17
CC	1	1	0	1	1	0	2	2	2	2	2	1	1	2	2	1	1	0	0	1	1	0	1	0	0	0	0	0	1			26
Di	1	0	0	1	1	0	2	2	2	2	1	1	1	2	2	1	0	0	0	1	1	0	0	0	0	0	0	0	1			22
MS	0	0	0	0	0	0	2	2	1	1	1	1	0	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0			13
Ti																																
Tr																																
Ai																																
So	1	1	1	2	1	1	2	2	2	2	1	1	2	2	2	1	1	0	0	2	2	1	1	1	0	0	0	1	1			34
We	0	0	0	0	0	0	2	-	-	-	1	0	0	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0			7
Sr	0	0	0	0	0	0	2	1	1	1	1	0	0	2	1	-	0	0	0	1	0	0	0	0	0	0	0	0	0			10
Do	1	1	0	1	1	1	2	2	1	2	1	1	1	2	2	0	0	1	0	2	0	0	0	0	0	0	1	1	1			25
Ya																																
Le	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0			12
Sl																																
Lo	1	1	0	2	1	0	2	2	2	2	2	1	2	2	2	1	1	0	0	2	1	1	1	1	0	1	0	1	1			33
Si	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0			10
VD	0	0	0	0	0	0	2	1	1	1	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0			9
RS	1	1	0	1	1	1	2	2	2	2	2	1	2	2	2	1	1	0	0	2	2	0	1	1	0	0	0	1	1			32
Za	0	0	0	1	1	0	2	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0			14
KP																																
Es	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0			12
Me	1	1	0	1	1	1	2	1	2	2	2	1	1	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1			35
Sy	0	0	0	1	0	0	2	2	2	2	2	1	2	2	2	0	0	0	0	2	1	0	0	0	0	0	0	0	1			22
Wi	0	0	0	1	1	0	2	2	2	2	1	1	2	2	2	1	1	0	0	2	1	1	1	1	0	0	0	0	1			27
Zy	0	0	0	0	0	0	2	1	1	1	1	1	0	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0			11
Ni																																
Nz																																
Ab	1	1	0	1	1	1	2	1	1	1	1	1	1	2	1	1	1	0	0	1	1	1	1	1	1	0	1	1	1			27
Ma																																
Fu	0	0	0	0	0	0	2	2	2	1	1	0	1	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0			13
CF	0	0	0	1	1	0	2	1	1	1	1	1	1	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1			15
OG																																
Na																																
St																																
Ag	0	1	0	1	0	0	2	1	1	1	1	1	1	2	1	1	0	0	0	1	1	0	1	0	0	0	0	0	1			18
Mt	-	2	1	0	0	2	1	1	1	1	1	1	2	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0			17
Du	0	0	0	0	0	0	2	1	0	1	0	0	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0			8
Ke	0	0	0	0	0	0	2	1	1	1	1	0	0	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0			10
Ci	0	0	0	0	0	0	2	1	0	0	0	1	1	1	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0			10
Eb																																
Ch	0	0	0	0	0	0	1	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			5
SM	0	0	0	1	0	0	2	1	1	1	1	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1			14
SF	0	0	0	0	0	0	2	2	1	1	1	1	1	2	1	1	0	0	0	1	1	1	0	0	0	1	1	1	1			20
Ka																																
Ks	0	0	0	2	1	0	2	2	2	2	1	1	2	2	2	0	0	-	0	2	1	1	1	-	0	0	0	-	1			25
Tu	0	0	0	0	0	0	1	1	1	1	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0			7
ZS																																
DD																																
He	0	0	0	1	0	0	2	2	1	0	1	0	2	2	1	0	1	0	0	2	0	0	0	1	0	0	0	0	1			17
Ta																																
AT																																
Ho	0	0	0	0	0	0	2	2	1	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			9
Te	0	0	0	0	0	0	2	2	2	2	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0			13
Al	0	0	0	0	0	0	2	1	1	1	1	0	1	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0			11
SJ	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			7
An																																
Ku																																
El	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0			3
Hu	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0			5
Ap	0	0	0	1	0	0	1	1	1	1	-	1	1	2	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1			13
Va	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			30
Wa	0	0	0	0	0	0	2	1	1	1	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0			9
Pi	1	0	0	0	1	0	2	1	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0			8
CT	0	0	0	0	0	0	2	1	1	1	1	0	1	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0			11
To	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1			15
Am	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			2
Sums	10	12	4	22	14	8	80	59	52	50	43	28	38	74	49	15	9	5	4	48	20	8	10	9	4	4	5	10	19			713
No. of 0	35	35	42	27	32	39	0	2	5	7	7	18	16	0	9	30	37	40	42	7	28	38	36	36	42	42	41	35	27			755
char- 1	10	10	4	16	14	6	12	27	28	26	33	28	22	18	25	15	9	5	4	30	16	8	10	9	4	4	5	10	19			427
acters 2	0	1	0	3	0	1	34	16	12	12	5	0	8	28	12	0	0	0	0	9	2	0	0	0	0	0	0	0	0			143

Selected days: Five quiet -- 3, 18, 24, 25, 27
Five disturbed -- 7, 8, 9, 14, 15

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1944
MARCH--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	0	1	1	2	2	1	2	2	1	2	2	2	0	1	0	1	1	0	2	2	1	2	1	-	-	-	-	-	-	29
CC																																
DI	0	1	0	1	1	2	2	1	2	2	1	2	1	1	0	1	0	1	1	0	1	1	1	0	1	1	2	2	2	2	1	34
MS	1	1	1	1	1	1	1	1	2	2	1	2	1	1	0	0	0	1	1	0	0	0	0	-	0	0	1	2	2	1	0	25
Ti																																
Tr																																
Ai																																
So	1	2	0	2	1	2	2	2	2	2	2	2	2	1	1	1	0	2	2	1	2	1	2	0	1	2	2	2	2	2	2	48
We	0	0	0	1	0	1	1	1	1	2	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	2	2	0	0	1	-	15
Sr	0	0	0	1	0	1	2	1	1	2	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	2	2	0	0	0	0	18
Do	0	1	0	2	1	2	2	1	2	2	1	2	1	1	1	0	0	2	2	1	1	1	0	0	0	1	2	2	2	1	1	35
Ya	0	0	0	1	0	1	2	1	1	2	1	1	1	1	0	0	0	0	1	0	0	0	1	0	1	1	2	1	1	0	0	20
Le	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	2	0	0	1	1	0	1	1	2	1	1	1	1	25
Sl																																
Lo	0	2	0	2	1	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	1	1	2	0	2	2	2	2	2	2	2	49
Si	0	0	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	15
VD	0	0	0	1	1	1	1	1	1	2	0	1	1	1	0	0	0	1	1	0	0	0	0	0	1	1	2	1	1	0	0	19
RS	1	2	0	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	2	1	2	0	2	2	2	2	2	2	1	51
Za	0	1	0	1	1	1	2	1	1	2	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	2	1	1	1	1	29
KP																																
Es	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	2	0	0	1	1	0	1	1	2	1	1	1	1	25
Me	1	1	0	2	1	2	2	1	2	2	2	1	1	1	1	1	0	1	2	1	1	1	1	0	1	2	2	1	2	1	1	38
Sy	-	2	0	2	0	2	2	2	2	2	2	2	1	1	0	0	0	2	2	0	1	1	1	0	1	2	2	1	2	1	1	37
Wi	0	2	0	2	1	2	2	2	2	2	2	2	2	2	1	1	0	2	2	1	1	1	2	0	2	2	2	2	2	2	1	47
Zy	0	0	0	1	0	1	1	1	1	2	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	2	2	0	0	0	0	15
Nl																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	0	1	2	1	1	1	1	0	1	1	2	1	1	1	1	33
Ma																																
Fu	0	0	0	1	1	1	2	1	2	2	1	1	1	0	0	0	0	1	1	0	0	0	1	0	1	2	1	1	1	0	1	23
CF	0	1	0	1	1	1	2	1	1	2	1	1	1	1	0	0	0	1	1	0	1	1	1	0	1	1	2	1	1	1	0	26
OG																																
Na																																
St																																
Ag	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	1	2	1	1	1	1	0	1	2	2	1	1	1	1	33
Mt	0	0	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	0	1	2	2	1	1	0	0	20
Du	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	-	0	0	0	0	0	0	1	1	0	0	0	0	4
Ke	0	0	0	2	0	1	2	1	1	2	1	1	1	0	0	0	0	1	1	0	0	0	0	0	1	2	2	0	0	0	0	19
Ci	0	0	0	2	0	1	1	1	1	1	0	2	1	0	0	0	0	1	1	0	1	0	1	0	1	2	2	1	1	2	0	23
Eb																																
Ch	0	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	9
SM	0	0	0	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	1	0	0	1	0	0	1	1	2	1	1	1	1	22
SF	0	1	0	1	1	1	1	1	1	1	1	2	1	1	0	1	0	2	1	1	1	1	1	0	1	2	2	1	1	1	1	30
Ka																																
Ks	0	1	0	2	2	-	2	1	1	2	1	2	1	2	0	1	0	2	2	2	1	1	2	0	2	-	2	1	1	1	0	35
Tu	0	0	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2	0	1	0	0	12
ZS																																
DD																																
He	0	2	0	2	1	2	2	2	2	2	1	2	1	1	0	0	0	2	2	0	1	1	1	0	1	2	2	2	1	1	0	36
Ta																																
AT																																
Ho	0	0	0	1	0	2	2	1	1	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
Te	0	0	1	2	2	2	2	2	2	2	2	2	2	1	0	0	0	2	2	2	2	2	0	0	2	2	2	2	2	2	2	46
Al	1	0	0	2	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	0	1	1	1	1	1	1	1	22
SJ	0	0	0	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	0	0	1	2	2	0	1	0	0	17
An																																
Ku																																
El	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	-	0	0	1	1	1	0	0	0	0	8
Hu	0	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	9
Ap	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	0	0	1	1	2	1	1	1	1	23
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	1	1	1	1	35
Wa	0	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2	0	1	0	0	12
Pi	1	0	0	2	0	0	1	1	0	1	0	1	0	0	0	0	0	2	2	0	0	1	0	0	1	1	2	1	1	1	0	19
CT	0	0	0	2	0	1	1	1	1	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	1	2	2	0	1	0	0	16
To	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	0	0	0	2	2	1	1	1	1	24
Am	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	5
Sums	10	26	5	60	28	53	63	48	56	72	40	56	42	35	9	13	1	48	57	18	23	29	26	3	38	63	79	40	45	34	24	1144
No. of 0	35	26	41	1	21	4	2	5	3	0	13	4	9	15	36	32	44	9	2	31	26	17	24	42	13	1	0	13	9	17	22	517
char- 1	10	14	5	30	22	29	25	34	30	20	26	26	30	25	9	13	1	24	27	10	15	25	16	1	26	21	9	22	25	20	18	608
acters 2	0	6	0	15	3	12	19	7	13	26	7	15	6	5	0	0	0	12	15	4	4	2	5	1	6	21	35	9	10	7	3	268

Selected days: Five quiet -- 1, 3, 15, 17, 24
Five disturbed -- 7, 10, 19, 26, 27

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1944
APRIL--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT																																
CC	1	2	2	2	2	2	2	2	1	1	1	1	0	0	0	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0		23
DI	1	2	1	2	2	2	1	1	1	1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	1	1	1	0	0	1		21
MS	0	2	1	1	2	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		10
TI																																
Tr																																
AI																																
So	2	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	1	1	1	0	0	1	2	2	2	1	1	2		46
We	0	2	0	1	1	2	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0		9
Sr	0	2	0	1	1	1	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1		9
Do	2	2	1	2	2	2	2	1	2	1	1	1	1	0	1	2	1	0	0	0	0	0	0	0	1	0	1	1	0	1		28
Ya	0	2	1	1	1	1	1	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1		11
Le	1	2	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	1	1	1		19
Sl																																
Lo	2	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	1	1	1	0	1	0	0	1	2	1	2	1	1	2		42
Si	0	2	1	1	1	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1		12
VD	1	2	0	1	1	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		10
RS	2	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	1	1	1	0	1	0	0	1	1	1	2	1	1	2		41
Za	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1		22
KP																																
Es	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1		21
Me	1	2	1	1	1	2	1	2	1	2	1	1	0	0	1	2	1	1	0	1	1	0	0	1	1	1	1	1	1	2		31
Sy	2	2	2	2	2	2	2	2	2	1	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	1	1	1	1	1		28
Wi	2	2	1	2	2	2	2	2	2	2	2	2	0	0	1	2	1	1	0	0	0	0	0	1	1	1	1	1	1	2		36
Zy	0	2	0	1	1	1	0	1	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0		9
Ni																																
Nz																																
Ab	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	1	1	0	0	1	1	1	1	1	1	1		28
Ma																																
Fu	1	2	1	2	2	2	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	1	1	1		22
CF	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1		23
OG																																
Na																																
St																																
Ag	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	2	1	1	0	1	0	0	0	1	1	1	1	1	1	1		26
Mt	0	2	1	1	1	1	1	0	1	1	1	0	0	0	-	2	1	0	0	0	0	0	0	0	1	0	0	1	1	1		17
Du	1	2	0	0	1	1	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1		12
Ke	1	2	1	1	1	1	0	0	1	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1		13
Ci																																
Eb																																
Ch	0	1	1	1	1	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1		9
SM	0	2	1	1	1	1	1	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1		14
SF	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	2	1	1	0	0	0	0	0	1	1	1	1	1	1	1		25
Ka																																
Ks	2	-	-	2	1	1	1	2	2	2	2	1	0	0	2	2	1	1	0	0	1	0	0	2	1	1	1	2	2	2		34
Tu	0	2	1	1	1	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	1	0	1		14
ZS																																
DD																																
He	2	2	1	1	2	2	1	2	2	1	1	0	0	0	2	2	0	1	0	0	0	0	0	1	1	0	1	1	1	0		27
Ta																																
AT																																
Ho	-	-	-	-	-	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2		6
Te	1	2	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0		8
Al	1	2	1	1	1	1	0	1	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1		19
SJ	0	2	1	1	1	1	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	1	1	1		15
An																																
Ku																																
El	0	2	1	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	-	0	0	-	0	0	0	-	0	0		7
Hu	0	2	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6
Ap	1	2	1	1	1	1	1	1	1	1	0	1	0	-	1	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1		18
Va	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		31
Wa	0	2	1	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1		9
Pi	1	2	1	0	0	0	1	0	1	1	0	1	0	0	1	1	1	1	0	0	0	0	0	1	0	0	0	1	1	0		15
CT	0	2	1	1	1	1	1	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	1	0	0	0	0	0	1		13
To	0	2	1	1	1	1	1	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1		13
Am	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		3
Sums	35	84	41	49	52	54	40	38	34	47	28	23	2	1	32	66	18	14	5	5	7	1	1	24	17	18	26	26	26	41		855
No. of 0	17	0	7	5	3	3	12	16	19	5	22	26	43	43	17	0	28	32	40	40	37	44	44	21	30	28	22	19	20	11		654
char- 1	19	2	31	29	30	30	26	20	18	33	18	15	2	1	22	24	16	12	5	5	7	1	1	22	13	16	20	24	24	27		513
acters 2	8	41	5	10	11	12	7	9	8	7	5	4	0	0	5	21	1	1	0	0	0	0	0	1	2	1	3	1	1	7		171

Selected days: Five quiet -- 13, 14, 19, 22, 23
Five disturbed -- 2, 4, 5, 6, 16

Days recommended for reproduction of magnetograms -- 2

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1944
MAY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT																																
CC	2	2	1	2	2	2	2	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	26
Di																																
MS	2	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	1	0	12
Ti																																
Tr																																
Ai																																
So	2	2	1	2	2	2	2	1	1	0	1	1	0	0	1	0	1	1	0	0	1	1	1	2	1	1	0	1	2	2	1	33
We	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	8
Sr	2	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	9
Do	2	1	1	1	2	2	2	1	1	0	0	1	1	0	0	0	0	0	0	2	1	0	1	1	1	0	0	0	1	1	1	24
Ya	2	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	11
Le	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	18
Sl																																
Lo	2	2	1	2	2	2	2	1	1	0	0	1	0	0	1	0	1	1	1	1	0	0	1	1	1	1	1	1	2	2	1	32
Si	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	9
VD	2	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	8
RS	2	2	1	2	2	2	2	1	1	1	0	1	0	0	1	0	0	1	0	0	0	1	1	1	1	1	1	1	2	2	2	32
Za	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	15
KP																																
Es	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	18
Me	2	2	1	1	1	1	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	22
Sy	2	1	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	1	0	14
Wi	2	2	1	2	1	2	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	1	1	1	0	1	1	0	2	2	1	25
Zy	2	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	8
Ni																																
Nz																																
Ab	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	28
Ma																																
Fu	2	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	1	1	16
CF	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	1	14
OG																																
Na																																
St																																
Ag	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	20
Mt	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	12
Du	2	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	11
Ke	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Ci																																
Eb																																
Ch	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4
SM	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	16
SF	2	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	22
Ka																																
Ks	2	2	1	2	1	1	2	1	1	0	1	1	1	1	0	0	0	0	1	1	0	0	0	1	1	1	1	1	2	2	2	30
Tu	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	11
ZS																																
DD																																
He	2	1	0	2	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	18
Ta																																
AT																																
Ho	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	11
Te	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	5
Al	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	1	1	1	0	0	11
SJ	2	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	1	1	13
An																																
Ku																																
El	-	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hu	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4
Ap	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	0	12
Va	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	32
Wa	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Pi	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6
CT	2	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Ta	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4
Am	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Sums	73	49	18	49	39	43	39	18	9	4	6	9	3	3	9	2	5	6	4	5	5	5	16	26	19	19	22	20	51	35	29	640
No. of 0	1	2	26	5	9	8	11	26	35	40	38	35	41	41	35	42	39	38	40	40	39	39	28	19	25	25	22	24	7	14	17	811
char- 1	11	35	18	29	29	29	27	18	9	4	6	9	3	3	9	2	5	6	4	3	5	5	16	24	19	19	22	20	23	25	25	462
acters 2	31	7	0	10	5	7	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	14	5	2	89

Selected days: Five quiet -- 13, 16, 18, 20, 21
Five disturbed -- 1, 2, 4, 6, 29

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1944
JUNE--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	0	0	0	1	0	0	0	1	0	0	0	0	1	2	1	1	1	0	1	2	2	2	0	0	2	1	0	1	0		20
CC	0	1	0	1	0	0	0	0	1	1	1	0	0	1	2	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1		20
DI	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	-	-	-	-	-	-	-	-	-	-		4
MS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	2	1	0	0	2	0	0	0	0		9
Ti																																
Tr																																
Ai																																
So	0	0	0	1	1	0	0	0	0	0	1	0	1	2	2	2	1	1	1	1	1	2	2	0	1	2	1	1	2	1		27
We	0	-	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0		5
Sr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Do	1	0	0	0	0	2	0	0	0	1	1	0	1	1	2	1	1	0	0	1	1	1	1	0	0	2	0	0	1	0		18
Ya	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	0	1	1	0	0	0		10
Le	1	0	0	1	1	0	0	0	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	0	1	1		20
Sl																																
Lo	1	1	0	1	1	1	1	1	1	1	2	1	1	2	2	2	1	0	1	1	1	2	2	1	1	2	1	0	2	1		35
Si	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0		5
VD	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0		5
RS	1	1	0	1	1	1	1	0	1	1	1	0	1	1	2	2	1	0	1	1	2	2	2	1	1	2	1	1	2	1		33
Za	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	1	1	0	1	0	0		12
KF																																
Es	1	0	0	1	1	0	0	0	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	0	1	1		20
Me	1	1	1	1	1	0	1	0	0	0	1	0	0	1	1	1	1	1	1	1	1	2	1	1	0	1	1	1	1	1		24
Sy	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	2	2	0	0	2	0	0	1	0		13
Wi	1	0	0	1	1	1	0	0	1	0	1	0	1	1	2	1	1	1	1	1	1	2	2	0	1	2	1	1	2	1		28
Zy																																
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		28
Ma																																
Fu	0	0	0	1	1	0	0	0	1	0	1	0	0	1	1	1	0	0	0	1	1	2	1	0	0	1	0	0	1	0		14
CF	0	0	0	1	1	0	0	0	1	0	1	0	0	1	1	1	0	0	0	1	1	1	1	0	0	1	1	0	1	0		14
OG																																
Na																																
St																																
Ag	1	1	0	1	1	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1		21
Mt	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	0	0	1	1	0	0	1		12
Du	0	0	0	1	1	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	1	1	1	0	0	1	0	0	1	0		12
Ke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	1	1	-	0	0	1	0	0	0	0		4
Ci																																
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0		3
SM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0		13
SF	1	0	0	1	1	1	1	0	0	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1		23
Ka																																
Ks	1	1	0	1	1	1	1	0	1	1	1	0	1	1	2	1	1	1	1	1	1	2	2	1	0	2	1	1	1	0		29
Tu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0		4
ZS																																
DD																																
He	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	1	1	1	0	1	1		15
Ta																																
AT																																
Ho	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	1	1	0	0	1	0	0	0	0		7
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Al	0	0	0	1	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0		9
SJ	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	0	0	1	0	0	0	0		8
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0		2
Hu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0		2
Ap	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	0	1	1	0	1	1		12
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		30
Wa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	-	1	0	0	0	1	0	0	0	0		3
Pi	0	0	1	1	1	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0		9
CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0		1
To	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0		3
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0		3
Sums	13	8	4	22	22	9	7	2	14	11	20	2	12	28	48	33	16	9	12	28	39	50	39	12	10	46	20	11	27	15		589
No. of 0	32	36	41	23	23	37	38	43	31	34	26	43	33	19	5	15	29	36	33	17	7	4	11	32	34	7	24	33	21	29		796
char- 1	13	8	4	22	22	7	7	2	14	11	18	2	12	24	30	27	16	9	12	28	33	30	25	12	10	28	20	11	19	15		491
acters 2	0	0	0	0	0	1	0	0	0	0	1	0	0	2	9	3	0	0	0	0	3	10	7	0	0	9	0	0	4	0		49

Selected days: Five quiet -- 3, 7, 8, 10, 12
Five disturbed -- 15, 21, 22, 23, 26

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1944
JULY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	0	0	0	0	1	0	2	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	13
CC	1	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	25
Di	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	1	1	1	0	0	0	0	0	0	1	1	1	11
MS	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	6
Ti																																
Tr																																
Al																																
So	0	0	0	0	0	1	1	0	1	2	0	1	1	0	1	2	1	1	1	1	2	1	0	0	0	0	1	1	1	1	2	23
We	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Sr	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Do	0	0	0	0	0	0	1	1	1	0	1	0	0	1	2	0	0	0	1	1	1	1	0	0	0	0	1	1	0	0	0	13
Ya																																
Le	1	1	1	0	0	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	18
Sl																																
Lo	1	0	1	1	0	1	2	1	2	1	0	1	1	1	2	1	1	1	2	2	1	1	0	0	0	1	1	1	1	1	1	30
Si	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	4
VD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RS	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	0	1	1	1	1	1	1	27
Za	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1	14
KP																																
Es	1	1	1	0	0	1	1	0	1	1	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	19
Me	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	0	0	0	1	1	1	26
Sy	0	0	1	0	0	1	1	0	2	1	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	10
Wi	1	1	1	1	1	1	1	0	1	2	0	1	1	1	1	2	1	1	1	1	1	1	0	0	0	1	0	1	1	0	0	25
Zy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	28
Ma																																
Fu	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	1	1	1	1	0	0	0	0	1	1	1	0	1	13
CF	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	7
OG																																
Na																																
St																																
Ag	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	23
Mt																																
Du	0	0	1	0	0	0	1	1	0	0	0	0	1	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	8
Ke	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ci																																
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SM	1	0	1	0	1	1	1	0	1	1	1	0	0	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	1	1	1	19
SF	0	0	1	1	0	1	1	0	1	1	0	0	1	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	1	0	1	14
Ka																																
Ks	0	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	0	1	1	1	22
Tu	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	3
ZS																																
DD																																
He	0	1	0	1	0	0	0	0	1	1	0	1	0	0	0	1	0	0	1	1	1	0	0	0	0	1	1	0	1	0	0	12
Ta																																
AT																																
Ho	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	2	1	0	0	0	0	0	0	0	0	0	0	7
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Al	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	4
SJ	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	4
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ap	0	0	1	1	0	0	1	0	1	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	1	0	0	1	0	0	15
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31
Wa	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Pi	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	5
CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
To	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sums	11	10	17	12	9	14	20	8	35	22	5	10	13	17	25	25	19	17	32	35	26	19	6	2	1	8	10	9	17	13	17	484
No. of 0	33	34	27	32	34	30	25	36	12	24	39	34	31	27	21	21	25	27	14	12	19	25	38	42	43	36	34	35	27	31	28	896
char- 1	11	10	17	12	9	14	18	8	29	18	5	10	13	17	21	21	19	17	28	29	24	19	6	2	1	8	10	9	17	13	15	450
acters 2	0	0	0	0	0	0	1	0	3	2	0	0	0	0	2	2	0	0	2	3	1	0	0	0	0	0	0	0	0	0	1	17

Selected days: Five quiet -- 24, 25, 26, 27, 28
Five disturbed -- 9, 15, 19, 20, 21

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1944
AUGUST--Continued

Observatory	Day																														Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	2	0	1	1	0	0	1	1	1	1	0	-	1	0	1	2	1	0	0	0	2	1	0	0	0	1	0	1	2	22
CC	1	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	2	0	1	2	29
DI	0	2	2	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	0	1	1	1	1	0	1	1	2	0	1	2	28
MS	0	1	2	0	0	0	0	1	0	0	1	1	0	0	0	0	0	2	0	0	0	0	1	1	0	0	0	1	0	0	2	13
Ti																																
Tr																																
Ai																																
So	1	2	2	1	1	0	0	1	0	1	2	1	1	1	0	1	1	1	2	1	1	1	1	2	0	2	1	2	1	1	2	34
We	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	1	0	0	2	9
Sr	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	-	3
Do	0	1	2	0	1	0	0	1	1	1	2	2	1	1	0	0	0	2	0	0	0	0	1	2	0	1	0	2	1	1	1	24
Ya	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	1	7
Le	1	2	2	1	1	0	0	1	1	1	1	1	0	1	0	1	0	1	1	0	0	0	1	1	0	0	0	1	0	1	1	21
Sl																																
Lo	1	2	2	1	1	1	1	2	0	1	2	2	1	1	1	1	1	2	1	1	0	1	2	2	1	1	1	2	1	1	2	39
Si	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	1	8
VD	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2	6
RS	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	0	1	2	1	0	1	1	2	1	1	2	36
Za																																
KP																																
Es	1	2	2	0	1	0	1	1	1	1	1	1	0	1	0	1	0	1	1	0	0	0	1	1	0	0	0	1	0	1	1	21
Me	1	1	2	1	1	1	1	1	0	1	1	1	1	0	1	1	1	2	1	1	1	1	1	2	0	0	1	2	0	1	1	30
Sy	0	2	2	1	1	1	0	1	0	0	1	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	2	0	0	1	16
Wi	1	2	2	0	2	0	1	2	0	1	1	1	0	1	1	1	1	2	1	1	0	1	2	1	0	2	1	2	1	1	1	33
Zy	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	4
Ni																																
Nz																																
Ab	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	30
Ma																																
Fu	1	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	9
CF	1	1	2	0	1	0	0	1	0	1	1	1	0	1	0	1	1	1	1	0	0	0	1	1	0	1	0	1	0	1	1	20
OG																																
Na																																
St																																
Ag	1	1	2	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	0	0	1	1	0	1	1	24
Mt																																
Du	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	1	0	0	1	9
Ke	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-	-	-	-	-	-	-	-	-	4
Ci																																
Eb																																
Ch	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	3
SM	1	1	2	1	0	0	1	0	0	1	0	1	1	0	0	0	1	1	1	0	0	1	1	1	0	0	0	1	0	0	1	17
SF	0	1	2	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	1	0	1	1	21
Ka																																
Ks	1	2	2	0	1	1	0	1	0	1	1	1	0	1	0	0	0	2	1	0	1	1	0	1	0	1	1	2	0	1	1	24
Tu	0	1	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	1	9
ZS																																
DD																																
He	0	1	2	0	1	0	0	1	0	1	0	1	0	1	1	1	0	2	1	0	0	0	1	1	0	1	1	2	1	0	1	21
Ta																																
AT																																
Ho	0	2	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	1	1	0	0	0	2	0	0	1	12
Te	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Al	1	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	0	0	0	1	1	0	0	1	1	1	0	1	13
SJ	0	1	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	1	1	10
An																																
Ku																																
El	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Hu	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	4
Ap	1	1	2	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	1	0	0	0	1	1	0	0	0	1	0	1	1	14
Va	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	33
Wa	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	6
Pi	0	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	1	0	0	1	9
CT	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	5
To	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1	6
Am	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	4
Sums	19	50	70	11	18	12	11	24	11	25	22	27	12	14	11	15	13	56	20	8	5	12	33	37	2	15	14	52	10	19	46	694
No. of 0	25	7	0	33	27	32	33	22	33	19	25	20	32	29	33	29	31	2	25	36	38	31	14	10	41	30	29	3	33	24	5	751
char- 1	19	24	18	11	16	12	11	20	11	25	16	21	12	14	11	15	13	28	18	8	5	12	25	29	2	11	14	28	10	19	28	506
acters 2	0	13	26	0	1	0	0	2	0	0	3	3	0	0	0	0	0	14	1	0	0	0	4	4	0	2	0	12	0	0	9	94

Selected days: Five quiet -- 20, 21, 25, 26, 29
Five disturbed -- 2, 3, 18, 28, 31

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1944
SEPTEMBER--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	1	2	1	1	0	0	1	1	0	0	1	1	1	1	0	0	0	1	0	0	2	0	0	2	1	1	2	1	1	2		24
CC	1	2	1	0	0	0	1	2	0	1	1	1	1	1	0	0	0	1	0	1	1	1	1	2	2	1	1	1	0	2		26
DI	1	2	1	1	0	0	0	2	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	2	2	1	1	1	1	2		28
MS	1	2	0	1	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0	0	2		18
Ti																																
Tr																																
Ai																																
So	2	2	2	2	2	0	0	2	1	1	0	0	1	1	0																	16
We	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	-		4
Sr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1		2
Do	0	2	0	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1		19
Ya	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1		5
Le	1	1	1	1	0	0	1	1	0	0	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	0	0	2		21
Sl																																
Lo	2	2	2	2	2	1	0	2	1	1	2	1	1	1	0	0	1	1	1	2	2	2	2	2	1	2	2	1	1	2		42
Si	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1		6
VD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2		5
RS	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	0	2	2	2	2	2	1	2	2	1	1	2		41
Za																																
KP																																
Es	1	1	1	1	0	0	1	1	0	0	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	0	0	2		21
Me	1	2	1	0	0	0	1	1	0	1	0	1	0	1	1	0	0	1	0	1	2	1	1	2	1	1	1	1	1	2		25
Sy	1	2	1	1	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	1	2	2	2	2	1	2	1	0	1	2		26
Wi	1	2	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	0	2	2	2	2	2	1	1	2	0	1	2		33
Zy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1		2
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	2		29
Ma																																
Fu	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	2	0	1	1	0	2		12
CF	1	1	1	1	0	0	0	1	0	1	1	0	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	0	1	2		21
OG																																
Na																																
St																																
Ag	1	2	1	1	0	0	1	1	0	1	0	1	1	0	1	0	0	1	0	1	1	1	1	2	1	1	1	1	1	2		25
Mt	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	1	1	1	1	0	1	1	0	0	1		13
Du	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1		3
Ke	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2		6
Ci																																
Eb																																
Ch	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1		3
SM	1	1	1	0	1	0	1	0	0	0	0	1	0	1	0	0	0	1	0	0	1	1	1	1	1	1	1	1	0	2		18
SF	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2		26
Ka																																
Ks	1	2	1	1	1	1	0	1	0	1	1	1	1	1	0	0	1	1	0	1	1	1	1	2	1	1	2	1	1	2		29
Tu	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	1		8
ZS																																
DD																																
He	1	2	1	1	1	1	0	1	0	1	1	0	1	1	0	0	1	1	0	1	1	1	1	2	1	1	1	1	0	2		26
Ta																																
AT																																
Ho	1	2	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	1		12
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		1
Al	0	1	0	1	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	2		12
SJ	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	1		8
An																																
Ku																																
El	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-	0	0	0	0	1		3
Hu	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		2
Ap	0	1	0	0	0	0	1	0	1	1	0	1	1	1	0	0	0	1	0	1	1	0	1	1	0	1	1	0	1	1		16
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	2		33
Wa	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	1		5
Pi	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	2	1	0	0	1	0	0	1		13
CT	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	1		6
To	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	1		5
Am	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0		3
Sums	29	56	23	24	16	11	13	26	9	15	17	22	19	23	4	2	8	18	3	29	40	26	37	53	24	26	34	15	15	65		702
No. of 0	19	5	25	24	32	34	32	23	36	30	29	23	26	22	41	42	36	26	41	19	10	23	13	3	22	21	15	29	29	1		731
char- 1	23	24	17	18	10	11	13	18	9	15	15	22	19	23	4	2	8	18	3	21	28	16	25	29	18	20	24	15	15	19		502
acters 2	3	16	3	3	3	0	0	4	0	0	1	0	0	0	0	0	0	0	0	4	6	5	6	12	3	3	5	0	0	23		100

Selected days: Five quiet -- 9, 15, 16, 17, 19
Five disturbed -- 2, 21, 24, 27, 30

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1944
OCTOBER--Continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	1	0	2	0	0	1	0	0	0	0	1	1	1	2	1	1	0	1	0	0	0	0	1	1	1	1	1	1	0	0	1	19
CC	2	1	2	1	0	1	1	0	0	1	1	1	1	2	1	1	1	1	0	1	1	1	1	2	1	1	1	1	0	1	0	29
DI	2	1	2	0	0	2	1	0	0	1	1	0	1	2	2	1	0	0	0	1	0	1	1	2	1	1	1	0	1	0	0	25
MS	2	1	2	1	0	1	0	0	1	1	1	1	1	2	2	1	0	1	0	0	0	0	1	2	1	1	0	1	0	0	1	25
Ti																																
Tr																																
Al																																
So																																
We	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	-	9
Sr	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4
Do	1	1	1	1	0	1	0	0	0	1	2	1	1	2	2	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	1	23
Ya	1	0	0	0	0	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	8
Le	1	1	1	0	0	1	0	0	0	1	2	1	1	2	2	0	1	0	0	0	0	0	1	1	1	1	0	0	0	0	1	19
Sl																																
Lo	2	1	2	2	1	2	1	0	1	2	2	1	2	2	2	2	2	1	0	2	1	1	2	2	2	2	2	1	1	0	1	45
Si	1	0	1	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	7
VD	1	0	1	0	0	1	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	9
RS	2	1	2	2	0	2	1	0	1	2	2	2	2	2	2	2	1	1	1	2	1	1	2	2	2	1	2	1	1	0	2	45
Za																																
KP																																
Es	1	1	1	0	0	1	0	0	0	1	2	1	1	2	2	0	1	0	0	0	0	0	1	1	1	1	0	0	0	0	1	19
Me	1	0	1	0	0	1	0	0	0	0	1	0	0	2	2	1	1	1	0	0	0	0	1	1	0	1	0	0	0	0	1	15
Sy	2	0	2	1	1	1	1	0	0	1	2	1	1	2	2	0	1	0	0	1	0	0	2	1	1	1	1	0	0	0	1	26
Wi	2	1	2	2	0	2	1	0	1	1	2	1	1	2	2	1	1	1	0	2	1	0	2	1	2	1	2	1	1	0	2	38
Zy	1	0	0	0	0	1	0	0	0	0	1	0	0	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	7
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	0	1	1	2	1	1	2	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	32
Ma																																
Fu	2	1	1	1	0	2	0	0	0	1	2	1	1	2	1	0	0	0	0	0	0	0	-	-	1	0	0	0	0	0	1	17
CF	1	1	1	1	0	1	1	0	0	1	2	1	1	2	2	1	1	1	0	1	0	0	2	1	1	1	1	0	0	0	1	26
OG																																
Na																																
St																																
Ag	1	0	1	0	0	1	0	0	0	0	1	1	1	1	2	1	1	1	0	0	0	0	1	1	0	1	0	0	0	0	1	16
Mt	1	1	1	-	-	1	0	1	0	0	1	0	1	1	1	1	0	1	0	0	0	0	1	1	0	0	0	0	0	1	-	14
Du	1	0	1	0	0	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	7
Ke	1	0	1	0	0	1	0	0	0	0	2	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	9
Cl																																
Eb																																
Ch	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
SM	1	1	1	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	14
SF	1	0	1	-	0	1	1	-	0	-	1	1	-	1	2	1	1	1	0	0	-	0	2	1	0	1	1	1	0	0	1	19
Ka																																
Ks	1	0	2	1	0	-	-	-	0	1	2	0	1	2	2	0	0	1	1	1	0	0	2	1	1	1	0	0	0	0	1	21
Tu	1	0	1	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	1	9
ZS																																
DD																																
He	2	1	1	1	0	1	1	0	0	1	2	1	1	2	2	1	1	1	0	1	0	0	2	1	1	1	1	1	1	0	1	29
Ta																																
AT																																
Ho	1	0	0	0	0	0	0	0	0	0	2	0	0	1	1	0	0	0	0	0	0	0	1	1	-	1	0	0	0	0	0	8
Te	2	2	2	1	0	2	0	0	0	2	2	1	0	2	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	19
Al	1	0	1	0	0	1	0	0	0	0	2	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1	0	1	16
SJ	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4
An																																
Ku																																
El	1	0	1	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	7
Hu	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4
Ap	1	0	1	0	0	1	0	-	-	0	1	1	0	1	1	0	1	1	0	0	0	0	-	1	0	1	0	0	0	0	1	12
Va	1	1	1	1	1	2	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	34
Wa	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5
Pi	1	0	1	0	0	2	0	0	0	1	2	0	0	2	2	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	14
CT	1	0	0	0	0	0	0	0	0	0	2	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	7
To	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Am	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Sums	51	18	42	17	4	37	11	2	6	21	63	22	23	65	60	19	18	18	3	14	6	6	43	41	23	28	17	11	8	4	24	725
No. of 0	3	27	12	28	39	14	32	39	37	25	0	23	22	1	1	27	27	26	41	33	37	38	7	7	23	17	30	33	36	40	20	745
char- 1	31	16	22	11	4	21	11	2	6	15	25	20	19	21	26	15	16	18	3	8	6	6	27	31	17	26	11	11	8	4	20	477
acters 2	10	1	10	3	0	8	0	0	0	3	19	1	2	22	17	2	1	0	0	3	0	0	8	5	3	1	3	0	0	0	2	124

Selected days: Five quiet -- 5, 8, 9, 19, 21
Five disturbed -- 1, 11, 14, 15, 24

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1944
NOVEMBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	0	1	2	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1		10
CC	1	0	1	1	2	1	1	1	1	1	1	0	0	1	0	1	0	0	1	2	0	1	1	0	0	1	0	0	1	1		21
Di	0	0	1	2	2	1	1	0	1	2	0	0	0	1	0	0	0	1	1	2	0	1	1	0	0	0	0	0	0	1		18
MS	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1		8
Ti																																
Tr																																
Ai																																
So																																
We	0	0	1	2	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0		9
Sr	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		2
Do	0	0	1	1	2	1	1	1	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	1		12
Ya	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		2
Le	0	0	1	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0		8
Sl																																
Lo	0	0	1	2	2	2	1	1	1	2	1	0	0	1	0	0	0	2	1	2	1	1	1	0	0	1	0	1	1	1		26
Si	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		4
VD	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		4
RS	1	0	1	2	2	2	1	0	1	2	1	0	0	1	0	0	1	1	1	2	1	1	0	0	0	1	0	0	0	1		23
Za																																
KF																																
Es	0	0	1	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0		8
Me	0	0	1	1	2	1	0	1	1	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0		12
Sy	1	0	1	2	2	2	0	0	1	2	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	1	0	0	0	1		17
Wi	0	0	1	2	2	1	1	0	1	2	1	0	0	1	0	0	1	1	1	2	0	0	0	0	0	1	0	0	0	1		19
Zy	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0		7
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	0	1	0	1	0	1		25
Ma																																
Fu	0	0	0	1	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1		6
CF	0	0	0	1	2	1	0	0	1	1	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	1	0	0	0	0		11
OG																																
Na																																
St																																
Ag	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0		5
Mt	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	-	0	0	0	0	1		8
Du	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1		7
Ke	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		5
Ci																																
Eb																																
Ch	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
SM	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0		5
SF	0	0	1	1	2	1	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	1		11
Ka																																
Ks	0	1	1	1	2	1	0	0	1	2	0	0	0	1	0	0	1	1	1	2	0	0	0	0	1	1	1	1	1	1		21
Tu	0	0	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		6
ZS																																
DD																																
He	0	0	1	1	2	1	0	0	1	2	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	1	0	0		13
Ta																																
AT																																
Ho	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		2
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Al	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0		11
SJ	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		2
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		2
Hu	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		2
Ap	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0		8
Va	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		30
Wa	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		3
Pi	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0		5
CT	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0		3
To	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		4
Am	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		2
Sums	5	3	18	37	61	33	11	7	14	38	6	2	1	8	2	4	4	15	19	55	4	7	5	3	3	12	3	8	4	16		408
No. of 0	39	41	26	13	2	14	33	37	30	14	38	42	43	36	42	40	40	30	25	2	40	37	39	41	40	32	41	36	40	28		961
char- 1	5	3	18	25	23	27	11	7	14	22	6	2	1	8	2	4	4	13	19	29	4	7	5	3	3	12	3	8	4	16		308
acters 2	0	0	0	6	19	3	0	0	0	8	0	0	0	0	0	0	0	1	0	13	0	0	0	0	0	0	0	0	0	0		50

Selected days: Five quiet -- 13, 15, 24, 25, 27
Five disturbed -- 4, 5, 6, 10, 20

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1944
DECEMBER--Concluded

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	2	1	1	1	1	0	0	0	0	0	0	1	1	1	2	2	2	1	1	1	1	0	0	0	0	2	1	1	1	1	26
CC	1	2	1	1	1	1	0	1	1	0	0	0	1	2	1	2	2	2	1	1	1	1	1	1	0	1	2	1	2	1	2	34
DI	1	2	1	1	1	1	0	1	1	0	0	1	2	2	2	2	2	2	1	1	1	1	1	1	0	1	2	1	2	2	1	37
MS	1	2	1	0	1	1	0	0	0	0	0	0	1	1	0	2	2	2	0	0	1	1	0	0	0	1	2	1	1	1	1	23
Ti																																
Tr																																
Ai																																
So																																
We	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	2	0	0	0	0	6
Sr	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2	1	0	0	0	0	0	0	0	0	2	0	0	0	0	9
Do	1	1	1	0	1	1	0	0	0	0	0	0	2	1	0	2	2	1	0	0	1	1	0	0	0	1	2	0	1	1	1	21
Ya	0	1	-	0	0	0	0	0	0	0	0	0	1	1	0	2	2	1	0	0	0	0	0	0	0	0	1	0	1	1	0	11
Le	1	1	1	0	1	0	0	0	0	0	0	0	1	1	1	2	2	1	1	1	1	1	0	0	0	1	2	1	1	1	1	23
Sl																																
Lo	1	2	1	1	1	1	0	1	1	0	0	0	2	2	1	2	2	2	1	2	1	2	1	0	0	1	2	2	2	2	1	37
Si	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2	1	0	0	0	0	0	0	0	0	1	1	0	1	0	11
VD	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	1	0	0	0	0	0	0	0	0	2	1	0	1	0	12
RS	2	2	1	1	1	1	0	1	1	0	0	0	2	2	2	2	2	2	1	2	1	2	1	0	0	1	2	2	2	2	1	39
Za																																
Kr																																
Es	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	0	1	1	1	0	0	0	1	2	1	1	1	1	21
Me	1	1	1	0	1	0	0	0	0	0	0	0	1	1	0	2	2	1	0	0	0	0	0	0	0	0	2	1	1	1	0	16
Sy	1	2	1	0	1	1	0	0	0	0	0	0	2	1	1	2	2	2	0	0	1	1	0	0	0	1	2	1	2	2	1	27
Wi	2	2	1	1	1	1	0	0	1	1	0	0	2	2	2	2	2	1	1	1	1	2	1	0	0	1	2	2	2	2	2	38
Zy	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	2	2	1	0	0	0	0	0	0	0	1	2	1	1	0	0	12
Ni																																
Nz																																
Ab	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	0	1	1	2	1	1	1	1	32
Ma																																
Fu	1	2	1	0	0	0	0	0	0	0	0	0	2	2	2	2	2	1	0	0	0	1	0	0	0	1	2	1	1	1	1	23
CF	1	2	1	0	0	1	0	0	0	0	0	0	2	1	1	2	2	1	0	1	1	1	0	0	0	1	2	1	1	1	1	24
OG																																
Na																																
St																																
Ag	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	2	-	1	0	0	1	0	0	0	0	0	1	1	1	1	0	12
Mt																																
Du	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	0	0	0	0	0	0	0	1	2	1	1	1	0	15
Ke	1	2	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	0	0	0	0	0	0	0	1	2	1	1	1	0	17
Ci																																
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3
SM	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	2	2	1	0	0	0	0	0	0	0	0	1	1	1	1	0	13
SF	1	1	0	0	0	0	0	0	0	0	0	1	2	1	1	2	2	1	1	1	1	1	1	0	0	1	2	1	1	1	1	24
Ka																																
Ks	1	2	1	1	1	1	0	0	1	0	0	1	2	1	1	2	2	2	1	-	-	1	0	0	0	2	2	2	2	2	0	31
Tu	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2	1	0	0	0	0	0	0	0	1	1	1	0	1	0	11
ZS																																
DD																																
He	0	2	0	0	1	0	0	0	1	0	0	0	2	1	2	2	2	1	1	0	0	0	0	0	0	1	2	2	1	1	1	23
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	8
Te	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Al	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	0	0	0	0	0	0	0	1	2	1	1	1	0	15
SJ	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	2	2	1	0	0	0	0	0	0	0	0	1	1	0	1	0	10
An																																
Ku																																
El	-	-	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	1	0	0	0	0	0	0	0	0	1	1	0	0	0	9
Hu	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	9
Ap	1	1	0	0	0	0	0	0	1	0	0	0	1	1	1	2	2	1	0	0	0	0	0	0	0	1	1	1	1	1	0	16
Va	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	39
Wa	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	1	0	0	0	0	0	0	0	1	1	0	0	0	0	9
Pi	1	1	0	0	1	0	0	0	0	1	1	1	1	0	2	2	2	1	0	1	0	0	0	0	0	0	2	2	0	1	0	20
CT	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	2	2	0	0	0	0	0	0	0	0	0	2	1	0	0	0	9
To	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	2	2	1	0	0	0	0	0	0	0	0	1	1	0	0	0	9
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	5
Sums	23	48	19	9	16	13	1	6	10	4	3	6	53	35	33	83	80	50	13	15	16	20	8	3	2	27	70	40	34	37	19	796
No. of 0	21	7	23	34	27	30	42	37	33	39	40	37	3	14	17	1	1	3	30	29	26	26	35	40	41	18	1	10	16	12	26	719
char- 1	19	22	19	9	16	13	1	6	10	4	3	6	27	23	19	1	2	30	13	11	16	14	8	3	2	23	14	26	20	25	15	420
acters 2	2	13	0	0	0	0	0	0	0	0	0	0	13	6	7	41	39	10	0	2	0	3	0	0	0	2	28	7	7	6	2	188

Selected days: Five quiet -- 7, 10, 11, 24, 25
Five disturbed -- 13, 16, 17, 18, 27

Days recommended for reproduction of magnetograms -- 16, 17

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1945
JANUARY

Observatory	Day																															Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	2	1	0	0	0	0	0	2	0	0	1	0	2	1	2	0	1	1	1	0	0	0	0	0	1	-	2	1	0	20
CC	1	1	1	1	1	0	0	1	1	2	0	1	1	0	2	2	2	1	1	1	1	0	0	0	0	1	1	2	2	2	0	29
Di	2	1	1	2	1	0	1	0	1	2	0	1	0	0	2	1	2	1	1	1	1	1	0	0	0	1	0	2	2	1	0	28
MS	1	1	1	1	0	0	0	0	0	2	0	0	0	0	2	1	1	0	1	1	0	0	0	0	0	0	1	2	1	0	0	16
Ti																																
Tr																																
Ai																																
So																																
We	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	-	2	1	0	7
Sr	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	6
Do	1	1	1	1	1	0	0	0	1	2	0	0	1	0	1	1	1	1	1	1	1	0	0	0	0	1	0	1	2	1	1	22
Ya	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	2	1	0	9
Le	1	0	1	1	0	0	0	0	1	1	0	0	1	0	2	1	1	0	1	1	0	0	0	0	0	1	0	1	2	1	0	17
Sl	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	6
Lo	2	2	2	2	1	1	1	0	2	2	1	2	1	0	2	2	2	1	2	1	1	0	1	0	0	2	0	2	2	2	1	40
Si	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3
VD	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	6
RS	2	1	2	2	1	1	1	0	2	2	0	1	1	0	2	2	2	1	2	1	1	0	0	0	0	1	0	2	2	1	1	34
Za	1	1	1	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	9
KP																																
Es	1	0	1	1	0	0	0	0	1	1	0	0	1	0	2	1	1	0	1	1	0	0	0	0	0	1	0	1	2	1	0	17
Me	1	1	1	0	0	0	0	0	0	1	0	0	0	0	2	1	1	0	1	1	0	0	0	0	0	0	0	0	2	1	0	13
Sy	2	1	1	2	0	0	0	0	2	2	0	1	1	0	2	2	2	1	1	0	0	0	0	0	0	1	0	2	2	1	0	26
Wl	2	1	2	2	0	1	1	0	2	2	0	1	1	0	2	1	2	1	2	1	1	0	0	0	0	2	1	2	2	1	1	34
Zy	1	0	0	1	0	0	0	0	1	2	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	1	2	1	0	13
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	1	1	1	1	1	1	1	1	0	0	1	1	1	2	1	1	30
Ma																																
Fu																																
CF	1	0	1	1	0	0	0	0	1	1	0	0	0	0	2	0	1	0	1	0	0	0	0	0	0	1	0	1	2	1	0	14
OG																																
Na																																
St																																
Ag	1	1	1	0	0	0	0	0	1	1	0	0	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	1	2	1	0	14
Mt																																
Du	0	0	0	1	0	0	0	0	1	1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	1	2	0	0	9
Ke	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	1	2	0	0	9
Ci																																
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
SM	1	1	1	1	0	0	0	0	0	2	0	0	1	0	2	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	17
SF	1	1	1	1	0	0	1	0	1	1	0	1	1	0	2	1	1	1	1	0	1	0	0	0	0	1	0	1	2	1	0	21
Ka																																
Ks	2	1	1	2	0	1	1	0	2	2	1	1	2	1	2	1	1	1	1	1	1	0	0	0	0	2	1	2	2	2	0	34
Tu	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	8
ZS																																
DD																																
He	1	0	1	2	0	0	1	0	2	1	0	0	1	0	2	1	1	0	1	0	0	0	0	0	0	1	0	2	2	1	0	20
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	4
Te																																
Al	1	0	1	1	0	1	0	0	1	1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	1	2	0	0	13
SJ	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	7
An																																
Ku																																
El	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	5
Hu	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3
Ap	1	0	1	0	0	1	1	0	1	1	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	1	0	1	2	1	0	15
Va	1	1	1	1	0	1	1	1	2	1	0	0	0	1	2	1	1	1	1	1	1	0	0	0	0	1	1	2	2	1	0	26
Wa	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3
Pi	0	0	0	1	0	0	0	0	2	1	0	0	0	0	2	0	0	1	1	0	0	0	0	0	0	1	1	2	1	1	0	14
CT	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	1	2	0	0	8
To	1	0	0	0	0	1	0	0	1	1	0	1	0	0	2	0	1	0	0	1	0	0	0	0	0	1	1	1	1	1	0	14
Am	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3
Sums	32	18	27	30	7	9	10	3	34	53	2	11	16	3	71	26	39	13	23	19	12	2	2	0	0	27	9	45	69	31	5	648
No. of 0	17	26	20	20	36	34	33	40	17	2	41	33	28	40	0	21	11	30	23	24	31	41	41	43	43	19	34	8	0	15	38	809
char- 1	20	16	19	16	7	9	10	3	18	29	2	9	14	3	15	18	25	13	17	19	12	2	2	0	0	21	9	21	17	25	5	396
acters 2	6	1	4	7	0	0	0	0	8	12	0	1	1	0	28	4	7	0	3	0	0	0	0	0	0	3	0	12	26	3	0	126

Selected days: Five quiet -- 11, 23, 24, 25, 31
Five disturbed -- 10, 15, 17, 28, 29

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1945
FEBRUARY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	0	0	1	1	0	1	2	1	1	1	0	0	2	2	2	1	0	0	0	0	0	0	1	2	2	1				22
CC	0	1	1	0	1	1	1	2	2	1	1	1	0	1	2	2	1	1	0	1	0	0	1	1	1	2	2	1				28
Di	0	2	1	1	1	1	1	2	1	1	1	0	0	1	2	1	2	1	0	0	0	1	1	1	1	2	2	1				28
MS	0	1	0	0	0	1	0	2	1	0	1	0	0	1	2	2	1	0	0	0	0	0	0	0	1	2	2	1				18
Ti																																
Tr																																
Ai																																
So																																
We	0	2	0	0	1	0	0	1	1	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	1	1	0				11
Sr																																
Do	0	1	0	1	2	1	0	1	1	0	1	0	0	0	1	2	1	0	0	0	0	1	1	0	1	1	1	0				17
Ya	0	1	0	0	1	1	1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	1	1				12
Le	0	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1				19
Sl	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0				6
Lo	0	2	1	0	2	2	2	2	2	1	1	1	0	2	2	2	2	1	1	0	0	1	1	1	2	2	2	2				37
Si	0	1	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0				5
VD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0				2
RS	0	1	1	0	2	2	1	1	1	1	1	1	0	1	2	2	2	1	1	1	0	1	1	1	2	2	2	2				33
Za	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0				4
KP																																
Es	0	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1				19
Me	0	1	0	0	1	1	0	1	1	1	1	0	0	0	2	1	0	0	0	0	0	0	0	0	1	1	1	0				13
Sy	0	1	0	0	1	1	0	1	1	0	0	0	0	0	2	2	2	1	0	0	0	1	0	0	2	2	2	1				20
Wi	0	2	1	1	2	1	1	1	1	1	1	1	0	1	2	2	2	1	1	0	0	2	1	1	2	2	2	2				34
Zy	0	1	0	0	1	1	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	1	0				10
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	2	1	1				27
Ma																																
Fu																																
CF	0	1	0	0	1	1	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	1	1	1	1				13
OG																																
Na																																
St																																
Ag	0	0	0	0	1	1	0	1	1	1	1	0	0	0	1	2	1	0	0	0	0	0	0	0	1	1	1	1				14
Mt																																
Du	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	2	1	0				8
Ke	0	1	0	0	1	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0				10
Ci																																
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0				1
SM	0	0	0	0	1	1	0	1	1	0	1	1	0	0	1	1	1	0	0	0	0	1	0	0	1	1	1	1				14
SF	0	1	0	0	1	1	0	1	1	0	1	0	0	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1				15
Ka																																
Ks	0	2	1	0	1	1	1	2	1	1	1	1	0	1	2	2	2	1	0	0	0	1	2	0	2	2	2	1				30
Tu	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0				3
ZS																																
DD																																
He	0	1	0	0	1	1	1	1	1	0	0	1	0	1	2	2	2	1	0	0	0	1	1	1	2	2	2	1				25
Ta																																
AT																																
Ho	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0				2
Te																																
Al	0	1	0	1	1	1	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	1	1	0				13
SJ	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	0				6
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0				2
Hu	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0				3
Ap	0	0	0	0	1	1	0	1	1	1	1	0	0	1	1	1	–	0	0	0	0	1	1	1	1	1	1	0				15
Va	0	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0				19
Wa	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0				4
Pi	1	0	0	0	1	0	0	0	1	0	1	0	0	1	1	1	0	0	0	0	0	0	1	0	0	1	1	0				10
CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0				3
To	1	1	0	0	1	1	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	0				16
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0				1
Sums	3	32	8	6	37	28	12	33	32	15	21	9	0	18	52	45	33	10	4	3	0	16	19	12	30	52	41	21				592
No. of 0	39	15	34	36	9	16	31	14	13	27	21	33	42	25	1	9	16	32	38	39	42	27	24	30	18	3	11	24				669
char- 1	3	22	8	6	29	24	10	23	26	15	21	9	0	16	30	21	17	10	4	3	0	14	17	12	18	26	21	15				420
acters 2	0	5	0	0	4	2	1	5	3	0	0	0	0	1	11	12	8	0	0	0	0	1	1	0	6	13	10	3				86

Selected days: Five quiet -- 1, 13, 19, 20, 21
Five disturbed -- 5, 15, 16, 26, 27

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1945
MARCH--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	2	0	1	2	1	1	0	0	2	2	1	1	2	2	1	1	0	1	1	0	0	0	1	2	2	2	1	1	1	33
CC	1	1	1	1	2	2	1	2	1	0	2	2	1	2	2	2	1	1	1	2	1	0	0	1	1	2	2	2	1	1	0	39
DI	0	1	1	0	1	2	1	1	1	0	2	2	0	1	2	1	1	1	0	1	1	0	0	1	1	2	2	1	1	0	0	28
MS	0	0	1	0	2	2	1	1	0	0	2	2	0	1	2	2	2	1	0	2	0	0	0	1	1	2	2	2	1	0	0	30
Ti																																
Tr																																
Ai																																
So																																
We	0	0	0	0	2	1	0	1	0	0	2	2	0	0	1	1	0	1	0	1	0	0	0	1	1	2	1	2	1	0	0	20
Sr	0	0	0	0	1	0	0	1	0	0	1	2	0	0	1	2	1	0	0	0	-	-	-	-	-	-	-	-	-	-	-	9
Do	0	0	0	1	2	2	0	1	0	1	1	1	2	2	2	2	1	1	0	2	1	0	0	1	1	2	2	2	1	0	0	31
Ya	0	0	1	0	1	1	0	1	1	0	1	2	0	0	1	1	0	0	0	1	0	0	0	0	0	2	1	1	1	0	0	16
Le	0	0	1	0	1	1	0	1	1	0	2	2	0	1	2	1	1	1	0	1	1	0	0	1	1	2	1	1	1	0	0	24
Sl																																
Lo	1	2	1	0	2	2	1	2	2	1	2	2	1	2	2	2	2	1	1	2	2	0	0	1	2	2	2	2	2	1	1	46
Si	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	8
VD	0	0	0	0	1	0	0	1	0	0	1	2	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	11
RS	0	2	1	1	2	2	1	2	2	1	2	2	1	2	2	2	1	1	1	2	2	0	0	1	2	2	2	2	2	0	1	44
Za	0	0	0	0	1	1	0	0	0	0	1	2	0	0	1	1	0	0	0	1	1	0	0	1	1	1	1	2	1	0	0	16
KP	0	0	0	0	1	1	0	1	0	0	1	2	0	0	2	1	0	0	0	1	0	0	0	0	0	1	1	2	0	0	0	14
Es	0	1	0	0	1	1	0	1	1	0	2	2	0	1	2	1	0	1	0	1	1	0	0	1	1	2	1	1	1	0	0	23
Me	0	0	2	0	1	1	1	2	0	0	2	2	1	1	2	1	0	0	0	1	0	0	0	1	0	2	1	2	1	0	0	24
Sy	0	0	0	0	2	1	0	1	0	0	2	2	0	0	2	1	1	1	0	2	1	0	0	1	2	2	2	2	1	0	0	26
Wi	1	1	1	1	2	2	1	2	2	1	2	2	1	2	2	2	2	2	1	2	2	0	0	1	2	2	2	2	1	0	1	45
Zy	0	0	0	0	1	1	0	1	0	0	1	2	0	0	2	1	0	0	0	2	0	0	0	0	0	2	1	2	1	0	0	17
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	0	0	1	1	2	1	2	1	0	1	33
Ma																																
Fu																																
CF	0	0	0	0	1	1	0	1	0	0	1	2	0	0	2	1	0	1	0	1	1	0	0	0	0	1	1	1	1	0	0	16
OG																																
Na																																
St																																
Ag	0	0	1	0	1	1	1	1	0	0	1	1	1	1	2	1	1	1	0	1	0	0	0	1	1	2	1	2	1	0	0	23
Mt																																
Du	0	0	0	0	1	0	0	1	0	0	1	2	0	0	2	1	0	0	0	1	0	0	0	0	0	2	1	2	0	0	0	14
Ke	0	0	0	0	1	1	0	1	0	0	2	2	0	0	2	1	0	0	0	1	0	0	0	0	0	2	1	2	1	0	0	17
Cl																																
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	7
SM	0	0	1	0	1	1	1	1	1	0	2	2	0	0	2	1	1	0	0	1	1	0	0	1	1	2	1	2	1	0	0	24
SF	0	0	1	0	2	1	1	1	1	0	1	2	1	1	2	1	1	1	0	2	-	-	0	1	1	2	1	2	1	0	0	27
Ka																																
Ks	0	1	1	1	2	2	1	2	1	1	2	2	0	1	2	2	1	1	0	1	2	0	0	2	2	2	2	2	1	0	0	37
Tu	0	0	1	0	1	1	0	1	0	0	1	1	0	0	2	1	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	14
ZS																																
DD																																
He	0	1	1	0	2	1	0	2	1	1	2	2	0	1	2	2	1	0	0	2	1	0	0	1	1	2	2	2	1	0	0	31
Ta																																
AT																																
Ho	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	7
Te																																
Al	0	0	0	0	1	1	0	1	0	0	1	1	0	1	1	1	0	0	0	1	0	0	0	1	0	2	1	2	1	0	0	16
SJ	0	0	0	0	1	1	0	1	0	0	1	1	0	0	1	1	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	11
An																																
Ku																																
El	0	0	0	0	1	1	0	1	0	0	1	1	0	0	1	0	-	-	-	-	-	-	-	0	0	1	0	2	0	0	0	9
Hu	0	0	0	0	1	0	0	0	0	0	1	1	0	0	2	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	9
Ap	0	0	1	0	1	1	1	1	0	0	1	1	1	1	2	1	0	0	0	1	0	0	0	1	0	1	1	2	1	0	0	19
Va	0	1	1	0	1	1	0	1	0	0	1	1	0	1	2	1	0	0	0	1	1	0	0	1	1	1	1	2	0	0	0	19
Wa	0	0	0	0	1	0	0	1	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	8
Pi	0	1	0	0	1	1	1	1	0	1	1	2	1	1	2	1	0	0	0	2	0	0	0	0	0	1	1	1	0	0	0	19
CT	0	0	0	0	1	0	0	1	0	0	2	2	0	1	2	1	0	0	0	1	0	0	0	0	0	2	1	2	0	0	0	16
To	0	0	1	0	1	1	1	1	0	0	1	2	1	0	2	1	0	1	0	1	0	0	0	1	1	2	1	2	1	0	0	22
Am	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	6
Sums	5	14	22	6	50	43	16	46	16	8	61	72	14	26	74	49	20	19	5	45	21	0	0	24	26	68	48	71	31	3	5	908
No. of 0	38	31	23	37	4	9	27	4	30	25	0	0	30	22	0	4	25	24	37	8	23	40	41	19	21	0	5	0	13	39	37	616
char- 1	5	10	18	6	28	25	16	32	10	8	25	14	12	16	12	29	14	17	5	23	13	0	0	22	16	16	26	13	27	3	5	466
acters 2	0	2	2	0	11	9	0	7	3	0	18	29	1	5	31	10	3	1	0	11	4	0	0	1	5	26	11	29	2	0	0	221

Selected days: Five quiet -- 4, 22, 23, 30, 31
Five disturbed -- 11, 12, 15, 26, 28

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1945
APRIL--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	2	1	0	1	1	2	1	2	0	0	2	2	1	2	2	1	0	0	1	1	0	1	1	2	1	0	0	0	0	1		28
CC	2	1	0	1	1	2	2	2	1	0	2	2	1	2	1	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-		26
Di	2	1	0	0	1	1	1	1	0	0	2	2	1	1	1	0	0	0	1	0	0	1	0	1	0	0	0	0	1	1		19
MS	2	1	0	0	0	1	1	2	0	0	2	2	1	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0		16
Ti																																
Tr																																
Ai																																
So																																
We	2	1	0	1	0	1	0	1	0	0	2	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		13
Sr																																
Do	0	0	0	0	1	1	1	1	0	0	2	2	2	1	1	0	0	0	2	1	0	1	1	1	0	0	0	0	1	0		19
Ya	-	-	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	0	0	1	1	0	0	0	0	0	1		15
Le	2	1	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	0	1	1	1	0	0	0	0	0	1		19
Sl																																
Lo	2	2	0	2	2	2	2	2	1	1	2	2	2	2	2	1	1	0	2	2	1	2	1	2	1	1	1	0	1	2		44
Si	2	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		11
VD	2	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		6
RS	2	2	1	2	2	2	2	2	0	1	2	2	1	2	1	1	1	1	2	1	0	2	1	2	1	0	1	0	1	2		40
Za	1	1	0	0	1	1	1	1	0	0	1	1	0	1	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	1		14
KP	2	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0		7
Es	2	1	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	0	1	1	1	0	0	0	0	0	1		19
Me	2	1	0	1	1	2	1	1	0	0	2	2	1	1	1	0	0	0	1	1	0	0	1	1	1	0	0	0	0	1		22
Sy	2	1	0	0	2	2	2	2	0	0	2	2	1	2	1	0	0	1	0	1	0	1	2	2	0	0	0	0	1	1		28
Wi	2	2	1	2	2	2	2	2	0	1	2	2	1	2	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-		24
Zy	2	0	0	0	1	1	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		8
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1		27
Ma																																
Fu																																
CF	1	1	0	0	1	1	1	1	0	0	1	1	0	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	1		16
OG																																
Na																																
St																																
Ag	2	1	0	1	1	1	1	1	0	0	1	2	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	1		23
Mt																																
Du	2	0	0	0	1	1	0	0	0	0	2	1	0	1	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	1		12
Ke	2	0	0	0	1	1	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1		10
Ci																																
Eb																																
Ch	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4
SM																																
SF	2	1	0	1	1	1	1	1	-	-	1	2	1	1	0	0	0	0	1	1	0	1	-	1	1	0	0	0	1	1		20
Ka																																
Ks	2	1	0	0	2	2	2	1	0	0	2	2	0	1	1	0	0	0	1	1	0	1	1	1	0	0	0	1	1	2		25
Tu	1	1	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		9
ZS																																
DD																																
He	1	1	0	0	2	2	2	1	0	0	2	2	0	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	1	1		21
Ta																																
AT																																
Ho	1	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0		6
Te																																
Al	2	1	0	1	1	1	1	1	0	0	2	1	1	1	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	1		18
SJ	1	0	0	0	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1		10
An																																
Ku																																
El	1	0	0	0	0	0	0	0	0	-	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0		3
Hu	1	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4
Ap	2	1	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	0	0	1	1	0	0	0	0	0	1		18
Va	1	1	0	0	1	1	0	0	0	0	1	1	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1		10
Wa	2	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5
Pi	2	1	1	0	1	1	0	0	0	0	2	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1		13
CT	2	0	0	0	1	1	0	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		8
To	2	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1	0	0	1	1	1	0	0	0	0	1		20
Am	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		2
Sums	66	28	4	19	36	47	33	33	2	5	60	53	24	38	24	7	4	4	24	25	3	18	22	31	8	1	3	1	10	29		662
No. of 0	1	15	37	25	11	3	15	15	38	34	0	2	19	9	19	34	36	36	19	17	36	23	17	12	31	38	36	38	29	13		658
char- 1	12	22	4	13	24	29	19	19	2	5	22	25	20	26	20	7	4	4	18	21	3	14	20	23	8	1	3	1	10	23		422
acters 2	27	3	0	3	6	9	7	7	0	0	19	14	2	6	2	0	0	0	3	2	0	2	1	4	0	0	0	0	0	3		120

Selected days: Five quiet -- 9, 17, 26, 27, 28
Five disturbed -- 1, 6, 11, 12, 14

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1945
MAY--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	1	0	0	1	0	1	1	1	2	2	2	1	0	0	1	1	1	2	1	0	1	1	1	0	0	1	1	2	1	28
CC																																
DI	0	0	1	0	0	0	0	0	1	1	1	0	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	1	0	11
MS	1	1	0	0	0	0	0	0	1	1	2	1	1	1	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	2	1	17
TI																																
Tr																																
AI																																
So																																
We	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Sr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Do	1	1	1	0	0	0	0	1	1	2	2	2	1	1	0	1	1	1	1	1	1	1	1	1	2	1	1	0	1	1	0	28
Ya	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	6
Le	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	0	1	0	0	0	1	0	1	0	0	1	1	16
Sl																																
Lo	2	2	2	1	1	1	1	1	2	2	2	2	1	2	0	1	1	2	1	1	2	0	1	1	2	1	1	1	1	2	2	42
Si	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
VD	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	7
RS	1	1	2	1	1	1	1	0	2	2	2	2	1	2	0	1	1	2	1	1	2	0	1	1	2	1	1	1	2	2	1	39
Za	1	1	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	7
KP	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
Es	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	0	1	0	1	1	1	0	1	0	0	1	1	18
Me	1	1	1	1	1	0	0	1	0	1	1	1	0	1	0	0	0	1	1	1	0	1	1	1	1	0	0	0	1	1	1	20
Sy	1	0	1	0	0	0	0	0	1	2	1	1	0	0	0	0	0	1	0	0	1	0	0	1	0	1	1	1	1	1	0	15
Wi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zy	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29
Ma																																
Fu																																
CF	0	0	1	0	0	1	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	0	1	20
OG																																
Na																																
St																																
Ag	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1	0	0	0	1	1	1	22
Mt																																
Du	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	7
Ke	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	-	-	0	0	1	0	4
Ci																																
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SM																																
SF	-	-	-	1	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	20
Ka																																
Ks	1	1	1	0	0	1	0	0	2	2	-	1	1	1	0	0	1	1	1	1	0	0	0	1	1	1	2	1	0	2	1	24
Tu	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	1	0	8
ZS																																
DD																																
He	1	1	1	0	0	0	0	0	2	2	2	1	1	1	0	1	1	1	1	0	1	0	0	0	1	1	1	0	0	2	0	22
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Te																																
Al	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	1	1	1	0	0	0	0	0	0	1	0	1	0	0	1	0	11
SJ	0	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	1	1	13
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hu	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Ap	-	1	1	0	0	0	0	0	1	1	1	1	0	0	0	1	0	1	0	1	0	0	1	1	1	1	1	0	0	1	1	16
Va	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	19
Wa	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Pi	0	1	0	0	0	0	0	0	1	1	1	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	10
CT	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
To	1	1	1	0	0	1	0	0	1	0	1	1	1	1	0	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	1	17
Am	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Sums	18	20	21	6	5	7	3	4	31	32	42	26	17	20	0	10	12	29	18	14	16	4	13	16	25	13	16	9	15	34	18	514
No. of 0	21	20	20	34	35	33	37	36	13	14	3	19	24	22	40	30	28	13	22	27	26	36	27	24	18	26	24	31	26	12	23	764
char- 1	16	18	17	6	5	7	3	4	23	20	30	16	15	16	0	10	12	25	18	12	12	4	13	16	19	13	14	9	13	22	16	424
acters 2	1	1	2	0	0	0	0	0	4	6	6	5	1	2	0	0	0	2	0	1	2	0	0	0	3	0	1	0	1	6	1	45

Selected days: Five quiet -- 5, 7, 8, 15, 22
Five disturbed -- 2, 11, 12, 25, 30

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1945
JUNE--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	0	0	0	2	1	2	2	1	1	0	1	0	1	0	1	1	0	1	1	0	1	0	1	0	2	1	0	1	21
CC																															
Di	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	10
MS	0	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	9
Ti																															
Tr																															
Ai																															
So																															
We	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Sr	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Do	0	0	0	0	0	2	1	1	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	11
Ya	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
Le	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	0	1	1	0	0	0	0	1	0	1	1	0	1	15
Sl																															
Lo	1	1	1	1	1	2	2	2	2	2	2	1	1	0	1	1	2	1	1	1	1	1	1	1	1	1	2	1	0	2	37
Si	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
VD	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
RS	1	0	0	1	1	2	1	2	2	1	2	1	1	1	1	0	1	1	1	1	0	1	0	0	1	0	1	1	0	2	27
Za	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4
KP	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
Es	0	0	0	0	0	1	1	1	1	1	1	0	1	0	0	0	1	0	0	1	0	0	0	0	1	0	1	1	0	1	13
Me	0	0	0	0	0	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	0	1	12
Sy	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	7
Wi	0	0	1	1	1	2	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1	0	1	1	0	2	26
Zy	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Ni																															
Nz																															
Ab	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	27
Ma																															
Fu																															
CF	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	1	1	0	0	13
OG																															
Na																															
St																															
Ag	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	0	1	12
Mt																															
Du	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
Ke	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
Ci																															
Eb																															
Ch	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
SM																															
SF	0	0	0	0	-	-	-	-	1	1	1	0	-	-	-	0	1	0	0	0	0	0	0	-	-	0	1	0	0	1	6
Ka																															
Ks	0	0	0	1	1	2	2	1	1	1	0	1	0	0	0	-	1	1	1	1	0	0	1	0	1	0	1	1	0	2	20
Tu	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
ZS																															
DD																															
He	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	9
Ta																															
AT																															
Ho	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Te																															
Al	0	0	0	0	0	2	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	9
SJ	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	7
An																															
Ku																															
El	0	0	0	0	0	1	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hu	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Ap	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	8
Va	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	8
Wa	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Pi	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	6
CT	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
To	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	-	7
Am	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Sums	2	2	3	5	7	47	32	38	27	27	19	7	8	3	5	3	18	9	6	11	4	3	5	1	9	2	23	11	1	33	371
No. of 0	39	39	38	36	33	1	12	7	16	15	24	34	32	37	35	37	24	32	35	30	37	38	36	39	31	39	21	30	40	11	878
char- 1	2	2	3	5	7	31	24	28	21	25	15	7	8	3	5	3	16	9	6	11	4	3	5	1	9	2	17	11	1	25	309
acters 2	0	0	0	0	0	8	4	5	3	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	0	0	4	31

Selected days: Five quiet -- 1, 2, 3, 22, 29
Five disturbed -- 6, 7, 8, 10, 30

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1945
JULY--Continued

Observatory	Day																															Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	2	1	0	2	1	2	1	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	2	1	0	1	0	2	1	0	0	20
CC																																
Di	2	0	0	2	1	1	1	1	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1	0	1	0	1	0	1	16
MS	2	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0	0	0	1	1	2	1	19
Ti																																
Tr																																
Al																																
So																																
We	1	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Sr	1	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	1	0	9
Do	2	2	1	1	1	2	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	2	1	0	0	0	1	1	2	1	26
Ya	2	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	11
Le	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	1	1	1	1	19
Sl																																
Lo	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	1	1	0	1	2	2	2	43
Si	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	5
VD	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	7
RS	2	2	1	2	2	2	1	1	1	1	1	0	0	1	0	1	2	1	1	0	1	1	2	1	0	1	1	1	2	2	1	35
Za	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	8
KP	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4
Es	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	18
Me	2	1	1	2	1	2	1	1	0	0	0	-	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	0	1	0	16
Sy	1	1	0	1	1	1	1	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	2	1	0	0	0	0	1	1	1	16
Wi	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1	1	0	1	1	2	2	1	1	1	1	2	2	1	42
Zy	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	5
Nl																																
Nz																																
Ab	2	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	27
Ma																																
Fu																																
CF	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	1	0	13
OG																																
Na																																
St																																
Ag	2	1	1	1	1	2	1	1	1	0	0	1	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	1	1	1	1	21
Mt																																
Du	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1	0	0	8
Ke	2	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0	10
C¢																																
Eb																																
Ch	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
SM																																
SF	1	1	1	1	1	1	1	1	0	1	0	0	0	-	0	-	1	1	0	0	0	0	1	1	0	0	0	1	1	1	0	16
Ka																																
Ks	2	2	0	2	2	2	1	1	1	0	0	0	0	-	0	1	2	1	1	0	0	1	2	1	0	1	0	1	1	1	0	26
Tu	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	1	0	10
ZS																																
DD																																
He	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	2	1	0	0	0	1	1	0	0	14
Ta																																
AT																																
Ho	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Te																																
Al	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	1	0	1	0	13
SJ	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	7
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hu	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
Ap	2	1	1	1	1	-	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0	0	0	1	0	1	0	15
Va	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	1	0	11
Wa	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3
Pi	1	1	0	1	1	2	0	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	2	1	0	0	0	0	1	1	1	16
CT	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
To	-	-	-	-	-	-	1	1	0	0	0	0	0	0	0	1	-	1	0	0	0	0	1	1	0	0	0	1	0	1	0	8
Am	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Sums	54	26	12	40	31	47	23	26	9	7	5	4	3	4	2	22	38	16	12	1	4	5	38	22	4	6	3	30	20	30	13	557
No. of 0	1	19	28	7	13	13	20	17	22	34	36	36	38	35	39	18	8	25	29	40	37	36	12	21	37	35	38	12	24	16	29	775
char- 1	24	16	12	26	23	25	19	22	9	7	5	4	3	4	2	22	26	16	12	1	4	5	20	18	4	6	3	28	14	20	11	411
acters 2	15	5	0	7	4	11	2	2	0	0	0	0	0	0	0	0	6	0	0	0	0	0	9	2	0	0	0	1	3	5	1	73

Selected days: Five quiet -- 10, 15, 20, 22, 27
Five disturbed -- 1, 4, 6, 17, 30

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1945
AUGUST--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	2	2	2	1	2	2	2	2	1	1	0	1	2	2	2	2	1	0	0	0	1	1	1	0	0	0	1	2	1	1	-	35
CC																																
Di	0	1	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	2	0	0	0	14
MS	0	2	0	0	0	0	1	0	0	0	0	0	1	2	0	1	0	0	0	0	0	1	1	0	0	0	0	2	1	0	0	12
Ti																																
Tr																																
Ai																																
So																																
We																																
Sr	0	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	6
Do	1	1	0	0	0	1	0	0	0	0	1	0	1	1	1	2	0	0	0	0	1	1	1	0	1	0	0	2	0	0	1	16
Ya	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	0	8
Le	0	2	1	0	1	1	1	1	0	0	1	0	1	1	1	1	0	0	0	0	1	1	1	0	0	0	1	2	1	0	0	19
Sl																																
Lo	1	2	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	0	1	1	2	2	1	0	1	2	2	2	1	1	38
Si	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	5
VD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2
RS	1	2	1	0	1	2	1	1	0	0	1	1	1	2	2	1	1	0	0	0	1	2	2	0	1	0	1	2	1	1	1	30
Za	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	5
KP	0	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	2	1	0	0	9
Es	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	1	2	1	0	0	21
Me	0	1	0	0	1	1	1	0	0	0	0	1	1	2	1	0	0	0	0	0	1	1	1	0	0	0	0	2	1	0	0	15
Sy	0	1	0	0	0	0	1	0	0	1	1	0	1	1	0	1	0	0	0	0	0	1	1	0	0	0	1	2	0	0	0	12
Wi	1	2	1	1	1	1	1	1	0	1	1	1	2	2	1	1	1	0	0	0	1	2	2	0	0	1	1	2	1	1	1	31
Zy	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
Ni																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	2	1	1	1	28
Ma																																
Fu																																
CF	0	1	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	2	1	0	0	12
OG																																
Na																																
St																																
Ag	1	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	1	1	1	0	1	0	1	2	1	0	1	25
Mt																																
Du	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	6
Ke	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	5
Ci																																
Eb																																
Ch	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3
SM																																
SF	1	1	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	1	2	1	0	0	0	1	2	1	0	0	19
Ka																																
Ks	1	1	0	1	1	1	1	1	0	0	1	0	1	1	1	-	-	-	-	-	1	-	1	-	0	0	1	2	1	0	0	17
Tu	0	1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	8
ZS																																
DD																																
He	0	1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	2	2	0	0	0	0	1	0	0	0	11
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Te																																
Al	0	1	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	10
SJ	0	1	(0)	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	6
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2
Hu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Ap	0	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	0	0	0	1	2	1	0	0	14
Va	1	1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	2	0	0	0	0	2	1	0	0	0	11
Wa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Pi	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	10
CT	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3
To	0	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	0	8
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sums	12	38	9	6	25	18	16	12	4	5	11	10	31	39	22	18	8	1	0	1	15	38	28	2	3	4	17	61	16	5	6	481
No. of characters 0	29	9	32	34	16	24	25	29	36	35	29	30	12	7	20	24	31	38	39	38	25	8	16	37	37	36	25	1	25	35	33	815
1	10	24	7	6	23	14	14	10	4	5	11	10	25	27	18	12	8	1	0	1	15	24	20	2	3	4	13	17	14	5	6	353
2	1	7	1	0	1	2	1	1	0	0	0	0	3	6	2	3	0	0	0	0	0	7	4	0	0	0	2	22	1	0	0	64

Selected days: Five quiet -- 10, 18, 19, 20, 24
Five disturbed -- 2, 13, 14, 23, 28

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1945
SEPTEMBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	0	0	0	0	0	0	1	1	1	1	1	0	0	1	2	2	1	1	0	1	0	0	0	0	0	0	1	1		16
CC																																
Di	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	1		9
MS	-	-	-	-	-	-	-	-	-	-	2	2	2	0	0	1	2	2	2	1	1	1	0	-	1	1	2	1	1	-		22
Tl																																
Tr																																
Al																																
So																																
We	-	-	-	-	0	0	0	0	0	1	1	1	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	1		9
Sr	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	1		9
Do	1	1	0	1	1	0	0	0	0	0	1	1	1	0	0	1	2	2	1	1	1	0	0	0	0	0	0	0	1	1		17
Ya	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	1	0	0	1		8
Le	0	0	0	1	1	1	0	1	0	0	1	1	1	0	0	1	2	2	1	1	1	0	0	0	1	0	1	1	0	1		19
Sl																																
Lo	1	1	1	2	1	1	1	1	1	1	2	2	2	0	0	1	2	2	2	1	1	1	0	1	1	1	1	1	1	1		34
Sl	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	1		6
VD	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1		6
RS	1	1	1	2	1	0	0	1	1	0	2	2	1	0	0	1	2	2	2	1	1	0	0	0	1	1	1	1	1	1		28
Za	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1		8
KP	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	2	2	1	0	1	0	0	0	0	1	0	0	0	1		13
Es	1	1	0	1	1	1	1	1	0	0	1	1	1	0	0	1	2	2	1	1	1	0	0	0	1	1	1	1	1	1		24
Me	0	1	0	2	0	0	0	0	0	0	1	1	0	0	0	0	2	2	1	1	1	0	0	0	0	0	1	0	0	1		14
Sy	0	0	0	2	0	0	0	1	0	0	2	1	1	0	0	0	2	2	1	1	1	0	0	1	1	0	1	0	0	1		18
Wi	1	1	1	2	1	1	1	1	1	0	2	2	1	0	0	1	2	2	2	1	1	0	0	0	1	1	2	1	1	1		31
Zy	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1		6
Nl																																
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	1	1	1	1	1	1		30
Ma																																
Fu																																
CF	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	2	1	0	0	0	0	0	0	1	0	1	0	0	1		10
OG																																
Na																																
St																																
Ag	0	1	0	1	1	1	1	1	1	0	1	1	0	0	0	0	2	1	1	1	1	1	0	0	1	1	1	0	0	1		20
Mt																																
Du	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0		4
Ke	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1		5
Ci																																
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0		2
SM																																
SF	1	1	0	1	1	0	0	1	0	0	1	1	1	0	0	1	2	2	1	1	1	0	0	0	1	1	1	1	1	1		22
Ka																																
Ks	1	1	0	2	1	0	0	1	0	0	2	2	1	0	0	1	2	2	1	1	1	0	0	0	1	1	1	0	2	2		26
Tu	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1		6
ZS																																
DD																																
He	0	0	0	1	0	0	0	1	0	0	1	1	1	0	0	0	1	2	1	0	0	0	0	0	1	0	1	0	0	1		12
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0		2
Te																																
Al	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	1	0	1		8
SJ	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1		6
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0		3
Hu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0		2
Ap	0	0	0	1	0	1	0	1	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	1	0	1	1	0	1		14
Va	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	1		8
Wa	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0		3
Fi	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	2	1	1	0	0	1	0	0	1	0	1	0	0	1		11
CT	0	0	0	1	0		0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	0	1	0	0	1		8
To	0	0	0	1	0	1	1	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	-	0	1		8
Am	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0		3
Sums	8	11	4	38	12	8	6	14	6	5	33	29	20	1	1	13	64	64	29	15	15	6	0	2	19	10	22	10	11	34		510
No. of 0	31	28	35	7	28	32	34	26	34	35	14	17	23	40	40	28	0	0	16	26	26	35	41	38	22	31	21	31	30	7		776
char- 1	8	11	4	26	12	8	6	14	6	5	21	19	16	1	1	13	18	18	21	15	15	6	0	2	19	10	18	10	9	32		364
acters 2	0	0	0	6	0	0	0	0	0	0	6	5	2	0	0	0	23	23	4	0	0	0	0	0	0	0	2	0	1	1		73

Selected days: Five quiet -- 10, 14, 15, 23, 24
Five disturbed -- 4, 12, 17, 18, 30

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1945
OCTOBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	0	0	1	0	0	1	0	0	0	2	1	1	1	1	1	0	0	0	0	0	0	2	2	0	1	2	1	2	0	21
CC	1	1	0	0	2	1	1	2	0	0	0	2	1	2	1	2	2	1	2	0	0	1	0	2	2	0	2	2	2	2	0	34
DI	0	0	0	0	1	0	1	1	0	0	0	2	1	2	0	2	1	0	1	0	0	1	0	2	2	0	2	1	1	0	0	21
MS	1	0	0	1	1	1	2	1	0	0	0	2	1	2	1	2	2	1	2	1	1	2	0	2	2	0	2	2	2	1	0	35
Ti																																
Tr																																
Al																																
So																																
We	0	0	0	0	1	0	0	1	0	0	0	2	1	0	0	2	1	0	0	0	0	0	0	2	2	0	0	1	0	0	-	13
Sr	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	5
Do	1	0	0	0	1	0	1	1	1	0	0	1	1	1	0	2	1	0	1	1	0	1	1	2	2	1	2	2	0	0	0	24
Ya	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	2	2	0	1	1	0	0	0	10
Le	1	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	2	2	0	1	2	1	0	0	23
Sl																																
Lo	2	1	1	0	2	1	2	2	1	1	0	2	2	2	1	2	2	1	2	2	1	2	1	2	2	1	2	2	1	1	1	45
Si	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	6
VD	0	0	0	0	1	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	2	2	0	1	1	0	0	0	11
RS	2	1	0	0	2	1	2	2	1	0	0	2	2	2	1	2	2	1	2	2	1	1	0	2	2	0	2	2	1	1	0	39
Za	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	1	1	0	1	1	0	0	0	9
KP	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	0	0	0	2	2	0	1	1	0	1	0	11
Es	1	1	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	2	2	0	1	2	1	1	0	26
Me	0	0	0	0	1	0	0	1	1	0	0	2	1	1	1	1	1	1	1	0	0	1	0	2	2	0	1	1	0	0	0	19
Sy	0	0	0	0	1	1	2	0	0	0	0	2	0	1	0	1	1	0	0	0	0	0	0	2	2	0	2	2	1	0	0	18
Wi	2	1	0	0	2	1	2	1	0	0	0	2	1	2	1	2	2	1	2	2	1	1	0	2	2	0	2	2	1	1	1	37
Zy	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	2	2	0	1	1	0	0	0	9
Ni																																
Nz																																
Ab	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	31
Ma																																
Fu																																
CF	0	1	0	0	1	1	2	1	0	0	0	2	1	1	1	1	1	0	1	1	1	1	0	2	2	0	1	1	1	0	0	24
OG																																
Na																																
St																																
Ag	0	0	0	0	1	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1	0	1	0	2	1	0	1	2	1	0	0	20
Mt																																
Du	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	0	0	5
Ke	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	1	0	0	0	0	2	1	0	0	1	0	0	0	8
Ci																																
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	4
SM																																
SF	0	0	0	0	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	2	2	0	1	-	-	0	0	20
Ka																																
Ks	1	1	0	0	1	0	2	2	1	0	0	2	1	2	1	1	1	0	2	1	0	1	1	2	2	0	1	2	2	1	0	31
Tu	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	2	1	0	1	1	0	0	0	10
ZS																																
DD																																
He	1	0	0	0	1	0	1	1	0	0	0	2	1	1	1	1	0	0	2	2	0	0	1	2	2	0	1	2	1	0	0	23
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2
Te																																
Al	0	0	0	0	0	0	1	1	0	0	0	2	1	0	1	1	1	0	1	0	0	1	0	2	1	0	1	1	0	0	0	15
SJ	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	2	1	0	1	1	0	0	0	8
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	0	0	5
Hu	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	5
Ap	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	5
Va	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	1	0	0	1	0	0	1	0	1	1	0	2	2	1	0	1	15
Wa	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	3
Pi	1	0	0	0	1	0	1	1	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	2	2	0	2	2	0	0	0	15
CT	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	0	1	1	0	0	0	2	2	0	1	1	1	0	0	13
To	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	2	1	0	1	1	0	0	0	10
Am	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	3
Sums	16	9	2	1	30	10	30	25	8	1	0	61	23	26	16	44	25	10	29	20	9	19	5	74	65	3	40	54	20	12	4	691
No. of 0	29	33	40	41	16	32	19	21	34	41	42	1	21	23	26	6	22	32	20	26	33	25	37	0	1	39	12	3	24	32	37	768
char- 1	10	9	2	1	22	10	16	17	8	1	0	21	19	12	16	28	15	10	15	12	9	15	5	10	17	3	20	22	14	8	4	371
acters 2	3	0	0	0	4	0	7	4	0	0	0	20	2	7	0	8	5	0	7	4	0	2	0	32	24	0	10	16	3	2	0	160

Selected days: Five Quiet -- 3, 4, 10, 11, 26
Five disturbed -- 12, 16, 24, 25, 28

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1945
NOVEMBER--Continued

Observatory	Day																															Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	0	0	1	0	0	1	2	1	2	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0		15
CC	0	0	0	0	1	0	0	1	2	1	2	2	2	2	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0		18
Di	0	0	0	0	0	0	0	1	2	0	2	1	1	0	0	1	0	0	0	0	0	0	0	-	0	0	0	0	0	1		9
MS	0	0	0	1	1	0	1	2	2	1	2	1	1	1	1	2	1	0	0	0	1	0	1	0	1	0	0	0	1	0		21
Ti																																
Tr																																
Ai																																
So																																
We	0	0	0	0	0	0	0	0	2	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0		7
Sr	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		3
Do	0	0	0	1	1	0	1	2	2	1	2	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0		16
Ya																																
Le	0	0	0	1	1	0	0	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0		14
Sl																																
Lo	1	1	1	1	2	0	1	2	2	2	2	2	1	1	1	2	2	0	0	0	1	1	1	1	1	0	0	0	2	1		32
Si	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6
VD	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5
RS	0	1	1	1	1	0	0	2	2	1	2	2	1	1	1	2	1	0	0	0	1	1	1	0	1	0	0	1	2	0		26
Za	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0		6
KP	0	0	0	0	0	0	0	1	2	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6
Es	0	0	0	1	1	0	0	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0		14
Me	0	0	0	0	1	0	0	0	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0		12
Sy	0	0	0	1	1	0	-	-	2	1	2	2	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	2	0		17
Wi	0	0	1	1	1	0	0	2	2	1	2	2	1	1	1	2	1	0	0	0	1	1	1	0	1	0	1	0	2	0		25
Zy	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4
Ni																																
Nz																																
Ab	1	1	1	1	1	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	1	1	1		26
Ma																																
Fu																																
CF	0	0	0	0	1	0	0	1	2	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0		11
OG																																
Na																																
St																																
Ag	0	0	0	0	1	0	0	1	2	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0		12
Mt																																
Du	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
Ke	0	0	0	0	0	0	0	1	2	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6
Cl																																
Eb																																
Ch	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
SM																																
SF	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	0	-	-	0	0	0	0	0	0	0	0	0	0	0		11
Ka																																
Ks	0	1	1	1	1	0	0	2	2	1	1	1	1	0	2	2	0	0	1	0	1	1	1	0	1	1	1	1	2	0		26
Tu	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0		5
ZS																																
DD																																
He	0	0	0	1	1	0	0	1	1	0	1	2	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0		13
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
Te																																
Al	0	0	0	1	1	0	0	1	2	0	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0		11
SJ	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6
An																																
Ku																																
El	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
Hu	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
Ap	0	0	0	0	0	0	0	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	1	0		1
Va	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0		5
Wa	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
Pi	0	0	0	1	0	0	0	2	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		8
CT	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		3
To	0	0	0	1	1	0	0	1	1	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0		10
Am	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
Sums	2	4	5	16	20	0	3	34	64	18	39	35	22	13	21	37	18	1	2	0	9	5	6	1	6	1	3	3	26	3		417
No. of 0	39	37	36	25	22	41	37	12	0	23	10	12	19	28	20	11	23	38	37	40	31	35	34	39	35	40	38	38	20	38		858
char- 1	2	4	5	16	18	0	3	20	18	16	21	21	20	11	19	21	16	1	2	0	9	5	6	1	6	1	3	3	16	3		287
acters 2	0	0	0	0	1	0	0	7	23	1	9	7	1	1	1	8	1	0	0	0	0	0	0	0	0	0	0	0	5	0		65

Selected days: Five quiet -- 1, 2, 6, 24, 26
Five disturbed -- 9, 11, 12, 16, 29

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1945
DECEMBER--Concluded

Observatory	Day																															Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	0	0	0	1	1	2	2	1	0	0	2	2	2	0	1	1	2	2	1	0	1	1	2	2	2	2	1	1	1	33
CC	0	0	0	1	1	2	1	2	2	0	0	0	2	2	2	0	2	1	2	2	0	0	2	2	2	2	2	2	2	1	1	38
DI	0	0	0	0	1	2	0	1	1	0	0	0	2	2	0	0	1	0	1	2	0	0	1	0	2	2	2	2	-	0	-	22
MS	0	1	0	0	1	2	1	1	1	0	0	0	2	2	1	0	1	1	2	2	0	-	1	2	2	2	2	1	0	-	-	28
Ti																																
Tr																																
Al																																
So																																
We	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	0	1	0	0	1	1	0	0	1	1	1	1	1	1	1	1	15
Sr	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	9
Do	0	0	0	0	1	0	0	1	1	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Ya	0	0	0	0	0	1	0	1	1	0	0	0	2	2	0	0	1	0	1	1	1	0	1	1	-	1	2	1	1	0	0	18
Le	0	0	0	0	1	1	0	1	1	0	0	0	1	2	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1	0	0	19
Sl																																
Lo	0	1	0	0	1	2	2	2	2	0	0	1	2	2	2	1	2	1	2	2	2	0	2	1	2	2	2	2	2	1	1	42
Si	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	1	0	0	0	1	0	0	0	1	1	1	1	0	0	0	9
VD	0	0	0	0	0	1	0	1	0	0	0	0	1	2	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	14
RS	0	1	0	0	1	1	1	1	1	0	0	1	2	2	2	1	2	0	2	2	2	0	2	1	2	2	2	2	1	1	1	36
Za	0	0	0	0	0	1	0	1	1	0	0	0	1	2	0	0	0	0	1	1	0	0	1	1	2	1	1	1	1	0	0	16
KP	0	0	0	0	0	1	0	1	1	0	0	0	1	2	0	0	0	0	0	1	0	0	0	0	1	1	2	1	0	0	0	12
Es	0	0	0	0	1	1	0	1	1	0	0	0	1	2	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1	0	0	19
Me	0	0	0	0	0	1	1	1	1	0	0	0	1	2	1	0	1	0	1	1	1	0	0	1	1	2	2	1	1	1	1	22
Sy	0	1	0	0	1	1	1	2	1	0	0	0	2	2	1	0	2	0	2	2	2	0	2	1	2	2	2	2	1	0	0	32
Wi	0	1	0	0	1	1	1	1	1	0	0	1	2	2	2	1	2	0	2	2	2	0	2	1	2	1	2	2	1	1	1	35
Zy	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1	0	1	1	0	0	1	1	2	2	2	1	0	0	0	16
Ni																																
Nz																																
Ab	0	1	1	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
Ma																																
Fu																																
CF	0	0	0	0	1	1	0	1	1	0	0	0	2	2	0	0	1	0	1	1	1	0	1	1	2	1	1	1	1	0	0	20
OG																																
Na																																
St																																
Ag	0	0	0	0	0	1	1	1	1	0	0	0	1	2	1	0	1	0	1	1	2	0	1	1	1	1	1	1	1	1	1	22
Mt																																
Du	0	0	0	0	0	1	0	0	0	0	0	0	1	2	0	0	0	0	1	1	0	0	1	1	1	1	1	1	0	0	0	12
Ke	0	0	0	0	0	1	0	0	0	0	0	0	2	2	0	0	1	0	2	1	0	0	1	1	2	1	2	1	0	0	0	17
Ci																																
Eb																																
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	5
SM																																
SF	0	0	0	0	1	1	1	1	1	0	0	0	2	2	0	1	1	0	2	-	-	0	1	1	2	1	-	-	-	0	0	18
Ka																																
Ks	0	1	0	0	1	2	1	1	1	0	0	1	2	2	1	0	-	0	2	2	2	1	2	2	2	2	2	2	1	1	1	35
Tu	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	0	0	0	11
ZS																																
DD																																
He	0	0	0	0	1	1	0	0	0	0	0	0	2	2	1	1	0	0	2	1	1	0	1	2	2	1	2	1	1	0	1	23
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	3
Te																																
Al	0	0	0	0	0	1	0	0	0	0	0	0	2	2	0	1	1	0	1	1	1	0	1	1	1	1	1	1	0	0	0	16
SJ	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	1	1	1	1	1	1	0	0	0	11
An																																
Ku																																
El	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	7
Hu	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	1	0	1	0	0	0	0	7
Ap	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	1	0	0	0	1	1	1	0	0	0	0	0	8
Va	0	0	0	0	0	0	0	1	0	0	0	0	2	2	0	1	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	11
Wa	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	1	1	0	1	1	1	1	1	1	0	0	0	12
P1	0	0	0	0	1	1	1	0	0	0	1	0	2	2	0	1	1	0	2	2	1	0	1	1	1	0	1	1	0	0	1	21
CT	0	0	0	0	0	1	0	1	0	0	0	0	1	2	0	0	1	0	0	1	1	0	1	1	2	1	1	1	0	0	0	15
To	0	0	0	0	0	1	1	1	1	0	0	0	1	2	0	1	1	0	1	1	1	0	1	1	1	1	1	1	1	0	1	20
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	5
Sums	0	7	1	1	16	35	15	30	24	2	2	5	54	75	19	10	31	5	44	49	28	2	36	39	54	47	50	42	21	10	13	767
No. of 0	42	35	41	41	26	12	28	16	21	40	40	37	5	0	27	31	14	36	9	1	18	38	11	6	2	4	5	6	20	30	26	668
char- 1	0	7	1	1	16	25	13	22	18	2	2	5	18	7	9	10	21	5	20	29	16	2	24	31	22	27	20	26	17	10	13	439
acters 2	0	0	0	0	0	5	1	4	3	0	0	0	18	34	5	0	5	0	12	10	6	0	6	4	16	10	15	8	2	0	0	164

Selected days: Five quiet -- 1, 3, 4, 11, 22
Five disturbed -- 14, 20, 25, 26, 27

Days recommended for reproduction of magnetograms -- 14

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1946
JANUARY

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	2	2	0	1	1	1	0	0	2	1	0	0	0	0	2	2	1	0	0	1	1	2	2	2	1	1	1	0	2	30
CC	2	1	2	0	2	0	1	0	0	0	2	1	0	0	0	1	1	2	1	0	0	0	2	2	2	2	0	0	1	1	1	27
DI	1	1	2	2	0	1	2	0	0	0	2	1	0	0	0	0	1	2	0	0	0	0	2	2	1	1	0	0	0	0	0	21
MS	2	2	2	2	1	1	2	2	1	1	2	1	0	0	1	1	2	2	1	0	1	1	2	2	2	2	0	1	1	1	-	39
Ti	2	1	-	2	0	1	1	0	0	0	2	1	0	0	0	0	1	2	1	0	0	1	1	2	2	2	0	0	1	0	1	24
Tr																																
Ai																																
So																																
We	-	1	2	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	-	11
Sr																																
Do	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ya																																
Le	1	1	2	2	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	20
Sl																																
Lo	2	2	2	2	1	2	2	1	1	1	2	1	1	0	1	1	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1	45
Si	0	0	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	7
VD	1	0	2	2	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	2	1	1	0	0	0	0	0	13
RS	2	1	2	2	1	2	2	1	0	1	2	1	1	0	1	1	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	41
Za	1	1	2	1	0	1	1	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	12
KP	1	1	2	2	0	1	1	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	15
Es	1	1	2	2	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	23
Me	1	0	2	2	1	1	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	1	2	1	1	0	0	1	0	0	18
Sy	1	0	2	2	1	2	2	0	0	0	2	0	0	0	0	0	1	2	1	0	0	2	2	2	1	2	0	0	0	0	1	26
Wi	1	2	2	2	1	2	2	1	0	1	2	1	1	0	1	1	1	2	1	1	1	1	2	2	2	2	1	1	1	1	1	40
Zy	1	0	2	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	11
Ni																																
Nz																																
Ab	1	1	2	2	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	30
Ma	1	1	2	2	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	1	1	1	18
Fu																																
CF	1	1	2	2	0	1	1	0	0	0	1	0	0	0	0	0	1	1	1	0	0	1	1	2	1	1	0	0	0	0	0	18
OG																																
Na	1	1	2	2	0	1	1	0	0	0	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	17
St																																
Ag	1	1	2	2	1	1	0	0	0	0	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	20
Mt																																
Du	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4
Ke	0	0	2	2	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	2	1	1	0	0	0	0	0	10
Ci																																
Eb	1	1	2	2	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	0	1	1	2	1	1	1	1	1	1	1	1	30
Ch	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3
SM	1	1	2	2	0	1	1	0	0	1	1	1	0	0	0	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	19
SF	1	1	2	2	1	1	1	0	0	1	1	0	0	0	0	1	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	19
Ka	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	6
Ks	1	2	2	2	1	1	1	0	0	2	1	1	1	0	1	0	2	-	1	0	1	2	2	2	1	2	0	1	1	0	1	32
Tu	0	0	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	7
ZS																																
DD																																
He	1	1	2	2	0	1	1	0	0	1	1	0	0	0	0	0	1	1	0	0	0	1	2	2	1	1	0	0	0	0	1	20
Ta																																
AT																																
Ho	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3
Te	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Al	1	1	2	2	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	0	1	1	1	2	1	1	1	1	1	0	1	28
SJ	1	0	2	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	9
An																																
Ku																																
El	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4
Hu	0	0	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	6
Ap	0	0	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	-	1	0	1	0	1	0	0	0	0	0	9
Va	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	7
Wa	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4
Pi	1	1	2	1	1	0	0	0	1	0	1	0	0	0	1	1	0	1	0	0	0	1	1	1	1	1	0	0	0	1	0	17
CT	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5
To	1	0	2	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	0	0	1	0	0	16
Am	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4
Sums	38	31	86	72	19	30	30	9	3	14	47	18	6	0	9	15	33	37	22	3	9	27	43	63	36	43	7	9	15	10	15	799
No. of 0	13	20	0	1	28	20	22	38	43	33	8	28	40	46	37	31	18	17	25	43	36	22	13	1	17	12	39	37	31	36	30	785
char- 1	26	21	4	18	17	22	18	7	3	12	29	18	6	0	9	15	23	19	20	3	9	21	23	27	22	25	7	9	15	10	13	471
acters 2	6	5	41	27	1	4	6	1	0	1	9	0	0	0	0	0	5	9	1	0	0	3	10	18	7	9	0	0	0	0	1	164

Selected days: Five quiet -- 9, 13, 14, 20, 21
Five disturbed -- 3, 4, 11, 24, 26

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1946
FEBRUARY--continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	1	2	1	0	2	2	2	2	0	1	1	2	1	0	0	0	1	2	1	0	2	0	1	0	0	0				25
CC	0	1	1	1	1	0	2	2	0	0	0	1	0	-	0	0	0	-	-	-	1	-	-	-	0	0	0	0				10
DI	0	0	1	0	0	1	2	2	0	0	0	1	0	1	0	0	0	0	1	1	2	1	2	1	1	0	0	0				17
MS	0	1	2	2	1	1	2	2	1	1	0	2	0	1	1	0	0	1	1	1	1	1	2	1	1	1	0	0				27
TI	0	0	1	1	1	0	2	2	1	1	0	2	1	2	1	0	0	0	2	2	2	1	2	1	1	0	0	0				26
Tr																																
AI																																
So																																
We	0	0	0	1	0	0	2	2	0	0	0	1	1	1	2	0	0	0	0	1	0	2	0	1	0	0	0	0				14
Sr	0	0	0	0	0	0	2	2	0	0	0	0	0	1	0	0	0	0	1	1	2	0	1	0	0	0	0	0				10
Do	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
Ya	0	0	1	1	0	0	2	2	1	1	0	0	0	1	1	0	0	0	1	1	2	1	1	1	0	0	0	0				17
Le	0	0	1	1	1	1	2	2	1	1	0	1	1	1	1	0	0	1	2	2	2	1	1	1	1	0	0	0				25
Sl																																
Lo	0	1	1	2	1	1	2	2	2	2	1	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	0	1				41
Si	0	0	0	0	0	0	2	2	0	0	0	0	1	1	0	0	0	0	1	0	1	1	1	0	0	0	0	0				10
VD	0	0	1	1	1	0	2	2	1	1	0	1	1	1	1	0	0	0	1	1	2	0	1	1	0	0	0	0				19
RS	0	1	1	1	1	2	2	2	1	2	1	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	0	0				39
Za	0	0	1	1	1	0	2	2	1	1	0	1	1	1	0	0	0	0	1	1	1	1	1	1	0	1	0	0				19
KP	0	0	1	1	0	0	2	2	0	1	0	0	1	1	1	0	0	0	1	1	1	0	1	0	0	0	0	0				14
Es	0	0	1	1	1	1	2	2	1	1	0	1	1	1	1	0	0	1	2	2	2	1	1	1	1	0	0	0				25
Me	0	1	0	1	1	1	2	2	1	1	1	1	1	2	1	0	0	0	2	1	2	1	2	1	1	0	0	0				26
Sy	0	0	1	0	1	1	2	2	1	2	0	0	2	2	2	0	0	0	2	2	2	1	2	1	1	0	0	0				27
Wi	0	1	1	2	1	2	2	2	1	2	1	1	2	2	2	1	1	1	2	2	2	2	2	1	1	1	0	0				38
Zy	0	0	1	1	0	0	2	2	0	0	0	0	0	2	0	0	0	0	1	1	2	0	1	0	0	0	0	0				13
Ni																																
Nz																																
Ab	0	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	0				28
Ma	-	1	-	-	-	-	2	2	1	1	0	1	1	1	1	0	-	-	-	-	-	-	2	1	0	0	0	1				15
Fu																																
CF	0	1	1	1	1	0	2	2	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0				18
OG																																
Na	0	1	1	1	1	1	2	2	1	1	0	1	1	1	1	0	0	0	1	2	2	1	1	1	1	0	0	0				24
St																																
Ag	0	1	1	1	1	1	2	2	1	1	1	0	1	2	1	0	1	0	1	1	2	1	1	1	1	1	0	0				26
Mt																																
Du	0	0	0	0	0	0	2	2	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0				8
Ke	0	0	0	0	0	0	2	2	0	0	0	0	0	2	1	0	0	0	2	1	1	0	1	0	0	0	0	0				12
Ci																																
Eb	0	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	0	0				32
Ch	0	0	0	0	0	0	2	2	0	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0	0	0	0	0				8
SM	0	0	0	1	1	1	2	2	1	1	0	0	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0				18
SF	0	1	1	1	1	1	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0				24
Ka	0	1	0	1	0	0	1	2	1	0	0	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0				12
Ks	1	1	2	0	0	1	2	2	1	1	0	1	1	-	-	-	-	-	2	2	2	2	2	1	2	2	0	1				29
Tu	0	0	0	0	0	0	2	2	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0				10
ZS																																
DD																																
He	0	1	1	1	1	1	2	2	0	0	0	0	1	2	1	1	1	1	2	2	2	1	1	1	1	0	0	0				26
Ta																																
AT																																
Ho	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0				6
Te	0	0	0	0	0	0	2	2	2	2	1	0	0	0	0	0	0	0	0	1	2	1	1	1	0	0	0	1				16
Al	1	1	1	1	1	1	2	2	1	1	0	1	1	2	1	1	1	1	2	1	2	1	1	1	1	0	0	1				30
SJ	0	0	1	0	1	0	2	2	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0				13
An																																
Ku																																
El	0	0	0	0	0	0	2	2	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0				7
Hu	0	0	0	0	0	0	2	2	0	0	0	0	0	1	1	0	0	0	1	0	1	1	0	0	0	0	0	0				9
Ap	0	0	0	0	1	1	2	2	1	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	1	0	0	0				16
Va	0	0	1	1	1	1	2	2	1	1	0	1	1	2	1	1	1	1	2	2	1	1	1	1	1	0	0	1				28
Wa	0	0	0	0	0	0	2	2	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0				7
Pi	0	0	2	0	1	2	2	2	0	0	0	0	1	1	0	1	0	1	2	2	2	1	1	1	0	0	0	0				22
CT	0	0	1	1	0	0	2	2	0	0	0	0	0	1	1	1	0	0	2	1	2	1	0	0	0	0	0	0				15
To	0	1	1	1	1	1	2	2	1	0	0	0	0	1	1	0	1	0	1	1	1	1	1	1	1	0	0	0				20
Am	0	0	0	0	0	0	1	2	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0				6
Sums	2	19	33	33	27	25	94	96	30	32	8	26	31	56	38	12	11	13	59	54	68	40	50	31	23	10	0	6				927
No. of 0	45	29	17	18	20	25	0	0	21	23	40	26	21	3	14	35	35	32	3	7	0	11	9	18	26	39	48	42				607
char- 1	2	19	27	25	27	19	2	0	24	18	8	18	23	30	28	12	11	13	27	24	24	30	26	27	21	8	0	6				499
acters 2	0	0	3	4	0	3	46	48	3	7	0	4	4	13	5	0	0	0	16	15	22	5	12	2	1	1	0	0				214

Selected days: Five quiet -- 1, 11, 26, 27, 28
Five disturbed -- 7, 8, 14, 19, 21

Days recommended for reproduction of magnetograms -- 7, 8

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1946
MARCH--continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	2	1	0	2	2	1	2	0	1	2	2	0	1	1	0	1	2	0	0	0	0	2	1	2	2	2	1	2	1	0	-	33
CC	2	0	0	2	2	2	2	1	-	2	2	0	0	0	1	1	2	0	0	1	0	2	0	-	-	2	1	2	1	0	-	28
DI	1	0	0	1	1	1	0	0	1	2	2	0	0	0	1	0	2	0	0	1	0	1	1	2	2	2	2	1	0	1	-	25
MS	1	1	0	2	2	1	1	1	1	2	2	0	0	0	1	0	2	1	0	1	1	1	1	2	2	2	2	2	0	1	1	34
TI	1	0	0	2	2	1	1	0	1	2	2	0	1	1	2	0	2	1	0	1	1	1	2	2	2	2	2	2	2	1	1	38
Tr																																
Ai																																
So																																
We	1	-	0	1	1	1	0	0	0	2	0	1	0	0	0	0	-	2	2	2	1	2	1	0	-	-	-	-	-	-	-	17
Sr	0	0	0	0	1	0	0	0	0	2	1	0	0	0	0	0	1	0	0	0	0	1	1	2	2	2	1	2	2	0	-	18
Do	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ya	1	0	0	1	1	1	0	0	1	2	1	0	0	0	1	0	1	0	0	0	0	1	1	2	2	2	1	2	1	0	1	23
Le	1	1	0	1	1	1	0	0	1	2	1	0	0	0	1	0	1	1	0	1	1	1	1	2	2	2	1	2	1	0	1	27
Sl																																
Lo	2	2	1	2	2	1	1	1	2	2	2	0	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	2	50
Si	1	0	0	0	1	0	0	0	1	1	1	0	0	0	1	0	1	0	0	0	0	1	0	2	2	1	1	2	1	0	0	17
VD	1	1	0	1	1	1	0	0	1	2	1	0	0	0	1	0	1	0	0	0	0	1	1	2	2	1	1	2	1	0	0	23
RS	2	2	1	2	2	1	1	1	2	2	2	0	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	1	2	47
Za	1	1	0	1	1	1	1	0	1	1	1	0	0	0	1	0	1	0	0	1	0	1	1	2	2	1	1	2	1	0	1	24
KP	1	0	0	1	1	0	0	0	1	2	1	0	0	0	0	0	1	0	0	0	0	1	1	2	2	1	1	2	1	0	0	19
Es	1	1	0	1	1	1	0	0	1	2	1	0	0	0	1	0	1	1	0	1	1	1	1	2	2	2	1	2	1	0	1	27
Me	2	1	0	1	1	1	1	0	1	2	1	0	0	0	2	0	1	1	1	1	1	2	2	2	2	2	1	2	1	0	1	33
Sy	2	2	0	2	2	1	1	0	2	-	1	0	0	0	1	0	2	0	0	1	1	2	2	2	2	2	2	2	2	0	2	36
Wi	2	2	1	2	2	1	1	1	2	2	2	0	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	1	2	48
Zy	1	0	0	1	1	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	1	1	2	2	1	1	2	2	0	0	19
Nl	1	0	0	1	1	1	0	0	1	1	1	0	0	0	0	0	1	0	0	1	0	1	1	1	2	1	1	2	1	0	0	19
Nz																																
Ab	1	1	1	1	1	1	1	1	1	2	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	34
Ma	1	0	0	1	0	0	0	0	2	2	1	0	0	1	1	1	1	0	0	1	1	1	2	2	2	1	2	2	1	0	1	27
Fu																																
CF	1	1	0	1	1	1	1	0	1	2	1	0	0	0	1	0	1	1	0	1	1	2	1	2	2	1	1	2	1	0	0	27
OG																																
Na	1	1	0	1	1	1	1	0	1	2	1	0	0	0	0	0	1	0	0	1	1	1	1	2	2	2	1	2	1	0	1	26
St																																
Ag	2	1	0	1	1	1	1	0	1	2	1	0	0	1	1	0	1	1	1	1	1	1	1	2	2	2	1	2	2	0	1	32
Mt	1	1	0	1	1	1	1	0	1	2	1	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	1	-	30
Du	1	1	0	1	1	1	0	0	1	2	1	0	0	0	0	0	1	0	0	0	0	1	1	2	2	1	0	2	2	0	0	21
Ke	1	0	0	1	1	0	0	0	2	2	1	0	0	0	1	0	1	0	0	0	0	2	1	2	2	2	1	2	2	0	0	24
Cl																																
Eb	1	1	1	2	1	1	1	1	2	2	2	0	0	1	1	1	1	0	1	1	1	1	2	2	2	2	1	2	1	1	1	37
Ch	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1	2	2	1	1	2	1	0	0	15
SM	1	1	0	1	1	1	1	0	1	2	2	0	0	0	0	0	1	0	0	1	0	1	1	2	2	1	1	2	1	1	0	25
SF	1	1	1	1	1	1	1	1	1	2	1	0	0	0	1	0	1	1	0	1	1	1	1	2	2	1	1	2	1	0	1	29
Ka	1	1	1	0	1	0	0	0	0	1	1	0	0	0	1	0	1	0	0	1	0	1	1	2	2	2	1	2	2	1	1	24
Ks	1	2	0	2	1	1	1	0	2	2	1	0	0	0	2	0	2	1	-	-	1	2	-	-	2	2	-	2	2	1	1	31
Tu	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	2	2	1	1	2	1	0	0	14
ZS																																
DD																																
He	2	2	0	1	2	1	0	0	2	2	2	0	0	0	1	1	1	0	1	1	2	2	2	2	2	2	1	2	2	0	1	37
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	2	0	0	0	9
Te	2	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	0	0	0	24
Al	1	1	1	1	1	1	1	1	2	2	2	0	0	0	2	1	2	1	1	1	1	2	2	2	2	2	2	2	2	0	1	40
SJ	1	1	0	1	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	1	1	2	2	1	1	2	1	0	1	20
An																																
Ku																																
El	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	0	2	1	0	0	11
Hu	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	2	2	1	1	2	1	0	0	15
Ap	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1	2	2	2	1	2	2	0	0	18
Va	1	1	0	1	1	1	0	1	1	2	1	0	0	0	0	0	1	0	0	1	0	1	1	2	2	1	1	2	1	0	1	24
Wa	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	1	0	2	1	0	0	10
Pi	2	0	0	1	1	1	0	0	1	2	1	0	0	0	0	0	1	1	1	0	0	1	2	2	2	2	1	2	2	0	1	27
CT	1	1	0	1	1	1	1	0	1	2	1	0	0	0	0	0	1	0	0	0	0	1	1	2	2	1	1	2	1	0	0	22
To	1	1	0	1	1	1	1	0	1	1	1	0	0	0	1	0	1	0	0	1	1	1	1	2	2	1	1	2	1	0	1	25
Am	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	2	1	0	0	9
Sums	57	35	8	48	52	34	24	10	49	83	58	1	6	9	33	11	55	18	14	30	25	63	53	91	96	73	53	97	65	12	29	1292
No. of 0	4	20	42	12	7	17	28	40	11	0	5	49	44	41	21	39	5	33	37	21	28	1	8	1	0	1	5	0	3	37	19	579
char- 1	35	23	8	28	34	32	20	10	27	15	32	1	6	9	25	11	33	16	10	26	19	35	29	3	0	23	33	1	27	12	21	604
acters 2	11	6	0	10	9	1	2	0	11	34	13	0	0	0	4	0	11	1	2	2	3	14	12	44	48	25	10	48	19	0	4	344

Selected days: Five quiet -- 3, 12, 13, 14, 16
Five disturbed -- 10, 22, 24, 25, 28

Days recommended for reproduction of magnetograms -- 25, 28

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1946
APRIL--continued

Observatory	Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Sum
BT	2	2	0	0	0	0	0	1	2	0	0	0	2	1	2	0	0	0	0	0	0	0	2	2	1	2	1	1	0	0		21
CC	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-		2
DI	2	2	1	0	0	1	0	0	2	0	0	0	2	1	2	0	0	0	0	0	0	0	2	2	0	0	0	1	1	0		19
MS	2	1	1	1	1	1	1	1	1	0	0	1	2	2	2	1	0	0	0	0	0	1	2	2	1	1	2	1	1	0		29
TI	2	2	1	1	1	1	1	1	2	1	0	0	2	2	2	1	0	1	0	0	0	2	2	2	1	0	0	1	1	0		30
Tr																																
Al																																
So																																
We	0	0	0	0	0	0	0	0	1	0	0	0	1	2	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0		10
Sr	2	0	0	0	0	0	0	0	1	0	0	0	1	1	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0		11
Do	-	-	-	-	-	-	1	0	2	1	0	0	2	1	2	0	1	1	0	0	0	1	2	2	2	1	1	1	1	0		22
Ya	0	1	0	0	0	0	0	0	1	0	0	1	1	1	2	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0		12
Le	1	1	0	0	1	0	1	0	1	1	0	1	1	1	2	1	0	0	0	0	0	1	2	2	1	1	1	1	1	0		22
Sl																																
Lo	2	2	1	1	2	1	2	1	2	2	0	2	2	2	2	2	2	1	1	1	0	2	2	2	2	2	2	2	2	1		48
Si	0	1	0	0	0	0	0	0	1	0	0	0	0	1	2	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0		10
VD	0	1	0	0	0	0	0	0	1	0	0	1	1	1	2	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0		12
RS	2	2	1	1	2	1	1	1	2	2	0	2	2	2	2	2	1	1	1	1	0	2	2	2	2	1	2	1	2	1		44
Za	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	2	1	0	0	0	1	0	0		9
KP	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0		9
Es	1	1	1	0	1	0	1	1	1	0	0	1	1	1	2	1	0	0	0	0	0	1	2	2	1	1	1	1	1	0		23
Me	2	1	1	1	0	0	1	1	2	1	0	1	1	2	2	0	0	1	0	0	0	2	2	2	1	1	1	1	1	0		28
Sy	1	2	0	0	1	1	1	1	2	1	0	2	2	2	2	1	0	0	0	0	0	1	2	2	0	0	1	1	1	0		27
Wi	2	2	1	1	1	1	1	1	2	1	1	2	2	2	2	1	1	1	1	1	0	2	2	2	2	1	1	1	1	1		40
Zy	0	0	0	0	0	0	0	0	1	0	0	1	1	1	2	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0		11
Ni	1	1	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0		10
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2	2	1	1	1	1	1	1		31
Ma	1	1	0	0	0	1	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	1	2	2	0	1	0	1	0	0		17
Fu																																
CF	1	1	0	0	1	0	1	0	2	0	0	1	1	1	2	0	0	0	0	0	0	2	2	2	0	0	0	1	1	0		19
OG																																
Na	1	1	0	0	0	0	1	0	1	0	0	1	1	1	2	1	0	0	0	0	0	1	2	2	1	0	0	0	1	0		17
St																																
Ag																																
Mt																																
Du	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0		9
Ke	0	1	0	0	0	0	0	0	1	0	0	1	1	1	2	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0		12
Ci																																
Eb	1	1	1	1	1	1	1	1	2	1	0	1	2	1	2	0	0	0	1	0	0	1	2	2	1	1	1	1	1	1		29
Ch	0	1	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0		9
SM	1	1	1	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	0	1	1	2	1	0	0	0	1	0		15
SF	1	1	0	0	1	1	1	1	1	1	0	1	1	1	2	-	0	0	0	0	0	1	2	2	1	0	0	1	0	0		20
Ka	1	1	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0		10
Ks	2	1	1	0	1	1	1	1	-	1	1	2	2	-	-	-	-	1	1	0	0	2	2	2	2	1	0	2	1	0		28
Tu	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0		8
ZS																																
DD																																
He	1	1	1	1	1	0	1	1	2	1	0	2	2	1	2	0	0	0	0	0	0	2	2	2	2	0	0	1	0	0		26
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0		4
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0		7
Al	1	1	0	0	1	0	1	0	2	0	0	1	1	1	2	0	0	0	0	0	0	1	2	2	0	0	0	0	1	0		17
SJ	1	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	1	2	2	1	0	0	1	0	0		12
An																																
Ku																																
El	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0		6
Hu	0	1	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0		8
Ap	1	1	0	0	0	0	1	0	1	0	0	1	1	1	1	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0		14
Va	1	1	0	0	1	0	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	1	2	2	1	0	0	1	0	0		17
Wa	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0		6
Pi	1	1	0	0	0	1	1	0	1	0	0	2	0	1	2	0	0	0	0	0	0	0	2	2	1	0	1	1	0	0		17
CT	0	1	0	0	0	0	0	0	1	0	0	0	1	1	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0		10
To	1	1	0	0	0	0	1	1	1	0	0	0	1	1	2	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0		15
Am	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0		6
Sums	39	42	13	9	18	13	23	18	57	15	3	36	54	52	75	13	6	8	6	4	0	43	90	89	30	16	16	25	20	5		838
No. of 0	19	13	35	39	32	35	27	31	4	36	46	20	7	4	1	36	43	41	43	45	48	13	0	0	25	34	35	25	30	43		810
char- 1	19	28	13	9	14	13	21	18	31	11	3	22	30	36	19	9	4	8	6	4	0	27	6	7	16	12	10	21	16	5		438
acters 2	10	7	0	0	2	0	1	0	13	2	0	7	12	8	28	2	1	0	0	0	0	8	42	41	7	2	3	2	2	0		200

Selected days: Five quiet -- 11, 19, 20, 21, 30
Five disturbed -- 9, 14, 15, 23, 24

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1946
MAY--continued

Observatory	Day																															Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	0	1	0	2	2	2	2	2	2	1	1	0	0	0	1	1	0	1	1	2	2	2	2	1	0	1	1	0	1	33
CC	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	1	1	0	0	0	2	2	2	2	2	0	0	1	1	1	0	15
Di	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	1	0	0	2	2	2	2	1	0	0	0	0	0	0	15
MS	1	1	1	1	1	2	2	2	2	1	2	0	1	0	0	1	1	1	0	1	2	2	2	2	1	1	0	1	1	1	1	35
Ti	1	1	1	1	0	2	2	2	2	2	2	0	0	0	0	0	1	0	1	-	2	2	2	2	1	1	0	1	1	0	-	30
Tr																																
Ai																																
So																																
We	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	2	2	2	1	0	0	0	0	1	1	-	17
Sr	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	5
Do	1	1	0	1	0	2	2	2	2	1	2	0	1	0	0	0	1	1	0	2	2	2	2	2	1	1	0	1	2	1	2	35
Ya	0	0	0	0	0	1	1	1	1	1	2	0	0	0	0	0	1	1	0	1	1	2	1	1	1	0	0	0	0	-	-	16
Le	0	1	0	1	0	1	2	1	2	1	1	0	0	0	0	0	1	1	0	1	1	2	2	1	1	1	0	1	1	1	1	25
Sl																																
Lo	2	2	1	2	1	2	2	2	2	2	2	1	2	1	1	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	2	52
Si	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	10
VD	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	12
RS	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	2	2	0	2	2	2	2	2	2	1	1	1	1	1	2	45
Za	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	10
KP	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	8
Es	0	1	0	1	0	1	2	1	2	1	1	0	0	0	0	0	1	1	0	1	1	2	2	1	1	1	0	1	1	0	1	24
Me	1	1	0	1	0	1	2	2	2	1	2	1	1	0	0	1	1	1	1	1	2	2	2	2	2	1	0	1	1	0	2	35
Sy	1	1	1	1	1	2	2	2	2	1	2	0	0	0	0	0	1	1	0	1	2	2	2	1	1	0	0	1	1	0	0	29
Wi	1	1	1	1	1	2	2	2	2	1	2	1	1	0	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	41
Zy	0	0	0	0	0	1	1	1	1	0	2	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	0	0	0	0	0	13
Ni	0	0	0	1	0	1	1	1	1	0	1	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	13
Nz																																
Ab	1	1	1	1	1	2	1	1	2	1	2	1	1	1	1	1	1	1	0	1	1	2	2	1	1	1	1	1	1	1	1	35
Ma	0	0	0	0	1	2	2	1	1	1	2	0	0	0	0	0	1	1	0	1	1	2	2	1	1	0	0	0	0	0	1	21
Fu																																
CF	0	0	0	0	0	2	1	2	1	1	2	0	0	0	0	1	1	1	0	1	1	2	2	1	1	1	0	0	0	0	1	22
OG																																
Na	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	1	2	1	1	1	0	0	0	0	0	1	16
St																																
Ag																																
Mt	0	0	0	0	1	2	2	2	1	1	2	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	0	0	0	1	0	19
Du	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	9
Ke	0	0	0	0	0	2	2	2	2	1	2	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	16
Ci																																
Eb	1	1	1	1	1	2	2	1	2	1	2	1	1	1	0	1	1	1	0	1	1	2	2	1	1	1	1	1	1	1	1	35
Ch	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	11
SM	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	12
SF	0	0	1	1	1	2	1	1	1	1	2	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	0	1	1	0	1	23
Ka	0	0	0	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6
Ks	0	0	1	1	2	2	2	2	2	2	2	2	1	1	1	1	2	2	0	2	2	2	2	2	1	1	0	0	0	1	1	40
Tu	0	0	0	0	0	1	-	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	7
ZS																																
DD																																
He	0	0	1	0	1	2	1	2	1	1	2	0	0	0	0	0	0	0	0	2	1	1	2	1	1	1	0	0	0	0	1	21
Ta																																
AT																																
Ho	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	5
Te	0	0	0	0	1	2	2	0	0	1	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	12
Al	0	0	1	0	1	2	2	1	1	1	1	0	0	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0	0	1	17
SJ	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	10
An																																
Ku																																
El	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	6
Hu	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	10
Ap	0	0	0	-	-	1	1	1	1	0	1	0	0	0	0	0	0	0	-	-	1	1	1	0	0	0	0	0	0	0	0	8
Va	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	16
Wa	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	7
Pi	1	0	0	0	1	1	2	1	1	2	2	0	0	0	0	0	0	1	0	2	1	2	1	1	0	0	0	1	0	1	1	22
CT	0	0	0	0	1	1	1	1	1	1	2	0	0	0	0	0	0	1	0	0	1	2	1	1	1	0	0	0	0	0	0	15
To	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	0	1	0	0	1	16
Am	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	4
Sums	13	14	12	18	19	66	66	60	60	40	70	9	11	5	5	11	29	29	4	36	60	75	66	49	34	19	5	17	17	14	26	959
No. of 0	38	37	38	32	30	2	1	3	4	15	1	41	39	44	44	40	24	24	45	20	2	0	4	11	21	31	44	32	33	34	24	758
char- 1	11	12	12	16	17	28	28	32	30	28	26	7	9	5	5	9	23	23	4	20	34	23	24	27	22	17	5	17	15	14	18	561
acters 2	1	1	0	1	1	19	19	14	15	6	22	1	1	0	0	1	3	3	0	8	13	26	21	11	6	1	0	0	1	0	4	199

Selected days: Five quiet -- 14, 15, 19, 27, 30
Five disturbed -- 6, 9, 11, 22, 23

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1946
JUNE--continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	0	0	0	0	1	2	2	1	1	2	2	1	1	1	2	2	2	2	2	2	1	1	0	1	1	1	1	2	0		34
CC	0	0	0	0	0	0	1	1	1	0	1	2	1	0	0	2	1	1	2	1	2	1	0	0	1	2	2	1	2	0		25
DI	0	0	0	0	0	1	2	2	1	0	0	2	0	0	0	1	0	1	2	0	1	0	0	0	0	1	0	0	2	0		16
MS	1	1	0	0	0	1	2	1	1	1	1	2	1	0	1	2	2	2	2	1	2	2	0	0	1	1	1	1	2	1		33
TI	0	0	0	1	0	1	2	1	1	1	0	2	1	1	0	1	1	2	2	1	1	0	0	0	1	1	1	0	2	0		24
Tr																																
Ai																																
So																																
We	0	0	0	0	0	1	2	1	1	0	0	1	1	0	0	0	1	1	1	0	1	0	0	0	0	0	1	0	2	0		14
Sr	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		4
Do	1	1	0	0	0	1	2	2	1	0	1	1	1	1	1	1	2	1	2	0	1	1	0	0	0	1	1	2	2	1		28
Ya	-	0	0	0	0	1	2	1	0	0	0	1	0	0	0	1	1	1	2	0	1	0	0	0	0	0	1	1	2	0		15
Le	0	0	0	1	1	1	2	1	1	1	1	1	1	0	0	1	2	1	1	1	1	1	0	0	1	1	1	1	2	0		25
Sl																																
Lo	1	1	0	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2		52
Si	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0		10
VD	0	0	0	0	0	0	2	1	1	0	0	1	1	0	0	1	1	1	1	0	0	1	0	0	0	0	1	1	1	0		14
RS	1	0	0	1	2	1	2	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	2	2	1	2	2	1		44
Za	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1	0	0	1	1	0	0	0	0	0	1	1	0	1	0		9
KP	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	1	1	0	1	0	0	0	0	0	1	0	0	1	1	0		9
Es	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	2	0		26
Me	1	0	0	1	1	1	2	1	2	0	1	2	2	2	1	2	2	1	2	1	1	1	1	0	2	1	2	1	2	1		37
Sy	1	0	0	0	0	1	2	2	0	0	0	1	1	0	0	1	2	1	2	1	0	0	0	-	-	0	1	1	2	0		19
Wi	1	1	0	1	2	1	2	2	2	2	1	2	2	1	1	2	2	2	2	1	1	1	1	0	1	2	2	1	2	1		42
Zy	0	0	0	0	1	0	2	1	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	2	0		11
Ni	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0		13
Nz																																
Ab	1	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1		31
Ma	0	0	0	0	1	1	2	2	1	1	-	-	0	0	0	1	2	1	1	0	0	0	0	0	0	-	1	0	2	0		16
Fu																																
CF	1	0	0	1	1	1	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	0	1	1	2	0		26
OG																																
Na	0	0	0	0	1	0	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	2	0		18
St																																
Ag																																
Mt	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	0	1	1	1	1	2	1		28
Du	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0		6
Ke	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0		8
Ci																																
Eb	0	1	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1		30
Ch	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	1	0		9
SM	0	0	0	1	0	1	1	1	1	0	1	1	1	0	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1		21
SF	0	0	0	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	2	0		22
Ka	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		2
Ks	1	1	0	1	2	2	2	2	2	1	1	2	2	1	1	2	2	2	2	1	2	2	0	0	-	0	1	2	2	0		39
Tu	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	0		10
ZS																																
DD																																
He	0	0	0	1	2	1	2	2	2	0	1	2	1	0	1	1	2	1	1	0	1	1	0	0	0	0	1	1	2	0		26
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0		5
Te	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0		7
Al	0	0	0	0	1	1	1	1	1	0	1	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	1	1	0		13
SJ	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	1	1	0	1	0	1	0	0	0	0	0	1	1	1	0		12
An																																
Ku																																
El																																
Hu	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0		7
Ap	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0		9
Va	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	0	1	1	0	0	1	1	1	1	1	0		18
Wa	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0		5
Pi	1	0	0	0	1	0	2	2	1	0	1	1	1	0	0	2	2	1	2	0	1	0	0	0	0	0	1	0	2	1		22
CT	0	0	0	0	1	0	1	1	1	0	0	1	0	0	0	0	1	1	1	0	1	0	0	0	1	0	1	0	1	0		12
To	0	0	0	1	0	1	1	1	1	0	1	1	1	0	0	1	1	1	1	0	1	0	0	0	1	0	1	1	1	0		17
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0		2
Sums	11	7	0	15	25	33	70	61	44	18	24	54	34	14	16	43	51	41	60	22	35	23	8	4	22	25	41	38	73	13		925
No. of 0	37	42	49	34	29	18	3	2	11	34	27	5	20	36	34	15	11	15	4	29	19	29	41	44	28	27	12	15	2	37		709
char- 1	11	7	0	15	15	29	22	33	32	12	18	32	24	12	14	25	25	27	30	18	25	17	8	4	16	17	33	30	21	11		583
acters 2	0	0	0	0	5	2	24	14	6	3	3	11	5	1	1	9	13	7	15	2	5	3	0	0	3	4	4	4	26	1		171

Selected days: Five quiet -- 2, 3, 23, 24, 30
Five disturbed -- 7, 8, 12, 19, 29

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1946
JULY--Continued

Observatory	Day																															Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	2	0	0	0	2	2	2	1	2	1	0	2	2	2	1	2	2	1	0	1	2	0	1	2	2	2	2	2	1	40
CC	0	0	1	0	0	0	2	2	1	1	0	0	0	1	0	1	1	2	2	0	1	1	1	0	1	2	2	2	2	2	0	28
Di	0	0	1	0	0	0	2	1	2	2	0	0	0	1	0	1	0	2	2	0	0	0	1	0	0	2	2	1	2	1	0	23
MS	0	1	1	1	0	1	2	2	2	1	1	0	0	2	1	2	1	2	2	0	1	1	1	0	2	2	2	2	2	1	-	36
Ti	0	1	1	1	0	0	2	1	1	1	1	0	0	1	0	2	1	2	2	0	0	1	1	0	1	2	2	1	2	2	0	29
Tr																																
Ai																																
So																																
We	0	-	1	0	0	0	2	1	1	0	0	1	0	1	0	0	1	1	1	0	0	0	0	0	1	2	2	1	1	0	-	17
Sr	0	0	0	-	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	1	-	1	0	7
Do	1	1	2	0	0	0	2	2	1	1	1	1	1	1	0	1	1	2	2	0	1	1	1	0	1	2	2	2	2	1	1	34
Ya	0	0	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0	1	1	0	0	0	1	0	0	2	2	0	2	2	-	15
Le	0	0	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	2	1	0	1	1	1	0	1	2	2	1	2	1	0	25
Sl																																
Lo	0	1	2	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	1	50
Si	0	0	1	0	0	0	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	2	2	1	1	1	0	13
VD	0	0	1	0	0	0	1	1	1	0	1	0	0	1	0	1	0	1	1	0	0	0	1	0	0	2	2	0	1	1	0	16
RS	0	1	2	1	1	1	2	2	2	1	1	0	0	2	1	2	1	2	2	1	1	2	2	0	2	2	2	2	2	2	1	43
Za	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	2	2	0	1	1	0	12
KP	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	2	0	1	1	0	8
Es	0	0	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	2	1	0	1	1	1	0	1	2	2	1	2	1	0	25
Me	0	1	2	1	0	0	2	2	1	1	1	1	0	1	1	1	1	1	2	1	1	1	1	0	1	1	2	1	2	1	1	32
Sy	0	0	1	0	0	0	2	2	2	0	1	0	0	1	0	2	1	2	2	0	1	1	1	0	1	2	2	2	2	2	1	31
Wi	0	1	2	1	1	1	2	2	2	1	1	1	1	2	1	2	1	2	2	1	2	2	2	1	2	2	2	2	2	2	1	47
Zy	0	0	1	0	0	0	2	1	1	0	0	0	0	1	0	1	0	2	1	0	0	0	2	0	0	2	2	0	2	1	0	19
Ni	0	0	0	0	0	0	1	1	1	-	1	0	0	1	1	1	1	1	1	0	1	0	1	0	1	2	2	1	1	1	0	20
Nz																																
Ab	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	33
Ma	0	0	1	0	0	0	0	1	1	0	1	0	0	1	0	1	0	2	1	1	1	1	1	0	1	2	2	1	2	2	0	23
Fu	-	-	-	-	-	0	1	1	1	0	0	0	0	1	1	1	1	2	1	0	0	0	1	0	2	2	2	2	2	1	1	23
CF	0	0	1	0	0	0	1	1	1	0	0	0	0	1	0	1	0	2	1	0	1	1	1	0	1	2	2	1	2	1	0	21
OG																																
Na	0	0	1	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	0	1	2	2	1	1	1	0	21
St																																
Ag																																
Mt	0	1	0	0	0	0	2	1	1	1	1	0	0	1	2	1	1	2	1	0	1	1	1	1	1	2	2	1	2	1	-	28
Du	0	0	1	0	0	0	1	1	1	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	2	2	0	1	0	0	13
Ke	0	0	0	0	0	0	2	2	1	0	0	0	0	1	0	0	0	2	1	0	0	0	1	0	0	2	2	1	2	2	0	19
Ci																																
Eb	0	0	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	2	1	1	1	1	1	0	1	2	2	1	2	1	1	27
Ch	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2	0	1	1	0	9
SM	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	2	1	1	1	0	19
SF	0	0	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	2	1	0	1	1	1	0	1	2	2	0	1	1	0	23
Ka	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	4
Ks	1	0	2	0	0	0	2	2	2	1	2	0	1	2	2	2	1	2	1	0	1	1	2	0	1	2	2	2	2	2	0	38
Tu	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	2	2	1	1	1	0	12
ZS																																
DD																																
He	0	0	1	0	0	0	2	1	2	0	0	0	0	1	1	1	1	2	1	0	1	1	1	0	1	2	2	2	2	1	0	26
Ta																																
AT																																
Ho	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	5
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	2	2	0	9
Al	0	0	1	0	0	0	1	1	1	1	0	0	0	1	1	1	0	1	1	0	0	0	1	0	0	2	2	1	1	1	0	18
SJ	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	1	1	2	0	1	1	0	12
An																																
Ku																																
El																																
Hu	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	2	1	1	1	0	10
Ap	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	1	2	0	1	1	0	12
Va	0	0	1	0	0	0	1	1	1	0	0	0	1	1	1	1	0	1	1	0	0	1	1	0	0	1	1	1	1	1	0	17
Wa	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	1	1	0	8
Pi	0	0	1	0	0	1	2	2	2	0	0	0	0	1	0	1	0	2	1	0	0	1	1	0	2	2	2	1	1	1	0	24
CT	0	0	1	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	0	1	2	2	1	1	1	0	22
To	0	0	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	1	1	0	1	1	2	1	1	1	0	21
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	1	0	6
Sums	3	10	41	6	4	6	65	50	53	22	22	7	6	43	25	42	28	71	53	9	24	29	44	4	36	86	96	47	72	59	10	1073
No. of 0	46	38	15	42	45	44	3	12	7	29	30	43	44	13	29	16	23	3	8	41	28	24	12	46	20	1	0	14	1	3	36	716
char- 1	3	10	27	6	4	6	29	26	33	18	18	7	6	31	17	26	26	23	31	9	20	23	32	4	24	12	4	25	24	35	10	569
acters 2	0	0	7	0	0	0	18	12	10	2	2	0	0	6	4	8	1	24	11	0	2	3	6	0	6	37	46	11	24	12	0	252

Selected days: Five quiet -- 1, 4, 5, 13, 20
Five disturbed -- 7, 18, 26, 27, 29

Days recommended for reproduction of magnetograms -- 26, 27

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1946
AUGUST--Continued

Observatory	Day																															Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	0	0	0	0	1	1	1	0	0	2	1	1	2	2	2	2	1	2	1	0	0	0	1	0	0	0	0	0	0	2	23
CC	0	0	0	0	0	0	1	0	0	0	2	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8
Di	0	0	0	0	0	1	2	0	0	0	2	1	0	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	15
MS	1	0	0	0	1	1	2	1	1	1	2	2	2	2	2	2	1	1	1	1	0	0	0	1	0	0	1	1	0	1	2	30
Ti	0	0	0	0	0	0	2	0	0	1	1	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11
Tr																																
Al																																
So																																
We	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7
Sr	0	0	0	0	0	-	0	-	-	-	-	-	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	-	1	4
Do	1	0	1	0	0	0	2	1	1	1	2	1	0	2	1	1	1	0	2	1	0	0	0	1	0	0	0	1	0	1	2	23
Ya	0	0	0	0	0	0	1	0	0	0	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11
Le	1	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	0	0	0	0	1	1	0	1	1	0	1	2	23
Sl																																
Lo	1	1	1	1	1	2	2	1	1	1	2	2	1	2	2	2	2	1	1	1	1	0	1	1	1	1	1	1	0	1	2	38
Si	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
VD	-	-	-	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
RS	1	0	0	0	1	1	2	1	0	1	2	2	0	2	2	2	2	0	1	1	0	0	0	0	1	0	1	0	0	2	2	27
Za	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
KP	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7
Es	1	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	0	0	0	0	1	1	0	1	1	0	1	2	23
Me	1	0	0	0	0	1	2	1	0	1	1	1	1	2	1	2	2	1	1	0	0	0	0	0	0	0	1	0	0	0	2	21
Sy	1	0	0	0	0	0	2	0	0	0	1	-	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	14
Wi	1	1	1	0	1	1	2	1	1	1	2	2	1	2	2	2	2	1	1	1	0	0	0	1	1	1	0	0	0	2	2	33
Zy	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
Ni	0	0	0	0	0	0	1	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	1	2	29
Ma	0	0	0	0	0	0	1	0	0	0	1	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	10
Fu	0	0	0	0	0	0	1	0	0	0	2	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	13
CF	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10
OG																																
Na	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	2	12
St																																
Ag																																
Mt	0	0	0	0	0	0	1	1	1	0	1	1	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	-	9
Du	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
Ke	0	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9
Ci																																
Eb	0	0	0	0	0	0	1	1	1	0	1	1	1	2	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	1	2	17
Ch	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
SM	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	9
SF	0	0	-	0	0	0	1	1	1	0	2	1	1	2	1	1	1	0	0	0	0	-	0	1	0	0	-	0	0	1	2	16
Ka	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
Ks	0	0	0	0	1	1	2	2	1	1	2	1	1	2	2	2	2	1	0	0	0	0	0	1	1	0	1	1	0	2	2	29
Tu	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
ZS																																
DD																																
He	0	0	0	0	0	0	1	1	1	0	2	1	1	2	1	2	1	1	0	0	0	0	0	1	0	0	0	0	0	2	2	19
Ta																																
AT																																
Ho	0	-	-	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Al	0	0	0	0	0	0	1	0	0	0	1	0	0	2	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	10
SJ	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	-	-	0	0	0	0	0	-	5
An																																
Ku																																
El																																
Hu	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
Ap	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
Va	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	12
Wa	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Pi	0	0	0	0	0	0	1	1	0	1	2	1	1	2	1	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	2	16
CT	0	0	0	0	0	0	1	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	2	12
To	0	0	0	0	0	0	1	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0	-	0	0	0	0	0	0	1	8
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Sums	11	3	4	2	8	12	50	19	12	12	57	32	20	70	46	49	49	9	14	8	1	0	1	16	10	4	8	7	1	22	67	624
No. of 0	38	45	43	48	42	38	10	31	37	37	5	20	31	4	12	11	8	41	38	42	49	49	49	32	39	46	41	43	49	32	3	1013
char- 1	11	3	4	2	8	10	30	17	12	12	31	24	18	22	30	29	35	9	10	8	1	0	1	16	10	4	8	7	1	12	23	408
acters 2	0	0	0	0	0	1	10	1	0	0	13	4	1	25	8	10	7	0	2	0	0	0	0	0	0	0	0	0	0	5	22	108

Selected days: Five quiet -- 21, 22, 23, 26, 29
Five disturbed -- 7, 11, 14, 15, 31

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1946
SEPTEMBER--Continued

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	0	1	0	2	1	0	2	1	1	0	1	1	0	0	0	2	2	2	2	1	1	2	2	2	0	0	2	2	2	2		34
CC	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	1	1	2	2	1	1	2	-	-	-	0	1	1	1	2		21
Di	0	1	1	2	2	0	2	2	1	1	1	0	0	0	0	2	2	2	2	1	2	2	2	1	0	0	2	2	2	2		37
MS	0	1	1	1	1	1	2	1	2	1	1	1	1	1	0	2	2	2	2	1	2	2	2	2	1	1	2	2	2	2		42
Ti	0	0	0	1	1	0	2	1	1	1	1	0	0	0	0	2	2	2	2	1	2	2	2	1	0	0	2	2	2	2		32
Tr																																
Al																																
So																																
We	0	0	0	1	1	0	1	1	1	1	0	1	0	0	0	2	1	2	1	0	0	2	2	1	0	0	2	2	1	1		24
Sr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	2	2	2	0	0	0	2	2	1	1		16
Do	1	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1	2	2	2	1	1	2	2	1	0	0	2	2	2	2		34
Ya	0	0	0	1	0	0	1	0	1	0	0	0	0	-	0	2	0	2	2	0	1	2	2	1	0	0	2	2	1	1		21
Le	0	0	1	1	1	0	1	1	1	1	1	1	0	0	0	2	2	2	2	1	1	2	2	1	0	0	1	2	2	1		30
Sl																																
Lo	1	1	2	2	2	2	2	2	2	2	1	2	1	1	1	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2		52
Si	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	2	1	0	0	2	2	1	0	0	1	2	1	1		17
VD	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	2	1	0	1	2	2	0	0	0	1	2	1	1		15
RS	0	1	2	2	2	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	0	1	2	2	2	2		45
Za	0	0	0	1	0	0	1	0	1	0	1	1	0	0	0	1	1	2	1	0	0	2	2	0	0	0	1	1	1	1		18
KP	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	2	1	0	1	2	2	0	0	0	1	2	1	1		17
Es	0	0	1	1	1	0	1	1	1	1	1	1	0	0	0	2	2	2	2	1	1	2	2	1	0	0	1	2	2	1		30
Me	0	1	0	2	1	0	1	1	1	2	1	1	0	1	0	1	1	2	2	1	1	2	2	1	0	0	-	2	2	2		31
Sy	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0	-	2	2	0	2	2	2	1	0	0	2	2	2	2		23
Wi	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2		43
Zy	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	2	2	0	1	2	2	0	0	0	1	2	1	1		17
Ni	0	0	1	1	1	0	1	0	1	0	0	0	0	0	0	1	1	1	1	0	1	2	2	1	0	0	1	1	1	1		19
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	2	2	1	1	1	2	2	2	1		38
Ma	0	0	0	1	1	1	1	1	1	1	0	1	0	0	0	2	2	2	2	1	2	2	2	0	0	0	2	2	2	2		31
Fu	0	0	0	1	1	0	1	1	1	1	0	1	0	0	0	2	2	2	2	1	2	2	2	1	0	0	2	2	2	2		31
CF	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	2	1	0	1	2	2	1	0	0	1	2	1	1		19
OG																																
Na	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	2	1	2	1	1	1	2	2	1	0	0	2	2	1	1		30
St																																
Ag																																
Mt	0	0	0	1	1	0	1	1	1	1	1	1	0	0	0	1	1	2	1	1	0	2	2	1	0	0	1	2	1	1		24
Du	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	2	1	0	0	2	2	0	0	0	1	1	0	0		13
Ke	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	2	1	2	2	0	2	2	2	1	0	0	1	2	1	1		22
Cl																																
Eb	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	2	2	2	1	2	2	2	1	0	0	2	2	2	2		37
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	2	2	0	0	0	1	1	0	1		11
SM	0	0	0	1	0	0	1	1	1	1	1	1	0	0	0	1	1	2	2	0	1	2	2	1	0	0	1	2	1	1		24
SF	0	0	1	-	-	-	-	-	-	-	1	1	0	0	0	2	2	2	2	1	1	2	2	1	0	0	1	2	2	1		24
Ka	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	2	1	2	2	0	1	2	2	1	0	0	2	2	2	2		32
Ks	1	1	2	1	1	1	2	1	2	1	1	1	0	0	0	2	2	2	2	1	2	2	2	1	0	0	2	2	2	1		38
Tu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	1	2	2	0	0	0	1	1	1	1		14
ZS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	2	1	0	0	0	0	0	0	0		11
DD																																
He	0	1	1	1	0	0	1	0	1	2	1	1	0	0	0	2	2	2	2	1	2	2	2	2	0	0	2	2	2	1		33
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	2	2	0	0	0	1	1	0	0		9
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	1	2	2	1	0	0	1	1	1	0		14
Al	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	2	0	2	1	0	1	2	1	0	0	0	1	2	1	1		18
SJ	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	2	1	0	0	0	1	1	1	1		13
An																																
Ku																																
El																																
Hu	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	2	1	0	0	2	2	0	0	0	1	1	0	0		12
Ap	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	2	1	1	0	0	1	1	1	1		14
Va	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	2	2	2	1	1	1	2	2	1	0	0	1	2	1	1		30
Wa	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	2	1	0	1	2	1	0	0	0	1	1	1	0		13
Pi	1	1	0	1	0	1	1	0	1	0	1	0	1	1	0	2	2	2	2	1	1	2	2	1	0	0	2	2	2	1		31
CT	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	2	1	2	2	1	1	2	2	1	0	0	1	2	1	1		25
To	0	0	0	1	1	0	1	0	1	1	0	1	0	0	0	1	1	2	2	0	1	2	2	1	0	0	1	2	1	1		23
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	2	2	0	0	0	1	1	0	0		9
Sums	6	16	20	40	28	13	44	26	43	33	24	25	8	9	4	72	61	100	80	27	55	102	95	39	4	5	70	87	66	59		1261
No. of 0	45	35	34	15	25	38	12	26	12	21	27	27	43	41	47	4	7	0	0	26	10	0	0	16	46	46	1	1	6	7		618
char- 1	6	16	14	30	22	11	32	22	33	25	24	23	8	9	4	22	25	2	22	23	27	0	5	29	4	5	28	13	24	29		537
acters 2	0	0	3	5	3	1	6	2	5	4	0	1	0	0	0	25	18	49	29	2	14	51	45	5	0	0	21	37	21	15		362

Selected days: Five quiet -- 1, 6, 15, 25, 26
Five disturbed -- 18, 19, 22, 23, 28

Days recommended for reproduction of magnetograms -- 22

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1946
OCTOBER--Continued

Observatory	Day																															Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	0	0	1	1	0	0	2	2	2	1	0	0	0	1	0	0	1	2	0	0	1	1	1	2	2	2	1	1	2	28
CC	1	1	1	0	1	1	0	0	1	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	2	1	-	0	0	-	12
Di	2	1	0	1	1	2	1	0	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	2	2	1	1	0	2	21
MS																																
Ti	2	1	1	1	1	2	2	0	2	1	1	0	0	0	0	1	0	0	1	2	0	0	1	1	1	2	2	1	1	1	2	30
Tr																																
Ai																																
So																																
We	1	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	2	0	1	0	-	10
Sr	1	0	0	0	1	-	-	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	3
Do	2	0	1	1	1	2	1	0	1	2	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	2	2	1	1	0	1	22
Ya	1	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	0	0	0	1	10
Le	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	1	0	0	1	1	0	0	0	0	1	2	2	1	1	0	1	22
Sl																																
Lo	2	2	2	1	2	2	2	0	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	2	0	2	45
Si	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	1	12
VD	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	1	8
RS	2	1	1	1	2	2	1	0	2	2	1	1	1	1	1	1	0	0	2	2	1	0	0	1	1	2	2	1	1	0	2	35
Za	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	1	7
KP	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	4
Es	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	1	0	0	1	1	1	0	0	0	1	2	2	1	1	0	1	23
Me	2	1	1	1	1	2	2	0	2	1	0	-	-	0	0	0	-	-	0	1	0	1	1	1	1	2	2	1	1	0	2	26
Sy	1	1	0	0	1	1	1	0	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2	2	0	1	0	1	15
Wi	2	1	2	1	2	2	1	0	2	1	1	1	1	0	1	2	0	0	1	1	1	1	1	1	1	2	2	1	1	0	2	35
Zy	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	0	0	0	1	6
Ni	1	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	0	1	12
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	33
Ma	1	1	1	1	1	2	1	0	1	1	1	1	0	0	0	1	0	0	1	1	0	0	0	0	0	2	1	1	0	0	1	20
Fu	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	2	1	1	0	1	17
CF	1	0	0	1	1	1	0	0	1	1	1	0	0	0	0	1	0	0	0	1	0	0	1	1	0	1	2	1	0	0	1	16
OG																																
Na	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	1	0	0	1	1	1	0	0	0	0	1	2	1	1	0	1	20
St																																
Ag																																
Mt	1	1	1	0	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	2	1	0	1	0	1	1	2	1	1	0	1	21
Du	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Ke	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	2	7
Ci																																
Eb	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	1	1	0	0	0	1	2	2	1	1	0	1	26
Ch	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	4
SM	1	1	0	0	1	1	0	0	2	1	1	1	0	0	0	1	0	0	0	1	0	0	0	0	1	1	2	1	0	0	0	16
SF	1	0	1	1	1	1	-	-	-	-	-	1	0	0	0	0	0	0	1	1	1	1	1	0	0	2	2	1	1	0	1	18
Ka	1	1	1	1	1	1	1	1	2	1	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	20
Ks	1	1	0	0	2	2	1	1	1	0	0	1	0	1	1	1	1	0	1	2	2	1	0	1	0	2	2	1	1	0	2	29
Tu	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	0	0	0	0	6
ZS	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	4
DD																																
He	1	0	0	0	2	2	0	0	1	1	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	2	2	1	1	0	1	18
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
Te	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	3
Al	1	0	1	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	1	15
SJ	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	1	9
An																																
Ku																																
El																																
Hu	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	5
Ap	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	4
Va	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	1	1	1	1	1	0	1	1	1	0	1	0	1	19
Wa	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
Pi	1	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	2	2	0	0	0	1	14
CT	1	0	1	1	1	1	1	1	1	0	0	1	0	0	1	0	0	0	1	1	1	0	0	1	1	1	2	0	1	0	1	20
To	1	1	0	0	1	0	1	0	1	0	0	0	0	0	0	1	0	0	0	1	0	1	1	1	0	1	-	1	1	0	1	14
Am	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	3
Sums	46	26	22	19	40	42	29	9	58	26	15	16	5	6	9	19	3	3	22	52	18	10	11	12	17	61	74	27	26	4	46	773
No. of 0	11	25	30	31	15	17	22	40	2	27	35	33	44	45	41	32	46	46	30	5	33	40	39	37	33	7	2	23	24	45	10	870
char- 1	32	24	18	19	30	22	23	9	36	18	13	16	5	4	9	17	3	3	18	38	16	10	11	12	15	23	18	23	24	4	28	541
acters 2	7	1	2	0	5	10	3	0	11	4	1	0	0	1	0	1	0	0	2	7	1	0	0	0	1	19	28	2	1	0	9	116

Selected days: Five quiet -- 8, 13, 17, 18, 30
Five disturbed -- 9, 20, 26, 27, 31

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1946
NOVEMBER--Continued

Observatory	Day																															Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	1	0	0	0	2	0	0	1	1	1	1	1	0	2	1	1	1	1	1	2	1	1	1	2	1	0	0	0	0		24
CC	1	0	0	0	0	1	0	0	0	1	0	1	0	0	1	1	0	0	1	1	2	1	0	0	2	0	0	0	0	0		13
DI	2	0	0	0	0	2	0	0	1	1	1	1	0	0	2	0	0	0	1	1	2	1	0	0	2	0	0	0	0	0		17
MS																																
TI	1	2	0	0	1	2	1	1	1	2	1	1	0	0	2	0	0	0	1	1	1	1	0	1	2	1	0	0	0	0		23
Tr																																
AI																																
So																																
We	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0		10
Sr	-	-	-	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0		4
Do	2	1	0	0	1	1	0	0	1	1	1	2	0	0	1	1	0	0	2	1	2	1	1	1	1	0	0	0	0	0		21
Ya	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	2	1	0	0	0	0	0		13
Le	2	1	0	0	1	1	1	0	1	1	1	1	0	0	1	1	1	0	1	1	1	1	0	1	1	1	0	0	0	0		20
Sl																																
Lo	2	1	0	1	1	2	2	1	1	2	2	2	1	1	2	2	2	1	2	1	2	2	1	2	2	2	0	0	0	1		41
Si	1	1	0	0	1	1	0	0	0	0	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0		15
VD	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	0	1	1	0	0	0	0	0		10
RS	2	1	1	0	1	2	1	1	1	2	2	2	1	0	1	2	1	1	2	1	2	2	1	2	2	1	0	0	0	1		36
Za	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0		6
KP	1	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	0	0	1	1	1	1	0	1	1	0	0	0	0	0		12
Es	1	1	0	0	1	1	1	0	1	1	1	1	0	0	1	1	0	0	1	1	1	1	0	1	1	0	0	0	0	0		19
Me	2	1	0	1	1	2	0	0	1	0	1	1	0	0	1	1	0	0	1	1	2	1	1	2	1	0	0	0	0	0		21
Sy	2	1	0	0	2	2	1	0	1	1	1	1	0	0	1	1	-	0	-	1	2	1	0	2	2	0	0	0	0	0		22
Wi	2	1	0	1	1	2	1	1	1	2	2	2	1	1	2	2	1	1	2	1	2	2	1	2	2	1	0	0	0	1		38
Zy	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	0	0	2	1	0	0	0	0	0		10
Ni	1	0	0	0	1	1	0	0	0	1	1	1	0	0	1	1	0	0	1	1	1	1	0	1	1	0	0	0	0	0		14
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1		27
Ma	1	0	0	0	1	1	0	0	1	2	2	1	0	0	1	1	1	0	1	1	1	1	1	2	2	1	0	0	0	0		22
Fu	2	1	0	0	1	2	0	0	1	1	1	1	0	0	2	0	0	0	1	1	1	1	0	1	2	1	0	0	0	0		20
CF	1	0	0	0	1	1	0	0	1	1	1	1	0	0	1	1	0	0	1	1	1	1	0	1	1	0	0	0	0	0		15
OG																																
Na	2	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0		22
St																																
Ag																																
Mt	1	1	0	1	1	1	1	0	1	1	1	0	0	1	1	0	0	0	0	0	2	1	1	2	2	1	0	0	0	0		20
Du	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0		7
Ke	1	0	0	0	1	2	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0		10
Cl																																
Eb	1	1	0	0	1	2	1	1	1	1	1	1	1	0	1	1	1	1	2	1	1	1	1	2	1	1	0	0	0	0		26
Ch	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0		4
SM	1	0	0	0	1	2	1	1	0	1	1	1	0	0	1	0	0	0	1	0	1	0	1	1	2	0	0	0	0	0		16
SF	1	0	0	1	1	1	0	0	0	1	-	-	-	-	1	1	0	0	1	1	2	1	1	1	1	1	0	0	0	0		16
Ka	1	1	0	0	1	1	0	0	0	0	1	1	0	0	1	1	0	0	1	1	1	1	0	2	1	1	0	0	0	0		16
Ks	2	1	0	1	2	2	0	0	1	2	1	2	0	1	2	2	0	0	2	2	2	1	0	-	2	1	0	0	0	1		30
Tu	1	0	0	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0		9
ZS	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0		8
DD																																
He	1	1	0	0	1	1	0	0	1	2	1	1	0	0	2	2	1	1	2	1	1	1	0	2	1	0	0	0	0	0		23
Ta																																
AT																																
Ho	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0		2
Te	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		3
Al	1	0	0	0	1	1	0	0	0	0	1	1	0	0	1	1	0	0	1	1	2	0	0	2	1	0	0	0	0	0		14
SJ	1	0	0	0	1	1	0	0	0	1	1	1	0	0	1	1	0	0	1	1	1	0	0	1	1	0	0	0	0	0		13
An																																
Ku																																
El																																
Hu	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0		7
Ap	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0		6
Va	1	1	0	0	1	-	0	0	0	1	1	1	0	0	1	1	0	0	1	1	1	1	0	1	1	0	0	0	0	0		14
Wa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Pi	1	0	0	1	1	2	1	0	0	1	1	1	1	0	1	1	0	1	1	1	2	1	0	2	1	0	0	0	0	0		21
CT	1	0	0	0	1	1	0	0	0	1	1	1	1	0	1	1	0	0	1	1	1	1	0	2	1	1	0	0	0	0		17
To	1	0	0	0	1	1	0	0	0	1	1	1	-	0	1	1	0	0	1	1	1	0	0	1	1	1	0	0	0	0		14
Am	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0		6
Sums	56	22	2	8	44	59	15	8	20	36	34	36	8	6	49	37	12	9	42	41	63	35	14	59	58	19	0	0	0	5		797
No. of 0	5	28	47	42	9	4	36	42	30	21	19	18	40	43	9	18	38	41	14	10	2	18	36	5	5	32	50	50	50	45		807
char- 1	32	20	2	8	38	31	13	8	20	22	26	26	8	6	33	27	10	9	28	39	33	29	14	29	32	17	0	0	0	5		565
acters 2	12	1	0	0	3	14	1	0	0	7	4	5	0	0	8	5	1	0	7	1	15	3	0	15	13	1	0	0	0	0		116

Selected days: Five quiet -- 14, 27, 28, 29, 30
Five disturbed -- 1, 6, 21, 24, 25

Days recommended for reproduction of magnetograms -- None

TABLE 1--MAGNETIC CHARACTER-FIGURES, C, 1946
DECEMBER--Concluded

Observatory	Day																													Sum
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BT	1	0	0	0	1	0	1	0	0	1	1	2	1	0	0	1	1	0	1	0	1	2	0	0	1	1	2	1	1	0	0	20
CC	0	0	-	0	-	0	1	0	0	1	2	2	1	0	0	0	1	-	1	0	1	1	0	0	0	1	1	1	1	0	-	15
D1	0	0	0	0	1	0	2	0	0	1	2	2	0	0	0	0	1	0	2	0	1	1	0	0	1	2	2	0	0	0	-	18
MS																																
T1	1	1	0	0	0	0	1	0	0	1	1	1	0	0	0	0	1	0	2	0	1	0	1	0	1	1	1	1	1	0	0	16
Tr																																
A1																																
So																																
We	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	1	0	1	1	1	0	0	1	0	0	0	0	0	9
Sr	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	4
Do	0	1	1	0	1	0	1	0	0	1	1	1	0	0	0	0	0	0	2	1	0	1	0	0	1	1	2	1	0	0	0	16
Ya	0	0	0	0	1	0	0	0	0	0	1	2	0	0	0	0	0	0	2	0	1	0	0	0	1	1	0	0	0	0	-	9
Le	0	1	1	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	1	0	1	1	1	0	1	1	1	1	0	0	0	17
Sl																																
Lo	1	2	2	0	1	1	1	1	1	2	2	2	1	0	0	1	2	2	2	1	1	1	1	1	2	2	2	1	1	0	1	38
S1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	0	0	0	11
VD	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	5
RS	1	1	1	0	1	1	1	1	1	1	2	1	1	0	0	1	1	1	2	0	2	1	1	1	2	1	2	1	1	0	1	31
Za	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
KP	0	0	0	0	1	0	1	0	0	1	1	1	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	0	0	0	0	13
Es	0	1	1	0	1	0	1	1	0	1	1	1	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	1	1	0	0	18
Me	0	1	1	0	1	1	1	-	0	1	1	1	1	0	0	0	1	1	1	0	1	1	1	0	-	1	1	1	1	0	0	19
Sy	0	1	1	0	0	0	1	0	0	1	2	2	0	0	0	0	1	0	2	0	1	1	0	0	1	1	1	0	-	0	0	16
W1	1	1	1	0	1	1	1	1	1	1	2	1	1	0	0	1	1	1	2	1	2	1	1	1	2	2	2	1	1	0	1	33
Zy	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	6
N1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	6
Nz																																
Ab	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	28
Ma	0	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	0	0	1	0	2	0	0	0	1	0	1	0	0	0	0	11
Fu	0	1	0	0	1	1	1	1	0	1	2	1	0	0	0	0	0	0	2	0	1	1	0	0	1	1	1	0	0	0	0	16
CF	0	0	0	0	1	0	1	1	0	1	1	1	1	0	0	0	0	0	1	0	1	1	1	0	1	1	1	1	0	0	0	15
OG																																
Na	0	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	22
St																																
Ag																																
Mt	0	1	0	1	1	1	1	1	0	1	1	1	1	0	0	0	1	1	2	0	1	1	1	0	1	1	1	1	1	0	0	22
Du	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	8
Ke	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	4
Ci																																
Eb	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	1	1	1	2	0	1	1	1	0	1	1	1	1	0	0	0	23
Ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
SM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	4
SF	0	0	0	0	1	0	1	0	0	1	1	1	0	0	0	0	0	1	1	0	1	1	0	0	1	0	0	0	0	0	0	10
Ka	0	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	1	1	2	0	1	1	0	0	0	1	1	0	0	0	0	14
Ks	1	1	0	1	2	1	1	0	0	1	2	2	1	0	0	1	1	1	2	0	2	1	2	0	2	1	1	1	1	0	0	29
Tu	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	3
ZS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	4
DD																																
He	0	0	0	1	1	0	1	0	0	1	2	1	0	0	0	1	1	0	2	0	1	1	1	0	1	0	1	0	0	0	0	16
Ta																																
AT																																
Ho	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Te	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Al	1	0	0	1	1	1	1	0	0	1	1	1	1	0	0	0	1	1	2	0	1	1	1	0	1	1	1	0	0	0	0	19
SJ	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	6
An																																
Ku																																
El																																
Hu	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	4
Ap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Va	0	-	-	-	-	1	1	0	0	-	1	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	7
Wa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pi	1	0	0	1	1	0	1	0	0	1	1	0	0	0	0	0	0	1	2	0	0	1	1	1	1	1	1	0	0	1	0	16
CT	0	0	0	1	1	1	1	0	0	1	1	1	1	1	0	0	1	0	1	0	1	0	0	0	1	1	1	0	0	0	0	15
To	0	0	0	0	1	0	1	1	0	1	1	1	1	0	0	0	1	1	1	0	1	1	1	0	1	1	1	0	0	0	0	16
Am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
Sums	10	15	13	9	35	15	30	13	6	32	48	42	14	1	1	8	23	16	66	4	39	32	21	6	38	34	35	16	12	1	4	639
No. of 0	40	35	36	40	14	35	21	36	44	18	11	15	36	49	49	42	28	34	3	46	15	19	30	44	15	19	21	34	37	49	43	958
char- 1	10	13	11	9	33	15	28	13	6	30	30	28	14	1	1	8	21	14	28	4	31	30	19	6	30	28	23	16	12	1	4	517
acters 2	0	1	1	0	1	0	1	0	0	1	9	7	0	0	0	0	1	1	19	0	4	1	1	0	4	3	6	0	0	0	0	61

Selected days: Five quiet -- 9, 14, 15, 20, 30
Five disturbed -- 5, 10, 11, 12, 19

Days recommended for reproduction of magnetograms -- None

TABLE 1a--MAGNETIC CHARACTER-FIGURES, C, RECEIVED AFTER COMPLETION OF TABLE 1, 1940 AND 1941

Obs'y	Month	Day																															Sum
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	1940																																
Ni	Jan.	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	0	1	0	1	1	0	0	0	1	1	1	22
	Feb.	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1	0	1	1	0	0	1			19
	Mar.	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1	1	2	2	2	21
	Apr.	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0		9
	May	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	14
	Jun.	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0	1	2	1	0	0	0	1		13
	Jul.	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	0	0	1	1	0	1	0	0	0	0	1	1	1	18
	Aug.	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1	1	1	0	1	0	0	0	1	1	0	0	0	1	18
	Sep.	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	0	1		18
	Oct.	1	0	1	0	0	1	1	1	0	0	0	1	0	0	1	1	0	0	1	0	1	0	0	0	1	1	1	1	0	0	0	14
	Nov.	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	0	0	1	1		15
	Dec.	1	1	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	1	1	1	0	1	1	0	1	1	1	1	17
Ma	Jan.	1	1	2	2	1	2	2	1	2	2	2	2	0	0	0	1	1	2	-	1	0	1	0	2	1	0	0	0	1	1	2	33
	Feb.	2	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	2	1	0	1	1			25
	Mar.	0	0	1	1	0	0	0	1	1	0	0	2	1	0	0	1	0	0	1	2	1	1	2	2	2	2	2	1	2	2	2	30
	Apr.	2	2	2	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0	2	1	1	0	0	-		17
	May																																
	Jun.																																
	Jul.																											0	0	1	1	1	3
	Aug.	1	1	2	0	0	1	1	2	0	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	13
	Sep.	1	0	1	1	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	1	2	2	1	0	1		18
	Oct.	2	1	2	1	0	1	2	2	0	1	1	1	0	0	0	1	1	0	1	1	1	1	0	0	2	2	1	2	1	0	0	28
	Nov.	0	0	0	1	1	0	0	0	0	0	0	2	2	1	1	2	2	0	0	1	2	2	1	0	2	1	1	0	2	1		25
	Dec.	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	2	2	1	2	1	1	1	0	2	2	2	1	27
	1941																																
Ni	Jan.	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	0	23
	Feb.	0	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0				22
	Mar.	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	2	1	27
	Apr.	0	1	1	0	0	1	1	0	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	1	1	0		16
	May	1	0	0	1	0	0	0	1	0	0	0	0	1	0	0	1	1	1	0	0	1	1	1	1	1	1	0	0	0	1	1	15
	Jun.	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	1	0	1	0	0	0	0		15
	Jul.	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	17
	Aug.	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	0	13
	Sep.	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	2	2	1	1	0	1	1	1	0	0	0	0	1	1	17
	Oct.	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	1	1	1	0	1	0	0	0	0	1	10
	Nov.	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	1	0	0		15
	Dec.	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	1	0	0	0	1	0	1	0	0	12
Ma	Jan.	2	0	1	0	0	1	2	1	1	1	1	1	1	0	0	2	2	1	2	1	0	1	2	2	2	1	1	1	0	1	0	31
	Feb.	1	1	1	1	1	1	2	1	2	1	1	0	2	2	2	2	1	0	1	1	2	2	2	2	2	1	0	1				36
	Mar.	2	2	2	2	2	1	1	1	1	0	1	1	1	2	1	0	0	1	1	2	2	2	2	1	0	0	0	2	1	2	2	38
	Apr.	1	1	1	0	1	1	2	1	1	2	1	0	1	0	1	1	1	2	2	1	1	0	0	2	2	1	0	1	1	1	0	29
	May	1	0	0	1	0	1	0	1	1	1	0	0	1	0	0	1	1	1	0	0	2	2	1	1	1	1	1	0	0	1	1	21
	Jun.	0	0	0	0	0	1	0	1	1	2	1	1	1	1	1	0	1	1	1	1	1	1	0	1	0	1	0	0	0	0		18
	Jul.	0	0	1	2	2	2	2	1	1	1	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	21
	Aug.	1	2	1	2	2	1	1	0	0	0	1	0	1	0	0	0	0	1	1	0	1	1	0	0	1	1	2	1	2	1	1	25
	Sep.	1	1	0	0	0	0	1	1	1	0	1	0	1	2	2	1	1	2	2	2	2	0	1	1	2	0	1	1	1	1		29
	Oct.	0	1	0	0	0	0	0	1	0	1	2	1	1	1	1	1	0	0	1	0	0	2	1	2	0	1	0	1	1	0	2	21
	Nov.	2	1	0	0	1	2	1	2	1	1	1	1	0	0	0	0	2	1	1	0	1	1	1	0	0	0	0	2	0	0		22
	Dec.	2	2	1	1	1	0	0	1	1	0	0	0	1	2	1	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	0	23
Na	Jan.	1	0	1	1	0	1	1	1	1	1	1	1	1	0	0	1	2	2	1	1	0	1	1	2	2	1	1	1	0	1	0	28
	Feb.	0	1	1	1	2	2	2	1	1	1	1	0	2	1	1	1	1	0	0	1	2	2	2	1	2	1	0	0				30
	Mar.	2	2	2	2	2	1	1	1	1	0	1	1	1	2	1	0	0	1	1	1	1	1	1	2	2	1	0	0	2	2	1	36
	Apr.	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	2	1	1	0	1	1	0		23
	May	1	0	0	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	0	1	2	1	1	1	1	1	0	1	1	1	1	25
	Jun.	1	1	0	0	0	1	1	1	1	2	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0		25
	Jul.	1	1	1	1	2	2	2	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	24
	Aug.	1	1	1	2	1	1	1	0	0	0	1	1	1	1	0	0	0	1	1	0	1	0	0	1	1	1	2	1	1	1	1	24
	Sep.	1	1	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	2	2	1	1	0	1	1	1	0	0	1	1	1		24
	Oct.	0	0	0	0	0	0	0	1	0	0	1	1	0	1	1	1	0	0	0	0	0	2	1	1	0	1	0	0	0	0	2	13
	Nov.	2	0	0	0	1	2	1	1	1	1	1	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	1	0	0		17
	Dec.	2	2	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	18
Ka	Apr.	0	0	0	0	0	0	1	0	1	0	1	1	0	0	1	1	1	1	2	1	1	0	0	2	2	1	0	1	1	0		19
	May	0	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	21
	Jun.	0	0	1	0	0	1	0	0	1	2	2	1	2	2	2	0	1	2	1	1	1	1	0	1	0	1	1	0	1	0		25
	Jul.	1	0	1	1	2	1	-	1	1	1	1	1	0	0	0	1	0	0	0	1	1	1	0	1	1	0	0	0	0	1	1	19
	Aug.	1	1	1	2	0	0	1	0	0	0	1	0	1	1	0	0	0	0	1	0	1	0	0	1	0	1	1	1	1	1	0	19
	Sep.	1	1	0	0	0	0	1	1	0	0	0	0	2	1	1	1	0	2	2	1	1	0	1	1	1	0	0	0	1	1		20
	Oct.	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	1	0	0	1	1	1	0	1	0	0	0	0	2	13
	Nov.	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	2	1	1	0	1	1	1	0	0	0	1	1	-	-		17
	Dec.	2	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	19

TABLE 1a--MAGNETIC CHARACTER-FIGURES, C, RECEIVED AFTER COMPLETION OF TABLE 1, 1941 AND 1942

Obs'y	Month	Day																															Sum
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	1941																																
ZS	Oct.	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	4
	Nov.	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0		5
	Dec.	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6
	1942																																
N1	Jan.	0	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	16
	Feb.	0	1	0	0	1	1	1	0	0	1	1	0	0	1	1	1	0	0	0	1	1	0	1	1	1	0	1	1				16
	Mar.	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	0	1	1	0	26
	Apr.	0	1	1	1	0	0	0	1	1	0	1	0	1	1	0	1	1	1	1	0	0	0	1	0	0	0	1	1	0	1		16
	May	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	1	1	0	0	0	0	1	1	0	0	0	11
	Jun.	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1		12
	Jul.	1	0	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	0	1	0	18
	Aug.	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	17
	Sep.	1	1	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0		19
	Oct.	0	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	1	1	1	1	22
	Nov.	1	1	1	0	0	0	1	1	0	1	1	1	1	1	1	0	0	1	0	1	0	0	1	1	1	1	1	1	1	0		20
	Dec.	1	0	0	1	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	15
Ma	Jan.	0	2	1	1	1	2	0	0	0	1	1	1	0	1	1	1	1	2	1	1	0	1	0	0	0	0	0	0	0	0	0	19
	Feb.	0	1	0	0	2	2	0	0	0	1	1	0	1	1	1	1	1	0	0	1	1	1	2	2	2	0	1	1				23
	Mar.	2	2	2	1	2	1	1	2	2	1	0	0	2	1	1	0	1	1	2	2	2	1	1	1	0	2	1	0	1	1	0	36
	Apr.	0	1	2	2	0	0	0	2	0	1	2	0	2	2	0	1	2	2	0	0	0	0	2	0	0	0	1	2	0	1		25
	May	0	1	0	1	2	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	1	1	1	0	0	0	2	1	0	1	1	16
	Jun.	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	1		10
	Jul.	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	22
	Aug.	0	0	0	0	0	1	1	0	0	2	0	0	0	0	1	2	1	1	2	1	1	1	2	1	1	1	1	0	0	0	0	22
	Sep.	1	1	0	0	1	2	1	0	0	0	2	2	2	2	1	1	2	2	1	1	2	1	0	0	0	0	1	0	0	0		26
	Oct.	0	2	2	2	1	1	1	1	0	0	1	2	2	2	2	2	1	2	2	2	1	0	0	0	0	1	0	2	2	2	2	38
	Nov.	1	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
	Dec.	1	0	1	1	0	0	1	2	2	1	2	1	0	1	1	1	0	0	0	1	2	1	2	1	1	1	0	0	0	0	0	24
Na	Jan.	0	1	0	1	1	1	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	10
	Feb.	0	1	0	0	2	2	1	0	0	1	0	0	0	0	1	1	0	0	0	1	1	0	2	1	1	0	1	1				17
	Mar.	2	1	1	1	2	1	1	2	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	29
	Apr.	1	2	2	2	1	0	0	1	1	1	1	0	2	1	0	1	2	1	1	0	0	0	1	1	0	0	1	1	0	1		25
	May	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	9
	Jun.	0	0	1	0	0	0	0	0	0	0	2	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1		10
	Jul.	1	0	0	0	0	0	0	1	1	0	1	1	0	1	2	1	1	0	0	1	1	0	0	1	1	1	1	1	0	0	1	18
	Aug.	0	0	0	0	0	1	1	0	0	2	1	0	0	0	1	2	1	1	2	1	1	1	2	1	1	1	1	0	0	0	0	21
	Sep.	1	1	0	0	1	1	1	0	0	0	1	2	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0		19
	Oct.	0	2	2	2	1	0	1	0	0	0	1	1	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	2	2	2	1	28
	Nov.	1	1	1	0	0	0	0	1	0	0	1	0	1	1	1	0	0	0	0	1	1	0	1	2	1	1	1	2	1	0		19
	Dec.	1	0	0	1	0	0	1	1	2	1	1	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	17
Ka	Jan.	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	0	0	1	1	0	1	0	0	1	0	1	0	25
	Feb.	1	1	0	1	1	1	1	0	0	1	0	0	0	1	-	0	1	0	0	1	1	0	1	1	1	1	1	1				17
	Mar.	2	1	1	1	2	1	2	1	2	1	1	1	2	1	1	1	2	1	2	1	1	1	1	1	1	2	1	0	1	1	1	38
	Apr.	1	2	1	2	1	0	0	1	1	1	1	0	1	1	0	1	1	1	1	0	0	0	1	1	0	0	1	1	0	1		22
	May	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	0	0	24
	Jun.	1	0	1	0	1	1	1	1	0	0	2	1	1	2	1	1	0	0	1	0	0	0	1	1	0	1	0	1	1	1		21
	Jul.	1	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	-	1	1	1	29
	Aug.	0	1	0	1	0	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	22
	Sep.	1	1	0	1	1	1	1	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1		26
	Oct.	0	2	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	2	1	2	27
	Nov.	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1		27
	Dec.	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	-	0	0	0	1	2	1	1	0	1	1	1	0	0	0	0	18
ZS	Jan.	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	Feb.	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1				7
	Mar.	2	1	0	0	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	9
	Apr.	1	1	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0		8
	May	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
	Jun.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		2
	Jul.	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
	Aug.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	Sep.	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4
	Oct.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	4
	Nov.	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0		6
	Dec.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	3

TABLE 1a--MAGNETIC CHARACTER-FIGURES, C, RECEIVED AFTER COMPLETION OF TABLE 1, 1943 AND 1944

Obs'y	Month	Day																															Sum
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	1943																																
N1	Jan.	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	1	1	1	0	1	0	14
	Feb.	0	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0				10
	Mar.	0	0	1	1	1	1	0	0	0	0	1	1	0	0	0	1	0	0	1	1	0	1	1	1	0	0	0	0	1	1	1	15
	Apr.	1	1	1	1	1	1	1	0	0	1	1	0	0	0	1	0	0	0	0	1	1	0	0	0	1	1	0	1	0	1		16
	May	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	0	0	0	17
	Jun.	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	0		18
	Jul.	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	0	0	0	0	0	1	0	0	1	1	18
	Aug.	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	24
	Sep.	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	0	0	1	1	1	1	1	1		24
	Oct.	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	23
	Nov.	1	0	0	0	1	1	1	1	1	1	0	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0		21
	Dec.	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	0	1	19
Ma	Jan.	1	0	-	-	2	1	0	1	0	1	0	0	0	0	0	1	1	1	0	2	2	2	1	1	0	1	1	1	1	1	0	22
	Feb.	0	0	1	1	1	1	0	1	0	0	0	1	1	0	0	0	2	1	0	0	0	0	1	1	2	2	0	0				16
	Mar.	-	-	-	-	-	-	-	-	-	-	-	2	0	0	0	2	0	0	1	2	0	1	1	1	0	0	0	0	2	1	1	14
	Apr.	1	1	2	2	2	1	2	0	0	2	1	0	0	0	1	0	0	0	0	1	1	0	0	0	1	2	1	1	1	1		24
	May	2	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	0	0	0	0	1	1	1	1	0	0	0	0	20
	Jun.	0	0	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	1	2	1	1	1	1	1	0	1	1	0	0		18
	Jul.	0	0	1	2	2	2	1	1	2	1	1	1	1	0	1	0	1	1	1	1	1	0	0	0	0	1	0	0	0	1	1	24
	Aug.	1	1	1	1	1	1	1	2	2	0	0	0	2	2	1	1	1	1	2	1	1	0	1	1	1	1	0	2	1	2	2	34
	Sep.	2	2	2	1	1	1	0	2	1	1	1	1	2	2	1	1	0	2	1	1	1	1	0	0	0	2	2	2	2	2		37
	Oct.	2	2	2	1	0	0	2	1	2	2	1	1	0	0	0	0	1	1	1	2	1	2	1	2	2	2	2	2	2	2	2	41
	Nov.	1	0	0	0	1	2	1	1	0	1	0	0	0	0	0	1	0	0	2	2	2	2	2	2	2	2	1	1	2	1		29
	Dec.	1	2	1	1	1	0	0	0	0	0	0	0	0	1	1	1	2	1	2	2	2	1	1	0	1	2	0	0	1	0	2	26
Na	Jan.	1	0	1	2	1	1	0	1	1	0	0	0	0	0	0	1	1	0	0	2	1	2	1	1	0	0	0	1	0	0	0	18
	Feb.	0	0	1	1	1	1	0	1	0	0	0	0	1	0	0	0	2	1	1	0	0	0	0	1	1	1	0	0				13
	Mar.	0	1	1	2	1	0	1	1	1	0	1	2	0	0	0	2	1	0	1	2	1	2	1	1	0	1	1	0	2	1	1	28
	Apr.	1	1	2	2	1	1	1	0	0	2	2	0	0	0	1	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1		25
	May	2	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	2	2	1	0	0	0	1	1	1	1	1	1	1	1	0	27
	Jun.	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1		23
	Jul.	1	1	1	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	32
	Aug.	1	2	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	2	1	1	0	1	1	1	1	1	2	2	2	2	39
	Sep.	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2		36
	Oct.	2	2	2	1	1	0	1	1	2	1	1	1	0	1	0	0	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	38
	Nov.	1	0	0	0	1	2	1	1	1	1	0	0	1	1	0	1	0	1	2	2	2	2	2	2	2	2	1	1	1	1		32
	Dec.	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	0	1	0	1	27
Ka	Jan.	1	0	1	1	1	1	0	0	1	1	1	1	0	0	0	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1	0	27
	Feb.	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	2	1	1	0	0	1	1	1	1	1	1	1				21
	Mar.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	2	1	2	1	1	1	0	0	0	1	1	1	29
	Apr.	1	1	2	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	2	1	1	1	1	1		27
	May	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	2	1	1	0	0	0	1	2	1	1	1	1	1	1	1	29
	Jun.	1	2	1	0	1	1	1	2	1	1	1	1	2	1	1	0	0	0	2	2	2	1	2	2	1	1	1	1	1	0		33
	Jul.	0	0	1	1	2	2	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	0	1	1	0	0	2	1	26
	Aug.	1	1	1	1	1	1	1	2	1	0	0	1	2	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	2	1	30
	Sep.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	1	1	1	0	1	1	2	1	1	1		25
	Oct.	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	1	0	1	1	1	1	2	2	2	2	27
	Nov.	1	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	1	2	-	2	1	1	2	2	1	1	0		25
	Dec.	1	1	1	1	1	0	1	0	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	23
ZS	Jan.	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	4
	Feb.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0				3
	Mar.	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	5
	Apr.	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1		6
	May	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
	Jun.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0		2
	Jul.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
	Aug.	0	0	0	0	0	0	0	1	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2		4
	Sep.	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1		7
	Oct.	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3
	Nov.	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0		5
	Dec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	1944																																
N1	Jan.	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	16
	Feb.	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0			9
	Mar.	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	1	0	1	1	1	1	1	0	0	21
	Apr.	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0		15
	May	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	8
	Jun.	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	1	1	1	0	0	1	1	0	1	0		10
	Jul.	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
	Aug.	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1	8
	Sep.	1	1	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1		14
	Oct.	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	0	0	1	1	1	0	1	0	0	0	17
	Nov.	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		5
	Dec.	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	1	0	0	1	1	0	0	0	0	1	1	1	1	0	13

TABLE 1a--MAGNETIC CHARACTER-FIGURES, C, RECEIVED AFTER COMPLETION OF TABLE 1, 1944 AND 1945

Obs'y	Month	Day																															Sum
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	1944																																
Ma	Jan.	1	0	0	1	1	0	0	0	0	2	2	2	2	2	2	2	1	1	1	1	1	0	1	0	1	1	1	0	0	0	0	26
	Feb.	0	0	0	0	0	0	2	2	1	1	1	1	2	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0			13
	Mar.	0	1	0	1	1	1	2	2	1	1	2	1	1	1	1	0	0	0	2	1	0	0	1	0	1	2	2	1	1	1	-	28
Na	Jan.	1	0	0	0	1	0	0	0	1	1	1	1	2	2	2	1	1	1	1	1	0	1	1	0	1	1	1	1	0	0	1	24
	Feb.	0	0	0	1	1	0	2	1	1	1	1	1	1	2	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1			16
	Mar.	1	1	0	1	1	1	2	2	1	2	1	1	1	1	1	0	0	1	2	0	0	1	1	0	1	1	2	1	1	1	1	30
	Apr.	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1		22
	May	2	1	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	19
	Jun.	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	1	1	0	1	0		13
	Jul.	1	0	1	0	0	1	1	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	17
	Aug.	1	2	2	1	1	0	0	1	0	1	1	1	0	1	1	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	26
	Sep.	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	0	1	2		24
	Oct.	1	1	1	1	0	1	1	0	0	1	1	1	1	2	2	1	1	1	0	1	0	0	2	1	1	1	1	1	1	0	1	27
	Nov.	0	0	0	1	1	1	1	0	1	1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0		11
	Dec.	1	1	1	1	1	1	0	0	1	0	0	0	1	1	1	2	2	1	1	1	1	1	0	0	0	1.	2	1	1	1	1	26
Ka	Jan.	1	0	0	0	1	1	0	1	0	1	2	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1	1	0	1	23
	Feb.	0	1	0	1	1	0	1	1	2	2	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	1	1			20
	Mar.	1	1	1	1	1	2	1	2	2	2	1	2	1	1	0	1	0	2	2	1	0	2	1	0	1	2	2	1	1	1	1	37
	Apr.	1	2	1	1	2	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	1	0	0	2	1	1	1	1	1	1		26
	May	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	20
	Jun.	0	1	0	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		24
	Jul.	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	0	1	1	1	24
	Aug.	1	2	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	26
	Sep.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	0	0	1		25
	Oct.	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	0	1	0	0	1	19
	Nov.	0	0	1	1	1	1	0	0	1	1	0	1	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	1		12
	Dec.	1	1	1	0	1	0	0	0	1	0	1	1	1	1	1	2	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	26
ZS	Jan.	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4
	Feb.	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0			4
	Mar.	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	0	0	0	0	7
	Apr.	0	2	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6
	May	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Jun.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0		3
	Jul.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	Aug.	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0		4
	Sep.	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1		3
	Oct.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Nov.	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0			2
	Dec.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	7
	1945																																
Ni	Jan.	1	1	1	1	0	0	0	0	1	1	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	0	13
	Feb.	0	1	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	0				12
	Mar.	0	0	0	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Fu	Jan.	1	0	1	2	0	0	0	0	2	2	0	0	0	0	2	1	1	1	1	0	0	0	0	0	0	1	0	2	2	1	0	20
	Feb.	0	1	0	1	1	1	0	1	1	0	1	0	0	1	2	2	1	0	0	0	0	1	1	1	1	2	2	2				23
	Mar.	0	1	1	0	2	2	1	1	1	0	2	2	0	2	2	2	1	1	0	1	1	0	0	0	1	2	2	2	1	0	0	31
	Apr.	2	1	0	1	1	2	1	1	0	0	2	2	1	2	1	0	0	0	1	1	0	1	-	1	0	0	0	0	0	1		22
	May	1	1	1	0	-	0	0	0	1	1	1	0	1	1	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	1	1	13
	Jun.	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	1	0	1		11
	Jul.	2	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	1	1	1	0	15
	Aug.	0	1	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	10
	Sep.	1	0	0	1	1	0	0	0	0	1	2	1	1	0	0	1	2	2	1	0	1	0	0	0	1	1	0	0	0	1		18
	Oct.	1	0	0	0	0	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	Nov.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dec.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Na	Jan.	1	1	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	1	1	0	1	0	0	0	0	1	0	1	2	1	0	19
	Feb.	0	1	0	0	1	1	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	1	1	0	1	1	1	1				16
	Mar.	0	0	1	0	2	1	1	1	1	0	1	2	0	1	2	1	1	1	1	2	1	0	0	1	1	2	1	2	1	0	0	28
	Apr.	2	1	0	0	1	1	1	1	0	0	2	1	0	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	1		17
	May	1	1	1	0	0	0	0	0	1	1	1	1	0	1	0	0	0	1	1	0	1	0	0	1	1	0	0	0	0	1	0	14
	Jun.	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1		7
	Jul.	2	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	0	0	1	1	1	0	18
	Aug.	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	1	1	0	0	0	0	2	0	0	0	8
	Sep.	0	0	0	1	1	0	0	1	0	0	1	1	1	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	1		12
	Oct.	1	1	0	0	1	0	1	1	0	0	0	1	1	1	0	1	1	0	1	1	1	0	0	2	2	0	1	2	1	0	0	21
	Nov.	0	0	0	1	1	0	0	1	2	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		10
	Dec.	0	0	0	0	1	1	0	1	1	0	0	0	1	2	1	0	0	0	1	1	1	0	1	0	1	1	1	1	0	0	0	16

TABLE 1a--MAGNETIC CHARACTER-FIGURES, C, RECEIVED AFTER COMPLETION OF TABLE 1, 1945 AND 1946

Obs'y	Month	Day																															Sum
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	1945																																
SM	Apr.	1	1	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		10
	May	1	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	0	1	15
	Jun.	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	1	0	1		13
	Jul.	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	1	0	1	0	13
	Aug.	0	1	0	0	0	0	0	1	0	1	0	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	14
	Sep.	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0	1	1	1	1		12
	Oct.	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	0	0	2	2	0	1	1	0	0	0	16
	Nov.	0	0	0	0	1	0	0	1	2	1	1	1	1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	1	0		13
	Dec.	0	0	0	0	0	0	0	1	1	1	0	0	1	2	0	0	1	0	0	1	1	0	1	1	1	1	1	1	1	1	0	16
Ka	Jan.	1	1	-	-	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	20
	Feb.	0	1	0	0	1	1	0	1	1	0	1	0	0	1	1	1	1	-	0	0	0	1	-	1	1	1	1	1				16
	Mar.	1	0	1	0	1	1	1	1	0	0	1	1	1	1	2	1	0	1	0	1	1	1	0	1	1	2	2	2	1	1	0	27
	Apr.	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	0	0	0	1	1		22
	May	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	2	1	1	0	1	1	1	27
	Jun.	0	0	0	0	0	1	2	1	1	1	1	0	1	0	0	0	1	1	0	1	0	0	0	0	1	1	1	1	0	1		16
	Jul.	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0	0	0	1	1	1	0	15
	Aug.	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	1	1	1	0	0	20
	Sep.	1	1	0	1	0	1	1	1	1	0	1	1	1	0	0	0	2	2	1	1	0	0	0	0	1	0	1	1	0	1		20
	Oct.	0	0	0	0	1	0	1	1	1	0	0	1	1	0	1	1	0	0	0	1	0	0	1	2	2	0	1	1	1	0	0	17
	Nov.	0	0	0	0	0	0	0	1	2	1	1	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0		11
	Dec.	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	1	1	0	1	2	1	0	1	2	1	1	1	1	1	1	1	23
ZS	Jan.	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	4
	Feb.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0				2
	Mar.	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	8
	Apr.	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	3
Te	Jan.	0	0	0	0	0	0	0	0	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	7
	Feb.	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	0	0	0	0	0	2	2	2	2	2	0	0				19
	Mar.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Apr.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	1	0	0	0	1	2		10
	May	2	2	2	1	0	0	0	0	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
	Jun.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jul.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aug.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3
	Sep.	2	1	2	1	0	0	0	1	0	0	1	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0		13
	Oct.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1	2	0	0	0	8
	Nov.	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5
	Dec.	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	0	0	1	0	1	0	0	0	0	0	0	18
	1946																																
Ag	Apr.	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1	2	2	1	1	1	1	1	1		31
	May	1	1	1	1	1	2	2	2	1	1	2	1	1	1	0	1	1	1	0	1	2	2	1	1	1	1	1	1	1	1	1	35
	Jun.	1	1	0	1	1	1	2	1	2	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	2	1		34
	Jul.	-	-	2	1	0	1	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	2	2	1	2	1	1	31
	Aug.	1	0	1	0	1	1	1	0	0	1	1	1	1	2	1	1	1	1	1	0	0	0	1	1	1	0	1	0	0	1	2	23
	Sep.	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	2	2	2	2	1	1	2	2	1	0	1	1	2	2	2		35
	Oct.	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	0	1	1	1	0	1	0	1	1	2	1	1	0	1	25
	Nov.	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0		22
	Dec.	1	1	1	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	0	0	20
El	Jun.	0	0	0	0	1	1	2	2	1	0	0	1	1	0	0	1	1	1	1	1	1	1	0	1	0	0	1	1	2	0		21
	Jul.	0	0	1	0	0	0	2	2	2	1	0	0	0	1	1	1	1	2	1	0	0	0	1	0	0	2	2	1	2	2	0	25
	Aug.	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	2	14
	Sep.	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	2	1	2	2	1	2	2	2	1	0	0	1	2	1	1		26
	Oct.	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	15
	Nov.	1	1	0	0	2	2	1	0	0	1	1	1	0	0	1	1	0	0	0	1	1	0	0	2	1	1	0	0	0	0		18
	Dec.	0	0	0	0	1	1	0	0	0	0	1	1	-	0	0	0	0	0	1	0	1	1	1	0	1	1	0	0	0	0	0	10

TABLE 1a--MAGNETIC CHARACTER-FIGURES, C, RECEIVED AFTER COMPLETION OF TABLE 1, 1939-1943

Obs'y	Month	Day																													Sum
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	1939																																
Wn	Jan.	0	0	0	0	1	1	0	1	1	1	1	0	0	1	0	1	1	0	0	0	1	1	1	-	0	0	0	0	0	0	0	12
	Feb.	1	1	1	0	1	2	1	0	1	0	0	0	0	0	1	1	1	1	1	0	0	0	1	2	2	0	0	1				19
	Mar.	1	1	1	1	1	1	0	1	1	1	1	-	0	1	1	1	1	0	0	1	1	1	1	1	0	1	1	2	2	1	1	27
	Apr.	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	2	1	1	1	1	1	2	2	2	1	1	1	1	0		27
	May	2	2	1	1	1	2	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	26
	Jun.	1	1	1	1	1	0	0	0	0	0	0	0	1	2	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1		21
	Jul.	1	1	2	1	2	0	0	0	0	0	1	1	0	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	22
	Aug.	0	0	0	-	-	0	0	-	0	1	1	2	2	0	0	-	1	-	1	0	1	2	2	1	-	0	0	0	0	0	-	14
	Sep.	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	2	0	1	1	0	1	0	0	1	1	0	0	0	1		13
	Oct.	1	0	2	1	1	1	1	0	1	0	1	0	2	2	2	2	1	1	1	0	1	0	1	0	0	0	0	1	1	1	0	25
	Nov.	-	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	1	0	0	0	0	1	1	1	-	0	0	0		9
	Dec.	0	0	0	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	0	0	14
	1940																																
Wn	Jan.	0	0	2	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2	0	0	0	1	0	1	1	0	0	0	1	1	1	21
	Feb.	1	1	1	0	1	1	1	1	0	0	0	1	1	0	0	1	0	-	0	1	1	1	1	1	1	1	0	0	1			18
	Mar.	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	1	0	0	1	1	1	1	-	-	-	1	1	1	2	2	2	19
	Apr.	2	1	2	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	2	2	1	1	1	1		24
	May	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	2	1	1	1	1	1	2	1	1	1	1	1	0	0	23
	Jun.	0	1	1	0	0	1	1	1	1	0	0	0	0	2	1	1	1	1	1	0	0	1	0	1	2	1	1	1	1	1		22
	Jul.	1	0	1	1	1	1	1	0	1	1	1	0	2	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	21
	Aug.	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	1	0	0	0	1	1	1	0	0	0	18
	Sep.	1	0	1	1	1	0	1	1	1	0	0	0	0	1	-	1	0	0	0	1	1	0	0	0	1	1	1	1	1	1		17
	Oct.	1	1	1	1	1	1	2	2	0	0	0	1	0	0	1	1	0	1	1	1	1	1	0	0	1	2	1	1	0	0	0	23
	Nov.	0	0	0	2	1	0	0	0	-	0	0	1	2	1	1	1	1	0	0	1	1	1	1	0	2	1	1	0	1	1		20
	Dec.	1	1	1	1	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	2	1	1	1	1	1	1	0	1	1	1	1	21
	1941																																
Wn	Jan.	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	-	1	0	0	0	0	1	1	1	1	0	0	0	0	8
	Feb.	0	0	1	-	1	1	1	1	0	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	1	0	0	0				14
	Mar.	2	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0	2	1	2	1	21
	Apr.	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0	1	0	0		6
	May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3
	Jun.	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		2
	Jul.	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
	Aug.	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	6
	Sep.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0		6
	Oct.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	4
	Nov.	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6
	Dec.	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	1942																																
Wn	Jan.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	Feb.	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1				4
	Mar.	2	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	9
	Apr.	0	0	1	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0		6
	May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	Jun.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
	Jul.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Aug.	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	2	1	0	0	0	0	0	0	0	8
	Sep.	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0		11
	Oct.	0	2	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	1	2	1	0	0	0	0	0	0	0	2	2	2	1	21
	Nov.	1	1	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	0	0	1	0	0	1	2	1	1	1	2	1	0		17
	Dec.	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	11
	1943																																
Wn	Jan.	1	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	1	0	0	0	1	0	0	0	0	0	11
	Feb.	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	2	1	0	0	0	0	0	1	1	1	1	0	0			9
	Mar.	0	1	1	1	1	0	1	1	0	0	1	1	0	0	0	1	1	0	1	1	0	1	1	1	0	0	0	0	2	1	1	18
	Apr.	1	1	1	1	2	1	1	0	0	1	1	0	0	0	1	1	0	0	0	1	1	0	0	0	1	1	0	1	1	1		19
	May	2	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	2	2	1	0	0	0	1	1	1	0	1	1	1	1	0	24
	Jun.	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	1	0	0	0	1	0	0		9
	Jul.	0	0	0	1	1	1	0	1	1	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	11
	Aug.	1	1	1	1	1	1	1	2	1	0	0	0	2	1	1	1	1	1	1	1	1	0	0	1	0	0	0	1	1	2	2	27
	Sep.	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	1	1	1	2	2		20
	Oct.	1	2	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	2	1	1	1	17
	Nov.	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	2	1	1	1	1	1	1	1		16
	Dec.	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	8

TABLE 1a--MAGNETIC CHARACTER-FIGURES, C, RECEIVED AFTER COMPLETION OF TABLE 1, 1944-1946

Obs'y	Month	Day																															Sum
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	1944																																
Wn	Jan.	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
	Feb.	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			3
	Mar.	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	0	0	0	0	8
	Apr.	0	2	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6
	May	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4
	Jun.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	Jul.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Aug.	0	0	1	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
	Sep.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		1
	Oct.	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	Nov.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
	Dec.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4
	1945																																
Wn	Jan.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
	Feb.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0				3
	Mar.	0	0	0	0	1	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	8
	Apr.	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		3
	May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jun.	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		1
	Jul.	1	0	0	-	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	Aug.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2
	Sep.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0		2
	Oct.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	4
	Nov.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
	Dec.	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	7
	1946																																
Wn	Jan.	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4
	Feb.	0	0	0	0	0	0	2	2	0	1	0	0	0	1	1	0	0	0	1	1	1	0	1	0	0	0	0	0				11
	Mar.	1	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1	2	2	1	1	2	1	0	0	18
	Apr.	0	1	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0		10
	May	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	10
	Jun.	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0	1	0	1	0		10
	Jul.	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	0	1	1	0	0	0	1	0	0	2	2	0	1	1	0	13
	Aug.	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7
	Sep.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	1	2	2	1	0	0	1	2	1	1		16
	Oct.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
	Nov.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	Dec.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2

TABLE 2—INTERNATIONAL DAILY MAGNETIC CHARACTER-FIGURES, C, 1940
(Dependent only on data of Table 1)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.5	1.5	0.3	1.8	0.4	0.1	0.4	0.7	1.2	1.6	0.8	0.7
2	0.7	1.0	0.1	1.4	0.3	0.5	0.2	0.8	0.8	0.9	0.3	1.2
3	1.8	1.1	0.3	1.9	0.2	0.5	0.9	1.5	1.1	1.0	0.7	1.0
4	1.2	0.6	0.2	1.1	0.1	0.2	1.1	0.4	1.0	0.6	1.3	0.8
5	0.7	0.5	0.1	0.6	0.2	0.7	0.9	0.7	0.6	0.5	1.1	0.4
6	1.2	1.0	0.1	0.4	0.0	1.3	0.8	1.0	0.5	0.9	0.4	0.2
7	1.2	0.9	0.1	0.0	0.4	1.2	0.3	0.9	1.2	1.7	0.5	0.0
8	0.5	0.7	0.8	0.1	0.2	1.0	0.3	0.7	0.9	1.0	0.1	0.0
9	1.0	0.4	1.1	0.1	0.6	0.9	0.9	1.6	0.8	0.4	0.9	0.6
10	1.5	0.4	0.2	0.0	1.1	0.3	1.3	0.6	0.1	0.5	0.1	0.8
11	1.4	0.7	0.1	0.3	1.0	0.2	0.6	0.9	0.2	0.5	0.1	0.6
12	1.2	1.0	1.0	0.1	1.1	0.3	0.2	0.6	0.1	0.5	1.6	0.7
13	0.3	0.7	0.6	0.7	0.6	0.2	1.8	0.4	0.2	0.1	1.5	0.6
14	0.2	0.3	0.4	0.6	0.8	1.6	1.2	0.4	1.1	0.0	1.0	1.0
15	0.3	0.4	0.1	1.0	1.0	1.3	0.8	0.1	0.7	0.8	0.7	0.8
16	0.8	0.4	0.4	0.7	0.4	0.9	0.4	0.1	0.8	0.8	1.1	0.6
17	1.2	0.2	0.1	0.3	0.7	0.8	0.2	0.1	0.1	0.4	1.0	0.6
18	1.7	0.0	0.0	0.1	1.5	1.0	0.1	1.0	0.1	0.8	0.3	0.4
19	0.5	0.1	1.2	0.3	0.7	0.7	0.3	0.8	0.1	1.0	0.3	0.3
20	0.5	1.0	1.2	0.7	0.7	0.1	0.2	0.7	0.8	0.6	0.8	1.7
21	0.1	1.0	0.8	0.9	0.6	0.1	0.6	0.4	0.9	1.1	1.2	1.5
22	0.6	0.6	0.6	1.0	1.3	0.8	0.9	0.7	0.5	1.0	1.3	1.2
23	0.5	0.6	1.5	0.5	1.2	0.5	0.4	0.3	0.0	0.0	1.2	1.2
24	0.9	0.9	2.0	0.4	1.8	1.0	0.7	0.0	0.1	0.0	0.4	0.5
25	0.9	1.6	2.0	1.8	0.8	2.0	0.5	0.3	1.1	1.1	1.7	0.8
26	0.2	0.7	1.6	1.4	1.2	1.2	0.3	1.1	1.7	1.5	1.2	0.8
27	0.2	0.2	1.3	0.8	1.0	0.5	0.2	0.9	1.6	1.1	0.8	0.7
28	0.1	0.3	1.1	0.6	0.9	0.5	0.3	0.8	1.4	0.8	0.4	0.8
29	0.9	0.9	1.9	0.5	0.4	0.6	0.5	0.5	0.7	0.3	1.5	1.1
30	1.2		2.0	0.8	0.1	0.7	1.1	0.2	0.7	0.3	0.9	1.5
31	1.5		1.9		0.0		1.0	0.5		0.5		1.3
Mean	0.82	0.68	0.81	0.70	0.69	0.72	0.63	0.64	0.70	0.72	0.84	0.79

Mean for the year: 0.73

TABLE 3--SELECTED DAYS, 1940

Month	Five quiet days					Five disturbed days					Ten quiet days									
Jan	14	21	26	27	28	3	10	11	18	31	13	14	15	20	21	23	26	27	28	29
Feb	14	17	18	19	27	1	2	3	12	25	4	5	10	14	15	17	18	19	27	28
Mar	6	7	11	15	18	24	25	29	30	31	2	4	5	6	7	10	11	15	17	18
Apr	7	8	9	10	12	1	2	3	25	26	7	8	9	10	11	12	18	19	23	24
May	3	4	6	30	31	18	22	23	24	26	1	2	3	4	5	6	7	8	30	31
Jun	1	4	11	20	21	6	7	14	15	25	1	3	4	10	11	12	13	20	21	28
Jul	2	17	18	20	27	4	10	13	14	30	2	7	8	12	17	18	19	20	26	27
Aug	15	16	17	24	30	3	6	9	11	26	13	15	16	17	21	22	23	24	25	30
Sep	10	12	17	19	23	1	7	26	27	28	10	11	12	13	17	18	19	23	24	30
Oct	13	14	23	24	30	1	7	8	25	26	9	10	13	14	17	23	24	29	30	31
Nov	8	10	11	18	19	12	13	22	25	29	2	6	8	10	11	18	19	24	27	28
Dec	6	7	8	18	19	20	21	22	30	31	4	5	6	7	8	11	17	18	19	24

Days proposed for reproduction of magnetograms: January 3; March 24[+] and 29[+]; April 2 and 25; June 25; July 13; September 26 and 27; October 7; November 25.

TABLE 2—INTERNATIONAL DAILY MAGNETIC CHARACTER-FIGURES, C, 1941
(Dependent only on data of Table 1)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.0	0.3	2.0	0.4	0.5	0.3	0.5	0.5	1.0	0.2	1.7	1.8
2	0.4	0.4	1.4	0.7	0.2	0.1	0.3	1.3	0.7	0.4	0.3	1.1
3	0.3	1.1	1.2	0.8	0.2	0.2	0.7	0.8	0.2	0.2	0.4	0.7
4	0.4	0.5	1.4	0.2	0.9	0.1	1.3	1.8	0.1	0.2	0.2	1.0
5	0.2	1.0	1.3	0.2	0.2	0.1	2.0	1.1	0.0	0.3	0.9	0.8
6	1.0	1.1	1.0	0.4	0.5	0.5	1.6	1.1	0.0	0.2	1.5	0.5
7	0.9	1.2	1.0	1.0	0.3	0.2	1.5	1.1	1.2	0.1	1.0	0.4
8	0.4	0.9	0.8	0.7	0.6	0.4	0.9	0.2	0.6	0.6	1.0	0.5
9	0.8	0.7	0.8	0.8	0.5	1.0	1.0	0.1	0.6	0.3	0.9	0.5
10	0.5	0.4	0.4	1.2	0.5	1.4	1.1	0.1	0.4	0.6	1.1	0.3
11	0.6	0.3	0.7	1.0	0.2	1.2	0.5	0.4	0.5	1.6	1.0	0.1
12	0.4	0.2	0.7	0.7	0.3	0.6	0.6	0.3	0.1	1.0	0.6	0.2
13	0.3	1.4	0.9	0.3	0.5	1.6	0.2	0.4	1.3	0.5	0.4	0.9
14	0.1	1.1	1.8	0.1	0.3	1.1	0.1	0.3	1.3	0.9	0.3	1.1
15	0.2	1.1	1.0	0.4	0.4	1.2	0.2	0.1	1.3	0.8	0.2	0.6
16	0.8	0.6	0.3	0.7	0.9	0.2	0.8	0.1	1.0	0.9	0.3	0.8
17	1.7	1.0	0.1	0.3	1.2	1.2	0.5	0.1	0.6	0.2	1.5	0.7
18	1.4	0.3	0.5	1.0	0.5	1.0	0.3	0.3	2.0	0.2	1.2	0.9
19	1.2	0.4	1.2	1.3	0.2	0.5	0.3	1.1	2.0	0.6	1.0	0.3
20	0.8	0.8	1.3	0.6	0.2	1.1	0.5	0.2	1.5	0.3	0.4	0.2
21	0.4	1.4	1.4	0.4	1.3	0.7	1.4	0.5	1.3	0.2	0.5	0.3
22	0.5	1.6	1.3	0.2	1.2	0.7	1.0	0.2	0.2	1.6	0.9	0.2
23	1.3	1.4	1.0	0.1	1.1	0.2	0.9	0.0	1.0	0.9	0.8	0.7
24	1.5	1.1	0.6	1.8	1.1	0.5	0.7	0.4	1.3	0.9	0.2	0.5
25	1.3	1.0	0.3	1.3	0.9	0.3	0.7	0.7	1.1	0.4	0.3	0.1
26	1.0	0.7	0.1	0.8	0.6	0.6	0.1	1.3	0.2	0.8	0.1	0.4
27	1.1	0.2	0.1	0.2	0.3	0.7	0.0	1.6	0.6	0.4	0.7	0.8
28	0.8	0.5	1.8	1.1	0.5	0.3	0.2	1.3	0.4	0.3	1.6	0.4
29	0.3		1.5	0.8	0.5	0.6	0.1	1.3	0.8	0.3	0.5	0.6
30	0.7		1.9	0.1	0.6	0.2	0.2	1.2	0.7	0.4	0.4	0.4
31	0.1		1.6		0.7		0.3	0.6		1.6		0.3
Mean	0.72	0.81	1.01	0.65	0.58	0.63	0.66	0.66	0.80	0.58	0.73	0.58

Mean for the year: 0.70

TABLE 3--SELECTED DAYS, 1941

Month	Five quiet days					Five disturbed days					Ten quiet days									
Jan	5	14	15	21	31	17	18	23	24	25	2	3	5	12	13	14	15	21	22	31
Feb	1	11	12	18	27	7	13	21	22	23	1	2	4	10	11	12	18	19	27	28
Mar	10	16	17	26	27	1	14	28	30	31	8	10	12	16	17	18	24	25	26	27
Apr	14	22	23	27	30	7	10	19	24	25	1	4	5	13	14	15	22	23	27	30
May	2	3	5	19	20	17	21	22	23	24	2	3	5	7	11	14	15	19	20	27
Jun	2	3	4	5	16	10	11	13	14	15	2	3	4	5	7	8	16	23	25	30
Jul	13	14	26	27	29	4	5	6	7	21	2	13	14	15	18	26	27	28	29	30
Aug	9	10	16	17	23	2	4	26	27	29	8	9	10	11	15	16	17	20	22	23
Sep	4	5	6	12	22	13	15	18	19	20	3	4	5	6	8	10	11	12	22	26
Oct	4	6	7	17	21	11	12	16	22	31	3	4	7	17	18	21	25	27	28	29
Nov	4	15	16	24	26	1	6	10	17	28	2	3	4	14	15	16	24	25	26	30
Dec	11	12	20	21	25	1	2	14	16	27	8	11	12	20	21	22	25	26	30	31

Days proposed for reproduction of magnetograms: March 1[+] and 30; July 5; September 18[+] and 19[+].

TABLE 2—INTERNATIONAL DAILY MAGNETIC CHARACTER-FIGURES, C, 1942
(Dependent only on data of Table 1)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.1	0.3	2.0	0.7	0.8	0.2	0.8	0.2	0.8	0.1	0.8	0.4
2	1.1	0.9	1.5	1.3	0.8	0.0	0.2	0.3	0.8	1.7	0.9	0.2
3	1.1	0.3	1.5	1.2	0.3	0.7	0.1	0.3	0.3	1.5	0.6	0.3
4	1.2	0.2	0.9	1.8	1.0	0.2	0.0	0.2	0.5	1.3	0.5	0.6
5	1.1	1.3	1.7	0.5	0.9	0.4	0.2	0.3	0.5	1.1	0.3	0.2
6	0.8	1.5	1.1	0.2	0.3	0.2	0.4	0.8	1.2	0.3	0.3	0.2
7	0.5	0.6	1.1	0.1	0.1	0.1	0.4	1.1	0.6	0.6	0.4	0.8
8	0.2	0.1	1.3	1.2	0.1	0.2	1.3	0.0	0.2	0.4	0.9	0.8
9	0.3	0.1	1.4	0.5	0.0	0.0	0.8	0.4	0.2	0.2	0.3	1.4
10	0.6	0.7	0.8	0.4	0.4	0.0	0.7	1.3	0.2	0.5	0.8	1.0
11	0.4	0.5	0.5	1.4	0.2	1.2	1.6	0.7	1.2	0.8	0.7	0.9
12	0.6	0.1	0.2	0.2	0.0	1.0	1.2	0.6	1.7	1.4	0.4	0.8
13	0.3	0.2	1.2	1.2	0.0	1.0	0.5	0.1	1.1	1.2	0.8	0.2
14	0.4	0.5	1.2	1.2	1.0	0.9	0.7	0.1	1.2	1.3	0.8	0.4
15	0.5	0.9	0.5	0.1	0.4	0.1	1.2	0.7	1.1	1.2	0.5	0.3
16	0.8	0.7	0.2	0.9	0.4	0.4	0.9	1.3	1.1	1.1	0.3	0.4
17	1.1	0.4	0.4	1.4	0.2	0.5	0.6	1.2	1.4	0.5	0.3	0.1
18	1.0	0.1	1.0	1.3	0.2	0.4	0.2	1.2	1.2	1.0	0.5	0.0
19	0.9	0.2	1.1	0.7	0.1	1.2	0.2	1.2	1.1	1.2	0.2	0.1
20	0.3	0.5	0.7	0.5	0.6	0.5	1.2	1.0	1.1	0.9	1.0	0.7
21	0.2	0.6	1.1	0.1	0.4	0.2	0.8	0.7	1.3	0.4	0.4	1.5
22	0.6	0.3	0.7	0.0	0.8	0.1	0.3	0.6	1.0	0.1	0.2	1.0
23	0.2	1.7	0.7	1.3	0.4	0.6	0.4	1.4	0.3	0.2	1.2	1.5
24	0.2	1.3	0.3	0.6	0.3	0.5	0.5	1.1	0.3	0.1	1.7	1.0
25	0.2	0.9	0.2	0.0	0.2	0.4	1.2	1.0	0.1	0.7	1.4	0.7
26	0.1	0.3	1.5	0.0	0.0	0.3	0.6	0.8	0.2	0.6	1.4	1.1
27	0.3	0.8	0.4	0.9	1.1	0.2	1.1	0.7	0.5	0.4	0.9	0.3
28	0.6	1.4	0.0	0.9	0.9	0.9	1.0	0.1	0.2	1.7	1.3	0.2
29	0.2		0.9	0.2	0.2	1.0	0.5	0.1	0.2	1.8	0.9	0.2
30	0.3		0.7	0.9	0.2	0.9	0.5	0.6	0.2	1.4	0.4	0.0
31	0.0		0.5		0.1		0.4	0.5		1.2		0.0
Mean	0.52	0.62	0.88	0.72	0.40	0.48	0.66	0.66	0.73	0.87	0.70	0.56

Mean for the year: 0.65

TABLE 3--SELECTED DAYS, 1942

Month	Five quiet days					Five disturbed days					Ten quiet days									
Jan	1	21	24	26	31	3	4	5	17	18	1	8	20	21	24	26	27	29	30	31
Feb	8	9	12	18	19	5	6	23	24	28	1	3	4	8	9	12	13	18	19	26
Mar	12	16	25	27	28	1	2	3	5	8	11	12	15	16	17	24	25	27	28	31
Apr	7	21	22	25	26	3	4	11	17	18	6	7	10	12	15	21	22	25	26	29
May	9	12	13	26	31	4	5	14	27	28	7	8	9	12	13	17	19	25	26	31
Jun	2	7	9	10	22	11	13	19	29	30	1	2	4	7	8	9	10	15	21	22
Jul	2	3	4	5	19	8	11	15	20	27	2	3	4	5	6	7	18	19	22	23
Aug	4	8	13	28	29	10	16	18	19	23	1	2	4	5	8	13	14	28	29	30
Sep	25	26	28	29	30	6	11	12	17	21	3	9	10	23	24	25	26	28	29	30
Oct	1	9	22	23	24	2	3	12	28	29	1	6	9	10	21	22	23	24	26	27
Nov	9	16	17	19	22	23	24	25	26	28	5	6	7	9	16	17	19	21	22	30
Dec	17	18	19	30	31	9	10	21	23	26	2	5	6	13	17	18	19	29	30	31

Days proposed for reproduction of magnetograms: February 28^{+}; March 1^{+}.

TABLE 2—INTERNATIONAL DAILY MAGNETIC CHARACTER-FIGURES, C, 1943
(Dependent only on data of Table 1)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.5	0.3	0.4	0.7	1.5	0.4	0.1	1.0	1.2	1.4	1.2	0.5
2	0.2	0.2	1.0	0.8	1.2	0.3	0.2	1.0	1.2	1.5	0.2	0.9
3	0.5	0.5	0.6	1.3	0.7	0.1	0.8	1.1	1.4	1.5	0.2	1.1
4	1.4	0.7	1.2	1.0	0.4	0.1	1.4	1.2	1.1	1.0	0.1	1.0
5	0.9	0.7	0.9	1.2	0.4	0.3	1.5	1.0	0.9	0.4	0.6	0.6
6	0.4	0.6	0.4	1.2	0.2	0.7	1.4	0.8	0.4	0.2	1.3	0.1
7	0.1	0.3	0.4	0.9	0.1	0.7	0.8	1.0	0.2	0.9	0.7	0.2
8	0.4	0.4	0.4	0.3	0.0	1.3	1.1	1.7	1.1	1.2	0.6	0.3
9	0.2	0.3	0.3	0.2	0.1	1.1	1.3	1.1	1.2	1.5	0.4	0.3
10	0.3	0.2	0.2	1.3	0.3	1.0	1.1	0.3	1.1	1.0	0.5	0.4
11	0.2	0.4	1.0	1.3	0.6	0.7	1.1	0.2	0.9	0.6	0.1	0.1
12	0.3	0.3	1.1	0.2	0.6	0.8	0.9	0.5	0.9	0.5	0.2	0.1
13	0.1	0.8	0.0	0.1	1.0	1.0	0.8	1.6	1.0	0.2	0.2	0.2
14	0.0	0.2	0.3	0.0	0.6	0.8	0.1	1.2	1.0	0.2	0.2	0.7
15	0.1	0.2	0.0	0.5	1.1	0.1	0.5	0.9	0.6	0.1	0.2	0.4
16	0.5	0.4	1.3	0.6	0.8	0.1	0.4	1.2	0.5	0.2	0.7	1.6
17	1.3	1.6	0.6	0.2	1.1	0.1	0.6	1.0	0.4	0.5	0.1	1.3
18	0.6	0.5	0.3	0.2	1.3	0.1	1.1	1.4	0.4	0.3	0.5	1.0
19	0.3	0.4	0.8	0.1	1.0	0.8	0.8	1.4	0.4	0.3	1.8	1.5
20	1.6	0.3	1.3	0.5	0.2	1.2	0.4	1.3	0.3	0.8	1.5	1.3
21	1.3	0.2	0.5	1.0	0.2	1.1	0.7	0.7	1.0	0.3	1.5	1.0
22	1.3	0.2	1.2	0.3	0.0	1.0	0.7	0.2	0.9	1.0	1.1	0.9
23	0.5	0.5	1.2	0.1	0.6	1.2	0.2	0.4	0.4	0.5	1.5	0.7
24	0.3	0.5	0.5	0.0	1.1	1.1	0.2	0.9	0.2	1.5	1.5	0.4
25	0.1	1.1	0.2	0.8	1.1	0.8	0.1	0.7	0.7	1.3	1.6	0.5
26	0.8	1.3	0.3	1.3	0.5	0.2	0.4	0.8	1.3	1.7	1.5	0.9
27	0.5	0.6	0.2	0.5	0.9	0.5	0.4	0.2	1.4	1.3	1.4	0.3
28	0.6	0.2	0.2	0.4	1.2	1.2	0.2	1.4	1.5	1.3	1.0	0.1
29	0.2		1.5	0.6	0.7	0.3	0.2	1.4	1.6	1.4	1.1	0.4
30	0.3		1.3	1.1	0.3	0.0	1.1	1.8	1.8	1.2	0.3	0.3
31	0.2		0.9		0.2		0.8	2.0		1.3		0.8
Mean	0.52	0.50	0.66	0.62	0.65	0.62	0.69	1.01	0.90	0.87	0.79	0.64

Mean for the year: 0.71

TABLE 3--SELECTED DAYS, 1943

Month	Five quiet days					Five disturbed days					Ten quiet days									
Jan	7	11	13	14	15	4	17	20	21	22	1	7	8	11	13	14	15	25	29	31
Feb	10	12	15	21	28	4	13	17	25	26	7	10	12	14	15	16	20	21	22	28
Mar	10	13	15	25	28	16	20	23	29	30	1	7	10	13	15	18	25	26	27	28
Apr	9	13	14	23	24	3	6	10	11	26	8	9	12	13	14	18	19	23	24	27
May	7	8	9	21	22	1	15	18	24	28	6	7	8	9	10	11	20	21	22	31
Jun	4	16	17	18	30	8	9	23	24	28	3	4	5	15	16	17	18	26	29	30
Jul	1	14	24	25	29	4	5	6	8	9	1	2	14	23	24	25	26	27	28	29
Aug	10	11	22	23	27	8	13	20	30	31	1	6	10	11	12	21	22	23	26	27
Sep	7	16	18	20	24	3	26	28	29	30	6	7	15	16	17	18	19	20	23	24
Oct	6	14	15	16	18	1	2	3	9	26	5	6	11	13	14	15	16	18	19	21
Nov	11	13	14	15	17	19	20	25	26	27	2	3	4	11	12	13	14	15	17	30
Dec	6	11	12	13	28	3	16	17	19	20	6	7	8	10	11	12	13	15	28	30

Days proposed for reproduction of magnetograms: August 30 and 31.

TABLE 2—INTERNATIONAL DAILY MAGNETIC CHARACTER-FIGURES, C, 1944
(Dependent only on data of Table 1)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.1	0.2	0.2	0.8	1.7	0.3	0.2	0.4	0.6	1.2	0.1	0.5
2	0.3	0.3	0.6	2.0	1.1	0.2	0.2	1.1	1.2	0.4	0.1	1.1
3	0.1	0.1	0.1	1.0	0.4	0.1	0.4	1.6	0.5	1.0	0.4	0.5
4	0.2	0.5	1.3	1.1	1.1	0.5	0.3	0.2	0.5	0.4	0.8	0.2
5	0.7	0.3	0.6	1.2	0.9	0.5	0.2	0.4	0.4	0.1	1.4	0.4
6	0.4	0.2	1.2	1.2	1.0	0.2	0.3	0.3	0.2	0.9	0.8	0.3
7	0.2	1.7	1.4	0.9	0.9	0.2	0.5	0.2	0.3	0.3	0.2	0.0
8	0.3	1.3	1.0	0.8	0.4	0.0	0.2	0.5	0.6	0.0	0.2	0.1
9	0.3	1.2	1.2	0.8	0.2	0.3	0.8	0.2	0.2	0.1	0.3	0.2
10	0.9	1.1	1.6	1.0	0.1	0.2	0.5	0.6	0.3	0.5	0.9	0.1
11	1.4	1.0	0.9	0.6	0.1	0.4	0.1	0.5	0.4	1.4	0.1	0.1
12	1.2	0.6	1.2	0.5	0.2	0.0	0.2	0.6	0.5	0.5	0.0	0.1
13	1.4	0.8	0.9	0.0	0.1	0.3	0.3	0.3	0.4	0.5	0.0	1.2
14	1.5	1.6	0.8	0.0	0.1	0.6	0.4	0.3	0.5	1.5	0.2	0.8
15	1.3	1.1	0.2	0.7	0.2	1.1	0.6	0.2	0.1	1.4	0.0	0.8
16	1.2	0.3	0.3	1.5	0.0	0.7	0.6	0.3	0.0	0.4	0.1	1.9
17	1.0	0.2	0.0	0.4	0.1	0.4	0.4	0.3	0.2	0.4	0.1	1.9
18	0.9	0.1	1.1	0.3	0.1	0.2	0.4	1.3	0.4	0.4	0.3	1.2
19	0.7	0.1	1.3	0.1	0.1	0.3	0.7	0.5	0.1	0.1	0.4	0.3
20	0.5	1.0	0.4	0.1	0.1	0.6	0.8	0.2	0.7	0.3	1.2	0.4
21	0.2	0.4	0.5	0.2	0.1	0.9	0.6	0.1	0.9	0.1	0.1	0.4
22	0.3	0.2	0.7	0.0	0.1	1.1	0.4	0.3	0.6	0.1	0.2	0.5
23	0.3	0.2	0.6	0.0	0.4	0.9	0.1	0.8	0.8	1.0	0.1	0.2
24	0.3	0.2	0.1	0.5	0.6	0.3	0.0	0.9	1.2	1.0	0.1	0.1
25	0.3	0.1	0.8	0.4	0.4	0.2	0.0	0.0	0.6	0.5	0.1	0.0
26	0.8	0.1	1.5	0.4	0.4	1.0	0.2	0.3	0.6	0.6	0.3	0.6
27	0.7	0.1	1.8	0.6	0.5	0.5	0.2	0.3	0.8	0.4	0.1	1.6
28	0.4	0.2	0.9	0.6	0.5	0.2	0.2	1.2	0.3	0.2	0.2	0.9
29	0.2	0.4	1.0	0.6	1.2	0.6	0.4	0.2	0.3	0.2	0.1	0.8
30	0.1		0.8	0.9	0.8	0.3	0.3	0.4	1.5	0.1	0.4	0.9
31	0.4		0.6		0.7		0.4	1.1		0.6		0.4
Mean	0.62	0.54	0.83	0.64	0.47	0.44	0.35	0.50	0.52	0.54	0.31	0.60

Mean for the year: 0.53

TABLE 3--SELECTED DAYS, 1944

Month	Five quiet days					Five disturbed days					Ten quiet days									
Jan	3	4	6	7	30	11	13	14	15	16	3	4	6	7	8	21	22	25	29	30
Feb	3	18	24	25	27	7	8	9	14	15	1	3	6	18	19	23	24	25	26	27
Mar	1	3	15	17	24	7	10	19	26	27	1	2	3	15	16	17	20	21	23	24
Apr	13	14	19	22	23	2	4	5	6	16	13	14	17	18	19	20	21	22	23	25
May	13	16	18	20	21	1	2	4	6	29	10	13	14	16	17	18	19	20	21	22
Jun	3	7	8	10	12	15	21	22	23	26	1	2	3	6	7	8	10	12	24	25
Jul	24	25	26	27	28	9	15	19	20	21	4	8	11	12	23	24	25	26	27	28
Aug	20	21	25	26	29	2	3	18	28	31	7	13	14	17	20	21	22	25	26	29
Sep	9	15	16	17	19	2	21	24	27	30	4	5	6	9	13	15	16	17	19	28
Oct	5	8	9	19	21	1	11	14	15	24	5	7	8	9	19	20	21	22	29	30
Nov	13	15	24	25	27	4	5	6	10	20	1	12	13	14	15	17	21	24	25	27
Dec	7	10	11	24	25	13	16	17	18	27	4	6	7	8	10	11	12	23	24	25

Days proposed for reproduction of magnetograms: April 2; December 16 and 17.

TABLE 2—INTERNATIONAL DAILY MAGNETIC CHARACTER-FIGURES, C, 1945
(Dependent only on data of Table 1)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.7	0.1	0.1	1.6	0.5	0.0	1.4	0.3	0.2	0.4	0.0	0.0
2	0.4	0.8	0.3	0.7	0.5	0.0	0.6	1.0	0.3	0.2	0.1	0.2
3	0.6	0.2	0.5	0.1	0.5	0.1	0.3	0.2	0.1	0.0	0.1	0.0
4	0.7	0.1	0.1	0.5	0.2	0.1	1.0	0.2	1.0	0.0	0.4	0.0
5	0.2	0.9	1.2	0.9	0.1	0.2	0.8	0.6	0.3	0.7	0.5	0.4
6	0.2	0.7	1.0	1.1	0.2	1.2	1.2	0.4	0.2	0.2	0.0	0.8
7	0.2	0.3	0.4	0.8	0.1	0.8	0.6	0.4	0.2	0.7	0.1	0.4
8	0.1	0.8	1.1	0.8	0.1	1.0	0.6	0.3	0.4	0.6	0.9	0.7
9	0.8	0.8	0.4	0.0	0.8	0.7	0.2	0.1	0.2	0.2	1.6	0.6
10	1.2	0.4	0.2	0.1	0.8	0.7	0.2	0.1	0.1	0.0	0.4	0.0
11	0.0	0.5	1.4	1.5	1.1	0.5	0.1	0.3	0.8	0.0	1.0	0.0
12	0.3	0.2	1.7	1.3	0.6	0.2	0.1	0.2	0.7	1.5	0.9	0.1
13	0.4	0.0	0.3	0.6	0.4	0.2	0.1	0.8	0.5	0.5	0.6	1.3
14	0.1	0.4	0.6	0.9	0.5	0.1	0.1	1.0	0.0	0.6	0.3	1.8
15	1.7	1.2	1.7	0.6	0.0	0.1	0.0	0.6	0.0	0.4	0.5	0.5
16	0.6	1.1	1.1	0.2	0.2	0.1	0.6	0.5	0.3	1.0	0.9	0.2
17	0.9	0.8	0.5	0.1	0.3	0.4	1.0	0.2	1.6	0.6	0.4	0.8
18	0.3	0.2	0.5	0.1	0.7	0.2	0.4	0.0	1.6	0.2	0.0	0.1
19	0.5	0.1	0.1	0.6	0.4	0.1	0.3	0.0	0.7	0.7	0.1	1.1
20	0.4	0.1	1.1	0.6	0.4	0.3	0.0	0.0	0.4	0.5	0.0	1.2
21	0.3	0.0	0.5	0.1	0.4	0.1	0.1	0.4	0.4	0.2	0.2	0.7
22	0.0	0.4	0.0	0.5	0.1	0.1	0.1	1.0	0.1	0.5	0.1	0.0
23	0.0	0.5	0.0	0.6	0.3	0.1	0.9	0.7	0.0	0.1	0.2	0.9
24	0.0	0.3	0.6	0.8	0.4	0.0	0.5	0.1	0.0	1.8	0.0	1.0
25	0.0	0.7	0.6	0.2	0.6	0.2	0.1	0.1	0.5	1.5	0.1	1.4
26	0.6	1.2	1.6	0.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	1.1
27	0.2	1.0	1.1	0.1	0.4	0.6	0.1	0.4	0.5	1.0	0.1	1.2
28	1.1	0.5	1.7	0.0	0.2	0.3	0.7	1.5	0.2	1.3	0.1	1.0
29	1.6		0.7	0.3	0.4	0.0	0.5	0.4	0.3	0.5	0.6	0.5
30	0.7		0.1	0.7	0.8	0.8	0.7	0.1	0.8	0.3	0.1	0.2
31	0.1		0.1		0.4		0.3	0.2		0.1		0.3
Mean	0.48	0.51	0.69	0.55	0.41	0.31	0.44	0.39	0.42	0.53	0.34	0.60

Mean for the year: 0.47

TABLE 3--SELECTED DAYS, 1945

Month	Five quiet days					Five disturbed days					Ten quiet days									
Jan	11	23	24	25	31	10	15	17	28	29	5	8	11	12	14	22	23	24	25	31
Feb	1	13	19	20	21	5	15	16	26	27	1	3	4	7	12	13	18	19	20	21
Mar	4	22	23	30	31	11	12	15	26	28	1	2	4	9	10	19	22	23	30	31
Apr	9	17	26	27	28	1	6	11	12	14	3	9	10	16	17	18	21	26	27	28
May	5	7	8	15	22	2	11	12	25	30	4	5	6	7	8	15	17	22	26	28
Jun	1	2	3	22	29	6	7	8	10	30	1	2	3	4	15	21	22	24	26	29
Jul	10	15	20	22	27	1	4	6	17	30	10	11	13	14	15	20	21	22	25	27
Aug	10	18	19	20	24	2	13	14	23	28	9	10	18	19	20	24	25	26	30	31
Sep	10	14	15	23	24	4	12	17	18	30	1	3	7	10	14	15	22	23	24	28
Oct	3	4	10	11	26	12	16	24	25	28	3	4	6	9	10	11	21	23	26	31
Nov	1	2	6	24	26	9	11	12	16	29	1	2	6	7	18	19	20	24	26	30
Dec	1	3	4	11	22	14	20	25	26	27	1	2	3	4	10	11	12	16	18	22

Days proposed for reproduction of magnetograms: October 24; December 14.

TABLE 2—INTERNATIONAL DAILY MAGNETIC CHARACTER-FIGURES, C, 1946
(Dependent only on data of Table 1)

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.8	0.0	1.1	0.8	0.3	0.2	0.1	0.2	0.1	0.9	1.1	0.2
2	0.7	0.4	0.7	0.9	0.3	0.1	0.2	0.1	0.3	0.5	0.4	0.3
3	1.9	0.7	0.2	0.3	0.2	0.0	0.8	0.1	0.4	0.4	0.0	0.3
4	1.6	0.7	1.0	0.2	0.4	0.3	0.1	0.0	0.8	0.4	0.2	0.2
5	0.4	0.6	1.0	0.4	0.4	0.5	0.1	0.2	0.6	0.8	0.9	0.7
6	0.7	0.5	0.7	0.3	1.3	0.7	0.1	0.2	0.3	0.9	1.2	0.3
7	0.7	2.0	0.5	0.5	1.4	1.4	1.3	1.0	0.9	0.6	0.3	0.6
8	0.2	2.0	0.2	0.4	1.2	1.2	1.0	0.4	0.5	0.2	0.2	0.3
9	0.1	0.6	1.0	1.2	1.2	0.9	1.1	0.2	0.9	1.2	0.4	0.1
10	0.3	0.7	1.7	0.3	0.8	0.4	0.4	0.2	0.7	0.5	0.7	0.7
11	1.0	0.2	1.2	0.1	1.4	0.5	0.4	1.2	0.5	0.3	0.7	1.0
12	0.4	0.5	0.0	0.7	0.2	1.1	0.1	0.7	0.5	0.3	0.7	0.8
13	0.1	0.6	0.1	1.1	0.2	0.7	0.1	0.4	0.2	0.1	0.2	0.3
14	0.0	1.2	0.2	1.1	0.1	0.3	0.9	1.4	0.2	0.1	0.1	0.0
15	0.2	0.8	0.7	1.6	0.1	0.3	0.5	0.9	0.1	0.2	1.0	0.0
16	0.3	0.3	0.2	0.3	0.2	0.9	0.8	1.0	1.4	0.4	0.7	0.2
17	0.7	0.2	1.1	0.1	0.6	1.0	0.6	1.0	1.2	0.1	0.2	0.5
18	0.8	0.3	0.4	0.2	0.6	0.8	1.4	0.2	2.0	0.1	0.2	0.3
19	0.5	1.3	0.3	0.1	0.1	1.2	1.1	0.3	1.6	0.4	0.9	1.3
20	0.1	1.2	0.6	0.1	0.8	0.4	0.2	0.2	0.5	1.0	0.8	0.1
21	0.2	1.5	0.5	0.0	1.2	0.7	0.5	0.0	1.1	0.4	1.3	0.8
22	0.6	0.9	1.3	0.9	1.5	0.5	0.6	0.0	2.0	0.2	0.7	0.7
23	0.9	1.1	1.1	1.9	1.3	0.2	0.9	0.0	1.9	0.2	0.3	0.4
24	1.4	0.7	1.9	1.9	1.0	0.1	0.1	0.3	0.8	0.2	1.2	0.1
25	0.8	0.5	2.0	0.6	0.7	0.5	0.7	0.2	0.1	0.3	1.2	0.8
26	0.9	0.2	1.5	0.3	0.4	0.5	1.7	0.1	0.1	1.2	0.4	0.7
27	0.2	0.0	1.1	0.3	0.1	0.8	1.9	0.2	1.4	1.5	0.0	0.7
28	0.2	0.1	2.0	0.5	0.3	0.8	0.9	0.1	1.7	0.6	0.0	0.3
29	0.3		1.3	0.4	0.3	1.5	1.5	0.0	1.3	0.5	0.0	0.2
30	0.2		0.2	0.1	0.3	0.3	1.2	0.4	1.2	0.1	0.1	0.0
31	0.3		0.7		0.6		0.2	1.4		1.0		0.1
Mean	0.56	0.71	0.85	0.59	0.63	0.63	0.69	0.41	0.84	0.50	0.54	0.42

Mean for the year: 0.61

TABLE 3--SELECTED DAYS, 1946

Month	Five quiet days					Five disturbed days					Ten quiet days									
Jan	9	13	14	20	21	3	4	11	24	26	8	9	13	14	15	20	21	27	28	30
Feb	1	11	26	27	28	7	8	14	19	21	1	2	11	12	16	17	18	26	27	28
Mar	3	12	13	14	16	10	22	24	25	28	3	7	8	12	13	14	16	18	19	30
Apr	11	19	20	21	30	9	14	15	23	24	3	4	11	17	18	19	20	21	27	30
May	14	15	19	27	30	6	9	11	22	23	2	3	5	12	13	14	15	19	27	30
Jun	2	3	23	24	30	7	8	12	19	29	1	2	3	4	10	14	15	23	24	30
Jul	1	4	5	13	20	7	18	26	27	29	1	2	4	5	6	12	13	20	24	31
Aug	21	22	23	26	29	7	11	14	15	31	2	3	4	20	21	22	23	26	28	29
Sep	1	6	15	25	26	18	19	22	23	28	1	2	3	6	13	14	15	20	25	26
Oct	8	13	17	18	30	9	20	26	27	31	8	13	14	15	17	18	22	23	24	30
Nov	14	27	28	29	30	1	6	21	24	25	3	4	8	14	17	18	27	28	29	30
Dec	9	14	15	20	30	5	10	11	12	19	1	9	14	15	16	20	24	29	30	31

Days proposed for reproduction of magnetograms: February 7 and 8; March 25 and 28; July 26 and 27; September 22.

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1940

	1	2	3	4	5	6	7	8
Go								
So	2201 1244	5411 4215	2323 6764	4213 5575	3430 0134	3222 4455	4122 4345	2231 1223
Le	2111 2233	4322 2104	2322 3864	3112 3454	2311 1113	3322 3353	3111 3335	2321 2123
Do	3202 2234	4301 3005	2321 3974	3323 3645	2100 0003	2332 3463	1010 4345	2121 3223
Me	0121 1212	3444 3101	1356 7742	2335 4523	3510 0011	3334 4432	2223 5223	3420 1111
Si	1122 2222	2322 4111	1345 7943	2245 5632	2410 0121	2324 4432	2123 5322	2430 2211
Es	2222 2133	3322 2114	1432 4764	2113 3555	2410 1123	3323 3453	3122 4235	2321 3223
Sl	2112 2343	4313 4314	2323 5965	3213 5664	2421 1124	3323 3553	4222 5345	3322 2323
RS	3212 2233	4311 3205	1332 5865	2013 5654	2421 0013	3323 3453	3122 4335	3331 2224
Ag	2221 2222	2422 3222	2334 5742	2421 3433	1510 0222	4423 3332	4222 3324	3420 1212
Wi	2222 2233	4332 3214	2332 3655	2013 4545	2412 1233	3332 3463	3222 4345	2421 3333
Ab	3212 3243	4322 2214	2422 4754	3213 4555	2422 1123	3333 4453	3222 4345	3432 3333
Sr	1001 2212	2222 3112	1135 7963	3105 6633	3410 1013	2325 4452	3223 5234	4220 32$\ddot{2}$2
Ni	3202 2243	4211 3115	2322 5755	3113 4654	2421 0013	3323 3453	4222 4345	3331 1223
Ya								
CF	2101 1132	3111 1103	0222 3633	2113 3444	2411 0023	2333 3443	3012 3135	2310 2222
Ch	3212 1123	3422 1003	2334 6733	2322 4444	3520 0023	4323 2333	4222 3334	3420 1132
Za								
VD								
Zy								
SF	2222 2143	4331 2314	2232 2344	3112 3554	2324 1133	2322 3454	4122 5135	3322 1333
Tu	3212 2113	4333 3102	1334 5633	2322 3533	2512 1123	2333 4332	3232 3235	3402 2112
Du								
Ke								
SJ	2212 1223	2311 1112	1$\ddot{2}\ddot{3}\ddot{3}$3 5433	1102 243$\ddot{3}$	2$\ddot{4}\ddot{1}\ddot{1}$1 1$\ddot{1}$12	2212 2331	3211 3224	3210 0121
Ho	1112 2112	2123 1002	0233 5642	2223 3333	1410 0012	1322 2232	1111 3114	0200 0111
ZS	3122 2324	4233 4322	3343 5754	2323 5542	3321 1113	3433 4533	3323 4432	2430 3321
Hu	2112 2332	3211 3212	2222 6953	2214 4542	3311 2232	2113 4453	2222 3444	2211 2332
Ap	2212 2223	3233 2212	1343 5642	2113 3332	2410 0022	3233 3232	3122 3124	2220 1122
Ku	2112 2223	2212 4113	2133 4753	3312 5542	2421 0022	3232 3442	2223 4323	2211 2221
Pi	2223 0353	2324 0233	1333 5732	3213 3454	2411 1103	2223 3433	3221 3334	3210 2443
CT	1223 1231	2213 3212	2123 5743	2334 4333	2202 2121	1323 4342	2112 3424	1222 2121
Wa	2222 2233	3222 3212	2232 4743	2222 5443	3321 1122	2222 3432	2222 4223	2221 2222
Am	3222 2224	2442 2112	2143 6743	4323 3343	4421 0133	3323 3333	4242 3224	3320 1212

	9	10	11	12	13	14	15	16
Go								
So	3010 2362	3111 6766	4333 4376	4442 3556	3311 0030	$\ddot{0}$000 0024	4100 1102	2112 2344
Le	2011 2352	2111 6654	3233 2256	4332 3345	2222 2110	0000 0013	3201 1001	2222 2343
Do	3230 3462	4332 8765	2323 2256	0022 3445	0001 0020	2110 0012	3220 0001	2221 2443
Me	1013 3222	0313 7643	2466 4333	3563 5333	2223 1111	0013 1001	1121 1000	0054 3211
Si	2012 3332	1323 8643	2555 4343	3464 5333	1222 1210	0013 1110	1123 2111	0053 4221
Es	2012 2352	2112 4554	2333 2254	3343 3445	2222 2110	0001 1122	3311 1112	2122 3332
Sl	3112 3453	2222 6554	3333 3264	4333 4545	2322 1110	0011 2133	3212 2112	2222 3543
RS	2011 2462	2112 5554	2233 3355	3332 3445	2322 2110	0001 0122	4201 2001	1222 3443
Ag	1112 2232	2301 5432	2533 2343	3452 3323	1321 2110	0002 1111	3201 2011	2141 3222
Wi	2111 2464	2113 6554	3223 2365	4332 3445	2222 2110	0002 2022	4302 2112	2222 3453
Ab	1122 3453	2222 5555	2333 3265	3343 4445	2332 2121	1111 1123	4211 1213	2222 3343
Sr	2002 3342	1212 8653	3435 4463	3343 5434	2212 2101	0002 1211	2202 2201	2232 4331
Ni	2011 3462	2212 6554	2323 2464	3322 4445	2322 2120	0011 0122	4202 2112	2122 3443
Ya								
CF	2012 3342	1112 5454	1333 2454	2332 3334	2112 0010	0001 0123	3111 0102	2112 3322
Ch	1111 2232	2312 4433	2533 2143	3452 3333	2321 1000	0002 0011	3200 0002	2132 2322
Za								
VD								
Zy								
SF	3001 3454	3013 7565	1332 3464	3343 3435	2333 0010	0003 1034	4110 1003	2123 3332
Tu	2013 2342	2313 5522	2423 2242	3453 3333	2322 0100	0001 0001	2200 0012	1242 2331
Du								
Ke								
SJ	1000 2432	1213 6332	$\ddot{2}\ddot{3}\ddot{2}\ddot{2}$ $\ddot{2}$532	2432 4$\ddot{3}$33	1210 0100	0001 0111	2100 0012	2132 3222
Ho	2000 2231	1102 4432	3322 2344	2333 4222	0221 0000	0001 0011	1100 1002	2132 3112
ZS	2223 3433	2223 6542	4342 4454	3433 5424	2222 2222	3323 2223	3413 3323	4234 3332
Hu	2002 3445	2202 6663	2211 3564	2322 4544	2211 2212	1011 1222	2200 2213	2232 4433
Ap	1011 3342	2213 5542	3322 3354	3333 2232	1122 1122	2111 1112	1201 2123	4432 3212
Ku	1021 3342	1122 7552	3432 3354	2333 4423	2122 2210	1011 1121	2112 2112	2133 3332
Pi	2101 3353	1215 5433	4212 3574	2433 3444	0303 1022	1111 2132	2302 0322	3233 1233
CT	2212 3243	2124 6353	2244 3244	2333 3323	1121 0100	0023 2000	2103 2212	3133 4222
Wa	2111 3342	2222 6442	2222 3444	2333 4433	2222 2110	1012 1121	1111 2012	2223 3222
Am	3212 3232	2223 5533	4333 2343	2442 3334	3222 1211	1112 2111	2111 2222	2332 3222

$\ddot{}$ Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1940--concluded

	17	18	19	20	21	22	23	24
Go								
So	3321 6465	5223 6883	3222 2332	1220 2241	0010 0200	0011 0540	0021 1134	3311 1554
Le	3321 4344	3223 4763	2122 1211	1111 2230	0000 0100	0011 0331	0011 0133	3311 2343
Do	3111 3354	1103 4773	0022 1220	1100 2240	0010 0200	0000 0440	0001 2133	3301 2354
Me	2232 6432	1153 6552	3103 2112	0122 2211	0001 0001	0002 2222	0134 1011	0223 4333
Si	2231 5422	1143 6853	3113 3121	0122 3211	0001 1210	0003 2331	0033 2111	1123 2332
Es	3332 4343	2234 4752	2122 2321	1111 2331	1011 2210	0112 1331	0012 2132	3322 2343
Si	3232 4454	3223 5773	3112 2231	1112 3341	0011 2310	0112 2432	1012 3222	3123 2353
RS	3232 4343	3223 4772	2011 1221	1110 2241	0000 1210	0111 0441	0012 1133	3312 2353
Ag	3231 4433	2232 4432	2001 2212	0221 2221	0001 1111	0212 0221	0122 2121	2322 2232
Wi	3333 5444	3224 4773	2111 2232	1202 2342	1012 2222	1112 1442	1012 2134	3321 3354
Ab	4332 5343	2333 4762	3122 2221	2222 2241	1111 1210	1112 1331	1122 2233	3322 3343
Sr	2222 6343	2133 6873	3104 4122	2200 4331	0001 1200	0012 2430	0112 3131	2214 3432
Ni	3322 5344	2224 5663	2011 1221	1111 1241	0011 1210	0112 1431	0012 2232	3312 2353
Ya								
CF	3222 4333	2223 4652	2011 2221	1110 1230	0001 0100	0011 0330	0111 1132	3112 2242
Ch	3231 4433	3233 4452	3112 2222	0311 2232	1101 1000	0112 1221	0022 2121	2332 2242
Za								
VD								
Zy						.....		
SF	4333 4544	2345 5773	3123 2130	0101 1231	0002 3120	0112 1440	1023 2243	3232 0454
Tu	3331 4433	3333 4663	3122 3122	1221 1231	0101 0000	0112 1232	1133 2111	2323 2342
Du								
Ke								
SJ	2231 2323	2112 3652	3100 0111	0200 0231	0000 2100	0110 0131	1022 2211	1322 1141
Ho	2321 4224	3132 3454	3112 1121	0211 1133	0001 0100	0011 0231	1123 2111	0221 2221
ZS	1333 5533	2324 4543	4323 3232	3322 4332	2212 2211	3323 3433	3343 3222	3223 3443
Hu	2221 5643	2223 5654	3111 2444	1201 3443	0102 1324	0111 2542	2122 3333	1322 3653
Ap	3332 3345	4233 3544	4212 1222	4211 1121	3201 1220	1022 2232	3123 3112	3222 2331
Ku	2332 5432	2323 4643	4243 1221	1331 3331	0331 1210	0343 2342	2233 3223	2224 2342
Pi	3322 2524	3234 2644	4223 3422	1301 1224	1102 3333	0112 3423	2233 0342	1412 3243
CT	2143 5433	1024 5653	3011 3121	1332 2210	0023 1200	0222 1330	2132 2132	1223 3332
Wa	2242 4422	2323 4652	4222 2222	2221 3322	0011 2200	0122 2442	2122 3221	2222 2332
Am	2432 5332	2333 3653	4232 2232	2220 2223	2211 1121	2222 1332	2223 3123	2323 2332

	25	26	27	28	29	30	31
Go							
So	4422 5413	0000 0013	1010 1101	1000 0001	0000 4655	5322 2545	4232 4576
Le	3321 3223	0001 0112	1011 1102	1010 0001	1110 2553	4322 3333	2222 3464
Do	3210 2303	0000 0003	0020 1101	1000 0002	0000 0532	3322 2333	3222 3455
Me	2343 4210	0000 0000	0230 0000	0000 0000	0012 3321	3344 3222	2443 6443
Si	2342 5311	0000 0011	1340 0010	0000 0110	0013 3321	2235 4332	2244 5433
Es	3332 3313	0001 1122	1122 2112	2010 1111	2111 2343	3323 3332	3333 4454
Si	3221 4413	0001 1022	2122 2212	1011 1012	1102 3533	3323 3534	3333 5554
RS	3331 3303	0000 0112	1121 1111	1010 0012	0100 2433	3322 2433	2333 4454
Ag	3331 4321	0000 0211	1330 1110	0110 0112	0112 3331	3234 3332	2242 5445
Wi	3332 4313	0001 1122	0110 1002	1000 0012	2101 3543	4423 2433	2333 4555
Ab	3332 4313	1111 1222	2221 1212	2111 1111	2111 2443	3323 3433	3333 4454
Sr	2233 4312	1000 0012	1121 1100	1000 0111	1002 3443	2324 3433	3333 5455
Ni	3321 4313	0001 1022	1121 1212	2100 0012	1100 2443	3322 2433	3322 4554
Ya							
CF	3220 4211	0001 0112	1022 2111	1000 0011	1101 1343	2233 3332	2333 4444
Ch	3331 4211	0000 0012	1330 1111	1100 0011	1101 2222	3234 3233	2242 5344
Za							
VD							
Zy							
SF	4322 5323	1112 1322	1233 3311	1021 0222	1203 0453	3243 4443	2443 4655
Tu	3332 3222	0000 0022	2331 1111	2100 0121	1011 2422	3334 3433	3453 3445
Du							
Ke							
SJ	2210 2111	0000 1121	2121 1211	1000 1120	1000 0222	3322 2333	2242 2434
Ho	1231 3111	0000 0022	1021 1011	1000 0011	1000 2112	3233 2133	2432 3145
ZS	1243 4423	2231 1131	3233 3221	3222 0223	2333 3343	5355 5433	3333 5534
Hu	2220 4452	0000 1233	2221 2322	2010 1220	2011 3453	2333 3543	3234 4543
Ap	3432 3223	1110 0032	1331 2132	3211 0122	3212 2333	4343 4344	3332 3345
Ku	3311 4412	0121 1122	1121 2222	2120 0121	1100 3332	3434 4433	3333 5433
Pi	2222 1333	0101 2332	2322 1213	2102 2313	2102 1223	3422 3443	3333 2524
CT	1243 4200	0013 1122	0220 1110	1023 3000	1002 2442	3233 3433	3234 5443
Wa	2221 4302	1000 0012	2111 1112	2110 0121	0012 2322	2244 4434	3443 4542
Am	3431 4121	3110 1022	4421 1212	3220 0123	3222 2324	3444 3233	4433 4444

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1940

	1		2		3		4		5		6		7		8	
Go																
So	6444	4675	5322	2343	4112	4546	1011	1433	3102	3336	4112	2575	6211	3333	4111	1255
Le	4333	3585	5232	3343	3112	3434	1011	1433	2111	3324	3122	2244	4212	2222	3212	1133
Do	3233	4585	5102	3436	3102	3436	2001	0543	2101	3224	3012	3254	4211	3222	2112	0243
Me	4376	5443	3353	3221	1033	3311	0100	1211	1123	3301	1122	2223	3112	4311	2234	1112
Si	3356	5443	3353	3321	1024	4321	0000	1311	1013	4411	1022	2122	3122	5232	2134	1211
Es	4333	4554	3233	3343	3122	3435	1111	1233	3112	3324	3222	3243	4222	2222	2222	2233
Sl	4433	4554	4232	3443	3112	4535	2111	1444	3223	4435	4122	3244	4322	4233	3222	1244
RS	4433	4554	4232	2343	3112	3535	1010	0544	3102	3334	3123	3253	4212	3222	3222	1143
Ag	4454	5335	4343	2222	4032	2332	0100	1311	2012	2103	2132	2123	2100	2222	2221	1132
Wi	5334	4654	3223	3352	2113	3535	1112	1433	2112	4324	4123	3354	4212	3232	2222	2243
Ab	4333	5655	3233	3443	3222	3545	1111	1433	3122	4434	4222	3354	4222	3232	3222	2243
Sr	5354	5544	3243	4342	2123	4532	1000	1432	1114	3221	2023	3343	3212	3223	2124	1333
Ni	4433	4555	3232	2443	3212	4535	1111	1543	2112	3334	4112	3254	4322	4222	3222	2243
Ya																
CF	3233	4543	3132	2332	2132	3424	1010	0223	3112	3324	3102	2223	3112	2212	2122	1233
Ch	4454	4345	4343	3333	4133	4453	0111	1322	2112	2223	2223	3233	4231	2223	3222	1133
Za																
VD																
Zy																
SF	5345	4545	4233	3422	3113	4425	2122	2324	3112	4445	4223	3343	5112	2223	3211	2343
Tu	5444	5544	3343	3333	2123	3423	0100	1422	2112	2112	2224	3233	4221	3233	3222	1143
Du																
Ke																
SJ	1322	2344	2212	1221	2012	3332	0000	1211	1011	1211	1112	3132	3110	2221	2111	0122
Ho	4243	3334	2232	3112	2013	2212	0100	0211	1002	2101	2124	3132	4211	3011	2012	0121
ZS	4244	5443	2334	4332	2233	4523	2211	2433	1323	4322	2234	4433	4322	4323	3322	2433
Hu	4323	4543	2122	3421	2111	4542	0101	2322	1011	3222	2212	5334	3211	3332	2121	3332
Ap	4343	3333	3232	2122	2213	3212	1100	1321	2002	3133	1124	3242	3121	3111	2123	1222
Ku	3344	5432	2233	3331	1123	4522	1111	2421	1112	3221	1114	4332	2312	4222	2212	2233
Pi	4312	3435	3232	2411	2113	3323	0201	3232	1103	2332	1314	3453	3210	2043	2202	3242
CT	3223	3433	2034	4312	2221	3433	0021	1232	2112	3322	2104	3133	4102	2112	3212	2322
Wa	3333	5543	3232	3332	2223	3422	1211	1421	1113	3322	1123	3243	4312	4222	3233	1333
Am	4444	4433	3342	3232	3232	3322	2211	1322	2213	3312	1223	3133	4222	4222	3323	1231

	9		10		11		12		13		14		15		16	
Go																
So	6320	1104	4110	0144	1012	1166	5322	3533	4011	2054	3111	2012	1111	3112	2111	2243
Le	3322	1103	3211	1133	1012	2134	4322	3422	3111	2144	3112	1002	2112	2112	2112	1232
Do	3321	1003	2100	0234	0002	1145	3322	3621	3010	2153	2002	1002	2102	3112	1002	1133
Me	4331	1101	0000	0112	1103	2123	2323	5421	1122	3111	1104	2001	1024	4010	0213	0111
Si	2321	1111	1001	0111	1003	2122	3213	4521	1022	3222	1104	3100	1043	3120	1113	1221
Es	3321	1203	2211	1233	2122	2243	3322	3322	3221	3132	2112	2111	3122	2222	1112	2333
Sl	3312	1103	2111	0233	2123	2254	4322	3512	3222	3144	3123	2122	2122	3222	1123	2333
RS	2322	1103	2101	0133	1012	1143	3422	3411	3111	2043	2112	1011	3112	3112	1122	2233
Ag	3310	0001	1000	1122	1001	1123	3331	2332	1210	2221	0001	0001	2012	2020	0201	1221
Wi	3311	2213	2211	2234	1123	3244	4322	4421	3222	3143	2213	2002	2013	3112	0112	2333
Ab	3322	2213	2211	1233	2112	3243	3322	4422	3222	3243	2212	2112	2123	3222	2212	1333
Sr	3221	2200	1100	0233	1013	2233	3224	4622	1021	3133	3123	3101	1023	4210	1013	1321
Ni	3312	1103	2101	0233	1112	1143	3422	3422	3111	2143	2112	2111	2112	3122	1122	2333
Ya																
CF	2311	0202	1100	0222	2102	2132	2221	3421	3202	2022	2102	2101	1012	2211	0102	2323
Ch	3422	1202	2110	1233	2013	2123	3432	3432	2221	3123	1202	1111	3133	2121	1312	1321
Za																
VD																
Zy																
SF	2311	0303	3011	1233	3121	3233	3213	4521	3222	3231	3113	1202	3123	3221	1222	1423
Tu	3421	1202	1110	0113	2113	1133	3332	3323	2132	3112	2113	0100	2133	2221	2212	1212
Du																
Ke																
SJ	2301	0101	1000	0223	1012	0122	1321	2322	1110	1122	2111	0100	2101	1121	1211	1211
Ho	3210	0001	0000	0022	1012	2013	0113	3322	1012	3022	1112	0000	0013	2110	1112	0111
ZS	2232	1211	3322	1333	4234	3133	3322	5533	3222	3232	3234	2102	1233	3322	2233	2312
Hu	2320	2432	2110	2443	2112	3323	3321	4643	2121	3232	1213	2321	2112	3331	2112	3431
Ap	2221	0112	1001	0223	1122	2023	2223	3323	2011	3033	2212	2012	0123	3022	2212	0212
Ku	2211	1202	1100	1322	2212	3233	2311	5522	2122	3132	1223	3102	0212	3111	2211	1222
Pi	2432	3122	2211	2233	3223	2354	4324	1423	2223	2242	2203	2223	3203	1010	2202	0302
CT	2101	0001	1102	1222	1113	2033	1102	3432	2132	2222	1112	0100	1123	3310	0132	2222
Wa	3221	1201	2111	1323	2123	2134	2332	4422	3133	3132	2223	3101	1222	3211	2222	1322
Am	2222	1201	2221	1122	3223	2123	2423	3422	3122	3111	3223	3013	2223	3111	2223	1212

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1940--concluded

	17	18	19	20	21	22	23	24
Go								
So	1001 0200	0000 0010	0000 0013	6521 2454	4323 5533	4322 3335	4121 2156	5222 2425
Le	0112 1200	0001 1010	0000 0012	5421 2333	4322 3322	3232 2223	2211 2133	4222 2223
Do	0001 1200	0000 0000	0000 0001	4411 2233	4322 3313	4321 2333	2221 2233	4101 2334
Me	0013 3110	0010 0000	0001 0001	5441 2322	2345 5311	1353 3211	2322 1022	4332 2203
Si	0133 2110	0010 0010	0002 1010	4341 3231	2335 4310	2344 2111	0332 1022	3344 3213
Es	1122 2311	0011 1111	1001 1112	3332 3332	4322 3412	3232 2223	2221 2133	4222 2334
Si	1112 2310	0101 0011	1001 0122	4422 2343	3323 4422	3322 1323	3212 1144	3213 1334
RS	0002 0200	0000 0010	0001 0101	4432 2333	3322 3322	3331 2323	2212 1133	4222 2234
Ag	0122 2110	0110 0210	0000 1212	4431 3332	5313 3222	2452 3212	3321 2325	5332 2214
Wi	0012 1211	0000 0010	0001 0001	4332 2333	4323 3422	4332 2223	3321 2234	4332 3334
Ab	1122 2321	1111 1122	1111 1212	4332 3333	4332 3522	4332 2333	2221 2133	4232 2334
Sr	0013 3201	0000 0010	0000 0112	3331 3222	3224 4321	2133 2332	1112 2133	3124 2313
Ni	1112 2211	0100 0110	1001 0112	4422 2343	3312 3422	3232 2333	2112 1134	4212 3234
Ya								
CF	0112 2200	0011 0010	0001 1101	3331 2232	2203 3421	2132 0223	1110 1022	3211 2222
Ch	0122 1211	0110 0120	0000 0112	4432 2243	4323 3322	3442 2211	3321 1134	4232 1213
Za								
VD								
Zy								
SF	0132 1320	0003 1321	1033 1313	4442 2333	3232 2531	2242 1334	2233 1133	3212 2335
Tu	1232 2101	0001 0000	0001 0113	5432 2232	3324 3311	3242 2102	2331 1022	3233 3204
Du								
Ke								
SJ	1000 1111	0000 0000	0000 0112	5321 1231	3311 0311	3031 0011	2110 0023	3101 1113
Ho	0002 1001	0100 0010	1000 0012	4232 2111	1223 3201	2132 1111	1121 0012	1113 2103
ZS	2333 2311	2320 1113	3322 1223	5342 4332	3224 5322	2233 3332	2222 2234	3323 2213
Hu	1111 2341	0110 1220	0000 1322	4332 4542	2323 3421	2031 3331	2221 3222	3101 3433
Ap	1002 2122	1110 1111	0102 0212	5242 2221	2333 3211	2132 2122	2122 1022	2123 2113
Ku	1102 2311	1211 1121	1122 1112	4333 2332	2323 4321	1233 2331	1111 2113	3112 2213
Pi	1212 1311	0102 0023	0100 2303	5432 2333	2323 1431	3231 1232	3221 2124	3132 2334
CT	0121 0011	0110 1100	0021 2201	3333 3123	2113 2331	1122 2022	0011 1223	1212 3113
Wa	1122 2312	0110 1111	2111 1122	5332 2232	3334 5322	2232 2232	2221 1123	3113 2323
Am	2212 1101	1210 0120	1212 0111	5332 3232	4423 4322	2332 2122	1322 2133	3233 2213

	25	26	27	28	29
Go					
So	5445 6752	1210 3352	1322 1010	1112 1124	1122 3533
Le	3443 5551	1011 2243	2321 2111	1111 1113	2223 2422
Do	3433 6561	0210 2243	1320 2110	1111 1204	2232 3521
Me	4577 6532	1200 1231	0301 1100	0102 1001	0222 3320
Si	3456 6542	1000 0231	0301 2011	0103 1111	1022 4320
Es	4344 4442	2121 2243	2322 2111	1212 2123	2222 3332
Si	3434 5442	1221 2343	2321 2111	2212 2123	2222 3532
RS	4343 5442	1011 1243	2321 2000	1211 1124	1232 3532
Ag	4526 4533	1000 2221	2400 2010	0112 1111	0330 3322
Wi	5544 4552	1012 2353	2223 2011	1113 2224	1223 3432
Ab	4343 5553	2121 2243	3321 2111	1112 2123	2223 3433
Sr	4445 6642	1121 1332	1211 3001	0112 1312	1122 3312
Ni	4433 4453	2121 2343	2321 2111	1211 2124	2222 2532
Ya					
CF	2333 4443	2110 1231	2221 2101	0112 2022	1222 2332
Ch	4435 5343	2210 2232	2411 1111	1212 1122	2222 3322
Za					
VD					
Zy					
SF	3544 5563	3133 1242	3432 3102	1220 1233	2243 3423
Tu	3445 5443	2221 2133	2322 1001	1112 1112	1231 3321
Du					
Ke					
SJ	4233 3423	2111 2121	0200 1101	1201 1121	1221 1211
Ho	3243 5443	2121 1121	0310 1001	1112 1011	1231 3312
ZS	4555 5553	3322 2333	3322 2112	3233 2313	3234 4422
Hu	4333 5663	2122 3332	1201 2321	1201 2321	2222 4422
Ap	3343 5332	2121 2121	2310 2101	1112 1112	2222 2322
Ku	3354 5553	3221 2331	1211 2111	1212 1222	2232 4422
Pi	4444 3523	3313 3122	0212 2102	1202 2233	2221 3333
CT	3334 5453	2131 3220	1322 3100	0102 2021	1223 4322
Wa	3354 5452	2231 2331	1111 2111	1122 1212	2232 3321
Am	2344 4443	4322 2232	2200 2011	2222 1122	3333 2211

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1940

	1	2	3	4	5	6	7	8
Go								
So	1002 1220	0001 1111	0120 1223	0000 1012	1011 0000	0000 0101	0101 1010	1101 0156
Le	0222 2110	1111 1112	1221 1223	0001 2013	2111 1000	0001 0111	1100 1111	2221 1144
Do	0222 2210	1100 0102	0021 0223	0000 2112	1021 0000	0000 0101	1000 1002	2200 0045
Me	1332 2000	0201 1000	0213 0102	0000 2000	0102 1000	0000 0001	0001 2001	1222 1013
Si	1220 2100	0101 1110	0213 0121	0011 2001	0102 1000	0000 0011	1101 2011	1222 1123
Es	1222 2210	2111 1222	2221 2213	1111 2113	2121 2001	0001 1222	2211 2112	2222 2144
Si	1223 2220	1002 2212	1112 2223	0011 2013	2112 2000	0011 1112	1212 2111	2221 1244
RS	0232 2220	1111 1112	1221 0223	0000 2013	1022 0000	0000 1111	1100 1101	2221 1144
Ag	0321 1110	1211 0211	2212 1112	0200 1212	1302 2000	0010 1121	1200 2111	3231 1035
Wi	1332 2220	2112 2212	2122 2223	1011 1113	2211 1100	0001 1111	1101 1111	3321 1145
Ab	1322 2211	2111 1122	2221 2223	0110 2113	1221 1111	1111 0222	2211 2222	2221 2144
Sr	1223 3200	0110 1201	0112 1313	0110 3002	1002 2000	0100 0110	1200 2001	2212 3123
Ni	1212 1210	2111 1212	2221 1223	0000 1113	1121 0101	0000 0111	1201 1111	2211 1144
Ya								
CF	0231 1100	1001 2110	1122 0202	0100 0003	1111 0000	0011 1122	1112 1111	2211 0133
Ch	2332 1111	1221 0122	2211 1123	0100 2113	1201 0010	0010 0122	1201 1022	3231 0034
Za								
VD								
Zy								
SF	1342 3111	1212 2010	2232 2322	1112 2113	2213 3000	0010 2023	2322 1111	3323 1153
Tu	1331 0010	0211 1022	0213 0113	1011 0113	0202 0000	0010 0121	2201 1122	3232 2034
Du								
Ke								
SJ	1331 1110	0111 0111	1211 0113	0100 0011	0201 0010	0010 0221	1201 1112	1121 0245
Ho	1222 1000	0111 0021	0112 0003	1100 2012	0002 0000	0000 0122	2101 2122	2111 1033
ZS	3423 3211	2212 2221	1322 1222	2122 2002	1332 1000	1212 1233	2311 2223	2232 2224
Hu	1221 2310	0102 3321	2211 2322	1111 3322	1110 2211	0011 2322	2201 3332	2121 1334
Ap	1212 2011	1112 2221	0112 0212	2121 2012	1102 1010	0011 1233	3211 2122	2121 2034
Ku	1213 2200	0111 1211	1211 1212	0111 3111	0111 1000	0011 1231	2301 2121	2221 2123
Pi	0331 2221	0001 3121	1001 4133	0001 4243	0200 4340	0120 3233	2201 4233	2313 4045
CT	0033 3000	0211 0110	0201 1222	0011 2102	2001 1000	0101 0122	2211 1001	2211 1033
Wa	2322 2210	1121 1211	1111 1212	1111 2101	1111 1000	0011 0111	2211 1112	3111 2123
Am	1222 2112	2212 1111	2222 1121	1111 2012	2112 2011	1210 0112	2211 2012	2322 2033

	9	10	11	12	13	14	15	16
Go								
So	6643 2232	1000 1021	0000 0010	0000 1467	4311 2204	2012 1352	0000 0000	0001 2244
Le	5631 2223	2121 1122	1010 1110	0001 1466	4312 2213	2122 1232	0001 0000	0011 1133
Do	6511 2223	0000 0022	0000 0210	0000 0478	4211 2203	0212 2231	0000 0000	0000 2033
Me	5655 3111	1223 2100	1000 1100	0000 1224	3244 2102	0566 0111	0000 0000	1031 1010
Si	5545 2221	1133 1110	1000 1010	0001 1324	2134 3210	0454 1111	0000 0000	0031 1021
Es	4532 2232	2221 2122	1111 1211	0011 2355	3222 2213	2222 2332	0001 1101	1111 2132
Si	5522 3232	2212 2122	1101 1111	0101 2456	3222 1303	2312 1333	1101 1000	0121 2133
RS	4532 1223	1121 1112	0010 1110	0001 1445	3212 1203	1112 1232	0000 0000	0001 2033
Ag	6743 2222	2122 0110	1000 1110	0010 1224	4232 2212	2344 1112	0000 0000	0131 0021
Wi	5431 2333	3333 3222	1110 1010	0001 1455	3332 1313	2232 1232	0001 1100	0012 1243
Ab	4521 2332	2222 2222	2111 1221	1111 1455	3322 2313	2232 2233	1102 3101	1111 3233
Sr	3435 2311	1022 3011	0100 1120	0001 3443	2224 1201	2234 2321	0001 0000	1121 2343
Ni	4511 1222	2101 1122	1001 0110	0001 1445	3211 1303	1212 1232	1001 1000	0001 2133
Ya								
CF	3422 2222	1121 1121	0000 0010	0010 1335	2222 1302	1121 1232	0001 1000	0012 2032
Ch	6633 1121	1111 0121	1001 0011	0000 1134	4232 2113	2344 1122	0001 0000	1121 1021
Za								
VD								
Zy								
SF	4512 1233	1132 1112	1221 1120	0023 0546	4321 3303	2233 0333	0111 2101	1012 1243
Tu	5534 1222	1112 0012	1000 0011	0001 1332	3232 1202	2344 0122	0001 0110	1131 0021
Du								
Ke								
SJ	5312 0120	1100 0221	1000 0110	0001 0344	3211 0202	1112 0121	1000 0000	1021 1021
Ho	3323 0110	0011 1111	1000 0011	0001 0332	3233 0011	1242 0021	0001 0000	1020 1011
ZS	4323 2322	0223 2121	2211 2221	1212 3533	4433 2312	2343 2322	3402 1103	2422 1333
Hu	4322 2332	1021 0221	1001 1321	1002 3423	2122 3312	2222 2231	1101 2100	1122 3231
Ap	3434 2222	1212 1122	2110 0111	1111 2353	3333 1203	2242 1121	2102 2111	1022 2222
Ku	4412 1211	2111 2121	2100 1110	2012 3533	3223 1311	1112 1321	1101 1001	1111 1233
Pi	5313 2012	1021 3342	2000 3211	0002 3555	3121 4024	3202 4232	0002 3032	1221 2242
CT	3132 1100	0102 2211	0122 0000	0002 1535	3222 2201	0023 0111	1003 1000	0100 1332
Wa	4323 2222	1111 2121	2100 1110	1011 1444	2222 1201	1112 1211	1001 0001	2111 1132
Am	3534 2222	2112 1121	1200 1210	1211 1243	3323 1112	2333 1121	1111 1001	2121 1122

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1940--concluded

	17	18	19	20	21	22	23	24
Go								
So	0001 0000	0000 0000	0103 4576	6535 5365	6211 2253	3101 1155	1034 4577	6344 6878
Le	1001 0000	0000 1000	2222 3565	4433 4244	4321 2233	3312 1243	0244 4459	7543 7999
Do	2000 0000	0000 0000	1112 2675	5423 3354	4311 2243	3101 1144	0034 4359	9543 7888
Me	1011 0000	0000 0000	0244 3333	4555 4333	2212 3311	2120 0022	1356 4336	5776 8986
Si	0011 0000	0000 0000	0244 2442	3356 4332	2212 2311	2120 0121	1347 3436	4765 9986
Es	2112 1110	0011 1011	2233 3443	4334 4344	3221 2223	3212 2244	1235 4447	6433 7999
Sl	1112 1000	0101 1000	1223 3554	4424 4455	4321 2233	3212 3244	1244 4358	6444 6999
RS	0000 0000	0000 0000	1121 3453	4333 3445	3311 2233	3211 1144	0145 4456	5443 6999
Ag	1000 0000	0100 0000	2244 2444	5534 3333	3311 2222	4221 1123	0456 4447	6754 7896
Wi	2101 0000	0000 0000	1222 3444	4444 3254	3322 2232	2322 2143	2234 3456	6444 6998
Ab	2121 1101	0011 1111	2222 3443	4323 4345	4332 2233	3322 2244	1145 3456	6333 6999
Sr	1011 0000	0000 0000	1225 3434	3344 4443	3321 3322	2121 1033	2245 3346	5557 7998
Ni	1111 0000	0000 0100	2212 2443	4423 4344	4311 1232	3211 1144	0144 3456	5323 6998
Ya								
CF	0111 0000	0010 0010	1222 2332	3423 4334	4211 2212	2212 1133	0144 3335	5323 6686
Ch	1010 0000	0100 0011	2332 2444	4423 3333	4321 1222	4221 1133	1455 3346	5644 7987
Za								
VD								
Zy								
SF	1132 3201	0033 3201	2324 3452	4324 4445	5312 1313	4333 1043	0254 2446	5333 4897
Tu	2001 0100	0000 0010	0323 2434	3533 4344	3321 1311	3321 0233	2365 4446	5644 7876
Du								
Ke								
SJ	0000 0000	0000 0010	2322 2343	4323 2333	3200 0112	2201 0042	0244 2346	5432 6976
Ho	0001 0001	0000 0010	0134 2133	3433 3233	2321 0112	2211 0022	0155 2235	2434 6876
ZS	3432 2003	2322 0112	3335 5433	3435 4334	2522 2224	3422 1234	3466 3326	4345 7876
Hu	0001 1200	0101 1120	1322 3554	4333 4543	2100 3331	2221 2232	1244 4545	4433 6986
Ap	1122 2100	0000 0012	2334 3333	3433 3233	3421 1211	2221 1133	3255 2335	3434 6875
Ku	1112 1001	0100 0011	1224 5432	3434 3342	2511 2222	2112 1132	1355 3335	3334 6967
Pi	2001 4331	0202 1010	1314 2534	5434 2443	3220 0333	3221 3353	1355 3446	5433 6976
CT	0001 0000	0000 0100	1234 5541	4233 3334	4132 3221	2233 2232	1235 3335	4323 5987
Wa	1011 1000	1100 0010	1233 3433	3333 3333	2411 2221	2111 1132	1145 3345	3344 7987
Am	1011 0000	1110 0001	2234 2433	4443 4233	3421 2312	3111 0122	2255 3345	5544 6977

	25	26	27	28	29	30	31
Go							
So	6777 6487	7533 2354	7534 3455	6332 4364	4124 5858	9977 6788	8356 7777
Le	9988 5359	7642 2363	6534 3334	6332 3233	3224 5879	9977 6876	8437 8869
Do	8877 6478	8652 2363	7534 3435	6322 3343	3123 4967	8877 7788	9337 9869
Me	7787 7457	5743 2333	6534 3223	6434 4212	2116 6766	7787 6844	6777 7655
Si	8899 8576	7653 2442	4624 2323	4424 4222	2126 7997	8999 9955	7669 9855
Es	9988 6457	6433 3363	5434 3434	5333 3343	3224 4978	9977 6775	6348 7856
Sl	9989 7469	8632 2363	5544 3425	4333 3343	3224 5999	8978 8876	7449 8857
RS	9998 6369	7442 3363	5434 2435	4333 2333	2124 3989	9977 6776	7347 7756
Ag	9677 7478	8762 2352	5523 2343	5433 3233	2124 4878	8786 7655	7657 7755
Wi	8777 5567	6432 2372	4433 2335	4322 2343	3123 4878	7776 6775	5438 6755
Ab	9777 6467	6443 3463	5444 3434	4333 3343	2224 4868	7876 6775	6448 7755
Sr	9889 8577	6531 2363	4333 4333	3333 3323	2235 6998	7888 9865	6457 9966
Ni	9768 5367	6442 1362	5433 2435	3322 2233	3123 4767	7864 5675	6337 6655
Ya							
CF	7566 5366	5432 3352	4323 3324	3333 3233	3014 3667	6765 5564	5437 5654
Ch	9887 6368	7542 2352	5523 2444	6422 3134	2124 5787	9988 6654	7538 7755
Za							
VD							
Zy							
SF	7678 6366	4432 3443	5443 3414	5422 2243	4114 5757	7865 5565	5235 6555
Tu	8888 6255	6641 1352	5533 2333	5432 2223	2225 5877	7787 6544	6538 6755
Du							
Ke							
SJ	8766 5266	6421 1251	5433 1323	4321 1222	2112 4766	6765 4445	6228 6654
Ho	7676 6456	5441 1253	6433 2322	3333 3122	2224 4767	7686 6323	4536 5355
ZS	8768 6365	4433 3343	5443 3312	3333 4323	3334 6776	7665 7655	6457 6644
Hu	7766 5476	5422 2451	5433 3653	4322 3422	2124 5886	7765 6554	5327 7754
Ap	7677 6255	4411 1142	6433 2313	3333 3222	2124 4756	7676 6334	5547 5444
Ku	7766 6465	5331 1251	4343 2312	3232 4332	2224 5767	7776 7655	5347 6654
Pi	9766 5356	6532 2553	6133 3334	4410 2333	2112 4866	6776 5435	6227 6635
CT	8666 5366	6331 2352	4333 3214	3223 2232	3024 4767	5676 4565	5427 5455
Wa	8888 6366	5341 1362	5333 3313	4332 4221	2224 5788	8866 6654	5337 6643
Am	7977 7355	5532 1343	4333 2233	4333 3122	3225 5777	6867 6544	5547 5544

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TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1940

	1	2	3	4	5	6	7	8
Go								
So	7745 5435	2112 1287	8874 4564	3223 3445	2212 1344	4211 0012	0001 1010	0011 1200
Le	8745 3444	2122 1287	9964 5474	2222 3333	2211 0233	3221 0122	0011 1110	0011 1210
Do	8̈7̈6̈4̈ 4444	2211 2398	9974 5585	3223 2333	2221 1332	4222 1122	0001 1011	0011 0210
Me	6777 6433	2232 2365	7775 5442	2246 2222	2444 1211	1323 0021	0000 0011	0011 0100
Si	5687 6443	2222 2355	7786 4453	3256 3222	3433 2121	2432 0030	0000 0021	0012 0110
Es	6545 4544	2222 2366	7754 5554	3222 3333	2222 1233	3221 1121	1011 2121	0012 2311
Sl	7545 4444	2223 3266	7754 5563	3224 2443	2323 2333	4322 2122	1002 1121	0112 1221
RS	6545 4444	1111 2365	7663 4463	2223 3443	3211 1333	4321 1022	0000 1010	0101 1220
Ag	6666 4543	3332 2466	8775 4554	4244 2233	3532 1222	4411 1131	0000 1121	0000 1201
Wi	5445 3445	1112 2265	6663 4563	3123 3343	2211 1333	3221 1032	0000 1110	0011 1210
Ab	5554 4544	2222 3365	7754 4554	3223 3434	3223 1333	3233 2132	1011 2121	1122 1311
Sr	5566 4̈4̈4̈3̈	2123 2365	6875 4454	3444 3332	3324 2222	2222 1021	0001 1121	0112 2110
Ni	6544 3444	2201 1265	6643 4563	3222 2333	2211 1332	4211 1122	1001 1011	0011 0210
Ya								
CF	5444 3444	0101 2254	6544 4453	3133 2233	2212 1133	3221 2120	0011 1110	0102 1210
Ch	7656 3442	3222 1355	6874 4464	4243 1233	3432 1221	4322 1131	1002 2121	0101 1111
Za								
VD								
Zy								
SF	1122 3466	7654 1265	7554 5564	4234 2433	3323 3344	4334 0140	1012 2110	0121 1310
Tu	6665 5433	2231 2354	6665 4444	3144 1223	2421 1122	3331 1132	1001 1120	0012 0010
Du								
Ke								
SJ	5534 2331	3211 1254	6643 3443	3122 1232	2310 0121	2320 1130	1000 0120	0001 0000
Ho	4555 4433	1122 1353	7554 4353	3124 3222	3223 1111	2211 1132	0001 1122	0001 0100
ZS	4555 5442	2312 2355	7665 5563	3344 4433	3123 1213	3232 3132	2122 2132	1222 1221
Hu	4434 4542	2212 1464	6644 4553	3122 2322	3312 1221	2211 1240	1000 1221	0011 1310
Ap	4555 5333	2222 2353	7554 4353	3124 3233	2223 2122	2212 2132	2111 1121	1011 0̈1̈1̈0̈
Ku	3445 4442	1112 2344	6654 5563	3234 3431	2322 1121	1211 1132	1001 1121	1111 1211
Pi	5544 5432	3210 3365	6655 5543	3122 5433	3311 3332	2330 3032	0001 4231	0002 3231
CT	5434 3333	1032 0254	5652 5343	3233 3123	2222 2122	3211 2020	0011 2120	1213 2210
Wa	4545 4442	2211 2354	7554 4453	2133 2322	2211 1121	2322 1121	1000 0010	0011 0211
Am	5556 5342	2222 3354	6665 4343	3235 2222	2223 2122	2321 1021	2110 1021	2111 0011

	9	10	11	12	13	14	15	16
Go								
So	1000 1000	0000 0000	0000 2210	1111 1000	1112 4311	1222 2322	3102 6555	5522 2344
Le	1001 2100	1001 1000	0001 2210	0112 1100	2212 3311	1222 2312	2222 4434	3322 2333
Do	1000 0000	0000 0000	0000 3320	0111 1101	3012 4311	1222 2321	2102 5544	4432 2234
Me	0010 0100	0110 0001	0012 2110	0001 0001	1214 3212	1465 2211	1235 3413	2431 0111
Si	0001 0110	0010 0000	0023 2111	1011 1102	1114 3331	2353 2211	1234 4422	2432 22̈3̈3̈
Es	1112 2210	1012 2111	1112 3311	1112 2211	2223 3421	1332 2322	2222 4333	4322 2233
Sl	1102 2110	1001 2211	0102 3211	0122 2201	2223 4422	1233 3221	2213 4343	3333 3244
RS	1101 0000	1001 0000	0000 2310	0211 2100	2213 3411	1222 1222	2222 3343	3332 2244
Ag	1001 1111	0000 0211	0112 2212	0010 0111	2323 3322	2443 2322	2334 3433	3532 1233
Wi	1000 0100	0000 0000	0002 2300	0111 2100	2223 3311	1232 2223	3332 3342	4433 2243
Ab	2112 1111	1101 2112	1111 3311	1211 2211	2222 3422	2332 2322	2222 4433	4322 3233
Sr	2010 1101	1000 1001	0111 3212	1222 1101	2223 3211	1233 2312	3223 4333	3333 3333
Ni	2100 0100	1000 0001	0100 2311	1111 0101	3112 3411	1222 2221	2102 3343	3322 2234
Ya								
CF	0101 1000	0010 0001	0101 2301	0101 3101	2223 2311	0222 2221	2112 3333	3212 2223
Ch	2000 0011	0010 0001	0111 1222	1120 1102	2323 3322	2433 2222	1333 4423	3432 2133
Za								
VD								
Zy								
SF	1013 3101	1000 2011	1124 3232	0020 1101	3224 3422	2333 3322	1222 4434	4213 2334
Tu	1010 0000	0000 0001	0122 2312	1221 1122	3322 4311	2342 3211	2234 4433	3432 1233
Du								
Ke								
SJ	0000 0100	0000 0000	0102 3422	0120 0101	2322 1211	2332 1321	1222 3332	4421 0223
Ho	0001 0000	0000 00̈0̈1̈	0̈1̈1̈2̈ 2̈2̈1̈2̈	1111 0̈1̈0̈1̈	2̈2̈2̈2̈ 3̈2̈1̈1̈	1331 1111	1123 2321	2222 1021
ZS	2332 2011	2000 1011	1232 3322	2332 2110	2444 4422	2233 3222	2213 4432	2333 3233
Hu	1000 2101	0000 0101	0111 3421	1111 1210	1222 4521	1332 3321	1222 4531	3421 2333
Ap	0̈2̈1̈1̈ 2101	1111 1011	0121 2̈2̈1̈2̈	1121 1211	2223 2122	2333 3222	2133 3333	2322 2133
Ku	0110 1100	0100 0001	0212 3311	1221 2100	1233 3311	2131 2311	1213 4331	2312 2232
Pi	1002 2142	0002 3031	0031 2421	0111 3122	2312 2421	1342 1323	1323 2341	4521 3434
CT	0122 1000	0011 0001	0000 1211	1112 1001	2113 3311	1212 2211	0012 3433	3112 1102
Wa	1111 1111	0000 0001	0112 2211	2221 1101	1122 3211	1222 2211	1113 4332	2322 2121
Am	0110 1111	1110 0010	0112 2211	1221 1011	2222 2122	3233 2211	2234 4433	2332 1122

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TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1940--concluded

	17	18	19	20	21	22	23	24
Go								
So	1211 1131	2001 2000	1101 1220	0122 2222	3111 2134	3243 5412	2002 3036	6001 3201
Le	2320 2221	2010 1101	2121 1310	0231 2222	2222 1124	3332 3421	2211 2113	3011 3310
Do	3321 1121	1000 1000	3100 2310	0221 2223	3221 2133	3222 3420	3000 3014	3100 3200
Me	1111 1001	1331 0100	1210 1200	0222 2111	3222 1113	1574 4311	3000 3122	3002 3211
Si	4331 1121	1121 2001	1201 2200	0222 2221	2222 2212	2364 4321	3000 3121	2002 3312
Es	3322 2221	2121 1112	2221 2321	1232 3332	3223 2233	3432 3421	2121 3123	3112 3311
Sl	2133 2122	2122 2112	2222 2221	0233 3332	3332 2243	3333 3411	3222 3034	3113 3211
RS	2321 1111	1020 1001	2111 2310	0232 2222	3222 2223	3332 2411	3111 2023	4111 3210
Ag	4431 1321	1111 1012	2210 2331	1231 2333	4332 2223	2353 3332	3002 3233	3103 3222
Wi	2332 1111	2221 1102	3322 2220	0233 3332	4333 2234	3453 3421	2220 3334	4112 3211
Ab	3321 2221	2111 2112	2211 2311	1232 3333	4332 2233	3432 3422	3112 3223	3112 3311
Sr	2321 1110	2221 1001	1221 2211	1242 2232	3332 2123	2253 3311	2120 2022	3011 3111
Ni	3221 1121	1111 1002	1111 1321	0232 3332	3221 2223	3332 2421	3101 2023	3001 3211
Ya								
CF	1111 1110	2011 1001	1100 1200	0222 2322	3321 1233	2332 2311	2011 3113	1101 2200
Ch	4430 1111	1111 1112	3221 2222	1231 3133	4331 3223	2342 3321	3100 3123	3112 2122
Za								
VD								
Zy								
SF	3221 1201	3011 1222	3111 1311	1222 3433	4342 1134	3442 2212	4133 3334	4113 2221
Tu	2331 1111	1212 1112	2211 1211	1242 3122	4342 2113	1353 3211	3100 2122	2002 2211
Du								
Ke								
SJ	2220 0001	0101 1223	3220 1221	1232 3142	4333 1132	2232 1223	2101 2123	3001 1210
Ho	2111 0010	1111 1002	0020 2101	0132 2233	4331 1112	1241 3211	3100 2011	2002 2111
ZS	3432 1112	3322 1102	1131 2222	2343 3453	5444 2233	3433 4311	3332 3023	2223 3122
Hu	2220 2220	1100 2221	3220 2322	1232 3342	3332 3322	2231 3330	2101 3122	2001 3310
Ap	2322 0211	2311 1122	3221 2121	1232 2443	4332 2223	2142 3221	3211 2033	2222 2212
Ku	2232 1101	1211 1112	2121 2221	2343 3443	4441 2223	2133 3321	3112 3023	1011 3111
Pi	2230 1303	1100 3123	3220 0202	0232 4453	4330 3343	2341 2222	3002 3334	4212 0212
CT	1001 0000	1011 0101	1121 1000	0223 3232	3333 2233	1323 1122	2000 2013	0010 3200
Wa	2221 1111	1121 1001	1111 1120	1232 2331	3331 1123	1142 3321	2100 2022	2002 3211
Am	3222 0101	0211 2021	3220 2121	2231 2222	3332 2113	3342 3222	3210 2022	3211 3222

	25	26	27	28	29	30
Go						
So	4732 3477	6434 4465	5212 4333	3112 4335	5212 2211	0212 4335
Le	3942 2588	8643 3354	4221 3333	3111 3323	4321 2210	0222 3333
Do	3932 3597	8643 4364	4202 3332	2102 3312	5321 2220	0202 3332
Me	3662 1454	6556 6543	4333 2110	1105 4212	4435 3211	0025 2312
Si	5842 2444	7565 5532	3324 4310	2114 4312	4322 2211	1125 3232
Es	3732 3566	7433 3342	3221 2332	2121 2323	4322 3221	1223 3343
Sl	4732 3468	6344 5344	3222 2332	2132 3323	3332 3221	1223 3332
RS	4731 3567	6432 4344	4220 2322	2122 2212	3321 2210	0222 4333
Ag	4732 2477	8875 3454	4323 3223	4012 2324	4322 2221	1113 2333
Wi	4742 3556	5442 3344	5322 2322	2212 2222	3321 2110	0222 3333
Ab	4732 3567	6432 4443	4321 2332	3222 2312	4322 3321	1212 4343
Sr	4633 2476	4545 3343	3323 3211	3222 3223	3221 2111	1343 4332
Ni	4721 2457	6322 3344	4311 1222	2112 2312	3321 2211	0212 3342
Ya						
CF	4432 2456	5321 3333	1301 2321	2112 2212	3221 2210	0223 2232
Ch	4731 2455	7664 3244	2213 2222	4112 2213	4321 1221	1113 2233
Za						
VD						
Zy						
SF	5733 2556	7442 3334	2322 1222	3133 4313	4321 1321	2213 3353
Tu	4742 2434	5553 2122	2212 2111	2212 2312	4322 1121	1214 2333
Du						
Ke						
SJ	4722 1565	6333 3233	2211 1222	2111 1123	4311 0121	1102 4132
Ho	4721 1454	3232 2011	1111 2111	2113 2222	3321 1110	0113 2332
ZS	5723 3445	4333 3433	3333 4312	3133 3222	3432 2221	3234 3234
Hu	5632 3663	5423 4331	2211 2311	2212 2322	3321 2331	1113 3442
Ap	4743 2354	3333 2112	1113 3221	2213 3322	3321 1121	2233 3333
Ku	5622 2335	4223 3333	2212 3321	1113 3212	2221 2211	1213 3223
Pi	4743 1564	6423 1133	3221 0213	3111 0233	4312 0111	1102 1433
CT	4322 3566	3222 2232	2200 1102	2022 1002	3101 1210	1122 2322
Wa	4622 1345	4334 2232	2112 3311	1112 3211	1211 1111	1113 2322
Am	5632 1254	4454 3332	1222 3221	3313 3333	3221 1112	2224 3222

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TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1940

	1		2		3		4		5		6		7		8	
Go																
So	3112	2242	1110	2210	0101	2101	1011	1102	1112	1110	0000	1000	1122	1111	1201	2101
Le	2112	2332	2211	1220	2111	2111	2110	1112	2122	1122	0001	1000	1121	1221	2211	2111
Do	1001	3333	1100	1300	2021	2001	1000	1102	2012	2221	0000	0000	0121	1131	2200	2200
Me	2021	2221	1211	0100	1133	2101	2030	1101	0033	1111	0010	0010	1232	0112	1100	1011
Si	1021	2121	1321	1110	1142	2011	2130	0001	1133	1010	0010	0000	0222	1111	1200	2111
Es	2111	3232	2211	1311	2121	2211	2111	1112	2112	2221	1001	2101	1221	2221	2211	2211
Si	2222	3333	1211	2310	1122	2100	1222	2122	2223	2122	1101	1001	2323	2221	2211	2102
RS	2111	2232	0110	1210	1111	2001	2111	1111	2102	2122	0000	0000	1222	1211	1200	2001
Ag	2132	2232	3311	1321	2232	2222	3221	1212	1122	2131	1110	0200	0331	2222	3211	1222
Wi	2221	2232	2210	1200	2121	1101	2020	1103	3111	1111	0000	0100	1221	2210	2200	1111
Ab	2221	2332	1221	1221	2122	2111	2111	2113	2222	2222	1111	1100	1222	2222	2211	2211
Sr	2222	3122	1221	2101	1132	1102	1121	1101	1222	2021	1000	1001	1442	1112	1221	2002
Ni	2101	1232	1201	1210	1111	2101	2101	1112	2111	2222	0000	0000	1321	1111	2200	2111
Ya																
CF	2012	2221	0200	0110	1121	1101	1000	1002	2011	1120	0000	0100	0201	1111	2311	2100
Ch	2121	2232	2322	1110	2232	1112	2121	0112	1222	2131	1000	0000	1322	0122	3211	2122
Za																
VD																
Zy																
SF	2121	3232	1303	3321	2132	1301	1121	1312	3224	2122	2000	3100	1220	1211	2303	3112
Tu	2121	0221	2221	1110	2132	1112	1121	0112	1222	1122	0000	0101	1232	1122	1210	2112
Du																
Ke																
SJ	2110	0222	2310	0220	2222	0022	2122	0001	1212	0121	1001	0000	1222	0111	2211	1021
Ho	1221	0021	0000	0012	1011	0001	2111	0001	0122	0121	0000	0000	1222	0110	0101	1122
ZS	0322	2332	1232	1302	1233	3212	3222	1113	3223	2221	3122	1103	3432	2112	2322	2111
Hu	2220	2331	2310	1200	2122	3111	2120	0211	0111	2210	0000	0100	0221	2211	2210	2211
Ap	2232	2122	2120	1220	1222	1112	2321	1012	1212	1132	1121	0011	2343	2022	2211	2011
Ku	1122	2231	1100	1210	1121	1101	2211	1112	1213	2112	1001	1000	0321	0010	1212	2101
Pi	3220	1302	1312	0331	2120	0022	2022	0232	1103	1203	0011	2101	1221	0002	2221	2122
CT	2010	2131	1110	0100	0111	1101	0001	0002	2012	0001	0001	0000	0120	1001	1121	0001
Wa	1001	1332	1100	0200	1122	1000	2110	0011	1212	1011	0000	0000	0322	1010	0110	0000
Am	1022	2121	1221	1102	2121	1110	1121	0001	1212	1011	1100	0000	2332	1101	1210	1101

	9		10		11		12		13		14		15		16	
Go																
So	2203	4341	1114	3366	5423	3353	4323	3344	4112	3255	5213	2353	2312	4455	6000	0020
Le	3322	2321	1222	3344	3422	3232	3332	2334	3222	3343	3222	2322	1422	3333	4101	1220
Do	3303	3231	1113	4344	4332	2333	3323	3334	3302	3343	3223	3232	2322	2343	3100	0110
Me	1530	5211	1445	2323	4344	3212	3565	3213	3222	2122	3564	3221	2346	3313	4102	1210
Si	2431	5411	1235	2323	3442	3322	3452	3222	2221	1122	3543	3321	2334	2232	3102	1000
Es	2323	3321	1322	4344	3322	3332	2332	3234	3212	3333	2232	3322	1332	3333	3211	2311
Si	3313	4232	2323	4444	3333	3333	3333	3333	3323	3233	3333	3332	1322	3443	3221	2221
RS	3322	3221	1222	3344	3332	2243	2332	2334	3212	3343	3232	3222	0312	2443	3200	2121
Ag	2321	3322	1233	3333	5432	2223	3553	2323	2322	2343	3442	3232	3433	3334	3001	0212
Wi	2302	3322	1222	3344	3332	3242	2332	4334	3212	2343	4332	3322	1331	2344	4001	2222
Ab	3412	3422	2222	3344	3332	3342	3332	3334	3112	3343	2323	3333	2332	3443	3101	2122
Sr	1332	3211	2334	3323	2333	2132	2344	3332	2232	2133	3332	2321	2333	4433	3102	1021
Ni	3302	3322	1222	3344	3322	2242	2322	2233	2212	2233	2212	2222	1312	2343	3100	0021
Ya																
CF	2321	3334	2222	3334	2222	2232	2222	2323	2102	2422	2303	3211	1322	2332	2001	2201
Cn	2321	2212	1333	2333	4431	2132	3443	2334	2321	2133	3332	2332	3433	3334	3101	0212
Za																
VD																
Zy																
SF	3400	3311	2433	2435	4333	0343	2332	2223	2220	2433	3333	4423	2422	3433	3122	3312
Tu	2431	3202	1334	3323	3432	2122	2553	2223	2221	2222	2332	3221	3224	2333	3101	1012
Du																
Ke																
SJ	1421	3122	1333	1242	4321	2122	3331	0133	2311	1343	3222	2241	2313	1243	3100	2122
Ho	3431	2211	1123	2233	3331	1032	2332	1122	2221	1221	1233	1220	2233	1231	3000	0011
ZS	2432	4322	2333	2334	2323	4223	2243	3312	2332	2233	3233	3313	3332	4443	3221	1022
Hu	2331	4421	1323	4432	3322	3331	3332	3222	2211	3222	3112	3430	1312	3432	3101	2232
Ap	2432	2112	2323	1142	3442	3222	3433	2123	3222	1222	1223	2222	3433	3324	4201	1212
Ku	1111	4321	2312	2332	2232	4322	1333	3324	2222	2223	2233	3210	2311	3441	2100	0011
Pi	2433	3222	0323	3443	4332	0302	3332	1224	2311	0232	3312	1122	2322	0133	4212	2302
CT	1212	3210	0112	2224	3211	0231	1201	0013	1210	1121	1012	2111	0332	2011	1000	2001
Wa	1211	3211	1212	2333	2222	3232	2233	3322	1111	1122	2222	2321	1212	2332	2000	1010
Am	2420	2012	2323	1232	3332	4222	3343	2222	3222	2122	2333	2121	2333	3232	2001	1022

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1940--concluded

	17	18	19	20	21	22	23	24
Go								
So	2112 3253	5445 7432	5222 2236	2212 4410	1311 0023	6545 4321	2212 1365	2746 5576
Le	2222 2333	4444 4331	4222 1324	1221 3431	1421 1123	5554 3222	1222 2443	2756 5564
Do	2102 2343	5444 5432	4222 3324	2222 4420	1411 0021	5555 3321	2201 1154	2757 5564
Me	2322 1221	3365 6322	1233 2310	3311 4320	2401 1121	3776 4322	1221 1342	5677 6544
Si	2323 2121	3576 7222	3333 1111	3311 4320	2310 0121	3676 4332	1231 0342	2779 8543
Es	2223 2332	4453 4332	3122 2324	2222 3421	1311 2222	4553 3321	2222 2552	2647 5554
Sl	2234 2342	3455 6332	4133 2323	2222 4321	2422 1133	4444 4321	2313 1354	3657 6554
RS	2223 1343	4544 5322	4122 1213	2211 3410	2410 0123	4444 3321	2302 1552	3657 6454
Ag	2332 2333	5576 5333	3223 2233	2322 3331	1520 1232	5674 2333	1323 1354	3766 5455
Wi	1223 2343	3444 5322	3233 1323	1211 3320	2410 0132	4444 3321	2321 1553	3647 5444
Ab	2323 3443	4454 5332	4122 2324	2323 3421	2411 1233	4554 3331	2312 2653	3647 5454
Sr	1232 2232	2463 5232	3233 0123	1322 2311	1321 0022	4455 2221	2223 0442	2555 5444
Ni	2213 2342	4443 5322	4111 2213	2212 3420	1410 0122	4434 3321	2202 1253	3647 5454
Ya								
CF	2223 2331	2343 4322	3112 1223	2212 3310	1300 0122	3443 3331	1121 2543	2556 4444
Ch	2332 2233	3344 4333	3222 2233	2321 3332	1521 1233	5563 2233	2333 1553	3666 5454
Za								
VD								
Zy								
SF	4344 3242	4453 5433	5124 3224	2232 4420	1432 1333	5533 3431	2243 1654	3666 4465
Tu	2322 2221	3563 4322	3233 1223	3232 2312	1421 0123	4554 2221	2323 0443	3656 5443
Du								
Ke								
SJ	2212 0232	4453 3333	3123 2213	2211 3222	1311 1232	4453 1332	2222 1443	3555 4342
Ho	2211 1210	2443 2212	1222 0021	1211 2200	0410 0122	3444 2221	2202 0443	3655 4343
ZS	3332 3223	3564 5322	3233 2112	3333 3322	3422 1021	5445 3232	3333 2553	3665 6444
Hu	2211 2431	3343 5432	2121 1211	2211 3430	1321 2221	4332 3331	1211 1542	3535 5554
Ap	2212 2224	3543 4323	3422 1222	3331 2221	2411 0122	3444 3223	2312 2423	3655 5333
Ku	3312 2131	3455 6311	2122 0113	1321 3310	1410 0122	3345 2221	2122 1441	3655 5433
Pi	2222 1323	4453 3322	3123 1103	2212 1302	1313 1203	4342 3221	1213 2552	2535 5133
CT	2112 2231	3232 4321	3111 0004	0000 1210	0122 0002	3423 3210	0001 0342	1445 5354
Wa	1211 1131	2454 4311	1222 0112	1211 2310	0310 0012	3343 2221	1112 0332	2655 5443
Am	2212 2122	3564 5322	3232 0113	2211 3220	2310 0101	4555 2221	2111 0321	2545 5343

	25	26	27	28	29	30	31
Go							
So	6313 2454	3322 3567	7323 3226	5433 4454	4212 2142	0001 1113	1000 0001
Le	4411 2332	3332 2446	7423 2334	3433 3323	3212 1321	1012 1222	1111 2101
Do	5400 2421	3432 3447	8323 3334	3433 3333	3221 1331	0000 2221	1000 0101
Me	4311 2222	3655 2335	6433 2224	4544 3212	3322 2122	0000 1111	1021 1011
Si	3411 2222	3554 3224	6523 2212	3444 3221	3322 2221	0001 0011	2010 0000
Es	3312 2432	3332 2544	5323 2334	2323 4333	2212 2331	1012 2222	1211 2101
Sl	4323 2432	2422 3555	5433 3333	3434 4323	3322 2221	1221 2222	1220 1101
RS	4311 2431	2322 3445	5322 1324	1433 3322	3211 1221	1000 1111	1000 1000
Ag	5312 2333	3544 2345	5531 2234	4643 3233	3221 2333	0011 1122	2020 1211
Wi	3221 1542	2432 2554	5322 1334	3434 3332	2232 2431	0000 0222	1100 1100
Ab	4311 2433	3432 3544	5323 2334	2433 3333	3211 2332	1111 2222	1111 2111
Sr	3211 3322	2334 2433	4333 3223	3443 3222	2221 3121	1021 0012	1110 0001
Ni	4201 1432	3321 3444	5313 1224	2433 3322	3211 1321	0000 1222	1000 1001
Ya							
CF	3301 1432	3332 2443	4322 2323	2333 4322	2102 2321	0001 1211	0000 2210
Ch	5311 0234	4444 2445	5432 1234	3532 3332	3221 1233	0011 1133	2020 1001
Za							
VD							
Zy							
SF	4401 2443	4433 5554	4322 2224	3433 4322	3223 1221	1012 1021	1232 0100
Tu	5411 1221	3543 2333	3532 1222	3542 2222	2321 2122	0011 1122	1010 0010
Du							
Ke							
SJ	5300 2021	3432 2444	3423 1223	2332 1132	2211 0111	0011 1022	1000 0000
Ho	3200 0111	3333 2353	4312 1013	3342 1111	0111 2001	0010 0011	0000 0011
ZS	3312 2223	3443 4444	2432 2313	3343 3122	3332 2233	2221 1121	2222 0012
Hu	4213 3321	3432 3442	3422 2223	2331 3322	3322 2321	0010 2211	1110 1000
Ap	3321 2232	3333 3244	4323 1224	3442 3222	3222 2121	1221 1111	2211 1121
Ku	3210 1322	3322 3443	3412 1312	2333 3211	2211 1120	0011 1111	0001 0000
Pi	5322 1201	3543 2543	3522 2223	3332 2202	1212 2132	1021 2121	1103 1011
CT	2221 2231	2221 1434	3232 1113	1231 0121	2110 1010	0000 1011	1100 0000
Wa	4210 1321	2432 2433	4312 1312	2332 3221	2221 2121	1010 0011	0000 0000
Am	3200 2212	2433 3342	3423 1113	2343 2111	3222 2111	1011 0001	2100 0001

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1940

	1	2	3	4	5	6	7	8
Go								
So	0002 1033	1111 5423	0011 3213	3100 1100	1021 2125	6544 5355	6633 3356	6323 4456
Le	1001 1122	2221 3313	1101 3222	2111 1111	1122 2223	4444 3446	6544 3335	4322 3334
Do	0002 2123	1202 3313	1000 4321	2000 12$\ddot{0}\ddot{0}$	1$\ddot{1}\ddot{2}$2 2213	4644 4435	6433 4335	5322 4434
Me	0010 1111	1231 2222	1002 2222	2000 1100	2131 1223	5776 6344	5666 5325	5344 3233
Si	0020 1011	2331 3321	1002 2113	2100 1000	2131 1213	4675 5224	5544 4224	5343 3232
Es	1122 2222	2222 3322	1111 3322	2111 2211	1123 2224	4444 4434	4444 4333	4322 3443
Sl	1222 3122	2333 3322	1212 4322	3212 2221	2244 3234	4535 4434	5444 4334	4433 4443
RS	0112 2121	1211 3312	0101 4222	2001 1111	1133 3123	4434 4433	4444 4334	3322 3343
Ag	2020 1122	1332 3323	0011 3332	2011 0211	1132 1224	5756 4344	5635 3335	4333 3344
Wi	0111 1222	1311 3212	0122 3221	2111 2111	1223 4333	4433 4434	3444 4333	4333 3344
Ab	1122 3122	2322 3322	1$\ddot{1}\ddot{1}$2 4332	2111 1111	2131 3334	4444 4433	5534 4334	4323 3444
Sr	0121 2113	1231 43$\ddot{1}\ddot{2}$	$\ddot{1}\ddot{1}\ddot{1}\ddot{2}$ 43$\ddot{2}\ddot{2}$	2200 1102	2233 2214	4354 3334	4443 3324	4342 2333
Ni	1112 1122	2311 2312	1111 4222	3100 1111	1131 2224	4433 4433	4433 3334	4332 3444
Ya								
CF	0011 2212	1112 2311	0013 3221	2000 1111	1123 3323	4333 3323	4434 3234	4312 3333
Ch	1010 0123	2231 1333	1011 3113	2001 0110	1132 2235	4554 4334	5534 3344	4332 2333
Za								
VD								
Zy								
SF	0112 3322	2210 4322	1012 4330	2132 3232	1234 4235	4353 4324	6544 4345	5223 3444
Tu	1020 0012	2222 2212	0012 3222	2000 1112	2232 2224	3554 3323	4524 3324	4332 2223
Du								
Ke								
SJ	0011 1012	3332 2112	0012 2111	2110 1221	0232 2224	4433 1123	4522 3122	4323 2222
Ho	1010 0111	1320 1232	2112 1122	3100 0011	2222 2213	3453 1233	4423 2123	4232 1222
ZS	2222 2121	2432 3410	2222 3223	2233 2222	2343 3334	3343 4324	4534 4334	3332 3322
Hu	0010 0210	3221 3311	0010 2321	1000 2211	1221 3333	3333 4422	3422 4332	3321 3412
Ap	1121 1122	2340 2222	0223 2223	2000 2122	2233 2235	4553 2333	5433 3124	3232 2223
Ku	1111 1110	1112 3411	0021 2111	1111 1011	1232 2223	3332 4423	4424 2233	3221 3321
Pi	1122 2332	3232 3402	2030 3002	2011 2001	1333 3135	4442 3443	4522 3232	4322 3243
CT	0000 1021	1101 1102	0121 2000	1001 1000	0021 1123	3122 1322	5423 3233	3212 2234
Wa	0010 0011	2220 3311	0010 2111	1100 0000	1221 2113	3433 3323	3423 2233	3222 2322
Am	1011 1011	1331 2211	2112 2112	2111 1012	1232 1113	3554 4342	4534 3234	4333 2223

	9	10	11	12	13	14	15	16
Go								
So	2323 3354	4121 1001	2011 2212	1001 2111	0000 2213	1233 4556	6535 5532	5233 3245
Le	2333 2333	3221 1011	2012 2212	1011 2221	0011 1222	1232 4567	4543 4521	4333 3233
Do	2422 3342	3121 1002	3001 2302	0000 3222	0000 2222	0102 4658	6534 4532	4222 3233
Me	1366 2323	4130 1012	1001 1101	2000 1121	0000 0113	1144 3445	5666 4321	3265 3232
Si	2355 2322	3231 0011	2010 1111	2001 1121	0000 1112	1333 3545	5457 4431	4254 3223
Es	2333 2343	2121 1112	2121 2212	1022 3322	1111 2222	1232 5655	3443 4432	3233 3233
Sl	2432 3342	3332 1112	2122 2312	1212 3221	1212 2223	2234 5555	5444 4421	3333 3333
RS	1332 2343	3221 1002	2011 1201	1000 3221	0110 2112	1233 4556	5543 4431	3222 2233
Ag	2445 2343	3130 0122	2101 0212	1001 2233	0001 1223	1353 4565	5654 3320	5244 2243
Wi	2334 3242	2332 2101	1012 3302	0100 2121	1101 1222	1233 5545	4454 3332	3343 3222
Ab	2333 3443	3231 1112	2112 1312	1101 3322	1111 2222	2333 5645	4443 4432	3233 3333
Sr	2344 2332	2332 0012	3121 $\ddot{2}\ddot{2}$13	1122 1121	1100 1113	2354 3555	3445 3422	3244 3123
Ni	2322 2343	3121 1112	2111 1212	1010 2222	0100 1222	1233 4656	4433 4431	3222 3223
Ya								
CF	1233 2342	1020 1001	2011 0111	1000 2222	0000 1122	1232 4554	3342 3331	3221 3223
Ch	1433 2243	3130 0022	2101 0112	2001 2233	0000 0123	1343 4545	5544 3332	4333 1233
Za								
VD								
Zy								
SF	22$\ddot{3}\ddot{3}$ 3343	3213 2211	2112 2121	2201 2333	1003 3122	2243 4655	3555 2432	3332 3224
Tu	2434 2322	3130 0111	1011 1111	1001 2232	0000 1112	1243 4544	5444 4432	4243 3223
Du								
Ke								
SJ	1313 1222	3121 1011	1000 0011	1000 1123	0000 1111	1144 3453	4443 3321	3322 2112
Ho	1333 1333	3130 0122	2010 0111	0001 1232	1000 0132	2232 3354	3434 2343	3133 2222
ZS	2433 2223	3331 1112	2232 2112	2332 2333	2221 2122	1344 3664	3534 3222	3343 2222
Hu	1323 2322	2130 1111	1000 2211	1000 2222	0001 2221	1232 4643	3433 4441	3321 3322
Ap	3433 1221	3231 1012	2211 1001	1002 2232	2101 1113	2232 3354	3434 2332	3233 3123
Ku	1423 2222	1221 1000	2100 0101	1000 1122	0100 1102	1233 4565	2234 3212	3142 2121
Pi	1313 2242	3032 0100	1000 2112	2202 3242	0001 3202	0140 4463	5543 3302	4330 3022
CT	0113 3232	1010 0001	1011 1001	1000 0121	0001 1001	0121 3535	2422 2321	2231 2212
Wa	1333 1331	2220 0000	1000 0201	0001 0011	0000 0001	0333 3554	3334 2211	2232 2122
Am	2334 1322	3231 1000	1001 0102	0002 1111	1001 1012	1223 2554	3445 2222	3343 3211

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1940--concluded

	17	18	19	20	21	22	23	24
Go								
So	4322 4442	3443 3111	2333 3412	2111 1000	1211 1010	1002 3224	6211 1233	3223 4556
Le	3333 3432	2442 2221	2232 3322	2111 2101	2212 1011	0113 3212	4312 2222	3232 3345
Do	3233 4432	3342 3222	1323 3412	2001 2110	0201 1111	0003 4222	4222 2232	3232 3345
Me	3464 3222	3675 2211	2345 4312	1111 1110	2121 1110	0203 3113	4101 1121	3330 3121
Si	3333 3312	3575 2122	2333 3311	2211 1011	1120 1010	0213 2223	3200 0011	4432 4333
Es	2233 3422	2342 2221	2222 4411	1112 2221	2222 2111	1113 3222	3221 2222	3332 4344
Sl	3233 4433	3433 3222	2434 3422	2212 2121	1212 1121	1223 4332	3332 2232	3333 3344
RS	3333 3433	2343 2121	3332 3312	0101 1111	1211 1110	0003 4221	3311 1231	3332 3334
Ag	4453 2321	3544 2233	2332 3233	1100 0322	1111 1221	0213 3323	4211 2233	4532 4333
Wi	2233 3322	1322 2221	1322 3311	0200 1110	1212 2110	0103 4322	3311 0122	2232 2333
Ab	2333 3432	2343 2232	2332 4422	1211 2121	1311 2111	1104 4322	4111 2332	3333 4244
Sr	2333 3332	2554 2122	1443 2222	2122 1000	2231 1001	2214 3323	3122 2112	2343 3343
Ni	3312 4333	2342 2121	2322 3322	1100 1111	1211 1110	1103 3222	3111 1232	3322 3244
Ya							....	....
CF	2312 3421	1431 1220	0231 3321	1000 1111	1211 1111	0112 3212	3011 1222	3311 3134
Ch	3342 3243	2454 2333	2332 2333	2200 2223	2321 1121	1114 3323	4111 0223	4432 1233
Za								
VD								
Zy								
SF	4322 4343	2443 0332	2233 3421	1120 2221	1221 2120	0125 3322	4303 3223	3322 3345
Tu	2442 1222	3354 2122	1333 3321	2110 1101	1121 1110	0115 4213	4111 1222	3433 2223
Du								
Ke								
SJ	2332 2222	2333 2122	2322 2211	1203 1201	1111 0100	1114 2222	3101 1012	4332 2332
Ho	3333 2331	2543 0021	1322 2144	3120 1222	1121 0131	3014 3232	3121 0243	3333 3124
ZS	3333 3332	2534 2222	2543 3223	3111 2111	2221 1012	2024 4323	3212 1222	3443 3233
Hu	2231 4421	2343 2221	1322 3421	1100 1110	0110 0110	1113 4321	3201 2311	3332 3332
Ap	2323 2221	3444 1221	2433 2121	3231 2112	2232 1021	2124 2222	3121 1012	2333 3333
Ku	2322 3232	2333 2121	1323 3200	1010 2101	1111 1010	0004 4111	3111 0212	2433 3132
Pi	3332 0212	1443 2031	0423 3401	0110 3220	0220 3210	0104 4233	3323 1232	4442 3433
CT	0212 2211	0232 2010	0211 2200	0100 0000	0212 1100	0004 3222	3120 1012	2211 3334
Wa	2222 2321	2343 1121	1322 2111	2110 1001	1110 0000	1113 3211	3111 0111	2322 3232
Am	3423 2321	2354 2022	1333 3111	1121 1110	2111 1001	1114 2212	3112 1012	3432 3223

	25	26	27	28	29	30
Go						
So	3847 6775	6423 2434	3223 3300	3011 0240	0201 2141	6302 2243
Le	4646 9875	5422 1543	2322 2311	2111 1431	0111 2131	5412 3332
Do	4847 9975	5423 2633	3223 3310	3001 1330	0200 2232	5302 2332
Me	4767 7755	3333 1332	3212 3210	3001 0210	0010 1121	4401 2312
Si	4777 8765	5445 1433	3322 3211	2002 0221	0120 1120	3312 2222
Es	4646 9774	4322 2643	2223 3321	2122 2431	1211 2232	4311 3332
Sl	3758 9975	4333 2643	3334 3411	3212 2431	1312 2242	5323 3432
RS	5757 9774	5322 2643	2223 3300	2100 2430	0210 2232	5421 3321
Ag	3777 8665	4333 2444	3311 2222	3002 2231	1100 2132	4312 1333
Wi	4746 9664	4312 1663	2213 3400	2210 1421	0200 1232	4412 3321
Ab	5657 8664	4322 2644	2222 3321	3111 2431	1211 2242	4411 3332
Sr	4558 9985	5434 2433	3343 3211	1112 0131	0221 1331	4323 1333
Ni	4747 9764	5322 2643	2322 3310	2100 1430	0201 1242	4402 2331
Ya						
CF	4536 7554	4111 2533	2111 2210	2000 2420	1101 1231	3300 3211
Ch	5546 8665	4434 1544	3311 1231	3001 0232	1100 1133	4312 1233
Za						
VD						
Zy						
SF	4657 7675	5432 3644	3103 1110	3220 1321	1210 1341	4412 3341
Tu	5647 7554	4434 0434	3322 1111	2101 1221	1110 1232	3311 1222
Du						
Ke						
SJ	4546 7544	4323 3543	3321 2211	2001 0020	1110 1131	4211 1222
Ho	5546 7343	4333 0433	3212 1221	2000 0122	0010 0232	3311 2321
ZS	5667 7565	5334 2544	3333 2212	3211 1233	2220 1243	5322 2222
Hu	4546 8864	3321 2643	3211 2210	1000 2432	1010 1332	4211 2331
Ap	5666 7453	3323 1433	3212 2111	2101 1222	2111 1232	3212 2222
Ku	5657 7762	2323 1432	3222 2101	2100 1231	1110 1232	3332 2232
Pi	6655 7553	3432 2533	3312 2010	1002 3222	2021 1232	4311 0211
CT	3446 7553	3222 0322	1012 2100	1000 0011	0001 2120	2231 2122
Wa	4646 7663	4223 1422	2211 2211	2000 0131	0010 0231	3211 1131
Am	4546 7554	4223 1322	3212 3011	2002 1111	0111 1121	3211 1121

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1940

	1	2	3	4	5	6	7	8
Go		....	....					
So	5301 2110	0001 1111	2232 3257	7424 3356	5212 3345	4323 3242	3112 2321	2101 0103
Le	4411 3221	0112 2121	2222 3337	7432 3335	5222 3333	4322 3232	2112 3232	1211 2222
Do	3212 1120	0001 1212	1122 3238	7433 3336	5222 3344	3323 3232	2002 2330	1100 1212
Me	2210 0012	1100 0011	2233 3224	4466 2335	4334 3223	3342 3232	1010 2222	1111 2113
Si	3311 1120	1110 1110	2332 3224	3554 2225	4343 4233	3332 3222	2121 2111	1102 2113
Es	3221 3331	1121 2222	2232 3335	5333 3334	3232 4343	4323 4332	2112 3231	1111 2223
Sl	3222 2220	1132 1231	2333 4245	5434 3334	4333 3243	3333 3232	3123 3332	2112 1223
RS	3110 2120	0011 1122	2122 3344	4333 3334	3221 3334	3222 4231	2011 3331	2100 1113
Ag	5211 1231	1100 0223	2221 3244	5433 1345	5242 3233	4322 2343	2011 1212	2000 2224
Wi	4212 3330	1112 2310	2322 3344	4333 3324	3133 4344	2333 4333	2212 3331	1000 2214
Ab	4212 2231	1211 1222	1233 3444	4333 3334	3221 4343	3422 4332	2222 3332	2110 2324
Sr	2322 1110	1110 0121	2232 3244	4444 2333	3333 4233	3342 3232	2131 2211	1221 1113
Ni	4201 1230	1001 1221	1212 3344	4333 3334	3211 2344	3322 3332	1111 2331	2010 1213
Ya								
CF	2111 2220	0000 1111	2112 3333	3223 3323	2211 3333	3312 2231	1101 2331	1111 1223
Ch	5310 0130	1000 0221	2231 2234	4432 2334	4242 3233	4422 2343	2111 2222	2100 0104
Za								
VD								
Zy								
SF	2324 2141	0122 3313	2132 3233	5235 4335	4113 3444	4313 3233	3101 2332	2222 1125
Tu	4221 1220	1110 0121	1222 2334	4543 2324	3342 3233	3332 2332	1111 1111	1101 0203
Du								
Ke								
SJ	4211 1220	1000 1222	2121 3334	3322 2234	3231 2133	3322 2221	1000 1112	0100 1213
Ho	3221 0222	1010 0102	0131 3235	4442 2113	3222 2232	2221 1133	3100 0102	1101 0023
ZS	3323 2231	1122 1112	1432 3225	4543 3334	3342 3232	3323 3223	3232 1221	2123 1123
Hu	3211 1230	1000 1211	2111 3334	3332 3324	3221 3333	3322 3332	2101 2221	0000 2213
Ap	2221 2120	1121 0021	2332 3225	3443 1224	3122 3223	3332 3132	2011 2222	2221 1123
Ku	3222 0121	1010 0121	0212 3133	3433 3323	3330 2133	2223 3121	0111 1111	0000 0103
Pi	4220 2210	2102 3201	3212 4245	4433 3245	4232 3333	3333 2232	2000 2122	0000 2013
CT	2111 0010	0011 0100	0001 2233	3332 3124	2121 2033	2212 0230	0000 1121	1000 1002
Wa	2111 0010	1000 1021	1222 3233	3322 2333	3221 4233	2222 2231	1110 2211	1110 0002
Am	2201 0020	1100 0000	0231 2123	3333 0223	4432 3023	3231 3222	2121 2221	1201 1002

	9	10	11	12	13	14	15	16
Go								
So	3213 4544	5345 4436	5322 2233	2212 0120	1116 7757	4434 4534	5423 4343	4211 3223
Le	2321 3233	4443 4333	4431 2223	1211 2121	1225 6555	3533 3333	4422 3332	3322 2322
Do	2322 4332	4444 5333	3422 2223	2212 2121	1025 7546	4534 4433	4323 4332	2222 3322
Me	3244 2223	3776 6323	3334 1122	2311 1120	2227 7544	3565 6323	4443 4333	3333 1222
Si	4342 3233	4556 5323	3323 1111	3411 0110	2239 9644	3355 4323	3332 3222	3322 1222
Es	2322 3333	3443 4423	3322 2322	2221 2121	1235 6544	2433 3332	3312 3332	3222 2322
Sl	2323 4333	4444 5433	4332 2232	2223 2122	2236 7544	3444 4333	3333 4332	2223 3322
RS	2312 4232	4344 4334	3321 2222	2212 1111	2226 7544	3433 3323	3332 3332	2222 2222
Ag	3432 2334	4564 3334	3533 1223	3301 1131	2135 6544	4554 3323	4432 3333	4323 2222
Wi	2332 3343	3345 4334	2322 2222	1111 1111	0225 6544	3433 3332	2323 4332	1133 2322
Ab	3422 4343	4443 4424	3432 3322	2312 2121	1236 6643	3433 3433	3322 3432	3312 3323
Sr	2443 3432	3444 4333	3433 2122	2322 1111	3345 6443	2544 3322	3333 3222	3233 2212
Ni	2312 3333	4334 4333	3321 1222	2212 1121	1225 6643	3523 3333	3322 3332	2211 2222
Ya								
CF	2222 3333	3343 4313	3211 1222	1201 1121	1115 6532	2233 3332	2212 3322	2111 2212
Ch	3432 2334	4553 3334	3522 1132	3311 1331	2235 7544	4544 2333	4432 3423	4322 2222
Za								
VD								
Zy								
SF	3422 3344	4353 3422	4431 0231	2332 2231	2255 6545	4434 2442	2233 4422	2341 1102
Tu	3342 3233	3443 3334	3433 1122	2312 1121	1245 5534	3444 3323	3332 2323	4332 2211
Du								
Ke								
SJ	2333 3333	2433 2223	3422 2222	0211 0121	1135 5643	2433 2331	2322 2223	3311 1221
Ho	3222 3234	3333 2233	2212 0021	1101 0111	1035 5443	3322 1122	3331 1121	1011 0111
ZS	4322 3334	3444 5233	3343 2222	2323 1122	3343 6533	3433 3222	3232 2222	2234 1323
Hu	3332 3341	2332 4433	3321 2321	1211 2210	2134 7643	2322 4432	2311 3322	3210 2321
Ap	3331 3323	3334 4222	3332 2122	1221 1021	2235 6333	3433 1322	3332 2112	3131 1121
Ku	3323 3233	3343 5223	2423 1221	1212 1110	1235 6534	2423 3212	3222 2211	2213 1211
Pi	3331 3134	3430 4324	4522 2311	0220 1131	1134 6444	3421 3202	3321 2122	4322 2112
CT	2222 2222	3321 3213	2212 2111	0211 0000	1023 6344	2322 2312	2011 1120	1020 0001
Wa	2222 3332	2343 5323	3322 1121	1211 0011	1134 6434	3433 3322	3221 2222	1111 1111
Am	2222 2322	3334 3223	3312 1011	1200 0010	1115 6333	3444 3312	3222 2222	2222 1110

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1940--concluded

	17	18	19	20	21	22	23	24
Go								
So	1111 1200	0101 1101	1101 1113	0111 1121	1013 1244	1333 4343	3112 2222	2323 2214
Le	2211 1320	0111 1112	1111 2222	1111 2122	1122 2333	1342 3332	2111 2223	2322 3213
Do	1111 1310	1100 1011	1101 2222	0011 1222	2113 2333	2233 4332	3212 3222	2323 2323
Me	2122 0111	1101 1011	2101 0122	1110 1012	2026 3223	1475 3212	3211 2211	2435 1212
Si	1231 1011	1101 0001	2100 0122	1110 1122	3135 3123	3363 3322	2321 3211	1425 1212
Es	2111 1311	0111 2111	1111 2223	2111 2222	2122 2332	1343 4332	3122 3222	2322 3323
Sl	2222 1311	1232 3111	2211 2123	2312 2232	2333 2333	2443 4332	3322 2222	2334 3323
RS	2121 2300	0101 1002	1100 2122	1111 1121	2113 3332	1242 4332	2211 3222	2333 3223
Ag	2220 0110	1001 1012	2100 1123	1210 1133	2123 2223	2453 3223	2101 1223	2333 1223
Wi	2111 2300	0001 1001	1110 2222	1111 1222	1213 3333	2343 3233	2212 2322	2333 3323
Ab	2211 2311	1111 1111	2311 2223	2111 1222	2212 2332	2343 4332	3111 3323	2332 3224
Sr	1021 2101	1211 1002	1121 1212	1220 1022	2233 2233	2343 4222	2321 1102	2334 1123
Ni	2110 1310	0101 1001	1111 2223	0110 1121	2112 1232	2232 3332	2201 2222	2323 2223
Ya								
CF	0111 1300	1001 1100	1100 1222	1000 1221	2112 1222	1232 3321	2001 2211	1201 2213
Ch	1112 1211	1101 0013	2211 0223	2220 0133	2124 2224	3443 3322	2210 1224	2433 1323
Za								
VD								
Zy								
SF	2121 2321	1010 2211	1210 2123	2120 3123	2232 3343	2444 4321	3201 3332	2343 1114
Tu	1120 0111	0101 1212	2111 0122	1220 1122	2124 2123	2342 2332	2211 1223	3433 1112
Du								
Ke								
SJ	0011 1220	0000 1010	1111 1112	1210 1122	2114 1222	2343 3221	2212 2232	2431 2102
Ho	0010 0101	1000 1211	1001 0111	2110 1232	2223 1212	2332 1111	2101 1232	3323 0122
ZS	1123 1210	1122 1101	3323 1123	2221 2222	2234 3232	3442 3321	2342 1212	2434 2222
Hu	1110 1210	0100 1101	1111 1222	0210 2221	1113 2222	2342 3321	2111 2321	2322 2211
Ap	1011 0111	2121 0021	1110 0122	1111 2222	1133 2332	2332 2111	3321 2122	2323 1124
Ku	0111 1211	0110 0001	1011 1122	1220 1111	2203 1333	2242 3222	2111 1111	2334 1221
Pi	2011 3001	0100 1002	2111 2213	1201 2321	2203 2043	2453 3330	3212 2132	3422 2303
CT	0101 0000	0000 0000	1010 0012	0001 1010	2023 1122	0232 2201	2012 0001	0222 1003
Wa	0010 0110	0110 0000	1111 0112	1111 0111	1112 1222	1342 2221	1211 1111	2323 1112
Am	1111 0001	1100 0001	1100 0001	1010 1002	2233 2211	2243 3220	2211 2112	2323 0000

	25	26	27	28	29	30	31
Go							
So	4222 1210	4111 0100	1011 1100	2012 2100	0112 2043	3223 3354	5333 2243
Le	3222 2311	3211 2201	1001 1211	2112 2112	1212 2233	2322 3342	4332 2322
Do	2322 2321	2202 1201	0000 1210	2102 2000	1202 2032	2112 4333	4333 3433
Me	2454 0112	3232 0101	1111 1111	1024 1101	1111 1133	3323 3333	3664 5233
Si	2333 0111	2121 0100	1111 1111	1124 2000	1211 1132	2322 3342	3443 4132
Es	3233 1322	2212 2211	2111 1211	2112 2212	1111 2233	2323 4443	3333 3332
Sl	3232 2322	3222 2311	1222 2211	2223 3211	1223 2243	3434 4343	3343 3333
RS	3222 2211	2111 2200	1011 0110	1002 2102	1221 1143	2322 4342	3332 2333
Ag	3343 2212	3322 1010	1210 2121	2223 2222	1211 1144	2323 3354	4444 3243
Wi	3323 3311	2111 2200	0000 1111	1122 2112	1101 2344	3322 4443	3334 3333
Ab	3332 2312	3311 3211	1111 1311	2112 3212	1222 2243	2333 4443	3433 3333
Sr	3343 1112	2222 0101	1121 1101	1233 1101	1232 2122	2444 3332	3342 2332
Ni	3223 1312	2211 1201	0001 1200	1102 2201	1222 1143	2322 4343	3322 2333
Ya							
CF	3221 0211	3211 1210	1100 0210	2102 2210	1101 2131	1212 3343	3332 3332
Ch	3343 1212	3320 0001	1210 1102	2223 2121	1311 1243	2422 3354	4444 2243
Za							
VD							
Zy							
SF	4333 0212	3232 2300	1201 1322	3223 2121	1311 3242	3434 4454	4534 3332
Tu	3343 1211	3320 0011	1211 0101	2123 1100	1221 1133	2433 3343	4433 2232
Du							
Ke							
SJ	3221 1201	2200 0000	1211 1210	2212 0210	1322 1243	2423 3343	4232 1222
Ho	2243 0101	2122 0113	0110 0111	2013 0122	1210 1131	2323 2333	2323 1232
ZS	2434 1212	4212 1202	1212 1212	3323 1210	2322 3122	2434 2333	3343 3322
Hu	3222 2310	1210 1200	1111 1211	2112 1200	1220 2232	2323 4443	3321 2331
Ap	3343 1101	2122 1111	2221 2212	2223 1122	1221 2133	2423 3333	3423 2223
Ku	1222 2210	2102 0100	1111 0201	2212 1101	1222 3121	2423 2332	3233 3221
Pi	4323 2322	2321 1110	1120 2022	1211 2102	1331 2043	2422 3243	4430 3332
CT	3132 2101	1000 0000	0000 0100	1002 1201	1111 2232	1232 2232	3332 2112
Wa	2222 0010	2111 0100	1110 0100	1112 1000	1221 2032	2322 2332	3333 2211
Am	2343 2111	2222 1010	1221 1211	2224 2211	2311 2122	2333 2222	4333 2221

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1940

	1	2	3	4	5	6	7	8
Go								
So	6412 2244	1111 2361	2235 6643	3212 1142	2113 4346	5324 3365	4113 4430	5334 3212
Le	5412 2323	2122 2341	2333 6533	3222 2231	2213 3323	3222 3334	4113 3441	4432 3212
Do	5302 2323	1002 2342	3223 7532	3222 1100	0113 4334	3223 4343	2123 3431	3223 3313
Me	4300 1213	0011 1242	2376 6632	2255 1112	2314 3233	3355 4223	3256 4431	3366 3112
Si	3201 0222	1012 1151	3356 6631	2243 0111	2314 2222	3444 3222	3124 3331	2134 2101
Es	4213 2323	1122 2352	2333 6643	3132 2331	2213 3323	3233 3444	2122 3431	3232 3202
Sl	4412 2333	1222 3352	2334 6643	3233 2232	2324 4333	4334 4344	4233 4441	3343 3313
RS	4212 2123	1111 2351	2434 6542	3222 0131	1213 3334	3223 3344	2222 3441	3233 3213
Ag	5311 1233	1113 1253	2355 4333	3433 1332	3413 3323	3453 3333	2234 3331	3344 2223
Wi	4312 2222	2122 2352	2444 5543	4332 2231	2212 3334	2233 3354	2123 4431	3233 3312
Ab	4312 2223	2112 3353	2333 6643	4233 1332	2323 3333	3243 3455	2223 3431	3233 3313
Sr	4313 1222	1122 2142	2344 4531	1333 0022	2223 3223	3243 3223	3134 2321	2234 2201
Ni	4312 2223	1111 2352	2233 6642	3222 1132	1213 3324	3223 3344	2123 3430	3223 2213
Ya								
CF	3301 1112	1001 2342	2123 5531	1211 2131	1103 3222	3213 3344	2123 3430	3112 2302
Ch	4311 1233	1112 1152	2355 5532	4243 0112	1413 3223	3443 2334	2034 2331	3333 2101
Za								
VD								
Zy								
SF	5411 1324	1021 1363	3334 4642	3223 2232	2233 4331	4232 3255	3345 4441	3314 2312
Tu	4211 2222	1022 1242	2354 4531	3243 0121	2413 2223	3343 2323	2124 2331	2243 2101
Du								
Ke								
SJ	3202 1222	0110 1141	3333 4341	3222 2122	2412 2223	3322 2332	2012 2321	3233 2202
Ho	4301 1123	2010 0132	2243 3340	2132 0000	0213 2133	2232 1233	2123 2211	1233 1133
ZS	5433 2322	2242 2353	2354 4641	2232 2112	2322 3222	3334 3233	3233 3432	3154 2203
Hu	3201 2321	0010 2351	2233 5751	2121 1201	3302 3322	2323 3422	2112 3431	3222 2301
Ap	4411 1113	3221 1233	2354 3431	2232 1012	3313 2222	3232 3223	2133 2321	4333 2112
Ku	4311 1221	0122 1251	2344 4632	1133 1010	1223 2221	2323 2233	1132 3421	1123 2201
Pi	3322 1333	1101 3142	3343 4441	3223 3332	3403 3133	3322 2232	2112 2120	4222 3023
CT	4311 2212	0012 1241	2223 3421	2213 0011	0111 1022	2122 1144	1032 3330	2122 2001
Wa	4311 1122	1111 1242	2343 5531	1232 1111	0212 2223	2223 2223	1223 2331	2133 1202
Am	4300 0012	1111 1122	2243 3321	2232 0001	2313 2112	2233 2223	2124 2332	3233 1122

	9	10	11	12	13	14	15	16
Go								
So	3337 6676	4113 3311	2233 4446	5212 3324	4212 2112	1123 3212	2010 0000	0010 0010
Le	3335 4474	3122 2321	3223 3334	3331 2333	3212 2221	1222 2212	2121 2210	1121 1110
Do	3335 5476	3113 3411	3222 3443	2321 2323	4212 2221	1222 2213	1000 0100	0010 0120
Me	2357 5333	1134 2211	2345 5433	3534 4322	1322 2211	2323 3101	1010 1100	0130 0010
Si	1347 7433	1224 2211	2344 4432	2533 3311	1332 1101	2334 3001	1021 1010	0031 0010
Es	2344 4462	2123 3421	3233 3333	2333 2322	3222 2321	1232 3222	2011 2210	0021 2221
Sl	3346 5464	3233 4432	3323 3444	3343 3323	3233 2212	2322 4223	3122 2210	1231 2121
RS	3344 4463	3123 3321	3222 3343	2222 2213	3222 2211	1322 2213	1100 1000	0020 0010
Ag	2456 5466	2223 2321	4434 2343	3532 2322	3332 2212	0434 2112	2120 1122	1120 1122
Wi	2343 4454	2032 3411	3233 3343	3332 3333	3222 2212	1322 3212	2010 0000	0010 0110
Ab	3344 4463	3223 3422	3332 3434	2331 2323	3222 2322	1332 3222	2111 1121	1121 1121
Sr	2345 4454	1223 2331	2334 3332	3322 2311	2221 1101	2234 3100	0120 0011	0110 0011
Ni	3234 4463	3212 3321	3222 3343	2212 2213	3211 1312	1311 2112	1110 0000	0010 0010
Ya								
CF	2124 3352	2002 2312	2221 2322	2321 1102	2210 1211	0111 1122	2100 0010	1001 0010
Ch	2355 3455	2132 2311	3434 2344	3422 2112	3330 0101	2433 2111	2021 0011	0220 0020
Za								
VD								
Zy								
SF	3455 4564	3232 3212	4331 4323	3343 0223	3231 1221	1322 2122	3122 2210	1100 0221
Tu	1354 3333	2133 2211	2334 2343	3432 2212	2231 0101	2423 2001	0010 1011	0120 0010
Du								
Ke								
SJ	2434 3534	2123 1221	2322 3232	2321 1222	1222 1201	1313 3220	0010 2110	0121 0110
Ho	2233 3333	3213 1112	1223 2222	2321 0222	2211 0100	0223 1100	3110 0110	0020 0110
ZS	2435 5233	3323 3311	3332 3322	3443 3212	2331 1212	3333 3211	2220 2013	1231 0010
Hu	2333 5543	2122 3412	1223 3332	2321 3211	1220 1321	2221 2220	0010 2110	0121 0110
Ap	1333 3343	3323 3212	2233 3322	3322 2311	2221 2212	3333 1111	0110 0010	1231 0011
Ku	0235 5233	0212 3211	2222 3322	1223 3201	2331 1210	2233 3211	0011 1000	0121 0100
Pi	3343 5334	3122 2122	2330 2133	1420 3101	1220 1102	1320 3122	2011 4031	0221 2030
CT	1025 3352	3111 3301	2222 3323	2123 1201	1121 2011	0111 3001	1000 1000	0000 2111
Wa	1334 5453	1222 2212	2222 3333	1222 2311	1211 2102	1223 2121	0110 0000	0010 0000
Am	1234 3443	1213 1111	2234 3322	2232 2321	2222 1111	1233 3002	1000 1001	0121 0000

**Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1940--continued

	17	18	19	20	21	22	23	24
Go								
So	0000 0011	0001 4444	3021 4445	4323 3331	2102 3113	3022 2462	2111 1121	0000 0000
Le	1002 1211	0012 3553	2011 3433	2322 2321	2112 3113	2112 2342	2212 2221	1012 2110
Do	0001 0110	0002 3533	1020 3423	3233 3330	2202 3223	3002 2442	2112 2221	0000 1000
Me	1000 0101	1002 3332	1011 2322	3533 3222	1211 2221	1011 2221	2220 0021	1000 0110
Si	1000 0011	1012 3333	1011 3332	3332 2211	2212 2111	1111 3221	1120 0010	0000 0000
Es	1111 1211	1111 3433	2011 3323	3322 3321	2212 3223	3012 2442	2211 2221	0012 1210
Si	2232 3222	1123 3444	2233 3333	3433 3331	2222 3323	3223 3442	3122 2232	1111 1110
RS	0010 1111	0101 2434	2011 2333	2323 3331	2102 2213	3112 1442	3211 1121	0001 1000
Ag	1012 2354	1122 3444	2112 3433	3422 2311	2212 2122	2222 2322	2221 1121	0000 2221
Wi	0011 2111	0022 2443	2012 3333	3323 3231	2212 2223	3112 2342	2211 2121	1000 0000
Ab	1111 1212	1111 2534	3112 3433	3333 3331	2202 3223	3222 2442	2111 2232	1111 1000
Sr	1110 0000	1122 4534	2222 2442	2333 2321	1221 3122	2232 3313	2211 1121	1000 2000
Ni	1000 1112	1101 2434	3111 2333	3323 2230	2201 2223	3122 1442	2111 2121	1000 0000
Ya								
CF	2100 1111	0000 2433	2001 1323	2322 2220	2201 2121	2111 2331	2200 2121	1001 2000
Ch	0000 0021	1010 1334	2012 2333	3421 2212	1200 2122	2221 1322	2221 1022	0000 0000
Za								
VD								
Zy								
SF	2002 0111	1111 1455	2233 4434	3422 3420	2300 3122	2222 3342	3200 3131	1000 3200
Tu	0100 0011	1012 3324	2012 2323	2322 2102	1301 1111	1122 1311	1211 1121	1000 0000
Du								
Ke								
SJ	0000 0112	1011 2433	0011 1322	3322 0220	1200 1121	1221 1222	1111 1121	0001 0101
Ho	1100 0011	1023 2233	2011 1232	3433 0321	1201 1231	3122 2111	1110 0121	1100 0000
ZS	3322 0012	3334 4434	2331 2334	3342 2323	3212 2233	3443 4433	1322 2233	1220 1002
Hu	1100 0211	1111 2543	1112 3532	3312 3320	1201 3221	1221 3531	1110 2221	0000 0100
Ap	1000 0012	1213 2223	3221 1233	3331 1212	1211 2111	1222 2221	2110 1131	1101 1022
Ku	1111 0111	1111 3444	1121 3322	3322 2320	2212 2313	1233 4331	2101 1221	1000 0010
Pi	1211 3131	2001 4524	2233 3414	3313 3411	2212 3041	3231 2412	0222 3322	1012 3232
CT	1001 1100	0001 2543	2221 2331	2233 2211	2201 1222	2122 3341	1110 1110	0011 0000
Wa	0000 0011	1011 3433	1011 2322	2321 2321	1211 2121	1121 3321	1110 1121	0000 0000
Am	0200 0000	1022 2232	1100 1222	3432 1220	2212 2200	1121 2222	3310 0121	0110 0010

	25	26	27	28	29	30	31
Go							
So	0000 0113	1002 3247	5332 1223	3322 3131	3123 3000	1110 1122	2002 1115
Le	0011 1223	2212 3235	4321 2322	3322 2122	3112 3211	1011 1122	2012 2223
Do	0000 1224	2212 3335	4322 2313	3422 3232	3223 4221	2001 2232	1002 2224
Me	0000 0112	2101 2234	3432 1223	2344 1112	3133 3112	1000 0122	2111 1213
Si	0000 1122	2213 2244	3531 1222	2343 1222	3233 3111	1000 1121	2211 3113
Es	0111 2233	2313 3345	3322 3323	3322 3222	3222 3212	1102 2223	2122 2223
Si	1121 2224	3322 3345	4433 3323	3333 3232	3323 3212	2233 3223	3133 3223
RS	0000 1124	2313 3235	4332 2223	3322 3231	3212 3110	1001 2132	2111 2114
Ag	0000 1133	2113 3345	3532 1323	4432 2223	4233 3222	1000 0222	2211 2223
Wi	0001 1133	3312 3345	4322 2213	3322 2231	3122 4201	1001 2222	2012 3324
Ab	1000 3233	3313 4346	3432 2323	4322 3232	3113 4222	2001 3223	2111 2224
Sr	1010 1112	2222 3335	3433 2312	2344 2122	2233 4101	2100 1012	1122 3113
Ni	0000 0223	2212 3345	4322 2323	3322 2232	3112 3110	1011 1232	2001 1224
Ya							
CF	0000 1222	3312 3335	3322 2223	3222 2122	1202 3110	1000 2212	2102 1123
Ch	0000 0133	3223 3245	3521 0223	4431 2223	4132 3122	1000 0122	1211 0014
Za							
VD							
Zy							
SF	0002 2333	3302 2333	4422 3312	4233 1123	3124 3110	2211 2113	4113 1224
Tu	0000 2222	2213 3244	3532 1212	2332 1112	3233 2112	1000 0122	2211 1103
Du							
Ke							
SJ	0000 0122	2213 2245	3432 2122	3312 1222	3122 3110	0001 0122	1101 0123
Ho	0100 0022	2112 2234	3231 1011	2233 0011	2122 1000	0100 1222	2111 1023
ZS	1111 0223	3322 4334	3432 2323	3433 2222	3313 4111	2212 1213	2113 2223
Hu	0001 2222	2222 4454	3421 2431	2221 3321	3112 3210	1100 2322	1111 2324
Ap	2000 1122	3122 3234	3231 1123	2333 2123	3123 3221	2201 1223	1112 1113
Ku	0000 0122	2221 4434	3432 1212	2332 2121	3122 4111	2112 1211	1111 2113
Pi	1000 2303	3221 2345	4530 3232	3322 3322	4112 4241	1112 4243	2202 3123
CT	0000 0011	1122 4335	2121 2201	2122 1010	2012 2000	0021 1012	1021 2002
Wa	0000 0113	2111 2235	2422 0211	2233 2122	2112 4111	1000 0122	1011 2113
Am	2000 0021	2212 2224	2431 0211	2333 1012	3122 2121	2200 0012	1111 2113

**Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1940

	1	2	3	4	5	6	7	8
Go								
So	6425 5543	0023 4455	7434 3366	6214 3344	3312 2352	1103 2114	5545 4436	6114 4413
Le	5533 5431	0122 3333	6333 3433	4233 2334	3322 2331	2212 3213	4553 3424	5223 3333
Do	5222 6521	0012 2344	6443 3445	5214 3334	3222 3331	2103 2213	4543 3425	3214 4321
Me	5557 7520	1225 4233	6345 5322	3146 3213	3323 3222	2334 3113	5767 4313	2235 4422
Si	4445 6510	1114 5232	3444 4333	3236 2213	2333 3131	2234 3213	4566 4213	2235 4421
Es	3333 4321	0122 2333	3333 4334	4333 3324	3323 2321	2222 3213	4443 3424	2223 3322
Sl	4334 5431	1233 3343	5443 3445	4334 3234	3323 2332	2223 3224	3444 3424	4224 4332
RS	4333 4320	0022 2332	4433 3334	4233 2244	3322 2231	2222 2112	4432 3425	3123 4321
Ag	4444 4322	1223 3243	4343 3333	5335 2333	3434 3122	2323 2233	5545 4224	4323 4322
Wi	3344 4421	0122 3333	3433 3433	4222 2244	3322 2331	2202 2113	4443 3424	3213 3333
Ab	3333 4321	1112 3443	3433 4434	4332 2334	3322 2332	2122 3213	4443 3414	3224 4423
Sr	3344 5320	1234 4232	4343 3433	3325 2233	2233 3323	2213 2212	3345 4423	3224 3411
Ni	3323 3320	0022 2333	4433 3434	4311 1234	3212 2331	2102 1213	4322 3425	3223 3312
Ya								
CF	2223 3220	0102 1232	3222 3323	3332 2213	2222 1220	1112 2113	3332 3313	3113 3322
Ch	4443 4220	0223 2333	4332 3433	5224 1223	3433 1232	2332 0123	4444 2224	3323 3212
Za								
VD								
Zy								
SF	3335 3432	1133 2243	4343 4434	5443 4323	3334 3230	1132 2313	4454 4324	4234 3332
Tu	4444 4310	1124 2222	4443 3322	3325 2223	3333 1222	1322 1214	4434 3223	4324 3311
Du								
Ke								
SJ	3343 3332	2122 2232	4233 2333	3203 2223	2322 0132	1112 1122	4323 2323	2223 3212
Ho	2333 3300	2023 3223	3543 2242	3324 1222	2212 2231	1122 1122	3435 3333	4214 2220
ZS	4445 4433	2334 3233	3552 3333	4344 4234	2344 2322	3333 4213	4434 3423	3414 3422
Hu	3343 4520	1121 2353	3223 4522	2112 3323	3322 2331	1111 2312	4322 3322	2123 5421
Ap	4433 3321	1223 3223	3443 2232	3224 1233	2322 2231	1233 2123	4335 3234	4214 2322
Ku	4435 5320	1132 2232	4333 3333	2344 2223	2233 3331	3213 2111	2233 3413	1214 3301
Pi	4443 3320	3213 0233	4323 4444	3222 4344	3322 2041	1202 3233	5333 2233	3232 0221
CT	2133 4322	1013 3232	3134 2323	3122 2101	1122 2021	1100 1002	3212 3213	3123 3131
Wa	3334 5420	1123 3222	4432 3334	3224 2223	2222 2222	1113 2112	3323 3313	2324 3311
Am	2233 4313	2124 3211	3433 3233	3324 2112	3222 2112	2213 1112	3445 3313	3214 3302

	9	10	11	12	13	14	15	16
Go								
So	4403 3566	3110 0001	0001 2210	0001 1010	0001 1100	1201 2464	2321 3441	1211 4530
Le	4423 2343	3110 1111	1001 2221	1112 2111	0011 2210	2212 2353	2322 3231	0112 4320
Do	4313 2354	2010 0001	0001 2201	1001 1121	0000 2210	2200 3343	2320 3331	0111 4320
Me	4425 3232	1110 0011	0002 1221	0021 1111	0000 1210	1200 1253	0432 3222	1230 3411
Si	3434 3321	1210 0000	0002 2100	1122 1110	0000 0220	1200 1253	1342 3222	1231 4420
Es	3323 2343	1121 1111	0002 2321	1012 2111	1112 3320	2222 3353	1333 3231	1122 4421
Sl	4323 3344	2112 1022	1112 2211	1112 2121	1112 2320	1212 3353	2332 3442	1222 4331
RS	3423 2344	1010 0001	0000 2210	1101 2121	0000 2220	2210 3343	2322 3341	0121 4320
Ag	5433 2332	2200 0001	0002 2111	2111 1111	0001 1212	2310 2344	1532 3222	1331 3422
Wi	4422 2444	2110 0001	0001 1211	1001 1111	0001 2220	2212 3343	2232 2341	0111 3330
Ab	4333 3244	2220 1001	1012 2321	2111 2212	1111 3321	3321 3353	2333 3342	1221 4432
Sr	2323 3332	1110 0001	1101 2222	2111 2111	1100 1211	1311 2353	2431 3322	2321 3331
Ni	3322 1344	1011 0001	0001 2221	2111 1111	0000 1210	2211 2353	2321 3341	1211 4431
Ya								
CF	3202 1233	1110 0110	0001 1221	1000 1111	0000 2210	2210 2343	0222 2321	0112 4321
Ch	4432 1233	1100 0001	0001 1101	2110 0011	0000 0110	2310 1144	0432 1222	1330 3421
Za								
VD								
Zy								
SF	4333 2244	2323 3000	0003 4232	1212 2000	0022 1320	4313 2464	1331 2431	2202 5430
Tu	4434 1133	1110 0001	0001 1101	1121 1101	0001 1210	1311 3354	2332 2322	1231 3421
Du								
Ke								
SJ	4322 1222	0100 0011	0001 0201	1010 0111	0002 3220	1311 2354	1322 2322	0221 4421
Ho	1313 1133	3300 0000	0001 1211	0112 1020	0101 1220	1311 1243	3322 2221	0222 3320
ZS	3333 3233	1120 0001	1223 2222	2322 2211	1121 3311	2332 3453	3433 4323	2333 5422
Hu	4321 2332	1100 0100	0001 2321	1111 2220	0000 2330	2211 3463	1321 3331	1210 4531
Ap	3313 1222	2110 0000	0001 1212	1222 2211	0000 2220	1221 2244	1322 3222	2222 3321
Ku	3333 2132	1100 0000	1012 2221	2211 2010	0001 1100	2321 2352	2431 3321	1322 5431
Pi	4420 1103	1201 0220	0002 1111	1201 1110	1002 3301	2323 0554	2433 2302	0214 4432
CT	2111 2133	0020 0000	0022 0021	0001 1000	0010 1100	1000 2452	1221 2111	0111 4322
Wa	2223 2223	1110 0001	0001 1111	1111 2110	0001 1110	1311 1353	1332 3221	1221 4431
Am	2213 2222	0000 0001	0021 1101	1122 1011	1200 1111	1310 2243	1322 2122	2322 2412

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1940--continued

	17	18	19	20	21	22	23	24
Go								
So	0000 0012	0001 0021	0000 1000	0022 4332	1224 4211	0011 1322	1000 0000	0000 0003
Le	0012 0112	0011 1122	1011 1200	0122 4323	2223 3321	0012 3221	1001 0100	0001 0113
Do	0000 1112	0001 0022	0001 1000	0112 3432	2324 4320	0012 3232	1001 1010	0000 0013
Me	0000 0001	0000 1221	0000 1111	0111 3222	1125 5212	0024 2111	0000 1000	0100 0011
Si	0000 1111	0011 0121	1100 1001	0012 3222	2125 4211	1024 3321	0000 2111	0101 0012
Es	0112 1112	0111 1112	1021 2101	1122 4422	2223 3311	1122 3121	1011 1011	1101 1113
Sl	0122 1212	0122 0122	1111 2211	1233 4433	2334 4421	1122 4242	1001 1111	1111 0123
RS	0001 1001	0001 0022	1011 1100	0013 3332	2323 3311	0012 3221	1000 0000	0000 0003
Ag	0000 1112	0001 1221	1101 1011	1112 3333	2223 3222	0023 2232	0000 1212	0100 0123
Wi	0001 1001	0011 0022	1011 1000	0012 3322	2223 3320	0013 3231	0000 1000	1000 0113
Ab	1112 1122	1021 1122	2111 2111	1123 4443	3234 3322	1123 3232	1111 2111	1201 1113
Sr	1010 1000	1112 2012	1111 1001	1232 3222	2224 5221	1024 4121	1100 2001	0100 0111
Ni	0010 1111	0011 0022	1010 1000	0122 3422	2223 3111	0012 3221	1000 0010	1100 0113
Ya								
CF	0010 1111	0011 0012	2000 1001	0112 3422	2223 2111	0002 3121	1000 1000	1100 0113
Ch	0010 0012	0011 0121	1100 0001	0222 3332	2223 3212	0013 2022	0000 1111	1200 0023
Za								
VD								
Zy								
SF	0000 2222	1023 1212	2121 1202	1231 4533	3223 3222	2123 3231	1123 3201	1120 1004
Tu	0010 0012	0011 1121	0111 1101	0133 4422	2225 3222	1023 2112	0001 1001	1100 1112
Du								
Ke								
SJ	0001 1111	0011 1220	1001 1122	0122 3333	2223 2221	0012 1231	0000 1111	1100 1122
Ho	0111 0212	0110 0121	0110 0010	1132 3232	3223 3012	1223 2031	0000 2100	0000 0111
ZS	1232 1112	1231 1022	2331 1103	2234 3233	3344 4422	2332 4332	2312 2112	3332 0121
Hu	0010 1221	0011 1221	1111 2210	0123 5432	2223 4421	0011 3231	0001 2121	1100 1221
Ap	2021 1122	1111 0122	2111 0011	1122 2222	1233 3222	1234 3122	1101 2021	2100 0122
Ku	1011 1111	1021 0022	1111 0000	1222 4422	2333 4411	1112 4331	1001 1011	1100 0011
Pi	1123 2232	0002 3231	1201 1001	1232 4422	1222 1001	0102 1031	1001 2122	0100 2124
CT	0110 0001	0032 1101	1112 1001	0023 3412	1123 2010	0013 3220	1022 1010	0011 0001
Wa	0011 1111	0011 0111	1010 0001	0122 2323	2224 3211	1113 4221	0000 2010	1100 0112
Am	2111 1011	2211 1011	2111 1021	2221 3212	2234 4122	2124 2122	1100 2001	2200 1112

	25	26	27	28	29	30
Go						
So	4333 3657	1000 1785	7733 3677	6655 4666	5112 3254	1010 1265
Le	2333 3444	2001 1686	9632 3456	5544 3453	3212 3232	1010 2143
Do	3344 2444	1001 2595	9622 3567	6544 4464	4222 2243	1010 2253
Me	2443 3332	1010 1664	5565 3444	3776 5443	2343 3321	1100 1122
Si	2342 2333	1011 1775	6555 4453	2577 5432	3343 4211	1001 1222
Es	3334 3444	2002 2564	6522 2454	4443 2453	2222 3242	2110 2143
Sl	4434 3634	2212 2684	7523 3565	4444 4553	3223 3243	2222 2243
RS	2333 2434	1001 1665	6422 3465	4443 3553	2112 3133	1000 1143
Ag	3442 2333	0001 0564	7633 2344	4575 3443	3332 2321	2000 1233
Wi	3334 3444	2001 0674	5413 3454	4443 4553	2212 3332	2110 1253
Ab	3434 3444	2111 1675	6432 3465	4443 3453	3222 4242	2111 2243
Sr	2222 2533	1100 0675	5434 4454	2255 5642	2334 4222	2201 2332
Ni	3433 2444	1001 0675	6412 2465	4443 3553	2112 3132	1010 1143
Ya						
CF	3323 3333	1000 0554	5322 2454	3342 3342	2112 3131	1100 1133
Ch	3433 2324	1000 0654	5532 2345	5545 3333	2332 2020	2000 1133
Za						
VD						
Zy						
SF	4434 3544	2120 4776**	6433 3465	4453 5454	2232 4143	2210 1243
Tu	2442 3334	2010 1775	5543 3234	4455 3333	3333 2121	1101 1133
Du						
Ke						
SJ	2332 2433	2000 0654	5432 2443	4343 2433	2222 2232	1000 0133
Ho	1332 1223	1000 0644	5344 2334	2445 3323	3132 2120	1200 1222
ZS	3434 3533	2230 1565	4424 3553	5445 4532	4233 4222	1322 1233
Hu	1323 4443	1001 1664	4311 2333	3232 2442	2111 3221	0000 2321
Ap	2333 2233	2011 1544	5444 2234	2345 4333	3232 3131	1011 1131
Ku	3334 3523	2110 0574	4333 3553	2334 4532	3212 4211	1010 1232
Pi	2432 2414	2001 3555	5412 2303	4343 2223	3212 1120	0101 4333
CT	1104 2433	0100 1455	5412 2354	3322 3343	2023 2130	1001 1331
Wa	2232 2534	2000 0675	4323 3553	3335 4432	3222 4211	0000 1232
Am	2232 2333	3000 1664	4434 3333	3555 4433	2223 2222	1101 1133

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TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1940

	1		2		3		4		5		6		7		8	
Go																
So	6334	5672	1123	3545	1233	3554	4500	1312	3312	3320	1002	4447	7335	6677	7743	4556
Le	4432	4791	1122	2333	1332	3353	4520	1222	3321	2200	1012	3335	5344	5686	6653	3466
Do	5312	5792	1122	3333	2332	3353	4500	0311	3202	2210	1002	3324	6443	5698	8742	3466
Me	4446	6553	2235	4332	1466	4232	5410	1101	2322	3310	1133	4222	4476	7644	5775	4443
Si	3446	5552	1144	4422	1355	4232	3301	2111	2322	3210	1133	5322	3476	7654	4766	4433
Es	4322	4471	2122	2333	2232	3353	3321	2211	3311	2111	1113	3324	4454	4465	5543	3345
Sl	4333	4572	1332	3443	1323	3353	4321	1321	3212	2321	0123	3424	4345	6676	6633	3445
RS	4322	4472	1122	2433	1332	2453	4310	0321	2211	2210	1012	3314	4444	5576	5643	3355
Ag	4534	3572	2043	3323	1354	2333	4310	1121	2321	1221	2122	3323	3475	5456	5764	2344
Wi	4322	3462	1122	3433	2332	2454	4322	1311	2311	3210	0113	3425	4444	4566	5543	3444
Ab	4323	3552	2122	3423	3332	4453	4311	1311	3322	2111	1113	3425	4354	4465	5543	3346
Sr	3334	4772	2223	3442	1333	4352	3210	2212	1212	3200	1012	4423	3255	6566	3545	3543
Ni	4312	3451	1012	2433	1322	2453	4300	0301	2302	3100	1112	2424	4443	5476	5532	2345
Ya																
CF	4321	2432	1112	2321	2232	3243	2300	0201	2222	2200	1113	3323	4343	4454	4532	2335
Ch	4544	4552	2143	2323	1353	2233	5300	1110	2422	1110	2122	3223	3353	5354	4544	2344
Za																
VD																
Zy																
SF	5442	3653	3223	2432	3343	4453	4402	1301	1233	2201	0114	3524	5463	5465	5543	2446
Tu	4445	4552	2134	3322	1344	2243	4411	0100	2421	1110	1133	3323	4354	5443	4644	3334
Du																
Ke																
SJ	3433	2653	3132	1312	1142	2332	4212	0100	2322	0220	1023	3424	3253	4454	4442	1335
Ho	3234	3452	3224	3332	0323	2222	3321	1101	1321	2110	0123	3213	2445	4242	4433	2332
ZS	2334	4552	3233	3542	2243	4343	3222	1314	2321	3212	2224	3424	3455	5554	5434	4443
Hu	2321	4773	1022	3432	1122	2421	3101	1310	1200	2311	1013	3332	2132	4442	2332	3431
Ap	3234	3442	2224	2321	1323	2122	3421	1121	2231	3021	1113	3223	2545	4342	4434	4333
Ku	3233	3452	2123	3443	1232	3241	3110	1300	1211	3110	1014	3423	3134	5454	4533	3442
Pi	3421	2662	3032	2422	1231	3223	3301	0032	2311	1331	1023	3235	3343	4344	4443	3445
CT	4312	3543	2122	2333	1132	3352	3310	1100	1002	2200	0203	3433	4243	4553	4433	3436
Wa	3234	4552	3323	3442	1232	3231	3211	1211	1221	3111	1113	2413	2244	6444	4343	3432
Am	3334	3453	3224	3321	2233	3132	2311	2111	2221	3111	2212	3212	1344	5453	3554	3433

	9		10		11		12		13		14		15		16	
Go																
So	6002	1043	0002	2155	5101	3115	5212	1115	1111	1001	0000	0011	0122	2333	0002	1460
Le	5122	1122	0112	2233	3211	2114	3312	2214	1110	1101	0001	1111	1123	2322	2021	1342
Do	4002	2031	0002	2133	2200	2114	4322	2324	2221	1000	0000	1001	2233	2232	2012	2351
Me	3114	0111	0024	4112	2423	4110	2114	2211	1000	1111	0000	0100	1447	3111	0144	2221
Si	2113	1111	0024	3122	2423	3111	2113	3221	2000	1110	0000	1121	1235	4122	0042	1231
Es	4122	2122	0112	3232	2221	2113	3223	2223	1121	2201	1001	1111	2233	3332	2122	2241
Sl	2012	1132	0012	2144	2221	2114	4213	2324	2112	1101	0112	1021	1233	2443	2122	2352
RS	4102	1022	0012	2043	2221	2104	4212	2214	1121	1000	0001	1001	1123	1332	2012	2451
Ag	3102	1131	0112	2223	2322	2122	2102	1223	1000	1011	0000	1021	1334	3233	0043	1231
Wi	4211	1012	0012	3244	2200	2213	4212	2214	1110	1000	0000	0010	1233	2332	1021	1351
Ab	4222	2122	1112	2133	3321	2114	3223	3324	2121	2111	1111	2111	2224	3332	2131	2351
Sr	3212	2211	1114	3122	2222	4302	2212	2123	2111	1101	1000	0011	2335	4332	1133	3441
Ni	4102	1121	0002	1033	2211	1104	4213	2214	1121	2000	0001	0011	1223	2332	2011	1351
Ya																
CF	4101	1111	0003	2122	1210	1113	4102	3212	1110	1001	0001	1011	1223	2222	1021	2241
Ch	3212	1121	0011	1023	3420	2213	2212	1223	1001	1010	0000	0011	2334	2123	0143	1231
Za																
VD																
Zy																
SF	5131	2222	0124	3243	2321	2124	4204	2213	1111	2200	0023	3112	2333	4443	2033	4352
Tu	3102	2112	0112	2022	2222	2111	2102	1222	2111	1111	0001	0011	2335	3233	0043	1322
Du																
Ke																
SJ	3102	0212	0011	1232	3222	1212	2222	2333	1000	2221	0011	1110	2323	3322	1021	1233
Ho	2012	1100	0002	2002	0222	2201	1101	1212	1111	0110	0100	0010	2334	3332	0032	1221
ZS	3222	2212	2333	3231	2122	4222	3123	3233	2222	2112	1221	1112	2343	4323	1233	4432
Hu	1001	2221	0002	3221	1101	2321	1102	2432	1011	2221	0002	2221	2223	4332	0011	2332
Ap	2112	2121	1002	2222	2111	3111	2112	2222	1101	1111	1111	0021	2334	3233	0132	1222
Ku	2111	1111	1101	2122	2112	3101	2113	3222	2121	1001	1101	1011	2443	4322	1211	4431
Pi	4101	2100	0101	2232	3303	2313	2300	4333	2103	3103	0202	3023	3333	4333	0020	4341
CT	3012	2111	0012	2021	2121	1103	1012	3301	1010	2210	0222	3201	2223	3322	0022	3442
Wa	1121	1211	1122	2112	2112	3112	2213	2212	2111	1101	1111	1121	1233	4222	1112	2431
Am	3212	1110	0103	3031	2112	3211	2112	2112	2211	0012	1101	1022	3334	3222	1232	2232

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1940--concluded

	17	18	19	20	21	22	23	24
Go								
So	1000 1104	3121 2145	4424 3266	2312 0025	2123 2576	2243 3131	0000 0000	0000 0100
Le	1111 2113	2221 2233	2233 2243	2212 1124	2123 2354	2232 2111	0001 0100	0011 1100
Do	1000 2013	2222 2234	3213 1024	2123 2355	3233 2022	0000 0000	0000 0000	0000 0000
Me	1100 1102	1164 1123	2355 5222	2221 1113	2145 2333	2476 5121	0000 0010	0000 1110
Si	2101 1122	2162 2232	3345 4222	2231 1123	2045 3323	1556 5121	0000 0000	0000 0110
Es	2112 2113	3232 2222	2333 3244	2222 2123	2223 2344	2233 3121	1001 0100	0001 1110
Sl	2111 1113	2232 2243	2343 3244	3222 1224	3234 2444	3211 1022	0011 1000	0111 1210
RS	2100 1113	2222 3233	2333 3243	3222 1114	2123 2444	3233 2021	0000 0000	0000 0000
Ag	1100 1022	1142 2133	1332 2233	3212 1123	2133 2233	2353 4221	0000 0210	0000 1120
Wi	2100 1013	2122 2223	2233 3244	2212 1014	3123 2343	3233 4210	0000 0000	0001 0000
Ab	2211 2213	3232 3333	2343 3244	2222 2124	3223 2344	2344 4121	1121 1110	1011 1100
Sr	2200 2112	2233 1223	2344 3223	1222 3123	3135 2343	2354 4121	1010 0000	1100 0110
Ni	2100 2013	2212 2233	2323 3243	3212 1124	3223 2444	3233 3021	0001 0000	0001 1000
Ya								
CF	2000 2213	2231 1233	2342 3244	2211 2022	1223 2343	1234 4111	0000 0000	0000 0000
Ch	2100 2022	2251 2133	2333 2234	2322 0023	2144 2333	3353 4132	0010 0000	0100 0000
Za								
VD								
Zy								
SF	3110 0223	3241 1244	3344 5345	3222 2124	3325 2355	3245 4111	0223 1000	1012 2000
Tu	2100 2122	1243 2233	2333 3233	2222 0123	2144 3333	2453 3121	0010 0000	0100 0000
Du								
Ke								
SJ	1100 1113	1233 1333	1133 2333	2212 1223	3232 1233	2332 3221	0010 1101	0001 0200
Ho	2211 1212	1253 1233	2333 3231	1111 0133	1343 3122	1124 1110	0110 0001	1100 0100
ZS	3221 2222	2353 2234	3354 3333	2323 1223	3234 3433	2553 3211	1220 0102	1221 1213
Hu	2201 3232	1132 3343	1122 2432	1112 2232	1122 4532	1332 3241	0001 1210	0101 2210
Ap	2201 1123	2143 1233	2333 3132	1222 1123	2123 2233	3244 3121	1110 0010	0100 1110
Ku	2200 2212	1341 2233	3334 3223	2322 1122	1224 3322	2443 3120	1120 1000	1111 1211
Pi	3201 4243	3130 3143	2231 3433	2313 3035	3232 4344	3340 4241	0110 3132	0101 4132
CT	3111 2203	2242 2134	2243 3343	1122 2222	0024 3344	1334 4010	0021 2100	0020 2100
Wa	2100 1212	1242 2123	3334 3223	2222 1212	1224 2322	2342 2111	1111 0000	1111 1210
Am	2201 1012	3342 1132	3334 4133	3222 2123	3334 3333	2353 3111	1211 0000	2201 1010

	25	26	27	28	29	30	31
Go							
So	0001 2245	2023 5567	4322 3455	4102 1253	0200 0010	1010 0012	2101 1321
Le	0001 2255	2122 3555	3322 2333	3212 2242	0312 1110	3211 1102	3111 1210
Do	0001 2255	2123 4666	4323 3443	4212 2252	0311 2342	3200 0003	2201 1210
Me	1002 3213	1114 5543	2355 5321	2355 2122	0211 2110	1220 1011	1155 1210
Si	1002 3233	2123 6542	2245 4211	1433 3131	0222 2100	1121 1001	1144 2210
Es	0012 3344	2223 4554	3322 3332	3212 3242	1322 2111	3211 1112	2122 2221
Sl	0012 2345	2134 4554	3323 4543	3212 2352	0312 2121	2112 2012	2111 1321
RS	0002 2344	2124 4454	3323 3443	3212 3252	0311 1110	2111 1012	2101 1210
Ag	1000 2234	2223 3432	3344 4222	4433 2332	1422 1210	3221 1121	3123 2210
Wi	0022 2344	2234 5565	3223 3443	3223 2352	1311 1010	2211 1111	2202 2321
Ab	1112 3455	3334 5555	3323 3443	3222 3352	1421 2111	3211 1122	3231 3221
Sr	0002 3233	3224 5643	2325 4432	1223 4342	1222 2011	1110 2002	1144 1311
Ni	1002 2345	2123 4454	4212 3443	3202 1251	1301 1010	3200 0012	3101 1220
Ya							
CF	0001 3344	2224 4443	3323 3322	2212 2231	0211 1010	2100 1111	0012 2220
Ch	1101 2345	4233 5433	3343 2212	3323 1131	0400 1000	3221 1011	3223 1111
Za							
VD							
Zy							
SF	0001 5456	3445 6554	3334 3422	3303 3241	2320 0001	2222 2121	3232 3321
Tu	1101 3345	3233 5433	2343 2321	3423 2232	1310 1000	1221 0012	1222 2211
Du							
Ke							
SJ	1002 3345	3232 4533	1232 2321	3312 1243	1211 0211	2101 0121	2103 2221
Ho	0111 2455	3234 4443	2333 2201	0223 2120	0212 1000	1111 1112	0033 1211
ZS	2212 4455	4345 5653	3324 4432	2233 2341	2212 2222	2222 2012	3233 3312
Hu	1002 4555	3123 7643	2122 3421	3211 3431	1102 2221	2100 2221	2212 3321
Ap	1112 3456	4334 4523	2333 2221	1222 2122	1222 1111	2111 1022	1123 1222
Ku	1113 3455	4444 5552	2323 4432	2202 2342	1210 1110	2212 1011	2112 3311
Pi	0122 4446	4343 5503	2223 3333	3302 3233	2200 3221	2200 4142	2101 4321
CT	1223 3345	2344 5543	2223 4331	2023 0131	1143 3000	1123 1201	1233 3321
Wa	2112 3444	3235 4553	2324 4322	1222 2231	2221 1111	1221 1112	2112 2112
Am	2222 2334	4345 4433	2323 3212	2332 2122	1222 1001	2211 1022	2233 2212

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1940

	1	2	3	4	5	6	7	8
Go								
So	1123 3230	0011 0001	2113 3244	4122 5676	7434 3143	1211 1232	0011 3122	1000 0001
Le	2232 2220	1221 1102	2232 3233	3332 3666	5432 2232	2221 1232	2123 2112	2111 1121
Do	2223 2120	0122 0002	3222 2233	3332 3676	3313 2240	2200 1232	2222 2012	2000 0000
Me	0177 4211	0244 3100	2456 5211	1432 5333	1354 3110	2335 5101	0233 2100	0356 5300
Si	0254 4110	0144 3000	2336 4220	1332 5433	2365 4111	2234 1010	0145 5010	0113 3010
Es	2232 2120	1222 1002	2232 2222	3332 3454	3423 3231	2222 2222	2133 3112	2110 1011
Si	2233 3230	0232 1002	3233 3233	3332 4654	5333 4332	2222 1232	2233 2022	2111 1111
RS	2233 2120	0122 0002	2232 2233	3332 4554	3323 3231	2211 1232	2123 2111	2000 0010
Ag	1353 3220	1352 2011	3435 2122	1431 5433	3553 2120	4223 1010	2233 3111	2010 1111
Wi	2333 3220	1232 1002	3223 3333	2332 4554	3333 2241	2222 2232	2224 3112	2110 1001
Ab	2333 2230	1232 1102	3333 2133	3332 4454	3323 3241	2232 1232	2133 3112	2111 1011
Sr	1123 3230	1123 1002	1226 3222	1332 4543	3345 4321	1133 2120	0234 3110	1002 2110
Ni	2223 2130	0212 0001	3212 2022	3322 3454	4313 3230	2211 0232	2122 2012	2000 0001
Ya								
CF	1232 2130	1212 0102	1322 2121	1231 4345	3322 2232	2110 1222	2123 3011	1000 0000
Ch	1344 1100	0242 1001	3434 1010	1331 4334	4542 1120	3212 1010	2233 2001	2111 0000
Za								
VD								
Zy								
SF	2343 3232	1213 1203	2443 2223	2342 5555	4424 3233	2220 2323	1135 4301	2003 3111
Tu	1344 2110	0243 1002	2435 2111	1331 3334	4353 2121	2222 1120	1234 3101	1011 2000
Du								
Ke								
SJ	0334 2210	2232 0001	2313 1111	1322 3333	4333 2221	3213 0011	2232 2122	2011 1200
Ho	1343 3110	0134 0011	1235 2210	0233 3333	3344 2110	0131 0010	0134 3000	1011 1001
ZS	2454 4233	2243 3202	2234 4333	4243 5442	3434 3321	3232 2321	3332 3223	3111 2211
Hu	1322 3320	1121 1111	2212 2321	1322 4552	3223 3321	2212 3221	2222 3222	2112 2221
Ap	2343 3111	1234 0011	1334 2121	2233 2333	3234 2132	2132 2121	1133 3121	1111 2221
Ku	1344 4230	1223 2001	2223 2110	1231 5453	3434 3221	1111 1210	1232 2010	1001 1000
Pi	0323 3212	2323 3233	2303 1222	2333 1512	4334 2222	2313 3022	2320 1032	2121 2023
CT	1334 2330	3232 1101	1122 0122	1222 4444	3333 3233	0033 2122	0142 3211	1021 2000
Wa	2343 2322	2122 1001	2223 2111	1222 4433	3324 3211	2211 1211	1232 3111	1111 1111
Am	1443 3121	2233 1011	1235 3122	3232 4432	3344 3122	1222 1021	2334 4121	1211 2102

	9	10	11	12	13	14	15	16
Go								
So	0113 4454	1000 0000	0000 0003	3013 4467	7663 5533	3333 2356	3322 1234	4101 0666
Le	1222 3333	2111 0000	1010 0002	3113 2347	7763 3321	3322 3224	2222 1224	4201 2444
Do	0122 3432	0000 0000	0000 0002	2023 3458	7762 3322	3323 3335	3313 2224	4200 0564
Me	0345 4210	0111 0001	0000 0001	0016 3333	6664 5322	2235 4222	2252 1212	3111 1333
Si	0335 6420	0112 0000	0000 0001	1016 3343	8776 3422	2224 4222	2242 2112	3201 1333
Es	1231 3322	1111 1100	0011 1002	3123 3345	6553 3221	3323 3324	2222 1233	4211 2453
Si	1222 3432	1101 0010	0001 0012	3133 3456	5653 4422	3333 3334	3333 2343	4211 2654
RS	0121 3332	1000 0000	1000 0002	2023 3446	5653 4422	3322 3325	3223 1233	4212 2554
Ag	1344 3330	1200 1120	0000 1112	2025 4335	7763 3322	3222 3243	3332 2333	3201 2433
Wi	1231 3423	1001 0000	0010 0003	2034 3345	6552 4422	3322 2224	2223 1234	4211 1544
Ab	1232 3322	1111 1101	1110 1102	3134 3346	4553 3332	3332 3335	3323 2233	4212 2553
Sr	0223 5320	0001 0001	0000 0001	1124 4354	4345 4322	2223 4223	2231 1222	3210 1544
Ni	0211 3322	1000 0000	0000 0003	3013 3345	4552 2322	3322 3325	3323 1233	4201 1544
Ya								
CF	0211 2321	0100 0100	0100 0002	2013 3345	3431 2222	2211 3224	2211 1133	2200 1443
Ch	1344 2110	1200 0001	0000 0002	2025 3345	6653 2223	3322 3123	3332 1232	3211 1322
Za								
VD								
Zy								
SF	1332 3431	1102 1111	0011 2003	3135 4356	5542 3232	3232 4445	4332 1343	3221 3654
Tu	0434 4210	0101 0010	0000 0001	1025 3343	3553 2322	3333 3133	2242 1233	3212 1433
Du								
Ke								
SJ	2322 2110	0201 0011	1011 2012	1034 3355	5664 3321	3332 2244	1122 1232	3212 2533
Ho	1333 4121	0011 0000	0100 0010	1134 3355	5564 3322	2333 2133	1231 1132	1202 2223
ZS	2443 3433	3112 0211	2221 1112	2236 4444	4453 4534	3433 4323	3333 3333	2332 3533
Hu	2323 4541	0101 2221	1001 2112	1024 4654	4532 5532	2322 3443	2122 3432	3212 3532
Ap	1332 4121	1201 0111	2110 1111	1134 3355	6464 2332	2333 2133	3232 1133	3211 2333
Ku	1422 2310	0101 0111	1211 1012	2145 3444	5343 5512	3323 3224	2332 1233	2302 2533
Pi	2322 2313	0111 0332	1120 2123	2034 4566	5553 0322	3332 4424	2122 4442	3213 5644
CT	1333 2331	0331 1100	0133 2002	2134 3346	3443 3433	2332 3333	2232 3333	1232 3543
Wa	1223 2211	2111 1112	2211 1112	2135 3344	5353 3422	3323 3323	3432 1322	2222 2533
Am	2432 4220	2101 0011	1110 0111	2134 2234	6552 3222	3333 2133	2421 1122	3312 2322

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1940--concluded

	17	18	19	20	21	22	23	24
Go								
So	2001 1466	3122 1002	1011 3211	0010 1257	5224 4237	5444 4056	4354 5152	1010 1125
Le	2111 2454	3021 1012	1112 2111	0011 1225	5243 2126	3444 3155	3334 3132	1020 1114
Do	2101 1465	3021 1002	1001 2121	0000 0125	5224 3227	4444 3155	4334 4141	2000 1214
Me	1101 1333	1012 1000	1044 1101	0000 1113	2166 5203	2566 6224	2576 6211	0231 1210
Si	1000 1342	2013 2011	1131 1110	0010 2223	2255 4122	2457 6133	2477 6121	0241 1111
Es	1101 2454	3121 2112	2112 2122	1011 1224	4343 2224	4443 3144	3334 2132	1021 1113
Sl	1101 2454	3121 2013	2122 2121	1021 2334	4344 3126	3444 3165	3444 4142	1130 2223
RS	1011 2464	3122 1002	1111 2111	0001 1234	5343 3025	4443 3155	3333 3142	1000 1114
Ag	1100 1443	2211 1012	2033 1221	0010 2324	4345 3225	3465 4243	2566 3221	1241 2111
Wi	1001 1454	3012 2013	1012 2011	0001 1235	4233 3224	4444 3255	3344 3142	1010 1134
Ab	1211 2455	3121 2112	2133 2222	1122 2334	5343 3225	4554 4255	3344 3231	1121 1124
Sr	2100 1434	2112 3002	2123 2212	1011 2324	4345 4113	3346 4144	2355 5232	1121 1222
Ni	1101 1464	3122 1013	1111 1122	1011 1234	5323 2125	3433 3055	3333 2141	1010 1124
Ya								
CF	1100 1445	2111 1012	1111 1112	1121 2233	2332 2323	3433 3243	3332 3221	1020 1122
Ch	2100 1443	2211 1021	2123 1022	1011 1214	4334 2125	3355 4143	3555 3111	0230 0121
Za								
VD								
Zy								
SF	1221 2555	3131 1202	2033 3202	1133 3244	4443 3435	4444 5464	4453 3321	1030 1221
Tu	2100 2533	2111 1011	1133 2122	2122 1324	3344 2223	3455 4234	3465 3111	0230 0122
Du								
Ke								
SJ	2102 1443	1012 1012	2122 2121	1022 2324	4333 2124	3344 2143	3443 2211	0111 1223
Ho	1000 1333	2212 1011	0133 2222	1022 2224	3353 3224	2435 3332	2554 3221	2121 1111
ZS	3222 2443	2222 3113	3343 3222	2332 3334	3464 4323	3555 5343	3334 5322	1232 2221
Hu	1101 4653	2102 2221	2132 4332	2122 3534	3334 3432	3333 5343	2334 4331	0110 2331
Ap	2201 2234	2112 2022	2232 2223	2222 3334	4454 3222	2425 3243	3444 3223	1121 1122
Ku	2101 1332	2101 1022	2122 2221	2333 3324	3454 3222	2345 4143	2333 4222	0020 2222
Pi	2102 5553	2012 3313	3122 4322	1222 3545	4433 3324	3334 4254	3333 3031	1020 3133
CT	2322 2433	2332 2111	1231 3212	1232 2323	3354 3224	2344 4243	3253 2221	0123 1221
Wa	2111 2332	2122 2111	2132 2222	1232 3324	3355 3222	2335 4243	3344 4222	1121 2221
Am	3211 2333	2222 2112	3233 2112	2232 2224	3454 4122	2345 4133	3454 4122	1221 1122

	25	26	27	28	29	30
Go						
So	2114 6666	5444 3411	2211 3345	0010 2125	4334 6657	4312 3343
Le	2114 7655	5433 3321	2111 2343	1111 1113	3333 5546	3312 2333
Do	2014 4775	4422 3431	2112 2443	3323 3444	4333 6546	4402 3343
Me	1046 7632	3477 4321	2033 4212	0101 2102	1565 6443	3334 3321
Si	1136 7732	2465 3321	1031 4211	0012 3002	2566 6543	3333 3321
Es	2124 5534	5342 3321	2122 2333	0112 1114	2334 4445	3322 2333
Sl	2124 7754	5333 3521	2122 4433	0111 2224	2444 5545	4322 4443
RS	2124 6554	5433 3421	2111 3443	0111 2223	2444 5545	3222 3343
Ag	2125 5533	4565 3321	3132 4212	1112 1223	2656 5435	5324 3322
Wi	2234 6555	4443 3421	2112 3442	0011 2223	2433 4545	4323 2343
Ab	3225 6545	5443 3421	2112 3343	0112 2114	3444 5545	4323 3434
Sr	1115 7754	3364 4421	2221 5323	1111 4213	2434 7534	3214 4432
Ni	2124 6555	5432 3420	2011 3433	0111 1124	2424 5545	2222 3343
Ya						
CF	2114 6543	4442 3410	2001 3233	0010 1113	2333 4345	2313 2433
Ch	2015 6533	4554 3321	3121 3212	0101 1003	2555 4435	4324 3222
Za						
VD						
Zy						
SF	2135 6554	5554 3521	2011 4144	1002 1004	3445 5556	3333 3434
Tu	1124 5632	4464 3322	2122 3211	1111 1103	2555 3434	3324 2322
Du						
Ke						
SJ	2114 4443	3444 2210	2012 3212	1112 0012	2544 4333	4123 2212
Ho	2223 5533	4453 3210	1111 3000	1001 1013	2523 4323	2223 2322
ZS	1235 6554	4433 4523	2232 4433	1232 3224	2555 5534	3223 5322
Hu	1113 6753	3322 4531	2112 3321	1102 3323	2334 5543	2112 4332
Ap	2133 5533	3453 3221	2211 3221	1222 2114	3423 3333	2333 2222
Ku	1124 6553	3432 4420	2122 4321	1121 3203	2534 6523	3312 4322
Pi	1114 4624	4421 3320	2101 3242	0203 3024	3441 3413	4223 4033
CT	1235 6543	3333 3421	1134 3123	0123 2202	1333 5344	2223 3222
Wa	2234 5542	2332 4421	3222 3322	1121 2213	2434 6433	3232 4322
Am	3223 5532	4343 2221	2221 4102	2211 2103	3433 5444	3223 3222

**Interpolated ° From Z-trace only

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1940

	1	2	3	4	5	6	7	8
Go								
So	3212 2145	5423 5555	3213 3455	1201 2542	3221 1233	1001 1131	0010 0000	0000 0010
Le	2222 2134	3323 3434	3213 2434	1211 2441	3221 1132	2101 1121	2110 0000	0000 0010
Do	2322 2234	4433 3554	3223 3444	2200 2440	3211 1242	2100 1031	2000 0100	0000 0020
Me	1345 2222	3437 4423	2115 4323	1233 4221	0442 1011	0112 0100	0001 0000	0000 0000
Si	1434 3122	2326 4323	2115 3222	1143 4221	1442 2111	1123 0010	0001 1000	0000 0000
Es	2322 2233	3324 2334	3213 3324	1321 3332	3222 2222	2112 1121	2111 0000	0000 0000
Si	2223 2344	4324 4554	4224 4434	2213 3451	3231 2332	2211 1232	1011 0000	0000 0020
RS	2222 2144	3324 3554	3224 3434	2212 3441	3212 1231	2211 0121	2011 0000	0000 0010
Ag	2533 2333	4435 3324	4103 3323	2443 3331	2431 1112	1312 1121	3000 1210	0000 1221
Wi	2223 2244	3324 3455	3214 4445	1222 3442	3221 1232	2101 1121	2110 0000	0011 0010
Ab	2322 2233	4324 2444	3213 4435	2322 3442	3322 2232	2211 1122	2111 1101	1100 0010
Sr	2235 3332	2322 6434	3215 3424	1114 4331	1222 3321	2101 1101	1001 1000	0000 0000
Ni	2212 2244	3314 3544	3213 3434	2201 3441	3211 1232	2200 0121	1000 0000	0000 0010
Ya								
CF	2213 2232	3314 2334	3203 3423	1212 3331	2310 2222	1200 1011	1000 1000	0000 0000
Ch	2533 1133	4325 3324	4213 3214	2443 2131	2331 0012	2202 0112	3000 0000	0000 0100
Za								
VD								
Zy								
SF	2333 3233	4335 4434	4324 4434	2231 3441	2233 2332	2222 1111	1213 3110	0011 0110
Tu	2434 2132	4325 3324	3214 3223	1333 2121	1331 1012	2201 1111	1001 0000	0000 0000
Du								
Ke								
SJ	1313 1122	3324 2323	3103 2203	1222 2121	1222 1111	1101 0021	1000 0000	0001 1210
Ho	0223 1222	2324 2223	2113 2212	0112 2211	1222 2101	1110 1112	0001 0000	0100 0000
ZS	2232 2331	3324 4432	2215 3422	2223 4331	2322 3321	2222 2122	1322 1101	2212 1022
Hu	1112 3341	3213 5543	2102 4322	1221 3331	1222 3322	2201 3321	1000 2111	0003 3210
Ap	1123 2122	3323 2323	2213 3222	3212 2221	1222 2212	2111 2121	1111 1011	2101 1011
Ku	2222 3331	3323 3432	2214 4423	1213 3331	1222 3311	2211 2111	0111 1000	0101 1110
Pi	2222 2123	3313 4404	4312 0344	1320 2112	2321 1232	2200 3122	2111 1022	0202 2012
CT	0142 3222	3224 3333	1113 3322	2213 1231	1122 1121	0332 2210	0112 1000	0221 0100
Wa	2222 2332	3334 4433	2214 2322	2223 3232	2222 2222	1222 1112	1122 1111	2121 1112
Am	3323 2222	3334 3323	3323 2313	3222 3321	3321 2211	3122 0221	1211 0022	2201 0002

	9	10	11	12	13	14	15	16
Go								
So	0112 3104	2201 1542	0011 0335	5112 2532	4112 1232	3012 3544	3200 2446	4312 1122
Le	0122 2113	1212 1332	1012 0224	3121 1322	3213 1232	3112 2443	2111 3334	3212 1121
Do	0232 3214	2202 2422	2111 0325	3122 1433	4122 1232	3122 1232	2201 3444	3222 2232
Me	1354 5110	1222 1432	0121 0113	2132 2312	3135 1111	1125 5442	1001 3332	1134 3211
Si	1243 5111	0213 2422	2121 0113	2131 3412	2113 1111	1124 4432	1120 3222	2124 3211
Es	1222 3112	1222 1422	1112 1223	2122 2322	3223 1122	3122 3444	2111 3333	3213 2221
Si	0123 4113	2222 1432	2122 0334	2223 2533	3233 1333	3123 3554	2201 3543	3223 2222
RS	0122 3114	1212 1422	2011 0224	3222 2422	4223 1232	2122 3554	2201 3443	3323 1121
Ag	1323 3231	1212 1331	1220 1113	2121 2331	3212 2131	2214 4433	1001 3334	2345 2211
Wi	1233 4214	2302 2421	1111 1224	3112 2421	4213 1133	3113 3443	2111 3344	4222 2212
Ab	2233 4213	2332 1432	2112 2324	3222 2332	4323 2232	3122 3544	2111 3334	3223 2321
Sr	2244 5112	1212 1322	1121 1213	2122 3412	3324 1221	1124 4343	2201 3334	3224 3111
Ni	1222 3213	1302 1421	2111 0224	3122 2422	4222 1232	3112 3454	2101 3444	3212 2221
Ya								
CF	1123 3221	1212 1421	1111 0213	2111 2322	2112 1222	2013 3443	2211 3333	2222 2212
Ch	1323 3212	1222 1422	2221 0123	3232 2322	4224 1221	2123 3443	1112 3334	2334 2221
Za								
VD								
Zy								
SF	2224 4221	1332 1631	1213 0124	2132 2422	2234 2212	3233 4654	2143 4444	2234 2211
Tu	1233 3221	2323 1423	2222 0123	3222 3332	3213 2121	1213 3442	2102 3334	2234 2212
Du								
Ke								
SJ	1323 2221	1323 1321	1211 0223	2221 1312	3204 1121	1113 3422	1002 2223	2223 3312
Ho	3353 3232	1312 2222	2121 1123	2122 2212	3223 0010	0123 3322	2101 3234	2223 3111
ZS	2352 4323	3423 2531	3333 1233	2332 3423	3334 1322	1343 3342	3212 3333	3333 2311
Hu	3323 4332	1323 3752	1212 2343	2112 4532	3212 3321	1123 4542	2202 5344	2222 4532
Ap	2343 2322	2312 2222	2221 1223	2122 2221	1123 1221	2113 3241	2211 3233	2222 3212
Ku	2232 4233	2423 2532	2223 1222	2222 3411	3224 1311	1123 3343	2312 3333	2224 3211
Pi	3332 0313	2422 2511	2203 2234	4213 0331	3313 2012	2222 1534	2212 1323	3322 0332
CT	3223 4321	0313 3421	1233 2002	2331 2321	1234 3222	1343 3433	2332 3223	1332 2110
Wa	2233 4223	2423 2422	3232 1223	3232 2412	4333 2222	3233 2442	3222 3333	3333 2222
Am	2343 3123	3432 2222	2332 1024	4332 3212	3333 1221	3333 3343	4311 3224	3223 3222

**Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1940--concluded

	17	18	19	20	21	22	23	24
Go								
So	1100 2124	4111 0110	1100 0104	3313 6776	6543 4463	4433 5532	4002 4465	2211 2243
Le	1101 2123	3211 1110	2101 1002	3334 4755	4553 3342	4333 4422	3112 2354	2221 1144
Do	2210 2123	4212 1120	2200 0003	3223 5856	5533 3453	4233 5422	3001 3354	2211 2254
Me	1012 3231	0011 2001	2102 3000	1347 7644	4566 6433	3256 6422	2135 5433	2322 2111
Si	0111 3211	1003 2000	0022 1011	1336 8643	3667 5433	3245 6522	2133 5422	2232 3111
Es	1101 2133	3112 2220	2101 2113	3224 4655	3544 3353	3233 5322	2112 3354	2221 2133
Sl	1110 3233	3213 2231	2101 2013	3334 6755	4544 4453	4333 5522	3122 4465	3222 2344
RS	1111 2223	3212 1210	1101 1003	3334 5755	4534 4453	3232 4522	2012 3354	2211 1244
Ag	1001 3222	2212 2210	2001 2112	2436 5444	5544 3433	5334 4322	4123 3333	2223 2332
Wi	1111 4334	4212 2220	1101 2113	3234 5655	4534 4453	3233 5522	3112 4464	3211 3244
Ab	1101 3233	3212 2221	2111 2113	3234 5655	3533 3354	3233 5422	3122 3454	2221 2243
Sr	1111 4322	2103 2110	1113 3002	2226 6754	3445 5543	3234 7522	2123 5443	1222 3132
Ni	1100 3134	3212 1110	2100 1003	3233 5755	3524 4453	3223 4422	3112 3454	2211 2144
Ya								
CF	1101 3233	2212 2220	1102 2013	3225 4554	3433 3354	3222 4322	2112 3444	1110 1122
Ch	1110 1122	3112 2101	2011 1123	3336 5444	4544 3333	4334 4322	4122 2334	2222 2122
Za								
VD								
Zy								
SF	1111 4134	2212 2111	1111 2114	3235 5655	4544 4355	4343 5432	3113 4555	1122 3132
Tu	2111 1111	1102 1110	1111 1122	3335 5435	4545 3332	4343 5311	3123 2333	3222 2122
Du								
Ke								
SJ	0002 3311	2102 1110	1002 1223	2225 4544	3333 3232	3332 3321	3022 3323	2201 2222
Ho	0011 2112	1102 1001	0012 1012	2335 4334	3554 3231	3232 4112	2123 2322	2120 2131
ZS	3322 3222	2312 2121	3232 2113	2435 5534	3635 5433	3233 5424	2234 5443	2322 2211
Hu	1112 3422	2212 2321	1102 2223	2232 6654	3323 5441	3232 6532	2122 3443	2212 3333
Ap	2211 2122	2112 0111	1113 2122	1334 4434	3454 3342	2222 3132	3223 3333	3211 2232
Ku	1222 3121	2212 2110	1211 2012	2335 5533	3435 4432	2223 5411	1223 4443	1122 2111
Pi	2101 2122	1213 0301	0200 2023	2333 4514	4334 2231	3332 3322	3223 0333	1213 0033
CT	0232 2012	1112 3210	1233 3202	2224 3553	2233 4253	2223 4332	2232 4343	1033 2011
Wa	3222 3122	2222 1122	3212 2122	2344 5543	3445 4332	2333 5421	2333 4333	2212 2112
Am	2221 4112	3212 2003	2222 1122	3345 5544	3443 3323	3333 4213	2223 4322	3221 2023

	25	26	27	28	29	30	31
Go							
So	1222 2434	0222 2054	2201 3312	1101 1056	5332 2455	2444 3464	6442 4652
Le	2232 2333	1213 2042	2322 3212	2122 2045	4332 1343	1353 2342	5322 3442
Do	2222 2323	1223 2053	2312 3302	3012 2145	4312 2344	2343 3452	5322 4550
Me	1355 3321	0435 4122	1232 5311	1333 2114	5454 2332	2466 5533	3353 3432
Si	0254 3311	0424 3121	1222 5210	1243 3123	3444 2321	1564 4343	3333 3521
Es	2233 1333	1223 2042	3322 3312	2222 2144	4322 1343	2353 3343	4332 4432
Sl	2232 3433	1223 3153	3222 4422	2123 2155	4333 3454	2454 3453	4432 4541
RS	2232 2433	1212 2053	2212 3302	2122 2155	4322 1344	2453 3453	4332 4441
Ag	1354 3322	1424 2232	2222 4320	1414 2234	5533 2333	2474 3444	6342 5431
Wi	1122 3433	1223 3153	2212 4422	2122 2156	4413 2344	2453 4453	4322 3442
Ab	2332 1333	1323 2143	3322 4312	2123 2145	4322 1344	2453 3454	4333 4442
Sr	1134 4431	0314 3032	1122 5311	2332 1222	3234 3433	2451 4543	3433 4432
Ni	2232 2423	1323 1152	2201 4312	2101 1155	4312 1354	2453 3453	4332 4442
Ya							
CF	1233 2232	0213 2131	2211 4301	1212 2234	4322 1243	1352 2343	3322 4441
Ch	1354 3322	1424 1122	2222 4211	2333 2124	3533 2333	2564 3344	6342 4322
Za							
VD							
Zy							
SF	1244 3433	1333 2231	2220 5412	2223 2244	5433 2454	2463 4355	4432 5552
Tu	2353 2211	0314 2122	2321 4211	2233 2224	3433 2333	3563 2344	5433 4422
Du							
Ke							
SJ	1143 2201	1213 0111	1213 3211	2332 1235	3423 1332	2552 2344	4432 3321
Ho	2233 2212	2223 1112	1133 4103	1132 2225	3234 2333	1353 3424	4524 3233
ZS	2242 4322	2434 4131	2333 4322	3333 2324	3323 3433	3464 3555	4623 5443
Hu	2233 4542	1223 3332	2213 4332	2222 5333	3322 3433	2432 4534	3332 7543
Ap	2333 2222	1123 2222	2233 2222	2222 2135	4244 2333	2353 3235	4434 3333
Ku	1332 3311	1234 3131	1222 4311	3223 2124	2222 2332	2454 3444	4423 4332
Pi	2233 3332	0111 3042	1203 2323	2211 3335	4413 2234	2533 2213	5533 5423
CT	0022 2331	1222 3321	1233 4211	2233 2113	3213 2342	2354 2334	3433 4542
Wa	1232 3311	1123 2132	2233 3311	2232 2224	2232 2322	2453 2444	4423 5322
Am	2333 3213	1224 2122	2222 4323	2222 2143	4433 2332	3453 3333	3434 4332

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1941

	1	2	3	4	5	6	7	8
Go								
Co								
So	1210 3564	3200 3302	1000 1034	2211 0110	0000 0100	4432 1231	0111 1653	2111 0125
Le	2121 3444	3201 2212	1011 1124	3211 0100	0011 1111	4432 1121	1112 1542	2121 1123
Do	0111 2554	3200 3303	1001 2134	3221 0100	0000 0210	4333 1221	2111 1643	3211 0124
Me	1320 3432	2002 3211	0010 0011	2334 0100	0011 0110	4663 0121	0131 0331	1122 1001
Si	0320 3432	1001 1110	0011 1011	2324 1110	0012 0210	2553 1131	1133 1431	1133 1112
Es	1221 3343	3212 2212	1012 1124	3211 1210	0002 1212	3343 2221	1122 1432	2122 1123
Sl								
RS	1121 3454	3212 3302	1101 1034	3211 0100	0011 1211	3343 1222	1112 1642	3221 2114
Ag	0320 3443	1110 2320	1000 2222	2323 1110	0111 1211	4442 1231	1221 1322	2322 1223
Wi	1211 4554	2211 3202	1111 2124	4222 2200	0012 1221	3443 3221	2211 0553	3122 1114
Ab	1222 4443	4212 3202	2121 2134	3322 1111	1112 1322	3443 3232	2122 2543	3221 2223
Sr	2321 5533	1212 3212	2110 2113	2223 1201	0001 1221	3343 1222	2121 2542	2122 1222
Ni	1211 3453	3211 3302	0000 1034	3210 1100	0001 0221	3333 2231	1122 1642	2211 1114
Ya								
CF	2122 3443	3212 2202	1011 2024	4201 1100	0101 1211	3342 2121	1121 1532	2211 0123
Ch	1320 2334	2211 2221	1110 1223	2322 0110	0011 1222	4442 1232	2122 0232	2321 1123
Za	0000 5543	3010 3302	2000 1223	3122 0210	0012 1211	3233 1222	0022 0542	2012 2123
VD								
Zy	2121 3533	3222 3222	2220 2113	3332 0200	0112 0222	3343 1222	2222 1542	2220 1123
SF	2232 4443	4222 3̈301	2133 2013	3332 1222	1012̈ 2333	4454 3332	2234 0553	2233 2314
Tu	1331 2233	2221 2211	1010 1023	2222 1101	0011 1222	3543 1232	1232 1332	1221 1222
Du								
Ke	2433 4543	2433 3222	1322 2233	4332 0211	1322 1322	4443 2232	2333 0543	2332 2223
SJ	1322 2333	1211 1241	0111 2333	2221 0221	0012 0322	5553 0231	2221 0322	2112 0112
Ho	1221 2332	1221 1011	1110 2012	3321 0000	0101 0222	5543 1133	3221 1334	1231 0133
ZS	3433 4533	3323 3322	1222 3223	4323 1̈2̈1̈1̈	0̈223 1̈2̈32	3̈4̈4̈4 2332	3211 1422	2222 2123
Hu	1222 3433	2112 3312	1111 3321	2221 2221	0012 1432	4543 2443	2222 2432	2111 2232
Ap								
Ku	1221 4533	1222 3211	1121 3222	3322 1200	1114 0321	2444 1231	2121 1420	1222 1112
Pi	1321 0233	2223 1233	2103 1124	3313 2031	0123 3333	5544 2313	2322 0533	2212 1233
CT	1221 3442	2222 2212	2022 2111	3212 2210	0142 1212	3334 2322	2111 2441	2223 2113
Wa	1221 3433	2222 3211	1121 2122	2322 1211	0013 1322	4454 1222	1131 1532	1232 1122
To								
Am	2321 3433	2221 2011	1221 2022	3432 0121	2112 1232	3653 1132	2332 1333	3231 0123

	9	10	11	12	13	14	15	16
Go								
Co								
So	3223 4343	4110 1334	3211 2043	1100 1213	3001 0024	1000 0023	2010 0000	1100 5601
Le	2222 3332	3211 2223	3211 2133	2101 1213	3211 0123	1000 0013	2121 0000	1012 2311
Do	2222 4243	3210 2343	3201 2143	1110 1313	3000 0114	1100 0013	2021 0000	2001 3302
Me	2144 4221	1121 3111	1103 4121	1122 3110	2021 0010	0010 0000	0211 2110	0023 3311
Si	1133 4221	1120 3211	1003 4111	0132 3110	1022 1011	1010 0000	0111 3100	0114 3411
Es	2332 3332	4221 2223	3212 2233	1211 2223	3121 1123	1101 1013	2121 1100	1011 2322
Sl								
RS	2223 4331	3211 2334	3212 2143	2210 1213	3112 0134	1100 0013	2021 1000	1011 3311
Ag	2343 3431	2111 3212	3213 2232	2320 2122	4222 2021	0021 0222	1322 1121	1032 2422
Wi	2223 4332	3112 2233	3312 3233	2222 3213	3111 0123	1112 1013	2122 1110	1132 3412
Ab	2333 3432	4211 3234	3312 3233	2221 2223	3221 1123	1111 1113	3131 2211	2112 2322
Sr	1233 5331	2221 3221	2223 5132	1212 3321	2111 1132	2110 0012	1112 3110	1214 4423
Ni	2213 4332	3211 2233	3212 3143	2110 1223	3101 0134	1001 0013	2011 1000	1001 2312
Ya								
CF	2213 3231	3212 3233	3212 2133	2211 2213	3001 0023	1000 0013	2011 1100	1000 2301
Ch	2343 3332	2121 2222	3223 2122	2221 1121	3012 0022	1121 1012	2322 1120	1122 3322
Za	2122 4432	3022 3333	2222 3133	2011 2323	3011 0124	1010 0023	3022 1121	0012 4412
VD								
Zy	2232 4331	2232 3332	2123 4232	1222 3333	2111 1232	1231 2012	1123 3110	0223 4423
SF	1432 4422	4013 3124	2134 3142	1212 222ä	ä1̈1̈2 2034	1120 0113	3131 2210	2123 2422
Tu	1233 3321	2111 3321	2222 2122	1232 2121	3011 0112	1010 0021	0222 2110	2123 2212
Du								
Ke	2343 4442	2332 3332	2324 3333	2332 2322	3013 2222	2323 2022	2233 1121	2343 5533
SJ	1133 2230	2021 1232	2112 2032	1111 2122	2011 0122	0100 0123	0121 1121	2111 1123
Ho	2223 3222	2110 3111	2211 3111	1121 3021	1001 0022	1010 0021	0122 2021	1122 2213
ZS	3233 4332	2332 3322	2223 4232	2223 3331	2212 2232	2121 2122	1233 3222	2333 5534
Hu	1133 5543	2112 3442	2212 4343	2211 3443	2111 2453	1111 2232	0122 3221	2211 3532
Ap								
Ku	1221 4331	2121 2321	1122 3232	1112 2322	2101 0122	2111 1122	1223 2111	2312 5523
Pi	1233 0313	2212 1312	0212 4402	0303 3333	3101 3322	2200 0013	1133 3021	2202 1423
CT	21ä4 5321	32ä2 3223	2232 3131	0112 2212	2112 2222	1233 2112	1132 3210	2121 3323
Wa	2332 4231	3222 3321	2223 3232	2221 2322	1111 1122	2111 1021	1122 2111	2212 3423
To								
Am	3333 3232	3222 2132	3223 3133	4232 3122	3211 1112	3121 1014	4333 3112	3323 3423

ä Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1941--concluded

	17	18	19	20	21	22	23	24
Go								
Co								
So	6323 5667	5433 2556	5232 4535	3223 2236	1200 0021	0011 1155	3012 5766	5243 6676
Le	6233 3655	4423 2454	4322 3425	3222 1023	1210 0022	1121 1143	3112 3544	4232 4544
Do	6233 4746	5433 2465	4233 4425					
Me	4254 7555	4465 3443	2444 4322	3332 3112	1200 1111	1021 1121	1244 5532	2467 7542
Si	4143 7633	3445 3343	2344 4322	3233 3122	1200 0111	0021 1121	1234 4642	1456 8643
Es	5233 4545	3323 2455	3333 3424	3223 2124	2210 1122	1211 1234	3133 3443	2333 4444
Sl								
RS	5333 4745	4333 2564	4332 4534	3222 2124	2200 0032	1221 1143	4122 4455	3233 5544
Ag	5244 4546	5543 3445	5333 3324	4332 2223	2300 0111	0221 1132	3245 3334	4554 5533
Wi	5333 4665	4433 2565	3333 4434	3222 2025	1221 1133	1211 2244	4133 4454	2234 4544
Ab	5233 4645	3334 2455	4333 4424	3223 2224	2311 2122	2212 1244	4133 3454	3334 5544
Sr	5343 5653	3344 3454	4244 4422	3223 3123	1311 0001	1111 1132	2134 5752	2344 7553
Ni	5222 4655	4323 2565	4233 4524	3212 2124	2300 0022	1111 0244	4122 4455	3223 5554
Ya								
CF	5232 4645	3324 2455	4223 4414	3212 1124	2200 0022	1202 1143	3103 3454	3233 4544
Ch	5243 4535	5543 3355	5333 4334	4332 2133	3300 0111	1232 1132	3244 3344	4444 5533
Za	5233 4745	3233 2555	4133 5433	3213 2124	2311 0122	1122 0234	3111 4455	3233 6644
VD								
Zy	5344 4643	3334 3464	4334 4434	3223 3123	2422 1111	1121 0222	1122 4443	3334 6543
SF	6332 5645	4324 2565	6332 4434	3221 2134	2322 1101	1121 1334	4142 4445	3333 5555
Tu	6332 3533	4554 2255	4443 3323	3333 2123	3310 0001	0121 0221	2244 3332	3444 4443
Du								
Ke	5253 5653	3423 2455	4343 4533	2332 3134	2431 1121	1222 1332	2243 5444	3335 6542
SJ	5343 4545	3322 1454	3322 2332	3222 1233	3301 1111	1021 0133	2133 2342	2333 3532
Ho	5354 3444	3343 1133	4333 2122	2222 1023	3321 1101	0121 0121	2133 3333	3343 3433
ZS	4355 4643	3333 2353	3334 5432	3223 2233	4522 1111	3232 1232	3233 5452	3333 4543
Hu	5232 6754	3322 2553	1312 3432	3212 2243	3312 3211	1222 3441	2123 4542	2223 5542
Ap								
Ku	4354 5632	2233 2352	1223 4422	2222 2133	4511 1111	0222 1221	1113 4442	3335 6441
Pi	6332 4645	3313 0443	2312 2332	3323 0223	3402 3032	2333 1352	2223 2303	3324 3532
CT	4235 5544	2224 3444	4234 3332	1244 3333	1423 1011	0132 1233	3222 5443	1224 5443
Wa	5344 5634	3323 2443	2233 4432	3222 2123	2311 1101	1122 1121	2122 4453	3343 6532
To								
Am	4354 5533	2443 2344	4333 3333	3322 2123	4522 1121	1122 1123	2233 4533	3343 5444

	25	26	27	28	29	30	31
Go							
Co							
So	3433 3556	7233 4346	2323 4555	3222 2253	3102 1204	2211 3454	1001 1100
Le	3433 3434	5223 3324	2223 3443	2112 2242	2111 1203	3211 2343	2011 1010
Do							
Me	2466 4432	3445 4322	1245 5432	3215 3221	1022 1101	1312 3221	0041 1000
Si	1355 4322	3244 4222	1154 4321	2104 3121	1122 0011	1222 3221	0031 0010
Es	3333 3334	4233 3334	2223 4444	2112 3242	2112 1213	2221 2233	1121 1111
Sl							
RS	3434 3534	5233 3335	2223 4543	3202 2343	2102 1203	3312 2343	1110 0100
Ag	3544 3434	4343 3233	2244 3433	4213 3231	3112 2102	2421 2232	2141 1110
Wi	4434 3444	4233 4335	2213 3444	3222 2252	2122 1213	3312 3343	2111 1000
Ab	4434 3434	5233 4334	2223 4444	3113 3243	2112 2213	3322 2343	1121 2111
Sr	3345 4434	4235 4323	2234 4433	3113 4232	2213 2312	2222 3211	1111 2101
Ni	3434 3534	4223 3334	2223 4544	3112 2243	2101 1203	3312 2343	2101 1010
Ya							
CF	3423 3434	4133 3324	2223 4544	2112 3242	2102 2203	3312 2343	2111 1000
Ch	3434 3334	5343 3233	2244 3333	4213 3232	3112 1212	2422 2232	2141 1010
Za	3334 3434	3123 4434	4233 5454	2123 3332	2222 1303	2101 4343	1012 2200
VD							
Zy	2334 4434	4124 3333	1323 4433	2213 3331	2113 2302	3323 4243	2111 2110
SF	4444 4433	5143 3334	3224 3445	3102 2333	2010 2322	1223 2341	2021 1110
Tu	2435 3324	5343 2223	1243 3322	4213 2221	2112 1112	2321 2232	2131 1111
Du							
Ke	2334 4535	4223 3424	1344 5443	2333 3331	2232 1212	2334 3343	2331 2110
SJ	2323 2434	4332 1232	0133 1222	3101 1230	2001 0223	2211 2231	2121 1012
Ho	2334 3322	3223 2111	1123 3222	2213 3020	1013 1002	3321 3011	1121 1010
ZS	4334 4423	3334 4423	3333 5333	2223 3322	2223 2303	2433 4342	2132 3111
Hu	2312 5442	3223 3432	1132 4542	3112 4333	1112 3322	2212 3431	1121 2231
Ap							
Ku	2334 3423	2223 3322	1222 5332	1022 2301	2223 3221	1202 3341	1111 2211
Pi	3322 4334	4223 1122	1233 3402	3202 1332	2102 1303	3212 0323	1122 2412
CT	2334 3333	3323 2223	1123 3333	2214 3232	1021 3102	1111 1221	1003 3110
Wa	2334 3422	3334 3322	1223 4333	1223 3222	2112 1213	2222 4242	1121 2111
To							
Am	3334 3332	4333 3333	3233 4333	3323 3133	2212 2113	4332 3233	3231 1122

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1941

	1	2	3	4	5	6	7	8
Go								
Co								
So	0001 1332	0010 1043	3433 3465	4101 3442	2011 3356	5343 3456	6443 3566	5423 2465
Le	0011 1221	1101 1144	2433 3234	3222 2231	2222 2344	4343 2234	4433 3444	4322 2343
Do								
Me	0122 3110	0013 2022	1556 5332	2233 3221	1224 4323	3455 4422	3564 4332	1355 3221
Si	0012 3210	0022 1021	2466 4432	1223 3121	1122 3333	3355 4231	2445 3322	1355 4221
Es	0011 2222	1111 2133	2443 3243	3222 2221	2222 2344	3333 2333	4433 4443	3222 3343
Sl								
RS	0001 1321	1001 1033	3443 3243	2212 2222	2222 2254	4343 3343	4532 4444	4322 2453
Ag	0011 2221	0012 2032	2345 2333	3222 3120	2323 3233	5444 3333	5553 3333	3434 3232
Wi	0001 3332	1111 1143	3434 3243	3223 3231	2132 2355	4344 3344	4433 4444	4323 3444
Ab	1102 3321	1112 2143	3434 3343	3322 3231	3232 3354	4343 3344	4433 4444	4332 2344
Sr	1103 4322	0013 2032	2254 4243	2222 3321	1123 4344	3344 4333	3334 4333	3334 4333
Ni	0001 2221	1110 2143	2432 3243	3212 2222	2212 3254	4333 3343	4433 4444	4322 2444
Ya								
CF	0012 2221	1100 2132	3433 3243	3212 2121	2222 3254	4343 3344	4433 3443	3323 2343
Ch	0121 2222	1122 2123	3444 2233	3222 3121	3322 3234	5444 3333	4542 3333	3434 3332
Za	1122 2232	0121 1344	2443 3443	3222 2321	2221 3344	4333 4343	3232 4444	3333 3444
VD	0001 3332	1132 2154	2433 3443	3232 3432	2122 3354	3333 4333	3433 5544	4333 4544
Zy	2121 3320	1021 2133	3344 3353	3212 3321	1223 4343	4343 4333	3334 4433	3334 3433
SF	1111 2421	1122 2154	3443 3444	3121 3222	2222 3444	4344 2435	5543 4544	4423 2344
Tu	1222 2331	1022 1022	3444 3233	2222 2311	3222 3334	4444 3222	3543 3333	3435 3322
Du								
Ke	1322 3431	2322 2242	2355 4444	2324 4332	2334 4444	4334 4443	3344 5444	3233 3444
SJ	1111 2110	0021 1232	3433 1232	3221 1111	2221 1343	3333 1232	4432 2333	3323 0331
Ho	1111 2021	1122 0140	2434 2232	1122 1111	1123 3223	3233 3222	1534 2121	3334 3210
ZS	3322 3431	1132 3243	3455 4323	2322 4223	2223 3333	3443 4333	3534 4343	3333 3433
Hu	1111 3331	1022 3331	2322 3432	2211 5442	2222 4553	3323 4430	3322 4442	2212 4332
Ap								
Ku	1202 3330	1122 2241	2344 4343	1122 3222	2123 3333	3333 3332	3344 3332	1223 3442
Pi	2111 2203	2013 2341	3433 3433	3312 2332	3212 0233	4432 1212	3321 0314	3303 1123
CT	1103 2211	2222 2243	1233 4333	2232 4121	1123 3333	3233 2314	3223 4443	3223 2233
Wa	1212 3231	2123 2132	3344 3232	2222 2212	3122 3334	3443 3233	3434 4333	3323 2342
To								
Am	2221 3221	1223 2223	3444 3233	3322 3122	2122 3334	4433 3222	3544 3432	3234 3323

	9	10	11	12	13	14	15	16
Go								
Co								
So	3231 1254	4122 2234	3110 1252	1011 1033	4124 5566	6434 2425	6433 4443	4301 2256
Le	3332 1253	3222 1123	2111 2232	2112 2112	4223 4445	4433 2323	4433 3442	4411 1134
Do								
Me	2461 1222	2232 2112	1131 2120	1111 1000	1055 6443	3357 3322	3645 4332	2212 1113
Si	2351 2122	2231 3110	1122 1010	0014 1000	1155 7442	3346 3321	2534 4222	1112 1123
Es	3321 2243	3222 2123	2121 2232	1112 2212	3223 4435	4334 3423	4333 4432	3311 1224
Sl								
RS	3332 1253	3222 2123	2111 1232	1001 1122	4223 4445	5334 2522	4433 4442	3410 1134
Ag	3441 1243	4232 2232	2120 1121	2112 2220	3145 5433	5445 3222	5635 4232	5412 2334
Wi	3331 2253	3122 2223	2111 2232	2111 2123	3233 4544	4334 3423	4334 3443	3411 1234
Ab	3332 2253	4233 2223	2121 1232	1122 2222	4233 5545	4334 3424	4434 3442	4411 2235
Sr	2232 3232	2222 4122	2121 2242	1113 1111	3232 5433	3336 3422	2434 4332	3211 2233
Ni	3321 1253	4222 2223	2110 1142	1112 1122	4123 4445	5333 2523	4423 3442	4401 1134
Ya								
CF	3332 2252	3122 2223	2111 2132	1112 1022	4123 4454	4334 2423	4433 3341	3400 1134
Ch	3431 1233	4232 1122	2120 1122	1112 2021	3344 5433	5444 3222	4534 4343	4412 1234
Za	2230 1233	3221 2232	2212 1241	1000 1233	3333 4645	4325 2523	4324 3442	2311 1334
VD	2332 2333	3232 3233	2221 2242	1322 1133	3343 4644	4335 2533	4434 3443	3322 2334
Zy	2222 2332	2122 3222	2111 2241	2222 2122	3343 5543	4335 2422	3424 4333	3322 2243
SF	3210 3334	4223 0233	2020 0131	1000 2032	4333 5645	4334 3314	5324 3443	3300 3325
Tu	2431 1321	2231 2212	2220 0111	1212 1111	3244 3433	4344 2322	3534 3331	3312 1114
Du								
Ke	2333 2333	2334 2233	3344 2242	2333 2332	4354 5643	4235 3532	3335 4432	3433 2234
SJ	2321 0142	3221 0111	1120 0011	1100 0111	2333 4333	4333 1311	4423 3231	3300 0114
Ho	1331 1121	1221 3110	1120 1010	0102 1002	2353 5323	3334 2211	2423 3221	3111 2124
ZS	2342 2322	3322 2232	3232 3232	2222 2222	4264 3544	3343 3522	3525 4532	3323 2243
Hu	2311 3442	2221 2432	1111 2433	1111 3332	2243 5553	3323 4422	3323 4542	2111 2333
Ap								
Ku	2222 1332	1133 1122	1122 2232	0112 2221	1254 3543	3244 3422	1424 4321	4311 1232
Pi	2321 1243	3222 2122	1102 2230	2212 2323	3353 2433	3323 2423	4423 1322	2210 3243
CT	0121 1123	2123 1122	1011 2220	2122 2011	4254 4534	3333 3323	3214 3333	2222 3123
Wa	3221 3222	2222 3112	1111 2131	2112 1121	2244 4533	3235 3322	4323 3332	3322 1233
To								
Am	2342 2333	2222 3223	2211 1122	2212 1124	3343 5433	3344 3322	3534 3333	3312 2123

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1941--concluded

	17	18	19	20	21	22	23	24
Go								
Co								
So	3235 3263	2121 1130	0001 1520	0211 3136	5422 5676	4534 5687	5343 5776	4434 4565
Le	3233 3243	2212 1131	1012 2420	1122 2134	4412 3645	3523 3655	4332 3456	5323 3443
Do								
Me	2556 4322	1124 3110	0011 1221	0133 3123	4224 6635	2446 6544	2265 5554	4356 5522
Si	2456 4232	1023 3121	0012 1211	0033 4232	3213 6644	2435 6543	2254 6554	2355 4522
Es	3234 3243	1122 2132	1111 1321	1112 2233	3222 4544	3433 4554	4333 4455	2223 3444
Sl								
RS	3233 3253	1111 1130	0001 2420	0112 2245	3312 4655	3433 5665	4232 4465	2223 3643
Ag	3544 2322	1213 2131	0002 1321	0134 3243	6333 4444	4635 3444	4453 4455	4454 2333
Wi	3334 3253	2223 3232	2001 2431	1122 3245	3323 4645	3424 4654	4332 4564	3223 3543
Ab	3234 4343	2212 2231	1112 2321	1212 3244	3223 5545	4434 4555	4333 5555	3323 3544
Sr	2236 4333	1112 3231	0112 1421	1132 4233	3214 6755	3435 5654	3333 6453	3335 4542
Ni	3333 3252	2112 1131	0002 2420	1112 2244	3312 4645	3423 5665	4322 4465	2223 3643
Ya								
CF	2223 3243	1112 1131	0002 2311	1113 2244	3213 4545	4433 4654	4333 4555	2223 3543
Ch	3543 3232	1223 2121	1112 2321	1134 3244	6312 5455	4534 3554	4453 3455	4444 3434
Za	2244 3353	1122 1131	0000 0421	0002 4254	4323 6745	3324 5654	3332 4555	3234 4544
VD	2235 4353	1113 3241	0222 1431	1222 4344	4223 6755	3434 5654	3332 5554	3324 4544
Zy	2335 3343	1322 2132	1111 2431	1132 4334	3233 6655	3436 6665	3343 6664	2435 5553
SF	4234 3443	2323 0021	1112 3542	2223 4344	3312 6555	4334 4665	4342 5565	3333 2545
Tu	3444 3222	2123 3122	1112 1221	1232 2233	4313 4435	4535 3543	3344 3454	2343 3432
Du								
Ke	3335 4353	2233 2232	2223 3432	2334 4334	3324 5645	3435 5654	2344 5554	2324 4543
SJ	2333 2222	1212 0121	0111 1211	1222 2233	4201 4345	2423 2443	4332 4344	2333 2422
Ho	1224 2111	0113 2011	0111 1111	1122 2233	3303 4342	2334 3333	2243 3333	2233 2221
ZS	3435 4343	3323 2222	2222 2432	2233 4333	3224 4545	3424 4443	3333 3453	3223 4522
Hu	2223 5432	2212 2331	1111 2443	2222 3443	3312 5553	2323 5653	3331 4543	2212 3432
Ap								
Ku	2335 4342	2213 2131	1211 2421	1222 3323	3313 4545	3434 5543	2223 4442	2222 4422
Pi	2223 2402	0302 2232	0201 2332	1312 1333	3311 2455	2423 2443	4331 1505	3323 1313
CT	2224 4232	0022 1111	0122 2331	1112 2232	2213 5444	2224 3454	2233 4454	2234 2334
Wa	2235 4232	2122 2121	2121 1312	2112 3223	3213 5545	2324 4432	3232 4454	3323 4433
To								
Am	2335 3222	3312 3031	2122 1422	2222 3232	3323 4444	3434 4344	3333 4443	3333 3323

	25	26	27	28
Go				
Co				
So	4223 3455	5524 3330	0001 0310	2112 1223
Le	3222 3344	3423 3231	0001 1220	3112 1222
Do				
Me	2136 6333	3334 3320	0011 0211	1113 3201
Si	1245 5232	3324 3220	0001 1111	1225 3010
Es	3223 3344	2323 2330	0001 1221	2113 2213
Sl				
RS	3222 3254	3323 3330	0011 0220	3203 1223
Ag	4434 3424	3334 3230	0111 0321	2103 2221
Wi	3212 3354	2323 3330	0001 0320	2113 2222
Ab	3233 4354	3333 3230	0011 2321	3223 2313
Sr	2234 5343	3335 4221	1011 2221	1225 2311
Ni	3222 3254	3323 2230	0000 0221	3213 1223
Ya				
CF	3222 3244	2313 3130	0001 1211	3212 1212
Ch	3334 3343	4334 2331	1111 1321	2213 2321
Za	3133 5354	3113 4331	0022 2331	2223 1323
VD	2224 5353	3323 4331	1012 1321	1224 2333
Zy	3224 5353	4325 4330	0011 1311	2224 1322
SF	4233 4455	3434 2330	1124 1421	2134 1213
Tu	2233 3343	4323 2221	0012 1212	3214 2302
Du				
Ke	3334 4342	3324 3332	2213 2321	2325 2322
SJ	3122 3232	3311 0220	0000 0320	2212 0110
Ho	1213 3222	3124 1130	0011 0001	1214 0001
ZS	3234 5232	3333 4322	2112 2323	3323 1223
Hu	2121 4532	3312 2341	1112 1521	2223 2421
Ap				
Ku	2213 5231	3233 4220	1011 1211	1323 1221
Pi	3232 1313	3412 2230	0101 3330	2222 3021
CT	2113 3233	2124 3220	0111 0210	1124 3222
Wa	3333 4232	3323 3321	2222 2221	3323 2211
To				
Am	3333 3323	3224 3212	2111 1122	4324 2013

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1941

	1	2	3	4	5	6	7	8
Go								
Co								
So	3687 9987	6444 3566	6324 4752	6445 5567	7643 6667	5322 3541	3113 2356	5302 3265
Le	2666 8897	6333 2445	4323 3541	4444 4435	5532 4445	4223 2441	2212 1244	4312 2244
Do								
Me	2677 8875	3566 4433	3235 5431	4467 6634	4646 6334	3445 3321	3225 1233	3222 2222
Si	3689 9976	4466 3533	3335 6532	4455 5523	3634 7434	3444 2332	2123 1232	3322 2111
Es	2466 9997	5334 3444	3323 3641	4334 4435	3332 4455	3233 2341	2212 2344	4313 3335
Sl								
RS	3576 9997	5344 3544	3333 3541	4434 4536	4333 5555	3333 2451	2213 1354	3212 2244
Ag	2688 8888	5445 3444	4336 4432	5445 4434	5743 4334	5444 2322	3222 2244	4202 2212
Wi	3576 9996	5444 4554	3333 3552	4334 4536	4433 4455	3333 2341	2223 3354	3212 3344
Ab	3577 8985	5334 3445	3323 4642	4335 4536	4433 5455	3333 3442	3222 2345	4312 3345
Sr	3567 8976	3466 3544	3335 4542	4444 4535	4333 6455	3334 3332	3223 2344	3422 3233
Ni	3576 9986	4344 2544	3323 3541	4424 4535	4322 5555	3323 2450	3212 1355	4302 2244
Ya								
CF	3568 9875	4333 2443	3323 3541	4334 4535	4323 5444	3223 2441	2211 1344	4313 3244
Ch	3689 9976	5434 3434	4334 4433	5445 4434	4633 4334	4344 3332	3222 1244	4312 2223
Za	3666 9987	5344 3444	3223 3541	4423 4535	4322 6554	4222 2441	2110 1344	3220 4334
VD	2677 9997	4444 3444	3334 4541	4434 3635	4333 6554	3333 2431	2222 2444	4222 3334
Zy	3666 8976	4344 3443	3324 5442	4444 5535	3433 6343	3333 3431	2333 1444	3322 3333
SF	3676 9986	5424 3555	4341 4441	5445 5636	5443 5555	4234 2550	3102 2355	5322 3344
Tu	2688 9976	3444 2433	4324 3432	5444 4434	4542 4333	4444 3333	3223 1234	4322 2213
Du								
Ke	2776 9996	5554 4444	3445 5542	4445 5635	3454 6454	4354 2432	3343 3354	4333 3334
SJ	3676 9654	6323 2423	3323 3332	4333 3334	3421 4333	3223 0331	2212 1234	3211 2012
Ho	2597 8755	4444 2222	2324 3332	4443 3324	3333 3222	2334 2112	2223 2133	2322 2132
ZS	3797 9875	5454 4333	3324 4532	3444 3423	4533 6443	3443 3331	3223 3444	4323 4332
Hu	3576 9985	3223 3343	2322 3542	3333 5534	2423 4333	3332 3421	3223 2353	3221 3322
Ap								
Ku	1798 9985	3343 3324	3324 3531	3324 3332	3424 6444	2233 3331	3223 2344	4323 3232
Pi	3667 9985	7335 3333	3422 4312	3423 4323	4421 3334	4221 3421	3222 1035	4221 2223
CT	1776 9776	5443 3444	3113 4532	4224 4525	4423 4344	3234 2331	3123 2344	4222 2233
Wa	3687 8995	3245 2344	3224 4332	3334 4534	3322 6444	3333 2332	2223 1333	3221 2333
To								
Am	3678 9986	4354 3333	3334 3433	4344 4424	4433 5333	3233 2332	3233 1233	3422 2232

	9	10	11	12	13	14	15	16
Go								
Co								
So	5222 1256	4310 1232	3001 1157	2102 3245	2212 1376	7555 6468	3344 4355	4111 2121
Le	4221 1244	3321 1222	2221 2245	2112 3324	3222 1354	8545 5457	4233 3344	3211 2120
Do								
Me	3352 1212	2422 1010	1212 2123	1001 4233	2430 0233	7677 8445	3464 5333	3221 1010
Si	3252 1122	2422 2110	1212 2133	1001 4222	2220 0234	6678 8434	2344 4322	2122 2110
Es	3122 1243	3231 1222	3122 2235	1112 4324	3222 2333	6445 4355	3334 2334	3111 2220
Sl								
RS	4222 1244	3211 1232	3221 1145	1012 3324	3222 1334	5555 5465	2334 2344	3211 1120
Ag	6332 1224	3420 1121	2211 2135	2101 3223	2410 1335	7777 5446	2455 3333	3312 2010
Wi	3222 1244	3321 1222	3212 3245	2102 3324	3312 2344	5455 5465	3344 3343	3111 2110
Ab	3121 2244	4321 1132	3111 2245	2113 4424	3312 1343	5546 5455	2344 3344	3211 2220
Sr	3242 2234	4312 2221	2212 2134	3212 4334	3321 0344	4466 7445	3344 3332	3223 3010
Ni	4221 1344	3201 0232	3101 1145	1113 3324	3212 1344	5545 5465	1333 2243	3211 2120
Ya								
CF	4222 1244	3211 1122	3101 2144	2012 3224	3211 0243	5545 4355	2333 3233	3211 1120
Ch	5332 1234	3422 1131	3211 2135	2211 3323	3321 0344	5666 4445	3444 3244	3322 2120
Za	3211 2344	3221 0232	2020 2245	1121 3343	2231 3453	4444 6555	1233 2343	3012 2010
VD	3231 2344	3211 1331	2222 2245	2222 3343	2332 1345	4445 7555	2343 3343	3211 1110
Zy	3321 2344	2321 1222	2322 2244	3322 4333	2323 0344	5455 6455	2344 3333	3222 2110
SF	4123 4255	4331 1332	3233 2345	2133 5433	3333 3455	5446 5456	3334 3345	3220 3021
Tu	4242 1234	4422 2121	2112 2135	2211 3323	3321 1334	5655 5335	1333 3223	2322 1121
Du								
Ke	3243 2344	3233 2232	1143 3335	2343 4424	2444 2344	5447 6555	3344 4343	3212 3221
SJ	4120 3123	2310 0021	2101 1225	2102 1433	2220 1144	5455 4334	2333 3222	3201 1120
Ho	2232 1133	3222 1111	1211 2224	2112 3213	2211 0223	6554 4234	2233 3222	2212 0110
ZS	4232 2324	2221 2233	2323 3234	3332 5433	3322 1343	6556 6534	1344 4333	3323 2222
Hu	3221 2321	2310 2321	2210 2333	2112 4443	2211 2443	4444 4443	2222 3432	2101 2231
Ap								
Ku	2222 2233	1210 1221	1211 2233	3221 5334	3312 1333	5456̈ 5̈543	1343 3232	1211 1111
Pi	4210 1223	2422 2001	3211 2345	3121 0404	2312 1334	5544 4324	3233 0313	3101 3232
CT	3222 2343	3301 2212	2102 2244	2122 4322	3342 2243	4336 4445	1233 3233	2122 2211
Wa	3232 1233	2211 1331	2111 2224	2211 3233	3321 1233	5455 6444	2214 3233	2112 2112
To								
Am	3342 1133	3212 2112	3202 2233	2312 3122	3221 1233	4456 5334	2344 3222	3222 1111

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1941--concluded

	17	18	19	20	21	22	23	24
Go								
Co								
So	0110 2112	2011 0105	2114 5455	6445 4666	5544 4475	5545 4675	3223 3447	3222 2356
Le	1221 2122	3111 0214	2123 5434	5433 4535	4433 3364	4434 3654	3222 3435	3212 1334
Do								
Me	0021 1111	2010 0113	1037 7433	3456 6433	4566 5344	4665 6343	1334 3334	2114 2221
Si	0021 2110	1011 1112	0126 6432	2366 5533	2445 5343	4546 6332	1133 3333	1023 1221
Es	1222 2112	3011 1223	2123 4334	4333 4534	3333 4464	4434 3665	1223 3435	2222 2334
Sl								
RS	0221 2122	3011 0114	2123 4444	5343 4635	4333 3463	4433 3664	2222 3545	3212 1334
Ag	2321 2112	2111 1224	1124 5443	6354 3444	5454 4344	5534 3443	3443 3445	3311 2332
Wi	1221 2122	3111 0214	2113 5443	4333 4534	4333 3363	4433 4663	1232 2535	2112 1334
Ab	1221 2212	3111 1214	2223 4444	4343 4545	4333 4464	4433 3654	1223 3535	3222 2334
Sr	1131 3111	1121 1123	2225 5433	3345 6533	3435 4453	3435 5443	2133 3434	2223 3313
Ni	0211 2122	3011 0114	1113 4444	5333 4645	4333 3464	4533 4664	2212 2535	2222 2334
Ya								
CF	1211 2111	3111 0114	1123 4344	4333 3534	3333 3354	4433 3653	2222 3535	2222 2224
Ch	2321 2122	3221 1124	1224 5443	6344 3444	4454 3444	5534 3444	3343 3444	3322 2333
Za	0221 1102	2100 0214	1133 5553	4232 5634	3233 4454	3423 4553	3011 2545	2211 1324
VD	0032 2111	2121 0224	1234 5552	3344 5634	3344 4454	3434 4553	3212 2545	2222 2333
Zy	3121 2111	2131 1113	2234 5533	3344 5433	3445 4443	4334 4453	2213 2434	3222 2323
SF	1222 2201	3122 3115	2334 4444	4342 4535	3234 4365	3442 3454	3122 3546	3132 1333
Tu	1221 1211	2221 0113	2224 5434	4444 3434	4454 3353	5534 4433	2333 1325	2222 2333
Du								
Ke	1322 2112	1223 1214	2445 5543	3444 5534	2444 4453	3434 4452	2232 3545	3223 2433
SJ	0111 1000	1110 0124	1223 4333	4232 2423	3433 3033	4433 2323	1221 2323	2220 1223
Ho	0021 2001	1120 0123	1243 4332	2334 3323	3334 2142	3433 3223	3233 2324	2213 1111
ZS	3233 2211	1220 1224	2345 5543	3454 5423	4344 4443	4435 4432	3343 2432	3323 3333
Hu	1102 3221	1221 2323	1234 5642	3232 4443	3332 4543	3432 3442	1211 3543	1211 2321
Ap								
Ku	2221 2101	1121 0123	1235 5532	2343 5422	2334 4343	4334 4431	1112 2422	2202 2323
Pi	1112 2022	1221 3215	2333 3433	4232 4323	4332 2354	4432 3413	1022 3414	1220 3243
CT	1122 2212	2212 2214	1234 4333	3233 3434	2233 3254	2333 3343	2222 2334	1212 1223
Wa	1011 2110	1011 0113	1112 5433	2234 4333	2234 3342	3334 5433	2223 2434	2122 2322
To								
Am	2332 2102	2111 0022	2334 5323	2344 4333	3333 3242	4444 4322	2233 2223	2113 2222

	25	26	27	28	29	30	31	
Go								
Co								
So	1212 2232	1110 1001	0200 1000	6334 6887	6533 3577	6545 5677	6656 5455	
Le	1212 2232	1111 1111	0011 1111	5324 5776	5423 4477	5543 4689	8744 4433	
Do								
Me	1356 2122	1132 0010	0000 0010	2347 6654	3445 5344	5575 6765	7777 7432	
Si	0234 1121	1233 0010	0001 1002	2227 7643	4344 5444	3556 6866	5668 6321	
Es	2212 2232	1121 1211	0000 1122	4334 5555	4333 4465	3443 4668	7645 4433	
Sl								
RS	2212 1242	2111 1011	0001 0011	5334 5665	4333 3565	5443 4668	7535 4433	
Ag	1323 2232	1330 1121	0000 1112	4335 5566	5443 3455	5664 4678	8777 5333	
Wi	1112 2142	1111 0011	0001 1112	5435 5565	4342 3465	4343 4667	6446 4444	
Ab	2223 2232	2211 1121	1122 1122	5435 5655	4432 4466	4443 4667	7556 5433	
Sr	1224 2222	2222 1112	2101 2121	4335 6765	3344 5555	3444 5766	6556 5443	
Ni	2212 1232	2110 1011	0001 1011	5425 5655	4332 3565	4333 4667	6535 4433	
Ya								
CF	2222 1132	2111 0011	0001 1011	5334 4654	4322 3465	4333 3667	6435 4333	
Ch	1223 2122	2331 0120	0001 1012	4435 5555	5443 3355	5543 3667	6656 5333	
Za	1212 2231	1211 1000	0221 2021	4245 5554	4222 3566	4243 4666	5535 3332	
VD	1123 2232	1112 1110	0000 1012	4345 5565	4332 3556	3344 4666	6535 4433	
Zy	2113 1131	0200 0010	0000 0012	4335 5554	3333 4454	4434 4646	4546 4432	
SF	2124 3321	1232 0000	0001 0222	5445 5566	4433 4466	5452 3667	6655 4422	
Tu	0323 1221	1331 0111	0000 0111	5535 4555	4442 3344	5553 2654	6656 4332	
Du								
Ke	2133 1232	2332 2221	0232 1123	4446 5654	4332 3555	4453 4756	5556 5433	
SJ	0212 0021	1221 0001	0010 0021	5433 4554	4323 2354	4334 3565	5535 4332	
Ho	0123 2011	1211 0011	0001 1012	4335 4552	4343 3233	4444 3465	5655 4333	
ZS	2344 2122	2321 1121	1221 2023	4556 5643	3433 3444	4455 5645	5546 3432	
Hu	0212 3331	1210 1120	1010 2221	5334 5664	4212 4544	3333 4656	5424 4532	
Ap								
Ku	1223 1121	1111 1111	0000 1112	3557 5632	4423 3434	4454 5645	3535 4322	
Pi	0211 3211	0210 3231	0010 2013	5534 4555	4323 3445	4433 3676	6524 3442	
CT	1124 2222	1210 1110	0002 1011	4335 5564	3322 3355	3343 3556	6536 5433	
Wa	2122 1122	2111 1111	1111 2111	4335 6554	4323 4444	3345 4656	5446 4342	
To								
Am	2223 2122	2212 1002	1111 1012	4435 5554	3434 3443	4454 4664	5556 5333	

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1941

	1	2	3	4	5	6	7	8
Go								
Co								
So	3112 2224	4213 4335	3422 5545	3212 1003	2122 1114	3211 1224	0012 3266	6212 3235
Le	3112 2223	3121 3324	4412 2333	2221 1103	2121 1213	3331 1113	0012 3346	5112 2223
Do	1000 0213	3000 2205	3311 3243	2101 0102	3221 2224	3321 1123	1112 3357	3112 2232
Me	1102 1112	2233 4213	2432 2322	2223 1001	0230 0111	1420 1112	0026 4223	4111 3222
Si	0002 1102	1132 4112	2422 2311	2223 1001	0112 1111	0411 2121	0014 3222	2012 3122
Es	3112 2223	3221 2323	3312 2333	2121 1113	2121 1213	3222 1213	0023 3345	4123 2333
Sl								
RS	3112 1213	3122 3224	3311 2343	2121 0013	2122 1214	3312 1113	0113 3355	4112 2232
Ag	2301 1223	4232 2222	5622 2223	3222 1112	1331 1212	3411 2233	1223 2234	4212 2123
Wi	4102 2213	3212 3224	3321 2343	2221 1111	1111 1203	3310 2113	0012 3355	4111 2223
Ab	3112 2213	3212 3234	3322 2343	2222 1113	2121 1213	3311 2213	0113 3345	4112 2333
Sr	2113 3312	2233 4113	2323 3433	2223 2002	1231 1211	2221 3223	1113 3233	3222 3223
Ni								
Ya								
CF	3112 2223	3221 2223	3312 2243	2111 1002	1011 1113	3201 1012	0112 2244	4112 2223
Ch	3301 2113	4231 2222	5522 2233	3232 0012	1331 1112	3422 0123	1223 2234	3222 2124
Za	1112 2323	3122 3234	3221 3543	2222 1112	2313 2122	3212 1112	1122 2334	2112 1122
VD	2002 2303	3112 4234	3222 2443	2112 1001	1111 1112	2201 1112	0003 3335	3112 1133
Zy	2222 2303	3022 3113	4322 3432	2022 1001	2032 0112	3122 2122	2324 3344	3223 3133
SF	3122 2124	4230 3234	2331 3324	3220 0113	2222 1213	3410 2412	1044 3346	5233 1233
Tu	1101 1113	3231 2222	3412 3331	2231 2102	1220 1101	2411 1112	0123 3233	4112 2213
Du								
Ke	2212 2323	3233 4224	4213 3443	3133 2111	2332 1222	2213 2123	2234 4335	5323 3243
SJ	1200 1122	3231 1122	3411 1231	2220 1011	1120 0012	3322 4232	0131 3244	4221 3013
Ho	0212 1021	1232 3112	3323 2312	1122 1001	0221 1001	1121 3011	0134 3233	3112 2112
ZS	2211 2303	2223 4212	4423 3432	2222 1123	2222 1122	2312 2123	1235 4333	3212 1233
Hu	2102 3322	3122 3322	3311 3432	2121 1211	1110 2322	3311 1322	1122 4442	3211 2332
Ap								
Ku	1112 2201	1022 4212	2322 2433	1122 0100	2221 1121	1311 0122	1125 3324	2212 1132
Pi	3101 2332	3231 1333	4400 1132	3220 0021	2122 3033	3420 1123	0032 3354	4112 1114
CT	3213 3213	2221 3233	1333 2223	2232 0012	2223 2112	3332 1212	1234 3345	4222 2122
Wa	1112 2311	2112 4223	2212 3442	2222 1111	1111 1112	2211 3212	1112 2133	3211 2232
To								
Am	2212 2101	2232 3123	3323 3322	2222 1012	1221 1101	1321 3223	1124 2232	2222 3122

	9	10	11	12	13	14	15	16
Go								
Co								
So	5432 5422	2253 3666	4333 3354	4434 3313	3111 1212	0111 1100	0002 2211	4103 4210
Le	3332 3311	2232 3545	4233 3333	3323 3222	4111 2112	2210 1110	0001 2212	3103 3210
Do	2333 4422	3333 3555	3223 3344	3323 3312	3111 1212	2012 1100	0002 3222	3113 3200
Me	3543 4311	1364 3433	3577 3232	3545 5221	2021 2111	0231 0021	1000 1223	3106 5121
Si	2433 3221	1253 2433	3455 2222	3633 3221	1022 1000	0231 1000	0001 1112	3105 4111
Es	3433 4422	2233 3444	3343 3333	2333 3322	3111 1212	1211 1200	0112 3323	3103 3211
Sl								
RS	3433 4411	1243 3555	3233 3333	3333 3212	4101 1112	2111 0000	0002 2223	4104 3100
Ag	3433 3222	2452 2434	4464 2333	5643 3222	4220 1112	2220 1111	0001 2224	4114 3212
Wi	3432 4421	1232 2555	3344 3243	3433 3213	4121 2212	2220 0000	0012 2223	3113 3211
Ab	3433 3422	2342 3445	3344 3333	3333 3323	4111 1213	1221 1200	0022 3323	4113 4111
Sr	3343 4322	3243 3544	3345 3233	3434 3322	2213 3201	1222 2000	1102 2212	3224 3111
Ni								
Ya								
CF	3432 3221	2232 2445	3233 3333	3333 3212	4110 0012	0211 1100	0001 2223	3112 2111
Ch	3432 3222	2452 2435	4454 2333	4543 2222	4221 1122	2221 0010	0111 2124	4224 3211
Za	3223 3421	0142 1444	2243 4232	2323 2222	2122 2111	1122 1001	0012 2112	3224 4111
VD	3322 4421	2243 2544	2344 3242	2323 3321	2000 2111	0001 1000	0000 0223	3124 4100
Zy	2332 4321	2242 2544	3344 3233	3333 3320	1022 2110	1231 1000	1213 3333	3214 4111
SF	4433 4422	1241 1454	3343 3343	3434 4222	4131 2323	1132 2300	1132 4324	3235 3311
Tu	3333 2322	2353 3435	3455 2232	2543 3212	3221 1011	1220 1000	0102 2223	4224 3001
Du								
Ke	3433 4432	2153 2545	3355 3333	3434 3321	3332 2211	2333 2120	1232 3223	3225 4122
SJ	3323 2121	1242 2335	3333 2131	3433 2012	3110 0001	1220 0000	0002 2223	4223 3101
Ho	2333 2232	1233 2334	2344 2121	1433 3121	2012 1000	0001 1010	0121 2223	3324 3012
ZS	3422 4431	2252 2334	3454 2332	2423 3322	3212 2211	0323 1001	1212 3333	3325 5212
Hu	2221 3431	1221 3454	2331 3432	3322 3222	2110 1111	1220 2110	0101 3333	4212 3221
Ap								
Ku	2422 4411	2252 1334	3354 2221	3324 2322	2111 2111	1111 1000	0112 3223	2215 4111
Pi	3321 2332	2322 3415	3432 3132	3422 3112	3210 2223	1211 3200	0120 3323	4223 1202
CT	3323 3321	1242 1443	3344 3222	2433 3112	2211 1211	0111 1200	0012 3223	2125 3100
Wa	2332 3311	2142 1434	3234 3322	2233 2211	2112 2211	1111 1000	0001 0012	3114 4111
To								
Am	2433 3222	2253 2334	3344 2222	3543 3200	2112 1100	1221 1011	0101 1022	4204 4122

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1941--concluded

	17	18	19	20	21	22	23	24
Go								
Co								
So	1122 2211	5113 3318	4554 4355	3232 4246	4322 3263	0111 2222	0001 1011	1134 6666
Le	1222 2221	4113 3225	3553 3434	3222 3234	3221 2231	0120 2222	0001 1221	1135 7665
Do	0122 3322	4103 4225	3553 4343	3232 4334	3312 2231	0110 2213	0000 1121	0135 7666
Me	1113 2211	3012 4213	2775 4323	2152 3223	3332 2121	0320 1113	1003 3101	0077 7554
Si	1023 2212	3231 4133	2775 3322	2141 2122	3222 3121	0330 1111	1002 2010	0167 7544
Es	1223 3322	3213 4235	3553 3443	3223 3333	3222 3231	0221 2222	0002 2222	1145 5554
Sl								
RS	1122 3312	4113 3225	3553 3444	3132 3233	3222 3230	0020 1222	0001 1011	1145 5665
Ag	1322 2222	4222 3234	3675 3323	4241 3233	4421 2221	0331 2213	0001 2221	1156 5566
Wi	1122 2311	3113 3335	3553 4343	2132 3234	2221 3230	0220 2222	0012 2121	1245 5565
Ab	1222 3322	4213 4235	3553 3444	3332 3333	3222 3241	0121 1212	1111 1122	1146 5555
Sr	1222 3323	4222 3324	3464 4432	2232 2223	3233 3121	1221 1222	1113 3111	2246 7664
Ni								
Ya								
CF	1212 2311	4112 3225	3542 2243	3122 3233	3221 2231	0111 1222	0001 1011	1135 5656
Ch	1322 3322	4222 4234	3664 3333	4241 3234	4322 2232	0331 1223	1101 2022	1246 6555
Za	1022 2211	3112 3324	3442 2344	2121 2223	2221 2231	1221 1221	0002 1011	1145 6764
VD	0222 3312	3112 4425	3433 3443	1130 3223	2222 3232	0030 1221	0001 1001	0145 6654
Zy	2312 2321	3321 3325	3443 3342	1231 2223	3222 3121	2121 0210	22$\overset{\circ}{0}$2 2111	2245 5553
SF	1122 2322	4223 4435	4561 4445	3231 3334	3222 3241	0222 1211	0002 2111	2156 6664
Tu	1122 2223	4222 3125	3654 2322	3232 2323	2321 1121	1330 1122	1101 1012	0256 5644
Du								
Ke	2323 3322	2222 4335	3554 3343	3342 3233	3121 3231	3132 1222	2123 2022	2356 6654
SJ	1111 2322	3212 3125	2553 3223	3233 2112	3212 1122	0332 2111	0002 2011	1245 5554
Ho	1122 2213	3111 2025	2453 4222	1123 1112	2232 1121	0221 1112	0101 2211	1245 5442
ZS	2233 3322	3123 3333	2543 4332	2342 3223	3332 3222	0332 1222	2323 2122	1366 4654
Hu	1121 3421	3203 3244	2342 3442	3222 4322	2211 3221	1320 3322	1101 2111	1245 6653
Ap								
Ku	2123 2321	2010 3322	2343 4341	2123 3223	2221 2120	0211 1211	1002 2012	2346 4652
Pi	0111 3422	3213 2125	2443 0313	4221 2133	3203 1222	0322 0122	0100 0002	1246 5545
CT	1133 3311	3322 3224	3342 1233	1132 2222	2222 3131	2211 1111	0012 1101	2235 6554
Wa	2122 2213	3221 2324	1343 4232	2231 1122	2221 3120	1110 0112	0102 2001	1145 5654
To								
Am	1222 1202	4221 2124	2463 4331	2232 1122	3222 2122	2220 1121	1112 2111	1245 5643

	25	26	27	28	29	30
Go						
Co						
So	7554 3566	3324 3333	4011 1132	2313 3466	6412 0001	2201 0100
Le	6443 3444	4323 2313	3011 1221	2321 2444	6532 1001	2211 0100
Do	6434 4545	4424 3313	2011 1232	2312 2435	7321 0001	2201 0200
Me	5876 3333	3457 2212	1122 1011	2425 4334	5542 0001	1110 0001
Si	4765 2222	2535 1111	1032 0000	2223 3233	4331 0000	0110 0000
Es	5444 3443	3324 3323	2111 1221	2312 3443	4432 1002	1111 0110
Sl						
RS	5443 2544	3314 2213	2010 1221	2312 2444	5332 1001	1210 0100
Ag	7665 2433	4435 2223	2121 1211	2323 2345	6321 1101	2211 1210
Wi	5444 2543	2324 2223	2111 1212	2321 2444	5332 2001	2211 0100
Ab	5434 3444	3325 3323	2122 1221	3312 3443	4331 1012	2211 1211
Sr	3464 2333	3335 1223	2132 2212	1323 3434	5331 1112	2311 0001
Ni						
Ya						
CF	4433 3433	3324 2223	2011 0111	2301 2343	5320 0001	2200 0100
Ch	6554 2433	4435 2123	3121 0112	2323 2244	5332 1001	2211 0111
Za	1444 2443	2223 2112	1011 1111	1212 1444	4321 1101	0211 0010
VD	4344 2443	2324 2202	1010 0000	1312 2444	5220 0000	1200 0000
Zy	4444 2332	2342 2212	1222 1011	3313 3333	4431 1001	2201 0000
SF	5444 2444	3325 0222	2110 1121	3433 2344	5433 0001	2210 0000
Tu	5554 3323	3435 1211	1121 0001	2331 2233	5430 0001	0210 0100
Du						
Ke	5354 2443	3335 3222	3221 2111	3324 2455	4343 1010	2222 2100
SJ	5433 1323	4324 2112	2010 1000	2422 2243	4331 0001	1211 0000
Ho	3554 2312	2324 0101	0012 0020	0322 3333	5412 0001	1221 0012
ZS	4454 3332	4434 2212	2222 1011	2224 4443	5332 0000	2212 0002
Hu	5422 3432	3322 3322	2120 0211	2323 3443	3320 0001	1211 1200
Ap						
Ku	3344 2432	1335 1112	1100 0001	2214 3343	4443 1000	1200 0000
Pi	6433 0433	4422 1223	3012 1102	2322 2244	4330 1221	1221 2121
CT	4334 2433	3324 2212	0111 1011	2223 3233	4333 1211	1101 1101
Wa	3353 2333	2324 2112	2211 1111	1122 3344	5432 0000	1211 0000
To						
Am	4655 3322	3435 1012	2222 1112	2223 3344	4332 0012	0200 0000

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1941

	1	2	3	4	5	6	7	8
Go								
Co								
So	0011 2344	1110 2124	1101 2143	0234 2333	2011 2210	1113 2251	1200 1123	0002 3253
Le	0012 3343	1211 2223	2211 2233	1343 2223	2111 2210	1122 2230	2330 1122	0002 2232
Do	0002 3333	1201 2223	2211 2032	1333 3223	2001 3210	0113 2240	1200 1122	0002 3242
Me	0001 2222	2330 1212	1441 1011	0456 3121	2034 1211	1235 5112	1520 0212	0004 3122
Si	0001 2112	1321 1101	1332 0011	1355 2100	2032 1110	0233 3020	0320 0200	0003 2122
Es	0022 3332	1222 2222	2222 2232	1343 3322	2121 3221	1113 2231	1211 1122	0112 2332
Sl								
RS	0002 2344	1101 2222	2211 1132	1344 2222	2011 3210	1013 2230	1220 1112	0002 2242
Ag	0002 2233	2322 2222	2330 2221	1454 3112	3123 2321	1133 3221	2420 2121	0003 2233
Wi	0002 2334	2220 2223	2211 1133	1333 3223	2111 2211	1223 3341	1220 1112	0002 2333
Ab	0012 3333	1221 2323	2222 2232	1344 3313	2122 3311	1113 2231	2310 1123	1112 3343
Sr	2111 2242	1221 2222	2312 2122	2334 2322	2133 2112	1333 3222	2320 0112	1123 3133
Ni								
Ya								
CF	0012 2332	1110 2212	1211 1122	1333 2212	2111 2210	1223 2131	1200 1112	0002 2232
Ch	0002 2333	2321 2122	2330 1121	1453 2122	3123 1211	1234 2131	2320 0221	0113 2233
Za	0011 2344	1211 2233	1211 2233	1344 3343	2122 3321	1223 4242	3232 2112	1123 3132
VD	0001 2343	0110 1122	1201 1132	0234 2332	2012 2210	1123 2230	0211 0011	0003 2143
Zy	1211 1243	2212 2202	1312 1221	0345 2221	0122 3111	1333 3030	0221 0011	0024 3133
SF	1112 2423	0332 0223	1333 3232	1455 3333	2233 4200	2334 2141	1322 1123	0134 3354
Tu	0002 2122	1220 1211	1321 1121	1443 2212	3123 2120	1333 2121	0320 2111	0003 2233
Du								
Ke	3323 3353	3322 2232	2331 2233	1435 2211	3332 3211	3344 3031	1222 2111	2335 4243
SJ	0002 0213	2220 0022	2220 0011	1443 3212	2112 2200	0224 1020	3311 2220	0103 3243
Ho	0101 1110	1221 1120	0212 0010	0453 1111	1031 2120	2132 2120	2231 0110	0013 3132
ZS	1112 3344	2121 2221	1211 2221	1445 2221	2223 3221	2343 3132	2221 1212	1125 4223
Hu	0002 3422	2220 3321	2221 2221	2433 2321	2111 3221	1122 3231	2320 1220	0012 3332
Ap	1101 1232	2222 2122	2322 1122	1443 2222	3131 2112	2132 2022	2431 0022	3214 2132
Ku	0002 2343	1111 1210	1211 1221	1424 2212	1132 2100	0234 3120	0021 0011	0114 3122
Pi	0003 1434	2232 0203	1222 1221	1443 2322	2012 2020	1221 2001	3320 1121	0022 2144
CT	1123 2323	1211 1223	1111 2232	0435 2323	1022 2211	2133 2131	1211 2112	0003 3244
Wa	0101 3243	0111 1212	0111 1211	0333 2211	1121 2100	1113 3110	0120 0011	0013 2132
To								
Am	1101 1223	3222 2211	2221 0010	1344 2112	2232 1011	1233 3012	1330 0112	1103 3132

	9	10	11	12	13	14	15	16
Go								
Co								
So	1222 3125	6213 3222	4113 1000	1221 1124	4212 3220	1112 3205	5022 1103	5132 4410
Le	2332 2123	4322 3211	3112 1211	1121 1122	3222 3321	1112 2213	3111 1222	3233 4311
Do	2222 1123	4223 3322	3102 1000	1110 2122	3122 3310	1111 2303	2012 1222	3223 4421
Me	3443 2112	2223 2112	2213 3001	1100 1133	2243 3211	1102 1112	2112 1112	3045 4312
Si	3333 2112	3232 2211	2113 2000	1300 0122	2221 2210	0002 1211	3112 0122	3143 3312
Es	2232 2123	3222 3322	3111 2211	1221 2222	3222 3311	1111 3313	3212 1222	4234 4422
Sl								
RS	2332 1133	4213 3312	3112 1000	1110 2122	3222 3310	1121 3212	3111 1221	3233 4312
Ag	2543 2123	4322 2212	3112 2221	2212 1233	3333 3221	1111 1323	3112 1333	4333 3323
Wi	2232 2223	3322 2222	2111 1011	1111 2133	3222 2311	1112 2323	3212 1221	4233 3412
Ab	2232 2233	4223 3322	3111 2111	2211 2223	3222 3311	2212 3323	3122 1322	4334 4422
Sr	3332 3212	3233 2223	3222 2002	1311 1133	2242 2322	2322 2122	3332 1122	3234 4413
Ni								
Ya								
CF	2232 0122	3322 2212	3111 1001	1211 1122	3221 2211	1221 2213	3122 1111	3132 3311
Ch	3443 1133	4322 2223	3112 2122	2312 1133	3333 2322	1212 1224	3222 0233	4333 4323
Za	2333 2234	3222 2222	3223 2111	1221 2233	3222 2221	2122 2212	3222 2122	3233 4422
VD	3333 2222	2223 3222	2213 2011	0102 2122	1223 2320	2211 2203	3222 1212	3133 5312
Zy	3223 2112	3133 1223	3113 2011	0211 2213	3232 2210	2212 2202	2331 1113	3133 4312
SF	3443 2224	4213 3233	4012 4310	2221 0133	3323 2323	2222 3313	3323 3223	4234 3323
Tu	3332 1223	3222 2222	3111 1002	2311 1033	4332 2211	1211 1213	3112 1122	4243 2332
Du								
Ke	3333 3222	2332 1333	2323 3121	1312 3223	2433 2211	2332 3212	2332 2223	4434 5422
SJ	3332 0222	3321 2232	2112 1001	1311 2022	3322 2211	1111 0113	3111 0122	3232 3311
Ho	3232 2122	3211 1112	2112 2000	1022 1022	2122 1121	1200 1123	2211 0111	3132 2222
ZS	3234 3323	3222 2224	3123 2022	0223 2222	2233 3211	1222 3212	1222 2122	3235 4321
Hu	3221 1222	3311 2322	2111 1111	1301 2122	3323 3311	1111 2311	1111 2221	3132 4421
Ap	2332 3223	3222 2232	2213 2022	0222 1223	3222 2122	1200 1113	3221 1112	3232 2212
Ku	3322 2020	2213 2222	2112 1010	1211 1112	1222 2200	1202 1111	2200 0010	2134 4310
Pi	4333 1212	3212 2223	2000 0121	1322 0123	3322 0121	0100 1224	3102 0114	4132 4321
CT	2332 3112	3122 2112	3011 2010	1122 2122	2212 2211	0111 2102	3112 2111	3123 2211
Wa	2111 3111	3111 1211	2102 1000	1211 1111	2222 2110	1102 1101	2111 0101	2134 4300
To								
Am	3322 3102	3222 1112	3013 2002	1200 0101	2222 2121	2212 1002	3121 1111	3234 4312

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1941--concluded

	17	18	19	20	21	22	23	24
Go								
Co								
So	1546 5335	2311 1245	2201 0111	0101 1112	3113 2456	6734 4354	3224 4466	4434 4465
Le	1444 3324	2321 2233	3311 1120	1111 1102	2122 2435	6533 4353	3323 3245	3443 3343
Do	2444 4323	2311 1232	3200 0020	0001 2202	2122 2435	6523 4354	3224 4354	3432 3344
Me	1776 7322	2212 1222	3210 0110	1010 0112	3243 1334	6557 5233	2456 5235	3554 4232
Si	1577 6222	2311 0121	2201 0000	0000 0102	2122 0333	4525 5223	2354 5224	3344 3231
Es	1443 3234	2321 2333	2220 2121	1112 2212	2132 2454	4423 4354	2223 4354	3333 3343
Sl								
RS	1443 3333	1320 1333	2220 0120	0101 1202	2222 2445	4423 4354	3223 3344	3532 2333
Ag	1475 3222	1212 1233	2201 1111	1002 1213	2232 1444	6534 3344	3355 3245	3453 3233
Wi	1542 4223	1311 1333	2200 1120	1102 2212	2233 2445	3422 3364	3233 3354	4343 2344
Ab	2443 4324	2322 2433	3211 1121	1112 2312	2222 2455	4323 4454	3334 4344	3443 3333
Sr	1556 5223	2322 1233	3421 0011	1111 1102	2243 2344	3344 3233	2233 5333	3343 3343
Ni								
Ya								
CF	1442 3223	1311 1233	2100 1010	1101 1212	3222 2345	4323 3354	3223 3344	3332 3233
Ch	2564 3223	2412 1233	3211 0121	1001 1223	3233 1355	5534 3344	3344 3345	3353 3243
Za	2545 4334	1323 2234	2222 1112	1212 2212	3233 2455	4534 4253	3244 4344	4453 4333
VD	1444 4223	2312 0234	3100 0000	0001 0101	3233 2344	3434 3243	3233 4134	3433 3333
Zy	1445 4212	1311 1112	3311 0111	0211 1111	2333 3344	4434 3243	2343 4234	2333 3233
SF	2132 4324	2111 1234	1103 2320	0103 3302	3333 2464	5534 3354	4343 4345	4444 3333
Tu	1665 3222	2421 1122	3310 0000	0101 1202	2132 2353	5524 3342	3354 3234	3332 2133
Du								
Ke	3544 4322	1322 2222	2331 2021	1122 2212	2343 3354	4354 3254	2143 4234	3443 3244
SJ	1443 3111	2312 0232	3201 1020	0001 2101	2322 1345	5324 2144	2235 4233	3433 1232
Ho	1555 3232	1322 1122	1110 0010	0002 1201	3233 2343	3334 2141	2143 3234	3333 2132
ZS	2545 4222	4432 2222	2311 1021	1212 2202	3333 3353	3434 4223	3244 4233	3443 3333
Hu	1333 3221	2311 2322	2211 2121	0012 2212	2322 2451	4323 4443	2233 4333	3332 3332
Ap	2555 3112	1322 1222	2210 0012	2001 1213	3333 3344	4334 2132	3233 3124	3343 1122
Ku	1544 4310	1402 2121	2211 0010	0001 2101	3233 2334	3223 4233	2143 3233	2333 3133
Pi	0333 2212	2312 1222	3203 1120	0003 0223	3322 2344	5323 2244	2232 2324	3333 0413
CT	1342 3323	1131 1234	1122 2000	0013 1102	2221 2343	3424 2244	2232 2344	3332 3342
Wa	0445 4211	0311 1112	1210 0000	0001 1101	1221 1233	4433 4223	1233 4234	2333 3232
To								
Am	2556 3312	2310 1113	3300 0110	1101 0011	2233 2333	4425 4234	3344 4223	3333 3332

	25	26	27	28	29	30	31
Go							
Co							
So	5233 3556	4223 2235	2112 2242	3113 2335	4312 2223	5101 2220	5312 2340
Le	4323 3244	3222 2324	2111 1332	2222 2224	3322 2212	3211 2331	4421 2332
Do	4212 3223	2222 2233	2112 2332	3112 2222	2111 2221	3201 2231	3201 2342
Me	4533 3324	3134 4122	3233 2122	1344 4212	3453 2111	3001 1321	4321 3232
Si	3343 3323	3232 2111	2223 1010	2232 3112	3332 1012	3101 1221	3122 2122
Es	4223 3233	2223 3333	2211 2332	2222 2224	3332 2222	3222 3331	4321 3332
Sl							
RS	4222 2233	3123 2333	2111 1332	2122 2213	2331 2222	3211 2331	4212 2341
Ag	5434 3234	3223 2233	2232 2113	2341 2224	3441 2223	3112 2232	3222 2322
Wi	4233 2334	3222 2334	1112 1231	2222 1223	3222 1232	3201 3231	4311 3341
Ab	4233 3234	3223 3334	2222 2333	2232 2324	3332 3322	3211 3342	4322 2342
Sr	3343 3334	3233 3224	3332 2221	1221 3322	2333 3212	3222 2332	3323 3232
Ni							
Ya							
CF	4222 2224	3222 2223	1121 2331	2122 1113	2221 2211	3100 2331	4211 2341
Ch	5323 2234	3233 2133	3232 2123	2242 1224	3442 1223	3111 2233	4332 2232
Za	3344 3323	3233 3324	2223 2232	2113 2323	2322 3323	3223 4332	4123 2342
VD	3234 3323	2223 3313	2222 2131	2212 2313	2332 2322	3101 3331	3312 2341
Zy	2333 4213	2333 2223	2222 1232	2212 2212	1332 2111	3211 3332	4323 3231
SF	2233 2235	3234 3434	2213 1323	2123 3324	2332 1322	3221 3333	3322 4431
Tu	4323 1213	2132 2111	2222 1101	1222 3113	3342 2111	3112 2322	4422 3232
Du							
Ke	3243 3223	3233 3223	1333 1231	1332 3222	1342 2211	3121 3332	3242 3341
SJ	4213 1023	3132 1131	2210 0211	2121 1223	2331 0101	3101 2322	4322 2431
Ho	2322 1213	2323 2121	1223 1133	0233 2123	1333 2021	3122 2322	3312 2111
ZS	3334 3222	2333 2233	2231 1221	2223 2222	3433 2222	4322 3332	3323 3242
Hu	4312 3323	3122 3321	2211 2321	1121 2322	2231 3221	3101 4332	4321 2321
Ap	2322 2222	2323 2013	3122 1021	1234 2024	3423 1021	3311 2213	4322 1123
Ku	3343 3212	2122 3222	1212 1121	0122 2201	1332 1212	3101 2321	2111 3131
Pi	5322 1313	3222 2012	3112 1222	2122 1123	2332 1323	3223 2402	4323 2222
CT	2233 3334	2212 1323	1122 2221	1111 1204	1233 1311	3112 3321	4312 2231
Wa	2332 3222	2222 3222	1112 2121	1112 2211	1331 1211	2111 2211	3211 2241
To							
Am	3433 3323	2233 3223	1222 2121	1234 4211	2343 2212	2111 2111	4321 2231

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1941

	1	2	3	4	5	6	7	8
Go								
Co								
So	2211 2213	1100 0000	1012 2110	0110 0001	0011 0111	0104 2110	0011 2200	0013 1200
Le	2321 2212	2110 1100	1012 1110	2111 1111	1121 1211	1123 3211	0111 2211	1123 2210
Do	2321 2212	2100 0100	1012 2220	0000 0001	1002 0211	0104 3210	0012 3200	0003 2200
Me	3341 1111	1100 0000	1002 1000	1100 0000	1111 1101	1103 2110	1020 1201	0011 1100
Si	2231 1010	2100 0000	1012 1000	0100 0000	1021 0111	1203 2121	1020 1000	0021 1100
Es	2222 3223	2111 2200	2012 2220	1111 1212	2122 1222	1113 3221	1122 2221	0123 2310
Sl								
RS	3332 2222	2100 1100	1012 2110	2110 1101	1011 2211	0114 3211	0111 2201	1123 2200
Ag	3442 1112	2210 0101	1112 1110	0210 1102	2221 0222	1103 2212	1022 2201	0022 1211
Wi	2332 2222	1100 0100	0011 2210	1110 2321	0111 1212	0103 2210	0012 3200	0023 2310
Ab	3322 3223	2111 2311	2112 2221	2211 1212	2111 1312	1213 3221	1022 2311	0123 2321
Sr	3332 2212	1221 0111	1132 1111	1211 1211	2221 0122	2224 3222	2211 1112	1133 1222
Ni								
Ya								
CF	2211 2332	2110 2212	1211 1122	1333 2212	1111 1211	0213 2111	1111 1101	0113 1200
Ch	3442 1122	2210 0101	2022 1111	1211 0322	2222 1222	2113 2222	2122 2101	0122 1211
Za	2243 3323	2221 3120	1033 2220	1022 1122	2112 2112	2224 2121	2222 2211	2223 1210
VD	2331 2112	1201 2001	1133 2200	1202 1102	2112 1122	3225 3211	2012 2311	0124 1200
Zy	2121 2011	1112 0000	1023 1111	0101 0010	1122 0120	1114 2111	1111 1101	0033 0101
SF	2322 2222	1212 1200	2122 1221	1203 0012	1121 2212	2214 4321	2122 3221	0033 3211
Tu	3341 1211	2110 1100	2022 2111	0110 0111	1121 2112	2113 2222	2130 2201	0132 2313
Du								
Ke	3222 3121	1212 0111	2043 1111	0133 1112	1221 1221	0234 3212	2122 2220	2234 2211
SJ	2331 1001	1002 0101	2023 1121	1103 0301	2220 0110	2103 1211	1121 0201	0022 1000
Ho	2232 2020	2010 0020	2021 0000	1100 0322	1120 0012	1023 2212	1021 2002	1023 1011
ZS	2432 2142	2331 1101	2133 1210	1212 2104	3232 1222	3312 3212	2331 2201	1033 2111
Hu	2231 2221	1010 1210	2111 2220	1101 1431	1111 2321	2112 3321	1020 2211	1012 2321
Ap	3422 2023	3210 0110	2022 0212	2201 1002	2221 1021	2213 2222	3220 2001	2222 1011
Ku	2231 2111	2111 0000	2011 0210	0100 0010	2120 0111	1123 3210	1121 2220	0032 1000
Pi	2332 2103	1010 3000	1012 2000	3202 2102	2102 2032	2220 2001	1132 2010	0012 1210
CT	2232 2211	1001 1000	2111 1010	0111 1012	1121 0121	1122 2100	1012 2210	1023 0100
Wa	1220 1101	2101 0000	2112 0100	1210 0001	1011 0120	1113 2211	1011 2100	0121 1100
To								
Am	2331 2010	1111 0011	1022 0101	1100 0011	1111 0011	1003 2010	0000 1111	1021 1111

	9	10	11	12	13	14	15	16
Go								
Co								
So	0004 4211	2224 6553	3323 2354	2221 3334	1245 5466	7532 3114	3434 3322	1011 1011
Le	0023 3222	2232 5533	4322 1332	2212 3332	1345 5446	5541 2224	4434 3332	2012 1222
Do	0014 4212	2233 5433	4333 2442	2211 3321	0235 5456	6421 2224	3434 3332	2000 0001
Me	0003 2111	3366 5432	5322 1222	3431 3212	1377 5346	5462 2122	5666 4221	1130 0101
Si	0003 2112	3245 5423	5432 1232	2430 3221	0378 7225	4351 3112	2565 4221	0120 1000
Es	1123 3222	2243 5534	5323 2442	2312 3431	1344 5444	4432 3234	3444 4332	2122 2221
Sl								
RS	0024 3322	3233 6533	5333 2442	2312 3432	1354 5444	5431 3124	2434 3332	2001 1111
Ag	1114 3224	3244 5435	6333 2343	3432 3322	1357 4344	5442 2133	4554 3232	0121 1212
Wi	0223 3222	2233 5534	4333 3442	2212 3331	0344 4344	4432 3234	3344 3332	1010 0001
Ab	1124 3222	2243 6634	5333 3542	2322 3432	1345 5443	4422 3234	3443 4343	2111 1121
Sr	2125 2222	2344 5433	4553 2333	3331 3222	2345 4343	4331 3113	3454 2322	3132 0101
Ni								
Ya								
CF	0003 3222	2233 4533	5332 1342	2211 2332	1344 4333	3221 2133	2333 3332	2000 0001
Ch	2214 3224	3244 5535	6443 2343	3433 3332	1456 4334	5442 2134	4554 3233	1221 1112
Za	1225 4223	3235 6533	5243 2453	2333 3333	2365 5444	5423 3224	3334 4333	2133 2111
VD	1135 3122	2234 4433	5334 3443	3232 3332	2345 5434	5432 3323	3234 3332	2221 0001
Zy	1115 3122	3234 5433	4443 2432	2232 2220	1355 4334	3231 3221	3233 4332	1021 0000
SF	1336 4211	3243 5535	6433 2553	2332 4342	0454 4534	4331 3234	4454 3343	2132 1310
Tu	3125 3334	2343 5535	6453 2332	2431 3423	2465 4433	4531 2234	3354 3223	1131 1212
Du								
Ke	2245 3132	3334 6434	4444 3443	2232 3222	2465 5443	4323 3333	3444 4343	0011 1010
SJ	0114 3113	3234 4434	4343 1342	2320 1210	0445 3423	4522 2223	2334 2233	0120 0210
Ho	0224 2122	1344 5434	5333 2443	2230 3100	1455 4333	4342 2123	3243 3132	2020 0010
ZS	2335 3132	3444 5424	5444 2432	2232 2322	2556 4434	4333 3223	4333 5343	2231 1123
Hu	0113 3322	3221 5533	4332 2431	2320 3331	1333 4433	3321 3232	2334 4332	0111 1110
Ap	2324 2023	2343 4323	5233 2243	2232 2110	2465 4342	3332 2112	4242 4233	2020 0023
Ku	1135 3122	3123 5321	5343 2332	2232 3322	1565 4333	4211 3222	1253 4232	0211 1000
Pi	0213 3103	3331 5424	5331 3343	2220 2230	0344 3444	4522 3014	3444 3323	0222 0201
CT	0124 2212	2223 4423	4233 2232	1213 3232	0353 3434	4332 2323	3443 3122	2100 2101
Wa	0214 2112	1233 5323	4332 1221	1221 2221	1456 3334	4231 3112	1254 3221	1110 1111
To								
Am	1124 2022	2244 4323	4332 1232	2230 3222	1356 4333	3342 3012	3354 3332	1021 1001

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1941--concluded

	17	18	19	20	21	22	23	24
Go								
Co								
So	0123 2366	7522 1230	0102 3235	4333 3356	5222 3223	4023 3234	3112 1212	1012 2134
Le	1112 2455	5622 2321	0112 2333	3342 3345	4231 3222	3122 3223	2212 2201	1012 2233
Do	0112 3365	6622 2320	0001 3333	3443 3345	3332 4322	3223 3223	2012 2212	0002 2333
Me	2154 4235	4441 1121	1114 3223	4565 3223	3354 2221	2155 2122	2200 1102	1113 2212
Si	1234 3343	3421 0120	0102 1222	4464 3222	3334 2111	1234 1121	2110 1111	1113 2112
Es	1123 3453	3432 3431	0112 2333	3353 3334	3232 3322	3122 4233	2112 2222	1112 3333
Sl								
RS	0113 3454	4332 3431	0102 2333	3343 3334	3232 3322	3132 3222	2112 2112	1012 2233
Ag	2234 2354	5432 2331	1122 3334	3553 2334	4342 2332	2133 2333	2202 2223	1013 2323
Wi	1112 3344	4322 3320	0001 3233	3352 2334	3222 3232	2122 3233	1011 2212	1012 3333
Ab	1122 3453	4332 3431	1112 2343	3343 3434	3332 3333	3132 3233	2112 2212	1111 3333
Sr	1234 3343	3333 2332	2112 2333	3355 3233	3333 2222	2233 2122	2222 1213	1132 3232
Ni								
Ya								
CF	1212 2352	4321 2320	1101 2233	3342 2334	3331 3222	3132 2233	1111 1111	1122 2233
Ch	2233 2353	4432 1332	1122 2234	3453 2334	3342 2232	2133 2233	2211 1223	1113 2234
Za	2233 4354	4444 3330	0112 2224	2443 3234	4233 3232	3242 3234	2233 2222	1112 3233
VD	1223 3353	4323 3321	1111 3233	3333 3334	4233 3232	3133 3233	2322 1102	1122 2233
Zy	1122 2352	3333 3320	0012 3220	3343 3223	2332 2132	2133 2133	1112 1111	1122 2223
SF	2133 2463	4432 4431	0113 2143	3454 3234	4333 2333	4132 3234	2221 2111	1013 2233
Tu	2243 3454	4433 3333	2113 2333	3463 2224	3333 2232	2234 1322	2212 2232	2123 2233
Du								
Ke	2231 3353	4333 3422	1123 2233	3442 3232	3323 2221	2233 3133	2023 1122	1233 3232
SJ	1213 1353	5333 3330	0010 1223	2353 1223	3232 2022	1033 2111	1101 2211	1012 1122
Ho	1233 3343	3332 3212	1211 2332	2344 1122	3223 1111	0133 1022	1101 0021	1013 2133
ZS	2233 2353	3343 4422	2123 2233	3353 3223	2333 2222	2233 2122	2221 2122	3233 2122
Hu	1122 3463	5332 3431	1111 2322	2341 3331	3221 3331	1132 3231	1100 2211	1011 3322
Ap	2223 2355	2442 3221	3002 2322	2434 2123	2323 1012	3243 1022	2202 0012	2112 2112
Ku	0122 2252	3433 3330	1002 2232	3242 2223	2322 2121	2232 2222	1111 1221	0112 1232
Pi	2120 2355	6443 4420	0121 2134	3352 3222	4231 1231	2031 2232	2200 0220	0020 2013
CT	2112 2343	3323 3331	1221 3212	2322 2234	3232 1131	2123 2223	1122 1211	1022 2123
Wa	0123 2134	3221 1120	0000 2212	2343 3322	3332 2221	2233 1122	1111 1211	1112 3233
To								
Am	2233 3233	4432 2121	2103 2221	3354 3223	3334 2121	2133 1002	1211 0111	2013 3212

	25	26	27	28	29	30
Go						
Co						
So	3001 2035	5211 1143	2222 3221	2112 3222	4122 2120	1112 2003
Le	2111 2123	3221 2132	2322 2121	2211 2222	4222 2221	1122 2212
Do	2100 2033	3000 0133	2322 3221	3001 3222	3222 2200	0112 2000
Me	2100 0012	4110 1013	2452 2121	2122 2123	3211 1111	1113 1002
Si	2100 1012	2201 1123	2442 2110	2023 1111	2221 1010	1112 1002
Es	2211 2223	4122 2233	3332 3221	2112 3322	3222 3221	1122 2213
Sl						
RS	1111 2123	3221 1233	2322 3121	2211 2221	3222 2221	1122 2102
Ag	2000 1123	4221 1235	2453 2221	3123 2223	3222 1322	1112 1222
Wi	2101 3123	3121 1233	3323 3112	3222 3211	2223 3311	1111 2102
Ab	2111 3223	3111 2233	3332 3222	2212 3332	3332 3221	1122 2113
Sr	2222 2012	2222 1233	2333 3121	2222 2122	2343 2111	2233 2102
Ni						
Ya						
CF	2111 2122	3121 1133	3221 3121	2211 2221	3222 2211	1122 2102
Ch	2111 1123	4221 1245	3453 2232	3123 2232	3233 2232	1212 2223
Za	2112 2032	3213 2223	3233 4132	2113 2230	2224 3221	2123 3211
VD	2202 2022	3322 2133	2333 3121	2213 2221	2323 3230	2323 2002
Zy	1222 2013	2232 1233	3323 2111	2123 2111	2133 3120	1033 1001
SF	2111 2132	3111 0144	3333 2122	2233 2332	4335 2321	1212 3013
Tu	3111 1123	3222 1134	3553 2132	3133 2312	3343 2222	2322 2122
Du						
Ke	2123 2122	3121 2134	3423 3222	3122 2212	3344 2231	1223 2122
SJ	2001 2113	3102 0033	2333 2132	2122 0122	3232 2111	1201 2012
Ho	2111 1022	1022 1133	2343 3121	1122 2022	3333 2020	0122 1022
ZS	2222 2222	3232 2233	2434 3222	2232 1222	2243 3222	3223 2113
Hu	2111 3221	3101 2233	2333 2321	2121 2322	3233 3321	1211 3212
Ap	1121 1022	2222 1023	2432 3021	2211 2022	3232 1121	2212 0113
Ku	2112 2011	1212 0123	2334 3111	2221 1121	1243 2121	1212 1111
Pi	2210 2133	4221 2233	2341 2031	3020 2132	3333 3201	1202 2002
CT	2112 2022	3222 1033	2222 2111	1023 2132	3133 2121	1013 2112
Wa	2100 1022	3111 2223	2332 3111	2112 2121	2132 1121	1111 1111
To						
Am	1111 1012	2221 2112	2332 3111	3122 2112	3222 1000	2112 2111

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1941

	1	2	3	4	5	6	7	8
Go								
Co								
So	4322 1132	2221 1101	3101 4413	0533 3476	7788 8856	3235 6666	6644 3333	2233 4441
Le	3322 2112	3321 2110	2101 3422	1432 3454	7798 9868	3234 6554	7743 2442	1223 3341
Do	1012 2112	2332 1211	0310 1232	2233 3366	9677 8967	3234 6555	7732 3442	1224 4442
Me	5332 0112	3261 1000	1011 2212	1565 5344	6799 9955	2246 6454	7777 4333	2475 4321
Si	3321 0002	2241 0000	0102 2310	1454 4243	6789 9955	3236 5464	7674 3343	2364 4321
Es	3322 2222	3322 2221	3112 3432	1433 2354	6588 8857	2234 6553	6643 3453	1233 4331
Sl								
RS	3422 2112	3321 2000	3100 3413	1433 2355	6589 9967	3234 6554	6643 2553	1233 3341
Ag	4432 2123	4241 2222	2212 3423	1653 2354	5799 9677	4335 5555	7775 2434	2344 3432
Wi	2322 2212	3323 3210	2102 3323	0433 3345	5588 9957	2244 6644	5543 3553	1232 4340
Ab	3431 2223	3331 2111	3201 3433	2443 2355	5498 9757	3233 6554	5553 3654	2233 4431
Sr	2333 2002	2231 0001	1122 3323	1543 4354	5668 8776	3334 6553	6654 3333	2354 3322
Ni								
Ya								
CF	3431 1112	3220 1111	2201 3313	1431 1345	6577 7656	3235 4454	5552 2543	1222 3331
Ch	4432 1223	3241 1212	2212 3423	1543 2354	5699 9966	3334 4555	6664 1343	2343 3332
Za	3243 2123	2233 2011	2223 3412	1543 3455	5679 9966	2244 6643	6654 3442	2233 4341
VD	3333 2123	2222 1100	2211 3413	0433 2344	5578 9777	1134 5644	5543 3342	1144 3231
Zy	3333 1112	1121 1010	1212 3302	3443 3333	5588 9553	2233 5423	5544 3442	1233 2122
SF	3433 2123	3222 3210	3330 3422	1533 3555	6588 9857	3244 5553	6661 1664	2444 4430
Tu	3433 2122	4331 2211	2212 3422	1543 2333	5677 8666	3234 4444	5664 2333	3343 3333
Du								
Ke	3332 2112	2330 1011	2332 4423	2533 2356	6599 9676	3334 5543	6654 3553	3343 3231
SJ	3321 1212	3231 0000	0202 3302	1432 1354	4468 7556	3223 3334	4553 2343	1232 2230
Ho	3232 2012	0230 0031	2212 3322	1543 2243	6677 7554	2233 3342	5553 2433	2233 2121
ZS	2333 2122	3322 2122	1322 4412	2653 3344	6589 8856	3233 4533	4544 3453	2333 3322
Hu	3321 3221	3121 3211	1201 3421	1431 2343	5558 7766	3223 4443	4442 3452	2231 4431
Ap	3233 2112	2220 0022	3211 3223	2542 2243	6677 7655	4344 4332	5553 2233	1232 2122
Ku	1222 1111	2112 2111	1201 3322	1533 3344	5688 5754	3323 5433	5643 3443	1342 2320
Pi								
CT	3333 1112	1121 2011	2111 3321	1321 1444	4578 5856	3224 4553	5454 2233	1132 2231
Wa	2322 1001	1221 1100	1211 2312	1532 2343	5589 9455	2334 5543	5442 2331	2232 3231
To								
Am	2222 1001	2231 0001	2211 2202	2432 2232	4588 9745	2113 4333	5553 1222	1242 2121

	9	10	11	12	13	14	15	16
Go								
Co								
So	1213 3326	6222 3477	3122 2120	1123 5011	1013 2111	0001 2122	1002 3101	2223 3345
Le	1112 3334	4322 3354	2232 1111	2132 3121	1012 2112	1011 2122	1112 3211	2322 3323
Do	1103 3345	5321 2466	3222 2010	2022 4110	1003 2200	0001 2123	0002 3210	2223 3433
Me	1002 3334	3262 3335	3264 1101	0155 6111	2002 1101	0220 0011	1012 2011	2443 3232
Si	1101 3223	4331 2333	3343 2000	0043 4011	2012 1011	0230 0000	1121 2011	3323 2222
Es	1123 3344	3222 3344	3232 2120	2132 3122	1112 2211	0021 2122	1022 3121	2323 4432
Sl								
RS	2102 4344	4322 3344	3222 2110	2122 3011	1002 1100	0111 1023	1011 3112	2323 3332
Ag	1212 2255	4443 2345	3333 1221	1142 4332	2012 1221	1221 0111	1122 2222	1323 3332
Wi	0113 3344	3232 2444	2223 3110	1122 3211	1122 2210	0010 1113	0122 3211	2312 4323
Ab	1113 4454	4332 3344	3232 2121	2133 3122	1112 2211	0110 1112	1112 4222	2322 4433
Sr	2212 4323	3432 2354	2423 2111	2033 3112	2123 1012	1111 1002	2112 2222	2443 3233
Ni								
Ya								
CF	0202 3344	3321 2334	2212 2100	1122 3111	1112 1110	0110 0112	1101 2122	2322 3332
Ch	1211 2245	3432 2345	3433 1122	1242 4232	2122 1122	1220 0112	1222 2122	1323 3233
Za	1233 4344	4342 2445	2222 2220	0133 4110	1012 2211	0133 2222	1022 3131	1233 3333
VD	1102 3234	3223 2344	1123 4010	0023 4010	2012 2100	0011 1002	0102 3111	2332 3332
Zy	1102 3334	3322 2233	2333 1101	1133 4101	2123 1001	1010 1002	2011 3110	2333 2322
SF	0014 4345	5343 3334	4343 1211	2232 4211	1121 3211	0023 3101	1120 3231	1422 3333
Tu	2112 2345	4332 2444	3444 2222	1143 4222	2122 1212	1221 1122	2222 2332	2433 3334
Du								
Ke	2123 3434	3344 2335	2343 2210	0343 4111	0252 3110	0232 2102	0332 3221	1432 3332
SJ	1102 2244	3221 1134	3333 0000	0132 3122	1020 0010	0000 0000	0111 1121	1322 2423
Ho	2102 3344	3331 1253	2333 0011	1132 3022	1012 0011	0011 1011	2011 1121	2322 2122
ZS	1213 4344	4432 2233	2543 2221	1132 3113	2223 1111	1233 1002	1322 3132	2432 2332
Hu	1102 3344	3231 3322	2333 2110	1132 3221	1111 1210	0110 1100	1111 3221	2322 4432
Ap	2112 2244	3321 2243	3343 2120	0043 4122	1022 1012	2210 1001	2121 2223	2321 2233
Ku	1102 3333	3431 2233	2432 1100	1123 3011	2111 0210	0011 1011	1112 3110	1421 2222
Pi								
CT	1003 3333	3233 2434	3232 1100	1022 4112	1122 1110	0021 1101	0021 3111	2322 1423
Wa	2211 4233	3221 3345	2333 2111	1132 3111	2111 1111	1111 1122	1211 1111	2222 2233
To								
Am	1002 3222	3321 2244	1333 1020	1032 3001	1112 1000	0010 0011	0101 1101	0222 2131

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1941--concluded

	17	18	19	20	21	22	23	24
Go								
Co								
So	5221 1322	4112 2121	2301 1113	2123 2231	4455 4275	5423 5414	5333 4326	6222 3323
Le	3222 2322	3112 2221	3311 2223	2222 2333	4445 3343	4422 3412	4323 3224	3322 2322
Do	3322 2322	3101 2223	3301 2213	2112 3332	2444 3342	5323 4412	3223 4223	3222 3322
Me	2351 2221	2112 2112	2110 1212	2253 2121	3577 5332	5654 4424	3576 4214	2414 2231
Si	2342 0111	2113 1111	2111 1121	2343 1122	3587 5232	3532 4413	3345 3113	2413 1021
Es	3222 2322	3112 2231	2311 2222	1222 3332	3455 3342	4323 4423	3233 3223	3222 3332
Sl								
RS	3121 1322	3121 2221	3301 1112	1222 2333	3444 2352	3323 4313	3233 3223	2221 3332
Ag	5432 2222	3212 2333	3111 1233	2433 1233	3576 3343	6533 3323	4444 2233	4413 2232
Wi	3222 2222	3122 2221	3311 1213	1122 3333	3445 3353	3323 3423	3223 3322	3212 3322
Ab	3221 3322	3121 3321	2311 2222	1222 3333	4555 3443	3323 4423	3333 3333	3322 3332
Sr	2330 1232	2222 2122	3221 1222	2243 2232	3475 4242	3433 4313	2344 3213	3333 3332
Ni								
Ya								
CF	3220 1312	3111 1221	2100 1221	1112 2322	3433 2242	3323 4313	3232 3212	2211 2222
Ch	5432 1222	3112 2233	3311 1233	2332 2343	4565 3242	5532 3424	4444 2223	3422 2233
Za	3121 2331	2121 2121	1122 1223	2232 2332	3455 3262	2334 4313	3234 5123	2312 3432
VD	2321 2321	2112 1121	2212 1113	1233 3232	3444 3252	4223 4312	2233 4113	3323 3321
Zy	1320 1222	3211 1121	2212 1101	1133 2213	3454 3232	3333 3212	3233 3113	2323 3223
SF	3242 0323	3212 1210	3410 0222	2322 3333	4563 4353	3433 3423	4333 3224	3332 4433
Tu	4331 2312	2212 2323	3211 2343	3332 2233	4565 4343	5542 2333	4444 2224	4423 2232
Du								
Ke	2232 2332	2222 2121	3133 1222	1243 2233	3554 3342	3332 3322	3243 4324	3212 3332
SJ	3221 [a]--	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----
Ho	2230 1111	1201 1021	3200 0012	0133 1122	2544 3230	3432 2202	4233 1112	1312 2020
ZS	3321 1322	2222 1133	3201 1222	0243 2223	3554 4241	3323 3313	3233 3222	3322 3231
Hu	3221 2321	2202 2321	1211 2321	1221 2332	3333 3342	4332 4422	3332 4422	2311 3331
Ap	2322 1112	2221 0022	2311 1002	1132 1023	3534 4322	3332 2122	4233 2122	3222 2022
Ku	1321 1320	2122 0121	2000 0112	1144 2222	2464 4242	3322 3312	2222 3213	2312 2222
Pi								
CT	3133 2211	2013 1111	2222 1221	1123 2222	4453 2342	3322 2212	2111 0113	2323 3121
Wa	2222 1321	2211 1132	2221 1222	2222 2222	2455 4243	3322 3322	2332 2212	3222 2221
To								
Am	2231 0111	1111 1021	3200 1001	1132 1022	2444 3223	3422 2212	3144 2002	2312 2011

	25	26	27	28	29	30	31
Go							
Co							
So	3233 3221	0010 2012	1001 1021	1001 1010	0112 1111	1112 1111	1001 1114
Le	2232 3321	1111 1122	1102 1212	1001 1111	1111 1202	1112 2111	1111 1223
Do	2332 3220	0101 1120	0000 1002	0001 1000	0100 1102	1112 2112	1001 1223
Me	2253 2101	0010 1121	1000 1001	2112 1110	1100 0100	1121 1112	2010 0023
Si	2342 1111	0010 1110	0120 1000	1112 1010	1100 1000	1130 0011	2110 0122
Es	2232 3221	0122 2211	0111 2112	1112 2110	0111 2212	1112 1112	2012 2233
Sl							
RS	2332 3221	0100 2112	0000 1002	1100 2110	1101 2112	1122 1111	1101 1113
Ag	2343 2113	0121 0212	0111 1222	2121 1212	1111 1112	0232 2223	2101 1144
Wi	2333 3220	1111 1111	0000 1102	1101 2110	1112 2102	1112 1112	1112 2223
Ab	3333 3221	1111 2111	1111 2112	1112 1121	1121 1213	2112 2213	3112 2223
Sr	3433 2112	1230 1111	2220 0111	1122 1021	2111 2011	1232 1012	2121 1123
Ni							
Ya							
CF	2332 2120	0010 1012	0000 1002	1000 2011	1100 1112	1211 0112	2011 1123
Ch	3443 2123	1120 0012	1210 1113	2122 2122	2211 1112	1232 1123	3111 2234
Za	2332 2221	2123 1022	1113 2102	2023 3010	2112 1012	2112 2111	1112 1122
VD	2333 1220	0110 2001	0100 1001	2000 1000	1000 1011	1221 0011	1111 1112
Zy	2332 2212	0110 1000	0010 0001	2101 1010	0011 1001	0112 0011	2021 1113
SF	2532 2111	1110 2202	0222 1221	11ÏÏ 2111	1222 1113	2233 0213	3122 4123
Tu	3442 1213	1121 1222	1220 1132	2122 2223	2111 1323	1242 2133	3121 2234
Du							
Ke	2443 2121	0001 1001	2001 1001	2322 2121	1011 1012	1222 1122	2223 2223
SJ	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----
Ho	2432 1001	0210 1022	0000 0001	1001 0021	1001 0012	0122 0022	2011 2222
ZS	3542 3112	1132 1012	3222 1101	1221 2222	1122 2112	2223 1122	3323 2233
Hu	2331 3220	0110 2211	0110 2111	2111 2121	1101 2221	1221 2222	2111 3221
Ap	2432 2022	3121 1022	3211 0021	0212 0002	2201 1012	2221 1022	3220 1123
Ku	3542 2121	0010 1001	0032 1000	1011 1011	1112 1022	1212 1111	2121 2222
Pi							
CT	2332 1000	1111 1111	0010 1001	0001 1210	0002 1122	1112 2311	2021 1112
Wa	2333 3222	1110 1111	1100 1110	2112 1011	1111 1011	1221 0111	2111 1013
To							
Am	3322 2110	0110 1001	1010 0000	1002 1011	2101 1001	1120 0011	1210 1002

"Interpolated [a] Replacement magnetograph installed July 17-31

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1941

	1	2	3	4	5	6	7	8
Go								
Co	2233 2222	4465 6653	3435 4422	4666 6666	4422 4423	2357 5634	4345 3422	2222 0121
So	2111 2155	5535 6655	2223 1434	6657 7777	7511 4445	2343 3457	7333 2324	1111 1110
Le	1122 2233	4434 4544	3332 2433	5755 7777	7623 3333	2343 3437	6332 2323	2121 2221
Do	1122 2233	4423 4562	2231 2424	5745 7677	6302 3344	1342 3446	6432 2323	1011 2221
Me	1133 1113	4476 6633	3434 3111	5777 9746	6531 3333	2355 3436	5455 3322	2222 0011
Si	2123 1122	4356 7631	2543 2111	4778 9756	6311 2223	2244 3324	4434 3222	2222 0020
Es	1122 2233	4344 4444	2332 2423	4654 7656	7523 3333	2233 3434	4333 2323	2422 2221
Sl								
RS	1122 2233	5434 4433	2331 1424	4655 7766	6423 3243	2342 3435	4333 2333	1011 1111
Ag	1112 1244	5555 4523	3432 1223	4666 7457	6421 2334	2243 2445	4333 2333	2121 1131
Wi	1133 3243	4445 4543	2332 3534	5544 7666	5443 3433	2344 3434	5432 2323	2222 2122
Ab	1122 3343	5445 5433	2322 2423	5654 6555	6323 2343	3233 3434	4333 3333	2111 2221
Sr								
Ni								
Ya	1232 1223	3355 5543	2333 2223	4566 6765	5422 2332	2354 3443	4433 2322	1222 0112
CF	1111 1232	5433 4423	2321 1423	4553 6555	5322 1233	2232 2334	4322 2223	2011 0110
Ch	1112 2235	5555 5434	3432 1223	5655 6455	6421 2334	3343 3335	4423 2333	3221 1132
Za	1221 2233	3344 4432	2344 3464	5656 8765	5223 2234	3243 3344	4322 2423	2233 2110
VD	2233 2233	3345 5533	2333 2433	4656 8665	5323 3343	3353 3344	4433 2423	2332 1112
Zy	0132 0133	3345 4532	2333 1313	4556 6754	3322 2233	2143 3333	3333 1311	1121 0001
SF	2333 3333	5543 6522	3132 1423	6665 5655	5243 2334	4233 2225	5422 3333	1022 2010
Tu	3122 3245	4455 4433	2443 2323	5665 6565	5422 3333	2342 3424	4533 2334	3222 1221
Du	2132 2233	2444 5433	1322 3423	5545 6665	4442 2333	2443 3333	4333 2333	3332 2221
Ke	1353 1243	3344 5423	3333 2424	4656 7665	3132 2243	3243 3333	4343 1323	1021 1110
SJ	0012 0233	4344 3223	2321 0013	4534 4455	5310 1333	2332 2333	4522 1322	2221 1220
Ho	0133 0122	3334 4322	1233 1022	4654 5344	4311 1132	1322 1224	2233 1222	1112 0121
ZS	2321 1233	2345 4532	2442 2323	5656 6565	4233 2232	2343 3432	3332 1333	2332 0120
Hu	1011 2331	3333 5422	2331 2322	4544 6554	5312 3332	2231 2433	4321 3322	1221 1220
Ap	2333 0033	3345 4322	3223 2122	4644 5344	4532 1223	2222 2214	3233 2132	2112 0022
Ku	0133 1232	3444 4523	1333 3313	5656 6554	4223 2331	1241 4432	2222 0322	2211 0111
Pi								
CT	1022 2132	4333 5333	1133 2222	4556 6544	5232 2334	2233 3225	3323 1323	1122 3100
Wa	1222 1223	3344 6532	2223 2323	4447 7555	4221 2243	2343 3344	4333 1323	2222 1112
To								
Am	1033 1111	2344 5422	2333 1202	4655 5443	3222 2232	3232 3224	3233 0113	3221 0011

	9	10	11	12	13	14	15	16
Go								
Co	1100 0110	1000 0012	3242 2111	2202 3112	2225 2211	3322 2111	2100 1101	1000 2111
So	0121 1102	0000 0001	2122 2242	2212 2203	3222 2214	3321 1111	2001 1100	0011 2120
Le	1022 2111	2101 1111	3122 2232	2211 2112	2222 2313	3321 1211	2111 2110	0012 2121
Do	0011 2102	1000 0001	2122 2232	2302 2202	2222 3323	2222 1111	2001 2100	0001 3020
Me	1000 1100	0000 0012	3251 1122	2112 1212	2324 1111	2310 0111	2110 0100	1000 1000
Si	1100 0110	1000 0002	3231 1121	2112 1212	2224 1111	2310 0110	2111 1000	0001 1000
Es	1111 2111	2112 1012	2122 3232	2222 3223	2222 2323	1322 2221	2112 2210	1112 3221
Sl								
RS	0111 1001	2100 0002	3122 2232	2211 2112	2222 2323	2331 1111	2010 1100	0001 2120
Ag	0100 1122	2100 0212	3222 2333	2121 2222	2223 2222	2310 1222	3111 1110	0001 2111
Wi	0122 1002	1000 0002	2223 4332	1212 2223	3212 2222	2222 2210	2103 3100	0012 3120
Ab	1111 2112	1001 1012	2123 3332	2212 3213	2222 3323	2322 2221	3101 2211	0002 3111
Sr								
Ni								
Ya	1211 1121	1212 0012	3242 2232	1233 2222	2334 1222	2321 1221	3221 1101	1311 3221
CF	0111 1001	1000 0002	2112 2222	2212 2213	1121 2323	2321 1111	2101 1100	0011 2021
Ch	0110 2121	2100 0013	3232 2233	2222 2223	3333 2222	2321 3111	3111 1111	1001 2111
Za	1111 2001	0001 1001	1122 2132	2223 2213	2123 2223	3222 2021	3113 2100	1011 2121
VD	1222 2112	2122 2112	2233 2232	2222 3213	2223 2333	3322 2111	2212 1100	1222 3121
Zy	0010 0112	2000 0002	3232 1121	1212 1101	2223 1223	2321 1100	2111 0000	3111 2010
SF	0100 1101	2102 3013	3211 2232	3210 2213	3222 3324	2422 2321	3202 3010	0113 3211
Tu	1110 3211	1000 0103	2232 2222	2213 1223	2334 2323	2331 1122	2211 1111	1010 1222
Du	2331 2221	0133 3202	2232 2233	2233 3212	1223 2232	1222 2210	2222 2122	1121 2221
Ke	2011 1011	0331 0003	3342 2232	3233 2102	2233 1322	2332 2101	3221 2200	0132 2121
SJ	0010 0100	1000 1002	3122 1211	1112 1202	3222 1221	2321 1111	3111 0000	0000 1011
Ho	1000 0112	0000 0003	1121 1022	1212 1111	1123 1011	1321 1021	1111 0011	1100 0031
ZS	1222 1221	1122 1013	2231 2132	1343 1212	2222 2323	3420 1112	2202 1102	2110 2022
Hu	0110 2210	1000 1112	2132 2331	1101 3311	3222 3421	2211 2221	3100 2311	0000 3221
Ap	1101 0113	2200 0013	2222 1112	2312 2012	2223 2011	1311 1002	3111 1021	2100 0032
Ku	0021 1111	1000 0002	1121 2132	2212 2111	1222 1323	1311 1112	2101 1001	1111 2020
Pi								
CT	0012 2111	1021 0002	2122 3122	2121 2212	1122 1103	2122 2210	3112 1200	0111 2101
Wa	1111 0111	1000 0001	1001 0010	2221 2101	2223 2221	2321 1111	2101 1000	1111 1121
To								
Am	1100 0000	1010 0012	1221 0111	2112 2001	1113 1010	1320 1101	2121 1000	0001 0010

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1941--concluded

	17	18	19	20	21	22	23	24
Go								
Co	1000 0011	1000 0122	4347 6411	2021 1101	1234 2210	1000 0112	0010 0110	2355 1122
So	1101 0000	0011 2133	3224 3423	2110 1101	1002 1332	1001 1032	0000 0012	1112 2132
Le	2201 1111	0011 2232	2323 3423	2121 1111	3211 2332	2111 1122	1011 1112	1222 2222
Do	2000 0001	0001 2233	3224 3423	1100 0010	2101 2332	0001 1022	0000 0002	1212 2232
Me	1000 0011	0000 0112	5466 6212	1030 0000	1233 1221	1000 0111	1120 0211	1365 1112
Si	1100 0010	1000 0122	3245 5222	1030 0001	1122 0220	0000 0010	0030 0000	1244 1222
Es	2211 0121	1021 2323	3323 3433	2111 1112	2222 2332	2112 2221	1111 0112	2223 2222
Sl								
RS	1100 0001	0001 2233	3334 3323	2110 1101	3111 1332	1001 1022	0000 0002	1233 2232
Ag	2100 1111	1001 0233	3334 4333	1110 1222	1322 3333	1000 1232	1120 1222	2233 2223
Wi	2102 2101	0013 3222	3323 2332	2122 2211	2122 2332	1003 3121	0002 2222	1233 3232
Ab	2112 1121	1111 2333	4343 3433	3111 1112	2122 2342	2002 2121	1111 1112	2222 2222
Sr								
Ni								
Ya	1212 1112	2222 1312	4444 3332	1231 1212	1232 2321	1211 1121	1120 0000	3334 2221
CF	2000 0011	0001 2223	3332 2323	2120 0101	3111 1232	1001 0021	0100 0012	1221 1132
Ch	2200 0022	1001 1233	4334 3333	2120 1112	2332 2343	1001 1133	1121 0112	2233 2233
Za	1011 0010	0023 3233	3323 2222	1122 1100	2123 2232	1011 1022	0112 0001	1223 2222
VD	2122 0011	1322 2233	4334 3323	2221 1211	2322 2332	2222 1122	1221 1112	1333 2232
Zy	1000 0011	0111 1211	4334 4221	1221 0101	1122 2322	1121 0011	0010 0010	1233 1121
SF	3212 2111	1110 2314	3323 3323	2322 1101	3033 1432	2111 2321	1122 2222	3325 3212
Tu	2101 0012	1011 1223	5433 4322	2220 1102	2332 2332	1000 0031	2220 0011	2333 3222
Du	2123 2222	2233 2333	3324 5332	2333 2322	2343 3332	2223 2332	1222 2222	2323 2321
Ke	0332 0021	0432 1333	5345 5222	1130 1211	2232 2332	1011 2122	0120 0001	1244 2222
SJ	2000 0010	1000 0123	4323 3321	2110 0200	1332 1341	0000 0022	0110 0001	2232 2121
Ho	1000 0010	2000 0123	5333 3321	1120 0001	0022 2231	1200 0012	0210 0021	2332 1111
ZS	2211 0112	1221 1324	5435 5322	2222 1312	2212 3422	2332 1121	2231 0011	2333 1233
Hu	2101 1121	1001 2322	4322 3431	1110 1211	1331 2442	1001 1210	0110 0110	2211 2321
Ap	2300 0022	1201 0024	5322 3232	3220 0232	3312 2212	1110 0231	3110 0022	1331 1022
Ku	2111 0011	1111 1223	5435 4222	1112 1100	1222 1321	1011 1010	0101 0011	2333 1121
Pi								
CT	2112 0000	0001 1122	3324 2222	1132 2201	2142 2332	1021 2022	0122 2101	2223 3221
Wa	1101 0011	1101 0233	3324 3222	1221 1212	1212 1231	1001 0021	1211 0001	2232 1122
To								
Am	2100 0012	2010 0111	4333 3121	2120 0110	2212 1121	1100 0022	2100 0112	2233 1110

	25	26	27	28	29	30	31
Go							
Co	2110 0222	3335 5543	4467 6643	4456 6332	3366 6543	3555 5424	1233 5332
So	0012 0275	6113 4567	7436 5566	6434 4234	4434 5567	7433 4154	2223 3344
Le	1012 2334	5221 4557	8444 4556	5334 3223	2434 3455	6432 3243	3232 2333
Do	0002 0343	5112 4558	7545 5547	6434 4322	3334 4445	6422 4243	2233 3334
Me	1010 0233	3355 7324	6778 8544	4567 6322	3367 6334	5674 4211	1333 4222
Si	1101 0243	3334 5332	5687 8533	3467 4331	3436 5433	3543 4211	1332 3222
Es	2113 2333	4222 4444	5444 5445	4334 3323	2424 4434	4432 4332	2232 3323
Sl							
RS	1112 1343	5122 4445	6444 5456	4343 3232	3344 3544	5433 4243	3122 2333
Ag	1111 1233	3213 2334	6666 5444	4455 4332	3445 4446	5543 3233	2342 2233
Wi	1133 3333	5134 3445	5445 4456	3344 3223	2325 3543	5433 4342	2322 3332
Ab	2122 1343	5222 4444	5453 5445	4344 3323	3444 4545	5433 4343	3223 3333
Sr							
Ni							
Ya	1222 1243	2234 4444	3454 4443	2344 3221	3334 4555	5533 5343	2343 3333
CF	1111 1242	5111 3344	5434 4345	3334 2212	3334 3544	4332 3243	2122 2232
Ch	2111 1233	5334 3234	6656 4344	4355 3232	3435 4435	5533 3233	2332 2233
Za	2133 2243	3323 4444	4444 5355	4244 3323	3234 4545	5533 4243	2243 3333
VD	1333 2353	3433 4344	4444 5455	4444 4333	3434 4555	4533 5343	2343 3333
Zy	0221 1243	2023 4344	3435 5445	3345 4221	3334 3544	4433 4233	2233 2131
SF	3233 3354	5213 3544	6455 5536	4443 3323	2345 5556	6543 4433	3232 4414
Tu	1111 1233	3233 3435	5646 5444	4455 4232	3435 4534	4534 3332	2342 3223
Du	2333 3442	3334 4444	3566 5545	4455 4232	2356 5444	3433 4242	3343 4332
Ke	2033 2242	3223 5444	5545 5455	4344 4332	3445 5554	4523 5342	3332 3232
SJ	1111 0141	4223 3434	5535 3234	4344 3231	3333 4333	4422 2132	2331 2221
Ho	3100 1131	3222 2234	4145 4323	2345 4212	2234 3234	3433 3123	2232 2212
ZS	1232 2232	3334 5443	4545 5443	3444 5321	3445 3524	4433 5323	3243 3222
Hu	1100 2331	3222 4444	4433 5534	3333 3322	3322 4432	3322 4322	2321 3431
Ap	2201 1222	2332 3223	4445 4223	3334 4131	2334 4333	4422 3222	2222 2222
Ku	0112 2141	3134 5443	3545 5444	3343 4211	2344 4432	3423 2232	2235 3233
Pi							
CT	1122 2043	4234 2423	5435 4435	2233 3222	2224 5345	4322 3233	2232 1223
Wa	2121 0142	2233 3344	3345 5345	2234 4121	2224 5433	4422 4231	2222 2222
To							
Am	2100 0031	2222 3322	3445 4223	4344 4111	2325 4324	4433 3222	2322 2123

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1941

	1	2	3	4	5	6	7	8
Go								
Co	3355 4532	3254 4322	2210 0011	1000 0010	0000 0000	0000 0011	1235 6333	2234 3211
So	3333 3544	5123 3344	4101 1111	1010 0011	0011 0000	0001 0111	0323 6465	4322 2145
Le	2223 3443	3132 2333	3122 1112	2121 1112	1112 1110	1001 2121	0222 4354	3321 2234
Do	2233 3533	2133 2333	3001 1121	2000 0012	0111 0000	0000 0220	0323 5354	3212 2134
Me	2466 2323	2164 2122	2010 0111	0100 0101	0010 0000	0000 0110	0244 6322	2133 1111
Si	3344 2322	2142 3222	2111 0111	0110 0010	0001 0000	0000 0010	0323 6222	2123 1011
Es	2223 3443	3233 2333	3112 2111	1111 1112	1112 0110	0001 2221	1323 4444	2222 2133
Sl								
RS	2332 2443	3232 1233	4121 0121	1000 0012	0001 0000	0000 0111	0233 4344	2232 1133
Ag	3343 2333	2142 2334	3101 1122	1000 2322	0101 1200	0000 0121	0343 4332	3132 1222
Wi	2222 2433	3232 2243	3110 0111	1011 1012	0111 1111	0012 2111	0323 4244	3322 2133
Ab	2222 3443	3133 2333	3101 1111	1111 1112	1001 1001	1111 1221	0323 5344	3222 2133
Sr								
Ni								
Ya						3110 0211	4434 3423	3222 2223
CF	2232 2432	2232 2233	3111 1111	2101 1002	0001 0100	0001 0111	0333 4343	3221 2133
Ch	3343 3323	3242 2234	3111 0021	1111 1112	0110 0011	0001 0221	1332 5342	3232 1123
Za	1233 2543	4233 3333	3211 0012	2013 1013	2001 1110	0112 0121	0333 4443	3322 2233
VD	2333 3533	4233 3333	3221 1011	1322 2112	1211 1110	0111 1121	1333 4444	3122 2233
Zy	1343 2422	2133 3222	2022 1110	1122 0111	0111 0100	1010 0111	0433 5333	2232 1122
SF	3342 2344	4253 2233	3103 0210	0011 1102	0110 2300	0012 1111	0433 5344	4221 1024
Tu	3342 3323	3142 3224	3211 1111	1211 0001	1100 0101	1110 0021	1443 3334	3332 2122
Du	3233 3433	3343 3332	2321 1111	1332 2212	1332 1110	2112 1223	2433 5344	2222 2232
Ke	2234 3423	2143 3332	2321 2111	1212 0012	1112 0000	0022 0011	0533 5334	1442 1222
SJ	3242 1232	2232 2223	2102 1111	1111 0001	0000 0000	0000 0011	0343 4243	2221 1113
Ho	2132 2122	2143 1022	2100 1001	2010 0002	0000 0110	0000 0001	1343 3332	1233 1011
ZS	2343 3422	2243 3322	2221 1112	2222 1111	0202 1111	1110 0121	2444 4333	3333 1232
Hu	2232 3431	2122 2332	2111 2210	1110 1221	1111 1210	0000 1220	1332 5532	3221 2221
Ap	3232 2313	3232 2222	3210 1223	2210 0022	1201 0022	2200 0212	2443 4232	4333 0213
Ku	3322 2421	1143 2311	1000 1000	1011 0101	1112 0110	0010 0110	1533 4333	1322 1222
Pi								
CT	2223 3333	2032 2132	2121 2211	1122 0111	0022 0100	0111 0021	1333 5233	3322 2233
Wa	2332 2422	3323 2333	3332 0012	3332 0112	3422 0111	0001 1111	1321 5343	1112 1122
To								
Am	2244 0312	2233 1121	2211 0000	2110 0011	1101 0010	1100 0100	1433 4133	2333 1111

	9	10	11	12	13	14	15	16
Go								
Co	2213 1212	2110 0100	1202 5302	1102 1000	0012 6653	5465 6323	3326 6363	7311 0232
So	3221 2116	4121 1120	2111 3224	3111 0100	0002 7745	6443 2366	5333 4377	7322 2255
Le	3221 2215	4121 1121	2212 2213	2211 1100	0012 5445	4432 3334	4322 3355	6322 2234
Do	3120 2224	4121 1120	2201 3213	2201 0100	0002 6435	4332 3434	5333 3367	7322 3344
Me	2113 1112	1300 0101	1113 4112	1212 0000	0001 7533	5665 4223	3545 4343	5211 2122
Si	2112 1111	1210 0001	1122 3111	0112 1000	0011 6533	4464 4232	3534 3243	3431 1221
Es	3121 2224	2211 2221	2211 3213	1111 1100	0012 5534	3332 3434	4332 3354	5322 3234
Sl								
RS	3131 1125	3121 0121	2212 2213	2211 1000	0022 5544	4332 2334	4333 3365	5322 3244
Ag	3213 2134	4211 1131	2122 3123	3211 1020	0012 5544	5563 2344	5542 3244	6422 0132
Wi	2222 1124	3221 1221	2322 3223	2112 1100	0024 4534	3242 3335	4322 3365	4313 3243
Ab	3221 2225	3221 1121	2211 3213	2212 1101	0012 5544	4342 3434	4333 3454	5323 3234
Sr								
Ni								
Ya	1223 1112	3321 1112	2321 4122	2222 0000	1132 6533	4353 4343	3434 5362	4422 2232
CF	3221 2124	3221 1120	2211 2113	2212 1000	0002 4434	4332 3334	4222 3355	5322 2244
Ch	3213 1234	4220 0222	2222 3122	3212 1010	0023 5434	5453 2234	4442 3344	6422 2243
Za	4222 1224	4321 0221	1223 3223	2222 1000	0022 5544	4343 3435	4333 4364	5322 2233
VD	3223 1124	4212 1131	1222 3223	2122 1101	1223 5544	3342 3435	3333 4364	4423 2133
Zy	1122 1113	2111 0121	1222 3112	0112 0000	0022 5533	3242 3323	3333 4352	4322 2232
SF	4222 2125	5222 2222	2222 3212	2122 1100	0033 5545	4342 3435	4232 4564	6321 1244
Tu	2213 1123	3211 1112	2222 4322	2212 1101	0023 5534	5463 3234	4443 3454	5422 2243
Du	2223 2123	3212 1231	1223 3223	2122 1111	1145 5533	3353 4324	3343 2354	4333 3233
Ke	2233 2124	4221 1120	1232 4223	2413 0000	2133 6533	4343 3325	2333 4464	4322 2233
SJ	3121 1123	3200 0010	2121 3103	2211 0100	0023 5344	3343 1223	4333 2465	4322 2341
Ho	1212 0132	2110 0000	1113 3111	1112 0000	0023 4434	3354 3143	2333 3343	5322 2232
ZS	2222 1123	2211 1222	2123 3112	1222 1112	2233 6533	5354 3323	2334 5464	5333 3322
Hu	3111 2222	2201 2321	2121 3322	2101 2200	0022 6743	3332 3443	3322 3453	3312 4342
Ap	2212 0223	2101 0122	2213 3022	1122 1212	0023 4334	3344 3323	3233 4243	4322 2133
Ku	2122 1111	2101 0020	2224 3212	2212 1000	1133 6533	3342 3323	2223 4363	4323 2133
Pi								
CT	3232 2214	3132 2111	2133 3223	1133 1200	0042 6424	2243 2335	3342 3355	5443 2233
Wa	2111 1111	1111 1121	1111 4222	1111 1000	0121 5434	4342 3324	2224 4253	4422 1133
To								
Am	1111 0002	3100 0001	2212 4011	2212 0001	1122 4323	4343 4123	2323 3243	5312 1023

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1941--concluded

	17	18	19	20	21	22	23	24
Go								
Co	2124 4310	2578 7776	4766 4463	5546 6411	4476 7610	2123 2000	0033 6611	2323 5224
So	3021 3330	2667 7868	8874 4365	6426 6322	3634 4520	1211 1001	0012 5543	4233 4367
Le	3221 3331	2577 8989	9995 3485	5436 5321	3633 3521	0111 1211	1122 4442	4332 3358
Do	1232 3320	2478 8799	8795 4496	6335 6421	2634 4500	0121 0111	0022 4532	2333 4467
Me	2134 2221	2689 9766	8998 4464	4567 7211	3576 6511	1241 1001	0041 4421	2333 5225
Si	1023 2110	2599 9998	6898 3453	4448 7211	3467 7500	1141 1001	0032 5521	2322 3234
Es	2131 3321	1577 9999	9986 4574	4335 4321	2533 4411	1221 1111	1122 3433	4233 4345
Sl								
RS	1131 3431	2677 9999	9975 3573	5335 5321	1533 4400	0121 0111	0023 3431	4333 3355
Ag	4321 2222	1499 9988	8998 4574	5436 5333	2665 4421	1232 1112	0031 3332	3422 3336
Wi	2231 3431	1667 8999	9985 4464	4334 4322	1523 3411	1121 2111	1122 3443	4323 3344
Ab	2131 3332	2678 8999	9876 4564	5345 4331	2533 4411	1121 1112	1123 3533	4333 4344
Sr								
Ni								
Ya	2232 3321	2688 9888	7884 3264				3232 4522	3333 3334
CF	2131 2331	2577 7877	7865 3463	4334 4221	3533 4310	0011 1011	0112 3432	4332 3344
Ch	3322 2222	2689 8799	9997 4464	5435 4333	2653 4522	1232 0112	1131 3333	3432 3346
Za	3253 3422	3669 9999	9995 4465	5446 6432	2544 5510	1122 0111	1222 4542	3234 3345
VD	2142 3431	2678 8999	8875 3464	4436 5331	2534 5510	1222 1111	1232 4532	3333 3345
Zy	2132 3421	3678 8676	7855 3453	4546 5310	3544 5411	2222 0101	2131 3431	3233 3333
SF	2133 3332	3778 6788	8766 5565	5454 5432	3553 5411	2222 2211	1121 4454	4322 4545
Tu	3122 3322	2677 7767	8987 4564	5435 5322	3654 4421	1331 1111	1231 4332	3433 3425
Du	3342 4432	2788 9999	8887 5454	4456 6432	2444 5412	2331 2222	1232 4532	3322 4455
Ke	1162 3422	3787 6877	7755 5564	4556 6421	2454 6512	2232 1212	2133 5442	3333 4345
SJ	3111 1233	2667 6776	7776 5564	4434 3323	3533 3310	1122 0002	1121 4232	3322 4455
Ho	1112 1122	2686 6668	7776 5443	3434 4222	2543 3312	1121 0011	2221 3322	2332 4334
ZS	2133 3322	3697 7777	6867 5455	4666 5321	3554 5510	2122 1213	3332 4432	2443 4344
Hu	3111 3332	2566 8885	6776 5653	3424 4422	2422 4521	1222 1211	1222 4532	2332 4533
Ap	3221 2232	3686 7567	7777 5554	4434 3232	3543 3331	2321 0214	2322 2223	3432 3334
Ku	1123 3321	3787 4676	5646 3453	4436 5321	2554 5511	1211 1110	1232 5532	2333 4343
Pi								
CT	1132 2222	2668 7777	7766 3463	4445 5222	2433 3321	1234 2201	2232 4442	3343 3444
Wa	1142 3322	2578 9897	7966 4474	4536 5322	3544 5410	1121 1001	1121 4432	2222 3334
To								
Am	3221 1220	2679 9898	7966 4353	5434 4122	3443 3302	2110 0001	2122 2311	3332 3233

	25	26	27	28	29	30
Go						
Co	3265 6422	1003 1000	2245 3410	1211 1211	2434 3331	3235 4322
So	7123 5475	2111 1110	1122 3422	1100 1255	0233 3446	5123 2154
Le	7332 4252	1111 1112	3232 2322	2211 1233	2323 3324	4313 2243
Do	7223 4353	2122 1112	2223 2322	2211 1224	0323 3224	4123 2242
Me	2164 4221	0001 1111	1344 2221	1211 1122	1535 2322	4045 3211
Si	3264 5321	0002 1011	1343 2220	0212 0122	1523 2232	3144 1120
Es	5232 3242	2112 1112	2222 2322	2111 1233	2323 3423	3213 2233
Sl						
RS	5232 3352	2112 1012	2222 2421	2211 1234	2323 2323	3223 2243
Ag	4234 3122	1000 0121	2453 3322	1221 1233	1623 3333	4133 2232
Wi	5232 2352	1121 1112	3222 2423	3211 2224	2333 3324	2212 2143
Ab	5332 3252	2112 2112	3232 2323	2211 2234	2433 3434	3123 2243
Sr						
Ni						
Ya	4333 4342	3211 1111	2233 2421	2321 2324	1433 2333	2234 3321
CF	5322 3252	1012 1012	3222 2422	2201 1223	2423 3323	3223 2143
Ch	5234 3232	1111 1021	3342 2212	2221 1233	2523 3333	4233 2232
Za	4333 4353	3311 0111	2333 1432	2212 1123	1333 2333	3333 2342
VD	4233 4353	2212 1111	3323 2433	2211 1333	2333 2443	3233 3333
Zy	4232 3343	2111 1111	2332 2422	3310 1233	2333 2332	3233 2321
SF	4332 3153	1101 2112	3232 3332	2122 3333	2433 3434	4244 3343
Tu	5244 3322	1101 2222	3353 3311	2211 2233	2423 2333	4233 2321
Du	4334 4453	2122 1112	2123 3422	2232 2333	1323 2333	3333 3333
Ke	4243 3252	1221 1111	1243 2412	1323 1233	1333 2332	3124 3243
SJ	4222 1333	2110 1010	3331 1100	1120 0233	2422 1423	4122 0212
Ho	3333 3231	1102 0021	2342 1200	1121 1231	2323 2232	3323 2122
ZS	3333 3342	2112 1222	3222 2421	2212 2233	3333 2343	4333 3333
Hu	3222 3231	1111 3221	3322 3321	1111 2342	2312 4542	3232 3331
Ap	3032 3222	1211 1221	2242 2221	3222 2234	2423 2233	3223 2222
Ku	2233 3342	2211 1010	2222 2401	1200 2223	3424 2332	3233 3232
Pi						
CT	3123 2243	2133 1111	1232 1322	2132 1123	1333 2323	3124 1231
Wa	3242 3342	2111 2011	2222 2421	1221 1233	2333 2333	4223 2332
To						
Am	4342 3232	1101 0010	2232 1222	2211 1122	2323 1233	3223 2232

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1941

	1	2	3	4	5	6	7	8
Go								
Co	1213 1100	0000 0121	0012 1000	0000 0000	1135 3100	1033 2111	1000 0000	2210 0330
So	2211 2131	0000 1035	4001 1122	1001 1014	3112 1111	1011 1212	1000 1100	3320 1433
Le	2111 1222	1001 1134	3011 1111	1011 1113	2222 1102	2112 2212	1101 0101	3320 1332
Do	2211 2122	0000 1133	2100 0002	1001 1102	2012 1100	1002 1322	1000 0310	3320 0322
Me	1232 1100	0110 0011	1221 0000	0000 0001	1043 2000	0022 1101	1000 0101	2400 0220
Si	0222 0100	0010 0121	0022 0000	0000 1101	2042 1010	0022 1111	1000 0111	2301 0220
Es	2221 2211	0111 2133	3111 2211	2001 1112	2222 1212	2011 2212	1101 1211	3221 1322
Sl								
RS	1111 1121	1000 1133	2100 1112	1001 1103	2222 1111	1011 2212	1110 1100	3321 1322
Ag	1112 0100	0010 1143	1121 0211	1001 1212	2243 2111	0021 2211	1100 0111	3310 1312
Wi	1111 1121	1112 2234	3111 1111	1111 2223	3222 2211	1111 1212	1121 1111	4222 2333
Ab	2121 2121	1110 1233	3111 1111	2101 1113	2222 1211	2111 2212	2111 1112	3321 1432
Sr								
Ni								
Ya	2222 2111	0210 1222	2212 2121	1011 1112	2222 1121	1122 3221	2211 0221	2320 0322
CF	2111 2121	1100 1133	2100 0001	2001 1102	1112 2110	1001 1212	1100 0101	3321 0212
Ch	2222 1111	0110 0143	3121 0011	1011 1102	2231 1110	1022 2222	2201 0212	3311 1112
Za	2112 2021	0010 0134	1111 0001	2001 0111	1132 1210	0112 1211	0111 1110	3320 1432
VD	1222 2132	1211 1134	2122 1221	2131 1112	1223 1211	1222 2322	1222 0211	3332 1443
Zy	1122 1110	0000 0223	1122 0121	1122 0212	2132 1101	1130 2121	2110 0221	2220 1222
SF	3313 2111	1213 2243	2022 2211	3120 0003	2123 2201	1013 2312	2223 1301	4422 2542
Tu	1222 1111	1110 0132	2222 0111	1122 1112	2233 2211	1122 2212	2210 1212	3421 2211
Du	1232 2122	1222 1133	2222 2112	2232 2112	2243 1112	1223 3212	1223 3211	3321 1443
Ke	1211 1131	0121 1233	2112 2221	2233 2112	2322 2101	0312 3222	1121 2222	3220 0321
SJ	1212 1112	0110 1143	2112 2112	2023 2213	2232 1111	1112 1222	2210 2201	3310 1331
Ho	2222 1101	0200 0021	0111 0001	2112 0101	1133 1010	1112 1112	2100 0100	1310 0100
ZS								
Hu	1110 2221	0112 2331	2011 1210	1122 2222	1223 2321	1122 2422	2212 2420	3311 2321
Ap	2222 2022	2200 0133	2202 0232	2222 1233	3223 1001	1113 1003	2311 0113	4312 0122
Ku	1222 1121	1322 2321	0122 2111	0122 1222	2232 1222	2222 3212	3211 1211	3311 1121
Pi								
CT	1121 1101	0111 2133	2111 1111	2122 1112	1223 1111	1113 1222	2133 2211	3223 2432
Wa	2122 1121	1110 0222	1111 1111	1022 1222	2232 1211	1212 2212	1210 1212	3220 1331
To								
Am	1222 1122	1100 0021	2111 0011	0112 0013	3233 3010	2222 1101	2200 0011	2310 0121

	9	10	11	12	13	14	15	16
Go								
Co	1102 4100	0000 0122	0358 5555	4335 4332	1445 3100	0016 5610	3365 4422	2352 5232
So	0100 2122	0011 1154	4224 4578	7534 2425	3112 1131	2112 4535	5233 2566	2421 2566
Le	0211 2122	0011 1243	3233 3577	6632 2324	3222 2232	2211 3313	3222 2343	2321 2345
Do	0200 2122	0001 2233	3233 4587	6632 2423	2112 1232	2002 4413	3223 2235	2311 2445
Me	0211 2111	0000 1222	0366 6445	5554 2211	1443 2110	0225 4511	2376 3122	1443 3122
Si	0122 3111	0000 0121	1148 7244	5243 3211	1433 1010	0224 5510	2355 3222	1333 3222
Es	1201 3122	0011 2233	3232 3456	5432 2322	3121 1332	1211 3313	3232 2333	2321 3344
Sl								
RS	0201 2122	0010 2243	3233 3576	6432 1423	2122 1332	2212 4323	3333 2343	1320 2444
Ag	0210 2222	0010 1232	2445 4437	6542 3323	3442 1220	1313 3332	2444 3332	2431 3223
Wi	1211 3222	1111 2343	3244 4555	4442 2422	2223 1332	1212 3424	3222 2344	1421 2344
Ab	1210 3122	1111 2343	4342 4456	5432 2323	3122 1233	2213 3414	3332 3343	2321 3344
Sr								
Ni								
Ya	1222 3121	2111 1332	2235 4445	4344 3322	3322 2111	1214 4412	2343 3342	2233 4343
CF	1201 2022	0011 2232	3233 3455	5432 1422	2122 1232	1102 3413	3221 2232	2310 2344
Ch	1210 2123	1121 1233	3344 3446	5432 2212	3442 1121	1213 3322	3344 2133	2431 2223
Za	1221 3111	0111 1243	4134 4676	5232 2423	2113 2232	1112 5513	2223 2333	1331 2434
VD	1221 3122	0121 2333	3234 4666	5333 3423	3233 2232	1113 5513	3323 2433	1321 3444
Zy	2230 3122	2221 1233	2234 4445	4343 2312	3222 2120	1133 4402	3234 2342	2331 3433
SF	1202 3012	0122 2332	4345 3566	4423 3423	3243 2223	3223 3534	4444 3234	3432 3342
Tu	2211 3113	0111 2332	3255 3445	5432 3212	2333 1221	1213 3412	3334 2223	3432 3234
Du	1222 3122	0222 3344	3245 5565	5343 2412	2221 2131	1212 3412	2323 2132	2323 3444
Ke	2222 3121	0322 3333	2345 4555	5443 2422	2223 1220	0224 4511	2343 2341	1431 3444
SJ	1101 1223	0112 2232	3344 3435	4342 1312	2222 0220	2222 3222	3333 3132	2322 2224
Ho	0101 3013	0111 2122	1235 3235	5442 1100	2332 1010	0113 3311	1233 1122	1331 2023
ZS								
Hu	2110 2322	0112 3442	3243 5554	3222 3421	2112 2331	2212 4531	3223 4331	2211 4343
Ap	0202 3022	1211 2233	3234 4335	4333 1122	3232 1232	2013 2303	2223 0223	2330 2132
Ku	2222 3122	0222 3332	2245 5545	5442 3311	1112 2121	0012 5301	2343 2333	2232 3333
Pi								
CT	0022 3222	0122 3332	3245 3555	3313 1322	2222 3222	1122 2413	3132 2223	1313 3332
Wa	1211 3121	1121 2233	1335 4455	4334 3312	2222 3221	1112 4312	2213 2223	1321 3333
To								
Am	2211 3110	0111 1122	3325 4234	5333 2111	2233 1112	1113 2321	3333 1122	2322 3233

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1941--concluded

	17	18	19	20	21	22	23	24
Go								
Co	1045 3200	0144 2110	1134 5510	1144 3310	0011 0000	0124 5653	2223 4422	2234 4531
So	0022 1211	0011 1221	2211 2511	1011 1132	1200 0001	1102 3667	3213 3465	6111 2374
Le	1121 1111	0111 1221	3222 2321	1122 1122	2210 0001	2211 3778	3211 2345	4121 2354
Do	0011 2110	0010 0221	3220 2411	0000 1123	2100 0000	2101 2778	2212 3255	4211 2364
Me	1033 2111	0143 1121	1132 3320	0142 1010	0110 0100	0232 4445	1433 3223	3155 2222
Si	0032 1100	0233 1100	0042 4321	1141 1110	0120 0001	1022 3553	1343 2222	2134 2220
Es	1122 1211	1111 2121	3221 2312	1122 1222	2221 1101	2112 3565	2222 2233	3221 2353
Sl								
RS	1012 1211	0111 1111	3221 2411	0120 1123	2210 0001	2122 3775	2212 2344	3211 2354
Ag	0032 2210	0122 1111	4242 2321	0342 1221	3200 0111	2221 3444	0431 3225	4223 1232
Wi	1021 2211	1112 1232	3221 2421	1111 1221	3211 0001	1112 3465	2311 2254	2221 1353
Ab	1112 1211	1121 1121	3221 2322	1221 1122	3221 1112	2222 3665	2222 2344	3222 2454
Sr								
Ni								
Ya	1232 3211	1231 1322	1131 4422	2322 2311	1211 0011	2212 3774	2322 2333	3323 2541
CF	1011 1101	0101 1122	3221 3411	1212 1122	3210 0001	2112 3565	2212 2333	3212 2353
Ch	0032 2111	0132 1111	4142 2211	1241 0122	3221 0121	2222 3454	2431 2224	4222 2233
Za	1222 2211	0211 1221	1121 1531	1121 1212	1210 0000	1111 3566	2222 2343	3222 2454
VD	1122 2211	1112 1231	2123 3421	1122 1322	1210 1000	1222 3656	2312 3343	3221 3453
Zy	1211 2301	1122 1210	2231 2410	2231 1221	1221 0001	2213 3554	3232 2333	3232 3452
SF	1123 0302	1121 2121	3121 3421	1122 2331	2120 3011	3232 4775	1322 1244	4222 2355
Tu	1132 1211	1132 2211	2232 2422	1131 1111	2311 0001	2222 3654	2432 2222	3233 2242
Du	2233 2222	1232 2331	2332 3421	1232 3322	1211 2111	2213 3654	2233 3453	2333 3352
Ke	1342 2211	0322 0321	2332 3421	1232 2322	2201 0101	2323 4765	2222 3332	3322 3451
SJ	2022 1121	1121 1111	3130 2211	0131 0211	2212 1101	2212 4654	2431 2233	2112 3242
Ho	0111 0010	0022 0001	0131 2310	1112 0020	1100 0010	1122 3554	2222 2122	2221 2233
ZS								
Hu	0111 3321	0111 3321	2121 4421	1131 2221	1201 1212	2212 5674	2311 4432	2212 3433
Ap	2232 0112	2222 0112	2121 2221	0222 0222	3321 0122	2322 4553	2212 2232	0321 1232
Ku	1131 3200	1111 1220	1221 3410	1131 2321	2310 0101	2224 4654	2322 3332	2332 3431
Pi								
CT	1122 2111	0111 2221	2112 3321	0112 2011	2213 1200	1222 2765	2222 2233	3122 1343
Wa	1122 1111	1221 1222	1121 3411	2221 1111	2210 0001	1222 3654	2321 2342	2221 2342
To								
Am	1132 0012	1121 1012	2323 3312	2231 1012	2310 0001	3223 3443	2322 2223	4322 2332

	25	26	27	28	29	30	31
Go							
Co	1200 0011	0006 4122	3123 1211	0013 3331	2101 2000	0103 3310	1533 4565
So	4210 1121	0012 2156	5112 1012	0111 1244	4001 1033	1211 3223	3443 3677
Le	3311 1110	0122 2134	3222 2002	1121 2233	3111 1132	2211 2212	2442 3678
Do	3210 1010	1002 2144	3122 1003	0001 1332	3001 1132	1211 3223	3442 3678
Me	0200 0101	0214 2122	2013 1110	0010 1121	2000 1111	0302 1111	1643 2334
Si	1200 0011	0115 3113	2021 1001	0011 1021	2001 0110	0212 2210	1663 1435
Es	2211 1110	1122 2243	2122 2112	1122 2232	3212 2122	2222 2222	3433 3466
Sl							
RS	3310 1110	0012 2135	2211 1013	1112 1332	3111 1132	1211 2222	2432 3577
Ag	2400 1221	1123 1133	2022 1011	0011 1222	4000 1120	2211 1222	3542 3357
Wi	2211 1111	1112 2132	2111 1111	1112 2332	3111 2132	2211 2113	2422 3565
Ab	3311 2121	1113 2244	3232 2112	1112 2332	3111 1133	2322 3212	3543 3466
Sr							
Ni							
Ya	3221 1111	1123 2134	2222 4112	1213 3431	2312 2111	1213 1221	3433 3466
CF	3310 1110	1112 2134	3112 2113	1112 2232	3112 2132	2111 1122	3432 3366
Ch	2411 1111	1213 2133	2122 1011	0110 1123	3111 1112	2322 1112	3542 3456
Za	2220 0221	1122 2144	3232 2002	2222 2442	3112 1022	1221 4122	2433 4466
VD	3321 1221	1023 2145	2122 2102	2122 2442	3122 1122	1233 4311	2432 4476
Zy	3430 0120	2023 3034	3032 2100	2122 3442	2232 1210	2232 4222	2433 3455
SF	4321 1020	0003 1145	1133 2212	1222 3232	4232 2021	3334 3302	3643 2666
Tu	2310 1111	1223 2132	2223 1012	0121 1222	3001 1211	2322 1111	2653 3446
Du	1311 2222	1123 2133	2221 1112	1232 2232	3112 2232	1332 4221	3433 3566
Ke	2441 2121	1334 3144	1232 1011	0332 3441	3322 1221	1433 4232	3523 3665
SJ	2310 2112	1123 2123	3222 2122	0111 1222	3111 1111	3311 2222	2633 4555
Ho	2110 1111	1122 1022	2222 0011	0112 2012	3101 1111	1211 2001	0653 4446
ZS							
Hu	2210 2221	1112 3223	2112 2120	0111 3332	3011 3321	3310 2321	1523 5754
Ap	2220 0011	1122 2023	3122 2012	2202 2012	3211 2121	2211 2023	2652 3356
Ku	3321 2221	1233 3133	3122 2121	0101 3431	1012 1221	2223 4221	1653 3455
Pi							
CT	2321 1120	0113 1033	1222 1111	0112 3231	3213 2211	2232 1100	2523 4555
Wa	1211 1112	1113 1133	2121 2112	1112 2332	2111 2111	1111 3222	1443 3466
To							
Am	2221 1001	0124 2122	2222 1112	2112 2111	1111 1122	2221 2221	4642 3354

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1941

	1	2	3	4	5	6	7	8
Go								
Co	5676 5720	0002 2001	1100 3301	1132 1000	0011 3444	3367 6544	3256 5422	4445 5331
So	7755 6752	0000 0155	3100 2303	1111 1113	1111 1666	3355 6766	6223 2455	5433 4442
Le	7664 6641	1000 0132	2110 2202	2211 1012	1111 1444	3334 4666	4222 2433	3432 3342
Do	9854 7731	1000 0244	1100 2203	2111 0002	1101 2454	3323 3433	3424 5567	6302 4251
Me	8897 6510	0000 0211	0211 1101	1221 1010	1111 1344	2477 5333	3465 3222	5466 3321
Si	8877 6620	0001 1111	1100 0202	1232 1001	0111 1334	2467 7433	3454 3112	2465 4321
Es	7653 5521	1111 0223	2111 2212	2211 1112	1111 2344	3333 4455	3122 3433	3332 3342
Sl								
RS	6653 6531	0000 0243	2101 1303	2111 1012	1111 2455	3334 5665	4223 3432	3321 4451
Ag	8885 4432	0000 1122	1210 1212	2211 1111	1121 1243	4566 5335	4233 2222	3343 3231
Wi	6553 5533	1001 0132	2101 1202	2211 1112	1111 2445	2234 4664	4112 3443	2322 4451
Ab	6653 5531	1011 1233	3211 1203	3212 1113	1112 2444	3333 5665	4123 3443	4332 3342
Sr								
Ni								
Ya	4445 4631	1101 1211	3211 4212	3322 2112	1111 2543	2334 7454	3233 4421	4334 4231
CF	5653 5520	1001 0133	2211 2213	2212 1012	1212 2445	3323 4664	4223 3432	3322 3341
Ch	7685 4421	1110 0112	3210 1212	2221 0112	2121 1344	4555 5345	4232 2333	3343 3332
Za	6544 6520	0010 0132	2110 3302	2011 1212	1131 4444	2244 5553	3123 3433	4322 4352
VD	5544 6530	0111 1232	2211 3302	1121 1112	1132 3444	1135 6653	3233 4453	3333 4442
Zy	4345 6521	0100 1211	2111 3301	2211 1112	1111 2444	2245 6444	2233 4333	3333 3341
SF	6664 4621	1012 0333	3233 3313	22II 2213	1122 3344	3344 5565	4122 3343	4233 4341
Tu	7765 5521	1011 1211	3211 1213	3212 1112	1121 2445	3564 4434	4344 2332	4343 2341
Du	5645 6631	2222 2232	2211 2302	2321 0222	1222 3454	2245 6553	2334 3442	3334 2242
Ke	5544 6542	2223 2323	2222 4402	3223 2123	2322 3454	2355 6553	3233 4443	3344 3352
SJ	6553 4333	1111 0222	3201 2112	2222 0021	1112 2444	3434 3434	4223 2433	3333 3332
Ho	5545 3421	1101 0212	2201 2102	2110 0111	1110 1133	3354 3322	3232 2211	3233 3221
ZS								
Hu	5442 5531	2100 1422	2101 3411	2111 1211	1102 3554	3323 5543	3121 3322	3332 3331
Ap	5535 3421	3222 2213	2222 2222	3221 0023	2201 1333	3344 3433	3232 2132	3232 3222
Ku								
Pi								
CT	3653 4531	2113 3212	2123 2202	2233 2012	1223 3433	2343 4444	3233 3332	3232 2222
Wa	5446 6422	2111 1223	2121 1112	3222 1112	2222 3444	3335 6433	2222 3322	4333 3232
To	3556 4432	2212 1222	3322 2212	3322 0221	2322 3444	3455 5433	2232 3332	3334 3232
Am	5555 4422	3111 1113	3211 1213	2321 0112	1211 1334	3354 4323	3332 2132	4334 2231

	9	10	11	12	13	14	15	16
Go								
Co	0107 5611	1225 7652	5426 4432	1230 3223	1136 3201	0025 3100	0003 2210	0000 0001
So	2112 5532	3312 5656	7523 3445	1121 1256	1001 1332	1001 1323	1000 1021	1100 0013
Le	2112 3422	3212 3445	4423 2443	2121 1134	1111 1212	1111 1222	1000 1112	1211 1013
Do	2102 4433	3212 3444	4323 2543	0222 1244	0001 2322	1001 1323	0000 0012	1100 0113
Me	0215 4411	1235 5442	4646 3222	0321 1121	1133 3111	0223 1011	0001 1010	0100 0002
Si	0324 5511	1124 6532	3526 3211	0340 2211	1224 2111	0113 0000	0012 1010	0110 0012
Es	2113 3422	3222 4434	4323 2342	1221 1233	1122 1222	1111 1112	1000 1102	1111 1112
Sl								
RS	2112 3433	2212 4434	5323 1443	2221 0134	1121 1312	2111 0212	1000 0011	1110 0113
Ag	2333 3311	3324 5434	4425 2332	1331 1122	1223 2121	1222 1121	0001 1000	0000 1112
Wi	2123 4422	3313 4434	5323 1553	1121 1235	2112 1312	1111 1223	1101 1112	1111 1133
Ab	3112 3422	3223 4434	4333 2443	1231 1234	1122 1222	1011 1213	1011 1112	1101 1223
Sr								
Ni								
Ya	1114 5412	1224 5542	4224 3332	1321 2233	1133 2321	2112 1111	1111 3111	1210 1233
CF	3112 3422	3222 4434	4323 2443	1221 1133	1101 1312	2101 1213	0000 0112	1201 1113
Ch	2333 3322	3324 4534	4424 2322	1331 1223	1223 2122	1222 1112	0011 1122	2210 1222
Za	2223 4532	3313 4544	4333 3441	2222 2223	1112 1231	2111 2132	2021 2211	2011 0113
VD	1213 5542	3323 2543	4423 2543	1221 1234	1123 2331	1112 2223	0101 1221	1101 1213
Zy	1133 5422	2224 5534	4324 3331	0121 2333	0033 1311	1102 1111	0001 2112	1111 1223
SF	3135 3510	3324 5555	5424 1423	1232 2144	1123 1132	0011 1012	1112 2302	2111 0114
Tu	1324 3311	3224 4545	4424 2433	1331 1223	1123 2211	2112 1001	0001 1112	2211 0332
Du	1223 4522	2233 5335	5224 3332	1322 1224	1233 2321	0112 2222	1111 2121	2221 2223
Ke	2324 5532	2234 6534	5334 3442	1222 2223	1233 2321	1232 2222	0000 2223	2221 2234
SJ	1322 3222	3223 5444	3324 2442	2332 0212	0212 1222	2111 1112	0011 1112	2211 0232
Ho	2113 2311	1123 3234	3423 1112	1120 1111	0023 1001	1112 0001	0011 0002	2101 0223
ZS								
Hu	1112 4322	2112 4533	2312 4432	1222 3432	1111 3421	1111 3331	0011 2322	2211 2323
Ap	2123 3222	2223 3244	2423 2212	2021 2122	2223 1222	2212 1122	1010 2202	3211 0333
Ku								
Pi								
CT	2123 2310	1134 5434	3234 2321	1222 3212	1012 2221	1211 1001	0111 2112	2212 2223
Wa	1223 4432	2232 5533	2223 2332	1121 2223	1112 1221	1212 1112	2111 2122	2211 1223
To	2223 4412	2323 4443	3334 2332	1231 2213	2333 2232	3223 1101	2112 3212	2321 1223
Am	2223 3220	2112 4324	3323 1222	1231 1122	1113 1223	2212 0021	0111 0021	2221 0132

**Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1941--concluded

	17	18	19	20	21	22	23	24
Go								
Co	1476 6643	2246 5553	3225 5223	2222 1011	2112 3112	2022 3534	3544 5201	1103 2001
So	3334 5875	4234 3565	6322 3235	4122 1145	5221 2144	3111 1376	5532 2314	3100 0033
Le	3233 4655	2232 3453	6322 2224	2122 1032	3321 2123	3112 1354	4422 2213	2111 0033
Do	3333 5755	3223 3565	7322 3224	3122 1033	3321 2233	3011 1444	3521 1214	3100 0033
Me	3576 5533	1376 5442	4124 3313	2131 1101	2201 1111	1022 1223	4653 3111	0101 1010
Si	2476 5643	1256 4332	3113 3212	2131 1011	2102 2111	1021 1322	3533 3111	1112 0011
Es	3243 3455	2232 3443	4222 3223	2122 1122	3321 2223	2121 2345	3422 2313	2111 0133
Sl								
RS	3343 5555	2243 3444	5222 2123	2122 1132	2221 2133	3111 2444	2322 2213	3112 0033
Ag	3645 4443	2344 3233	7223 3123	4132 1121	5322 2212	2012 2333	5433 2222	0011 1010
Wi	3222 4565	3233 2443	4321 2123	2112 1132	3212 2123	2111 3444	3322 2313	2112 1133
Ab	3343 4555	2233 2453	5222 3213	2122 1132	3321 3223	3112 2455	3422 2313	3211 1123
Sr								
Ni								
Ya	3343 6653	3233 4553	4313 3133	1221 1122	3322 1333	2121 2434	3333 3411	1111 1111
CF	3333 3555	2223 2444	5223 3113	2122 1132	3322 2123	3112 2454	3322 2213	2101 0022
Ch	4443 3444	2344 3343	6233 3213	4232 1122	4322 3123	3122 2244	4433 2222	2111 1012
Za	3223 5664	1124 3553	5232 2033	3011 1132	2232 2224	3111 1434	3232 2323	3111 0022
VD	3333 6653	2334 4553	5222 3133	3131 1132	2211 2123	2131 1434	3322 3413	3121 1112
Zy	3344 5544	2134 3443	5333 3133	1121 2222	2122 2222	3231 3433	2333 3312	1121 1121
SF	3252 4554	2143 2454	5231 3134	3022 2132	3211 2224	4121 3435	3434 3312	3230 0112
Tu	4453 4444	3343 3344	5233 3223	3232 2122	3312 3113	2122 2344	4432 2222	1111 0112
Du	3334 5655	2334 4443	4323 3224	3112 2332	3221 3223	3232 3444	2223 4322	2112 2123
Ke	4353 6654	3144 3554	5333 3233	3233 2231	3222 3233	2232 3444	2333 3322	2122 1133
SJ	4343 4244	2233 3243	5233 3124	3132 2223	4212 1122	2122 2243	3233 2112	2113 1112
Ho	3353 3342	3343 3233	4233 2112	2122 1112	2112 1112	2022 0232	1331 1113	2121 0010
ZS								
Hu	3233 5553	2223 4443	4223 4333	2121 3323	3212 4333	2011 3443	2323 4322	2111 2222
Ap	3344 2442	3233 2334	4333 2113	2322 1222	2112 2122	3221 1333	4332 1222	1212 2211
Ku								
Pi								
CT	4244 4432	2123 3354	3333 3313	3132 3221	2233 3122	2242 2224	1133 3301	2233 3011
Wa	4343 5544	2224 3343	2221 1123	4332 3123	3222 2223	3322 2344	3332 3212	1211 1122
To	3454 5543	3344 4454	5333 4113	2331 1124	3322 3323	2331 3344	4433 3223	2322 0122
Am	4444 4432	3283 3222	4333 3122	3221 1023	2211 1122	2121 1233	3432 2111	2202 0020

	25	26	27	28	29	30
Go						
Co	0041 2011	0000 3000	0345 5200	1566 3573	1234 2210	0001 2222
So	1101 1042	0101 1000	2222 2212	4654 3475	3222 2121	1110 1233
Le	1110 0132	0111 1000	0221 2112	4654 2575	2232 1111	1102 1132
Do	0000 1042	0101 2333	2121 2102	4554 3386	2222 2011	1000 0333
Me	0041 1120	0120 2010	0354 3110	4778 4473	1133 2011	0011 1211
Si	0031 1100	0110 3010	0243 3110	1677 2262	1233 2011	1011 1211
Es	1121 1132	1121 2000	0232 2213	4454 2364	2122 2111	1002 1232
Sl						
RS	0011 1142	0111 1000	0222 2212	4554 2364	2221 1111	1101 1232
Ag	0120 1121	0110 2110	0332 3210	3677 3343	2332 2120	2000 1232
Wi	1111 1142	1111 1111	0332 2212	4454 2464	2221 2111	1111 2332
Ab	1121 1132	1111 2111	1332 3213	4554 2464	2232 2111	1111 2232
Sr						
Ni						
Ya	1231 3112	0221 2100	1332 4221	3454 2464	3242 2111	1112 3322
CF	1121 1032	1211 1010	0312 3212	4454 2464	2222 2112	1101 1232
Ch	1121 1111	0221 1111	1332 2221	4555 2353	2232 1111	2111 1222
Za	1110 2131	1101 2000	0222 3212	3444 2564	2122 1011	1000 1232
VD	1231 2311	1131 2010	0133 3213	3454 2564	2131 1122	2000 1232
Zy	1231 3231	1221 3111	1322 3221	3444 2454	2242 2111	1221 2323
SF	1221 2211	0031 1211	0332 3213	5554 3565	1232 1211	1002 2222
Tu	1231 1222	1210 2010	0542 2322	4556 2452	2332 2112	2011 1232
Du	1231 2231	1232 2010	1333 2222	4455 3464	2232 2122	2112 1222
Ke	1232 3332	1221 2111	2442 3332	4555 2564	1343 2222	1102 1222
SJ	0122 1222	0110 1010	0333 2221	5444 3444	1232 1111	0112 1212
Ho	1122 2111	0110 2000	0532 2112	3655 3242	2232 1011	2101 1121
ZS						
Hu	1222 2322	1211 3221	1432 4432	3334 4673	1221 4322	0101 3431
Ap	1222 3122	2310 2011	2432 2332	4645 3353	1222 2222	3220 1222
Ku						
Pi						
CT	1230 2211	1232 1010	0333 3322	4253 3553	0332 1211	1222 2210
Wa	1121 2121	1222 2111	1332 3221	3455 3564	2232 2212	1111 2321
To	3332 3123	3321 2112	3332 3212	3465 3563	3242 2123	4122 2333
Am	1220 2112	2200 2022	3422 2211	3454 2352	2322 2122	1010 0212

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1941

	1	2	3	4	5	6	7	8
Go								
Co	2376 7775	4455 5430	0100 1224	3156 5333	2132 3353	3222 2301	0225 2100	0112 3411
So	3357 7877	6533 3431	0100 0455	5324 3364	0111 1455	2212 2323	2112 2133	1010 2344
Le	3245 8777	6542 3431	0101 0344	3222 2244	0111 1344	2212 2312	1221 1122	2111 1213
Do	3255 6778	5533 3430	0100 1244	3323 2253	0110 1245	3211 1303	1201 1232	1001 1333
Me	2268 8755	5664 3221	0200 0223	3235 4222	0131 1232	3331 2220	2223 1111	0211 1121
Si	1259 9865	4564 3220	0200 0123	3235 3112	0042 1132	2332 1101	1234 1110	0212 2111
Es	3344 8856	4532 3431	1111 1243	3213 3244	1111 2343	2222 2212	1311 2122	2210 2224
Sl								
RS	3255 8855	4533 3430	0100 0354	3213 2253	1111 1344	3212 2312	1211 1032	2111 2323
Ag	4457 6646	6643 2311	1100 2233	3323 3132	0231 1232	2332 2111	1133 2112	0121 2133
Wi	2134 6755	3432 2431	1101 1344	3213 3344	1111 2344	2211 1222	2222 1133	2111 2334
Ab	3245 6646	4533 3431	1211 1354	3323 2253	1111 2354	3222 2313	2222 2122	2111 2224
Sr								
Ni								
Ya	2245 9775	3333 5320	1211 0333	3235 5443	2121 3343	3222 2311	2233 2211	2211 3433
CF	3145 6655	4523 2421	0101 0243	3212 2243	1211 1244	3312 2312	1102 1132	2110 2314
Ch	3456 6536	5533 2222	1211 1233	3323 2142	1231 1243	3432 2202	2233 2112	1222 2123
Za	3145 6755	4532 4420	0000 1144	4214 4342	1010 1154	3111 0411	1111 1121	1010 2325
VD	3345 6755	4433 3432	1121 1344	4334 4343	1222 2354	3313 2322	1112 2223	1110 3334
Zy	2255 5655	3333 4422	1210 1243	3334 4232	1121 2343	1132 2133	1133 2222	0112 3333
SF	3336 7656	4553 1331	0111 1334	4334 2351	0033 3364	3324 3413	1221 1122	1222 3335
Tu	3355 5564	4543 3422	1300 1234	3324 3222	1231 1343	3322 2111	2233 1121	1212 2212
Du	2346 7765	5533 3432	1111 3455	3333 2333	1221 2444	3312 3322	1222 2233	1111 1333
Ke	2257 7655	4443 3432	2322 2344	3334 3331	1332 2354	3323 3311	1433 2222	1222 2322
SJ	2245 6355	3423 2311	0111 1233	3222 2222	1122 1233	3313 2211	2213 0221	0112 1112
Ho	1455 5533	2443 3222	1210 1234	3123 3121	1120 2222	3323 2101	1222 1111	0011 2222
ZS								
Hu	1246 7654	2323 3432	1101 2454	3113 3443	1121 3553	3311 3321	1212 3322	1111 4332
Ap	3446 4433	3343 3212	3121 2224	3233 3233	3222 2242	3323 2112	1322 2112	3212 2113
Ku								
Pi								
CT	2247 7545	2423 2322	0122 2334	3243 2241	1243 2343	3333 3322	1112 2122	0112 1123
Wa	3346 7653	4433 3322	2212 1243	3434 4232	2221 2243	4333 2212	1122 1221	1112 3322
To	2356 7654	4543 3432	2321 1334	4334 4232	1221 2242	3423 2221	3333 2113	3322 3323
Am	1356 6544	4553 3112	3211 1232	4334 4232	2322 2222	3412 1112	2222 1101	1100 2021

	9	10	11	12	13	14	15	16
Go								
Co	0026 6301	1133 4400	0002 3000	0002 3300	1033 5452	4446 5543	2111 5300	2532 2211
So	1011 3225	2111 2202	0100 1000	0000 2321	2000 3565	5533 4475	2221 2015	5521 1012
Le	1002 2214	2111 1101	0101 1000	0101 1221	2121 2553	4423 3355	3222 2104	4432 1112
Do	1002 2013	1110 2201	1000 1000	0100 2331	2010 2553	3423 4455	2222 2005	4522 0011
Me	0022 1111	1222 2110	0002 2110	0101 2110	0021 3232	5446 5433	1220 2221	4532 1110
Si	0023 4210	1132 3200	0012 1000	0101 2100	0021 3221	2435 5533	2330 3211	2511 0111
Es	1112 2124	2211 2201	0101 1000	0101 2212	2121 2342	4324 4344	2222 3114	3422 1112
Sl								
RS	2012 2223	2111 1202	0100 1000	0101 2321	2001 3443	4423 4455	3221 2104	4532 1112
Ag	0023 3213	1311 2320	0201 2110	0100 0000	1122 2221	5635 3343	2331 2222	3430 2220
Wi	1222 4224	2211 2311	1111 1110	1111 2221	2123 3443	4423 4455	3322 2114	3422 2212
Ab	1112 3224	2111 2211	1111 1111	1112 2211	2131 3443	5424 5455	3222 3214	3532 1213
Sr								
Ni								
Ya	2124 4312	2211 3311	0101 2210	1111 3310	1111 3342	3335 4444	2121 4213	3421 1110
CF	1112 2114	2212 2201	0100 1000	0101 2221	2111 2443	5423 4355	3222 2104	4422 1102
Ch	1122 3113	2322 1201	1212 1100	1211 2111	2123 3222	5535 3244	2331 2123	4532 1112
Za	0001 2214	1011 2200	0000 1000	0001 2310	2112 3552	4323 6544	2111 2213	4342 1111
VD	2123 3214	2211 3301	0101 2110	0101 3321	2122 3543	4434 5545	2222 3313	4332 1112
Zy	1223 3213	1221 3311	1221 2211	1123 3211	2223 3333	3324 4354	2221 3302	3442 1211
SF	2124 3235	2121 2311	0000 3552	5414 5454	3321 1000	0111 1211	2033 3113	4432 2213
Tu	1123 3212	2322 2201	0102 1010	1101 2112	1122 3431	4545 4345	2321 2213	4532 2222
Du	2223 4322	2211 2311	0022 1210	1110 3321	2122 3544	4334 4354	2221 3214	3333 1122
Ke	1334 3323	1212 2312	2322 2211	1223 3312	3233 4443	3234 4344	2312 3203	3431 1212
SJ	1122 1122	2311 1020	1101 0010	1111 2121	2123 3432	3434 4234	2212 3212	4421 0112
Ho	1033 2112	0121 2101	0011 1101	1102 1011	2112 3322	4334 3332	1221 3223	4431 0000
ZS								
Hu	1113 4322	2223 3310	0001 3221	1112 4221	1122 5442	3322 4432	1201 4223	4331 3331
Ap	2323 3122	2121 2112	1201 2023	2312 2121	2222 3322	2433 3343	2211 3213	5331 1122
Ku								
Pi								
CT	1233 3213	2222 2210	0212 2110	2113 3210	2123 4432	3224 4233	1222 2212	3332 1113
Wa	1223 3211	1222 3301	0111 2111	1112 3321	2122 4333	4323 4333	2221 3212	3322 1211
To	3333 4212	2422 3312	1221 2013	3212 2311	3222 4333	4433 4433	3331 3313	4342 1222
Am	3222 3112	2221 3101	1001 1000	2111 2120	2222 3221	4332 2234	1330 2202	3531 0102

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1941--concluded

	17	18	19	20	21	22	23	24
Go								
Co	0034 2333	2347 3310	0113 3311	1003 3300	0002 2000	0000 2200	0002 4411	2016 5220
So	3223 2446	2144 3322	2111 1122	1000 0201	0000 0003	2000 0222	2100 1435	4001 2333
Le	2223 1434	2233 2312	2011 1122	1001 1101	0001 0103	2101 1212	2201 2324	3001 2232
Do	2122 2535	2134 3312	2111 2222	1000 0200	0000 0003	0000 0222	2200 1424	2102 2242
Me	1043 2222	2366 3222	0012 2111	1001 1220	0010 0000	0000 1110	0100 2532	1112 1221
Si	0043 1231	2346 3111	0123 2101	1002 1110	0020 1000	0000 2010	0100 3210	1015 4120
Es	2222 1334	1233 3312	2121 2222	2011 1211	0111 1113	1111 1222	2212 2324	2112 2232
Sl								
RS	2223 1434	2243 3322	1011 1222	1011 1210	0100 0003	1001 1222	2200 2324	2101 2332
Ag	1132 1233	2233 2112	1101 1120	3000 1111	0000 1111	0000 0200	0210 1223	2203 3210
Wi	2223 3444	2333 2222	2122 1223	2111 2211	1111 1113	1111 1222	2212 2325	2212 3143
Ab	3222 1334	2343 3323	2122 2221	2011 1211	1111 1113	2111 1322	2212 3424	3112 2233
Sr								
Ni								
Ya	3233 1333	2344 3221	1223 1421	1111 2310	1011 1120	1111 1311	1111 3531	1114 4431
CF	2223 2334	2243 2223	1111 1111	2101 1211	0001 1103	1001 1212	2211 1324	3112 2132
Ch	2232 1234	3343 2223	2212 1111	3101 1122	1111 1111	2101 0210	1221 2323	2213 3121
Za	1112 1434	2132 2222	1011 1221	1001 1311	0000 0012	1000 1321	1110 2524	4112 2332
VD	2223 1433	2234 2332	1121 3331	1112 1311	1101 0112	1100 1331	2111 3524	2213 3333
Zy	2232 2343	2244 3232	2232 3322	2112 2211	2111 1122	1211 1311	1221 2423	2223 3331
SF	3123 1334	1143 2323	2131 2212	2010 2311	0031 0013	3002 1323	1312 3435	4112 3123
Tu	3242 2234	3345 3322	2223 1221	2002 1212	1111 0001	1101 1210	1211 2322	2214 4321
Du	2233 2333	2343 4433	1132 2221	2221 1211	1102 2212	1123 2311	1223 3324	3213 3332
Ke	3342 2232	2254 3333	2343 1232	2323 2302	1312 2123	1322 2312	2221 4233	3314 2431
SJ	2121 0223	2233 2223	1222 0011	2001 1222	2202 0111	2102 1201	1212 1322	2212 3111
Ho	2133 1122	2344 3223	1231 1100	2001 1101	0001 0001	0101 1200	2001 2323	2213 3120
ZS								
Hu	3121 2342	2334 4533	1221 3332	2001 2221	1101 2322	2101 2321	1111 3432	2212 3331
Ap	3133 1132	2344 3223	3331 1122	2101 2113	2302 0123	3302 1120	2212 2334	2223 3232
Ku								
Pi								
CT	3122 2323	1244 2223	2232 2111	0132 1101	0211 1012	2112 2200	1121 4323	2122 1012
Wa	2213 1233	3334 2222	2232 2222	1112 2211	2211 1112	1211 1211	2211 2422	1212 2121
To	2333 1233	3454 3333	3332 3323	3212 2322	2112 2013	3321 2222	3221 3432	3324 3332
Am	2322 1114	2453 2221	3321 1212	3201 2200	2112 1022	2220 1110	2211 3212	2314 3122

	25	26	27	28	29	30	31
Go							
Co	0000 1100	0110 4222	3223 3311	2113 2301	3134 2311	1001 3331	0000 1310
So	0011 0011	0111 1115	5311 1125	4311 1024	4111 1324	1000 1334	2100 0342
Le	0111 1101	1211 2204	4321 1224	3211 1123	3112 1323	1001 1223	2101 0222
Do	0000 0101	0222 2214	4212 1224	3121 2133	4112 1314	2000 1232	2100 0332
Me	0220 0001	0200 1112	2222 3111	1211 0011	2142 1111	2011 1221	1000 0210
Si	0120 0000	0320 2101	2211 2221	1212 1111	1143 1111	1001 2211	1000 0211
Es	1022 1111	1212 2214	4312 2224	3221 2223	3112 1323	1110 1333	2010 1222
Sl							
RS	1011 1100	1212 1213	4322 1234	3211 1123	4112 2324	2101 1333	3000 0322
Ag	0110 2100	0211 1123	3212 2012	2211 2012	3122 1222	0000 1212	1000 0230
Wi	1112 2111	1221 2124	4311 2225	3211 1122	4222 1314	1111 1333	2111 1232
Ab	1122 2111	1212 2214	4412 2224	3321 1123	4111 2323	2211 2433	3111 0322
Sr							
Ni							
Ya	3122 1111	1111 2321	2221 3222	2211 3112	2233 1423	1212 1331	2210 1311
CF	1111 1110	0211 2213	4313 2224	3312 1113	4212 2313	1101 2333	2110 0222
Ch	0221 0111	0221 1113	4322 3223	3322 2113	3232 1222	1111 2123	2100 1321
Za	1010 0010	1112 2213	3221 1123	2111 1122	2111 1012	1111 1542	1100 1221
VD	1222 1121	1222 2323	3312 2223	3222 2222	2122 1423	2111 2443	1111 1321
Zy	1122 1121	0111 2223	2222 3223	2221 2212	3132 1423	1121 2332	1111 1311
SF	1033 0010	1223 2214	5322 2234	3231 3223	3123 1323	1022 1444	2102 1331
Tu	0222 1111	1221 1223	4222 2232	2222 1113	4232 1222	1011 2222	2100 0221
Du	2133 2321	1212 2223	3322 3233	3222 2223	3222 3323	1222 3333	1121 2321
Ke	0243 1121	1313 3223	3223 3223	3322 2323	3342 2423	1333 2423	2321 1322
SJ	0232 0211	0211 0213	3312 1133	2221 1011	3121 1312	0111 1222	2000 1320
Ho	2132 0000	2110 1102	2122 2111	0121 1011	3121 0103	1000 2222	1100 1221
ZS							
Hu	0122 2321	1211 3432	3322 3442	1222 4432	3121 3543	1101 4342	1101 3432
Ap	3233 0210	1111 1104	2322 2312	1121 1222	2221 0103	3101 2222	2201 0213
Ku							
Pi							
CT	1142 4100	1232 2203	2123 1223	2112 1211	2121 2212	1111 2432	0110 0421
Wa	1112 1111	2112 2112	2221 2223	2222 1123	3211 1313	2221 2322	2111 1221
To	3223 1221	3331 3223	3222 2222	3232 2222	4332 1322	3221 2331	3221 1322
Am	0122 0012	1220 2122	3111 2212	1321 1103	3321 0201	1100 2222	2210 0211

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1942

	1	2	3	4	5	6	7	8
Go								
Co	0133 1000	0022 4533	2554 5611	2424 6645	3236 3542	2125 1432	2216 6100	0000 2101
So	0111 1111	0111 3555	3323 4435	3422 6456	4434 2474	2222 2555	3222 2232	1100 1101
Le	0011 0011	0212 3343	3322 2323	2422 3344	3323 2353	2212 2343	3312 3221	2000 1101
Do	0000 0010	0111 2353	3312 2323	3422 4436	3323 2364	1112 2454	2322 3230	2000 0002
Me	0010 0211	1021 3333	3454 4401	1523 5333	2456 3332	1234 1222	2413 4000	0010 0102
Si	0031 0100	0021 3332	2244 4422	1423 5434	2444 2222	1133 1221	1404 4010	0000 0002
Es	0101 1111	1222 3343	3322 2323	2422 4334	2334 3354	1222 2343	2213 3221	1010 1102
Sl								
RS	1011 0011	0221 3453	3311 2323	2432 4435	3323 2353	1222 1453	2312 2220	1000 1102
Ag	0000 0111	0122 2332	3443 3213	3422 4334	2544 3322	1323 3333	2413 3011	2000 1112
Wi	0111 1121	1122 3443	3222 3433	1422 4335	2333 3453	1223 2454	2323 3331	2011 1113
Ab	0001 0011	1221 3353	3332 3333	2432 4344	3334 3354	1223 1344	3323 3221	1011 0003
Sr								
Ni								
Ya	0333 1110	0132 4444	4324 2333	3333 5555	3345 3532	1--- ----	---- ----	---- ----
CF								
Ch	0111 1211	1232 3332	4443 2323	3422 4335	3544 2333	2223 2233	2413 3122	2110 1113
Za	0111 1000	0123 4553	3222 4423	1443 5555	3144 2344	2234 1454	3123 4221	1111 0101
VD	0112 1111	0222 4453	3322 4433	2432 5455	3333 3343	2323 2444	3224 4322	1111 1102
Zy	1111 1111	1133 2334	2332 2442	3243 3444	4333 4334	2112 3234	3221 3422	1121 0110
SF	0101 2221	1323 4344	4322 4443	2532 5455	3433 3454	1212 0344	3324 4121	2230 1214
Tu	1221 1112	1232 2343	4433 2332	3533 5444	3543 3343	2223 1232	2413 3223	1010 0103
Du	1222 2111	1222 4544	3334 4334	3443 3444	3333 2333	2233 3354	3323 2331	1122 2213
Ke	1332 1121	2442 4452	4333 4433	3443 5444	2434 3343	2223 3343	2224 3321	2221 2221
SJ	0101 1111	0222 3232	4422 2122	2423 4335	2433 2232	1111 1333	2401 1120	1000 0003
Ho	1221 0101	1232 3321	4433 4312	2432 3232	2333 2212	1212 1123	1203 2011	0000 1003
ZS								
Hu	0211 2331	1222 5553	4422 5422	2433 5554	2322 3432	1112 3432	2302 2331	1000 2203
Ap	3332 1233	3332 3232	4434 4223	2432 3324	3333 3222	2222 2333	3212 2022	2001 2024
Ku								
Pi								
CT	1321 1111	1232 4423	4323 3332	3334 4333	2223 3342	1112 3233	2223 2122	1132 2203
Wa	2221 1112	2222 4343	4323 4322	2333 4334	3224 2232	2223 2211	1112 2231	1000 1112
To	3322 1213	4333 4343	4443 4413	2443 4423	2334 2332	2323 3323	3334 3112	2220 1112
Am	3211 0112	3332 3222	4443 4322	2432 3334	2333 2322	2322 2222	3323 2112	1200 1113

	9	10	11	12	13	14	15	16
Go								
Co	0000 0210	2113 4411	1032 3200	0033 2211	0024 3110	0000 0000	1034 5401	0035 5422
So	1211 1113	3211 2423	3111 2242	1111 1253	1000 2121	0010 0124	1111 4523	2101 3452
Le	1200 0113	3211 2323	2122 2232	2112 1243	1001 1120	1000 0113	2021 2312	2212 2332
Do	2100 0011	3101 2313	3100 2142	2101 1152	1000 1222	2100 0013	1001 2312	2012 2431
Me	1000 0121	1012 2221	1131 3111	1033 1121	0021 2110	0000 0001	0033 2200	1024 4322
Si	0000 0120	1133 3221	1032 3121	0023 1112	0022 2110	0000 0011	0023 2211	0013 3122
Es	1210 1223	3221 2323	2122 2232	2212 2242	1112 2221	1110 0123	1022 2322	2112 2332
Sl								
RS	1100 0113	2201 2323	3111 2232	2111 1142	1000 2120	0001 0013	1022 3322	1111 1442
Ag	1100 1121	2222 2210	3031 3100	1122 2121	0021 2320	0000 0012	0032 2201	2112 3123
Wi	2211 1123	4221 2313	3112 1231	3222 2242	1111 2121	1111 1113	1121 3312	1111 3443
Ab	1111 1123	3222 3323	3121 3232	2222 2343	1111 3221	0011 1113	1021 3312	2211 2342
Sr								
Ni								
Ya	---- ----	---- ----	---- ----	---- ----	---- ----	---1 1112	1333 4411	1013 3331
CF								
Ch	2210 1232	3222 2321	3132 3212	2232 2222	1120 2321	1111 1123	1132 2212	2123 2232
Za	1110 0122	2122 3413	2011 2231	1111 1332	1000 1121	1100 0013	2011 1311	1012 2434
VD	1210 1223	3122 3423	2112 3232	1121 1331	1021 2221	1100 0113	2132 3422	0213 3333
Zy	2222 0123	2221 2332	2222 2323	2212 2134	2112 2322	1222 1112	2112 2331	2123 3333
SF	3220 1232	3231 2433	3122 3331	1221 3232	1002 3131	1131 2124	1132 3322	2220 2343
Tu	2220 0123	3322 2332	3232 3322	2132 1333	1121 2322	2201 0222	2132 3312	1222 3322
Du	2221 1232	2221 1232	2222 3332	2121 2232	1121 2221	2111 1123	1232 4412	2233 4543
Ke	2232 2232	2222 3423	2223 3231	2221 2322	1232 3132	3212 1223	1322 4412	2444 3342
SJ	3210 0133	3220 2100	2021 3101	1012 0022	0010 3332	2101 0122	0121 2111	2222 2222
Ho	2110 0033	2211 2222	2021 3001	1112 1022	0021 2122	2200 0113	2222 3212	1232 2212
ZS								
Hu	2110 1332	3212 3432	1022 4322	2112 3442	1112 3532	2212 2332	1121 5432	1221 4442
Ap	3220 1232	2212 3233	2222 2222	3312 2123	2322 2232	3310 0234	2222 3223	2322 2222
Ku								
Pi								
CT	2221 2221	2122 2322	2133 3221	1123 2221	0123 3221	3333 3122	1122 3311	1222 3222
Wa	2211 1232	2223 3322	2223 2222	2111 1222	2111 1111	2211 1122	3221 3212	1122 3232
To	2220 1233	3332 3323	2232 3213	2232 1223	3222 3222	3321 1123	3342 3213	2233 3222
Am	2220 0121	1421 2222	2222 3113	3221 1233	3222 2223	2221 0003	2332 3223	1232 3122

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1942--concluded

	17	18	19	20	21	22	23	24
Go								
Co	2156 4310	2125 3122	3445 3100	2102 1000	0021 2010	0112 6521	1124 3310	0003 2000
So	4223 3111	5312 2247	5433 2223	3111 1112	0001 1122	0111 3344	3111 2211	0011 1004
Le	3233 2210	4322 2225	3432 1113	3111 1012	0001 1112	0211 2333	2121 2211	1011 1003
Do	4233 3212	4222 2236	4432 1223	3121 0113	0000 0122	0101 2323	2100 1101	0001 0003
Me	1167 2111	2243 1112	3444 2111	1002 1110	0021 1010	0102 3212	1321 1100	0002 1000
Si	1256 2111	2243 3222	2443 1111	1113 2010	0021 2000	0112 4211	0322 1100	0002 2000
Es	3233 2222	4322 2234	3422 2213	3111 1112	0002 1122	0221 3222	2211 2211	1012 2012
Sl								
RS	4233 2211	3323 2235	4432 1112	3111 0112	0000 1022	0211 3333	2111 1211	1011 1003
Ag	4255 2111	4443 2223	4623 1201	3002 1101	0012 1120	0312 3123	2322 2200	0002 1110
Wi	3234 2222	4422 2155	3422 1123	2111 1212	1112 2112	1211 2233	2111 2211	1011 3212
Ab	4244 2222	4332 2235	4421 2213	3011 1102	0011 0122	0221 3232	3111 2111	1111 2113
Sr								
Ni								
Ya	2244 2322	3223 3223	3433 2201	2111 1212	0011 1121	0112 4322	1212 3300	0012 2001
CF								
Ch	4255 2222	4443 2234	4523 1212	3112 1212	0021 1221	1322 3222	2322 2211	0012 1122
Za	2134 3311	4323 2335	3332 2213	2211 1211	1001 0021	2021 4323	1111 2111	1001 0002
VD	3244 3322	4333 2235	3433 2213	3212 1311	1111 1221	1222 3333	2212 2210	1121 1013
Zy	2224 4332	2433 2322	4343 3221	1222 2121	1111 1212	1112 2332	2221 2231	0112 2111
SF	3234 2323	5333 3345	4432 1223	3111 3312	0011 3212	0221 3222	2212 3111	0022 2102
Tu	3355 2232	5443 2333	4533 1212	2123 1222	0021 1222	1222 4322	2312 1112	0012 1011
Du	3244 2222	4333 3234	4323 3333	3222 2222	2211 1122	2222 4443	3322 3322	2222 2122
Ke	3354 3323	4333 3234	4432 1210	2122 0222	1111 1111	2322 4333	2212 2310	1223 1012
SJ	3244 2222	5333 2244	4422 0001	2001 0110	0000 1010	2211 3211	1311 0010	0000 0010
Ho	2344 2323	4323 3223	2433 1001	1112 0010	0010 0000	1122 2211	0210 1000	0001 1012
ZS								
Hu	2233 4442	4322 4443	3321 2322	1011 1222	0101 1221	1112 3322	1201 3320	0011 2221
Ap	3344 3333	5323 3332	3433 0233	3112 1133	3211 2133	1332 2133	3221 3222	3311 2223
Ku								
Pi								
CT	2244 4322	3113 3233	3233 2212	2111 2100	0112 1121	1122 3222	1211 2100	0124 3212
Wa	2333 2212	4222 2123	3322 1112	2111 1111	1111 1111	1121 3222	2211 2111	1111 1112
To	4333 3212	4433 3333	3533 2213	3322 2111	3320 0112	3332 4212	3321 2211	2221 1012
Am	3443 3112	5323 2233	2423 1011	3212 0002	1210 0010	2232 3222	1320 1112	0112 1021

	25	26	27	28	29	30	31
Go							
Co	0004 3000	1111 1000	0002 1200	1234 5311	0000 1120	1213 2211	0003 0000
So	1001 1122	1101 1021	0001 1222	3311 2242	1100 1143	1111 1323	0000 0010
Le	1001 1121	1111 1001	1002 1222	3222 2232	1100 1132	2110 1222	1001 0000
Do	0001 2031	0101 0011	0001 1211	2221 1132	1100 0032	1000 1222	0000 1000
Me	0003 1111	0211 1000	0022 0100	2343 3111	0000 0000	2211 1211	0002 0000
Si	0003 2011	1112 1000	0013 0010	2242 4201	0000 1010	0122 1010	0002 0000
Es	1102 1231	1212 2011	0102 1222	2322 2122	1102 2232	2212 1221	0011 1010
Sl							
RS	1002 2022	1112 1011	0002 1212	2222 2232	1101 0132	2011 2232	0001 0000
Ag	0002 2211	2201 1100	0023 1200	3532 2010	0000 1112	2101 1200	0021 2100
Wi	1112 2131	1112 2111	1112 1222	2322 2121	1101 2233	1112 3321	1111 1111
Ab	1011 3231	1112 1110	0011 1312	2333 2232	1111 2233	1211 1221	1121 1100
Sr							
Ni							
Ya	0113 2221	1111 1211	0003 2311	2323 2322	1210 1232	2211 2232	2222 0211
CF							
Ch	1012 1112	2211 1001	0123 2112	3432 1121	1010 2112	2121 1111	1111 1100
Za	0002 1122	0111 1111	0001 1111	2122 4332	1010 0033	1122 1223	0110 0010
VD	0122 2232	1211 1121	0012 1321	2323 3333	1200 1233	2221 2333	0122 1120
Zy	2112 3222	1111 1111	1111 2221	1222 2332	2122 0123	3111 1223	2111 1111
SF	2014 3131	2233 3101	1000 3210	3310 3212	1011 2233	1200 2210	0032 0100
Tu	1003 2122	0211 1000	0023 0112	3342 3222	1000 1112	2211 2222	1112 1111
Du	1123 2221	1222 2111	0122 3222	2333 2332	1121 3322	2222 3322	1222 2211
Ke	1113 2221	1221 1111	1233 2321	2233 1232	0221 2322	2132 2323	2222 1211
SJ	0012 1001	1101 0000	0011 1101	3331 1121	0000 1001	1110 0211	0111 1210
Ho	1102 1001	1111 0000	0002 0001	3222 3200	0000 0000	0000 1100	0012 0101
ZS							
Hu	1012 3331	1111 2220	0011 3331	3321 2221	1000 4322	1111 3432	0121 2322
Ap	3222 2231	1222 2222	2312 1133	3312 3212	2021 2112	2122 1332	1221 1122
Ku							
Pi							
CT	2133 2121	1122 2101	0113 2310	3332 2312	0123 2233	1021 1212	0102 1111
Wa	1122 2122	1211 1111	1111 1112	3321 3322	2111 1221	2211 1222	2221 1112
To	4232 2122	3222 1013	2133 1212	3333 3321	1221 1222	2331 1222	2222 1112
Am	1112 1033	1212 1011	1022 1121	3331 3110	1100 0010	2220 1112	2110 0213

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1942

	1	2	3	4	5	6	7	8
Go								
Co	0000 2100	0146 5510	1121 2100	0011 2211	0437 5442	2337 5763	2126 2000	0003 2010
So	0000 1113	2233 3322	1111 1121	0011 1121	1323 4573	4435 3587	4322 2112	1111 1103
Le	1001 2111	1233 3312	2221 0221	0001 1011	2333 2452	4423 3455	4312 2101	1111 1102
Do	0000 2122	2233 3421	3210 0221	0001 2120	2323 3452	4433 3565	4222 2002	1000 0101
Me	0000 1211	1266 4311	1230 0010	0031 1121	0446 6331	3437 5533	2235 1100	0002 0002
Si	0001 1221	2144 4420	1331 2000	0021 2121	0336 5332	2337 5643	2234 1000	0012 1001
Es	1111 2111	2233 4312	2221 1111	0010 1012	1323 3352	4324 3454	3212 2112	1111 1102
Sl								
RS	0001 2111	2233 3411	2221 0221	0011 1021	1323 3462	4433 4555	4212 1202	1111 0102
Ag	0100 2111	1244 3320	3431 1110	0022 1111	0325 3232	4435 4433	4222 1001	0111 2211
Wi	0111 3122	2232 4412	2221 1221	1121 1112	2323 3462	4323 3543	3222 2111	1111 1112
Ab	0011 3122	2233 4322	3221 1111	0121 1112	1333 3363	4424 3555	4313 2212	1121 1102
Sr								
Ni								
Ya	1111 2321	1234 4531	2131 3111	0221 2122	1324 3443	3335 4553	3213 2110	1012 1207
CF								
Ch	0111 2222	2244 3321	3331 0111	0022 1122	1325 2243	4425 3434	4322 1111	1212 1212
Za	0010 1011	1133 4531	1011 1210	0011 1111	1334 4463	3444 5455	4213 1111	0011 0101
VD	1000 3222	2133 5421	1221 2211	0111 2222	0334 4463	4435 4564	3213 1101	0122 1101
Zy	1122 1322	2223 3442	1212 1211	1111 1222	2133 5345	3333 5455	3221 3221	1112 2121
SF	1021 3233	2243 4321	1231 3211	1023 3123	2444 3353	3415 4465	5213 2110	1111 2322
Tu	1111 2222	3244 3322	3331 1112	1022 1123	1435 3343	5535 4433	3223 1111	0112 1112
Du	1122 3223	2234 5433	2122 2212	0111 2222	1234 5454	3335 4554	3222 2222	1122 1111
Ke	3332 4232	3344 5422	2122 2222	1221 2222	2425 4454	3335 4554	3223 2111	2121 1111
SJ	1011 2322	2232 4322	3120 1122	0010 1022	1313 2133	5333 3434	3211 2011	1111 0112
Ho	0011 2222	2133 3201	1121 1111	0012 2113	1534 3323	4335 3422	3123 1111	0002 0011
ZS								
Hu	0101 3433	2232 5432	2210 1222	0011 3322	1312 4443	4322 5443	2212 3321	1021 1321
Ap	3232 3333	2333 3323	1221 1032	2121 2243	3434 3244	4325 3342	2123 2222	3111 1112
Ku								
Pi								
CT	2212 3232	2232 4222	1121 1001	0121 1212	1324 3233	2334 4453	3232 3110	0021 3201
Wa	2112 2223	4224 4421	2121 2112	2222 1112	2434 3443	4325 4443	2223 1121	2221 1112
To	2221 3223	3344 4322	2122 2121	3232 2232	4434 3443	3435 4353	3313 2122	3322 1222
Am	3120 3112	3333 3200	3220 1012	1121 2213	0425 3232	3425 3344	3213 1001	0211 0011

	9	10	11	12	13	14	15	16
Go								
Co	0023 3102	0012 5221	1111 4332	1000 0000	0100 2100	0003 3301	2435 5251	1244 3311
So	1101 1101	1111 2433	2111 1455	2111 0011	1211 1111	0012 2225	4223 3343	3122 2125
Le	1001 2100	0011 2323	2120 1233	1101 0000	3211 1110	0001 2113	3222 2143	3112 2114
Do	1000 1000	0011 3422	2110 2233	2100 0000	3211 2000	0002 2114	3122 3143	4222 3215
Me	0023 1101	0021 3221	1022 2222	1011 0010	2210 0011	0013 1211	1444 4231	1343 2111
Si	0013 1101	0021 3221	1022 2121	1022 0010	1100 2010	0013 1321	1342 4141	0333 2221
Es	2100 2001	0012 3333	2121 1233	1112 0010	3211 2111	0012 2113	3232 3233	3122 3224
Sl								
RS	2011 2100	0011 3422	2120 2234	2100 0010	3211 1110	0002 2213	3333 3243	4112 3324
Ag	0022 2000	0011 2232	3121 2222	0200 1000	2100 2211	0003 3223	4432 3131	2343 3223
Wi	1112 2211	1112 2423	2222 2343	1111 1111	3212 2221	1112 2314	3232 3343	3122 3324
Ab	2112 1101	1122 3433	2120 2333	1211 1110	3311 2110	0012 2223	3332 3343	3122 3224
Sr								
Ni								
Ya	2122 3101	1211 3331	2111 2332	1211 0001	3210 3111	1121 2222	2332 3241	2233 3312
CF								
Ch	1122 2111	1121 3232	3121 1132	1210 1011	4310 0110	0012 2223	4442 3231	2333 2123
Za	1011 1100	0111 4432	2111 1332	2100 0010	2111 0101	1011 1213	3133 3253	3223 2413
VD	2121 2201	1222 4433	2221 2333	1211 0110	2311 2011	0112 3313	3233 3453	3322 3414
Zy	1112 2221	2222 2432	2212 1233	3110 1101	1222 1211	1212 3331	2222 4243	3223 2331
SF	2112 0202	1021 4433	2220 2434	1122 3210	3220 1121	0122 3223	3142 4453	4123 4322
Tu	1123 2102	2222 3433	2121 2322	2111 0012	3321 1112	0013 2112	2452 2131	2332 1113
Du	0121 1211	2133 3333	2322 3444	2211 2021	2322 2012	0132 3323	3233 4342	2221 4323
Ke	0122 2212	1112 3423	1232 2332	2111 1012	1332 2122	3133 3323	3223 4243	3233 3323
SJ	0011 1001	2211 3322	1121 1222	1200 0011	3211 1111	0022 1123	3232 3041	2221 0013
Ho	0001 1002	1212 3300	1000 2222	2200 0012	1121 1001	0022 1212	0233 2230	2223 1212
ZS								
Hu	1112 3211	1122 4431	1122 3342	1111 2221	3111 3331	1022 4432	2221 3342	1221 3333
Ap	3122 2213	2312 3331	3311 3232	2111 1123	2312 1222	2022 2223	2333 3232	2333 3123
Ku								
Pi								
CT	1211 2101	1113 4323	1122 1333	2202 2111	2232 2201	0222 3122	2113 3142	3131 2321
Wa	2222 1111	1111 4422	1111 2222	2211 1112	2111 1111	2122 3312	3332 3132	2212 2112
To	2222 2102	3212 4322	3321 3232	2111 0122	2221 2223	3223 3314	4323 3243	3332 3313
Am	0212 1001	1211 3321	0220 2213	3111 0010	1120 1012	0212 1302	3323 3012	3332 2212

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1942--concluded

	17	18	19	20	21	22	23	24
Go								
Co	1313 0011	1000 0000	0000 1000	0123 2310	2443 0000	1222 2111	2232 7665	3355 3422
So	3311 0012	1111 0100	0000 1012	0111 2424	4211 1112	3101 1244	6311 6677	6534 4425
Le	3221 2112	2111 1100	0001 2112	0112 2323	3321 3112	3121 1233	4221 4786	7433 2224
Do	3212 0022	2100 0100	0000 1112	1212 0323	2311 3112	2210 1223	4110 3787	8333 3324
Me	2323 1010	1210 0110	0000 0110	0322 1211	2542 0011	2222 1111	2321 7744	5365 3223
Si	1313 0010	1111 0000	0000 1011	0232 1120	2342 0110	1222 1121	2321 8754	3355 2212
Es	3321 1111	2211 1100	0001 2121	1212 2223	2321 3111	2222 1222	4221 4665	5333 3223
Sl								
RS	3222 1122	2211 0000	0000 1121	1212 2332	2321 3112	2111 1132	4211 4676	5344 3324
Ag	3432 2021	3210 2211	0000 3111	0333 3222	2331 4210	3212 2123	3321 6445	6265 3123
Wi	3323 2122	2121 1111	0111 2122	1213 3233	3322 4112	2222 2233	5222 4666	4433 2224
Ab	3322 2221	2222 1100	0002 2122	1223 2333	3321 4112	3221 2233	4221 5475	5344 3324
Sr								
Ni								
Ya	2223 1010	2211 1110	1111 2111	2322 2222	3231 1121	2222 1232	2222 5575	4344 3423
CF								
Ch	4432 0020	3210 0110	0000 2121	2332 2222	2332 4121	3211 1122	3321 5434	6354 2223
Za	2221 1021	1111 0000	0100 0011	1111 1433	3222 1112	1022 0142	4121 4556	5244 2324
VD	3322 0121	2211 0100	0112 2121	1202 2423	3322 1122	2222 1233	4311 5555	4334 2434
Zy	3232 3110	1221 0100	0111 1212	1121 1232	2333 2111	1221 1223	3322 1554	4434 4332
SF	3324 2321	2234 1200	0122 2123	2333 1333	4322 4122	3221 1333	4321 6554	6335 3334
Tu	3312 0011	1200 0100	0010 2121	2321 1212	3332 3111	2231 1122	3321 5435	5253 2212
Du	3323 2222	2221 1112	1122 2121	1111 2322	2232 2121	2131 1233	4221 5665	4344 2324
Ke	3323 1122	2313 0100	1333 3132	2222 2421	2221 1111	1131 2233	3222 6555	4434 3323
SJ	3321 0020	2100 0000	0012 2022	2320 0112	2322 3112	3122 0122	3201 5255	5344 2223
Ho	2313 0010	1200 0000	0000 2121	2221 1110	2231 0010	0121 1221	2122 4453	4333 2212
ZS								
Hu	3212 1221	2111 2211	0011 3322	2323 3431	3322 3321	2111 2332	3212 5553	4232 4433
Ap	3323 1114	1423 2032	1312 2133	2331 2122	3333 2131	3322 2132	2222 4354	3433 3233
Ku								
Pi								
CT	2223 2111	1232 1100	0121 3121	2213 1212	2232 6611	2111 2233	3213 6543	5234 2223
Wa	2211 1111	2211 1111	1111 1112	2311 2322	2321 1111	1111 1222	3211 5444	4334 2312
To	4333 1022	3311 0012	3311 2122	3331 2212	3342 0012	2211 1222	3221 5555	4444 2312
Am	2222 0002	2211 0002	2220 1022	2311 1122	2332 0021	0321 1111	3211 4444	4443 1112

	25	26	27	28
Go				
Co	2114 2322	3132 1100	1002 1231	2234 6733
So	5211 2366	5211 1124	2111 1467	6313 7654
Le	4211 2354	3111 1113	2211 1245	4323 6643
Do	4221 2355	0211 1122	0001 0346	5303 5742
Me	2113 1223	1231 1010	0002 0221	1134 6623
Si	2213 1223	2121 1010	0002 0221	1233 7722
Es	3212 3354	2111 1122	1111 1343	3323 6522
Sl				
RS	4212 2254	3111 0012	1111 0343	3323 6533
Ag	3101 2235	4221 2011	0201 2333	3243 5422
Wi	3322 3355	3222 1123	2211 3443	3213 5532
Ab	4222 3355	2211 1123	1211 2444	4323 5533
Sr				
Ni				
Ya	2222 2244	2221 2112	1102 1442	3123 5423
CF				
Ch	3221 2234	3221 2021	0201 1233	3233 4422
Za	4211 1355	2221 0022	1101 0245	4124 6523
VD	3331 2354	3221 1132	0111 0445	3223 4323
Zy	3222 2234	4222 1212	2121 1143	3122 3432
SF	4132 3355	3101 3123	2123 0445	5334 7633
Tu	2112 1235	3211 1001	0001 1322	2233 4512
Du	3221 2244	2132 1122	1011 1434	3233 5622
Ke	2222 3346	2232 2122	1200 1444	3233 5633
SJ	3111 2234	3211 1001	0100 0322	2133 5321
Ho	2222 2233	2221 1010	0201 0321	2113 3412
ZS				
Hu	3212 4443	2221 3221	1112 3542	1123 7734
Ap	3232 3333	3321 2232	3212 1333	3113 2422
Ku				
Pi				
CT	3223 3355	3212 2122	1123 3335	3224 7532
Wa	2212 2343	2211 1122	1111 1332	2113 4522
To	3322 3333	3322 1122	3221 1333	2323 4522
Am	2222 2223	2221 0011	0000 0211	2103 3422

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1942

	1	2	3	4	5	6	7	8
Go								
Co	3378 6587	5535 6541	3457 6842	3346 4432	0556 5984	3566 5312	2236 6332	6435 5663
So	4398 7679	9723 5452	6445 5746	5324 3554	3333 3777	6644 3312	2133 3355	7723 3576
Le	3287 6568	8633 4432	4444 4643	3333 2442	2442 3686	5534 3302	2133 3333	7632 2454
Do	3286 7678	9642 4333	5455 5644	4333 3553	1443 3687	5534 3302	2133 3443	6723 3465
Me	2377 7675	6545 5432	3367 6743	3345 2322	0577 5765	4666 4213	2245 4233	6655 3352
Si	2278 9776	7623 5431	3356 7742	3434 2321	0445 5774	3655 3212	2146 5243	6544 3342
Es	2278 7556	6533 4432	3344 4534	3233 2443	1332 3564	4433 3312	2124 3333	5532 3354
Sl								
RS	3298 7565	7532 4432	3444 4634	2333 2543	1442 3665	4433 3402	1134 3434	5532 3464
Ag	3288 8575	7634 4332	4446 6533	4433 2232	2443 3665	5545 3112	2234 3244	5433 3244
Wi	3287 5465	5533 4531	3344 4534	2233 1542	1442 2665	3333 3412	2223 1433	5433 2354
Ab	3288 7556	6523 4432	3445 4534	3223 3443	2432 4665	3433 3313	3233 3444	5433 3454
Sr								
Ni								
Ya	3339 9485	6433 4322	4345 5833	4234 3331	2533 4684	3446 4213	4345 4322	5324 3543
CF								
Ch	3278 7565	7523 3322	3345 5433	3333 2332	2443 3655	5544 3213	3234 2154	6533 2244
Za	2288 7576	5632 4422	3244 4534	3424 2543	2441 3666	3424 2401	1223 4444	5422 2454
VD	3388 6666	5633 5432	3445 5533	3333 3533	2432 3665	3444 4302	3334 4444	5423 3453
Zy	3387 5554	6523 4331	3345 5433	3324 3432	1432 4555	3435 4312	4444 4333	4323 3343
SF	3188 7666	5524 4331	2345 4445	3233 2444	2333 3876	5434 3303	3124 2255	5543 2264
Tu	2288 6555	6513 2330	3335 4422	3333 2222	0433 1764	3544 3113	3234 3244	5533 3233
Du	2388 6656	6643 3431	4354 4432	2333 2533	1433 4655	3445 3313	3334 3344	4423 2353
Ke	3387 6555	5532 1430	3354 5533	3333 3533	1542 4655	3434 4323	3544 4343	5424 3453
SJ	3277 5465	6323 3221	2344 4432	3322 2222	1333 2745	4433 2103	3223 2244	5322 2344
Ho	2277 5454	5533 2230	2334 3422	2223 2221	0444 3554	3443 2103	3234 3334	6434 2232
ZS								
Hu	3277 6654	5312 4421	2223 4653	2322 3432	1332 4656	3323 2323	3213 3344	5411 4444
Ap	2277 5354	5533 3213	3334 3423	3233 3122	3434 3455	3443 2124	3334 3244	6424 2333
Ku								
Pi								
CT	2266 6355	4523 3322	3233 4433	3122 2333	2333 4765	4323 4213	3233 2233	4533 2453
Wa	3267 6565	5533 4332	3344 4422	3234 3422	1433 2555	3345 3213	3434 4333	5323 3344
To	3377 5365	5533 4332	3335 4533	4233 3332	3433 3664	4454 3212	3545 4222	5424 3443
Am	4377 5465	5422 4230	3334 3412	3323 2222	3432 2563	3543 3101	4444 3223	5423 3332

	9	10	11	12	13	14	15	16
Go								
Co	5554 5534	3405 4431	1433 0000	0023 0001	3336 6443	3356 6532	2132 6330	1011 0111
So	7833 3467	3213 2432	5211 1112	1111 1114	6525 5447	3234 3436	4213 3331	1111 1131
Le	6732 3435	3222 2431	4332 1112	2111 1113	4423 4335	3244 3314	3113 3231	2110 1121
Do	7732 3445	2223 2431	4310 0013	1010 0113	2010 0113	2243 4424	2214 3332	2001 1231
Me	6565 3334	2415 5331	1431 0010	0012 1011	3366 7423	2276 6322	2112 5212	0031 0111
Si	5644 4323	2424 3331	2521 0011	0012 1101	3337 7322	2156 5333	2121 5121	1021 0110
Es	6533 3435	2223 2441	3322 1213	2122 2213	3323 4335	2244 3424	3213 3331	2111 2221
Sl								
RS	6532 2444	2223 3432	4422 1002	2111 0002	4423 4324	3244 3424	2112 3332	2010 1130
Ag	6733 3334	2402 2331	4631 0000	3222 1212	4535 5234	3455 4334	3133 4231	0031 1221
Wi	5622 3434	3323 2332	4311 1112	2111 1112	3313 4335	3243 3423	2113 3331	2122 1231
Ab	6442 3445	3223 3452	4321 1013	2211 0113	4323 4335	3354 4424	3113 4432	2111 2221
Sr								
Ni								
Ya	5543 4533	1324 4531	2322 1200	2232 1012	4334 5333	2354 4422	3112 4442	1022 1231
CF								
Ch	6533 3335	3412 2332	4522 0011	3222 1002	4535 4334	3344 3334	3222 3232	1021 1122
Za	5533 2545	2223 2441	3342 1101	0022 0002	4422 5345	2254 4524	3112 5451	1121 0030
VD	5533 3543	3323 3442	3333 1111	1231 1112	4434 4445	3244 4534	3213 4452	1120 2231
Zy	5443 3444	2333 3432	3222 1101	3232 1112	4333 4344	3354 4423	3222 4332	2222 2122
SF	6534 3435	3323 3453	5432 0013	2101 0002	5434 5345	3354 4345	2232 5442	2022 2021
Tu	6532 2223	2413 1332	2521 0001	1122 1001	4434 5224	3255 3323	3121 2111	0020 1110
Du	4422 2344	2323 2342	3323 2111	1132 1112	3334 5434	2244 4423	1223 4221	1121 2121
Ke	5433 3444	1334 3442	2233 2112	1332 0112	2444 5434	2354 3422	2232 4441	2221 1220
SJ	6423 2232	3303 2432	3421 0000	2120 0001	4324 4213	2343 3213	3222 3221	1120 0220
Ho	5533 3223	1304 2442	3323 0000	0032 0002	4434 4233	2245 3223	2221 3111	1011 0011
ZS								
Hu	5523 3432	2312 3552	3421 1110	1122 2222	4323 5443	2333 4543	2222 3441	1012 2331
Ap	4433 3233	3313 2343	3332 1011	2232 0221	4434 3213	2345 3223	3221 3132	2222 1123
Ku								
Pi								
CT	5523 2425	1223 3342	3333 1101	1122 1101	3333 4235	3344 2324	2222 4331	1211 1111
Wa	5432 3433	1213 2331	2211 1111	1121 1111	3224 4323	3224 3422	3222 4221	1121 1121
To	5533 3434	3324 3431	3331 0001	2222 1002	4335 4333	3355 4432	2332 4331	2121 1112
Am	4423 3233	2214 2231	2332 0001	1221 0002	4425 4213	2345 3222	2222 3111	2121 0011

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1942--concluded

	17	18	19	20	21	22	23	24
Go								
Co	1133 1000	1025 5521	2333 3532	4455 3220	1456 3432	3436 3221	2214 3632	1235 4400
So	3122 1165	0013 3564	3113 3567	7522 1131	3324 3564	5432 4245	5212 3366	1213 3311
Le	3221 1133	0022 3444	2222 2445	7422 1220	3333 3454	4332 3233	3211 3244	1322 2201
Do	3122 1143	0003 3343	1123 3545	8422 2231	3333 4565	5333 3344	3212 3343	2223 3102
Me	2243 0101	0035 2322	1431 3333	4442 1110	1276 3322	4445 1111	1102 1312	1243 2200
Si	1133 0101	0034 3411	2222 3332	4453 1210	1267 4311	3445 3120	1212 3322	1233 1100
Es	3331 2232	1023 3434	2223 3444	4332 1220	3333 3443	3323 3233	3212 3344	1213 3311
Sl								
RS	3222 1131	0023 3445	2223 2445	5421 1130	3333 2554	4332 2233	3212 2244	1212 2301
Ag	4332 1121	0013 2423	2322 2433	5543 1220	4365 3334	5443 2333	3411 2333	2422 3110
Wi	3222 2233	1023 3444	2233 3445	5322 2221	3333 2543	3333 2233	3222 2353	1223 3311
Ab	3332 2233	0023 4444	2233 3445	5433 1230	3343 3444	4333 3333	4212 3344	1313 3311
Sr								
Ni								
Ya	2232 2231	0213 3344	2333 3533	3332 2220	3335 3443	2234 3232	2222 3523	2223 3311
CF								
Ch	3322 0122	0033 2334	2322 3334	5433 1121	4355 2333	5333 2134	3312 2333	3322 3112
Za	1132 1032	0013 3444	1124 3444	4322 1220	0243 3442	2233 3232	2212 2442	1001 2300
VD	2232 2233	0123 3444	2234 3444	4332 1231	2343 3543	3333 3232	2212 2442	2332 4401
Zy	1233 2123	2012 3344	3223 4344	4432 2222	1324 3244	3323 2332	3322 2244	2222 2331
SF	3332 3144	1033 4544	3244 3544	4323 1121	4443 3454	4343 2234	4211 2455	3323 4312
Tu	2232 0112	0023 2322	2223 2343	3441 1110	2345 3211	4333 1222	2212 1131	2322 2100
Du	2233 3222	1123 3444	2233 3554	4433 1221	2243 3443	3233 2342	2212 1342	2123 3311
Ke	2332 1232	0333 3454	3244 3433	4323 2221	3343 3543	3434 3233	2332 2343	3222 3311
SJ	3221 0112	0032 3222	2223 2245	5321 0111	2223 2322	3321 0021	2211 1132	3321 2110
Ho	1232 0101	0022 3312	2233 3233	3343 1101	1245 2201	2333 2121	2212 3222	2223 1112
ZS								
Hu	3221 1321	0023 3332	2223 3654	4321 1321	1233 4421	2331 3331	2111 4331	2222 4321
Ap	3232 0133	1222 3323	2443 3323	3343 1124	4455 3213	3433 3132	2222 3233	3423 2123
Ku								
Pi								
CT	2233 1022	0123 3434	2243 3533	3423 2210	2333 2243	3223 3123	3213 2344	2123 3311
Wa	1121 1222	1122 3433	2223 3443	3222 2221	2234 2422	2233 3222	2212 3342	2212 2211
To	2333 0123	2124 4432	2343 3443	3333 2221	3355 3423	3344 4122	2313 3432	2223 2301
Am	2233 1012	1223 3311	2343 3323	3332 2101	2245 2221	3234 2123	2312 3212	2222 1001

	25	26	27	28	29	30	31
Go							
Co	0104 4200	0027 6530	1102 1111	0102 0000	1214 7511	1122 5441	0213 3122
So	1112 2200	0133 5531	1312 2143	0011 1000	0212 3322	1121 3533	0111 3144
Le	1112 2200	0023 4421	1321 2233	1101 1110	0322 3322	1122 3433	0112 2133
Do	2112 3300	0034 5531	2302 2342	1012 2000	0321 3231	0120 4533	0212 3233
Me	0213 3100	0037 6411	1200 1101	0020 1110	1224 6411	0122 3222	0212 1112
Si	0114 3210	0027 6431	1101 1111	0020 2110	1323 6511	1022 4322	0233 2123
Es	2112 3211	1133 5532	2312 2233	1112 2121	2322 4322	2222 3432	1223 2233
Sl							
RS	2003 2200	0034 4531	1412 1133	1001 1000	1322 4332	1222 3532	0212 3133
Ag	1112 2210	0035 5522	2311 1132	2221 1220	1333 4221	2322 4322	0223 2224
Wi	1122 2211	1134 4522	2411 1133	1111 1111	1333 4332	1121 3432	1212 2243
Ab	2222 3201	0133 5633	2312 1133	2121 2221	1322 4422	1222 4432	1233 3234
Sr							
Ni							
Ya	1222 3211	2245 6541	2222 2232	1221 2121	1322 4422	2322 4331	2322 2233
CF							
Ch	1212 2211	1144 5533	2311 1222	2221 1221	2333 4312	1322 3332	1222 2234
Za	0111 1100	0035 5521	1111 1132	0002 1000	0222 5421	0022 3541	0124 4224
VD	2122 3200	0145 5532	2311 1133	1201 1110	1322 5422	1122 3542	0323 3133
Zy	1112 2311	1124 5553	2232 1212	3121 0111	1232 3443	1222 1333	1123 1212
SF	1233 2222	1244 5643	2421 1123	1022 3211	3323 5512	1233 5442	0134 4035
Tu	1212 2201	0145 4633	3211 2212	1100 1121	2433 4322	1221 3322	1321 2225
Du	1122 2211	1155 5532	2222 2133	1212 1111	1232 5432	2222 4423	1323 3233
Ke	2233 2211	2256 6643	2222 2123	1331 2221	3423 5522	0231 4422	2232 3123
SJ	1212 0111	0034 4532	3211 0012	2100 1121	2333 3211	0111 1321	1212 3334
Ho	1013 2200	0145 3533	3201 0021	2300 1221	3421 4212	3222 2232	2212 2133
ZS							
Hu	2212 3421	1144 5743	3312 3331	1111 3221	2331 5421	1111 4542	1211 3333
Ap	3113 2113	2244 3433	3201 2113	1200 0231	3421 3212	3222 2233	3221 1114
Ku							
Pi							
CT	1111 1200	1156 4432	3312 2112	1110 1100	3323 4411	0122 3331	1221 2113
Wa	1122 2111	1145 5532	2211 2132	1111 1111	1322 4211	1221 3532	2311 1124
To	2223 3111	3245 4432	2211 2122	2221 1111	2422 4312	2230 3443	2321 1132
Am	1213 3011	1145 3322	2201 1011	2210 1111	2411 4212	1220 2330	1222 1003

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1942

	1	2	3	4	5	6	7	8
Go								
Co	3211 2100	1156 6542	2565 5532	2477 5673	2226 5310	2102 2000	0010 3000	2464 4442
So	2212 3121	0124 5566	6543 4446	3456 4774	4212 3323	1111 1113	0101 2003	6633 4553
Le	2211 3221	1223 4454	5543 3335	3354 3783	3212 3213	2211 1012	1011 2102	5543 4432
Do	3322 3220	2213 4445	5632 3335	3354 4794	3312 3312	1202 2013	0000 1002	4633 4442
Me	2321 2100	1177 7332	2555 4333	1477 7554	2335 3200	1301 1111	0210 1001	3565 3331
Si	2311 2210	1147 7432	2564 4432	2388 8663	2214 3100	1302 2001	0110 2001	3464 3322
Es	2322 3221	2233 4344	4432 3244	3355 4673	3312 3312	2212 2113	1112 2112	4443 4532
Sl								
RS	2222 3221	1233 4445	4532 3235	3354 4673	3312 3312	2211 1122	0011 1102	4433 4542
Ag	2322 3210	1235 4344	3653 3243	4577 3464	3413 3201	2401 2111	1210 2110	5443 3322
Wi	2233 3221	2222 4444	4532 3146	3345 4663	3312 3313	1211 1113	1111 2211	4423 3442
Ab	2322 4321	1233 4345	4532 4245	3455 4673	3313 3312	2211 2113	1111 2102	5443 4532
Sr								
Ni								
Ya	2332 4211	1234 4553	2434 4333	3355 4992	2223 4311	2112 3011	2111 2111	3353 3432
CF								
Ch	3422 3311	1335 4334	4543 3244	3466 4454	3423 2112	2311 1111	1201 1011	4343 3323
Za	1222 3221	1124 5655	4442 3436	2255 4783	1112 3312	1120 1101	0010 1101	4454 2642
VD	2133 3222	1234 4553	3332 4224	2344 3663	2223 3312	2131 2111	1112 2111	3243 3542
Zy	1333 2422	1234 4555	3343 3324	3335 5555	3332 3331	1212 2211	1212 1101	1335 4333
SF	3432 5222	2335 4445	5544 4455	3456 4674	3323 4323	2221 0102	1111 2112	6533 4433
Tu	4432 3221	1335 4333	3643 2344	4575 4443	2423 2112	2312 1122	1211 1012	4443 4432
Du	3334 3221	2244 5443	3433 4245	3455 5653	2333 3322	1222 1122	2222 2212	4353 3442
Ke	3432 4221	2345 5453	3532 3344	4466 6653	1443 3411	2221 2122	2233 2122	4365 3442
SJ	3422 3321	1333 3433	3432 3244	3445 3652	3311 2112	1311 1011	0100 1011	4333 3422
Ho	3322 4310	1333 4331	2432 2233	2454 2433	2323 3111	2210 1112	0110 1011	4353 3422
ZS								
Hu	3322 5432	1324 4441	1432 4453	3444 4553	2312 3221	1211 2211	0111 2211	4332 4632
Ap	4431 4313	3334 4333	2535 4133	5454 3452	3313 3122	2211 2122	3211 2022	4354 3322
Ku								
Pi								
CT	2222 4110	1223 3334	3333 3345	2356 4662	2111 2212	2101 1112	0000 1111	5444 3421
Wa	2222 1111	2234 5542	2422 3434	2456 5652	2213 3211	1111 2111	1000 1101	2354 3332
To	3333 3111	2344 5533	3444 3333	3356 5652	2323 4221	2201 3112	0221 1111	3354 2433
Am	3321 2021	2333 4334	3533 3232	2456 4542	3214 3120	2201 1111	0100 1112	3343 2323

	9	10	11	12	13	14	15	16
Go								
Co	2215 4411	0000 0012	5676 6520	0122 3311	2211 6633	5323 1211	1000 2011	2465 4333
So	2122 3324	0111 1115	6644 5644	0102 3323	3122 5577	7535 3410	0112 2131	2223 3366
Le	2122 3212	0100 1114	6543 5433	0112 2312	3122 4456	8633 3421	0111 2111	2332 2355
Do	0123 4322	0100 1123	6444 6543	0203 3312	3123 4457	8335 3421	0222 2121	2322 3355
Me	2333 3311	0001 0012	6776 6610	0012 1222	1131 5424	6523 2210	0021 0012	1565 3233
Si	2233 3211	0002 1013	5678 8520	0012 2221	2111 5413	6322 2210	0011 1011	2564 3233
Es	2222 3213	1112 1213	4443 4433	1112 3322	3123 4345	6533 3422	1112 2222	2332 3334
Sl								
RS	2122 3323	0001 1014	4444 4333	0113 2212	3123 4455	6434 3421	0112 1111	2332 3244
Ag	1332 2222	0100 1124	5676 5320	1013 2232	3131 5335	6523 2322	1031 1022	3543 2244
Wi	2113 3213	1111 1222	4443 3433	1112 2212	3123 3455	5324 3411	1122 1222	2323 2234
Ab	3123 3323	1111 1214	4543 5433	1123 3312	3133 4355	5333 4421	0112 2111	2331 3235
Sr								
Ni								
Ya	2233 3311	1131 2124	3455 5411	2222 3212	2232 4334	4335 3312	1221 1131	2243 2244
CF								
Ch	2332 2223	1101 1124	5555 4221	1112 2232	3222 4335	5523 2322	1121 0022	3442 3234
Za	1122 3412	0001 0112	4544 5422	0134 2212	1122 3455	6425 2310	0012 0012	2123 2454
VD	1132 3212	0012 1113	2433 5410	1202 2121	1113 4245	4314 1410	0211 0112	2221 3344
Zy	2223 3422	3232 1122	3335 4442	1222 1322	1213 2433	4433 5322	2111 1112	2324 2234
SF	2233 3323	1120 3325	5544 4431	1000 1212	3032 4345	5433 3421	1213 0033	2333 2335
Tu	2332 2323	1111 0124	5555 5321	1112 2222	2232 4444	6434 3321	1121 1112	2443 2222
Du	2223 3323	1111 1223	4455 6543	2211 2212	1233 5544	4444 3422	1222 1122	2343 2234
Ke	2333 4222	1233 2223	3454 4521	2122 2222	3342 5443	5334 3422	1322 3121	2334 3344
SJ	2322 2323	1100 1024	4444 4213	1001 2123	3223 4334	5423 2321	0020 1012	1332 1234
Ho	1122 2212	2100 0123	5344 3221	0101 2111	1131 4333	6334 2321	0110 0111	2143 1122
ZS								
Hu	2212 4322	1111 2233	2355 3344	0101 3421	2122 4344	5423 4531	1021 1221	2332 3343
Ap	3313 3321	2300 0324	6444 4331	3311 2213	2231 4434	6433 2332	2102 0122	2342 1234
Ku								
Pi								
CT	1123 2333	1021 2223	4443 3321	0022 2111	2132 5354	4344 4311	1111 1022	2333 2234
Wa	3222 4212	1111 1112	3355 5422	1212 2221	1221 5443	4334 2211	1111 1122	2232 2244
To	2123 4312	2111 1113	3355 4313	2212 3211	2232 4433	5334 2211	2211 1111	2343 1233
Am	2223 2222	1100 0112	4454 3203	2201 1031	3231 4222	4324 1221	3210 1111	2233 1132

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1942--concluded

	17	18	19	20	21	22	23	24
Go								
Co	5577 6622	3456 6644	3345 5221	3114 4410	1100 1210	1000 0101	0225 4553	3234 3310
So	7745 5465	5334 5676	5433 3252	3212 3322	0011 2130	1100 1100	0333 5566	5322 3221
Le	6744 3433	4333 5545	4322 2332	3312 3322	1011 2221	2101 1100	0223 4444	5422 2321
Do	7744 4433	4333 5555	4333 3243	3112 3321	0110 3220	2000 0000	0223 5443	5232 2220
Me	5667 5513	4465 6534	3536 3222	2213 4211	1000 1120	1000 0210	0126 6433	3345 1010
Si	7687 6622	3445 5534	3435 3122	3112 3210	0000 0110	1000 0200	1124 6443	4334 2010
Es	5544 3334	3333 5453	3223 3332	3212 3321	1110 3221	2111 2200	1233 5543	4322 2321
Sl								
RS	6543 4333	3333 5444	3223 2232	3213 3321	0110 2220	2102 2000	0224 5544	5222 2221
Ag	7766 3432	4445 4335	4433 2232	3212 3322	2100 1321	2100 0111	0233 4443	5423 2211
Wi	6444 4333	3333 4353	3223 3231	3211 3311	1110 1111	1100 0100	0133 5442	4222 2221
Ab	5444 4434	3333 5454	4333 3332	3111 3321	1011 2220	2111 2101	0332 5543	5322 3321
Sr								
Ni								
Ya	3555 5532	3343 5443	3333 2231	3223 3310	2211 1211	2111 1100	1244 5443	3333 2220
CF								
Ch	7655 4433	4444 4345	3333 2132	3211 3322	2100 2222	2110 0101	1343 4444	4423 2111
Za	5444 3524	2233 5554	4222 2131	1112 3411	0000 1111	0002 2100	0143 5544	3221 1120
VD	4223 3422	3312 4432	2233 3021	2222 3411	1222 1111	2211 2211	2232 4333	3232 3211
Zy	4444 5543	2333 3544	3332 3323	1222 3331	1122 1121	1222 1110	1234 4444	3333 3222
SF	5535 5434	3334 4455	3333 2233	3223 3422	1032 2221	3132 2101	1464 5544	5433 3321
Tu	6555 4322	5444 3333	3424 3222	4212 3332	1100 2211	2100 0101	0343 4543	4333 2211
Du	4455 5443	3343 5543	2333 2231	2123 3221	1211 2211	1210 0111	1355 5544	4333 2232
Ke	4345 3343	2344 5443	3333 3232	2223 3322	2121 2211	2232 2101	3356 5543	3233 2221
SJ	6533 3321	4333 3233	3312 2121	3202 2322	2000 2111	2100 1000	1343 4533	4311 1110
Ho	4545 3222	3334 3333	2323 2111	2212 2111	1000 1111	1100 1111	0245 3422	3222 2111
ZS								
Hu	5533 4433	4322 4433	3322 3332	3213 3321	0000 3331	1100 1210	1243 6653	3322 2321
Ap	5545 4332	3334 3324	2333 3122	3202 2222	2301 1122	2111 1112	2245 3424	3311 2112
Ku								
Pi								
CT	5533 4323	1334 3344	2323 2231	2101 2311	1013 2220	2000 0210	0245 4423	3100 1210
Wa	4445 5532	3434 5433	3222 3231	2112 3421	1111 1111	1100 0001	1234 4432	3222 2111
To	4456 5522	3434 5433	3333 3132	3313 3322	2101 0111	1100 0101	1245 3323	4223 1112
Am	4455 4320	3434 4333	3333 3112	2111 3220	1100 0011	1100 0110	2234 3322	3212 1101

	25	26	27	28	29	30
Go						
Co	0110 0001	1100 0000	0112 5442	5424 5312	0111 0001	1113 5531
So	0001 1100	0111 1010	0113 3367	8323 3114	2201 1004	2013 4342
Le	0110 1110	1221 1111	1112 2446	7431 2213	1111 0103	2122 3331
Do	0000 0100	0000 2000	0002 3456	7323 3003	1100 0003	0122 4432
Me	0000 0011	1110 0101	0012 2233	6323 3112	2120 0112	1011 5211
Si	0001 0001	1110 1111	1012 2242	6322 3312	1131 0002	0012 5321
Es	0111 2111	1222 2211	1112 3444	5332 2223	2111 0112	1122 4333
Sl						
RS	0001 2111	1120 1101	0112 3434	5332 2202	2110 0002	0122 4332
Ag	0000 2110	0210 1111	0112 2333	6312 3013	2130 0013	1012 3233
Wi	1011 1111	1111 1111	1023 3334	5322 2112	1111 1112	1112 3332
Ab	1121 2011	1221 1111	1122 3444	5333 2213	1111 1103	1112 4333
Sr						
Ni						
Ya	0111 1101	0232 0001	2213 3444	5322 3122	1210 0002	2233 4332
CF						
Ch	0110 1112	0211 1101	1122 2334	7322 2123	2230 1213	1122 3233
Za	1001 0010	1111 0100	0022 1344	5213 1112	1022 1012	0021 4342
VD	2222 0011	2222 2011	1112 2333	4222 3212	2101 1000	2232 3232
Zy	1122 2111	1233 2111	1232 3234	4432 2322	3231 1111	2133 3443
SF	1230 1122	1232 2111	1033 2354	5434 4221	2210 1012	1223 4344
Tu	1110 1012	1211 1111	1022 3334	6312 2113	3230 0113	2132 4333
Du	2222 2111	1211 1110	1234 2354	5412 3112	1223 2101	1234 4432
Ke	2313 2111	2221 0121	3245 2444	5432 2322	3231 2112	1334 4433
SJ	1110 0020	0111 1010	1002 1344	5212 1022	2220 0002	2123 3233
Ho	0000 0011	0100 0000	2112 2334	5312 2222	1110 0011	1022 4332
ZS						
Hu	1001 1111	1110 2110	1012 4444	5322 2221	1221 1312	1123 5532
Ap	1201 1122	1102 0222	2322 2244	4432 2202	1221 0212	2222 3223
Ku						
Pi						
CT	1001 1100	0000 0100	0002 2443	5314 3212	1100 0012	1222 3233
Wa	1111 1111	1111 0111	1122 2332	4211 3112	2111 1112	2122 3322
To	2121 0102	2221 0112	3222 3333	4412 3112	2221 0001	1233 3333
Am	1000 0010	0100 0001	0012 2213	3311 2002	2110 0011	0122 3333

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1942

	1	2	3	4	5	6	7	8
Go								
Co	3554 3311	1225 5622	2314 3110	2122 2434	4346 3211	2334 3110	0115 3000	1101 0010
So	3334 2221	1123 4555	5222 2113	1111 3476	6422 3235	4212 2210	0112 1111	1101 1111
Le	3233 2210	0122 3324	3222 1113	2111 3454	7331 2213	2311 1220	0022 1111	1111 1111
Do	3333 3200	0112 3424	3212 1012	1102 3356	7320 2223	2212 2320	0002 1211	1000 2222
Me	2463 2102	1335 3322	3333 2011	1021 1233	5456 3112	2333 3100	0123 2000	1101 0002
Si	2553 2211	1335 3421	2333 3100	1111 1333	4435 1110	2322 1110	0023 2010	1101 0001
Es	3332 3211	1222 3323	3222 1112	2121 3443	5332 2214	2322 2321	1222 2221	1211 2222
Sl								
RS	2333 2210	0112 3333	2112 1212	1111 3443	6411 1213	1311 1310	0012 1111	0101 0122
Ag	3443 3223	0334 2234	4332 2322	2122 2345	5233 1122	3422 2121	0222 1221	1100 1222
Wi	3233 2211	1232 3323	2322 2112	1122 3345	5432 2113	3221 2221	1111 1122	1111 2122
Ab	3332 3310	0222 3333	2321 1113	1111 3454	5332 2314	1311 1321	1021 2121	1201 1223
Sr								
Ni								
Ya	2353 3221	3133 3322	2232 2212	2132 2543	4233 3213	3212 1211	2222 1122	2211 1222
CF								
Ch	3433 2222	1334 2233	4332 2122	2222 1455	5233 1123	2422 1221	1222 1121	2211 1222
Za	1122 2110	0012 3322	1111 1101	1011 2353	5021 1114	0001 1100	0000 0011	0010 0111
VD	3234 2311	2034 4333	3322 2112	1323 3565	7221 3324	3334 4323	2323 3133	2110 2333
Zy	3343 3212	2223 3323	3222 2111	3332 2443	5332 2222	3232 2312	1122 2122	2222 2222
SF	4441 1211	0233 1323	3221 3013	2100 3554	6333 3224	2312 3231	1231 2122	1333 1222
Tu	3443 2212	1334 2322	3432 2121	1222 2343	4334 2222	2421 1221	1222 1122	2211 0123
Du	3344 3220	0143 4432	2332 2213	1212 2443	4433 3223	2212 2222	1222 1131	1121 2221
Ke	2343 4212	0234 3233	2331 2102	1222 2444	5322 3122	2132 3322	0122 2132	1213 2222
SJ	2332 2121	0322 1222	3321 0112	1211 2344	3122 1122	2411 1310	0211 1112	2212 0122
Ho	2424 1211	1223 3311	1212 0011	1221 1334	3223 1002	0121 1221	0113 0122	1111 0022
ZS								
Hu	2233 3321	1222 3322	3322 2211	1211 2442	3212 1311	2311 1420	1111 1221	2201 1222
Ap	3434 1212	1223 3322	2223 0123	2322 1243	4334 3222	2233 2112	1203 1222	2302 1323
Ku								
Pi								
CT	3213 2110	1123 3222	1211 2113	1133 2443	6321 2013	1023 0111	0102 0221	0102 2222
Wa	2233 3322	2123 3322	2212 2111	1211 1353	4223 2112	1112 1111	1112 1011	1111 1112
To	3343 3311	2234 5421	2322 1110	1222 1454	4323 2112	0233 2111	2213 2111	1211 1211
Am	2333 2210	0223 4301	2222 0012	1221 1232	4333 2102	2222 1110	2103 1000	1001 0111

	9	10	11	12	13	14	15	16
Go								
Co	1110 0000	1100 2112	2220 0110	0000 0101	1200 0001	2453 4311	2234 4121	2114 4210
So	0011 1000	1111 1114	3111 1111	0001 2212	1000 1001	1333 3121	1213 2243	1112 2242
Le	0012 0001	2211 2222	2111 1210	0011 1222	1110 1102	1333 3221	0221 2232	1112 1231
Do	1001 0000	0101 1223	3210 0200	0000 2221	2000 0100	1443 3210	0222 2222	0002 2240
Me	1010 0101	1100 1003	2111 0110	1110 0110	0000 1110	2486 3220	1243 1113	0022 3121
Si	1000 0100	1100 2113	3111 1110	0001 1111	1220 0102	1364 2210	1233 1112	1122 2131
Es	1123 1112	1121 3233	3121 2211	0012 2221	1111 1212	2443 3321	1212 2232	1212 2332
Sl								
RS	0022 0111	2111 2223	3221 1200	0000 1211	2100 1111	2442 3310	0322 2232	1112 1241
Ag	1112 2232	3300 2124	3311 1111	0002 1122	1211 1201	2454 3330	1431 0132	0122 2032
Wi	1111 1111	1112 2233	3122 2211	1112 2321	1112 1112	3444 4311	1212 2132	1112 1131
Ab	0021 1111	2221 3333	4222 2210	1101 2211	1111 1212	2543 3421	1222 2232	0111 1232
Sr								
Ni								
Ya	2122 1011	1122 2213	2232 0220	2121 1311	3230 1102	4444 3221	3233 1232	2123 1231
CF								
Ch	2111 1021	3311 1134	3321 1111	0001 1132	2221 1112	3453 2332	2332 1132	1222 1132
Za	1010 0000	0010 0112	2110 0100	0000 1111	1000 0001	1442 2210	0111 1132	0011 0132
VD	2233 1122	2332 4343	4241 2201	3313 3323	3332 2122	5644 3322	2433 1333	3211 2141
Zy	1122 1112	3331 2233	3332 1212	2221 2221	2331 0002	3443 3222	2333 2232	2222 2231
SF	0023 2201	2221 3334	3233 1322	0033 2221	1001 2002	3553 4532	2233 0242	2213 2232
Tu	2121 1112	3211 2234	3222 1221	1001 1022	2210 0111	3554 2222	1322 1223	2122 2232
Du	2121 1112	2323 3234	3323 2110	1222 3332	2011 2212	4544 4321	1223 2232	1222 1231
Ke	2223 1001	2323 2234	3321 1201	0121 2221	1222 0101	4633 3321	2223 1233	1221 3232
SJ	1111 0002	2200 3233	3321 0212	0000 1102	1100 0101	3443 2221	1221 2141	2222 2132
Ho	1111 0101	2101 2233	3221 0220	0100 1110	0000 0101	2554 2211	1113 1021	1122 1121
ZS								
Hu	1122 3221	2111 2333	3211 2320	1001 2321	1211 1211	2332 2320	1221 2321	1111 2322
Ap	3311 0103	3222 2234	3321 0011	2211 2121	1220 1221	3555 2322	1204 1232	2422 1121
Ku								
Pi								
CT	1112 2111	1011 2223	2211 2111	0000 0200	1021 0201	2432 3311	1121 2132	1002 2230
Wa	1111 1111	1111 2222	3221 1111	1111 1111	1111 1111	2253 3221	1322 2133	1111 1142
To	2121 1001	2111 3223	2211 1001	1200 1211	1221 1100	2455 2221	2223 2122	2212 2032
Am	2110 0000	1120 2112	3210 0000	0000 0010	0010 0001	2343 3211	1123 1121	1102 2122

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1942--concluded

	17	18	19	20	21	22	23	24
Go								
Co	2111 1211	2223 1200	1232 1110	0224 1222	3112 3411	2153 0342	2221 3222	1310 1312
So	2101 1232	3012 2224	0112 1121	0011 1325	4312 3212	0132 2465	5222 2234	1211 2224
Le	2112 1221	3111 1223	0111 1210	0121 2333	4411 3322	1232 1443	3122 2322	1211 2213
Do	2100 1221	3000 2203	0001 1210	0002 2424	4102 3311	1232 2452	3122 2313	1210 2213
Me	1011 0112	1003 0101	1130 0001	0022 0213	3201 2223	1163 1233	2211 1123	1201 1113
Si	2122 1221	2113 0101	1141 0001	0013 1333	3102 2212	2152 2133	2211 1222	2201 1212
Es	2112 1321	2112 2223	1111 1211	0122 3433	3222 3332	2232 2343	3222 2322	1221 2322
Sl								
RS	2111 1222	2111 1223	1111 0211	0211 3433	4211 3322	1242 2344	3212 2323	1212 2222
Ag	2322 2123	3113 1122	1132 2121	1122 2334	5301 1323	1142 2243	4212 2223	1301 0213
Wi	1111 1111	1122 1113	1111 1111	0121 2322	4113 3321	1232 1343	3112 2322	1112 2222
Ab	2212 1331	2112 2223	1111 1211	0221 2433	3211 3332	2342 2343	3122 1423	1222 2332
Sr								
Ni								
Ya	2231 1232	2122 2231	2331 1121	2232 2433	3221 3223	2253 1442	3222 12$\ddot{2}\ddot{3}$	2211 1221
CF								
Ch	3322 1233	3113 1222	2131 0212	1122 1334	5311 2223	2142 2243	4221 2223	1311 1323
Za	1111 1122	2001 2101	1010 0010	0001 0413	3101 2211	0152 1234	3111 1122	1111 1122
VD	1214 3321	2201 1103	1112 2321	1233 3434	4323 3333	1353 4445	3332 3323	3343 3233
Zy	2322 2222	2222 2222	2222 1121	1212 3533	4322 2222	2253 2333	2222 2232	2222 2223
SF	3222 3323	32$\ddot{2}\ddot{2}$ 1113	1221 3101	0031 3543	4220 2433	3142 2344	3233 2412	1232 2223
Tu	2222 1222	2213 1222	2130 1111	1132 1324	5312 2223	2242 2233	3222 2223	1221 2223
Du	1122 1112	1212 2112	2122 3212	1121 2433	3121 2232	2253 3343	2222 3312	1221 2212
Ke	1233 1222	1323 2212	2320 1122	1211 3333	3221 2222	2253 2333	2312 1321	1311 0122
SJ	2101 1121	2101 0012	2120 0001	0021 1423	3201 2122	2142 1143	3221 1112	1211 1212
Ho	2111 0011	1112 1101	1131 0000	0112 2323	3200 2212	1242 1120	2221 1112	2111 1112
ZS								
Hu	2111 2221	2102 2221	2112 1311	0021 2432	3112 3322	1131 2$\ddot{3}\ddot{3}$3	2211 3321	1210 1321
Ap	2112 0020	2213 1111	1132 0122	1223 2322	4310 2212	3$\ddot{2}\ddot{4}\ddot{2}$ 1$\ddot{1}\ddot{2}$1	2322 0222	1$\ddot{1}\ddot{1}\ddot{1}$ 1$\ddot{1}\ddot{1}$3
Ku								
Pi								
CT	2000 1211	2112 0022	0112 2110	1021 3322	2312 1221	1031 1333	2121 1121	1210 1212
Wa	1111 1232	1111 1112	1121 1121	1111 1323	3221 3211	1242 1242	1121 1112	1110 1222
To	1212 1221	2112 2102	1122 1112	0112 2312	43$\ddot{2}\ddot{1}$ 3$\ddot{2}\ddot{1}\ddot{1}$	1243 1243	2221 1212	2210 2211
Am	1101 0010	2102 0000	1132 0001	2013 1212	3200 2112	1142 0031	1111 0101	1211 1000

	25	26	27	28	29	30	31	
Go								
Co	2211 0010	0100 1010	0124 4533	3455 5321	3313 2111	1222 1211	0123 2101	
So	5101 2111	0011 1100	0104 4566	4343 3344	2212 2121	3211 1032	1101 1212	
Le	3011 2110	0012 1111	0113 3454	4441 2233	2111 1221	3312 1121	1001 1111	
Do	2001 3020	0002 2200	0004 3443	3442 3332	2202 2220	3000 1032	0001 1201	
Me	3101 1100	0000 1010	0013 3333	2575 3112	2422 1101	1132 1011	1021 0100	
Si	2101 1100	1100 1010	0013 2333	2564 3111	2321 1100	2131 0010	1132 0001	
Es	2122 3120	0002 2211	0114 3454	2432 3323	2212 2221	3112 2121	1111 2211	
Sl								
RS	2001 2210	1012 2100	0214 3453	2432 2233	2212 2221	3111 1131	1101 1202	
Ag	2001 2000	0000 1111	0224 4344	1554 2123	2212 2222	3132 1211	1131 1111	
Wi	3111 2111	1111 1110	0123 3353	2442 3333	2322 3221	3112 2131	1111 1111	
Ab	3222 3211	1112 3101	0224 3454	3423 3333	2121 2221	3221 1222	1211 1211	
Sr								
Ni								
Ya	3112 1111	2210 1201	3135 3432	3433 2412	1222 2111	0131 1$\dot{0}\dot{1}$0	1131 1201	
CF								
Ch	3112 2111	1001 1112	0223 3334	2553 2224	2222 1222	3132 1122	1132 1111	
Za	3101 1000	1000 1100	0115 4553	3332 2333	2111 1110	1110 1110	0000 0100	
VD	4333 2110	0331 3001	2246 5665	4554 4444	3432 2221	3331 0212	1013 2222	
Zy	3212 2111	1111 2211	1235 3343	2443 3322	2322 2212	2122 2221	2221 1211	
SF	3212 3211	1022 3121	0244 4545	3333 3243	2202 2221	3222 2221	2231 2201	
Tu	3112 2010	1111 1112	0134 3333	2443 3223	2322 1222	2233 2122	2232 1121	
Du	3202 2110	1212 3211	1144 3443	2453 4333	2312 2211	2332 1121	1221 1211	
Ke	2122 1011	0101 2101	0135 3443	2542 3321	2312 1221	1222 2131	2231 2101	
SJ	2000 0000	0000 0000	0114 1324	1342 1022	2221 0112	2121 0010	1120 0000	
Ho	3001 0100	0001 0112	0124 3233	1441 3122	1121 1102	0122 1111	0001 1010	
ZS								
Hu	2000 3220	0012 2210	0113 3$\ddot{4}\ddot{4}$3	1321 3322	2221 1321	2120 1220	1111 1211	
Ap	300$\ddot{1}$ 0$\ddot{1}\ddot{0}$3	2201 0012	1124 3233	2552 3213	1$\ddot{1}\ddot{2}\ddot{1}$ 1$\ddot{1}\ddot{0}\ddot{2}$	0$\ddot{1}\ddot{2}\ddot{2}$ 1$\ddot{1}\ddot{1}\ddot{1}$	1112 0123	
Ku								
Pi								
CT	2002 2011	0002 2100	0234 3434	1312 3133	1101 1110	2002 1021	0101 1110	
Wa	2111 0000	0010 2111	0114 5443	2332 3322	2211 2121	2111 1121	1111 1211	
To	3101 1112	2011 1101	1114 4333	2443 4312	2312 1112	2222 1112	2221 0201	
Am	2001 0001	0000 1011	0113 4322	2543 3111	2111 1000	2121 0000	0022 0100	

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1942

	1	2	3	4	5	6	7	8
Go								
Co	1212 0010	1010 0000	2134 4421	1110 0010	1224 3301	2224 3100	2212 0010	1110 3010
So	2111 1132	0011 1100	1112 4435	3001 1122	3111 2301	1112 1101	1100 1010	1111 2100
Le	2111 1221	0011 2110	1122 3333	2012 1122	2121 2311	2221 1101	1112 2110	2111 2210
Do	2101 2220	0001 2100	1022 4333	2010 1120	2210 1300	2112 2200	2000 2000	2001 3210
Me	0021 0010	0000 1011	1033 3212	2011 0001	2122 1101	1114 1001	0211 0000	2100 2100
Si	0211 0020	0000 1000	1023 3311	2020 0001	1122 1201	2223 2000	2212 0000	1010 2100
Es	2111 2220	0001 2111	1023 4333	2111 2222	3121 3311	2222 2202	1221 2111	2221 3221
Sl								
RS	2210 1121	0000 1100	1012 4333	2001 1122	3121 2300	2112 1100	2221 1000	2100 3210
Ag	1110 0020	0100 1121	1013 3223	2011 1122	2132 1212	1223 2121	1221 1021	3111 2221
Wi	2112 1211	0001 1110	1112 3333	1101 1111	2111 2311	1122 2111	1111 2110	2111 3110
Ab	2110 1231	0111 2221	1122 4433	2121 1222	3122 2411	3232 1201	1121 3111	3111 3210
Sr								
Ni								
Ya	3222 1111	2121 1010	3233 4322	3222 1111	2233 1202	2133 3201	3111 2000	4121 2101
CF								
Ch	2211 1131	1111 1111	1113 3323	3122 1123	2222 1212	2222 1121	2221 1112	3211 2111
Za	0000 1011	1000 1000	2112 4313	2000 1111	2221 2200	1122 1101	1111 1000	0111 2100
VD	2233 2123	2333 1012	3234 5434	3222 2132	3132 3411	3454 1312	1333 2221	0024 4121
Zy	2232 2221	2121 1111	2233 4322	2322 1121	3242 2312	2343 2211	2222 1111	2122 2111
SF	2212 1230	0102 2210	1231 3423	2023 1122	3234 2333	3233 2222	2310 3322	2231 2210
Tu	1221 1231	1011 2111	1134 3323	2121 2223	2332 1312	2334 2213	3311 2011	3221 2221
Du	1232 1121	1212 2000	2233 3323	3233 1121	2344 3221	2333 2201	1211 2100	1221 2100
Ke	0222 2220	0212 2121	2233 4422	1121 2121	3341 2302	2234 1011	2202 1011	2202 1110
SJ	0210 1120	0000 2211	0013 2202	1000 0112	2221 0210	2222 1001	1220 0012	3210 1100
Ho	0211 1010	0001 1000	1122 3221	1110 0101	2232 1200	2223 1011	1210 1001	1010 0001
ZS								
Hu	0211 2220	1000 1110	1112 4422	1011 2211	2221 1411	2222 2210	1110 2110	2111 2210
Ap	2212 0103	3211 1022	0222 2223	2211 1112	3242 3300	2223 1012	2220 1001	1010 0001
Ku								
Pi								
CT	1122 2220	0111 2120	0123 4322	2022 2122	1121 0202	2212 1111	1112 2111	2111 2211
Wa	1111 1111	0011 1000	1012 2422	1111 0021	1122 3311	2223 2211	1111 1001	1111 1100
To	0110 1010	1000 1011	1122 3322	2111 0021	2232 2311	1223 2201	1321 0000	2110 2001
Am	1101 0000	0000 0000	0112 1220	2010 0000	2232 2200	1023 2000	1101 1001	2000 0000

	9	10	11	12	13	14	15	16
Go								
Co	1011 0111	1010 0000	2234 6533	3236 3432	3335 3523	3455 6221	2224 2001	2112 1132
So	0021 1001	0010 0110	1224 5565	6223 3433	3312 3455	4333 4323	3221 1111	2112 2231
Le	0021 1101	0101 0210	1223 4543	4223 3332	3312 3434	3332 3332	2211 1111	2112 2231
Do	0021 1001	0000 1100	1234 5554	5223 3422	3122 3444	3322 3332	2221 0110	1101 2233
Me	0010 0000	0000 0000	1243 4333	3326 3332	3235 2333	3434 5122	1121 1122	2233 2112
Si	0020 1101	0000 0000	2232 4432	2335 2322	3324 2333	3443 4121	1242 0001	1121 1231
Es	1021 1101	1211 1221	2233 4543	3223 3332	3223 3443	3332 3332	2221 1211	2102 2341
Sl								
RS	0120 0001	0101 0100	1224 5543	4223 2322	3213 3443	3232 3332	2311 0211	1111 2341
Ag	0021 2211	0000 0111	2243 4443	4334 2332	5323 2344	3442 3123	2342 1012	2122 3332
Wi	0011 1101	0111 1211	2233 4443	3222 2322	2322 3343	3233 3332	2211 1111	1112 2341
Ab	0021 1201	0121 1311	2334 5543	3333 3322	3224 3444	3333 3332	2321 1111	2111 2341
Sr								
Ni								
Ya	3111 1002	3101 0110	2344 5432	4234 2322	3332 2432	3323 4222	2322 0001	2223 2340
CF								
Ch	0022 1102	0001 1112	2232 4443	4433 2332	4323 2444	3442 3123	2332 1123	2222 2242
Za	0011 1001	0000 0111	1134 5442	3124 2422	2112 2353	3221 4231	1102 1111	1001 2232
VD	0113 2121	0212 1012	3244 5654	3335 4543	3324 3454	4454 6443	3324 3221	1232 3452
Zy	2221 2111	2211 1111	2244 5343	3334 2332	3223 2433	3343 4221	3323 2122	3322 3341
SF	0021 2200	0020 0211	2333 3443	3233 2322	3223 2445	3332 3332	2322 3122	2100 3352
Tu	0021 1001	0100 0122	2343 4543	3434 2332	4423 2444	3442 3223	2232 0122	2232 1342
Du	0111 1001	0211 2111	3233 5544	3344 4432	3233 3343	3344 4332	2333 2100	0233 2242
Ke	1200 3101	1233 1011	3344 5343	3234 2332	3133 3433	3343 4221	1111 0011	2112 1341
SJ	0011 1101	0100 0111	2333 4442	2332 1232	2322 2353	2432 3012	1221 0012	2111 1241
Ho	0000 0000	0000 0011	2233 4321	1224 2222	2223 1222	2332 3120	1122 1021	1121 1241
ZS								
Hu	0010 2111	0000 1211	2233 4542	2323 3332	3311 3453	3332 3221	1221 1111	2121 2451
Ap	2000 0001	1110 0222	2233 4323	3324 2312	3323 2243	2332 3122	3223 2023	3121 2231
Ku								
Pi								
CT	0011 1111	0000 0001	2133 4533	2122 1321	3313 3344	2211 3220	1112 1121	1121 2131
Wa	0011 0001	0100 0000	1223 4353	2224 2431	2223 1443	3333 4332	1112 1111	1111 2131
To	1010 0001	1120 1000	2223 4443	3234 2332	3223 2343	3443 4231	3223 1011	2110 2122
Am	0000 0000	0000 0000	1222 4332	2224 2321	3323 1233	2343 3110	2223 1000	1010 1021

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1942--concluded

	17	18	19	20	21	22	23	24
Go								
Co	2354 4222	2334 2110	3223 5653	3434 3321	2320 2101	1111 1121	1113 2322	3333 3410
So	2223 3212	5223 2100	3113 5667	3323 3232	2111 2000	0101 2111	1112 2443	5222 3214
Le	2223 3321	4223 1200	2112 4533	2322 3221	2320 2101	0100 1211	1111 2321	4322 2213
Do	0223 3221	4222 2210	3113 5523	2312 3312	2211 2000	0000 1200	0112 2221	3222 3303
Me	2345 3221	3334 1110	3013 4323	2364 2221	2310 1011	0021 1110	1001 1122	4341 1100
Si	2333 3221	2333 1200	3122 4333	2333 2212	1210 2000	0021 1101	1012 2212	2231 1110
Es	1222 3322	3223 2211	2113 4433	2322 3322	2322 2210	0111 2211	1122 3322	3322 3323
Sl								
RS	2223 3321	4223 2200	2213 4534	3322 3322	2221 2100	0011 2111	1111 3322	3222 2312
Ag	1333 3322	3234 2321	2123 4433	2443 2222	2320 1121	1111 2211	1111 2133	3221 2112
Wi	1123 3322	3222 1100	1113 3532	1222 2311	2311 1100	0100 1111	0122 2222	3222 3312
Ab	2232 3321	4213 2210	3123 4533	2322 3321	2322 2111	0101 1211	1022 3332	3332 3323
Sr								
Ni								
Ya	3124 3121	3223 2110	3223 5433	3232 3222	2112 2001	3111 2010	3223 3342	3232 2323
CF								
Ch	2323 3232	3333 1221	3232 3434	2443 2222	2311 2002	1111 1111	2122 2233	3321 2223
Za	2223 4222	3222 2111	2112 4525	2121 3111	0121 2000	0111 2111	1122 2422	3122 2212
VD	1324 4322	4333 3200	3224 5545	1433 4332	1233 3000	2332 3211	1133 4543	4343 4344
Zy	2334 3132	3223 2210	3333 4444	3233 3222	2221 2002	1222 2211	2233 3332	3332 3313
SF	2230 2131	4233 2300	2232 4543	2233 3321	1333 3100	0211 3311	1233 3333	3323 3333
Tu	2333 3222	3333 2221	3232 4433	2443 3122	2321 2100	0121 1111	2122 3223	3332 2222
Du	1334 3232	3333 3210	2233 5543	2333 3211	2323 3000	1232 3200	1232 3332	2233 3311
Ke	1333 3132	3223 2100	2223 5534	2232 3211	1332 3111	2232 1200	2233 3332	3351 2112
SJ	2322 2122	3222 1111	2222 3433	2333 1111	2310 2110	0010 1112	1122 3333	3220 1122
Ho	1123 1121	2222 0011	2222 3311	0222 1111	0210 0000	0100 1001	1122 3222	3320 1111
ZS								
Hu	1221 3332	2221 1220	2222 5542	2332 3311	2311 3101	0110 2200	0122 3322	3210 3322
Ap	3333 2022	3122 0112	1222 3322	2331 2122	3231 0002	1110 0212	2212 2212	3320 1213
Ku								
Pi								
CT	1221 2121	3212 1120	1112 4423	1211 1111	1100 1011	0011 2021	1022 2422	3310 1112
Wa	1123 2121	2322 1211	1111 5434	2223 2221	1211 1100	1111 1111	1122 2322	1222 3312
To	1223 2112	2222 2102	2222 5433	2333 2211	1221 1000	0121 1000	1122 2221	3331 3312
Am	1113 2010	2212 0111	2212 3222	1233 1101	0220 0000	0001 1000	1111 1222	3321 1102

	25	26	27	28	29	30
Go						
Co	2230 2311	2222 2111	1210 1221	1144 5531	3343 4332	3455 4322
So	4411 1142	1111 1232	1110 1101	0112 4635	5323 2443	4432 3444
Le	3322 1222	1212 1222	2211 2101	0122 3333	4322 3232	4432 3233
Do	2221 1231	0210 2222	1010 2101	1222 4333	4222 3331	3422 2333
Me	3320 1212	1121 1110	0210 0101	1144 2323	3563 2133	4665 2122
Si	1220 0112	1112 1121	0210 1101	1142 2322	3341 2232	3454 2122
Es	2221 2222	2222 2321	2212 2221	1122 4333	3322 3333	3432 3333
Sl						
RS	3221 1221	1111 1222	2212 1101	1212 4333	4222 3332	3432 3233
Ag	3321 1213	2311 2222	2300 1121	1133 3323	3442 2233	3542 2223
Wi	2221 1132	1112 1222	1111 1111	1122 4323	3212 3332	3333 2223
Ab	3221 2221	1221 2312	2222 2111	1132 4333	4331 3433	3432 3334
Sr						
Ni						
Ya	3331 1213	3222 2221	3121 2012	3133 3322	3343 2343	3343 3311
CF						
Ch	3320 1223	2311 1122	2311 1222	2233 3323	4341 2344	3542 2234
Za	1111 3121	1121 1111	1111 1001	1122 3423	4122 2433	3332 3322
VD	3333 2332	2333 3433	1332 3311	1313 4524	3233 4543	3444 4434
Zy	2321 1222	1222 1222	1322 2211	1233 3322	4233 2443	3443 3323
SF	3200 2322	2233 3432	2211 3312	2132 4433	3333 3444	4433 3334
Tu	3221 1223	2221 1222	1321 1212	2242 2332	4342 2344	4443 2124
Du	2213 3131	1222 2222	1222 2111	1232 4422	2444 4243	3434 4433
Ke	1222 1232	1112 2322	3133 2212	1232 3422	2222 2343	3423 3232
SJ	2110 2111	1210 1112	2311 0202	2231 1222	3332 2333	3423 1223
Ho	0120 0111	0111 2110	0110 1101	1122 2311	2231 2223	2352 2113
ZS						
Hu	2111 2321	1211 2321	2311 2211	2132 4311	3222 3433	3412 2323
Ap	3230 0123	3211 2111	2110 1222	2233 2332	3133 2223	4342 2113
Ku						
Pi						
CT	2121 1121	1101 1221	1201 1021	1122 3422	3232 2322	4522 1223
Wa	2222 1122	1111 2222	1111 2111	1222 3422	2221 2442	2322 2322
To	2230 1211	1221 2321	2310 2110	1232 3421	3222 2342	3443 3332
Am	1130 0210	1101 2210	1210 1100	0033 1421	1222 2221	3353 2022

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1942

	1	2	3	4	5	6	7	8
Go								
Co	3556 3321	2211 1111	1213 1021	0100 1010	0012 3021	1221 1110	2113 3122	3556 5544
So	3333 3321	1111 2244	1011 2110	1111 1011	0133 2211	2111 2313	3011 3123	4336 5355
Le	2232 2221	1111 1232	1011 2111	0011 1101	1022 3221	2111 2323	2111 2223	4334 4354
Do	2212 2321	1101 2232	1021 3010	0010 0001	0012 3322	2111 2313	2001 3222	3235 4354
Me	2766 2122	0000 0000	1022 0111	0001 0000	0011 2112	2131 1212	1021 2122	3567 5333
Si	2555 2121	1110 0110	1112 1010	0002 0000	0022 1111	2232 1121	1032 2122	3448 4423
Es	2333 3332	1211 2333	1111 3110	0111 1111	1122 3221	2112 2323	1121 3322	3344 5353
Sl								
RS	2333 2321	1220 1232	2010 3100	0111 0000	0022 3222	2111 2312	2000 3222	3335 5353
Ag	2554 2232	1321 2221	2022 2121	0001 1012	1022 2222	2142 2223	2132 2223	4455 3245
Wi	3333 2321	0111 2133	1111 2110	0001 0100	0012 2222	1111 2212	2011 3222	3244 4343
Ab	3332 3332	1212 2333	1111 2110	0012 1100	0121 3321	2122 3423	2011 3323	4344 5453
Sr								
Ni								
Ya	3234 2222	3121 2212	1222 2102	1221 1002	1233 2222	3223 2222	3232 2232	4356 3233
CF								
Ch	3543 2233	1210 1221	2122 1011	1012 0001	1011 1122	2232 2223	2131 2223	4344 4345
Za	2223 3222	1112 1113	2112 2100	0112 0001	2120 2211	1112 2212	2100 2122	4445 5254
VD	3444 4443	1111 2343	2333 3212	1333 1122	3344 4332	1344 3433	3213 3343	5456 6364
Zy	3434 2222	1222 1222	2333 2112	2222 1112	2233 2322	2223 3322	2222 2323	4355 4233
SF	3343 3332	2211 2333	2122 2100	0122 3220	1121 2222	2123 3433	1233 3333	5455 5355
Tu	3544 2223	1221 1222	2122 1111	0011 0000	1111 1122	1131 2212	1131 2222	3334 4333
Du	3434 3212	1221 2221	1222 1210	0122 1111	2132 3332	1124 3223	2222 2332	4245 5443
Ke	3423 3222	0222 2212	3234 2110	2331 2121	3222 2232	2134 3313	1112 3313	4355 4342
SJ	2342 2222	1111 2221	1111 1100	0010 1111	0001 1221	1121 2222	2122 2212	3333 4234
Ho	2343 1122	0121 0110	2022 1011	0010 0022	1001 1322	1222 2122	1112 2322	3344 3222
ZS								
Hu	3333 3331	1110 2220	2111 2210	1100 2210	1̈101 3221	1121 3321	2111 3322	2333 4433
Ap	3342 2121	2122 1023	2212 0122	2010 1012	1̈00̈1 1̈32̈2	3222 2121	2212 2213	3353 4112
Ku								
Pi								
CT	2332 3321	1010 1322	2122 1200	0010 2011	1001 2222	1013 2322	1112 2222	4323 4343
Wa	3344 2222	1111 1122	1121 1110	1111 1111	1111 2111	1121 1222	2111 1122	3344 4342
To	2445 2222	2211 1122	1112 1101	1111 0000	2122 2101	2123 1212	3222 2221	3355 5243
Am	2344 2111	2111 0001	1122 1001	0100 0000	0120 1001	2222 0122	2210 2021	2345 3233

	9	10	11	12	13	14	15	16
Go								
Co	4312 3433	3211 1113	4566 6733	3446 3232	3333 1312	1333 4432	2354 5434	3345 5222
So	5322 3345	4222 2̈3̈2̈3̈	5̈4̈4̈5̈ 6665	3325 4233	4222 2313	2214 4566	6333 4346	3234 3245
Le	3312 2333	2221 2223	5444 6743	2333 3332	3122 2321	2223 3434	3233 3555	4323 3233
Do	3221 2333	2220 2213	6434 7744	2224 3332	4122 2312	2222 4444	3233 4554	4223 3234
Me	3312 2223	2320 1212	3655 5621	2446 4221	0331 1222	2223 2323	1465 4334	3266 5233
Si	5301 2222	2311 1213	4667 7733	3445 4231	3433 1211	2333 2223	2354 3343	3434 3223
Es	4212 3333	2222 3324	4453 4543	2224 3442	3222 2321	2222 3433	2234 4554	3223 3333
Sl								
RS	3221 2333	2222 2313	4444 5543	2314 3342	4112 2322	2222 3443	2234 4555	4223 3333
Ag	5411 2343	3420 1224	5776 5544	2444 3332	2432 2232	3333 3234	2454 3454	3444 2334
Wi	3211 2221	3212 2223	4453 4443	1214 2331	3211 1211	1223 3343	3123 3555	4222 2223
Ab	4213 2333	3312 2324	4454 4543	3234 3442	4332 2331	2222 3433	2333 4555	3332 3333
Sr								
Ni								
Ya	3233 3322	3223 3221	4465 5533	4335 3232	3333 1222	3333 2223	3̈3̈4̈4̈ 3̈3̈5̈4̈	4333 3233
CF								
Ch	5222 2243	3411 1334	5565 5454	2444 3333	3422 2222	3333 3334	2354 3354	3444 2234
Za	3212 3322	2132 2112	3245 5543	2325 3222	3221 1211	1212 2334	2234 3555	3223 3234
VD	4334 4333	3333 3333	4546 6644	5464 4443	4333 3312	3334 4444	3334 4654	4444 4245
Zy	3223 3322	1232 1223	4444 4333	3335 3333	3333 2212	2335 3233	3344 3344	3334 3223
SF	4313 3243	2233 4335	6554 4555	3345 5553	4333 3321	3232 3424	2354 4555	4333 3434
Tu	5212 1232	2322 2224	5565 5344	2344 1222	3332 1101	2443 2223	1354 2345	2334 1223
Du	3222 2322	2333 2323	3555 6653	2435 4433	2322 2311	1322 3332	1344 3433	2333 3233
Ke	3333 2322	2343 3334	4544 4̈5̈5̈4̈	3345 3342	3332 2122	2232 3333	2255 3444	4344 3233
SJ	4310 1323	2321 1234	5454 5444	2323 2332	3322 1112	2233 2233	2333 2355	3333 1233
Ho	3212 1222	2222 2223	3465 3333	2444 3232	2222 1221	1322 2222	2343 3333	2223 1222
ZS								
Hu	4210 2332	2211 2̈3̈3̈3̈	4343 4443	2333 4̈4̈2̈2̈	2321 2230	1222 3423	1332 3444	3312 2322
Ap	3202 1224	1̈2̈2̈2̈ 2̈2̈2̈4̈	4465 3̈3̈3̈3̈	2444 3232	3222 1222	1322 1213	2332 3233	2̈2̈2̈3̈ 1̈2̈2̈3̈
Ku								
Pi								
CT	3212 2323	2203 2222	4342 3233	1223 2221	3312 1211	1112 2223	2224 3444	3223 2223
Wa	3211 2333	2221 1212	3555 5543	2225 2232	3222 1211	2222 2233	2234 4344	3333 3223
To	3122 2332	3222 1222	3555 5543	2435 3221	2221 1202	1323 2222	2244 4344	4334 3223
Am	3111 1222	2221 1112	3455 4433	2434 2121	2332 1101	1222 2112	2233 4233	3223 2112

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1942--concluded

	17	18	19	20	21	22	23	24
Go								
Co	3336 3221	2136 1011	2112 3110	1256 4422	4443 3321	2214 4121	2231 1221	2320 0322
So	6323 3321	2212 2211	1011 3211	1135 4355	7332 2344	3223 3213	5121 2453	2321 2255
Le	4322 2321	2112 1110	1111 2202	1233 3235	6332 2223	1122 3222	3120 2332	2321 1233
Do	4423 2321	2201 2110	1010 3212	1024 4244	7322 2234	2002 3212	3100 3332	3211 2232
Me	3335 3121	1033 1111	1002 2110	1366 4233	4553 1213	2122 3121	2131 1212	2320 2121
Si	2434 4110	1043 1111	2012 1010	1246 5233	4443 1211	2132 2221	1132 1211	2211 2222
Es	3323 2332	2122 1221	2112 3212	1234 4334	5323 2323	2223 3222	3221 3332	2221 2332
Sl								
RS	4323 2321	2212 1111	1111 2302	2233 3234	5322 2233	2212 3212	3210 2332	2321 1232
Ag	4434 2222	2033 2111	3212 2111	1144 3144	5434 2232	3222 3121	3131 2232	2321 2223
Wi	3322 2221	1102 1110	1112 3211	1212 2111	2121 1133	3212 2112	2110 1332	1212 0133
Ab	3423 2321	2112 1211	2121 3212	1244 4344	5322 3333	2113 3212	3122 3343	2322 2332
Sr								
Ni								
Ya	3333 2321	2234 2122	1122 2212	3245 3323	4232 2232	2122 3112	3232 2322	2222 1322
CF								
Ch	5333 2212	2133 1112	2211 2112	2244 3244	5443 1222	3221 2232	3231 2333	3321 1323
Za	2222 1211	1121 1100	1111 1110	1124 4344	4221 1122	1111 2112	3211 2342	2222 1232
VD	4444 3322	3234 2322	3123 3321	3345 5454	4343 2233	2233 4322	4342 3454	2432 3354
Zy	3434 3311	2233 2121	2222 2201	2245 3333	4322 2222	3322 2222	3322 3111	2222 2332
SF	3233 3322	2131 1011	1122 2210	1255 4444	5333 3333	2112 3222	4232 3343	3431 3332
Tu	4324 1112	1133 0101	1121 0110	2245 2233	5322 1212	2221 2121	2121 1212	2321 2233
Du	2424 3212	1113 2211	0123 3301	1245 4323	3232 3322	1222 2211	2122 1242	1222 3232
Ke	3433 3322	1122 1211	1123 2211	2235 3323	3323 2222	3132 4211	3232 2242	1332 2332
SJ	4322 0111	0012 2210	1122 2112	2135 2133	4321 0212	2212 1121	2221 1323	2310 2232
Ho	3223 1022	1123 0001	1010 1011	2135 2233	3332 2212	2101 2121	2121 1222	1320 2221
ZS								
Hu	3322 2321	2022 1221	2112 3220	1134 4232	4321 2311	2111 2220	1121 3431	2321 2321
Ap	3323 1212	3223 0003	3011 1211	2223 2323	3322 2213	1111 3112	4023 2323	1321 0223
Ku								
Pi								
CT	2223 2111	1121 1100	0121 1100	1235 3233	3213 2222	2112 2111	3001 1343	2212 2232
Wa	3423 2212	1123 1111	1111 2111	1135 3332	3322 2222	2211 3111	2121 1241	1222 1332
To	3323 2310	2134 1011	1212 2112	0244 3322	4323 2211	3221 3001	3131 1332	2311 1332
Am	3323 1000	1133 0012	0002 1102	1123 3121	3332 2111	2111 2002	3131 1220	1210 0121

	25	26	27	28	29	30	31
Go							
Co	4346 5433	1210 4123	4355 6433	2336 5222	3324 1212	2226 4221	2224 3311
So	5425 5356	3112 2136	6434 4456	5434 4353	5233 2213	5223 2243	4123 3222
Le	3332 4345	3121 2215	5333 3335	4332 3333	4322 2223	4222 3222	3221 2212
Do	3223 5355	2002 2114	6323 3345	3313 3333	4222 2213	4212 3233	3202 1212
Me	4566 6323	1121 2114	4224 5664	2635 4322	3333 1112	3335 3222	2234 2211
Si	3347 5233	1221 2124	4464 6233	2534 3222	2442 1111	2233 2121	1313 1002
Es	3232 4444	2221 3224	4333 4433	3332 3342	3222 2223	3223 3332	3222 3222
Sl							
RS	3333 4444	2012 2324	4334 3343	3433 3333	3232 1213	4322 3233	4222 3211
Ag	5543 4234	2220 2134	5463 4334	4543 2222	4322 1102	4223 2332	4423 1222
Wi	3313 4443	3011 2114	4323 3332	2322 2232	3222 1213	3222 2232	3212 2211
Ab	3332 4445	2131 3324	4434 4443	3332 3342	3222 2323	4223 3332	4221 3212
Sr							
Ni							
Ya	2345 5633	3332 3133	3444 4343	4333 3232	3233 2201	3233 3312	2222 3212
CF							
Ch	4543 3334	2221 1235	4453 3344	4433 3333	4332 2123	3323 2233	4313 1122
Za	3215 5454	1111 1125	4324 4444	3243 3232	3211 1111	4222 2222	2212 2211
VD	3336 6455	3322 4034	5334 5455	3444 4443	4334 3303	4333 4443	4424 3332
Zy	3335 4343	2222 2233	3433 4343	3433 3332	3333 2212	2233 2322	3322 2222
SF	3443 4355	3242 3335	3333 4435	4443 3343	4233 3332	3232 3332	3232 2232
Tu	4443 3344	2221 2135	4453 4444	3433 3334	4332 2233	3334 2233	3423 1222
Du	2334 5532	2233 2233	3443 4342	2543 3332	3333 3312	2222 3232	2222 3221
Ke	2324 4422	2322 2333	3434 3452	2554 3232	2323 1211	2333 3133	3113 2221
SJ	3333 3243	2120 1224	4342 3233	3332 2122	3322 1111	3222 1232	3212 2021
Ho	2233 2222	1121 2123	2343 3233	2323 2122	3232 1122	2223 3121	2213 1122
ZS							
Hu	3322 3433	1111 2323	4331 3433	3331 3332	3221 2221	3211 2221	3211 2222
Ap	2234 3133	2021 2334	2243 3233	3333 1022	2232 1122	3223 3222	2223 1223
Ku							
Pi							
CT	2322 3244	2122 2224	3222 3333	2212 2332	3202 0112	3123 2311	2102 1211
Wa	2336 5342	1121 2214	3443 4454	3423 3232	2332 1312	2233 3332	2223 3221
To	2236 5343	3111 2223	3443 4344	3434 3233	4333 1212	3334 3221	3213 3312
Am	1334 3132	2100 1104	3453 3234	3424 1022	4232 0122	3223 3112	2213 2112

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1942

	1	2	3	4	5	6	7	8
Go								
Co	1200 1101	1111 3211	2232 2211	1221 0110	0100 3121	1012 3522	3345 2122	2212 0101
So	3212 2112	1111 3233	3322 2223	1111 1221	1410 2113	1012 3445	5233 3366	2111 0101
Le	3211 1122	1111 2322	3322 2223	1111 1221	2112 2123	1112 4433	3333 2244	1110 2111
Do	3111 2122	1201 3323	3222 2322	1101 0221	2100 2123	2013 4433	3233 2244	2011 1111
Me	2310 0012	0101 2112	2222 1111	0210 0001	0000 2012	2112 2433	3355 3122	2110 0011
Si	2320 1102	2111 2222	2322 2221	1221 0110	1100 3122	2112 2423	3355 3212	2222 0111
ES	2211 2222	1121 3332	3222 2322	1122 2221	2212 2233	1113 4433	3233 2244	1122 3111
Sl								
RS	2311 2012	1111 2323	3221 2222	1112 1232	2110 2123	1112 4433	4233 2344	1111 2100
Ag	2311 2222	2212 2232	3222 1222	2221 1121	1100 2022	1011 3422	5354 2223	2010 1001
Wi	2211 2113	1011 2221	3112 2212	1111 1110	2111 2123	1012 3433	3133 2255	1111 1111
Ab	2311 2112	1111 3332	3321 2322	1232 2221	2212 2233	1133 3533	4243 3244	1112 3011
Sr								
Ni								
Ya	2112 1011	2132 2213	2333 2221	2232 1121	3112 2122	2033 2522	2243 2223	2221 1012
CF								
Ch	2310 1122	1121 2223	2322 1122	2321 0122	2210 1123	2122 3323	5354 2133	2111 0011
Za	1111 1012	1112 1111	1111 1211	1111 0021	1010 1012	0012 3431	3143 2223	0001 0000
VD	2212 2113	1133 2322	3233 3332	1334 0331	3123 3334	2334 4443	4344 3445	3031 3212
Zy	1221 2112	2232 2222	2322 2221	2232 1221	2222 2222	2233 3332	3244 3233	2222 1111
SF	2322 2223	3443 2332	3233 3433	1323 2232	3221 2233	2243 3533	4345 1344	2132 3321
Tu	2320 1212	1222 2323	2332 2222	1221 0222	2211 2222	2123 3424	4354 2243	2121 0011
Du	1233 3222	2223 2232	3222 2232	2312 3222	3212 2223	2233 2423	2344 2224	1223 3222
Ke	2231 2222	1233 2222	3232 2322	2223 1220	1222 1232	2234 2432	1245 3244	2221 2111
SJ	3210 1111	1121 2122	2221 1112	1210 0010	2210 1121	1123 2233	4343 1133	2210 0010
Ho	2210 1222	2221 1212	2112 1221	1121 0111	2111 1222	1122 3312	3242 1123	1010 0012
ZS								
Hu	2311 2211	1122 3312	2321 2321	1211 1211	2110 2221	1122 4433	4343 3323	2110 1110
Ap	3210 1122	2221 1212	3211 1121	2121 0212	2212 1122	1122 3313	3333 2132	2221 0112
Ku								
Pi								
CT	0111 1112	1111 3220	2111 1212	1100 2120	2122 2113	1132 2422	3234 2233	0111 0011
Wa	1211 1122	1122 1212	2222 2332	2211 1121	1111 2122	1112 3432	2243 2333	1110 1101
To	2201 1002	1211 2111	2211 2212	2221 0011	2111 2022	1222 3423	2254 2123	1211 0101
Am	1200 1001	2211 1102	2121 1112	1221 0001	2101 2010	1111 3322	2143 1122	1011 0001

	9	10	11	12	13	14	15	16
Go								
Co	0115 5411	3454 4562	2356 4311	2357 4221	2110 0011	2125 3000	0001 3133	3443 4343
So	0113 3220	2223 4565	3323 3212	2323 2214	3100 0002	2112 1101	0012 2255	5623 3376
Le	0112 2221	2222 3554	3222 3111	3222 2222	3110 0002	2211 2101	0101 2233	4542 2364
Do	0002 3210	2223 4554	2222 3110	2212 1222	3000 0002	2200 1100	0002 1224	4523 3365
Me	1104 3111	3362 5543	2365 2101	2365 3212	2010 0112	1022 1110	1010 0133	5643 2254
Si	0013 3220	3352 4442	2344 4102	2444 3132	2211 0001	1034 2001	1011 2143	3742 2344
Es	1122 2232	2332 4543	2323 3111	3222 2232	3111 1112	2212 2211	1102 2243	4433 3454
Sl								
RS	0012 2321	2222 3554	3322 3101	2223 1213	3110 1002	2221 1001	0112 2343	4432 3464
Ag	1113 3122	2343 3433	1444 2212	4443 2233	3100 2122	2023 1111	0011 1144	4652 2364
Wi	0112 2211	2223 4453	2222 2111	2122 2222	3101 1002	1111 2111	0012 1343	4322 3464
Ab	0133 3232	2332 4554	3323 3101	3233 2233	3111 2102	2212 3100	0001 2344	4433 3464
Sr								
Ni								
Ya	2123 3322	3332 3553	2333 2112	2234 2222	2211 1001	2113 0101	3102 2343	2442 3354
CF								
Ch	1212 3122	3343 3543	2443 2112	4443 1233	3100 0112	2123 1110	0012 1144	3542 2354
Za	0112 3321	2221 3454	3223 3110	1223 2212	2101 0011	2120 1011	0002 2144	4323 2255
VD	1334 4433	3334 4564	3345 4211	2234 2333	3203 1002	3224 1110	1333 3355	4533 3465
Zy	2123 3322	3322 3342	2333 3122	2233 2222	3111 0001	2222 2111	2223 2443	3433 4353
SF	0043 4333	3443 4554	4334 3100	1333 1232	3122 2002	3122 1211	0001 1154	5433 4455
Tu	0123 2122	2332 3542	2444 1022	3334 1122	3110 0001	2023 2201	1012 2243	4542 3455
Du	2223 4423	3333 3543	3323 3333	3333 2333	3312 2223	3202 2222	2213 3343	5323 3464
Ke	2224 3323	3333 4552	2324 3211	2232 3322	2221 0101	2031 2201	2122 2353	4323 3354
SJ	0111 3223	3331 3453	1332 2112	3323 1121	3000 0002	1012 1011	0012 1143	4322 2353
Ho	3012 3123	4432 3332	2343 3102	1333 1110	2111 0102	2013 1002	1012 1343	3542 2343
ZS								
Hu	0112 2222	3332 3541	2332 3211	3222 2320	3100 1110	1112 2200	0012 2232	4422 3553
Ap	2222 3232	4432 3321	2343 3121	3233 1120	2111 0102	3223 0011	2212 1132	4542 3243
Ku								
Pi								
CT	0112 2122	3333 2544	1112 2110	1222 1221	3000 1001	2010 0101	0002 1153	4323 2454
Wa	0013 3322	2322 3443	2333 2211	1124 3323	2111 1112	2122 1101	1112 2243	2423 3264
To	1213 4222	1332 3452	2334 3111	2133 3122	3211 0101	1223 1012	0112 1133	3443 3254
Am	2012 3112	2331 3332	2343 2001	2134 1021	2200 0001	2023 0001	0002 1222	4432 2253

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1942--concluded

	17	18	19	20	21	22	23	24
Go								
Co	3356 6533	2356 6434	3366 6433	3346 5221	2333 4211	2212 0122	4544 6753	3424 3442
So	6423 3466	5335 5446	5434 3457	5324 3243	2223 4334	5322 1215	6533 5677	4432 3476
Le	4323 3434	4233 3434	4333 3344	4423 3232	2212 3323	3333 1214	5433 4555	4322 3344
Do	5413 2335	4234 4445	5333 3454	5313 3233	2213 4233	4323 2214	5423 5665	4332 2454
Me	3464 4323	2165 4332	3276 5333	4355 4223	2332 3112	2432 0212	5655 6645	3433 2334
Si	3445 4424	2256 5334	3365 5333	3344 4232	2432 3222	2430 1113	3533 5743	4532 2333
Es	3223 4434	3234 4333	3334 4444	4323 3332	2222 4322	3333 2324	4324 5544	3322 3453
Sl								
RS	3223 3444	2333 4343	3333 3454	3323 3242	2222 4223	4332 2214	4434 5565	3322 3444
Ag	5442 3334	4455 3233	4455 4334	5434 3234	3442 2233	4432 1223	5644 4545	4522 2334
Wi	3213 3433	2123 4332	2223 3345	3222 3131	1112 3122	3312 1114	4322 4554	2112 3354
Ab	3233 4434	3233 4343	3233 4455	4324 4342	2223 4323	3432 3325	4333 5555	3323 3454
Sr								
Ni								
Ya	3244 3433	2245 5233	4343 4543	3234 4243	2333 4322	4422 2213	4343 3654	3332 2423
CF								
Ch	4433 3334	4344 3333	4444 3344	4334 3233	3441 2233	4322 0123	5533 3544	4422 2344
Za	2224 4534	2124 5443	1234 4544	2224 4151	1122 4112	2220 0014	3221 4444	1111 2432
VD	3435 4544	3345 6354	3344 5545	4234 6263	2334 5222	3432 2325	5444 6665	4433 3555
Zy	3234 4533	3344 4232	3334 4433	3234 4242	2333 4233	3433 1213	4433 4655	3332 2443
SF	4334 4445	3334 4355	4244 5555	4434 3242	2233 3323	4332 2224	5333 5554	4432 4454
Tu	4443 4434	3455 4334	3455 3445	4434 3233	2332 3222	3432 1223	4534 3646	4432 2334
Du	3333 3434	2235 4333	3343 3345	3223 3332	3313 3333	2323 3435	3333 4554	3334 4454
Ke	3234 3443	2244 4243	3443 3444	2224 4232	2224 4322	2432 1214	4433 5665	4322 2433
SJ	3321 3323	2343 2234	3333 2333	4223 2231	2332 2212	2432 0223	4332 2544	4322 1334
Ho	3334 2223	2244 3223	2354 3324	3334 2222	2231 2122	2222 1212	3323 2425	2322 1244
ZS								
Hu	3321 3433	2333 3333	3222 3433	3312 3332	2222 3322	2322 1312	4332 5544	3311 3433
Ap	3234 3222	2334 3223	3354 3224	4434 3223	1221 2113	2322 0224	4423 2334	3422 1233
Ku								
Pi								
CT	3213 3434	2223 4234	3123 3434	2223 3231	2233 3022	2222 1113	3223 4553	3322 2343
Wa	3225 3543	3335 5233	3234 5444	3234 5242	2322 4321	1332 1223	4333 4555	3332 3443
To	3335 4433	2246 5234	3454 5434	2234 5241	2332 3111	2322 1103	3333 4545	3421 3333
Am	3234 3223	3345 3223	3355 3224	3334 3222	2321 2111	2322 1003	3323 3434	2422 2232

	25	26	27	28	29	30	31
Go							
Co	3665 4323	3443 3223	2236 4410	0122 1111	0001 2111	0002 2110	1235 5410
So	3443 3246	3343 3254	6233 3320	0111 1111	0011 2133	1001 2221	2012 5334
Le	3342 2334	2322 2243	4222 3220	1111 1211	0011 1122	1112 2232	3122 4322
Do	3332 2335	3302 3243	4223 3320	0000 1112	0001 1132	0001 2231	3112 4322
Me	2764 3224	2453 2223	2345 3211	0132 1101	1011 1101	1211 2220	1343 4211
Si	3553 3223	2532 2233	3344 3310	0132 1100	0012 2000	0222 1230	2333 4200
Es	2333 3323	2323 3343	3233 3221	1221 1211	1112 2122	1112 2342	3223 3322
Sl							
RS	2433 3333	2233 2242	4323 3320	1111 1111	0011 1132	0011 1231	3112 3211
Ag	5763 2333	4532 3133	4343 2111	1133 1011	0010 1122	1211 2131	1232 3111
Wi	2331 2131	1112 2242	3233 3321	1112 1111	0012 2132	1012 3343	2213 3321
Ab	2433 3333	2323 3343	3233 3320	1121 1211	0121 1022	1121 2341	3112 3232
Sr							
Ni							
Ya	3433 2232	4333 3232	3344 4212	3232 1112	3122 2212	4132 2341	2132 4121
CF							
Ch	4653 3333	4532 2233	4243 2211	0132 1111	0011 1111	1212 1241	2232 3111
Za	2233 3132	1112 2234	3143 4210	2011 1111	0010 1111	0011 1141	2110 1230
VD	3443 3353	2332 3354	3334 4321	2122 1111	0321 3312	1202 2442	2323 5322
Zy	3433 2233	4332 2233	3333 3222	2232 1112	2222 2112	3322 2342	2232 3222
SF	2543 3133	3322 2344	4233 3220	0133 1111	0232 1422	1311 3351	3224 3132
Tu	3543 3234	4432 3232	4344 2211	1233 1122	1021 1112	2222 1241	2322 3212
Du	4442 2332	1323 3343	3353 3332	2222 3322	2310 2121	1213 3433	2323 4322
Ke	2441 2333	2322 2333	3344 3320	1200 0100	2212 1112	0222 2341	2213 3220
SJ	3542 1222	3321 2222	3232 1100	0010 1100	0010 1010	0111 2241	2211 2101
Ho	3432 3233	2321 2222	3133 2201	1123 0112	1011 1012	0001 1241	2232 3110
ZS							
Hu	2321 3322	3211 3331	3222 3220	0110 1210	0011 2211	1111 2350	1211 4320
Ap	2442 2123	3321 1133	2233 2332	3222 1032	4211 1023	3312 3332	2332 4112
Ku							
Pi							
CT	2333 2123	2212 3133	3133 2110	0012 2111	1111 1222	0021 3230	2233 2222
Wa	2433 2333	2322 3332	3334 4321	1122 1121	1111 2111	1111 1131	1222 4222
To	2443 3223	2322 2222	3234 3210	0223 0011	1121 2122	2211 2232	1333 4311
Am	2442 2222	2322 2122	2333 2210	1122 0000	0101 2000	0001 1230	2221 4200

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1942

	1	2	3	4	5	6	7	8
Go								
Co	2114 5530	2364 2121	2235 1110	1123 4100	1225 3511	1354 7633	3335 3421	2344 4111
So	1013 5553	2333 2246	3122 1100	1223 2231	1212 3343	3222 6547	2222 3414	2311 2210
Le	1102 3443	3242 2225	2112 1100	1112 2331	2321 2332	3233 4435	3212 2313	2222 1310
Do	2003 3331	2323 2225	3222 1100	1022 2330	1302 3341	3222 4535	1222 2412	2322 2210
Me	1012 4421	2274 2123	2243 1110	1333 2111	1324 2211	1465 5322	2353 2212	2343 3211
Si	2123 4421	3263 2122	2244 1120	2233 3220	2334 3311	2444 6534	2342 3221	2433 3120
Es	1113 3332	3243 2234	2222 2211	2123 2321	1322 3322	3233 4435	2222 2313	3222 2321
Sl								
RS	1113 3431	3343 1124	2212 1100	1022 2332	1311 2342	3233 4445	1222 2422	3222 2210
Ag	1212 3222	4363 2234	2233 1111	1333 3322	2423 2332	3355 5425	1442 2333	4342 2221
Wi	1002 3431	3232 2112	1112 1100	1012 2231	0312 2242	2123 3444	2122 1313	2221 1211
Ab	2113 3432	3343 2234	2223 2100	1123 3431	1322 2332	3233 5535	2223 2413	3222 1311
Sr								
Ni								
Ya	1233 4331	3343 2233	1233 2301	3123 3310	1123 2222	---- ----	---- ----	---- ----
CF								
Ch	1113 3222	4352 1134	2232 1111	2223 2211	2423 1122	3354 4335	1442 2223	3332 0122
Za	1102 3421	1142 1223	2111 1100	1111 2221	0111 2131	2223 4534	1111 1301	2131 2220
VD	1133 4552	2343 4334	2254 2341	2224 4431	0333 4443	3344 5656	3343 3413	3333 3412
Zy	1323 4221	3343 2233	2233 2200	2323 3321	2333 2232	3343 4555	2333 2322	3322 3221
SF	2113 4242	3343 3335	3234 1211	2214 4422	1324 4233	3244 6545	3233 3423	2223 2432
Tu	2114 3322	3343 2233	2233 1102	2233 2212	2433 2332	2354 3325	2342 2323	3333 1222
Du	1223 4542	2353 3333	2335 2333	2323 3322	2323 3343	2223 5544	3413 4434	3222 1112
Ke	1022 2331	3132 3233	1022 1102	1324 4431	2334 3332	2243 5544	2232 2313	3322 2222
SJ	1013 2212	3342 1213	2221 0112	2112 3422	3313 1122	2343 3234	1232 1212	3221 0011
Ho	1114 4221	2343 1123	1223 0112	2112 3411	0113 1222	1343 2325	2332 2212	2223 1101
ZS								
Hu	1013 3321	2342 2322	2211 2210	2222 3421	2311 2321	2233 3454	1221 3422	3221 2321
Ap	3224 4232	2344 3323	1233 1113	1313 4323	1223 2333	2343 3225	3332 2213	3223 2233
Ku								
Pi								
CT	1023 4432	3233 2234	2222 2211	1133 3321	1233 2122	3133 5434	0222 1212	1111 1100
Wa	1113 5331	2343 2223	2224 1111	1112 2221	1223 3332	2333 5435	2333 2323	2222 2221
To	2113 4330	2243 2113	2334 2211	1213 3310	2213 2231	3332 4434	2333 2412	2222 2221
Am	2213 3221	1243 1013	1224 1011	2112 2222	2112 2112	2243 4234	2333 2212	2213 2112

	9	10	11	12	13	14	15	16
Go								
Co	1156 3111	1135 3200	1114 6434	4577 5534	3365 3434	5446 5534	3567 6432	2436 5334
So	1112 2131	1211 2223	2102 3467	8655 4575	6333 3356	5543 4476	5433 4453	4333 3457
Le	0112 1220	2321 3212	2212 3437	6755 3444	4323 3345	4433 3455	5533 3442	4332 2335
Do	0112 2120	2300 3312	2001 4457	7644 3554	5232 3345	4333 4576	5533 3565	4322 3336
Me	1345 2111	2333 2111	2322 5345	5587 5423	4456 2333	6455 4345	3776 4331	2644 4325
Si	1244 3001	2233 1101	2323 4344	4798 5434	3444 3333	4445 3434	3645 5333	3534 3333
Es	1222 2221	2322 3222	2212 4446	4455 4454	3333 3445	3333 3454	4334 3442	3332 3335
Sl								
RS	0212 2120	2320 3112	2202 3445	4454 3554	3223 3344	4233 3555	3333 4452	3333 2335
Ag	0232 2121	2332 3022	1331 4355	6666 3443	5435 2335	6533 3335	4553 3332	5533 2335
Wi	0112 1110	2321 2211	2112 3445	4454 3554	2322 2344	4322 2454	3324 3442	2322 2214
Ab	0123 2320	2322 3112	2213 4446	4455 4455	3333 3445	4334 4455	3334 4443	3333 3435
Sr								
Ni								
Ya	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----
CF								
Ch	0232 1111	3322 1012	2322 3355	5555 3443	5434 2335	5423 2435	4543 3332	4433 3335
Za	0012 1121	1100 1011	1002 3445	4425 4544	4123 1455	2222 2464	2333 4542	4341 2425
VD	2243 2332	1432 3212	2213 4566	5556 6674	3345 3666	4444 3466	4445 5543	5443 3645
Zy	3223 2121	2312 2112	2323 3444	4454 4444	3334 2444	4433 3344	3434 4432	3234 2434
SF	1222 3421	2321 3312	3114 4546	5564 4554	3334 3554	3333 2455	4435 3443	4333 4445
Tu	1233 2111	3332 1121	2323 4555	5556 3444	4444 3434	5433 3345	3544 2242	3534 3435
Du	0303 3333	3212 3322	1323 3344	4556 3555	2324 3454	3323 3433	3524 3342	1423 3344
Ke	2323 2121	1432 2122	2223 4454	4455 4544	2444 2555	4334 3444	3434 4441	2323 3333
SJ	1222 0011	3221 0121	1322 4353	5454 2443	3323 1343	4322 2335	3433 2331	2422 3324
Ho	1133 1111	2122 1011	1113 3435	3545 2333	3223 2234	3323 2233	3433 3221	3423 3223
ZS								
Hu	1221 2222	2211 2211	1313 4543	4443 4433	3321 3433	3332 3434	4332 3441	2412 3434
Ap	2123 2122	2232 1332	3223 4336	3545 3333	3333 1324	4333 2233	3433 2321	3423 3224
Ku								
Pi								
CT	0122 3110	1212 2201	1133 3545	3243 2454	3322 2334	2223 2344	2313 3332	3312 3324
Wa	2124 1121	2222 3222	2123 3344	4555 4554	3334 2444	5334 3344	3435 3542	3333 3323
To	3224 2122	2332 2221	2203 3345	4555 4433	3334 1444	3434 3334	3334 3441	3323 3333
Am	1224 1012	2122 0011	2113 3244	4555 3343	3324 1234	3334 2243	3443 2322	3423 3212

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1942--concluded

	17	18	19	20	21	22	23	24
Go								
Co	4357 6643	3335 5543	3356 5543	3227 7433	5457 7642	2436 5321	2124 2001	1112 1000
So	4336 4657	5434 4476	5544 4556	4324 4366	4444 5575	3634 3345	4332 1124	5121 2223
Le	4223 3545	3423 3454	4433 3433	3323 4335	5334 3443	2433 3324	4222 1112	3111 2112
Do	4233 4545	4333 3466	5534 4543	3324 4446	5334 4454	2424 3325	2322 1012	3221 1212
Me	3557 5444	3444 3333	3466 4323	2326 7333	5576 6432	3545 5313	3132 1012	2010 0012
Si	3447 5534	3453 4333	3445 4332	2227 7333	4555 6432	3535 4322	2233 1021	2111 1111
Es	3235 4544	3223 4444	3334 4433	3224 4434	4445 4453	2433 4424	3223 2222	3121 2222
Sl								
RS	4224 4544	3223 3564	3333 4543	3323 4344	4334 4453	2333 3334	2112 1012	3011 2112
Ag	4363 4334	4543 3334	5543 4234	3432 3235	5555 4432	3533 2225	3132 1022	3210 2112
Wi	3122 3543	3222 2454	3233 3433	2223 4234	3344 4452	2323 3323	2122 1113	3112 2212
Ab	4235 4545	3223 4454	3334 4434	3324 5444	4444 5553	3433 4434	3222 2213	4121 3222
Sr								
Ni	..				..			
Ya	3334 4433	22-- ----	---- ----	---- ----	4355 5542	3435 4412	2223 2012	3221 1112
CF								
Ch	3335 4444	4533 2344	5543 3333	3323 4335	5555 4433	3623 3324	3231 0122	4221 1122
Za	3225 4444	3222 2554	2234 3523	3234 4434	3244 5643	3244 5643	2214 4424	2101 0111
VD	4446 6654	3334 3664	3345 5642	3235 6545	4445 6754	3554 5524	3133 2223	4321 1232
Zy	3334 5533	3333 2443	3334 4423	2324 4433	3554 5532	3434 4423	2232 2122	2222 1222
SF	4236 4546	4333 3455	5434 4434	3323 5455	3455 5654	3434 5535	4213 0224	5133 3331
Tu	4345 3444	4443 2344	4544 3334	3323 4334	5544 3443	2534 3323	4232 1022	3221 1122
Du	3325 3554	3233 3352	3323 3533	1323 4343	2545 4323	1513 3222	2423 3232	3322 3231
Ke	3335 4543	3333 3552	3334 4543	2325 5343	4354 5532	3434 3323	2322 2222	3222 2222
SJ	3333 3343	4322 1233	3433 2223	2213 3223	4424 3432	2433 3313	3221 1112	3220 0112
Ho	3234 3323	3333 1323	3343 3223	2324 4223	4444 3332	2324 2213	2122 1022	2221 1112
ZS								
Hu	3123 4532	3323 4533	3322 4432	2213 4433	3323 4542	2322 3423	3211 1232	3210 2222
Ap	4334 3334	2433 2233	3433 3223	3223 4124	3343 3232	1334 3234	2322 2123	2221 1123
Ku								
Pi								
CT	1235 4435	3222 3344	2313 3333	1114 4234	2433 4442	2334 3323	3122 2113	3221 2121
Wa	3236 5544	3333 2553	3334 4433	2225 5443	3445 5542	2444 3322	2212 2112	2221 1122
To	2335 4444	3333 2343	3434 4422	3324 5443	3355 5431	3434 3324	2113 2012	4321 1102
Am	3345 4434	3333 2333	2344 3313	3214 5213	4344 3232	2334 3213	3123 1002	2221 1012

	25	26	27	28	29	30
Go						
Co	2103 3100	1014 3320	1134 4310	1113 5000	1111 2111	0013 0010
So	1111 1223	1001 2424	1122 2225	2112 2113	1102 2220	0112 1131
Le	1111 2112	2111 2333	1121 2223	2111 2202	1112 2110	0012 1122
Do	0001 2212	2000 2313	1112 2223	2001 2202	2102 2120	0012 0122
Me	2201 1101	1012 0211	0132 2212	1001 3110	0010 1010	0013 0000
Si	2112 3112	1114 2211	2233 3221	1102 3110	1112 2111	1113 1110
Es	2111 2222	2102 2323	1222 2224	2122 2212	2112 2221	1112 2222
Sl						
RS	1100 1212	1001 1313	1111 2223	3111 2112	1102 2210	0022 1122
Ag	3300 1112	1012 2221	0221 2223	2110 2211	1011 1110	0013 1011
Wi	1111 2111	1101 2312	1111 2214	1111 2112	1112 2110	0112 1111
Ab	2121 1222	2011 1323	1122 3224	2021 3212	1113 2211	0012 1132
Sr						
Ni						
Ya	0111 2210	2112 2321	2121 4311	1121 3211	2112 2321	0212 1130
CF						
Ch	3301 1122	1102 1222	1221 1223	3111 1112	1111 1111	1123 1121
Za	1100 1211	1012 1521	1121 2114	2012 1111	1022 2210	0011 1131
VD	2232 2321	1133 3521	2212 3424	2221 3321	1123 2432	2342 1242
Zy	2321 2222	3232 2321	3332 3322	2322 3211	2222 3332	2222 2231
SF	2133 2212	2021 3433	2210 1334	3102 2012	1223 1101	1233 2233
Tu	3211 1112	1113 0212	1332 2123	2111 2112	1112 2122	1123 2111
Du	0212 2121	1122 3322	1221 3323	1121 2222	1112 2222	2212 2212
Ke	2323 2222	2233 3322	3223 3423	2323 3222	2224 3222	3332 2222
SJ	3300 0111	0111 1111	1221 2111	1100 1101	1102 1111	0012 0110
Ho	1111 2111	1112 1312	1112 2212	1111 2000	0102 2111	1122 1211
ZS						
Hu	2201 2322	1112 2422	1321 3221	2112 2211	1113 3311	1122 3221
Ap	1111 2012	3212 1232	1423 2113	2200 2111	2102 2122	2122 1211
Ku						
Pi						
CT	1232 2222	2211 2412	2222 3313	2122 3121	0022 2211	1133 3212
Wa	2211 2211	1211 2322	1112 2223	2111 2212	1112 2321	1122 1121
To	2211 2211	1212 2212	3222 3222	3302 3112	2312 2233	3213 2013
Am	2101 2001	2113 1202	2222 2112	1201 3120	2102 2101	1122 1000

..Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1942

	1	2	3	4	5	6	7	8
Go								
Co	1000 0100	2135 6663	5557 6743	3366 6632	3467 6412	2232 0011	3345 5411	1135 3231
So	0010 1113	3224 6885	6644 4766	5444 4556	4433 4344	4212 1145	5312 4446	3101 3353
Le	0111 1112	3224 5874	6633 4544	3333 3635	3432 3333	3212 1023	5322 2323	2201 2142
Do	0000 0112	2224 4774	7633 4556	3433 3645	3432 5342	3222 1013	5111 2233	2100 2143
Me	0000 0111	1146 7553	5776 5542	4465 5433	3565 5312	2232 0012	3442 4211	1323 2121
Si	1001 1111	2124 7653	4756 4532	3555 6533	3455 5411	2331 0011	3452 4311	2223 2131
Es	~~1111 1212~~	3224 5664	4443 4444	3333 4434	3333 4332	2122 1123	4232 3323	2211 2232
Sl								
RS	1110 1112	2224 5664	5534 4654	3343 4634	3332 4443	2212 0122	4222 4433	2200 1242
Ag	0100 1001	2234 6554	6654 4434	5544 3434	5544 3233	3232 2222	5552 3112	3212 1120
Wi	0000 1012	1223 5564	5437 6544	3332 4534	3322 4332	1111 0022	3211 3423	1101 1141
Ab	0012 1112	3334 5564	5543 4554	3433 4534	3332 4333	2223 1123	4231 3323	3311 2342
Sr								
Ni								
Ya	1110 1312	2233 6554	3445 4543	3434 6433	3343 5422	2220 0112	3332 4321	2022 3341
CF								
Ch	1100 0122	2223 5453	6644 4444	4543 3334	4543 4223	3232 0013	4451 2112	3311 1132
Za	0000 1111	1244 4664	4543 4545	4344 5525	3332 5422	1111 2022	1111 2414	0101 3231
VD	1200 2322	3444 6743	5543 5765	3444 6646	4453 7443	3132 0233	5333 5435	2233 5542
Zy	1121 1212	2344 5554	3444 4543	3433 5433	2343 5422	3131 0112	3222 4313	1231 3231
SF	1110 1303	4445 6574	6644 4555	3444 4535	3443 4423	3022 0134	4232 3324	1200 3342
Tu	1100 0221	3233 5554	5555 5433	4545 4443	4543 4322	3232 0113	5441 3213	4312 2232
Du	2211 2232	3445 6584	4543 5864	3544 6835	3455 5543	2332 1223	4432 4435	2223 3442
Ke	4020 1222	3354 6552	3444 4542	3533 5523	3334 5522	2222 2222	3242 4323	2232 3232
SJ	0101 0101	3223 4353	5433 3333	3433 4233	3323 3113	2222 0122	3343 2112	3201 1032
Ho	1100 0011	3244 5442	4544 3322	2434 3312	2442 4222	2131 0012	3231 3211	2101 2112
ZS								
Hu	1101 2321	3234 6653	3332 4533	3332 3433	3322 3322	2110 1212	3210 3221	2201 2331
Ap	1100 1123	3244 5443	4544 3223	4334 3323	3443 3232	3221 0222	4222 3213	2121 3112
Ku								
Pi								
CT	0230 1111	3234 5463	4433 3344	2333 4534	1233 3212	3122 0123	3321 3123	0110 2321
Wa	1111 1211	2234 6553	3544 4433	3444 5523	3343 5422	3122 1122	3222 4323	2211 3332
To	1110 0210	3234 6453	4535 3322	3444 5423	2343 4212	3222 0002	3232 4211	2212 3232
Am	1010 1102	3334 6453	3435 4321	3434 3412	3343 2122	2220 1102	3332 4202	2011 2111

	9	10	11	12	13	14	15	16
Go								
Co	2133 2000	0121 1112	1114 4332	4347 6433	4355 5623	3436 7734	3455 5453	5345 6532
So	3001 2210	0113 3123	1111 2254	5434 6656	5423 5556	4334 5477	3433 4467	5333 4373
Le	3221 2210	0122 2213	1111 2243	4434 4434	5423 3544	4222 4554	2433 3345	5322 3352
Do	3100 1220	0002 2223	0001 2253	4335 5544	5333 4645	4233 5645	3433 3355	6222 4463
Me	2323 1010	0001 1112	1003 2233	5557 6422	4455 4544	2445 6624	2454 4333	5244 5433
Si	2422 2220	0122 1122	1003 3232	4446 7333	4433 4543	3445 6644	2554 4333	4344 6332
Es	3221 2221	1122 3322	1112 2243	3335 5444	4323 4534	4223 4444	2333 3344	4222 4352
Sl								
RS	3110 2120	0022 2123	1102 1244	3334 4543	4322 5644	4223 5555	3442 3454	4222 4453
Ag	4432 1111	0011 2223	0002 3253	5436 5344	5433 3544	5433 4334	3542 3244	5232 3232
Wi	3111 1121	0012 2112	1111 1133	2215 4434	3112 3644	3112 4544	1332 3454	4222 3351
Ab	3221 2221	0133 3323	1012 2253	3335 5544	4333 5644	4233 4555	3443 3355	4333 4353
Sr								
Ni								
Ya	2211 2221	2223 2221	1222 2443	4355 6443	3234 4534	3334 4444	2443 3344	4223 5433
CF								
Ch	4422 1121	1222 2223	2002 2253	5535 4334	4433 4544	5333 4545	3542 3345	5332 4333
Za	2111 1120	0122 2212	1112 1344	2325 5444	4223 4544	3223 6545	3222 3454	4112 5453
VD	3310 1350	2234 2323	3212 2454	4436 7642	3344 6655	4035 7665	3443 5466	5333 6564
Zy	3232 2231	2233 2232	1222 2342	3335 6332	3343 3523	3233 4544	2432 3443	4232 4432
SF	3231 2121	1233 2333	1103 3464	3316 5544	4334 4635	4323 4554	2344 4346	4343 4354
Tu	3322 2221	1233 2233	2113 3344	5436 5444	4434 3544	4433 4555	3543 3244	5333 3332
Du	2321 1341	2234 3323	2224 3573	3338 5755	4335 6745	3313 4656	2434 4646	5323 4452
Ke	2332 2232	2343 3333	2222 2353	3426 6443	3333 4434	3323 5545	2533 3453	4223 4432
SJ	3320 2131	1123 2332	2002 2353	3325 3243	4322 3543	3322 3445	3422 2243	4223 3332
Ho	1221 1131	1232 2222	1102 3242	4225 4223	2223 2323	3233 3233	3432 3233	3223 3222
ZS								
Hu	2321 2231	1222 4332	2112 3353	3324 4432	3212 5533	3222 4444	3412 4343	4213 4442
Ap	2121 1132	1232 2323	2123 3434	2353 3333	3323 2323	3233 3233	2341 2233	3223 3122
Ku								
Pi								
CT	2131 1121	1233 2232	1222 3353	2235 4444	3233 3434	2212 3343	2322 3234	3212 3242
Wa	2112 2221	2343 2223	2212 3344	4326 6544	4324 4534	4434 5544	2542 3443	4323 4342
To	2312 1111	1333 2112	2111 3333	4325 5433	3234 4433	2324 5344	2443 3443	3323 4332
Am	1211 2201	2232 2221	1111 3232	4325 3334	3223 2333	2433 4244	2442 2233	3323 3222

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1942--concluded

	17	18	19	20	21	22	23	24
Go								
Co	2333 4322	1336 5443	4456 7632	3326 6720	2031 3510	0003 4100	0033 3111	0000 0000
So	3332 2244	3323 3566	6345 5753	4324 3541	1111 3411	1111 1121	1011 2211	0110 1112
Le	3322 1343	2232 2544	6334 4542	3223 4430	0111 2312	2111 1112	1012 2211	1101 1122
Do	3332 2343	2233 3544	5324 4643	4324 5531	0001 3412	2111 1121	1011 1101	1100 1212
Me	2422 3322	1454 3433	5566 6433	3334 4520	2221 2211	0100 2000	0022 2111	0000 0000
Si	3533 2321	2444 3443	4355 6532	2334 5511	2131 2321	0012 2100	0033 2011	0000 0110
Es	3322 2233	1223 3443	4333 3532	3213 4431	0121 3412	1212 2121	2112 2222	1101 2212
Sl								
RS	3332 1343	2222 3544	4333 4542	3213 5530	0100 3411	1101 1121	1112 2110	1100 0112
Ag	4421 2232	3433 2343	5654 3432	4322 3421	1211 2321	2201 2100	1123 1121	0000 2110
Wi	3321 1233	1112 2542	4332 3542	3213 4421	0001 2411	1111 1111	1011 1111	1101 1111
Ab	3332 2243	1223 3553	5334 4542	3313 5431	0011 3422	1111 2111	1121 3211	1111 1111
Sr								
Ni								
Ya	2422 3222	1234 4453	5444 6642	2224 5531	3221 4421	1111 2120	0122 2221	0111 2210
CF								
Ch	4432 3233	2432 2343	5553 4433	4322 3321	2221 2322	2200 1111	1022 1011	0001 1110
Za	1221 2232	1224 3652	4244 5531	2222 4531	0111 4411	1111 1111	0001 1210	0000 1111
VD	4432 2424	2234 4653	5444 6743	3335 6530	2141 5510	0212 3121	1222 3430	1112 1121
Zy	2432 2222	2233 3542	3333 5431	3334 5422	2131 4411	1231 2111	1132 3220	2131 2221
SF	3222 1133	3224 3454	4344 4521	---- ----	---- ----	-- ----	---- ----	---- ----
Tu	3532 2122	2442 3333	6553 4322	3323 4321	2221 2321	1101 2110	0022 0011	1011 1121
Du	3332 2444	3423 4743	4434 4852	3333 5731	1222 5411	1222 3210	0233 2221	0122 2221
Ke	2322 2323	2223 4542	4444 4531	2333 5522	1122 3411	2222 2210	1222 2211	2222 2221
SJ	3421 1122	1222 2433	5432 3222	3312 4210	0120 1211	1101 0110	0111 1110	0011 2120
Ho	2332 2222	2332 2223	4343 3222	2213 3310	1120 2201	0101 2000	0111 0001	0010 1110
ZS								
Hu	2322 3332	1213 4442	4323 4532	3313 4421	1121 3321	1111 2201	0111 2221	1011 3331
Ap	3332 2222	2333 2233	4343 3222	3213 2331	1122 2113	2311 2233	0222 0022	2012 1121
Ku								
Pi								
CT	1221 2222	2123 2333	2233 4421	3223 3421	0022 2311	1123 1101	0013 1211	0022 3220
Wa	2422 3322	3334 3543	3343 5533	2324 5422	2121 4422	1122 2111	1113 3321	2212 1222
To	2422 2222	2334 3532	3344 4431	3214 4420	3222 3300	2222 3010	2222 2121	2221 2111
Am	2422 3123	3233 3333	4344 4323	3313 3302	2220 1122	2212 3102	1112 2111	1111 2112

	25	26	27	28	29	30	31	
Go								
Co	0343 4311	1200 0012	2212 1200	0004 6765	3678 6754	4466 6754	4457 6343	
So	2222 3132	3222 1054	4011 1323	0002 6777	6556 6677	6544 5877	5444 5555	
Le	2332 3112	2221 1133	3211 1212	0012 5898	6455 5566	4443 4653	3333 4344	
Do	1222 4221	2222 0043	3001 1212	0002 6798	5456 6678	5543 4644	4334 5454	
Me	2353 2110	1310 0011	2221 1100	1012 6655	3777 7555	5676 5643	5466 4332	
Si	2332 2221	2410 1111	2222 1211	0003 7765	3778 8655	4576 6543	3555 4333	
Es	2332 4221	2222 2134	3221 2212	1112 4677	5365 3466	4343 4554	3234 4343	
Sl								
RS	1332 3211	2221 0033	3111 1322	0002 4777	5465 4565	5433 4643	4333 5454	
Ag	3343 3210	3320 1112	4221 2111	0103 4667	5777 6456	5555 4333	5445 5334	
Wi	1333 3111	1111 0034	3111 1112	1101 4666	6254 4566	4333 4653	3224 4453	
Ab	1333 4221	2322 2134	3132 1312	0123 4666	6365 4565	5343 4555	4334 4354	
Sr								
Ni								
Ya	1132 3321	1211 1112	2222 1321	2113 5887	6446 5654	3445 6843	3335 4552	
CF								
Ch	3333 3211	3321 0123	3321 1221	0103 4546	4677 6555	6544 4333	5445 5334	
Za	0132 2111	1121 0033	1100 1411	0254 5756	5346 5554	3233 4544	3235 5553	
VD	1244 4422	3232 1134	3312 1422	0122 5767	6457 6767	4445 5755	4446 6465	
Zy	1233 3211	1232 1122	2334 2221	1233 5655	2456 5544	3343 4533	3234 5432	
SF	---- ----	2322 2114	4012 1312	0003 6545	5467 6666	4443 3555	3325 5454	
Tu	3333 3211	2320 1123	3221 2222	0103 4654	5666 5554	5554 3433	5444 4334	
Du	2244 3322	2122 3344	2322 2223	1222 6777	5667 7876	4455 5745	4545 6563	
Ke	2322 3222	2322 2123	2332 2222	1223 6666	5366 7655	3443 4542	4335 6442	
SJ	2333 3221	1311 0122	2101 1211	1103 5654	4455 4544	5433 3223	4323 3323	
Ho	2333 3111	1220 0012	1121 1101	0002 4544	3455 3333	2453 2323	3343 3322	
ZS								
Hu	2222 5321	1311 2322	2111 3312	0102 5765	4243 4544	4223 5533	4323 5433	
Ap	4434 2223	2220 0233	2211 1233	1002 4543	4455 3333	3344 2323	3344 3334	
Ku								
Pi								
CT	1222 3211	2232 4123	3232 3212	1023 5665	3445 5545	3323 3433	2324 4333	
Wa	3333 3222	2321 2133	3222 1312	1223 6765	4556 6544	3344 4543	4354 5443	
To	2333 3111	1210 1022	2322 1211	2223 5665	4456 5544	3355 4433	3354 5443	
Am	2333 3011	2220 1111	3211 1222	2113 5455	4565 5343	3354 2434	3344 4323	

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1942

	1	2	3	4	5	6	7	8
Go								
Co	2246 5320	1246 4532	2235 5431	1156 3110	1012 2002	2202 0201	1324 4310	1145 5322
So	3223 3412	3222 4564	2112 4453	1122 2143	2020 1025	3210 0313	2112 4333	2222 4254
Le	2232 2313	3222 2442	2101 2332	1233 2133	2121 1123	3211 1103	2122 2221	2222 3244
Do	2233 3423	3223 3553	2101 3442	0023 1133	2021 0023	2210 0313	2122 3321	2222 3251
Me	1355 3210	2444 4322	2244 3212	0066 6122	0010 1023	3212 1111	2432 3211	1144 4222
Si	1345 3210	1335 4431	2244 4321	0145 4121	1011 2022	2203 1211	1332 4211	2245 3221
Es	2233 3322	3223 2443	2211 3332	1233 2123	2122 1223	3211 0212	2221 2222	2223 3243
Sl								
RS	2132 2412	3223 2542	2100 3442	1133 2133	2120 0023	3200 0203	2222 3321	1213 3254
Ag	4443 2210	3423 2222	3233 2312	0245 2212	2011 1224	4412 1211	3332 2122	2234 3232
Wi	1112 1211	2112 2331	1111 2331	1224 1133	1020 0032	2110 0101	1111 2211	1121 3254
Ab	2233 3323	3323 2453	2222 3342	1334 2133	1221 1134	3211 1213	3222 3222	2233 3344
Sr								
Ni								
Ya	2234 4322	0323 3433	2222 4432	2244 3212	2111 2123	3211 1311	1222 4322	3344 4232
CF								
Ch	3333 2211	2423 2222	2223 2112	1244 2122	2011 1124	4302 0212	3332 2112	2334 2232
Za	1124 3411	2123 3553	2111 4443	2132 1133	2220 1123	3230 0302	2222 4322	3232 4342
VD	2355 4510	3234 4564	2223 5563	2234 3244	2322 3233	4320 0412	2332 4323	4233 5343
Zy	2234 2312	2223 5432	2112 4432	2233 3222	2222 2423	3312 1312	2212 4321	2343 3232
SF	2334 3321	3222 3353	2102 4342	0343 3223	1102 3334	4212 2313	1121 2333	2333 4342
Tu	2344 2321	2434 3322	2222 2222	1244 1122	1111 1034	4312 1223	3432 2222	2434 2333
Du	1233 3312	2213 4432	2201 4331	1234 3231	1112 2232	3312 1322	1222 4212	1333 4343
Ke	2233 3422	2224 3532	2222 3442	1344 3232	2222 3232	3232 2213	2322 3322	2343 4333
SJ	3333 2212	2322 1331	2121 2212	1234 2111	1112 1135	3201 0122	2222 2112	2333 2233
Ho	1243 1112	1233 2320	1012 2200	0234 1021	1011 2022	2210 0111	1221 2012	1243 1122
ZS								
Hu	2223 4431	2212 4331	2112 3332	1123 3331	1111 3343	3211 2421	1212 4332	2233 4433
Ap	2333 2222	2233 2313	2122 2222	1233 2223	3211 2244	3311 0213	1222 2232	2343 3233
Ku								
Pi								
CT	1133 2211	1132 2351	2032 0232	1132 2221	0112 1033	2223 2311	0123 3212	2343 3322
Wa	2234 3322	2323 4432	2222 4322	1223 2222	2112 2134	3322 1312	2323 4323	2343 4243
To	2333 3322	3333 4432	3122 3222	2333 1111	2111 3133	2212 1212	2332 4222	3443 3232
Am	1234 1121	3334 2311	2022 2221	2342 2120	1211 2113	3320 0102	2232 2113	2433 2222

	9	10	11	12	13	14	15	16
Go								
Co	1001 2110	1113 5212	2134 6232	2222 2201	2224 6522	2343 4333	3102 3321	2101 0011
So	4100 1223	1021 5354	4232 3254	3222 3234	4112 5354	3332 2365	5311 1354	4211 0032
Le	3101 1222	1121 3233	3222 3153	2221 2233	2212 3333	2223 2353	4200 1133	3110 0022
Do	3100 0312	1011 1222	1122 2053	1220 2022	2001 3343	2232 1354	4110 0233	3111 0003
Me	1110 1111	0011 5222	2133 4323	3341 1111	1123 3422	2353 2333	3201 1322	2010 0011
Si	2111 2111	2122 4322	2232 4222	2442 2111	2123 3422	2353 2322	3211 2322	3021 0121
Es	3102 1222	2122 3223	3222 3143	2321 2233	2212 4333	3222 2343	4211 2233	3111 1022
Sl								
RS	3100 1222	1021 4223	3232 3053	1221 3333	3222 4343	3232 2454	4200 1233	3110 0032
Ag	1111 2122	2121 3232	3422 3223	3321 2223	3123 3333	3443 2234	5210 2224	4111 2221
Wi	2101 1212	1011 4223	3111 3154	2110 3232	2111 3232	1111 1353	3100 1233	3110 0021
Ab	3112 1212	2132 4334	3232 3243	2332 3334	3322 4333	3233 2353	4222 2234	4122 2122
Sr								
Ni								
Ya	3110 3222	3222 5332	3222 3223	2322 3222	3322 5432	3233 3332	3211 3323	2112 1122
CF								
Ch	2101 1122	2122 4322	3323 3233	3331 1223	3223 3233	3443 2234	5201 1234	4111 1112
Za	3120 1312	1110 4323	3331 4244	2221 4334	3222 5433	2233 2344	3220 1334	4120 0022
VD	2132 2332	2132 6433	2333 5252	3233 4334	3233 6443	3133 3463	4332 1445	5112 2122
Zy	2221 2221	1111 4322	2221 4232	2321 3222	3122 4322	3232 2332	3221 3423	3221 0122
SF	3001 2322	2032 5334	3102 4144	3232 3224	3323 5444	3323 2345	4112 2345	5001 0011
Tu	2110 1122	2122 3323	3322 3233	3432 2123	3222 2333	3454 2223	4201 1223	3211 0022
Du	3221 2322	1134 4233	2322 3243	2322 3232	2344 4332	2222 2342	3312 2333	2201 1121
Ke	2222 2332	2122 5322	2222 4243	2322 4333	2323 4332	2332 2242	3432 2333	2221 0222
SJ	2000 1111	2112 4322	3322 3132	2221 2122	2222 4233	2331 1233	3200 1113	3111 0111
Ho	1000 1011	2012 3112	1210 3022	1231 1112	2122 2322	1232 1121	2000 0212	2010 0011
ZS								
Hu	2100 3332	2122 5532	3223 4342	2211 2321	2122 5432	2323 3433	3112 3322	1112 1231
Ap	2212 2222	3323 3132	2212 3032	2222 2132	3223 2332	2332 2232	2201 2223	2210 1112
Ku								
Pi								
CT	3123 2222	2223 5323	3233 3233	2212 2113	0012 4223	1112 1233	3100 1233	3222 2211
Wa	3211 2223	3122 5323	3233 4243	2232 3222	2222 5433	3232 2343	3211 3333	2212 1122
To	3211 2223	3222 3222	3222 4132	2331 2221	2232 4412	3332 2232	2200 3312	3221 0011
Am	2200 1222	2122 3212	3222 3122	3331 1122	2322 3312	3331 1132	3111 1222	3211 0011

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1942--concluded

	17	18	19	20	21	22	23	24
Go								
Co	0126 5412	2235 3412	1025 3010	1226 4341	2225 3101	0012 1110	1115 5524	5666 6453
So	1201 2334	4122 2342	1222 1331	1222 2464	3121 2243	1011 1222	1001 4567	7746 5474
Le	1211 1123	3122 2232	0111 1231	2213 2243	2122 1133	1011 1222	0101 2436	7645 3363
Do	0201 1123	3122 0242	1011 0132	2222 2353	1122 2143	1010 0322	1001 2537	8646 4473
Me	0023 4211	2043 1221	0223 1101	1315 2332	1343 3111	0011 0111	2133 4325	6788 6453
Si	1123 4211	2143 2322	0233 3121	1215 3231	2243 3111	1022 1110	1223 4424	5679 7353
Es	1212 2223	3223 2332	1122 1222	2223 2343	2222 2132	1111 1222	2112 2435	5545 4353
Sl								
RS	1210 2112	3123 2242	1121 0231	2323 2253	3122 2233	1011 0321	1010 2535	6645 4453
Ag	1132 2223	3132 2230	0222 1121	2323 2233	1233 3121	0021 2211	1121 3336	7667 4352
Wi	1111 1222	3111 2241	1111 1121	1212 1253	1122 1133	0111 1222	1111 2435	5533 3352
Ab	1223 3122	3232 3332	1033 1233	2323 3353	3232 2233	1021 1223	2112 3435	6545 4453
Sr								
Ni								
Ya	1223 3332	2233 3422	2123 1111	1214 3351	2233 2321	1222 3211	2223 4534	4488 5452
CF								
Ch	1122 2013	3132 2232	1222 1112	3323 2233	2232 2121	0011 1101	2222 3336	5556 4352
Za	1232 3323	3232 2433	2122 0222	1224 2352	3224 2242	2133 2022	1133 5324	4233 4322
VD	1224 5314	4143 3533	0020 2232	1335 3353	2234 3333	1031 2322	2124 4646	6656 6563
Zy	2123 3222	2143 4422	2223 1122	2225 3352	2223 2222	1222 2222	2223 3425	5445 4442
SF	2324 3323	3122 2443	0132 1213	3335 3453	3233 3112	0001 1023	3134 4545	5644 5453
Tu	2223 3222	3132 2332	1222 1122	3323 2342	2333 2222	1011 0112	3332 3435	5666 4342
Du	1212 3332	2222 2222	1233 1222	2355 2332	2222 2232	1021 2221	2233 4434	4456 5444
Ke	2233 2222	3243 2232	2223 2233	2335 3443	2233 2332	2231 2323	2232 3534	5545 5353
SJ	1111 2012	2122 1242	1221 0113	3323 2342	2232 1101	0001 0000	2221 2335	4545 3242
Ho	1102 3111	2122 1222	1113 1112	1123 1122	1133 1011	0000 0000	3211 3325	5555 3222
ZS								
Hu	1212 3322	2221 3332	1121 2323	3323 4543	3222 3321	1011 3322	3322 4544	3233 3442
Ap	2223 3112	2323 2232	2233 2223	3234 2233	3133 1223	1111 1123	3312 3335	4545 3244
Ku								
Pi								
CT	1122 2222	2133 3232	2123 2212	2224 3331	2133 3211	0131 2101	3222 3434	5432 2232
Wa	1213 3222	3223 3323	2233 1123	3335 3253	2234 2122	1111 2222	2323 4434	5555 4444
To	1123 3202	3323 3322	2233 2112	2334 3242	3433 2211	2022 2111	3333 4324	4556 5332
Am	2223 3012	2223 0122	1223 2011	3323 1132	2333 2211	2111 1000	3222 3333	4555 4123

	25	26	27	28	29	30
Go						
Co	3357 5623	3436 6543	2255 4332	2357 6553	3236 6522	1143 4320
So	4334 3567	5634 5676	3224 3155	2234 6766	5333 3333	1111 2231
Le	4433 3446	4523 4453	3123 2143	3222 4545	4322 2433	2121 2222
Do	4323 2556	5622 5553	2124 2244	3222 5635	4222 2443	2121 2232
Me	5556 4433	5546 5443	2346 5533	2356 2222	3235 4321	0242 3210
Si	3546 5533	3536 6543	2344 3232	2245 5443	3234 4332	1232 3221
Es	4334 3445	4423 4454	3123 2133	3233 3545	4223 3333	2222 3222
Sl						
RS	3433 4555	4523 5554	3123 3244	2222 5645	4113 3442	2111 3231
Ag	5434 3434	5533 4344	2335 2333	2334 3334	5224 3332	0242 3201
Wi	3323 2555	3422 4453	1122 2143	1112 3545	4211 2432	1111 2221
Ab	4434 3545	4534 4554	3133 3243	2233 4555	4123 3433	2221 3222
Sr						
Ni						
Ya	4535 5433	3336 4433	2124 5688	2245 4233	2132 4331	3224 4432
CF						
Ch	5434 3335	5533 3444	2335 2123	2324 3444	4223 2322	0232 3112
Za	2236 4654	4343 5444	3224 3244	4223 4654	4212 3443	1121 3331
VD	5446 5765	5534 5445	2234 4255	3334 5655	5334 5543	1242 4442
Zy	3325 4544	4534 5444	2244 4233	2234 5544	4234 4421	2122 4321
SF	4334 3546	5533 4455	3134 3244	3324 3554	4113 3443	1210 4222
Tu	4444 4435	5634 4453	2235 2243	2334 4544	4224 3312	1242 3220
Du	3435 4444	3424 4353	2233 2233	1233 4444	3332 3332	1232 3221
Ke	4345 4544	3444 4453	1344 4244	1444 5544	4333 3432	2232 4232
SJ	3323 2324	3423 3342	1323 2232	1223 2444	3113 1311	1122 1111
Ho	3223 3323	4323 3343	1134 1122	2223 2323	3134 3311	0130 2111
ZS						
Hu	3213 4533	2422 4542	1222 3332	1222 4544	3212 4421	1112 3321
Ap	3324 3223	4333 3343	2124 2122	1324 3323	3124 3212	2132 2220
Ku						
Pi						
CT	3232 2334	3322 4233	1124 2133	0213 2443	2123 2221	1221 3220
Wa	3325 3434	4544 4343	2334 3233	1235 5544	3323 4332	2223 3222
To	4334 4424	3535 4333	2234 3232	2234 5443	3323 3321	3231 3222
Am	3423 3334	3423 3243	2224 2030	2224 3333	3324 3222	2121 1110

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1942

	1	2	3	4	5	6	7	8
Go								
Co	0011 3222	2100 0200	1000 0112	3031 6511	0001 0200	0001 1000	0004 6521	2043 5523
So	2000 1154	3111 0001	3000 0115	4111 4532	3201 1210	0000 0034	0001 3466	4011 4465
Le	2001 1143	3111 0001	3000 0214	3221 2312	2201 1110	0001 1023	2102 2345	3121 3554
Do	2000 2143	3101 0002	2000 0114	3221 3323	3101 1100	0000 0023	1001 2245	1010 2455
Me	0111 1112	1000 0110	0000 0102	1131 3311	1110 0100	0001 1100	0113 3321	1142 2322
Si	1021 2222	2100 0221	0000 0122	2131 4421	1101 1220	0002 2111	1103 4322	2132 4423
Es	2011 1233	3111 1111	2101 1214	3221 3312	2111 1110	1001 1023	2112 2344	3221 2354
Sl								
RS	2000 1143	3110 0001	3000 0114	3221 3312	2101 0100	0000 1023	2101 3345	3021 3455
Ag	3121 1132	2000 1220	1000 0123	2132 4421	3201 2110	0000 0121	0103 3323	2242 3233
Wi	1001 1143	3100 0101	2000 0103	3211 3312	1101 0100	0000 1123	1111 2322	2100 2365
Ab	2011 1243	3111 1101	3101 1114	3232 4312	2111 1210	0001 1133	2212 2344	3121 3455
Sr								
Ni								
Ya	1111 1111	0110 3331	1100 1213	2222 4412	1101 1221	0001 2222	1011 3433	2131 4333
CF								
Ch	3111 1132	3000 0111	2000 0103	3231 3311	3201 1110	0000 1112	1213 3322	2241 1233
Za	1110 2233	4100 0001	2020 0213	2111 4422	1111 0220	0011 1123	0011 4445	2011 3454
VD	1032 3242	5213 2221	2231 1323	2232 5433	3221 2330	2032 2234	1232 4556	2232 4364
Zy	2111 4233	3111 1112	2221 1222	3321 4421	2211 2321	1221 2222	2123 4444	2232 4353
SF	2101 1333	3112 2212	2000 3224	4131 5522	3231 3310	0000 3234	0110 2435	2221 3432
Tu	1021 1232	3101 0111	0000 1213	3331 3311	3201 1110	0001 1012	2113 3322	2141 2243
Du	0011 1233	3111 0112	2112 1333	3122 5521	1222 1111	0111 1032	1123 4444	2123 5553
Ke	2122 2232	3232 2222	3221 2323	3212 5422	2332 2211	1232 2123	2233 4344	2342 5264
SJ	1011 1122	2001 1111	0001 0213	2230 2121	2100 0100	0001 1001	1101 3221	2021 2242
Ho	1010 1122	1000 0011	0000 0113	1020 2211	0000 1100	0001 1011	1001 2311	1130 1131
ZS								
Hu	1011 4432	2001 2231	1001 2432	3222 4432	1101 3311	0002 2222	1102 4432	2123 3442
Ap	1110 2224	3201 2223	2101 1103	3321 3222	4321 0212	2121 1223	2212 3331	2220 2231
Ku								
Pi								
CT	0123 2222	2132 2211	0121 2204	3231 4311	2222 2210	0123 1022	2233 3423	1110 3431
Wa	2211 3233	2222 1212	2211 1223	4322 4432	1222 1211	1212 2122	2322 4433	2221 3244
To	3211 2233	3311 1122	3212 0103	4321 3322	1221 0222	3101 2123	2222 3422	3222 3223
Am	2210 1121	3211 0111	2101 0012	4321 3322	2220 1120	2101 1122	2112 3322	2121 3222

	9	10	11	12	13	14	15	16
Go								
Co	1213 6654	4554 4232	1435 6202	2137 6221	1000 1200	0214 4320	0000 1010	1014 2211
So	4311 4666	7533 2255	1332 2135	4113 2313	3001 0222	1112 2433	1111 1144	3211 1434
Le	3312 3567	6432 2233	1322 3134	3123 2213	3001 0222	2111 2323	2101 1133	2212 1313
Do	2212 4567	6333 2244	1322 3133	3113 3203	2000 0333	2112 1423	2200 1142	1211 1424
Me	1213 4435	4663 3221	1434 4322	2054 4222	1000 1210	1123 2210	0200 1210	1221 1110
Si	2213 5534	4552 2222	1424 4213	3145 5121	1020 0210	1223 2221	1100 1120	1232 2121
Es	3212 4445	5332 2244	1222 4224	3223 3313	2011 1222	2222 2322	2101 2222	2121 1223
Sl								
RS	3212 4544	5333 2233	1322 3133	3212 3213	3001 0212	1111 2422	2211 1132	2211 1324
Ag	4422 3446	5533 2223	1423 3224	3132 3212	2010 1210	1222 2211	1200 2121	1231 2211
Wi	2211 2444	5322 1133	1211 3123	2112 3213	1001 0212	1111 1322	1110 1232	2111 1223
Ab	3312 4445	5433 2234	1332 4235	4223 3323	3001 1212	1111 2323	2111 1132	2221 1323
Sr								
Ni								
Ya	2122 5543	3343 3332	1315 5121	2235 4201	2223 3331	1111 2311	2223 2312	2211 1222
CF								
Ch	4422 3335	5533 2223	1423 3324	3133 3222	2111 1211	2222 2111	1200 1222	1321 1221
Za	1112 5555	4322 3322	1333 4225	4134 5312	2000 0112	1122 2441	1100 0141	2101 1422
VD	3133 7566	5543 4433	2344 5333	3344 5313	2032 2312	2332 3443	2231 1243	2223 2434
Zy	2232 5444	4443 3333	2334 4223	3233 3212	2112 2311	2232 3322	2222 2322	3223 2323
SF	3211 5566	4433 3344	3333 4135	4323 3323	3000 3322	2232 3332	2101 1123	1111 1323
Tu	3313 2545	4542 2223	1524 3123	3133 3211	1011 1302	2323 2222	1210 1231	1321 1222
Du	3222 4454	3433 3233	1223 4133	3233 3212	1111 1332	2243 2232	0111 2232	1221 2323
Ke	3342 5453	4343 2233	2343 4234	3344 3212	2222 3220	2332 3322	1222 2232	2221 2423
SJ	3322 3444	3432 2112	1312 3223	2022 2011	1001 0100	2212 2010	1200 1222	1201 1211
Ho	2123 3333	2432 1122	1313 3022	2133 2112	1000 1310	2222 1110	0100 1122	1221 1112
ZS								
Hu	2213 3653	3322 2332	1312 3331	3223 3322	1001 3421	2223 4332	1101 3431	1201 3332
Ap	3223 3434	3433 2133	2423 3222	4234 3222	2102 2331	2232 2122	1202 2324	2223 1121
Ku								
Pi								
CT	2222 4444	4234 2223	2223 3124	2222 3112	1112 2201	2122 2321	1122 2222	1122 1222
Wa	2223 5543	4443 3333	2324 4222	3234 4322	2111 2321	2233 3322	2222 2333	2222 2423
To	3323 4533	3443 2232	1324 4121	3234 4112	3211 2321	1222 2221	2211 2123	1302 2423
Am	3312 2433	3443 1133	1422 4213	3334 3122	0011 1200	2322 2112	2111 1122	2322 1101

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1942--concluded

	17	18	19	20	21	22	23	24
Go								
Co	0001 1001	0000 0100	0001 0000	0001 0222	3436 8743	4337 5331	1277 7652	1256 6432
So	0101 1111	0001 0110	0001 0001	2211 0555	4333 6555	4533 3230	1246 6655	4333 4445
Le	0001 1102	1111 0000	0012 0001	3221 0333	3433 4434	4423 2120	1334 5644	3123 3443
Do	0001 0101	1100 0000	0001 0001	3200 0444	4423 4444	4323 2030	1224 5654	2113 3444
Me	0001 0100	0000 0000	0121 0000	1101 0212	2456 6532	3336 4231	1266 6541	1455 4312
Si	1011 1111	0000 0110	0021 0010	1101 0222	3336 7532	4335 4231	2276 6552	2443 4322
Es	0111 1212	1111 1110	1111 1102	3201 1334	3334 4444	4323 3121	1334 4443	2223 4334
Sl								
RS	0000 1111	2000 0000	0001 0001	3201 0444	4434 4444	4423 2130	1234 5544	2123 4443
Ag	0011 1111	2200 2100	2231 2111	3111 1223	3544 5433	5433 2210	0356 5441	2335 4414
Wi	0101 1101	1100 0100	0000 0001	3210 0444	3423 5444	3313 1120	1234 4443	1122 4434
Ab	0111 1112	1211 1111	0112 1011	3211 1334	4434 4444	4433 2131	1344 4544	3133 4434
Sr								
Ni								
Ya	0120 0200	0011 1111	2211 2332	0111 0111	2334 5543	3̈435 4321	2245 7743	2244 5422
CF								
Ch	0111 0111	2200 0100	2221 0001	3211 0233	4434 5433	5433 3121	2355 5432	2344 3213
Za	0011 1101	0121 0100	0010 0001	1221 0444	4444 5554	4324 4240	1144 5544	2233 5544
VD	2232 1122	2232 2121	2221 2011	3222 0545	3334 5544	4424 4230	1245 5643	2233 5434
Zy	1122 2212	1211 1211	2121 1111	2222 1433	3434 5423	3334 4231	2245 5543	2244 4433
SF	0022 1112	2220 1211	0021 1002	4302 0345	4534 5554	5534 3231	2345 5543	3133 4445
Tu	0111 1112	1111 1101	1121 0011	3212 0322	5544 5423	4434 2131	1345 5433	2344 3324
Du	0111 2212	0112 1012	0011 0001	1232 2334	3244 6532	3324 2231	1246 6454	3333 5533
Ke	1332 2222	0221 0210	1231 1101	2232 2444	4335 5433	3233 3232	2355 6542	1244 4534
SJ	0110 0011	0101 1001	1011 0011	2111 0333	4324 4432	4322 2121	1234 4432	2233 3123
Ho	1110 0012	0010 0101	0010 0011	2112 0123	4334 5312	3234 2122	1244 4322	2133 3313
ZS								
Hu	0111 2312	0011 3210	1011 1222	2112 2232	4322 5543	3222 4331	1233 4542	2113 4433
Ap	2301 1123	3231 0222	3112 1223	3212 0233	4434̈ 5̈3̈13	2334 2132	2243 4222	1332 3322
Ku								
Pi								
CT	0222 2212	0112 2101	0022 1201	2222 2224	3434 5443	3323 2121	1344 4442	2134 4433
Wa	1122 2224	1122 2212	2112 1112	2222 2444	4545 5433	4445 3232	4445 6543	3233 4333
To	2221 1202	0311 1002	1221 0023	1322 1343	3544 6423	4444 3221	3355 5532	4343 3312
Am	0111 0122	1121 0001	1110 0012	2212 0223	4544 4334	3334 2123	3344 3333	2332 3313

	25	26	27	28	29	30	31	
Go								
Co	3114 5321	2446 5523	2122 3111	0001 4110	0002 4100	0000 0000	0002 0000	
So	4312 3335	4433 4545	3111 1113	1101 1110	0100 1312	0000 0011	1000 0000	
Le	4312 2223	3332 3444	3211 1013	1201 1110	0101 1222	0000 0011	2100 0000	
Do	4111 3224	3422 2454	2111 2003	1101 1120	0100 1311	0000 0011	2000 0000	
Me	3134 3221	1446 5322	1311 1111	0120 2100	0001 1110	0000 0000	0001 0001	
Si	3133 3321	2455 5422	2321 2221	1120 3120	0011 2110	1010 0010	0012 0000	
Es	3222 3234	2332 3354	2211 2012	1201 1111	0101 1212	1011 0011	2110 1000	
Sl								
RS	4111 3324	3432 3554	2211 1113	1101 1110	1101 1312	1000 0001	2̈0̈0̈1̈ 0̈0̈0̈0̈	
Ag	4233 2232	3554 3334	1321 2211	1311 3210	1101 2200	0100 2010	2̈0̈0̈0̈ 0̈0̈0̈0̈	
Wi	3211 2222	3321 3444	1111 1102	1101 1111	1111 1211	1000 0011	1000 0000	
Ab	4212 3334	3332 3454	2211 1112	1211 1111	0101 2211	1011 0010	2111 1001	
Sr								
Ni								
Ya	2335 4543	2133 4332	3111 3321	2211 2212	1000 0000	0113 2311	1̈0̈0̈1̈ 0000	
CF								
Ch	5233 3222	3543 3334	1321 1121	2310 3111	0101 2000	0100 0000	1000 0000	
Za	4222 4443	2222 5445	1121 2111	1011 1220	0011 1211	1000 0001	1000 0000	
VD	4322 3333	2333 5454	2110 2222	1011 2221	0002 1321	1000 0001	2000 0000	
Zy	4233 4332	2433 4443	2222 2222	1111 3322	1213 2311	1101 1001	2111 0110	
SF	5323 2344	3444 4455	2320 0311	1321 2111	1000 0222	0000 1112	2022 1011	
Tu	4223 3222	3454 3433	2211 1122	1220 3212	0111 1111	1100 0011	1001 0000	
Du	3233 3432	2223 4433	2222 2112	0111 2121	0112 1211	0021 0001	1010 0110	
Ke	4222 2222	2234 3443	2212 2222	1222 3221	2223 2311	2111 1211	2202 0011	
SJ	4122 2102	3342 2333	2211 1021	1211 0111	0000 1211	0000 0010	0000 0010	
Ho	3113 2111	3432 3322	0111 1021	1111 2101	0002 1010	1100 0001	1011 0001	
ZS								
Hu	3112 3332	3232 4542	2211 3321	1111 2321	0̈0̈0̈2̈ 2220	1001 1121	1001 1111	
Ap	4223 3213	3332 3333	3112 2022	2112 2101	0̈0̈0̈2̈ 1̈323	3201 1223	2112 0024	
Ku								
Pi								
CT	3123 2232	2224 3333	1122 3211	1112 3211	0012 1110	1000 2110	1122 1001	
Wa	3222 3323	3434 4343	2222 3122	3322 2222	2212 2322	2111 1112	1111 1112	
To	3223 3222	3434 4333	2̈2̈2̈2̈ 3̈1̈2̈2̈	3221 2122	3222 1211	2221 0012	2110 0012	
Am	4223 3212	3423 3323	1211 1013	2210 2011	2211 1012	2000 0000	2001 0000	

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1943

	1	2	3	4	5	6	7	8
Go								
Co	0001 0112	2022 2310	0002 5301	1116 6653	3334 4423	2134 2311	0011 1000	0000 2211
So								
Le	0000 0133	2011 1221	2101 2223	3224 4644	5322 1334	3122 2233	1100 1001	1100 1134
Do	0000 0031	1000 0201	2100 2323	2123 6645	4330 1434	3112 2243	1000 0000	0000 0133
Me	0000 0121	0021 1220	0001 3111	2326 6542	4443 1323	2333 2211	1111 0001	0000 1111
Si	0001 0112	1032 1321	0012 4322	2235 6542	4343 1332	2334 2221	1011 1110	0100 2211
Es	0001 1133	2111 1321	2211 2223	3224 4544	4222 1334	3222 2233	1010 1002	0110 1223
Sl								
RS								
Ag	0000 2123	1032 2211	0201 2323	2326 5443	5343 1233	4332 3221	2111 2220	0100 1223
Wi	1000 0133	1001 0311	2111 2313	2124 5644	3121 1223	2112 1232	0000 0101	1100 1133
Ab	0002 0143	2011 1311	2211 2323	3225 5644	3223 1334	3122 2233	1111 1011	0101 1134
Sr								
Ni								
Ya	0000 0222	1122 2432	0112 4432	2225 6743	3333 2423	3233 2422	1110 1011	1110 2222
CF								
Ch	0000 0213	1032 1210	1211 2223	2325 5442	5343 1233	4332 3212	2110 0100	0100 1223
Za	0000 0143	1001 1421	2111 3323	2135 6764	3242 2436	2123 2433	1110 0000	0000 0234
VD	0001 0233	1122 1422	1022 3423	2235 5654	3332 3334	2222 2432	1111 0011	0012 2333
Zy	1121 1223	2222 2421	2223 3433	2235 6643	3333 2323	3233 2432	2111 1112	1211 2222
SF	0022 1354	2232 3322	3303 3̈234	4336 5655	4333 2444	3101 2333	0111 1112	1032 1235
Tu	0000 0232	2212 2221	1112 3233	3325 5533	4343 1233	3333 3222	1011 1101	0110 1222
Du								
Ke	2222 1333	2342 1232	3333 3433	3346 5653	3443 3333	3343 3333	2221 1112	1332 3232
SJ	0001 0233	2122 1220	1211 2313	2325 4532	4333 1322	3222 2211	1100 0100	0111 1111
Ho	1000 0221	1110 0221	1122 3223	2125 4332	2333 0122	2232 1111	0000 0210	1100 1222
ZS								
Hu	0001 1332	2112 2221	0112 4433	2223 6543	4332 3433	3212 2322	0110 2200	0102 2331
Ap	1101 2233	2111 1312	2222 2̈3̈2̈3̈	4324 5342	3343 1214	3122 1112	1012 0132	2322 1222
Ku								
Pi								
CT	0021 1233	2222 3221	2233 4333	2125 4543	2334 4343	2223 2332	1111 1002	0111 2323
Wa	2211 1233	2232 2322	2222 3323	3335 6553	4433 3433	2232 2333	2322 1222	2222 2323
To	2121 1232	2232 1322	2212 3322	2335 5532	3343 2322	2333 2312	3211 1111	2111 1222
Am	2111 0222	2222 1212	1321 3102	2235 5332	4433 1212	3232 1122	2200 0012	2110 2212

	9	10	11	12	13	14	15	16
Go								
Co	2154 1110	0004 1012	1001 0300	0243 2000	0012 2000	0000 0000	0000 0000	0001 4420
So								
Le	3323 1222	1111 1213	1100 0112	1210 0012	1000 0102	0000 0000	0000 0011	0000 1333
Do	2102 0112	0000 0123	1000 0203	1101 1013	2000 0002	0000 0001	0000 0101	0000 1432
Me	1264 0100	0122 1112	1110 0100	1251 1011	1121 1100	0210 0000	0100 0000	0001 1111
Si	2143 1111	0123 1012	1001 0201	1352 1111	1221 1111	1210 0000	0000 0100	0002 2321
Es	3222 1212	1111 2223	2111 1202	1221 1102	2111 0112	0110 0000	0110 0012	1011 2323
Sl								
RS								
Ag	3244 2111	0121 2113	1110 1111	1242 1111	2120 1111	0111 1001	0100 1211	1001 1211
Wi	2112 1111	1111 1113	1110 1202	1110 1002	1100 0101	0000 0000	0000 0011	0000 1222
Ab	3233 1111	1111 2223	1110 1112	0211 1113	1111 0112	0011 0011	0010 1021	0010 2323
Sr								
Ni								
Ya	1223 1122	1211 1301	1212 2222	1122 2111	2̈112 1221	0111 0000	0110 1201	3345 4542
CF								
Ch	3244 0100	1211 1123	1110 0111	2232 1001	2221 1111	0110 0110	0100 0111	0011 1112
Za	2232 0210	1111 1113	2011 0212	1211 0012	1012 0112	1000 0012	0000 1101	1001 2132
VD	2233 0221	1113 1223	0012 0313	1221 1012	1011 0202	1010 0000	0110 1112	0110 2433
Zy	2243 1221	2321 2222	2222 2212	2231 2112	1112 1211	2221 1112	1221 2211	2212 2331
SF	4233 2311	1013 2234	2133 1212	2323 2222	2033 1222	1123 2221	0023 3222	0024 3212
Tu	2243 1221	1222 1114	1211 0212	2342 1013	2211 1112	1210 0010	0210 1213	1111 1223
Du								
Ke	2254 2322	2232 2233	2321 2213	2342 2223	1233 2222	1232 1̈011	1122 2222	2332 3443
SJ	2132 1210	1111 1212	0111 0221	2221 1121	1110 1110	0110 0ï00	0000 0ö00	0111 1112
Ho	2133 0111	2122 0012	1111 0112	1232 1010	1111̈ 1̈111	0000 0000	0000 1012	2011 1202
ZS								
Hu	2121 2321	1122 2323	1112 1332	2232 3222	1111 2221	0111 1220	0011 3311	1112 3332
Ap	2334 2211	0222 0132	3210 0102	2232 1121	1111 0121	2210 0213	1210 1233	2201 1220
Ku								
Pi								
CT	1132 2211	1122 1122	1021 3211	2211 3000	2122 2110	0031 3110	0131 2111	2111 3323
Wa	2343 2122	2333 2223	2211 1322	2332 2223	2112 2211	1̈211 1111	1211 2212	2222 3432
To	3343 0112	2333 1112	2222 0321	2332 2112	2221 1111	2221 0011	2221 1201	1212 3332
Am	2343 0111	1212 1012	2220 0122	2331 1000	1111 1020	2210 0011	2100 0111	1101 1220

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1943--concluded

	17	18	19	20	21	22	23	24
Go								
Co	2147 6632	1156 5120	0021 4231	0136 5764	4367 5533	3145 6543	3215 3211	1115 4311
So								
Le	3123 3543	3111 1130	2111 1212	1122 2686	4423 4335	5222 3544	3222 1113	3212 2132
Do	1111 1232	2221 2242	3100 2223	2121 1686	5424 5436	4213 3644	3333 2223	3312 2243
Me	2146 5432	1264 4120	1131 2121	1355 3555	4467 6423	3146 5433	2323 2111	3123 2111
Si	3246 6432	2253 3131	0132 3231	1254 3654	4467 6423	5245 6442	3433 3121	2123 3211
Es	3224 3443	3222 2231	2111 2323	2222 2466	3323 3225	5223 3544	3223 2213	2213 2233
Sl								
RS								
Ag	2136 5343	2343 3221	1232 2111	0254 3466	6455 3213	5244 3433	3312 2121	5323 2121
Wi	2111 4534	2111 1131	2110 1213	1122 2567	3213 4425	6112 2554	2112 1113	2212 2232
Ab	3124 3554	3132 2330	2111 2323	1233 3566	4334 4335	6123 3554	3233 2223	3313 2233
Sr								
Ni								
Ya	1111 2322	1221 3432	2233 3232	2233 4546	3334 4333	3333 3322	4233 5443	2212 3322
CF								
Ch	3235 5432	2333 3121	2231 2221	2353 3454	6455 3223	5244 3443	4323 2122	4323 2122
Za	3235 4554	4122 3340	1111 2423	2122 3578	2224 5424	6233 5543	3333 2323	3112 3331
VD	3125 5554	3223 3331	2222 2432	2233 3665	3324 5435	6233 6443	3323 2323	2213 3332
Zy	3245 4442	2333 3342	2222 3432	2333 3555	3434 5324	5223 4543	2333 2312	2222 3332
SF	2223 4654	3234 2221	2133 3333	2233 3655	4345 4435	6234 4445	4223 2223	3312 1222
Tu	3245 5433	2232 3231	2231 2323	2354 3645	5354 3324	5233 4543	3322 2112	4223 2223
Du								
Ke	3346 4553	2343 2342	2132 3332	2342 4556	2445 5324	5123 5553	2213 2212	3213 3232
SJ	3235 4432	2221 1011	1221 2122	2233 2655	5234 3124	5133 4333	3221 2211	3111 2222
Ho	3234 3223	2132 2121	1221 1112	2234 2454	3243 2213	4122 3222	1211 0121	2212 1111
ZS								
Hu	3133 5543	2221 3321	1211 3333	1332 3544	3334 2113	3122 4433	3211 2332	2101 2332
Ap	3334 4223	3232 2023	3221 1123	2333 1454	3343 3133	4122 3333	1322 1112	3013 2132
Ku								
Pi								
CT	3334 4433	2223 3111	1011 3222	2232 4554	3123 4214	5234 4323	2232 2212	1133 2221
Wa	3235 5543	3234 3332	2221 2433	2233 3555	4334 4324	4333 5543	3222 3222	2222 2332
To	4244 4432	2233 3131	2321 2322	3233 3554	3444 3314	4334 4433	3333 2211	3223 2222
Am	3345 4232	2243 2022	2321 2110	2233 1465	3444 2203	4223 4322	3201 1012	2212 2122

	25	26	27	28	29	30	31	
Go								
Co	1004 4100	0356 5410	1004 5320	0025 4320	0003 3000	1100 2101	0021 3400	
So								
Le	2120 1010	3323 1313	2101 2310	0112 2332	2001 1013	4310 0013	0101 1112	
Do	2011 0011	4323 2324	2002 3410	0222 2342	3100 1123	4211 0013	0000 2022	
Me	1222 2100	1366 2211	1003 3210	0244 3221	0011 2111	1110 0011	0121 1210	
Si	1123 3100	2345 3311	1013 3221	0134 3231	1012 3121	2220 1111	1133 2321	
Es	2111 1111	2223 2313	1012 3310	1222 2331	2111 1122	3211 1113	0111 2222	
Sl								
RS								
Ag	1221 1100	3345 2312	1002 2211	0223 3211	1011 2111	4321 2111	2222 0211	
Wi	1111 1111	3323 1323	2101 3310	0112 2331	2101 1113	3211 1013	1100 1112	
Ab	2121 1110	3334 1413	2112 3320	0133 2332	3111 2123	4321 1113	0111 2222	
Sr								
Ni								
Ya	1122 2310	2345 3421	2212 3421	1122 2111	1233 3321	2112 3422	2221 1211	
CF								
Ch	2221 1110	3345 2312	2112 2211	0323 3222	1111 2121	4321 1001	2221 1122	
Za	2122 1111	1110 2512	2121 4510	0111 3441	1000 0113	3111 0113	0010 1211	
VD	2223 2211	2234 3523	2212 3420	1232 3431	2212 1123	3222 0213	1222 2322	
Zy	1222 2211	3344 3421	2212 4421	1324 4432	2122 2222	2221 2213	2322 3422	
SF	2033 0112	3334 2322	2133 4321	1233 1333	2134 3233	4312 3123	0013 1323	
Tu	2222 2111	3345 3332	2113 2321	1334 2232	2111 2123	3220 0012	2231 1222	
Du								
Ke	2122 2221	2245 2322	2223 4421	1234 3432	2222 1223	3232 1112	1233 3323	
SJ	1211 0211	2133 1211	2111 2211	1223 2222	1010 1111	3320 0011	1100 0011	
Ho	1111 0011	2334 2211	2102 2221	1123 2211	1112 2121	2210 1001	1020 1212	
ZS								
Hu	1111 2220	2222 3432	1001 4331	1212 4331	1112 3331	3111 2211	1111 2332	
Ap	1211 1023	3324 3232	4312 2123	2324 2323	1211 2123	3111 1223	2210 1213	
Ku								
Pi								
CT	1112 1311	2134 3411	1123 3311	1113 2221	1122 2122	3111 1112	0102 3322	
Wa	2322 2212	3334 3422	2112 3322	2334 3433	2212 2222	2231 1112	2212 2323	
To	3221 2123	2334 3312	3212 2311	3323 3321	2222 3121	1221 1102	1212 2203	
Am	3211 2002	2324 3211	3202 2211	2223 1211	2221 2011	2221 1022	1200 1222	

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1943

	1	2	3	4	5	6	7	8
Go								
Co	0022 2201	0112 4200	1334 4322	2325 5321	2135 5321	2235 5432	0111 0111	1002 3220
So								
Le	2111 1113	1121 2112	3122 2233	2322 2223	3121 2342	3122 1334	2111 0123	2110 0141
Do	2010 1333	0021 2212	2212 2233	3313 2223	3022 3342	3112 2414	2111 0223	3021 0141
Me	1021 0111	1131 2100	0344 3111	3535 2111	1454 2220	2132 3221	1221 0110	0011 1122
Si	1121 1121	1231 2211	1333 3211	2345 3221	2244 4211	2033 4322	1232 0111	1112 2222
Es	2110 1213	1122 2212	2222 2233	2323 2222	3122 3232	3222 2323	2211 2222	3111 1241
Sl								
RS	2101 2213	1011 2112	2122 3143	2313 2233	3122 2342	3122 2424	2111 0123	2100 1141
Ag	3120 2212	0211 2112	2223 3121	3344 2122	3232 3231	4122 3322	2310 2120	1101 1011
Wi	3001 1113	0011 2111	2111 2132	1313 2122	2112 2241	3112 2324	1111 0113	2110 0131
Ab	2110 1113	1022 3213	3223 2233	2323 3233	3122 3342	3111 3433	2111 2223	3111 1141
Sr								
Ni								
Ya	2101 2212	2122 3311	2222 3222	2324 3232	3222 4442	2132 2431	1111 2331	1111 3340
CF								
Ch	3121 0112	2211 1222	3323 2222	3344 2122	3232 2231	4132 2222	2310 0011	1111 1022
Za	1110 0212	1011 2312	2143 2343	2324 3432	2122 4442	2102 2433	1112 0313	2111 0131
VD	2111 2213	0012 3322	2233 3233	3324 4233	2222 3342	3113 3423	1111 0323	2012 2241
Zy	2321 2223	2231 3422	2333 3233	3324 3222	2323 3341	3133 3433	1221 1222	2222 2232
SF	3123 1224	2233 3332	2243 3334	3334 3232	3233 3042	4221 4533	1011 3223	3131 1242
Tu	2021 1222	2121 1212	3332 3223	3344 2223	3333 3232	3122 2333	2320 1112	2111 1142
Du								
Ke	3222 2224	1223 3322	3333 3233	2324 2322	2312 3343	3122 3433	1231 2323	2233 1232
SJ	2021 0212	2111 1101	3322 1122	3233 2021	2231 1220	3122 1212	2210 0001	0010 1122
Ho	1010 1101	1021 1102	1222 3122	3334 1111	3223 3220	3122 1112	1100 0001	1012 1122
ZS								
Hu	1020 2432	2110 3322	2322 3433	3222 3332	2211 3341	3111 3332	2221 2221	0110 2222
Ap	1211 1122	2121 2123	3332 3122	3334 1023	3224 3122	3033 1232	4221 1032	3212 3134
Ku								
Pi								
CT	1111 1113	1121 3111	1132 2222	2223 3221	2223 2221	3123 2423	0134 1213	2032 3132
Wa	3222 2222	2221 3313	3233 3233	4324 3323	3223 3332	3223 2311	2211 1223	1221 2242
To	3222 2122	2122 3222	3333 3122	3334 3223	2324 4221	3233 3222	3212 0223	2222 3232
Am	2010 1002	3221 1112	2333 3123	4424 3023	2134 4122	3233 2122	2210 0011	0322 2011

	9	10	11	12	13	14	15	16
Go					4333 3331	3233 3221	3233 3221	1122 2332
Co	0045 1011	0000 4110	2344 4000	0004 3010	1155 3320	1113 1000	0023 1000	0000 0000
So								
Le	1111 1031	0000 1122	2122 1022	2211 1033	2221 2223	2121 1002	2011 1010	1010 1121
Do	2010 1103	0011 0123	2122 2022	1111 0033	2232 3233	2112 1012	2212 1020	0001 0121
Me	0111 1321	0110 1101	2354 2000	0102 3111	1165 2211	1313 1000	1222 1000	0100 0111
Si	1133 2111	0010 2110	2253 2010	0202 1100	2244 3321	1333 1100	0122 1111	0010 0121
Es	2111 2121	0011 1121	2222 2012	2211 2123	2222 3223	2122 1012	2022 1120	1011 1232
Sl								
RS	1111 0031	0001 0132	3222 2021	1111 1033	2332 3232	2012 0003	2011 1020	0010 0222
Ag	2112 0121	0111 0111	2342 1010	1211 1111	2233 2232	1232 2011	1123 1111	0100 0111
Wi	1111 1021	0012 1122	2221 1021	1100 1032	2211 2123	2111 1012	1011 1021	1011 1121
Ab	2121 0131	0012 2122	3332 2112	2101 1123	3332 3223	2122 1112	2132 1121	1012 1333
Sr								
Ni								
Ya	1333 2210	0011 1232	2322 2121	1112 2121	3343 3221	2223 1121	2122 2121	2111 0332
CF								
Ch	2122 2122	0111 1212	3332 1011	1202 1111	3343 3231	2222 1001	2123 1010	0100 0233
Za	1121 1121	0011 0241	2322 2112	1100 0031	2243 3132	2012 1122	2111 0022	0000 0110
VD	2221 1121	0011 2332	2321 2121	1102 1032	2342 3223	1123 0122	1112 1021	2011 0231
Zy	3332 2221	1111 3432	3432 2011	1112 2122	3443 3222	2233 1222	2222 2121	1111 0432
SF	3230 1121	0000 1233	4332 2111	2113 2223	4343 3323	2132 1122	2032 2211	0033 0433
Tu	2333 1123	0111 1211	3452 2011	1202 1111	4343 3332	2223 1111	2123 1021	0110 0432
Du								
Ke	3332 2132	2222 3232	4433 2022	2221 3232	4443 3332	2223 1212	2323 2121	2222 2433
SJ	2222 1022	0000 1110	3342 0011	1102 0111	3332 2221	1111 0011	1121 1011	1000 0332
Ho	2222 0021	0000 0010	3432 2011	0102 0001	4332 2222	1121 0012	1113 1011	1011 0333
ZS								
Hu	3221 3221	0011 2420	3332 2121	1200 1222	3331 5431	2211 2221	1122 2231	1001 2343
Ap	3422 1121	2301 0021	3442 2112	2111 3122	4442 1132	1112 2023	3123 1131	2110 0343
Ku								
Pi								
CT	2323 2121	0123 4211	3333 3111	0022 2112	4343 4221	2113 2211	2223 2000	1223 2322
Wa	3232 1121	1111 2221	3442 3121	1111 2122	3342 3221	3223 1112	2122 1121	1211 1332
To	3332 1222	3321 2121	3452 3002	2222 2112	3343 3213	3233 1122	2222 2023	2301 1222
Am	3332 1000	1311 0110	3351 2001	1212 1013	2443 2213	3323 1011	1212 0001	0100 0111

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1943--concluded

	17	18	19	20	21	22	23	24
Go	3655 4345	3444 4321	5423 4321	1323 4321	2023 2321	1023 3332	2123 4423	2234 3334
Co	1477 6544	2235 5212	2165 2400	0102 3110	0021 0111	0003 1111	1033 4122	1234 5111
So								
Le	2445 3344	3322 2102	3312 2221	0102 1300	0001 1022	0001 1122	2111 1133	3211 1123
Do	2445 4365	1322 3202	2001 1310	0102 1300	0111 1012	0012 1020	2310 1134	2221 1004
Me	1377 5433	1243 3102	3143 2210	0303 2100	0021 0110	0012 1101	0033 1121	1333 2111
Si	2478 6433	2243 3112	3143 2310	0203 3100	0032 0110	0002 2112	1123 2232	2333 3121
Es	3435 4354	3333 3102	3222 3311	1102 2211	0011 1122	1012 2122	2221 2233	2222 2223
Sl								
RS	2445 4355	3333 3202	3112 2322	0102 1300	0002 0023	0002 1122	2112 1133	3222 1123
Ag	3456 3333	3342 2122	4222 2210	0221 3111	0021 0010	0001 1011	0123 2133	1322 2122
Wi	2446 3354	3322 2102	3112 1221	0102 2210	0001 1123	0001 1111	2111 1121	2211 1123
Ab	3446 4354	3333 3202	3122 3311	0112 2311	0002 2122	0012 2122	3221 1233	3212 2223
Sr								
Ni								
Ya	3345 5344	2233 4212	2143 3322	1203 2220	0111 1121	2212 2121	2223 3032	3223 3331
CF								
Ch	3456 3332	3342 2123	4222 2211	0303 2111	0021 1110	0002 1122	1123 2233	2422 1122
Za	2446 5432	2142 3202	2212 2412	0112 1310	0000 0120	1002 2111	1112 1231	1112 2221
VD	3446 5454	3232 3202	2132 3311	0013 2311	0221 2131	0122 3122	2222 2233	2222 2233
Zy	3446 5344	2343 4312	2233 3321	2222 2311	2110 1222	2122 2222	2223 3222	3233 3232
SF	4536 5355	3334 4212	3233 1210	0112 3211	0012 0121	0033 3223	3233 3343	3332 2223
Tu	4557 4334	4342 2112	4233 2311	0303 2212	0021 1101	1012 2123	1233 2232	2423 2222
Du								
Ke	3456 5344	2342 3312	3243 2332	2133 2321	1132 2221	3233 3222	3332 3332	3243 2223
SJ	4446 4223	2232 2111	3122 2200	0202 1011	0010 0100	0002 1112	0122 1232	2312 1121
Ho	4546 3221	2232 1102	2122 2201	1102 1111	0010 0111	1012 2112	1222 1222	1112 1102
ZS								
Hu	3334 5553	3222 3322	3122 4532	0201 3311	0001 2322	0011 3332	1122 3442	2312 3432
Ap	4545 3244	3323 1132	2122 2211	1102 1111	0011 0011	0012 2112	2221 0133	1112 1101
Ku								
Pi								
CT	4335 4243	1134 2001	2323 2200	0122 2201	0012 1121	0102 2112	2122 2232	2222 2223
Wa	3446 5333	2233 4212	2133 3212	2112 2311	1111 1212	1123 3123	2223 3222	3223 3222
To	3555 5333	3323 3212	2133 3212	2222 2211	2121 1011	3113 3112	2332 2223	4323 3122
Am	3455 3343	3323 2112	2232 2211	1212 1101	2110 0010	2113 2002	2222 0122	2222 2011

	25	26	27	28
Go	2213 4343	3333 3432	3323 4332	2223 2221
Co	1113 2452	4546 2652	3325 4111	1124 2100
So				
Le	1101 2355	5422 1344	3312 1222	1101 0110
Do	1002 2265	5633 2354	3322 2133	0011 0120
Me	0212 1024	5645 2422	3534 2112	0322 1100
Si	0213 3332	4546 2432	3524 3111	2223 1011
Es	1111 2344	5422 2343	3212 2123	1111 1120
Sl				
RS	1102 2443	5422 2343	3202 1132	2112 0220
Ag	0201 1235	6533 2333	6413 2121	1212 0110
Wi	1101 2344	4411 1343	4311 1122	1111 0110
Ab	1112 2444	5433 2443	3312 2223	2111 0111
Sr				
Ni				
Ya	2202 3463	3334 1554	3213 3121	1112 2211
CF				
Ch	0201 1244	6423 2333	5413 1121	1212 1110
Za	1301 1461	6333 2454	5013 2022	1001 1220
VD	1002 1554	5323 1453	4313 2132	2111 1220
Zy	2111 2553	4333 1453	3323 3121	2112 2220
SF	1002 1444	5444 2533	4323 3112	2222 2210
Tu	1202 1344	4534 1443	4423 2132	1222 0020
Du				
Ke	2332 3453	4344 2554	3323 2232	1332 0220
SJ	0200 0334	4423 2332	4322 1111	1100 0000
Ho	0202 1234	3324 1231	1313 1011	1111 1000
ZS				
Hu	0201 2344	3322 2433	3211 3331	2100 0111
Ap	2203 1245	2334 1133	3323 2122	1101 1021
Ku				
Pi				
CT	0003 2333	5333 2523	4313 3111	1212 2000
Wa	3112 2554	4333 1452	2213 2122	2121 1111
To	3212 2554	3433 1352	2223 3010	2311 1111
Am	1202 1233	2423 1333	1313 2001	1201 2001

·· Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1943

	1	2	3	4	5	6	7	8
Go	1013 4331	1234 5331	1223 4323	3444 5445	4644 4433	4123 4433	2123 4423	3323 4422
Co	0100 4502	0164 5210	0025 1112	2246 4323	3444 4421	1131 3321	2021 2211	3244 3211
So								
Le	0111 2320	1144 2110	1022 2133	3233 2344	3333 2433	3121 2242	2211 2133	3312 1223
Do	0000 2320	1123 3100	0012 2024	3233 3245	4433 3433	3121 2042	2101 2233	2301 2223
Me	0100 2211	0266 4111	0016 4012	2365 5223	3463 2221	2230 1111	1010 0111	3343 3011
Si	0100 3311	1155 5211	1124 4122	1355 5223	3342 2331	2130 2231	2121 1211	2243 3122
Es	0102 3321	1244 2222	1122 3133	2233 3345	3333 2333	2122 2232	1112 2232	3222 2323
Sl								
RS								
Ag	0101 1211	1455 3221	0013 2213	3444 3134	4453 3323	3121 2121	2111 2123	4432 2212
Wi	0111 2311	1144 2111	1012 2134	2122 2255	2221 1433	2111 1142	1111 1132	2211 1213
Ab	0212 3331	1253 2111	1133 3134	3234 3345	3332 2433	3121 2243	2212 2132	3322 2323
Sr								
Ni								
Ya	2221 3422	3244 4221	3233 3222	3244 5334	3343 3422	3221 3321	3122 2212	2222 2331
CF								
Ch	0201 2321	2444 2121	0123 2122	3334 3134	3433 2323	3121 1121	2111 1123	3422 2112
Za	0111 1321	1144 2121	1112 2143	1144 5455	3232 1542	2221 2142	1111 1242	2222 2433
VD	0212 3321	0243 4122	2033 3233	2244 4345	3332 2443	2221 2232	3212 2243	3222 2433
Zy	1312 4422	2253 4222	1234 3223	2244 5333	2342 3432	2221 3332	2121 2223	3212 3433
SF	1322 4232	2323 3132	1143 3444	4334 3436	3433 2443	3122 2233	3120 0233	3333 1233
Tu	1312 2332	2353 3122	0124 3233	2343 3223	3442 3422	2131 1132	2121 2223	4332 3213
Du								
Ke	2422 4332	2463 4223	1334 3323	3355 4345	2442 3433	2222 2242	3112 2223	2332 2333
SJ	0202 2121	2334 1012	0133 2122	2234 2223	2432 2322	2010 1121	2101 1111	3311 0112
Ho	0211 2221	2163 4112	1123 1122	2232 3222	2222 2201	1021 0111	2100 1111	1223 2001
ZS								
Hu	1202 3431	2233 4322	1123 3222	2223 3433	2332 4431	2110 3332	2101 2322	3312 2222
Ap	2301 2221	2264 4222	2334 2232	2132 3142	2323 1202	2020 0231	2121 1222	1223 2223
Ku								
Pi								
CT	1322 3221	2253 3222	0233 2233	3233 3334	2333 2222	2222 3231	2023 2232	2222 1222
Wa	1311 3321	2244 4222	1223 3223	3344 5334	3342 2532	2121 3232	1111 2221	2112 3322
To	2411 3421	3354 4121	2224 3223	2343 4323	2333 2422	2210 3322	2311 2223	2223 3332
Am	0321 1312	2354 4012	2224 2123	2333 3223	3342 2211	2111 0121	1210 1112	2123 2212

	9	10	11	12	13	14	15	16
Go	3213 4322	3213 3332	3213 4453	3334 5542	2312 4321	2533 3322	1113 3331	2345 5445
Co	2135 4300	1001 1200	2114 3332	2304 6622	1100 1010	1124 3410	0000 1101	1137 4332
So								
Le	2112 1223	2111 1123	3202 2244	4413 3354	3100 2001	2322 2202	1000 0210	2233 3354
Do	2002 2224	2000 2113	2000 2255	4413 3464	2000 3002	3222 2202	0001 0201	3234 3356
Me	2043 2111	0021 1100	2211 2233	2303 4422	1010 1011	1234 1100	0000 0001	1167 4333
Si	2132 2211	1022 1210	1213 3242	3313 4521	1100 1111	1234 1311	1001 1211	2247 4233
Es	3122 2223	2122 1213	3111 2353	4423 3343	2111 2112	2222 2212	1101 1211	2234 3344
Sl								
RS								
Ag	5332 2122	2000 2111	4311 2244	5512 3432	2100 2111	4432 1311	0100 1211	2456 3244
Wi	2111 1112	1001 1112	2101 1344	3312 3443	2100 2002	2211 1111	1101 0111	1234 2253
Ab	3212 2234	2111 1213	3111 3354	4423 3443	2121 2101	2332 2311	0111 1211	2234 3355
Sr								
Ni								
Ya	2123 3311	1121 1321	2122 2453	3333 5542	1211 1112	2323 2212	1201 0222	2335 4324
CF								
Ch	4122 1122	2101 1112	4211 2254	4522 3332	2100 2011	3422 2311	1101 0111	2456 3345
Za	2122 2223	1011 0122	1121 1254	3322 2633	2121 1001	2112 2301	0000 0101	1224 3345
VD	3032 2233	2111 0122	2121 2344	3333 3534	2212 2002	2232 3302	2242 2211	2343 4345
Zy	2222 3322	1211 2312	2112 3454	4423 4533	2221 2011	3333 2311	1221 1221	2335 4344
SF	3133 2234	3002 2222	3122 2354	4434 3544	2121 2112	2333 3311	1110 2212	2245 3455
Tu	3123 2222	2011 1122	3212 2353	3423 5432	2111 1121	3333 2321	1111 1222	3445 3344
Du								
Ke	3232 3212	2221 2322	2211 3454	3434 3533	2111 1012	2322 2311	1222 2212	2326 4344
SJ	3022 1110	1001 1001	3100 1253	3323 3321	2000 2011	2222 1101	1001 0101	2345 3243
Ho	1123 2111	1001 1101	2001 2253	2322 3321	1100 1011	1223 1111	1001 0211	2324 3133
ZS								
Hu	3123 3321	1013 3321	2112 3453	3313 4431	1001 4211	1211 3311	1001 1311	2334 4442
Ap	3332 2221	2100 1231	2112 2453	3322 3322	2210 0011	2213 0122	1012 1113	2334 3133
Ku								
Pi								
CT	3133 2223	2302 1222	2100 2353	3323 3433	2201 2101	1223 1310	0012 0201	2225 3344
Wa	2123 3322	1111 1222	1111 2453	3323 3532	2111 2112	2323 2311	1111 1211	3336 4332
To	3233 3312	2210 1311	2222 2443	3433 3432	2111 1101	3323 2302	1212 2202	2335 4223
Am	1132 2101	1101 1100	2202 2342	3322 3223	2100 0011	2223 1202	2111 0112	3335 2223

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1943--concluded

	17	18	19	20	21	22	23	24
Go	5224 4223	2133 3432	1124 4544	2245 5442	3234 4432	2224 5555	5334 4443	2145 4421
Co	2116 5011	0121 1221	0022 0322	2366 5550	0136 5320	2214 3533	4566 6322	1135 5410
So								
Le	5122 3102	1021 1230	1012 1334	2233 3352	1112 1221	1212 2346	6433 3243	3121 2410
Do	6222 3103	0021 2334	3202 2455	1233 3461	1202 2221	1213 3447	6433 3343	2221 3410
Me	3015 3001	1133 0111	0032 0222	1376 3341	2336 4221	1114 3333	5675 3232	1143 4210
Si	2125 4111	1133 2221	1032 1233	2366 4341	1335 4221	2214 3344	5664 4232	1143 4311
Es	3113 3113	1122 1321	1122 2434	2243 3452	2123 2322	2213 3344	4433 3342	1122 3311
Sl								
RS								
Ag	4114 3112	1233 1113	1032 2343	3454 3341	1334 3322	1213 2345	6454 3233	3232 3310
Wi	3012 2102	1021 1321	1112 1324	1223 2361	1112 1221	1111 2255	4333 3242	1121 3410
Ab	3123 4213	1032 1331	1123 2434	2243 3462	2122 1332	2223 3345	5432 4343	1121 3400
Sr								
Ni								
Ya	3224 3311	2233 1321	1222 2444	2355 3431	2224 3422	2224 3343	3345 4332	2342 3321
CF								
Ch	5113 3012	1222 0111	1032 2343	3444 3352	2334 2222	2223 3345	6554 2233	2231 2311
Za	5101 2112	1022 1321	0122 1444	1144 2551	1212 1311	1112 2345	5244 4342	2122 3410
VD	4333 3212	2333 2331	2343 2434	2333 3552	2333 2322	2333 3345	5444 4332	2243 4412
Zy	4124 3212	2132 1322	1232 2434	2344 3552	1224 3322	2224 3444	4444 4332	1333 4321
SF	5124 2112	1133 1331	1144 3332	2244 3452	2234 2432	3114 4455	5534 4344	2234 4320
Tu	4123 3112	1232 1212	2132 2344	2444 3342	2334 2232	2324 2344	5553 2232	1232 3310
Du								
Ke	3224 4102	2232 2332	3223 3334	2354 3453	0334 3222	2224 3454	4434 3333	1233 3421
SJ	4113 2012	1122 1211	1022 1333	2233 3342	1233 2122	2223 3244	5442 2232	1131 2210
Ho	3113 2011	1122 1111	0022 1233	2243 3331	1124 2112	2213 2232	3443 2121	1122 3200
ZS								
Hu	3113 3211	1121 2331	1121 2443	2223 4431	2222 1332	2212 4444	5332 3333	1121 2310
Ap	4213 2012	2221 0021	2132 1234	2343 2233	3134 2212	2213 2333	3443 2223	3322 3222
Ku								
Pi								
CT	4134 3212	1022 0111	1123 2332	2244 3332	1122 2322	2223 2444	3424 3232	1112 3210
Wa	3122 3211	1112 1211	1122 2333	3355 3341	2124 2322	2223 3444	3434 4332	2232 3311
To	4223 2102	2232 1223	3232 1333	2355 3442	1224 2322	2324 3433	3445 4332	1232 3201
Am	3124 2012	2222 1113	2122 0234	2255 3231	1224 2111	2323 1311	4453 2222	1221 3211

	25	26	27	28	29	30	31
Go	1432 3221	3233 3422	1023 3332	1013 3232	3325 6554	3445 5534	3333 4434
Co	0112 0000	1020 0201	0002 1212	0001 2010	1112 5553	4346 5433	3313 4523
So							
Le	1210 1001	2110 1213	3001 1222	0001 0112	2212 2467	6442 3254	5311 2435
Do	1200 0100	2000 1223	2001 1231	0000 1122	1113 3477	6433 4364	5321 1546
Me	0311 0000	1220 0012	1001 0121	0011 1010	2323 2245	5455 4323	3422 2323
Si	0311 0110	1230 0211	1002 1221	0012 2121	2322 3355	4446 4433	3322 3323
Es	1211 1100	2121 1212	2001 1222	0012 1122	2222 3466	4333 3244	3221 2434
Sl							
RS							
Ag	1321 1100	2231 1212	1000 1131	0010 2121	3312 3466	7534 3334	5421 2335
Wi	1210 1011	1011 1111	0011 1232	0011 1122	1212 3365	4422 3254	3211 2433
Ab	1321 2111	2121 1213	3111 1132	0021 1122	2323 3475	4423 3354	3321 2435
Sr							
Ni							
Ya	0211 1010	1220 1212	1211 1222	0221 1122	1213 4463	3434 4343	2322 2433
CF							
Ch	2311 1111	2221 1112	1100 0131	0010 1031	3322 3467	6534 3344	5321 2335
Za	0100 0010	0001 1311	1001 1141	0100 1012	2004 4375	5522 2254	4122 2534
VD	2242 2111	2333 1311	3242 2331	1232 2012	2343 3465	3433 3354	3333 3534
Zy	1312 1111	2321 1312	2111 2222	1121 1222	2223 4454	3334 3343	2332 2434
SF	0202 1112	2130 3313	3003 1022	0011 1133	3322 3476	5434 3355	4341 2335
Tu	0311 1011	2230 0111	2011 1222	0011 1121	2323 3475	4444 3343	4421 2334
Du							
Ke	2222 1001	2323 2222	2222 2322	1122 2222	2232 3565	3245 3353	2332 2533
SJ	0310 0000	2220 0101	1000 0121	0000 0121	3222 2274	5223 3233	4311 1234
Ho	1100 0000	1010 1101	2011 0121	0010 0021	1122 3364	2333 2132	2220 2324
ZS							
Hu	0212 2210	2211 2221	1011 2322	0011 2231	2222 3564	4222 4333	4311 3444
Ap	0201 1102	1221 1103	2111 0123	0110 0132	2123 3165	3343 3243	2320 2234
Ku							
Pi							
CT	1212 2011	2021 2112	2012 2122	0122 2112	2212 2475	3324 3344	2212 3324
Wa	1111 1111	2111 1211	2111 2211	1111 1121	1113 4465	3334 4344	2221 3534
To	2211 1102	2111 1211	1212 1121	2210 1112	4334 3333	3233 4465	4331 3533
Am	2110 0002	3100 0111	1002 0110	0100 1000	2122 3363	3334 2222	3321 2323

**Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1943

	1	2	3	4	5	6	7	8
Go	3324 4443	5333 4433	4445 6446	4634 4443	4444 5545	3335 6646	5635 6543	5234 4332
Co	3445 5532	2344 5413	5545 5442	3337 6441	4345 5632	3146 7623	3335 5322	3234 3110
So								
Le	4332 2333	3221 3212	7532 3434	4522 3353	5422 3635	4333 4424	5522 3243	3122 2100
Do	5422 3343	4232 4157	5323 4535	3512 4373	5303 5636	3224 4534	6423 4242	2122 2210
Me	3555 3212	2353 2212	5656 3222	4465 4222	5345 3413	2065 6423	4353 4221	2153 2011
Si	2435 3322	2343 4423	4556 4333	4345 5332	4334 3532	3156 6522	3343 4222	3243 3111
Es	3222 2332	3232 3223	5443 3434	4322 4363	5223 3535	4233 4324	5322 3233	2222 2211
Sl								
RS	3322 2343	3232 3212	5533 3534	3323 4363	4322 3534	4244 5434	5422 3243	3122 1100
Ag	4432 2333	4351 3223	6564 2324	4433 3232	5333 3524	4155 5334	5533 3232	3242 2021
Wi								
Ab	3321 2343	4231 3223	5543 4534	4323 4363	5333 3535	4343 5334	5422 3243	3232 1111
Sr	3334 3332	3221 4313	4444 3433	3335 4442	3334 3644	3245 5423	3343 4232	3333 1001
Ni								
Ya	3333 3332	3231 4223	4344 4433	3434 5443	3233 3433	3335 5423	4433 3232	3333 2120
CF								
Ch	4422 2323	4340 2324	6454 2334	3432 3233	6332 2424	4234 4434	5533 3232	3243 2112
Za	2121 1131	4121 4213	3244 4534	4112 5351	4033 3624	3124 5534	4121 4241	2132 1110
VD	3333 3332	3333 4313	4344 4334	4334 5442	3233 3544	3235 5533	4433 4333	2033 1000
Zy	4333 3332	3232 4213	4344 4443	3434 5443	3243 3534	2344 5433	4433 4232	2232 2111
SF	4412 2334	5243 4424	5444 3435	5433 5463	5333 3535	4355 3424	5422 3333	4243 2100
Tu	4423 2222	4251 3224	5554 2434	4433 3432	5334 2534	4245 5333	4533 3233	2242 1121
Du	4412 3332	3331 3112	3354 3432	3344 4332	3333 3533	3234 4333	3321 4232	2232 1012
Ke	3332 2331	4233 4223	5454 4543	4324 6442	4334 3545	3245 5534	4343 4342	3241 1111
SJ	4322 1012	3230 1013	5343 1322	3411 3122	5412 2423	3223 3222	3323 3131	2131 1000
Ho	3223 2111	3141 1213	5444 1313	3233 2212	3113 2423	3224 3122	4232 3121	1132 0010
ZS								
Hu	2333 2133	2231 3233	5432 3432	3422 4333	5322 3543	3223 3432	3323 4322	2223 2221
Ap	4223 3223	3332 3213	5354 2324	3233 2333	4334 2424	3324 3222	4332 3033	2232 0110
Ku								
Pi								
CT	2312 2232	3221 3223	5334 3334	3322 4342	4323 3323	3333 4323	3433 3222	2122 1010
Wa	2223 2331	3232 4323	5445 4543	3233 5442	2223 3533	2245 5433	3222 4333	2232 1111
To	4223 3331	3231 4212	4344 4443	3334 4332	3234 2523	2245 5323	4333 3222	2122 2333
Am	3323 2221	3242 3202	4444 3333	3243 4322	3233 2433	2244 4222	4332 3122	3232 2012

	9	10	11	12	13	14	15	16
Go	1123 3331	2344 4343	3435 4343	3023 4332	1123 2422	2123 3422	2124 4543	2334 5532
Co	1100 0010	1477 5443	4576 4433	2013 3110	0110 0010	0000 0011	0114 5222	3445 4331
So								
Le	1010 1112	2333 3255	6654 2335	4001 1211	0101 0202	0001 1210	0101 2323	3232 2321
Do	0000 2222	0222 4355	6643 3345	4001 2210	0001 1201	0001 1210	0102 3334	3232 3222
Me	0000 0011	2366 7234	4665 4223	1012 2010	0030 0112	0000 0011	0003 3223	2456 3222
Si	1100 1021	1477 7233	4787 4232	2012 2110	1121 1111	0100 2111	1113 3233	3345 3222
Es	1111 2222	2333 3354	5543 2334	3101 2221	0111 1212	1012 1211	0122 2433	3233 3332
Sl								
RS	0000 1112	1323 3354	5543 3244	1001 2111	0011 0201	0001 1210	0102 2333	3233 3332
Ag	0000 2132	1445 4144	5785 2233	2011 2120	0120 1201	0010 1111	0112 2233	2344 3222
Wi								
Ab	1122 2123	1334 4355	5543 3344	2112 3211	0111 1101	0113 2111	0123 2343	3233 3332
Sr	0100 2111	1254 3343	3466 2331	2211 2111	1210 0222	1200 0111	3121 3222	2333 3222
Ni								
Ya	1311 2122	2344 4343	4355 2332	3212 2110	2213 1122	2111 1211	2222 3332	2233 3322
CF								
Ch	1100 1133	1444 3234	5564 3233	2111 1121	0121 0102	1111 1012	1122 2234	2344 3232
Za	0000 1011	0124 3355	5323 2155	3000 0000	0000 0101	0001 0111	1112 1143	3122 2322
VD	1022 2122	1234 3455	5534 2244	2121 1111	1111 0202	2110 1121	1123 2343	3233 3322
Zy	1321 2132	2244 4444	4445 2232	2222 2111	1221 0100	2221 2221	2222 3232	3333 3332
SF	0010 1223	1244 3256	6553 1345	3232 1211	0110 2301	0011 1111	1133 2344	3233 2232
Tu	0100 2132	2444 3244	5565 2332	2122 2122	1130 0101	1121 1122	1123 2333	3344 2232
Du	2211 2122	2245 5444	3666 5444	2212 2221	0112 2101	1112 2222	2133 2333	3333 2232
Ke	1322 2123	0345 5465	5645 3244	1112 2011	1220 1110	1121 2111	1223 3343	2333 3232
SJ	0001 1121	1223 3343	3443 0122	1021 1000	0120 0000	0000 0100	0022 1132	2232 2121
Ho	0000 1121	0243 2123	3455 1211	0111 1011	0010 0101	0010 0000	0012 2123	2243 2121
ZS								
Hu	1111 3231	2223 4332	3433 2432	1121 2210	0110 1320	1010 1221	0022 3443	2232 3332
Ap	0000 2123	1433 3234	4455 3233	4311 2121	1110 1102	3201 1122	2212 2223	1343 2132
Ku								
Pi								
CT	0212 3122	1224 3245	4533 3234	1022 2111	0010 1101	0221 0121	0022 2232	2222 3221
Wa	1101 1111	1254 5444	2332 2121	2112 2111	1111 2211	1121 2221	1133 3233	3433 3332
To	2310 1001	2354 5443	3455 3332	2111 1001	1110 1002	3100 1010	2122 3222	3333 3322
Am	1100 1011	2454 5233	3555 2322	2101 2001	0110 0100	1100 0001	0113 3111	3333 2122

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1943--concluded

	17	18	19	20	21	22	23	24
Go	2234 4432	2334 4332	2323 4331	1225 5533	3344 6643	2233 4422	1123 2232	1122 3231
Co	1144 3311	1201 3101	2100 3210	0106 6322	3546 6522	1255 1001	0100 0011	1100 0000
So								
Le	3122 2211	2221 1101	2211 2110	0112 2313	5333 3331	1122 2102	0101 0101	0001 2000
Do	2222 2211	1211 1100	1201 2010	0002 3414	5424 4341	1131 2102	0000 0001	0001 0101
Me	1142 1101	0320 1212	2211 1010	0124 4112	3557 4422	2355 1100	0001 0001	0000 0011
Si	2143 2212	2321 2211	2201 1210	0125 5213	3546 5522	2244 1211	0111 0111	1101 1011
Es	3122 2321	1222 1211	2202 2121	0113 3412	5333 3341	1132 2212	1101 2211	1101 2111
Sl								
RS	3222 2211	2222 0101	2311 2000	0123 3413	4334 3351	1132 1102	0111 2001	0101 1001
Ag	2242 2222	2411 1212	3311 2120	0233 2323	4444 4332	1344 2212	0001 1112	1000 0101
Wi								
Ab	3123 2311	1212 1111	2313 2111	0113 4413	5334 3441	1133 1112	0021 2111	0002 2110
Sr	1132 2211	2322 1102	2210 0001	0224 4301	2335 4332	2344 0101	0211 0002	1200 0002
Ni								
Ya	2243 2322	2322 2112	2221 3011	1223 2422	3335 4322	2243 2211	1112 1121	2211 1112
CF								
Ch	2242 2223	2421 1222	3311 2121	0222 3323	4433 3233	1344 1211	0111 0111	1110 1111
Za	2121 1111	1111 0001	1101 1000	0012 3412	5324 3444	1103 3111	0001 0100	0000 0000
VD	2223 1222	1332 1121	3132 3111	1223 3422	4234 4342	1232 1212	1222 0110	1221 1001
Zy	3342 2212	2322 2212	3321 2122	1223 4412	3334 4332	1243 1222	0222 1121	1221 1112
SF	2142 2212	2323 0101	3303 2200	0022 2323	4433 5452	2253 3211	1222 1111	2123 0001
Tu	2143 2212	1432 1112	3211 1021	0222 2323	4444 3333	1344 2222	0111 0112	1111 2101
Du	2233 2111	1334 3221	1233 3121	1133 3312	3324 3332	1232 2222	1222 2111	1122 2011
Ke	2232 2212	2333 2111	2321 2110	1123 4412	4334 4442	2343 1211	1212 0111	2211 1111
SJ	1121 1111	1412 1111	2201 1021	0102 2212	4433 2131	0332 1110	0010 1100	0110 0001
Ho	1133 0111	0312 1111	1100 1001	0002 2023	3324 2221	0123 0111	0001 0000	0001 0012
ZS								
Hu	2122 3321	0321 1221	1101 3130	0112 2421	3333 4442	1222 2220	1111 2220	0100 3211
Ap	1233 0112	1332 0212	3200 2012	1222 2112	4444 2222	2123 1111	2202 1020	1010 0012
Ku								
Pi								
CT	2132 2211	1221 1111	1211 1111	1002 3322	3224 2232	1132 2111	0001 1121	0011 1200
Wa	1232 2222	1312 1111	2111 2111	1213 3423	3334 4242	2232 1111	1112 1111	1111 1102
To	2233 2311	1322 1101	2211 2010	1223 3322	3344 4231	2233 1111	2110 0001	1000 0000
Am	1233 1111	1322 1101	1201 2101	1212 3212	2444 3121	1233 1010	1100 0001	1000 0001

	25	26	27	28	29	30
Go	3334 4333	5335 6333	3222 4432	2222 3243	3246 5433	2445 6434
Co	2342 3322	5664 4423	3220 4400	1210 0032	3245 3322	3547 5213
So						
Le	2211 2325	6654 2343	4221 2220	1111 0123	3232 3332	2333 3233
Do	2112 2326	6543 3366	4100 0120	0100 0124	3122 2333	3434 4233
Me	2341 1214	7665 5212	3220 1201	1220 0023	3265 2222	3557 3212
Si	2242 3323	7785 4222	2220 3310	1220 0123	3244 2322	3535 3333
Es	2222 3334	4543 2334	4122 2220	1111 1233	3232 3322	2334 3333
Sl						
RS	2323 2334	5443 2234	4120 2220	1110 1123	3232 3323	3334 3233
Ag	4332 2335	7675 3333	5110 2321	1321 2233	4143 2123	3545 4223
Wi						
Ab	2312 2334	5543 3344	4122 2321	1111 3233	3132 3323	2334 3333
Sr	2332 2313	2363 2323	2210 2211	1310 0132	2334 2222	3345 3233
Ni						
Ya	2332 2324	4444 3323	3310 3111	2211 0133	2133 2322	3345 3233
CF						
Ch	3331 1244	5564 2223	5120 1210	2220 0134	4243 2123	3535 2223
Za	0122 1324	5542 2245	4110 2010	0001 0014	2131 2312	2324 3334
VD	3233 2334	5433 3245	3320 2221	1233 1224	3233 3323	3323 3233
Zy	2233 2334	5443 3323	3320 3210	2321 2234	2233 2332	3445 3233
SF	3432 1335	5554 2223	5133 2210	0120 0144	5221 3133	3335 4334
Tu	3332 2234	6554 3323	3220 1210	1220 0244	3243 1113	3545 3233
Du	2333 3234	4444 4224	3232 2220	0220 0233	4432 3222	2334 3233
Ke	2332 2334	5354 4244	5212 2210	2221 2234	4333 2223	4445 3244
SJ	3221 0335	5441 1112	3010 0100	1210 0134	3232 1112	3333 1223
Ho	1121 1232	3334 1112	2110 1000	0100 0133	2233 0111	2333 1122
ZS						
Hu	2222 3332	4432 4322	3110 3311	2210 2233	3222 3223	3433 4323
Ap	1121 1232	3334 2112	2110 1002	2111 2334	2233 1114	3333 2232
Ku						
Pi						
CT	2222 2223	3533 2225	4001 2210	1121 2232	2232 3223	3324 2132
Wa	2232 1333	5334 4343	2211 3221	1110 2234	2234 2343	3335 3242
To	2231 2323	4344 3323	2120 3201	1120 0123	2234 1322	3435 3222
Am	3231 1123	4444 4212	1120 2200	1111 0113	2243 1221	2435 2122

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1943

	1	2	3	4	5	6	7	8
Go								
Co	5467 6665	4377 6531	2013 4522	2433 1122	2235 5321	2103 4311	2212 2011	1100 1111
So								
Le	5555 4466	6323 3423	3021 2424	3221 1213	1112 3312	3001 2210	2211 1012	1101 1210
Do	4535 4567	7223 4533	3011 2525	1221 2314	2123 4322	3002 3210	2220 1112	1001 2100
Me	4777 4455	3466 3421	2102 2222	2532 1211	2144 3221	1002 1211	1110 2223	0000 1111
Si	4797 5553	4466 4422	2112 3322	2432 2112	2243 3322	2102 2211	2221 2111	1100 1211
Es	4555 3445	4324 3422	2112 2424	2221 2323	1223 3322	3102 2211	2212 2112	2201 2210
Sl								
RS	4554 4455	5223 3533	3000 1534	3231 1213	1213 3312	3002 2200	2321 1001	2001 1110
Ag	4766 4446	4455 3322	4211 1223	2532 2232	1143 3222	3001 1111	3321 1011	1001 1121
Wi								
Ab	4545 3455	5344 3522	3112 1424	3331 2324	1123 3332	3112 3311	3322 1111	1112 2211
Sr	3455 5453	4335 4423	2211 4323	2422 2213	2232 2222	2212 2222	2221 1111	1200 1112
Ni								
Ya	4444 4444	4244 4322	3221 3333	3322 2232	2233 3322	3222 2221	3322 2112	3221 1111
CF								
Ch	4554 3345	5434 2322	4201 1224	2421 1232	2132 2222	3102 2212	3311 1122	1000 1111
Za	4445 4255	4113 3531	2001 1514	1112 1103	1013 3211	2001 1100	0000 1000	0000 1000
VD	4445 4344	3334 3532	2111 2424	3333 2223	2223 3322	3112 2200	2221 1101	2101 2201
Zy	4345 4344	4244 3422	2313 3323	3333 2232	2233 3222	2212 2221	2322 1111	1211 2211
SF	3553 4346	6354 3433	3031 1425	3333 3124	2133 3331	4100 1300	2312 3112	2122 3321
Tu	5455 3445	5444 3333	3122 1224	3432 2232	2242 3221	3112 2321	3321 1012	1100 2132
Du	4555 5543	3555 5522	2223 2425	3321 1223	1223 2222	1112 2211	2311 1110	1122 1110
Ke	5445 5445	4244 3521	2322 2425	3433 2233	2223 2222	2232 2221	2111 2111	1223 2110
SJ	4444 3135	4322 2311	3110 1123	2321 1122	2122 2220	2102 0101	3311 0021	0000 1010
Ho	3355 3333	4244 1311	1010 1113	1221 0132	2112 2110	2101 1101	1211 1111	0000 0011
ZS								
Hu	4433 3343	4322 3321	3110 1323	2221 2322	2133 3331	1101 2311	2201 2210	1001 3210
Ap	4455 4344	4344 2322	2111 1103	1431 2212	2122 2121	3101 0000	2311 1133	2100 1011
Ku								
Pi								
CT	2443 3345	3334 4422	2011 2325	2311 1133	1113 2111	2011 2201	2110 1111	1002 1111
Wa	5456 5554	4365 4532	3123 4435	3432 2233	1233 3222	3223 3321	2223 1212	1111 1112
To	4466 5444	4255 4421	3012 3323	2332 1111	2133 3211	2102 2200	3311 1001	2110 1000
Am	4566 5544	4255 3422	2001 2213	2432 2111	2132 3211	2102 1001	1211 1001	1000 0001

	9	10	11	12	13	14	15	16
Go								
Co	1111 0100	0113 3111	1211 1222	3432 2021	2266 5522	3326 4222	5567 4312	0126 6333
So								
Le	0011 1210	1001 2320	1111 1322	2422 2121	1133 4423	3312 1213	5533 3232	1013 3342
Do	0011 1100	0002 2330	0010 2422	3422 2122	1144 4624	3323 1323	6533 3232	0014 4443
Me	1121 1111	1013 2111	1110 1223	2552 0022	2165 4312	3346 2112	6676 4113	0016 7222
Si	1121 2111	1012 2211	1210 1323	3352 2122	2265 4322	3234 3222	6666 5223	1026 6332
Es	0001 1211	1011 2331	1121 2422	2322 2222	2233 4423	3323 1323	5433 3322	1013 3442
Sl								
RS	0111 1210	0021 2331	1221 1423	2432 2121	2234 4424	4413 1223	4423 2332	0003 3342
Ag	0111 1121	0112 2321	0111 2323	2441 2222	2253 3413	4413 2213	6654 3334	1014 3343
Wi								
Ab	1122 1320	1002 2431	1122 3423	2442 3222	2244 4524	3323 2323	5433 2332	1013 4442
Sr	1121 0012	1121 3221	2321 2323	3431 1022	2344 3323	3223 1212	4345 3212	2223 4343
Ni								
Ya	2331 0110	2231 3232	2331 3323	3342 2121	3343 4312	3323 2212	4334 3222	3233 4333
CF								
Ch	1210 1112	1112 2222	1221 1333	3541 1133	3343 4333	5423 2224	5553 1134	1113 3343
Za	0000 0000	0101 2312	1110 1312	1431 0211	1134 4523	3213 2213	5214 2323	1003 5253
VD	2221 1111	2212 3220	2322 2323	3333 2222	1144 4433	3224 1213	5334 2333	2114 4343
Zy	2231 1111	1322 3332	2432 3323	3442 2122	2254 4423	3333 2222	5334 3222	1233 4342
SF	0211 2211	1333 2332	2122 3433	2432 3333	3351 4534	4433 3334	5333 3333	1223 5453
Tu	0221 1111	1222 3221	1321 2333	3541 2122	3344 3423	4423 2133	6544 3223	1123 4343
Du	1222 1110	1222 2332	1222 2332	1332 1122	2244 3423	3313 1223	3433 3332	1134 5333
Ke	0121 1112	2223 3320	3341 3432	3342 3232	3254 4444	3223 2224	5344 2333	2224 4344
SJ	1200 0010	2011 2221	2220 1322	3332 1123	2242 2222	3312 1111	5432 2112	0013 2232
Ho	0010 0100	0111 2220	1220 2222	2430 0122	2243 2211	2112 1001	5434 2012	0012 2231
ZS								
Hu	0111 1220	1022 3331	1211 3322	3321 2222	2233 4421	3322 2221	5432 2222	0123 3432
Ap	2021 0021	3112 2221	2230 2223	3430 2133	3353 2211	3323 1214	5334 2213	3224 3222
Ku								
Pi								
CT	1111 1010	0121 2231	0312 2322	2232 2121	2233 2324	2222 2123	4313 2222	1122 3332
Wa	1221 1111	1121 2322	1221 2322	2332 1122	2243 3323	3233 2233	5445 4333	1234 4443
To	1211 1000	1213 1111	2211 1221	2331 1111	3254 3322	3323 1212	4345 3122	2223 3332
Am	0110 0001	1002 2102	1210 0212	3430 1001	2244 2212	3212 0212	4444 2112	1013 3122

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1943--concluded

	17	18	19	20	21	22	23	24
Go								
Co	2355 3432	4667 5332	3443 5333	3225 5221	0102 1100	1111 1100	1336 3222	5434 5623
So								
Le	3232 2355	6543 3334	4532 3332	2111 1222	2111 2110	0011 1101	1222 2322	7522 3446
Do	3232 2466	6645 4436	5532 4343	2212 2222	2001 2220	0001 1100	0222 3333	7212 3446
Me	4333 2552	6677 5223	3453 4123	1113 4111	0233 1100	1020 0001	1345 2124	6445 4334
Si	3344 2334	5666 5333	3453 4233	3223 3122	1223 2200	1121 1101	1225 4223	6434 4333
Es	2223 3454	5444 4434	3432 3332	2121 2221	2011 2220	0111 1111	1222 3333	5422 3344
Sl								
RS	3332 2455	4544 4433	4532 3243	1110 2111	2112 1220	0121 1010	1223 2322	5332 2344
Ag	3244 3344	7665 4234	5652 3123	3113 3212	1322 2110	1121 1112	1334 2233	6433 2444
Wi								
Ab	3333 3465	5544 4444	3442 3333	2111 3211	2021 2210	0111 1111	1223 3333	4323 3444
Sr	3343 2344	4445 3333	4443 4344	1323 3012	1222 1122	2121 1112	1244 2123	4333 4342
Ni								
Ya	2343 3344	4453 3223	3333 3222	3222 2122	3233 2111	2322 1112	2244 3233	4433 4443
CF								
Ch	3344 3345	6644 3234	5552 3233	3112 2122	1222 1110	1122 1113	1333 2234	6433 3344
Za	3331 2554	4444 4334	4332 4143	1111 2111	0001 1100	0000 1000	2222 2222	5421 2444
VD	2232 3444	4444 3334	4433 4233	2122 2111	3222 2200	2211 2102	2223 2223	5432 3444
Zy	2343 3444	4454 4333	3443 3132	2123 3113	2222 1221	2221 1112	2333 3223	5433 3433
SF	3343 3466	5554 5435	4443 3331	1122 3121	1122 1110	1121 1311	2113 3334	5433 2334
Tu	3353 3345	5564 3334	4552 3244	3112 1111	2133 2221	1120 1002	1334 0212	5323 1334
Du	3333 3343	5555 4223	2331 3233	2332 2211	1232 2110	1322 2001	1322 2222	2343 4344
Ke	4343 3454	5455 5334	4443 4343	3324 3311	2322 1210	0323 1102	2423 3232	6344 6556
SJ	2233 2333	4433 3123	3343 2032	2101 1001	1112 1110	1221 1101	1233 2113	4322 1323
Ho	2233 2233	3353 2113	3431 3021	1002 2000	1021 1110	0101 1000	1113 0101	5513 3232
ZS								
Hu	2222 3432	4323 3433	2332 3332	2101 1111	0112 2310	0120 1101	0223 2321	3221 3432
Ap	2333 2234	4454 1223	4431 3132	2112 2002	2222 0111	1302 0003	0423 1122	5523 3233
Ku								
Pi								
CT	2232 2355	3333 3224	3221 2222	1011 1011	1121 1100	0011 2111	1122 1121	4422 4335
Wa	2333 2443	5455 4334	3443 4353	2223 2222	1122 1211	1111 2221	1223 2233	3432 4543
To	2333 2433	4455 4333	3432 4343	2213 3101	2222 1111	1211 1102	1224 2112	4433 4443
Am	3233 2343	4454 3223	3432 4123	2000 3000	0112 0010	0001 0001	1224 2112	5523 4432

	25	26	27	28	29	30	31
Go							
Co	4345 5322	3213 3333	2454 2222	5566 5633	3455 4211	2341 3112	2112 2211
So							
Le	4332 4343	2221 2334	4321 2225	6433 3334	3422 2221	3231 3212	1111 2222
Do	4333 5343	2222 2334	4321 2225	6434 3444	3423 2232	3121 3212	1011 2313
Me	6464 5233	3211 2222	3453 1223	5666 4424	1122 2555	2261 2121	1122 2112
Si	4354 5322	3212 3222	3352 2223	5555 3433	3544 3221	3241 2122	2122 2112
Es	3332 4332	2221 2332	3322 2334	4433 3443	3323 2232	2232 3223	1111 1222
Sl							
RS	4242 4343	2222 2323	4421 2234	5433 3444	3332 1231	2231 3212	1011 1212
Ag	5353 4244	4212 3332	4441 2233	5653 2334	3433 2221	4341 1232	1121 2213
Wi							
Ab	4343 4333	3212 2333	4322 2335	5534 3544	3433 3332	2232 3323	1111 2222
Sr	3334 4433	1123 2322	1233 2223	3354 4323	3343 2112	2241 2111	1221 1112
Ni							
Ya	2333 4433	2323 2332	1233 2233	3344 3323	3442 2132	2232 2221	1132 2222
CF							
Ch	4342 4334	3322 1233	4431 1233	5443 3334	3433 2232	3331 1233	1221 1223
Za	2244 4453	2111 2333	3221 1244	3334 4443	4322 1131	1022 2211	1001 1111
VD	3343 4343	3222 2433	3332 2234	4333 3433	3323 2132	2232 3222	1022 2212
Zy	3344 3342	2323 2332	2432 2334	4334 3333	3432 2132	3232 2211	2222 3222
SF	4342 5433	3312 1342	3431 2445	4444 4544	4433 1333	3232 2313	2011 2232
Tu	5342 3112	3112 0122	3441 0223	4543 2232	3444 2121	3242 1222	2222 2213
Du	3353 5333	3312 2223	2322 2234	3545 4422	3433 2222	2232 2312	0343 1211
Ke	7252 4443	3332 2433	2432 2345	5544 4444	3432 2132	3231 1221	1322 2222
SJ	4341 3222	3211 0122	4320 0222	4432 2133	2422 1120	2131 1121	1121 0121
Ho	3133 2211	1211 1112	2341 0122	4343 2222	2333 2110	2130 0010	1112 1111
ZS							
Hu	3332 4322	2111 2332	3321 2322	3433 3332	2322 2220	2231 2321	1211 2221
Ap	3335 2223	2312 0222	2442 0323	4343 2213	3333 2111	3331 1122	2121 2233
Ku							
Pi							
CT	3332 3232	2212 1212	3211 1144	3333 2333	3323 2121	2220 1012	1121 2111
Wa	3345 4443	2222 3334	3332 2334	4334 3433	3433 3232	2342 2322	1122 2322
To	3345 4332	2212 2332	2233 1213	3344 4423	3443 3131	3241 1211	1212 1211
Am	3344 3221	1101 1121	2242 0113	3454 3223	2433 2011	2231 0000	1011 2110

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1943

	1	2	3	4	5	6	7	8
Go								
Iv	4344 2244	2332 3333	2242 2323	4332 2222	2222 2235	5442 2212	3223 4445	4565 4554
Co	1214 4022	0225 4110	0111 1010	1210 1010	1112 2020	3522 1001	2225 5323	2446 5443
So								
Le	2222 1223	1112 3211	1121 1102	2102 1100	1011 2223	3321 2100	0113 3325	4333 4443
Do	2222 1133	3̈213 3221	0011 1211	2001 0100	2000 2222	3320 2200	0023 4335	2325 4545
Me	1144 2123	1115 5110	0031 0111	1220 1100	2101 2222	5521 1111	3331 5100	2477 5334
Si	2233 3222	2225 5121	1131 1211	2221 2200	2111 3221̈	4̈5̈2̈2̈ 2̈2̈1̈1̈	1215 5222	3456 5534
Es	2223 2232	1212 3221	1221 2212	2122 2200	2112 2223	4322 2211	0113 4423	3333 4543
Sl								
RS	2233 2233	0113 3111	1131 1212	2212 1100	2111 2222	4331 2110	0112 4334	2434 5534
Ag	2132 2233	1114 3221	0121 2121	1221 2110	1111 2222	3532 2121	1013 4334	3445 3434
Wi								
Ab	2123 2233	1223 3211	1122 2202	2113 3110	2112 2323	4432 2220	1223 4424	3434 4543
Sr	2333 2122	1233 2111	1111 1001	1221 1101	2112 2221	2242 2002	1223 2122	3446 4533
Ni								
Ya	3234 3133	2333 3121	2333 2112	3221 2101	3̈123 2332	3243 3211	2223 3322	3344 4333
CF								
Cn	2222 1233	2123 2222	1121 1223	2221 1111	1111 2222	3442 2213	1113 2334	3445 3334
Za	1012 2123	0112 4010	1022 2122	2011 1000	3101 3233	4131 2111	0122 4212	2344 4533
VD	2223 3123	2223 3122	1022 2201	1212 1100	3222 2232	3342 2110	1223 4323	2335 4533
Zy	3323 3122	2233 3112	2232 1112	2211 1111	2122 2223	2343 3111	1123 3222	3544 4423
SF	1̈2̈2̈2̈ 3233	1112 3331	1020 0121	2ï̈1̈1 1010	1222 4322	5442 3211	2323 4435	4443 4543
Tu	2233 2233	2123 3212	2122 2213	2221 2121	2211 2113	4543 2222	2123 2323	4545 4334
Du	1312 1023	2233 1011	1233 1110	0121 1110	1111 2333	3332 2222	2332 3313	3444 4533
Ke	2342 3223	1124 4111	1232 2102	1232 2110	3231 2223	4353 3212	4334 4333	4545 4534
SJ	1211 1122	1112 1001	0011 1101	0101 1000	1110 2211	3342 2110	1012 2222	3434 3323
Ho	1212 1022	1113 1001	0010 1000	1101 1000	2001 1111	1342 2101	0111 2112	3425 3223
ZS								
Hu	1111 2222	1112 2220	1010 2211	0111 2100	1100 3221	3332 3201	1112 3422	2423 5433
Ap	2312 1022	2313 2000	0111 1122	2211 0021	2201 1123	4343 1021	2212 1113	3535 3322
Ku								
Pi								
CT	1122 3232	1112 3210	0022 2211	2010 3200	1002 2222	3332 3322	1002 2323	2333 3432
Wa	1222 2223	2124 3121	2121 1121	1112 1101	1111 1232	2342 2111	1124 3222	2535 5433
To	1222 2123	2213 3211	2121 1100	2211 0100	1201 1122	1232 1100	2113 3212	2435 4433
Am	1122 2012	1004 2012	1120 1000	1200 1000	1102 1012	2331 1000	1113 3112	2435 4433

	9	10	11	12	13	14	15	16
Go								
Iv	4556 4434	3556 3436	3234 4434	3455 4334	7432 3454	5564 3433	4322 1234	3322 1223
Co	3455 5422	1357 3622	1125 5422	1355 5322	4324 6432	4435 4211	1221 0001	2210 0110
So								
Le	4423 3322	1333 2424	1013 4422	0223 3232	6422 3333	4332 2311	1111 1012	1112 1001
Do	5423 4433	2324 3425	2003 3422	1223 3332	6223 3454	5322 3330	0111 0001	1100 1000
Me	3566 3322	2466 2313	0045 4323	1466 4222	5433 4232	4536 3121	0221 1010	1010 0001
Si	3545 4332	2356 3423	1134 4322	2355 3222	4432 4332	3434 3221	0321 1111	2111 2211
Es	3434 4433	1333 3423	1013 4432	1233 3232	4322 3444	3333 3320	1221 1121	1112 2211
Sl								
RS	3434 3333	1433 3413	0113 5422	1333 4232	5322 3433	4233 3310	1111 0002	1110 0111
Ag	4655 3333	2454 2324	1033 3323	1443 2223	6411 3343	5443 2212	1322 1121	1101 1121
Wi								
Ab	3444 4433	1443 3424	1013 4532	1243 4342	5312 3444	4333 3310	1122 2121	1132 1111
Sr	3434 3232	2346 1324	2214 3323	2344 2333	4333 4323	3433 3201	0112 0011	1111 0021
Ni								
Ya	3344 3322	2346 2413	2224 3422	2344 3222	5333 3333	3444 3221	2222 0122	2222 1111
CF								
Ch	4455 3343	2444 2334	2123 3323	1443 3233	6422 3343	4433 2222	1321 1122	1201 1112
Za	2334 3342	1224 2412	0113 5422	1134 3332	5222 3334	4233 3321	1112 1011	1001 1111
VD	2334 4332	1334 2423	1224 4423	2234 3233	5432 3333	4334 3211	0221 0011	1233 2111
Zy	3445 3232	1435 2423	2224 4332	2344 3232	5323 3332	3443 3222	1212 2121	2222 1111
SF	3453 4332	2343 2535	2223 3433	1243 4443	5323 2344	4323 3431	0200 2121	1000 2222
Tu	4545 3332	2555 2424	2133 3323	2442 3233	5533 3333	4434 2331	2321 1012	1111 0112
Du	3345 3333	2334 2323	2213 3423	2333 3232	3333 2232	3422 2321	1231 1211	1232 1111
Ke	4455 3332	4344 2423	2234 4333	2344 3232	6534 3332	5323 3320	1211 1011	1120 0011
SJ	3443 2222	1333 1312	1023 2222	1232 2122	4322 2132	3332 2110	0210 0011	0100 0100
Ho	2334 2011	0244 1113	0122 2212	1242 1121	5322 3122	3323 0110	1110 0010	1000 0000
ZS								
Hu	3423 3331	1222 3322	2123 4522	2222 3331	3312 3432	2221 2310	0200 0111	0100 0210
Ap	3324 3112	2444 0113	3023 2223	2343 2233	5321 3123	5333 1101	1211 0123	2200 0023
Ku								
Pi								
CT	2324 3211	1133 2324	0002 3312	0132 2121	4322 2233	3223 3210	0111 2111	0102 1101
Wa	3445 3332	1336 2423	2124 4423	2433 3343	4333 4333	3333 3211	1111 1111	1111 1111
To	2345 3231	2345 1313	2224 3312	2343 3̈3̈4̈3̈	5̈3̈2̈3̈ 4̈3̈3̈3̈	3334 3211	121ï̈ ï̈ï̈ï̈ï̈	ï̈ï̈ï̈ï̈ ï̈ï̈ï̈ï̈
Am	2435 2322	1354 1314	1124 3212	1342 2121	4322 4223	4334 2100	2111 0001	1001 0000

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1943--concluded

	17	18	19	20	21	22	23	24
Go								
Iv	3221 1122	1121 0121	2223 3445	6445 3446	5455 3535	4555 3334	5443 4556	5555 3545
Co	1200 0000	0101 0000	0215 3322	4535 4323	3435 4523	3564 5332	4435 6523	4565 5532
So								
Le	2101 1101	0001 1110	1112 3324	5523 2325	3323 4434	2432 2333	3322 3344	4333 3433
Do	1000 0000	0000 0000	1023 3425	5422 3336	3223 4545	3532 2343	3323 4445	4433 3433
Me	1110 0000	1114 2334	3022 0010	5555 2124	5345 5323	3684 4232	4444 5334	4565 5333
Si	2210 1100	1121 2111	2214 3324	5534 2223	4445 4333	3563 4332	4443 5333	4564 4333
Es	1111 2200	0001 1221	0113 3434	5423 3333	3323 4533	3333 3343	3333 4434	3333 3432
Sl								
RS	1110 0100	0100 0020	1223 3434	5323 3324	3333 4444	3333 3343	3222 4434	4433 3533
Ag	1001 2121	0122 1011	1113 3335	5634 2334	4434 3333	4664 2222	4443 4444	5654 3333
Wi								
Ab	1111 2200	0112 3211	0213 4534	5324 3433	3333 5533	3343 3443	3333 4434	4333 4533
Sr	2210 0000	1211 1111	0223 2324	4333 3333	2243 3332	3352 2323	3333 4333	3453 2432
Ni								
Ya	3100 1000	---- ----	---- ----	---- ----	4344 3323	3343 3343	3343 5333	3443 3333
CF								
Ch	2200 1121	0112 1112	1213 3445	4623 3334	4334 3334	4553 2333	3443 4444	4553 2343
Za	1000 0000	0000 0101	1013 3333	5222 3234	4244 4432	3222 2343	1222 4433	3322 4432
VD	1011 1011	1121 1101	1224 3423	5333 3234	3344 4433	3322 2343	2332 4433	3334 4433
Zy	2222 1111	2222 1122	1223 3433	4333 2233	3244 4332	2443 2343	3333 4333	2443 3342
SF	2111 1110	0011 1232	1232 3344	6321 3334	4223 3434	3341 3233	3333 5544	3345 4543
Tu	3110 0011	0121 1121	2223 2445	4534 2233	4335 3333	3553 3332	4543 4334	4544 3453
Du	0221 0001	0221 1112	2223 3333	3345 3332	2345 4432	3553 4333	3223 4433	3554 4333
Ke	3222 1000	0321 2021	3132 3434	5333 3342	3244 4443	4443 3444	4333 5434	4433 4443
SJ	1100 0000	0000 0002	1112 2223	4423 2223	3223 2233	2432 1212	3332 2334	4432 2232
Ho	1100 0000	0000 0001	0012 1223	3323 2212	3233 2221	1242 2111	2322 3322	2444 2112
ZS								
Hu	1100 1100	0000 0111	1111 3433	4323 3332	2223 4432	3322 3332	3332 4443	3322 3332
Ap	1100 0100	0011 0013	2222 1124	5423 3113	3234 2222	2343 1112	2332 3333	2444 2323
Ku								
Pi								
CT	0101 0100	0001 2201	1112 2313	4221 3233	3233 3324	2223 2323	2223 4424	3322 2223
Wa	1111 0011	0110 0011	1123 2324	4224 3333	3334 4443	2453 3443	3333 5443	3444 4443
To	1111 0002	0100 1001	1113 2323	3334 4232	3334 3432	1453 3332	3333 5433	3444 3442
Am	1000 0000	0100 0000	2113 1223	3434 3122	3334 3333	1454 2122	2433 4432	3454 3332

	25	26	27	28	29	30
Go						
Iv	6443 3444	4322 1234	5243 2234	3454 4455	5552 2101	2231 1112
Co	3326 5322	2211 3120	2222 3222	3355 4332	3332 2010	2114 2110
So						
Le	3322 1323	3111 1113	3212 1214	2333 3343	3321 1110	0001 1101
Do	3222 2334	1101 2222	4002 2224	3333 4353	4312 1110	1000 0200
Me	3455 4222	2321 1111	1022 1112	3364 5222	2431 1000	1222 1000
Si	3445 4222	2321 2111	2121 2122	3354 4332	3422 2111	2213 2211
Es	3323 2423	1212 2222	3112 2223	2343 4343	2322 1221	1211 2111
Sl						
RS	3222 2433	1112 1222	3112 2314	2343 4343	3322 0000	1111 1100
Ag	3443 3233	2321 2212	3222 2123	3453 3333	3421 1111	2122 2111
Wi						
Ab	3333 3433	1112 2223	4112 2324	2343 4354	3332 1311	1211 2100
Sr	3334 2222	1221 3112	2221 2313	1353 3243	3322 1012	1222 0002
Ni						
Ya	4334 3323	2323 3122	3233 2313	3344 4342	3222 1101	3323 2101
CF						
Ch	3343 2334	3311 1122	3222 1223	3452 3333	4422 1111	2211 1012
Za	2223 2233	1111 2112	3111 2224	2243 4343	4222 1110	0011 1000
VD	3333 3333	1212 2123	2211 1323	3354 4344	3223 1111	1222 2110
Zy	2333 3222	2222 2121	3223 2223	2354 4333	2322 1121	2122 1111
SF	3343 3444	3211 2233	4211 1324	3452 4355	4333 1222	2032 2111
Tu	3443 2223	2321 2122	3221 1114	3353 3244	3422 1121	2212 1012
Du	2234 4322	2313 2122	2111 1234	3333 4343	2322 1111	1122 2111
Ke	4342 3334	3332 2121	4131 3334	5363 4242	3323 2221	2131 3221
SJ	2322 2222	2200 1121	2111 2213	2343 2322	2410 0011	1100 0001
Ho	2233 2111	0111 1011	2111 1112	2342 3211	1311 1010	1112 0001
ZS						
Hu	2322 3332	2200 2221	2112 2222	2332 4432	2310 1111	1101 2100
Ap	3332 1222	2112 0113	3122 0223	2352 3133	2222 0022	1112 2121
Ku						
Pi						
CT	2232 3233	2112 1112	3122 1123	3322 3343	3211 1210	1111 1221
Wa	3234 2423	1111 3122	2122 2313	2343 4252	3332 1021	1112 2211
To	3334 3223	1212 3021	2121 1213	2343 4231	3211 1001	1212 1000
Am	3334 2122	1212 2001	2122 1103	2343 4232	2212 1000	0113 2000

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1943

	1	2	3	4	5	6	7	8
Go								
Iv	4431 1211	0143 1223	4553 3333	4243 3555	6455 3445	6656 4445	4453 2434	5564 4354
Co	1121 0000	1122 2001	3564 3222	1335 3644	4565 6644	4556 6633	3324 4623	3357 5532
So								
Le	0110 1110	0110 2113	2432 2211	2213 3444	7443 4445	5444 3434	3333 2223	4233 3332
Do	0000 0110	0001 2124	2333 3221	2212 4555	7434 5665	6545 4544	4323 3320	5333 3442
Me	1131 0111	1131 1113	3564 3222	2354 3434	6676 4443	4666 6533	3434 3323	3477 5322
Si	1131 1111	1132 1112	3583 2222	1243 3544	5565 5444	4556 5533	3434 3433	3456 4332
Es	1021 2111	1011 2113	3332 3322	2223 4543	4444 5554	4445 4443	3333 3333	3344 4332
Sl								
RS	0110 1101	0121 1023	2432 3322	2223 4453	4443 5555	5445 4444	4333 3333	4344 3331
Ag	0230 2111	1122 1132	3554 2222	2243 4455	6665 3454	6666 4344	4434 3334	4455 4332
Wi								
Ab	1221 1110	0111 2113	3333 3331	3214 4553	4544 5555	5545 5444	3334 3333	3344 4442
Sr	0121 1000	0132 1112	2453 2232	1335 4344	4554 4444	4445 4434	3434 2433	3435 4232
Ni								
Ya	1121 1111	2233 2123	3243 2221	3234 4443	4554 4543	4445 4434	3334 3433	4445 3333
CF								
Ch	2230 0012	1231 1112	3452 2232	2233 4355	6454 3454	6545 3344	4333 2333	4354 3332
Za	0000 0000	0001 2012	2244 2122	2114 4554	5444 5454	4444 4434	3333 2323	3244 4231
VD	1121 1111	0122 2122	2433 3211	2224 4454	5444 4444	4455 4434	3334 3323	3334 4332
Zy	2221 1111	1332 2122	2433 2222	2335 4443	4545 4434	4455 4334	3334 3423	3344 4322
SF	1242 2222	1033 2223	3433 1213	3225 5655	5553 4455	5545 3445	4343 3433	5455 4433
Tu	1230 0111	1132 0113	3542 2332	2235 4545	5553 3445	5545 4334	3433 2243	4454 3332
Du	2222 1111	2233 3232	3444 3322	2234 3544	4545 4444	3546 4333	3334 3333	3355 4333
Ke	3333 2122	3122 2223	3534 3232	2234 4553	4544 5444	4447 3344	4324 3323	3354 4332
SJ	1120 0000	0121 1112	3432 1221	1224 2353	5432 3234	4444 3233	3332 1322	3343 2221
Ho	1010 0001	0021 1022	1542 1210	0134 3433	5442 3233	4434 3222	2313 1122	3343 2221
ZS								
Hu	1120 1110	0121 2212	2442 3321	1123 4443	3322 4444	4333 4423	3322 2322	3332 3331
Ap	2210 1101	0021 1123	3543 2222	3234 3432	4543 3233	4434 3213	3323 2222	3344 3222
Ku								
Pi								
CT	0122 2100	0223 2203	2323 1102	3125 4554	4422 3344	4434 2334	3222 3323	4233 3222
Wa	1131 1111	1221 2123	3342 2211	1233 3653	4544 5455	4545 4444	3333 3433	4345 4342
To	1120 0010	1211 1012	2443 1110	2134 3543	4544 4344	4445 4434	3333 2423	4345 4332
Am	1220 0001	0121 0002	3453 2100	2233 2444	4554 4334	4435 4323	2434 1312	3354 4222

	9	10	11	12	13	14	15	16
Go								
Iv	4466 3654	5654 3432	4466 3345	5555 3344	6343 3445	4111 1222	2443 2453	3434 2444
Co	3456 4443	3457 6432	3465 6333	3454 4422	3334 5522	2010 1021	0224 5531	3344 3422
So								
Le	3353 4453	4523 4421	2333 3334	3322 2333	5321 3432	2000 0120	1111 3322	3310 2332
Do	3354 4453	4524 4445	4333 4322	2234 4433	2233 4432	2001 0120	0112 3332	2220 3422
Me	3477 4433	3467 5332	3576 5323	4455 2323	3454 3333	2000 1121	0133 4322	3354 3222
Si	3455 5333	4446 5322	3475 5223	4443 3223	3443 3323	2111 1122	1233 3332	3343 3332
Es	3254 3453	3333 3432	2343 4333	3333 3333	4222 4442	2001 1221	1112 2332	3321 3332
Sl								
RS	3344 4553	3434 4421	2333 4333	3332 2344	4222 4432	3001 1110	1222 2332	2310 2332
Ag	4566 4353	4535 4322	3465 3224	4555 2333	5443 3433	3000 1121	1223 3223	4534 2232
Wi								
Ab	3355 4564	3434 4432	2344 5333	3433 3334	4333 3443	3111 1220	1222 2332	3322 3333
Sr	3464 3454	3445 5322	2454 5323	3443 2223	3233 2332	2111 1212	1233 2233	3222 2123
Ni								
Ya	3355 3333	4545 4333	3344 5333	3343 2223	3333 2423	3112 1222	2233 4332	3332 2232
CF								
Ch	4554 3343	3444 3322	2444 3324	4555 2333	4433 3333	3011 0120	1233 3123	4424 2233
Za	2254 3553	3444 5222	3244 5422	2222 2233	4111 3332	2111 1100	0032 3241	2121 2232
VD	3244 3353	3435 5322	2334 5433	3332 2343	4222 3342	2122 1110	1023 3242	3222 2333
Zy	3345 2443	3435 5222	2344 4333	3343 2233	3223 2322	2222 1221	2232 3242	2221 2232
SF	3464 3564	3435 3333	2444 5334	4444 1433	4433 2454	3002 2121	1231 4332	1132 3333
Tu	4445 2343	4444 3322	2433 3325	4544 2343	4433 2334	3012 0120	1233 4222	4433 1233
Du	3354 3343	3345 4333	3454 2333	2334 3333	2233 2332	3211 2220	0123 3322	2122 2332
Ke	2355 2442	3444 5322	2444 4432	2344 2343	2232 3332	4333 1121	2244 4342	2334 3343
SJ	3342 2322	3333 2212	1333 2213	3332 1123	3322 2322	3000 0000	1121 2121	4322 0112
Ho	2244 2233	3334 2101	0332 3122	3333 1121	3232 2122	1001 0000	0112 2013	1222 1110
ZS								
Hu	2333 4442	2222 3432	1332 3332	2322 2332	3321 3332	2000 1120	1122 2221	3321 2321
Ap	2345 2223	4334 3213	2333 3223	3333 1232	4332 2122	1110 0023	2112 2113	2322 1212
Ku								
Pi								
CT	2243 3343	2313 3322	1233 3213	3424 2333	4232 3332	2012 2010	0223 2222	2122 2312
Wa	2355 3443	4435 4432	2444 5221	3334 2343	3333 3432	1111 0110	1112 3342	2222 3342
To	3245 2433	3435 3322	2354 4333	3333 2233	3332 2321	2000 0110	2223 3231	1323 2221
Am	2254 2233	2445 4222	2453 3223	3444 1212	3333 1221	2000 0010	1123 3221	2222 2012

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1943--concluded

	17		18		19		20		21		22		23		24	
Go																
Iv	6331	3343	3333	5544	5553	3545	5343	2333	6554	3435	5555	3456	5433	2333	5432	1000
Co	2221	1222	2434	5533	3342	2433	3223	2212	3244	4323	2355	4432	2213	3211	2110	0000
So																
Le	4311	2213	2223	3343	3432	2333	3111	2322	3232	3323	2322	3223	2121	2222	2221	2110
Do	4010	3323	2223	4343	3333	3323	3101	3322	3222	3423	2423	3324	1222	2211	1211	2111
Me	3211	1122	2445	4333	3452	2223	3144	2222	3353	3222	3356	3222	2243	2122	2321	1110
Si	3222	2133	2333	4433	3351	2323	3233	3222	3343	3323	2344	3322	2243	3222	2321	1110
Es	4212	3333	2224	4443	3332	3333	3212	3322	3223	4423	3223	3333	2122	3321	2211	2210
Sl																
RS	4210	3133	2224	4343	3332	3333	3212	2321	3332	3423	3332	3323	1222	2311	2221	2200
Ag	4211	2233	3544	4443	4442	2333	3233	1222	4344	3233	4344	2343	2242	1221	2321	1011
Wi																
Ab	4211	3323	3324	5444	3332	3433	3122	3313	3333	4333	3233	3334	2222	2321	1321	2200
Sr	3022	2133	2233	4433	3442	2213	2233	4444	3443	3333	2343	4323	3233	3222	1231	1002
Ni																
Ya	3322	2232	3343	4543	3542	2323	2333	2322	3244	3312	2343	4333	2233	3222	1221	2121
CF																
Ch	4221	2234	3543	4343	4342	2234	3222	2232	4334	2233	3343	3333	2232	1232	2320	0110
Za	3121	2124	2223	4423	2133	2222	2222	2311	4222	3300	0013	2223	1011	1221	1012	1000
VD	3322	2224	3223	4433	3332	3333	2123	3322	3233	2323	2333	3323	2133	2221	1222	2000
Zy	3322	3223	2454	4432	4442	2323	2223	2222	3343	3323	2334	3322	2222	2222	2221	1111
SF	4223	3333	3434	4345	3333	1132	3222	3321	4334	3334	3234	3234	2232	3221	2322	2301
Tu	4332	2234	2434	4443	4441	1334	4222	2222	4333	2323	3343	2233	2243	2323	2321	0100
Du	1222	2112	1233	2333	3333	2232	2234	3322	2233	3332	2334	3332	1223	3321	1122	1200
Ke	3324	3223	3454	5433	3343	3333	3333	2322	3334	4323	2434	3331	1333	2321	2222	1112
SJ	3111	2134	3333	3242	4431	1223	3111	1112	2222	2122	3332	1122	1131	0211	1310	0002
Ho	3121	2111	1312	3221	3330	1212	2121	1101	3233	1222	1232	1112	0122	1100	1110	0000
ZS																
Hu	2011	3323	2323	4433	3331	3322	3212	2221	2232	2331	3222	3322	1121	2321	2311	1210
Ap	43--	----	----	----	----	----	----	---4	3233	2222	2332	2123	3122	1112	1110	0013
Ku																
Pi																
CT	3331	2232	2233	4334	3233	3313	2112	2212	3132	2323	2223	2223	1123	2320	0113	2000
Wa	3221	2323	1323	4443	4342	2333	2222	2322	3233	3333	3334	4333	3322	2222	1221	1110
To	3211	1223	1323	4433	3441	1323	3232	1212	3233	3332	2434	4322	2222	2222	2210	1102
Am	3121	1122	2323	4332	3342	1222	2222	1111	4333	3222	1343	3122	2232	2111	1210	0011

	25		26		27		28		29		30		31	
Go														
Iv	1111	1122	2233	1354	5343	2323	1442	2333	5421	1223	3455	3443	3335	5333
Co	0101	0001	1114	1121	3233	3310	0114	4110	1100	0001	2335	6632	3336	4222
So														
Le	0101	0111	0022	2232	4322	3311	0112	2112	2210	0012	2223	3332	3222	2224
Do	0100	0010	1033	3232	3121	3311	0000	2112	1001	0001	1334	4442	3223	3213
Me	1200	0101	2223	1132	3223	3211	1222	2111	1100	0000	2367	4423	2237	2123
Si	1211	1111	2223	1132	3223	2212	1122	3211	2211	0111	3345	5532	3226	3233
Es	0111	2212	1123	3232	3322	3322	0122	2222	2212	1112	3324	3442	3223	3234
Sl														
RS	1200	1111	1122	2232	3323	3321	1112	2022	2211	0002	2323	3442	2123	3224
Ag	2201	2212	1222	2232	4221	2221	0221	2112	1411	1212	3455	4343	3234	2122
Wi														
Ab	0111	2212	1113	3233	3323	3321	0112	3211	2221	1102	3334	4443	4134	3334
Sr	3222	1022	2222	1232	2232	3223	1332	3023	2231	0012	2444	4542	3244	3113
Ni														
Ya	2322	1122	2233	1332	3122	3221	2222	2111	3231	1111	3345	4433	3334	3222
CF														
Ch	2210	0023	2222	2133	4222	2222	1221	0222	3201	0001	3445	3333	3233	2134
Za	0101	0001	0011	1033	4121	3201	0002	2001	1110	0001	0224	4442	4224	2125
VD	0212	1122	1323	2242	3222	3221	1022	2022	2222	1002	2344	4443	4223	2134
Zy	1212	1112	2123	1232	3322	3211	2322	2111	1121	1112	2445	4432	3244	2233
SF	2322	0223	2313	2143	4233	2232	0221	3121	3312	2102	3434	5433	4345	3334
Tu	1310	0112	2322	2223	4232	2232	1322	0112	2211	0002	3444	3333	3334	2133
Du	0033	2111	1112	0131	3122	2221	0122	1221	1132	1002	3334	4433	3343	2233
Ke	3342	2122	2333	1232	3333	2222	2122	2111	2233	2212	3434	4432	3244	2244
SJ	1210	0011	1212	1122	3011	1110	1210	0121	2000	1012	3123	2243	3223	1123
Ho	0110	0111	2012	0110	2022	1111	0001	1001	1010	0002	2433	3332	2234	2022
ZS														
Hu	1200	1111	2211	2232	2121	2321	1211	2220	2101	0102	2432	3422	3222	2332
Ap	2201	1122	3111	0133	1233	1212	2221	2012	3110	0112	3533	3333	3334	1034
Ku														
Pi														
CT	0003	2011	1012	1232	3221	2211	0012	2122	2212	2002	3323	4234	3133	3323
Wa	1221	1111	1112	1232	2222	2321	0111	3221	1111	1201	2434	5543	3244	3233
To	2311	0001	2202	0222	3222	2201	1212	3000	2110	0101	2324	4533	3334	3123
Am	0111	0001	1112	0011	2222	2102	2311	3000	1210	0010	2435	4432	2134	2122

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1943

	1	2	3	4	5	6	7	8
Go								
Iv	6354 2533	5453 3545	6455 4455	4555 4556	6555 4445	4354 3453	3455 4312	3556 6555
Co	2445 6532	1444 6643	3476 7343	3455 6643	4464 5622	2255 4352	3257 5510	3347 6664
So								
Le	3132 3443	3232 3344	6333 3334	3323 4443	5333 4333	2232 2342	2224 4311	2434 7889
Do	3232 3452	2133 4344	7333 4233	2333 5444	5233 4433	2232 2341	2124 4411	2423 7779
Me	3455 6332	3575 4533	5666 6233	2566 5533	4466 4321	2364 4232	2268 5311	3558 7756
Si	3445 5432	3364 4433	4555 5243	3555 5533	3454 4332	3343 3332	3247 6321	3448 8765
Es	3233 3453	3333 4443	5343 3343	3333 4453	4333 4333	2233 2442	2224 4312	3434 5656
Sl								
RS	3232 4443	3333 4353	5333 4343	3333 4443	5333 4333	3233 2352	2224 4401	2334 6757
Ag	4253 3432	3562 3444	6554 4334	4444 4343	4454 3322	3343 2333	2246 3311	3645 5567
Wi								
Ab	3334 4553	3343 4453	5344 4343	3433 4554	4333 4443	3243 2452	2234 4412	3434 5556
Sr	2443 4433	2353 3433	4445 4233	2345 3454	4344 4332	1243 2242	2246 4412	3445 5766
Ni								
Ya	3344 4433	3254 4432	4344 4243	2345 5343	2222 3242	2343 4322	3245 3412	3435 5543
CF								
Ch	4343 3332	3362 3344	6543 3344	3443 3343	4444 3222	2242 2232	2245 3322	3535 5556
Za	1222 3542	1243 5444	3223 4242	3243 5542	5444 4332	2142 2251	1125 3421	1224 5655
VD	3333 4443	2343 4344	4334 4243	1344 5443	4333 4333	3232 2352	2225 4411	3334 5565
Zy								
SF	3433 4533	3443 4453	4444 4353	3433 4455	5344 3343	2333 4442	2335 4402	4435 4655
Tu	3343 4433	3363 3334	5544 3244	4434 3343	4444 4223	3343 2243	2246 3312	3645 5645
Du	2232 4343	2233 2234	4333 3132	1332 3442	5344 3232	3243 2242	1135 4423	3435 5554
Ke	3443 5433	2444 3444	4344 4343	2545 5542	6344 4332	2332 3352	3335 4421	3436 6656
SJ	2322 2322	3342 2232	5332 2243	3333 2332	3321 2222	2231 1242	2233 2201	3534 5335
Ho	2222 4321	2353 2222	3343 3222	2332 3222	3333 3110	1233 2131	2225 3201	3434 3533
ZS								
Hu	2221 2432	3331 4342	4332 3332	3312 3442	3321 4332	2222 2332	2233 3311	3433 3534
Ap	3333 4321	3453 2323	4333 3123	2332 3322	4332 3231	3333 2123	2225 3222	3434 4544
Ku								
Pi								
CT	3323 4432	2333 3334	4234 4242	2323 3334	4323 2232	1123 2231	2235 4311	2324 4534
Wa	2333 5443	3243 4443	3444 4342	3334 5433	3444 4432	1233 3242	2335 4511	2435 6655
To	3333 5432	3354 4442	3344 4242	3344 4433	4343 3332	1233 3242	3235 5410	3434 5655
Am	2332 5332	2354 3332	4344 4242	3343 4323	3343 3221	2233 2131	3236 4301	3435 5654

	9	10	11	12	13	14	15	16
Go								
Iv	5555 3336	5442 2235	5333 2233	4343 2226	5466 5444	6455 4356	4454 4545	6565 4435
Co	5555 6632	3323 2112	2222 1121	1233 2222	3466 6645	4436 6433	3342 5543	3456 5332
So								
Le	9732 4434	3421 2112	3211 1212	2220 1214	3435 5455	5223 3355	3322 3343	4344 3333
Do	8732 4434	4411 2222	2102 2212	1100 1215	3335 4366	5324 4455	2322 3344	4444 3333
Me	6664 4423	4433 2112	1233 1122	2132 1223	3677 7445	4545 6334	3442 3334	4466 5333
Si	7863 4422	4432 3112	2232 2122	2232 2223	4668 7435	3545 6333	3342 3333	3455 5433
Es	7443 3324	2322 2122	2212 2222	2121 2224	3444 5455	4223 4455	3333 4444	3344 3424
Sl								
RS	6542 3334	3321 1113	3201 1112	2120 1213	3445 5455	4333 4454	3332 3443	3344 3433
Ag	9953 3224	5332 1122	3141 2132	3231 2335	4565 5455	5444 4345	4331 3444	5465 3233
Wi								
Ab	6443 4334	3312 1223	3222 2222	3121 2234	3544 5455	3234 4464	3333 4444	3345 4434
Sr	5444 4413	3333 2112	2221 1212	1121 0333	3456 6455	4344 5444	3333 3333	3355 4333
Ni								
Ya	3433 4311	2323 2212	3222 1212	2220 1224	3456 4445	4244 4344	3332 3443	3445 3232
CF								
Ch	7633 2224	4322 0123	2232 1132	3230 1035	4555 4455	5434 3445	4332 3444	4465 3433
Za	5424 2224	2112 0000	1000 0001	1011 0114	2445 5455	3222 4454	4221 1141	1145 3332
VD	5334 4333	3323 2012	2212 1112	2212 1223	3425 5455	3333 4444	2333 3344	3335 3323
Zy								
SF	5442 1323	4332 2112	3320 0322	2111 1334	5544 4455	4332 3345	3322 4445	4335 3334
Tu	6642 3223	4422 1123	2232 1122	2331 2235	4555 4445	4444 3444	3332 3343	4465 3333
Du	4532 3233	3322 2111	1233 1122	2122 2334	2435 5455	4333 3434	3342 2243	3355 4333
Ke	6433 3432	2332 0211	3132 2312	2232 2333	2545 6456	3224 4543	2333 3343	4356 4434
SJ	5420 1111	3310 0011	2221 0021	1220 0123	3444 3335	3222 2333	3321 2333	3444 2222
Ho	4331 1002	2321 0001	0021 0012	0120 0213	2544 3224	2223 2223	2232 1222	3355 2222
ZS								
Hu	4411 2321	3211 2121	2211 2121	2211 2222	3433 5544	3222 4433	3221 4433	3343 3432
Ap	4344 2113	2421 0112	1220 1121	3232 1324	2644 4224	3223 3234	3232 2133	5255 2332
Ku								
Pi								
CT	4333 2224	3311 2112	2122 2111	1020 0124	2555 4355	3243 2354	3323 4344	3335 3323
Wa	5343 4332	3223 2212	1221 2121	2221 1224	3546 5456	3235 4545	3332 4453	4345 4433
To	5333 4323	3322 1100	2221 1201	2321 1323	2545 5445	4345 5434	3342 4343	4355 4332
Am	5543 2323	4322 1001	0121 0101	1231 0223	3556 4444	4335 3333	3342 4333	4365 4222

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1943--concluded

	17	18	19	20	21	22	23	24
Go								
Iv	6554 3445	6466 4533	3565 4545	6466 4445	6564 3334	4331 3236	5664 2222	4332 3434
Co	4465 3433	3458 5423	2357 6634	3567 6523	4534 5132	1112 3111	2201 4213	4553 3522
So								
Le	5432 2334	4345 4440	0244 4455	5443 4235	5443 2223	2110 1212	2201 3224	3442 2323
Do	6433 3324	4445 4440	0034 4455	6354 5234	6433 3222	2010 0221	2211 4223	4542 2424
Me	6674 3223	3477 6323	2267 7335	4677 5333	4754 4222	0121 2111	1320 2123	5662 2332
Si	4584 3233	3459 6323	2357 7334	4668 4333	3543 4222	2121 3111	2211 3223	4552 2322
Es	4432 3333	3345 5441	1234 3554	5344 3334	3333 3222	2111 2222	2212 3234	3443 3423
Sl								
RS	5442 3344	3344 4441	0244 3554	5444 3334	3443 3213	2012 1122	1211 3223	3542 2423
Ag	6563 3344	4566 4322	1355 4445	7655 4334	5543 3222	3121 2021	2211 3233	4662 3323
Wi								
Ab	4442 3334	3345 5541	1244 3554	5444 3445	3443 3312	2111 2223	2222 3234	3442 3423
Sr	4454 2333	4347 5332	2345 5444	4336 4333	4433 4122	2211 3111	1222 3233	3442 2423
Ni								
Ya	4333 2332	3336 5323	3245 5434	4345 5333	4343 4222	3111 3221	1342 2333	3552 2423
CF								
Ch	6552 3244	4445 3333	1345 2445	6545 3344	5433 2222	3220 1122	2211 3144	4542 2333
Za	4232 2333	2236 6541	0144 5555	5233 5334	4232 3101	0100 1111	0003 1113	2552 1422
VD	3433 2434	2346 5530	0244 4454	4444 4334	4433 3112	1013 3221	0213 3224	3553 2423
Zy								
SF	5333 4444	3235 5442	2443 4465	6445 3345	5543 3222	2210 3222	2233 3124	3352 2414
Tu	6553 2334	3456 4323	2345 4434	5545 3234	4444 2213	2220 2111	1322 2334	4542 3333
Du	3453 2323	3345 4433	3355 5544	3454 3333	2444 4112	2231 2222	1123 2334	4432 2322
Ke	4543 4433	3457 5531	3354 4565	4555 5345	5433 4223	2231 2222	1112 3234	4553 2332
SJ	4432 1123	3335 2221	1243 1434	5443 2233	4432 1111	1210 1010	1200 1123	4541 1222
Ho	4443 1211	3345 3302	1243 3322	5445 4223	3333 2111	1000 0011	0111 1123	2442 2212
ZS								
Hu	4321 3322	3334 5322	1233 3533	4443 4332	4432 3322	1111 2220	2211 3331	4421 3421
Ap	4444 0132	4346 3231	3243 4334	4445 3233	4333 3112	2210 1010	3222 1133	3552 2312
Ku								
Pi								
CT	4432 2233	3335 4332	1233 4354	5354 4224	3432 3111	1110 1101	2122 3123	3333 2423
Wa	4444 2533	3347 5432	1245 4544	4455 4343	3334 4221	1111 2221	1111 2213	2542 2422
To	4443 2433	4347 4321	2345 5434	4446 4333	4343 4112	1211 2220	1312 3223	3542 2422
Am	4454 0222	4346 4311	3344 5334	5446 4222	4433 3012	2110 1010	2211 2213	2542 2422

	25	26	27	28	29	30	31
Go							
Iv	6564 3435	5555 1135	4433 2333	4433 5446	5444 5544	6666 5667	6676 6564
Co	3445 5522	3376 4222	1010 0110	1216 6544	4357 7632	5656 8745	5678 7754
So							
Le	4422 2334	3432 2332	1201 2122	1223 5436	4523 5643	5744 6678	8867 6764
Do	3433 3433	2233 3332	0201 1132	1104 6546	5413 4653	5643 6588	9865 7764
Me	4554 3423	3684 2232	1310 0110	1326 6535	5566 7632	4777 7646	5878 9755
Si	3453 3433	3474 3222	1321 1122	1326 8534	4456 6632	4659 8645	7898 9744
Es	3332 3333	2333 3332	2212 3221	2323 6535	4433 5443	4544 6566	7766 6554
Sl							
RS	3423 3333	3333 3332	1211 2022	2223 6536	4433 4553	5554 5566	6765 6654
Ag	6652 2333	4563 2332	1311 1112	2334 5546	6554 5431	7866 6567	7987 7664
Wi							
Ab	3332 3333	3343 3332	1212 2122	2333 6535	4343 5553	5554 6566	6656 6664
Sr	4433 3333	3353 2322	1221 0112	1425 6435	4345 6542	4555 5555	4686 7764
Ni							
Ya	4433 3333	2343 2332	3222 1112	2334 6434	3345 5533	3554 5545	4477 6655
CF							
Ch	5542 2333	4453 2232	1311 0112	2323 5445	5453 4442	6655 5557	7866 6554
Za	2222 2434	2232 3321	1001 0020	1014 6544	3434 5444	4443 5555	5255 6665
VD	3333 3333	3343 3322	1212 1021	2224 6534	3334 5643	4644 5656	6666 7655
Zy							
SF	4432 2433	3341 2332	1100 0312	2345 6544	4444 5644	6663 5677	7666 6765
Tu	5542 2324	4452 2233	2311 1111	2335 5535	5554 4442	5655 5555	7866 5554
Du	1333 2333	2343 2332	2012 1120	1244 6534	4334 4443	5455 6555	5677 7654
Ke	3433 2333	2344 2232	2332 2132	2345 6545	4344 7743	5665 6667	6656 7665
SJ	3421 1221	3342 1221	1300 0111	2223 4424	5432 3441	5543 4556	6655 4343
Ho	4332 3211	2342 2120	0000 0111	2335 4334	3343 3331	3444 3344	4665 5542
ZS							
Hu	2311 3432	3331 3331	1200 1221	2324 6633	4423 4441	5433 4544	6544 5543
Ap	5432 3313	2343 2222	2310 1012	2234 5335	3343 3332	3444 4445	5665 5543
Ku							
Pi							
CT	3312 2333	2233 2321	1122 1221	1343 6424	2233 5442	5554 5655	5654 5653
Wa	3322 3433	2343 2331	1111 1121	1334 5534	3335 6542	4645 5545	5676 7643
To	4443 4323	2343 2321	1210 1111	1334 5524	4335 5431	4554 5544	4575 7643
Am	4443 3322	3353 2221	1100 1021	1334 6434	3344 3332	3454 4544	4666 6644

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1943

	1	2	3	4	5	6	7	8
Go								
Iv	6455 4555	6455 4456	5655 5447	4455 4444	6544 3446	5453 2332	5343 2233	5344 4565
Co	4477 7652	4366 6453	4576 7543	3577 5332	3457 4422	2355 3222	2124 2211	2235 3663
So								
Le	7323 4453	4523 5345	5544 5436	3443 4342	4422 2334	3222 0330	3101 2122	3222 2555
Do	6423 5542	6324 5445	5543 5547	4434 4442	4222 3443	2323 2320	3101 3222	3213 3556
Me	6576 6532	5466 6433	5677 7444	3455 3232	4556 3343	2564 3110	2332 1112	1133 2354
Si	5467 7542	4456 7433	4678 7533	3677 4322	4446 5333	2454 3221	2333 3212	2133 3453
Es	4323 4553	4423 4344	4434 5425	3443 4442	3323 3443	3222 1320	3211 2222	3223 3455
Sl								
RS	5323 4552	4423 5354	4443 4425	3434 4442	3423 2444	3222 1330	3111 2221	3222 2455
Ag	6544 4433	6544 4244	5665 4346	4664 3232	5543 3343	4442 2222	3321 1233	1232 3354
Wi								
Ab	5334 4553	4433 4344	4444 4535	3444 4442	4424 3443	4223 1331	3211 2232	3223 3455
Sr	4454 5443	3345 6344	3456 6535	2355 4333	3434 3423	3334 2232	2223 3322	2233 2554
Ni								
Ya	4444 5543	4335 4343	3445 5434	2344 4333	2333 1223	3335 2353	2333 2453	2222 3322
CF								
Ch	6543 3433	5444 4344	5554 4345	4454 3332	5533 3333	4332 2221	3321 1133	2132 2354
Za	1224 5443	4414 5334	3325 5535	2244 3332	2222 2422	1122 0120	1100 0211	1122 1665
VD	4244 4553	4335 5254	3435 4534	3444 4441	3334 3432	1333 0320	2212 1212	2222 2655
Zy	4334 5342	3223 4244	2345 4524	1344 4341	2324 2312	1122 1221	0022 2221	2232 2454
SF	5344 4654	3533 4355	4444 4534	3455 4442	4423 3344	3214 3341	4322 1222	3222 1656
Tu	5443 4443	5544 4344	4555 4334	3554 2222	5544 2343	3443 2121	3332 2123	2223 2553
Du	5545 5443	4445 5444	4555 6534	3545 4343	5534 3432	3433 3221	2332 2122	2222 2234
Ke	6645 6552	5445 6266	5556 5625	4555 5553	5545 3532	2444 3331	2324 3332	2344 4675
SJ	5333 2322	4322 3144	4443 2334	3443 2210	4422 1223	3321 1230	2211 0211	0022 1453
Ho	4343 3321	3334 4223	3454 2224	2344 2200	2433 1233	1233 1021	2112 1111	1122 1332
ZS								
Hu	4323 3442	4322 4333	4423 4433	3333 3421	3322 3332	2201 2330	1111 2221	2222 3453
Ap	4443 3323	4334 4334	3455 2234	2444 3122	4433 2233	1233 1030	2122 1222	2132 3333
Ku								
Pi								
CT	3334 2443	2424 3234	3334 3535	2444 3331	3313 2333	2232 2121	2212 1221	2222 1545
Wa	4444 5432	4335 5345	3445 4434	2445 4342	3334 3432	2334 1221	1122 3222	1122 2553
To	4344 4431	4334 5334	3456 4324	3555 4330	4433 2323	2233 1220	2222 3211	2232 2553
Am	4444 3332	3334 4343	3455 5325	3555 3332	3433 2321	2343 1222	3222 2111	2232 2553

	9	10	11	12	13	14	15	16
Go								
Iv	5556 3455	6545 4535	6644 3434	6345 2444	6544 4446	6545 4446	5454 2446	6332 2335
Co	5445 5533	5347 6623	4434 5523	4226 3343	5427 5532	3226 6333	3233 3322	2223 3521
So								
Le	7433 3336	5523 3434	4422 3424	5213 1342	5622 3443	4323 3344	4222 2334	3111 2333
Do	7533 4337	6524 4435	5333 3435	5214 3343	3633 3453	4424 3354	4222 2334	2101 3332
Me	5466 4334	6667 5423	4554 4323	4136 3333	5545 5333	2446 4223	2343 2122	1123 1222
Si	6445 4334	5447 5423	4543 4333	3225 4333	5535 5433	3335 5233	3342 2321	1123 2321
Es	5433 4435	4424 4434	4333 4434	3213 2343	4433 3443	4323 3344	3222 3333	3222 3433
Sl								
RS	5433 4335	5434 3444	4332 3434	3223 2353	4423 3452	4323 3254	4231 3344	2221 2433
Ag	7645 4245	7545 3334	5532 3335	5334 2233	5544 3431	4334 3234	4332 1224	2111 2323
Wi								
Ab	5444 4445	4334 4434	4432 4434	3224 3443	4433 4452	4424 3354	4233 3334	3222 3433
Sr	4444 3344	4445 3433	3332 5433	3235 2332	3435 3443	4335 3333	4332 3333	2222 3322
Ni								
Ya	4445 3334	4344 4433	3335 3352	3331 4333	3445 3432	4325 4333	4333 3333	3222 3422
CF								
Ch	5534 3345	6443 3434	5432 3334	4234 2234	5444 2332	4434 3235	4332 2234	2211 2333
Za	5334 2254	4334 3524	4232 4424	4224 3453	2224 3542	5224 5244	4121 2534	2111 2532
VD	5434 3344	4434 4424	4421 3444	3134 2442	4434 3542	3324 4244	3332 4433	0122 3433
Zy	4334 3244	3434 4423	3442 4323	3234 3342	4424 3443	3324 4333	3322 3333	1212 2422
SF	5344 4455	5434 4435	4531 4324	4215 3553	4435 4453	5335 3345	5231 2435	4212 4434
Tu	5544 4344	5545 3423	5532 2324	4235 2343	5534 3343	4445 3234	3332 2323	3222 2423
Du	3445 2434	4445 5423	4443 4324	3325 2322	3334 3443	4424 2243	3442 2331	2321 3343
Ke	5445 4444	5545 6444	5553 4445	4445 2353	4546 4542	4446 4354	5344 3453	3333 3444
SJ	4422 2224	5333 2322	4421 2214	4313 0132	4432 1333	3324 3133	3321 0223	1210 1322
Ho	5434 1223	3334 2212	2321 2112	2014 1222	3323 3232	3333 2223	2232 1211	1102 1112
ZS								
Hu	4312 5433	4322 4422	3411 3423	4222 2332	3322 3432	2323 3432	3210 2322	1110 3432
Ap	5434 3123	3434 2223	4421 3113	3324 2123	4423 3323	3333 3124	2232 1113	2112 1222
Ku								
Pi								
CT	5334 4334	4333 3424	3424 5223	3133 2442	4434 2442	4334 3234	3122 2323	3122 2333
Wa	4444 4433	4435 4333	3332 5344	2225 3442	4434 3432	3334 4243	2332 3333	1221 3432
To	4444 4333	4535 3323	3432 4324	2325 3342	4534 3433	4324 4243	3332 3333	2322 3422
Am	5334 3333	4445 3223	4432 4333	4224 2343	4424 3332	3334 3133	3332 2223	2212 2410

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1943--concluded

	17	18	19	20	21	22	23	24
Go								
Iv	5453 2236	3322 1235	4542 2223	2421 2235	5354 3443	6454 4334	5554 1233	5331 1232
Co	2432 3322	2113 0113	3225 2111	0100 3012	3347 5332	3455 6621	2335 3211	1222 1101
So								
Le	3310 1123	2111 0115	4221 2222	1111 3213	3333 3343	4421 3323	3322 1233	3001 1121
Do	3312 2233	0101 0015	2322 2222	0000 3114	3223 3243	5422 4433	3323 2223	3012 2222
Me	2441 1111	1312 0022	2434 2111	0200 1112	3356 5333	3463 4312	2444 2211	2231 1112
Si	1441 1222	2312 1123	3444 2111	1210 2222	3256 5333	3453 4422	3444 2111	2332 1112
Es	2322 2323	1112 2125	3332 2222	2112 3323	3234 3343	4332 4333	3323 2323	3222 2231
Sl								
RS	3321 2233	1100 1025	3322 2132	1111 3224	3334 3343	3432 4433	3332 1233	3111 1121
Ag	3541 2233	0311 1024	3433 2122	0200 2222	4354 3232	5642 3422	4443 2221	4320 1021
Wi								
Ab	3321 2323	1112 2125	4333 3222	1112 3323	4334 3343	3433 4433	3333 3333	3212 2132
Sr	3322 2212	2211 0023	3334 1121	1112 2112	3335 4243	3343 4422	3333 2322	3221 1222
Ni								
Ya	2222 1223	3322 2212	2333 2222	2321 3323	3334 4333	3343 4322	2333 1322	2222 2222
CF								
Ch	2441 1124	2311 1124	3433 2222	0310 3123	4344 3343	5542 3332	4443 1222	3220 1022
Za	1112 3423	1101 0025	2111 1121	1011 2212	3234 4253	2122 5422	2123 1212	3111 0021
VD	2332 3323	2221 1034	1332 2232	2231 3213	3334 4342	2323 4432	3233 1223	3232 1232
Zy	2321 2222	2212 0122	1233 2132	2221 3323	2235 4242	2432 4422	2332 2323	2222 1223
SF	4311 3334	1220 1115	4334 2132	0010 2314	4335 4343	3333 5433	4242 2223	3130 1232
Tu	2442 1123	2312 1024	4433 2122	1221 2212	3344 3344	3542 3322	4444 1222	3220 1113
Du	2323 1222	1222 2013	3313 2222	1222 3334	3324 3243	2332 2431	3322 1223	2222 2222
Ke	3543 3334	3433 3124	3444 3343	3233 4524	4455 4453	3444 5532	3544 3233	3334 2242
SJ	1321 0123	1300 0035	4331 1121	0211 2212	3333 2143	4520 2221	3322 0111	3110 0002
Ho	0231 0112	0101 0013	2213 1010	0011 2111	2234 3112	1342 2201	2343 1001	0110 1002
ZS								
Hu	3321 2222	2210 1122	3322 3321	0211 5422	3333 4432	3422 4421	2321 2211	3112 2211
Ap	3230 0123	2112 0025	2213 1110	0111 2214	3324 3223	3333 0223	3343 1223	2212 0012
Ku								
Pi								
CT	2323 0223	1132 1124	2333 2111	1221 4323	3134 2133	3333 3322	2222 1212	2132 2221
Wa	1321 3223	2212 1124	3333 3232	1121 2213	3245 4343	3333 4422	2232 2211	2221 1223
To	2332 2222	2221 1123	2333 2221	2221 2212	2335 4242	2443 4422	2333 2311	2222 1111
Am	2321 1012	3211 0023	3333 2010	2111 2111	2335 4233	3443 3302	3343 2212	2111 0013

	25	26	27	28	29	30
Go						
Iv	3353 3223	4565 4565	6655 3456	6654 4446	6655 5556	6555 4556
Co	2345 5201	1465 7543	4347 5453	5677 6543	5578 6664	5678 5545
So						
Le	0232 3211	1333 5555	4433 3356	6543 4434	4545 5455	6544 4456
Do	1023 3201	0223 6655	5413 3355	4753 3554	4435 7566	6534 4467
Me	2464 3111	2466 6532	3567 4343	6777 7423	5788 7443	6778 5444
Si	2344 3111	1374 7533	4456 5443	6658 7433	4678 8553	5669 6434
Es	1233 3312	1233 5455	4333 4354	5433 4445	3443 5455	4535 4356
Sl						
RS	1333 3221	2323 5455	4343 4455	5433 5445	4434 6565	5435 4456
Ag	2353 2212	3564 5533	6554 3345	7665 4324	5665 6355	6666 5345
Wi						
Ab	2333 3311	1333 6555	4334 4355	5443 5445	4453 5565	4535 5466
Sr	1433 4202	2354 5544	3336 5354	4455 6544	2457 6664	3557 4445
Ni						
Ya	2543 3211	2444 4542	4443 5433	3435 4453	2334 4553	3436 4434
CF						
Ch	2453 2221	2454 5443	5544 3254	6543 3234	4645 5345	6656 4345
Za	2242 4411	1124 6554	5244 5454	5234 6445	4334 5574	2446 6555
VD	2443 3312	2344 6554	4234 4453	4344 5444	3336 5465	4436 4445
Zy	2332 3221	3534 5544	3334 4353	4334 5444	2346 6453	3436 4434
SF	0452 3311	1333 7665	5445 3245	6453 5346	4453 5466	5646 5466
Tu	2553 3211	2465 5544	5544 3253	5544 4335	5645 5344	5655 4435
Du	2433 3211	1434 6544	3325 4354	4445 6444	4456 7544	4454 6435
Ke	2655 4422	3445 6665	4446 5664	6445 7666	4566 7665	5646 5556
SJ	1432 2101	2333 4344	4334 3243	5433 3124	3433 3244	4533 2235
Ho	1443 3101	1354 5332	4343 2233	4443 3313	2435 4333	3544 3224
ZS						
Hu	2432 3321	1222 5442	3222 4343	5422 3433	3323 4343	4423 4444
Ap	1443 3111	---- ----	---- ----	---- ----	---- ----	---- ----
Ku						
Pi						
CT	1432 3210	2232 6454	4324 4354	5434 5345	2344 5455	3335 4355
Wa	1553 3311	1344 6543	3225 4343	4444 5544	3355 6554	3346 4445
To	2543 3302	2343 5533	3335 4343	4344 5443	2455 5444	3556 3444
Am	2543 3203	2454 5534	4334 3333	4444 4334	2455 5333	3655 4244

** Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1943

	1	2	3	4	5	6	7	8
Go								
Iv	5555 4356	6455 4566	6466 4556	6455 3334	6433 2345	5333 2321	5333 3445	5345 3535
Co	4457 7644	5336 7653	3467 6534	5545 4322	2223 4111	0213 2110	2113 5533	3227 7634
So								
Le	6433 4456	6333 3555	5433 4546	5423 3423	3211 2132	2221 1100	3202 4334	4223 4445
Do	6523 4355	6333 4566	4234 4646	5323 4423	4121 3233	3201 1100	0003 4335	3124 4345
Me	4665 6523	6436 6343	5577 5534	4556 5321	3431 1111	1232 2101	1012 4323	3137 5334
Si	4656 7633	5446 6443	3477 6434	3535 5321	3332 2111	1232 1111	2112 4433	3237 7433
Es	4433 4455	5334 4554	4344 3545	4333 3323	3211 2232	2211 2101	3212 4324	4224 4334
Sl								
RS	4433 5455	5334 4665	4344 5645	4333 3423	3111 1132	2211 0200	3212 4334	4224 3445
Ag	6644 5436	6444 4345	5456 4335	5554 3222	4332 1132	3221 1100	3111 3244	5235 5445
Wi								
Ab	4443 4455	5334 5665	4345 4655	4334 4423	3212 3133	3321 1101	4312 4334	4125 4445
Sr								
Ni								
Ya								
CF								
Ch	5644 5346	6444 4345	5455 4335	4544 3322	4332 1232	3221 0211	3222 3234	4235 4435
Za	2233 6554	4424 6665	5245 5545	4423 5422	4122 2142	0122 1110	2113 4454	3215 5554
VD	4434 5444	5435 5554	4345 5543	4343 5422	4343 4333	2321 1210	3222 4443	3225 4544
Zy	3434 5434	4344 5553	3355 4433	3333 5312	2221 2231	1111 1111	2122 4332	2325 5433
SF	4443 5445	5424 5565	4355 4555	4334 3433	4221 2033	2210 2200	3323 5545	4235 4346
Tu	5643 4455	6444 4354	4455 2313	4434 3212	4322 1121	1221 0111	2122 3234	4135 4434
Du								
Ke	5545 5554	4455 5665	4466 6645	4555 5523	4443 3442	2334 3422	4444 7644	3337 6554
SJ	4533 4244	4332 4244	4334 3324	4332 3311	3211 1121	1100 0000	4211 3224	4224 3333
Ho	3432 3233	4333 3332	3254 2222	2323 3111	2122 1120	0011 0001	2222 2223	3125 4223
ZS								
Hu	4432 3333	4222 4344	3333 4433	4222 3321	3211 1321	2111 1210	3212 4543	4224 5543
Ap	5433 4334	5324 3333	4345 3223	2323 3132	2212 2033	2312 1101	3322 2224	3235 4223
Ku								
Pi								
CT	3323 5344	4343 5454	3333 3444	3344 3213	2243 1121	1100 0000	1123 4333	3235 4435
Wa	4434 5443	4434 5554	3345 5434	3334 5322	3212 3231	1211 1201	2222 4444	4236 5554
To	4434 5434	4434 4443	3355 4323	3335 5312	2122 3221	2321 1100	3323 4343	3336 5443
Am	4544 3333	4434 4343	3455 4324	2434 3222	2222 2022	1222 1001	3322 3323	3235 5433

	9	10	11	12	13	14	15	16
Go								
Iv	6566 4565	6454 4532	3255 2245	6464 2345	5322 2223	5222 1221	3211 1121	4321 1112
Co	3476 5534	2355 5621	2256 5222	2444 1122	1212 5210	1001 0010	0000 0010	1001 2100
So								
Le	4443 3554	3222 3522	2122 2234	3322 1233	2210 2102	2002 1031	0001 1110	1101 2103
Do	4444 4564	3222 3622	2123 2233	3321 0233	1210 2212	2000 1330	0000 0011	0000 2112
Me	3586 4443	2353 4422	0164 4212	2562 0112	2221 3100	1100 0010	0001 0011	0010 0101
Si	3587 5433	2253 4431	2154 4222	2352 0122	2211 3211	1111 0110	0001 1121	1111 1211
Es	3453 3553	2232 3522	2123 3233	3322 1243	2212 2212	2012 2232	1002 2100	1112 3113
Sl								
RS	4444 3564	3232 4622	2223 2244	3322 1243	2211 2112	2001 1131	0001 1000	1200 1123
Ag	4674 4444	3442 2432	2043 3132	3442 1123	4411 1111	3110 0110	0100 1010	2210 1111
Wi								
Ab	3354 4554	3332 3632	2123 3234	3332 2344	3212 3112	2012 2132	1013 2110	1112 3113
Sr								
Ni								
Ya								
CF								
Ch	4554 4444	3442 3442	2233 2133	3342 0233	3311 2112	3110 0120	1101 1011	2110 1112
Za	2455 4654	2232 5631	1122 4234	3221 0354	2212 2011	0000 0131	0000 0000	0010 0102
VD	3455 4553	2232 4532	2234 4333	3332 0343	2221 3121	2232 1231	2121 2000	2211 2212
Zy	2455 4433	1131 3421	1133 3222	2221 1222	2201 3121	0000 0120	0001 2000	0000 2101
SF	4234 3564	4542 4633	3023 3244	4442 0355	4323 3312	2023 2321	0032 3211	1104 3313
Tu	2553 3433	2342 2431	2243 2121	3342 1132	3320 2111	1110 0010	0001 1011	1120 1001
Du								
Ke	3676 4644	3243 4633	2354 3343	3544 2353	4232 3333	2333 3342	3333 4222	1433 5324
SJ	2443 2333	3221 1431	2122 1021	3330 0122	2200 1002	2000 0000	0001 0000	1110 0101
Ho	2352 2322	1343 1310	1033 2012	2332 0121	2110 2011	1000 0010	0001 1000	0100 0000
ZS								
Hu	2343 4443	2221 3541	2121 2231	3321 2322	1100 2212	2010 2220	0001 2110	1111 3212
Ap	2352 2323	2343 2212	2233 2222	2432 0022	2210 2112	2222 1110	0112 1011	1120 0122
Ku								
Pi								
CT	3344 3453	2221 2421	2222 3233	3431 0243	3202 2122	2321 1121	0013 2010	1121 1102
Wa	3555 4544	2342 4422	2234 3323	2332 1333	2112 3121	1011 1221	1012 1011	1121 2111
To	3555 4543	2343 4322	3341 3222	3332 1223	3321 3111	2120 1121	2121 2112	2210 1212
Am	3465 4444	2343 3312	2244 3122	3332 1122	2210 3112	1111 0110	1111 1011	1111 1111

**Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1943--concluded

	17	18	19	20	21	22	23	24
Go								
Iv	1443 3334	2112 1335	5534 2210	2223 2455	5322 2111	5344 4435	6432 3236	6456 4476
Co	0067 6211	0022 2221	1145 4110	1022 2552	2210 0000	0157 6533	3233 5202	3347 6544
So								
Le	0122 2133	0001 1333	3222 2110	0101 1363	4221 1100	2123 3544	4320 2013	3224 5565
Do	a)-- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----
Me	0155 5211	0021 0222	1012 2433	0011 1332	3330 0111	0246 5323	3243 3201	3468 6433
Si	1255 5222	1021 2221	1334 2221	1111 1442	3320 0011	0136 5333	3232 3312	3447 6533
Es	1223 2223	1002 2323	3222 2220	1112 2354	4221 1101	1134 3434	4212 3123	3225 4454
Sl								
RS	1113 3133	1100 1334	3222 2110	0111 1354	4221 0000	1034 3535	4201 3223	3224 5554
Ag	0343 4212	0011 1122	3422 2120	0111 3243	4321 1110	1245 4234	5321 2212	3436 4345
Wi								
Ab	1123 3234	1011 2333	3232 3121	1112 2454	4221 1110	1134 3545	4211 3123	3335 5455
Sr								
Ni								
Ya								
CF								
Ch	1343 3222	1011 1233	3422 2121	1211 2343	4221 0011	2245 3334	5221 3213	3336 4345
Za	0022 2134	1000 0332	2111 1110	0000 1462	4220 0000	0024 3424	4222 4222	3225 6564
VD	2224 3234	2211 1332	1221 3120	2222 1443	3322 0101	1125 4534	4321 4223	3325 6544
Zy	0224 3212	0010 2331	1112 2220	1100 1451	3110 1010	0235 3433	3121 4212	2225 5444
SF	3134 3234	2033 2334	3323 3231	3132 4444	5222 2110	1244 4434	5012 3224	4335 6455
Tu	1134 4202	0011 0112	1323 1130	1121 1343	4211 0011	1135 2323	4221 2102	3335 3333
Du								
Ke	3445 5344	2232 3443	2334 4332	4323 4463	4332 2233	1557 6645	4232 5323	4237 6635
SJ	2232 2102	1000 0322	2322 1120	1112 1452	3110 0010	0133 2233	4200 1112	3225 3333
Ho	1043 2101	1000 1202	0222 2120	1001 1332	3110 0001	2124 3323	3120 3111	3235 3221
ZS								
Hu	2223 3322	1011 3322	2222 3332	1111 3442	3111 2221	0123 4433	3211 3322	2213 5423
Ap	1443 2222	2121 1212	3233 3132	2321 2423	3121 1102	1224 3323	3220 3111	3235 3221
Ku								
Pi								
CT	1133 3224	0022 1233	2112 3121	2222 2553	3012 1010	0235 2323	4223 3323	3225 5353
Wa	1234 3223	1111 3332	1223 2221	2222 2453	3221 1112	1235 4533	3212 4222	3235 5433
To	2234 3212	1220 3321	2223 2121	2121 2442	3220 1101	2135 4433	4221 4202	2336 5443
Am	1243 3223	2111 2222	3223 2122	2211 2442	3211 0022	2134 4323	3221 3112	3335 5333

	25	26	27	28	29	30	31
Go							
Iv	7566 3454	7666 5465	6455 2346	6555 4467	6655 5466	7555 5547	5655 4565
Co	5456 6443	4577 6544	4466 4444	5667 6744	4357 5643	4347 7333	2347 7413
So							
Le	6534 4454	5554 5554	3433 2354	5533 3554	5433 4454	4434 4354	3222 4444
Do							
Me	6577 6333	3677 7333	3566 3343	5765 4444	5557 6433	4365 6333	3667 6334
Si	5555 6333	3567 7533	3565 3334	5655 5533	3557 5443	4456 6433	3557 7333
Es	5442 4454	4544 4453	3343 2355	4433 3544	4334 4363	4333 5344	3434 4453
Sl							
RS	4344 4554	5545 5554	3333 2466	5433 3654	4333 5464	4343 4545	4534 4454
Ag	6455 4333	5675 4445	5563 2345	7654 3434	6654 4444	4354 5435	5645 5344
Wi							
Ab	5344 4454	5544 5554	3343 2356	5533 3554	4444 5464	4443 5445	3434 5464
Sr							
Ni							
Ya							
CF							
Ch	6443 4333	5465 4344	5453 2345	6543 3444	5554 4334	4354 5335	4535 5344
Za	4344 5454	5445 6554	2344 2455	5524 5551	4255 5563	4445 6455	4544 6554
VD	3444 5553	3455 6553	2344 3555	4435 4554	3334 5443	4435 6544	3436 6453
Zy	3245 5443	3356 4432	2344 3454	4234 5543	3235 5443	4335 5433	3335 5242
SF	5443 4454	5554 3335	5533 5565	3354 4334	4435 4224	4324 5355	3545 4464
Tu	5552 4223	4555 4223	3554 1244	5543 3343	4544 4443	4453 4334	4643 3232
Du							
Ke	4365 5555	5666 6664	4455 4565	5445 6633	4356 7564	4556 7654	5547 6564
SJ	5333 3233	4443 3343	2343 2245	4322 2333	4423 4223	3342 4224	3423 3323
Ho	3333 3133	3454 3222	2343 2133	4433 2222	3343 4332	4333 4213	3433 4221
ZS							
Hu	4332 4332	3333 5533	2332 3343	3322 3432	3323 4432	3332 4433	2324 4433
Ap	3333 3132	3445 3232	3344 2232	4443 3323	4344 4332	4333 4333	2234 3323
Ku							
Pi							
CT	4343 3343	4343 4553	2332 2343	3434 3454	3344 3354	3333 5344	2334 5453
Wa	3245 4444	4456 5543	3445 3354	4444 4543	3446 5443	4545 5544	5445 5343
To	3345 5332	4356 5332	3345 3233	4444 4334	3345 5433	4445 5434	4345 5332
Am	3344 4333	3455 5323	3444 2233	3544 4334	3444 5344	4344 4324	3344 4243

"Interpolated. a)Register clock under repair from October 17 to November 30, 1943.

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1943

	1	2	3	4	5	6	7	8
Go								
Iv	5454 4444	5333 2124	4221 1322	4231 2213	4444 3432	4544 3546	5355 2345	6445 2334
Co	3267 6531	1123 0210	2010 2011	0102 2111	2234 5421	2234 5754	3264 3123	2355 2311
So								
Le	4443 4452	2122 0321	0001 0023	1001 1103	2322 3222	1321 3655	3232 1143	2222 2233
Do								
Me	3466 5332	2144 1111	1331 1011	1110 1111	1244 3221	1232 3444	2265 2123	1455 1211
Si	3456 6432	2133 0211	1230 2111	1122 1111	2244 3322	1233 3543	2265 1132	2464 2212
Es	3233 4453	2112 1221	1111 1013	1201 2112	2322 3322	2322 3644	3232 2243	2233 2223
Sl								
RS	3223 5552	2122 0320	1110 0113	1112 1103	2323 3322	2323 3755	3233 1154	2223 2333
Ag	3345 4432	3233 1110	1230 1111	1210 2211	1334 4232	1322 3544	4243 1233	3443 2222
Wi								
Ab	3233 4453	2121 1311	1111 2113	1211 2113	2333 4322	2332 4655	3233 2244	2333 3233
Sr								
Ni								
Ya								
CF								
Ch	3344 4332	3233 1121	1330 1012	1210 2112	1333 4232	2322 3544	4243 1143	3443 1122
Za	2224 6553	2222 0330	1120 1123	1232 2111	1233 4423	2222 4655	3232 1344	1233 3324
VD	2245 6453	1212 0310	1121 1122	2211 2211	2232 3322	2333 4653	3343 2232	2233 3333
Zy	3245 6441	1122 1210	1100 0111	1110 1111	1231 3321	1322 4643	3232 1142	2233 2312
SF	3244 3353	2033 1221	1221 2113	1200 2103	2333 4432	3322 5656	4333 0242	3344 3224
Tu	3345 4121	2133 0110	1330 0001	1111 1111	1344 3223	2232 2534	3243 1031	2443 0212
Du								
Ke	3234 5441	1233 1322	2332 1223	2323 3221	2333 5432	2332 4653	3343 2244	2334 3333
SJ	3223 4332	3011 0010	1210 1111	1210 0112	2233 3212	2221 2543	3222 0032	2332 0112
Ho	1234 3210	0132 0110	1000 1002	2110 1112	1232 3221	1232 2333	2143 1031	2232 1121
ZS								
Hu	3223 3442	1010 2320	1210 2221	1111 3222	2233 5441	2222 5643	3222 3342	2332 3422
Ap	3552 4223	3132 2111	2211 2011	3210 1123	3333 3233	3232 2434	3343 2242	2333 1122
Ku								
Pi								
CT	2133 3342	1103 1310	1212 3113	2212 2112	3222 4322	2133 4645	2245 2232	2323 2212
Wa	2334 5342	1222 1322	2331 2112	2211 2212	2322 5432	2232 4644	3233 2243	3333 2322
To	3345 5333	2123 1212	2220 2112	2211 1112	2432 4322	3342 3544	3243 2232	3343 3313
Am	3334 4332	2223 0111	2110 1111	1111 1112	2432 4322	3332 3543	2243 1032	3443 1212

	9	10	11	12	13	14	15	16
Go								
Iv	6442 2335	5422 1244	2322 1122	2222 3221	1101 1133	3331 1222	3322 1121	5533 2332
Co	2331 1212	2012 1232	1101 0000	0005 5100	0001 2011	0110 0000	0202 2120	0111 4312
So								
Le	3221 1223	2111 1143	1110 1010	0001 2121	0001 1132	1110 0232	1000 0111	2311 2233
Do								
Me	3240 1111	1011 1233	1110 0011	0013 3200	0001 1111	1120 1000	0001 2221	1301 4222
Si	3251 1121	2112 1233	1110 0000	0013 4210	0001 2111	1110 1110	0111 1121	1311 3222
Es	3231 1123	2111 2243	1211 1011	0002 2211	0001 0222	1110 1221	0100 2122	2322 3233
Sl								
RS	3231 0222	2111 1154	1210 0020	0002 2232	0000 0132	1201 0331	0100 0111	2421 2244
Ag	4251 1222	2101 1242	0100 0110	0101 2100	0000 1112	0210 1110	0000 1121	4411 3222
Wi								
Ab	3231 2223	2121 2143	1111 1111	0113 2221	0011 1233	1111 1321	0111 1232	3322 3334
Sr								
Ni								
Ya								
CF								
Ch	4250 1222	2111 1242	1200 0121	0101 2110	0000 0112	1220 1110	0000 1122	4311 3233
Za	3232 1323	2212 2011	2200 1211	1133 3222	0000 0133	2121 1231	1101 0212	2322 3344
VD	3222 1332	2212 2233	1121 1110	0123 3221	0111 1223	1221 1331	1222 2222	1323 3343
Zy	1221 1321	1111 2132	1121 1010	0113 3210	0001 1211	0110 1220	0111 0312	1322 4233
SF	4244 3223	2011 0333	1000 0100	1113 2311	0023 1101	2223 2311	0121 1333	3422 3333
Tu	4350 1111	1011 0122	0110 0011	0112 2200	0000 1111	1210 1010	0011 1122	2411 3222
Du								
Ke	2341 2332	2233 2223	1232 1121	3333 2221	1231 2333	1331 2331	1122 1323	2433 3343
SJ	3330 1122	2100 2243	0100 1001	0001 2210	0000 1111	2210 0010	0000 0222	2321 2222
Ho	3330 1002	1111 1131	1000 0011	0011 1100	0000 1111	1210 0010	1011 1123	1311 2121
ZS								
Hu	2231 3322	1101 2232	1100 2220	0112 3421	0001 1321	2210 2210	0012 2333	2322 4432
Ap	3331 1224	2321 1232	2101 0132	2113 1122	2101 1122	3421 1000	1211 2123	2332 3242
Ku								
Pi								
CT	3223 1113	2221 1132	0101 1010	0233 1111	0102 1212	2210 1210	2132 3213	3343 2222
Wa	2331 1322	2222 2243	1211 1111	1113 2221	1101 1222	1110 1331	1111 2222	1332 4233
To	3331 1223	2222 3232	2331 0001	2224 2212	1211 2122	2321 1221	2221 2222	2433 4223
Am	3431 1121	3222 1232	1220 0010	2112 2111	1101 1112	2321 1022	2111 1122	2322 3222

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1943--concluded

	17	18	19	20	21	22	23	24
Go								
Iv	2221 1212	4232 2333	2656 4546	6656 4435	6655 4556	5554 3536	5555 4566	5445 5456
Co	1000 0000	0015 5322	1488 6544	4567 5633	4377 7642	3356 6633	4437 6755	4466 6454
So								
Le	1010 0000	1111 2321	0344 4446	4444 3544	4433 4544	3332 3544	3323 3577	6333 4454
Do								
Me	0000 0001	0123 2221	1577 7434	4677 5532	3467 6532	2454 4433	4655 5554	4566 6553
Si	1001 1111	0033 3222	1477 8434	4667 4533	4456 6442	2544 4432	3455 6544	4455 6543
Es	1000 1011	1121 3331	1355 5446	4434 4553	4434 4554	3333 3543	2333 4566	4323 4455
Sl								
RS	1010 1000	1112 2332	1354 5555	4434 4653	4444 5654	3333 4644	2333 4566	5323 5565
Ag	0101 1110	1122 2221	1576 6336	5665 4432	6454 3435	3533 4424	5454 4455	6544 5434
Wi								
Ab	1111 1111	1122 3431	1455 5556	5544 4653	5444 5554	3333 4544	3434 4666	4333 5455
Sr								
Ni								
Ya								
CF								
Ch	1111 0011	1122 3331	1566 6436	5664 3443	6444 3434	3433 3434	4443 3445	5533 4444
Za	1100 0110	0011 2442	1254 5566	5434 4643	5334 6554	3324 2543	3333 5555	4333 6555
VD	1212 1001	0232 4442	2356 6656	5434 4643	5335 5654	2332 4543	2234 5546	4433 6564
Zy	2111 1101	1113 4331	2456 5545	3435 4542	5335 5542	2333 4422	2344 5444	3234 5453
SF	2122 3312	0122 3522	2465 5556	5644 3543	6445 5555	3444 4444	3344 4566	4344 5555
Tu	1111 0001	1113 2211	1567 6335	5665 3443	5454 4433	3542 3424	4544 4445	5444 4443
Du								
Ke	3222 3122	2222 3433	3465 5444	4444 4553	4445 5542	2333 4532	3343 5544	3344 5553
SJ	1011 1012	0022 2212	1455 3345	4543 2433	5433 3333	3422 2423	3433 3344	4222 4433
Ho	1001 0001	1112 3200	2456 4335	3344 2333	5233 3322	2331 3312	1333 3224	3233 3333
ZS								
Hu	2111 2211	1012 4431	2434 5533	4433 4541	2323 4442	2312 4532	3322 4543	4212 4443
Ap	3102 1132	3123 3323	3456 4335	3344 2333	5233 3324	3431 3312	1333 3224	2433 4333
Ku								
Pi								
CT	2120 1101	2222 2322	3456 5445	3433 3433	5344 4553	2222 4343	2343 5445	4333 4343
Wa	2112 1212	2222 3332	2456 5544	3445 4433	4335 4533	3333 4433	4343 4554	3344 5654
To	2111 1112	2123 4232	3456 5434	3455 3433	5344 4433	3343 4423	4444 5444	3344 5443
Am	2111 1111	3223 2222	3465 5334	4454 3332	5344 4332	2333 3323	3333 3445	3343 4432

	25	26	27	28	29	30
Go						
Iv	5555 5565	5554 5656	7766 5356	5655 3335	5564 3353	4333 2311
Co	2456 6664	3376 8844	4567 6433	4356 2232	2566 5441	1035 6400
So						
Le	3333 4566	4333 5566	6543 3255	4334 1143	4332 3342	2111 2311
Do						
Me	4567 5553	2463 7734	5676 6333	3366 2222	3665 5331	1142 5200
Si	4557 5655	2454 7643	4677 6333	3455 2232	3555 5332	1143 4310
Es	3333 4555	2333 4565	4543 4254	3234 2243	4333 3352	2111 2311
Sl						
RS	4334 5665	2433 5656	5543 4455	4334 1354	4432 4452	2111 2401
Ag	5554 4455	3542 4546	5764 4335	4455 2134	4544 4231	2232 3210
Wi						
Ab	4334 5565	3433 5555	4544 4454	4343 3353	4432 4453	2111 3311
Sr						
Ni						
Ya						
CF						
Ch	5554 4455	2543 5546	5654 4345	4355 2143	4544 4331	2231 2310
Za	4234 5565	3334 6645	4444 5455	4244 1344	3244 5563	2122 3531
VD	3345 5564	3333 6645	4544 5455	3344 1343	3344 5552	3322 2400
Zy	3335 5544	2343 5634	4444 6343	2345 1242	2344 4441	1021 2400
SF	4345 4554	3443 6666	6544 4355	4445 2334	3444 4453	2212 2400
Tu	5555 4454	2543 5646	5654 5234	4455 2142	3454 4141	1131 3200
Du						
Ke	4345 5554	3343 4634	4345 5333	3335 2242	3433 3451	1123 3411
SJ	4333 3345	2432 5534	4443 2333	3334 1132	3333 2121	0020 1200
Ho	2354 3333	2332 3433	3543 4223	2244 1132	2343 3231	1021 2200
ZS						
Hu	3223 4544	1323 4533	3423 4343	3223 3322	2212 2232	0010 2210
Ap	2244 2343	2342 3434	4544 3133	3353 1132	2333 4332	2211 2200
Ku						
Pi						
CT	3233 3454	2233 5555	4423 4344	3224 2223	1343 3342	1122 2310
Wa	3235 4454	3333 5644	4544 4334	3335 2242	2333 3442	1212 3311
To	3344 4343	4343 5534	5445 4333	2344 2232	3433 4342	2232 3312
Am	2344 4343	3443 3433	4454 4123	3344 2232	3453 3332	2332 3312

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1943

	1	2	3	4	5	6	7	8
Go	1123 3423	2334 4536	3454 3434	6633 4444	3434 3422	2112 2211	3123 2211	3322 2221
Iv	1112 2334	3433 3545	5543 4547	5554 5446	4544 3322	4111 1114	5222 1212	2312 1321
Co	0021 2112	1113 3643	4524 7543	4345 6543	3324 5331	0000 0000	0024 4110	0103 1200
So								
Le	0001 1333	1111 2454	3231 3554	4212 3244	2322 2332	0001 0000	1001 1000	1001 1321
Do	0001 1343	1221 3464	3232 4554	4322 3244	2332 3432	2000 0001	0001 1000	1100 0320
Me	0033 1212	1112 2443	3543 5433	3233 5332	3543 3321	0000 0101	1022 2111	0222 1110
Si	0022 2323	1212 2443	3543 5432	2233 5433	3542 3321	0000 0100	0123 3010	0323 1110
Es	0002 2333	2222 2454	2232 4554	3322 3344	2423 3332	1001 1101	2101 1100	1111 2221
Sl								
RS	0001 1444	2212 2564	3232 4554	4323 4344	3322 3432	1000 0000	1111 2100	1001 1321
Ag	0002 1223	1312 2444	2441 4334	3342 3233	3542 2211	0000 0110	1012 1010	0222 1000
Wi								
Ab	0012 2334	2322 2564	3332 4554	4332 4345	3422 3332	1000 1100	1111 1100	1101 3321
Sr								
Ni								
Ya								
CF								
Cn	0021 2233	2311 2444	3442 4334	3332 3334	3542 3221	0000 0110	1012 1110	1222 1101
Za	1110 1444	2223 3565	3332 5554	4332 5455	3322 4423	1000 0001	0002 2000	1000 0421
VD	0012 2444	1122 3565	2332 5442	3232 5355	1322 4422	2301 0001	1112 3211	1201 2421
Zy	1012 2333	1121 2544	2333 4442	2222 4343	2432 4321	0111 1000	1022 3110	1011 1311
SF	1103 2334	2322 2665	3443 5455	5333 4346	3433 3322	1002 1212	2202 2111	1211 3330
Tu	0021 1323	1212 3544	3442 2422	2332 3223	3542 1111	0000 0000	1112 1010	1322 0100
Du								
Ke	2213 3543	3232 3554	3343 5554	3333 5443	3433 4422	2212 1202	3122 3311	3122 3421
SJ	0010 2332	2212 2343	3431 3322	2221 3233	2421 2200	0000 0100	1101 0010	1211 0000
Ho	0011 2212	1111 1433	2421 3322	2121 3223	2321 2200	0000 0000	1012 2011	1112 0100
ZS								
Hu	0000 3422	1122 3543	2322 4542	2222 5432	2312 3420	0001 2311	1112 2221	1211 2220
Ap	0302 2322	2121 2434	3431 3333	2122 3223	3322 3233	3000 0200	1012 2011	1112 0102
Ku								
Pi								
CT	0313 3434	2132 3553	2333 4454	3213 4224	2311 3211	0011 1100	0112 2000	1011 3310
Wa	1022 3443	2323 2553	3343 4553	2233 4433	2432 3422	0011 1211	1212 3111	1222 2311
To	3222 2333	3322 2443	4443 4542	3333 4333	3332 3322	3211 1121	3123 3122	2222 2212
Am	0111 2222	2322 1443	4422 3433	3332 3222	3421 3312	0100 0100	2112 2012	2212 0211

	9	10	11	12	13	14	15	16
Go	3333 2222	5233 3311	2213 2112	1112 1222	3222 2121	1122 3321	2001 1124	5245 4336
Iv	6433 2234	4342 2213	4212 1221	2111 1134	4321 1131	1111 2324	4110 1136	4356 5436
Co	0134 3410	1125 5301	0002 0000	0001 1111	0002 1010	0003 5610	0000 0012	2067 6654
So								
Le	2211 1212	3221 1310	0101 1120	0001 1123	3101 1030	0001 2311	2001 0144	4134 5355
Do	3210 0313	3010 2300	0001 0020	0000 0023	3100 0031	0001 3402	2000 0045	3134 6546
Me	0254 2211	1122 3111	0012 0111	0011 0111	2100 0011	0012 3311	0000 0112	2267 7443
Si	1244 3321	1122 3211	0012 0000	1111 0111	2011 1011	0013 3421	2000 0112	3156 6543
Es	2222 2222	3112 2211	1112 2121	1001 1123	3111 1031	0111 2312	2101 1143	3235 5455
Sl								
RS	2211 1222	3212 2300	1001 1210	1000 1122	3100 0030	0001 3411	2001 0044	3144 5555
Ag	2343 1121	2111 2211	0001 1010	0001 0111	3100 1010	0102 3411	1000 1213	3256 5433
Wi								
Ab	2232 2322	4112 3311	1112 2221	0001 0123	3111 1131	0012 3422	1111 1244	3155 5455
Sr								
Ni								
Ya								
CF								
Cn	2332 1211	2122 2112	1001 1010	0001 0101	2100 0020	0011 3322	1010 1123	3255 5433
Za	1211 1432	4111 3300	0000 0000	0000 0121	0000 0031	0001 4421	1000 0134	4224 5564
VD	1221 2422	3112 3311	0100 1021	1201 1112	2111 1132	0012 4412	1021 1244	3244 6554
Zy	1132 1421	2112 3210	0111 1121	1120 1211	1120 0130	0023 4411	2121 1233	2154 6643
SF	3333 3431	4033 3322	1013 2432	1112 0333	3111 1122	0022 5432	2033 3333	3365 6554
Tu	1332 1210	2111 2011	0011 1001	0000 0111	2000 0010	0012 2321	0111 0111	3256 4423
Du								
Ke	3333 3421	3113 4421	2323 2332	2123 1222	2223 1132	1334 5522	3233 1244	4355 5653
SJ	0222 0210	2001 2000	0001 0001	0000 1101	2000 1010	0011 2122	1011 0112	3243 4343
Ho	1132 2321	1012 3011	0001 0002	0000 0111	0000 0010	0011 2221	0121 0112	2144 3321
ZS								
Hu	0221 2331	1012 3322	0001 2111	0000 0222	1001 2221	0011 4532	0011 2322	2123 5532
Ap	1333 2323	2223 3133	2201 1202	1200 2021	2112 0111	2222 3133	3021 1213	3335 4323
Ku								
Pi								
CT	1023 3311	3133 4221	1123 3312	1211 0222	1021 1021	0023 3423	1133 1222	3244 5453
Wa	1233 2322	1112 3332	1112 2221	2222 2112	2322 1132	0122 4422	1232 1233	3245 6543
To	3343 2421	3223 4222	1222 2121	2221 1123	3231 1132	3323 4422	2332 0123	3335 6543
Am	1233 2222	1223 3201	0201 1001	2110 0021	1111 1012	0122 3321	2222 0012	3255 5422

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1943--concluded

	17	18	19	20	21	22	23	24
Go	6555 4437	6434 4433	6444 4546	6345 4434	7234 4437	5233 3337	6434 4334	6324 4221
Iv	5565 4436	5555 4343	6365 5556	6455 4555	7235 5347	6345 3446	4445 5233	5324 2232
Co	4446 6634	3256 6443	2367 7674	2257 7633	4235 6334	3367 5422	2266 6232	1243 3111
So								
Le	4433 3535	4222 4342	3233 3664	5223 3544	5202 2155	3213 2444	2202 3233	2221 1231
Do	4434 3635	4223 4552	4333 3656	5223 3545	5202 3165	2223 3554	2222 4243	2211 2142
Me	5446 6433	4466 5332	3256 6554	3357 5533	3243 5233	3355 3322	2165 4322	1243 2111
Si	3536 6433	4454 5433	3256 6663	3355 6433	3233 4233	3345 4322	2255 4221	1243 2221
Es	4434 3534	4323 4352	3333 3664	4233 3545	4212 3154	3223 3443	2213 3132	2212 2132
Sl								
RS	4444 3634	4323 5352	3333 4764	4124 5545	4212 3265	3223 3544	1222 4243	2211 1242
Ag	5635 5324	5433 3231	5344 3444	6444 4434	4232 3245	5424 3334	2233 3222	2332 3211
Wi								
Ab	4435 4534	4333 4353	4344 4664	4134 4545	4322 3165	3233 3444	2233 4243	2212 2131
Sr								
Ni								
Ya								
CF								
Ch	4535 5334	5433 4332	4344 3553	5444 4434	4232 3245	5324 3333	2233 3232	2332 2122
Za	4235 5655	4323 6553	4334 4554	4335 5644	4224 5543	3224 4444	2223 5343	3111 2231
VD	3335 5634	3323 5453	4334 5654	3225 5545	4212 4354	2314 4544	2233 5243	2121 3231
Zy	3335 4533	3233 5342	3345 5444	3235 5554	3213 4254	2224 4333	2243 4232	1122 2221
SF	3445 4535	4333 5353	4344 5664	5334 4555	5223 3345	3344 3434	3243 4233	3211 2232
Tu	4535 3434	5444 3221	3244 4554	5344 4344	4122 4133	4334 2222	1244 3221	1233 1110
Du								
Ke	3445 4533	2335 4542	2344 4553	3334 5555	4323 3253	2323 4443	2333 4333	2222 1332
SJ	4424 3323	4421 3221	3133 3543	4233 3334	3111 2143	3312 2222	2122 2122	1111 0112
Ho	2335 3322	3333 3221	2233 4222	3233 3333	3121 3132	2233 1213	2233 2102	0133 1121
ZS								
Hu	3313 4532	3322 4332	3122 4543	4223 4433	3112 4443	3212 3432	2122 3332	1112 3332
Ap	2334 3323	2233 3232	4343 4233	3333 3334	3212 3244	3323 2223	1333 2113	2233 2133
Ku								
Pi								
CT	2235 4424	3233 4242	3343 3553	3233 3434	3323 3334	2223 3333	2112 3122	2212 2211
Wa	2445 4533	3343 4333	3345 5554	3335 4444	4222 4233	2224 4333	2334 4322	1122 3222
To	3445 3433	3333 4333	3344 5454	3345 4443	4322 4243	4335 3222	3244 4222	2222 3211
Am	4335 3333	3333 3233	3344 4433	3344 4333	4322 4133	3334 2223	3344 3121	1223 2122

	25	26	27	28	29	30	31
Go	3543 2313	6234 3332	2533 3211	3132 1110	1122 3331	1122 3321	2223 2233
Iv	5644 2235	5334 4443	4522 3323	3441 1112	5333 3243	4222 1222	3244 3345
Co	1225 2211	2115 6533	1213 4210	1010 0000	0045 2321	0001 4200	0034 5533
So							
Le	0322 1132	3112 2543	1211 1011	1010 0000	0112 0232	0000 2100	0112 2445
Do	0323 1133	3001 2635	0222 2122	1110 0000	0201 0142	1001 2200	0001 2435
Me	1434 1112	2124 4332	1213 3111	1130 0001	0145 1221	0001 2201	0034 3323
Si	1524 2121	2134 4333	1212 3110	1120 0000	0124 1332	1012 2211	0034 3323
Es	1323 1133	3212 3443	0212 2122	2120 1000	1112 0232	1101 3211	1102 3345
Sl							
RS	1322 1133	3112 3642	1221 2121	1100 0000	1202 0242	1000 2210	0022 3445
Ag	2523 1122	3233 2323	0312 2110	1120 0111	1224 1321	1001 2111	1034 3224
Wi							
Ab	1323 1133	3112 3544	1222 2121	2121 1111	1122 0342	1111 3212	1121 3355
Sr							
Ni							
Ya							
CF							
Ch	2423 1122	3122 2333	1322 2120	2120 0000	1223 1221	0011 2111	1024 3224
Za	1123 0133	3123 5643	1112 3132	2100 0000	0001 0342	0000 1210	0023 5446
VD	1323 0233	3213 3544	1122 3121	2210 0011	0212 1341	0010 4211	0033 5435
Zy	1323 1222	2112 3533	1222 3110	2211 1000	1012 1341	2121 3112	1133 4325
SF	1324 2123	3222 3553	1220 1221	2133 2111	2234 2442	1013 3323	1033 3344
Tu	1414 1111	2123 2332	1312 3100	2130 0000	1124 0221	0011 1002	0034 2203
Du							
Ke	3334 1232	4124 4532	2223 2220	3222 2011	2212 1341	2221 3222	2143 4345
SJ	2323 2122	2012 2322	0201 1100	1120 0100	1102 1222	0011 2211	0023 1214
Ho	1313 0011	2013 2312	1112 2100	1100 0111	0023 0221	1000 2113	0123 2223
ZS							
Hu	2311 2421	1002 3442	1212 3220	2111 2210	1111 1221	0011 2322	1121 2333
Ap	2223 1134	3312 3222	2323 2122	2320 2121	2312 2222	2221 3232	3123 2223
Ku							
Pi							
CT	0334 2232	2223 3342	1122 2210	2122 1210	1233 1222	1022 3211	1122 3234
Wa	2323 2222	2222 3432	1222 3221	2222 2111	1222 1232	1121 2112	1123 3334
To	2333 1112	3223 4422	2333 3110	2221 1102	2323 2332	3221 3212	2223 3334
Am	2323 1021	3122 3233	3223 3110	3220 0011	3322 1212	1110 2202	3123 2223

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1944

Obs'y	1	2	3	4	5	6	7	8
Go	2123 4433	1132 3321	2122 3221	3322 2322	5334 3332	3112 4323	2333 2222	1222 3221
Iv	3334 3543	3242 2223	4322 2111	5332 1234	6435 2333	3211 2334	4432 2212	2423 3223
Co	2155 6633	2013 3400	0001 4101	0111 1301	3222 2521	0002 4202	1101 2000	0124 4210
So								
Le	3111 4543	1121 2232	1001 2011	2111 0024	5212 1333	0001 1133	2111 1111	1000 0221
Do	4112 3653	1121 0242	0000 1001	2110 0122	6222 1333	1010 2132	3011 0021	0000 1231
Me	2144 5523	2211 2211	1011 2100	1110 0111	2343 1321	0001 3112	1210 1100	0033 2211
Si	3143 6632	2112 2221	0012 3001	1211 0221	3333 1322	0002 3212	1212 2111	1133 3210
Es	3122 4442	2220 1232	1001 2000	2111 0123	5222 1332	1110 1222	2112 1211	1111 1221
Sl								
RS	3111 4452	2120 1342	2000 1000	2110 1124	4222 1333	1110 2133	2111 0121	1111 1220
Ag	2214 5432	1210 2111	1011 1110	1210 1212	4344 1211	0000 1122	1201 1110	0212 1210
Wi								
Ab	3132 5453	2221 1331	1101 2010	3111 1123	5233 1432	1111 2133	2011 1111	1212 1231
Sr	2234 5543	2112 2321	0101 2100	1110 2212	4233 1432	1101 3212	1100 2100	1122 2411
Ni								
KP								
Ya	1234 5433	1121 2421	0113 3010	1110 1222	3233 1431	1211 3223	1111 1111	1123 2410
Ch	3213 4323	2210 1121	1111 1000	1201 1212	4333 1222	0000 1112	2211 1111	1222 1111
Za	1122 5553	3220 1332	1001 2000	2000 0012	5222 1341	0000 3123	1111 0012	1001 2431
VD	3121 6553	2111 2431	1011 2010	2201 1123	4322 1432	0101 3222	1022 1122	0112 2431
Eb								
St								
Zy	2132 4453	2111 2321	0011 2000	1101 1112	3222 1421	0101 3212	1111 1111	1123 2320
SF	3132 6643	2222 1322	2023 3221	3122 2023	6333 2423	0001 2233	2123 0311	1223 2220
Tu	2223 4223	2110 0210	0111 0000	1201 1111	4343 1211	0010 2101	1211 1110	0222 0210
Du	2022 6553	2132 2331	1111 2211	1222 2123	3322 2321	1011 1222	1022 2121	0232 2231
Ke	3442 6553	2342 3432	1442 3121	2541 2222	4433 2531	2431 2333	2442 1022	2223 2432
SJ	3122 3233	1110 0111	1101 2000	1100 2122	3333 0421	0000 2211	2101 0000	1211 0100
Ka								
Ho	1233 3322	2111 1111	0011 2001	1000 0112	2232 0201	0000 2101	1111 0011	0022 0101
ZS								
Al								
Hu	2123 4542	1111 3331	1011 3111	1111 2331	2222 3321	0100 3322	1111 2321	1111 2311
Ap	3333 3342	3222 1212	3311 2112	2010 2122	4322 1311	0000 2214	2122 1022	3213 1102
Pi	3224 1332	3220 1002	1201 1001	0101 0124	4331 3221	2200 2122	3210 2033	1212 1131
CT	2133 5432	1112 3311	2122 2110	2212 0012	4324 3411	1211 2222	2121 1201	1023 1221
Wa	1222 5443	2221 2422	1112 3111	1111 1122	3322 2432	1211 2212	1112 1211	1122 2321
To	2323 5443	2321 1322	2222 3102	2211 2212	4332 1422	3311 3223	3321 1110	2133 2311
Am	2223 4422	2311 2212	1211 2012	2311 1212	3422 1311	3211 2223	2311 1102	1223 1212

	9	10	11	12	13	14	15	16
Go	5322 2323	1123 3235	5434 3555	5344 3433	7544 5446	5344 4543	5643 4446	7334 4433
Iv	5211 1313	3223 2236	4545 4544	4444 4442	6455 5366	6555 4555	6554 4555	6445 4435
Co	1101 1211	1023 4123	3536 3552	2366 6631	5566 6443	3136 6643	3334 6644	3346 5533
So								
Le	2201 0213	1012 2225	3323 2653	3332 4433	4323 4254	3223 3653	4321 2354	4223 4433
Do	3200 0303	2111 2235	3323 2663	3322 2543	4233 4264	4332 3564	4332 2455	4223 3333
Me	1000 1212	0012 2214	3456 3543	1465 4422	4576 5333	2435 4543	3343 4444	3356 5422
Si	1101 1311	2023 3334	2535 3552	2555 5622	4465 6333	3435 5652	3343 3543	3255 5532
Es	3111 1313	1122 2235	3324 2663	3333 4433	4333 4354	3223 3643	3332 3355	3233 4433
Sl								
RS	3101 1303	1111 1235	3323 2763	3333 5543	4333 4353	4233 4653	4332 3455	4233 5533
Ag	2100 1212	1011 2225	2525 2542	2444 3432	5355 5234	4544 4443	5532 3344	5344 4323
Wi								
Ab	3112 1313	1122 2236	3334 3663	3343 4433	5343 5354	4333 3653	4432 3455	4234 4534
Sr	1100 1312	1102 2326	3335 4753	3355 5532	4455 6343	3335 5542	3333 5454	3345 5433
Ni								
KP								
Ya	1011 1412	1113 3234	3324 2453	2345 5432	3455 5452	3335 5432	3232 1444	3235 5433
Ch	2101 1103	1111 2136	3525 2452	2443 4333	5444 4334	4534 3443	5432 3344	5344 4323
Za	3000 0413	1012 2335	4424 2663	3244 5544	5223 5455	4224 5644	4331 2555	4334 6634
VD	3000 2313	1122 2235	3423 4643	2344 5533	5233 6455	3234 5643	3333 3555	4234 5533
Eb								
St								
Zy	2111 1412	0113 1235	2334 2642	2244 4422	4344 5344	3234 5532	3233 3444	3224 5432
SF	4221 3413	1133 2246	4334 1653	2444 4432	5454 5564	4434 3643	4333 4456	5244 5533
Tu	2000 1201	0111 1126	2425 2542	2534 4412	5354 4233	3434 4553	3242 3344	4345 3422
Du	2121 2312	1133 2232	2124 2652	2334 4432	3323 4342	2333 4543	2122 3344	2133 4532
Ke	4332 2404	2354 3336	3434 3662	2335 5533	4343 5344	3334 5642	3333 4545	4234 5533
SJ	1000 1112	0011 2226	3423 2542	3322 3333	4333 3133	3333 2543	3321 2333	3233 2323
Ka								
Ho	1100 1222	1111 2125	3325 2321	2323 3312	4243 3233	2333 3333	3232 2333	3144 2212
ZS								
Al								
Hu	1201 2311	1111 2245	2322 3542	2332 4332	3322 4442	2112 4432	3222 4543	3223 3432
Ap	3312 2223	1332 2235	3324 2442	3323 3323	4343 2233	3333 3333	2331 2344	3234 1223
Pi	0303 2122	3234 1306	3423 3623	3333 2303	4323 3232	3222 1412	4313 4454	3323 1312
CT	3101 0312	0132 1135	3424 2542	2323 3333	4344 4343	3323 3533	3124 3345	3323 3332
Wa	3222 2312	2112 2233	3234 3552	2334 4432	3333 4332	2333 4532	2332 3344	2234 5322
To	2122 1302	3233 2335	2344 3543	3444 4422	4343 4342	2333 5432	3343 3444	3335 4423
Am	2111 1211	2233 2234	3434 2432	3434 4323	4444 3232	3323 4432	3332 3233	3334 3322

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1944--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	6544 4443	4535 4434	5443 3426	5244 3333	4223 3321	6123 3321	2323 2223	5122 3231
Iv	6555 4444	4545 4345	5444 2434	4433 3433	3222 2111	4222 2222	4433 2226	5232 1321
Co	3356 6543	1147 6533	2142 2422	3034 4422	1112 3310	2121 4110	0013 0002	2011 2400
So								
Le	3322 3444	2213 2443	3322 1332	3112 2233	2100 1120	3111 1131	2201 0014	3000 1200
Do	3232 3445	2214 3553	3312 1443	3121 1334	2110 0231	3001 1130	2100 0013	4100 0210
Me	2445 4332	1456 4332	3241 2322	1033 2222	2201 2111	2231 2110	0123 0002	1031 1210
Si	3455 5433	1245 4432	2243 2322	1133 3323	2302 3311	2221 3211	1113 0012	2031 2310
Es	3323 3343	1224 3443	3321 1333	3122 2333	2121 2221	3111 1131	2221 1024	2110 1210
Sl								
RS	3333 4544	2223 3454	3321 0432	3112 2333	3200 2231	3010 1130	2201 0014	2100 1300
Ag	3343 4233	2335 3332	3332 1323	2232 3323	2311 1021	3121 1110	1212 1103	2021 1210
Wi								
Ab	3333 4444	2224 3453	3331 1433	3122 2334	3211 1231	3121 1131	1212 0134	3111 2320
Sr	3334 5333	2235 4442	2231 2422	2123 3333	2111 3230	2111 3220	1102 0012	2110 3410
Ni								
KP								
Ya	3334 5333	1235 4432	3232 2421	2133 2233	2111 3332	2112 3221	1112 0112	2110 2320
Ch	3343 4333	1335 3432	3331 1323	2332 2223	2301 2111	3221 1211	2322 0013	2020 1310
Za	3233 5544	3214 4444	3221 0443	2212 2444	2210 0330	3100 2231	2101 0024	3210 0300
VD	4333 5543	1244 4422	3222 2433	2222 2443	2212 3331	3211 2120	0212 0033	2111 2310
Eb								
St								
Zy	3324 5433	1235 4442	2221 2432	1222 2333	1111 3220	2111 2220	1222 1234	2110 2310
SF	4335 4334	3335 3444	3331 2433	3233 2333	3222 2321	4103 2121	2222 1335	4123 2411
Tu	3442 3321	1334 3221	3331 0212	1133 1224	1312 1121	2120 1010	1112 0003	2131 0300
Du	2234 4343	1224 3442	2132 2333	2232 2324	1222 2120	3132 2231	1102 2232	2222 2321
Ke	3345 5443	1235 4552	2332 3431	2232 3334	2213 2131	3221 2231	2332 1133	2331 2331
SJ	3332 3332	0214 2332	3211 0322	1122 2213	1200 1011	2220 2300	1102 1013	2120 0310
Ka								
Ho	3332 3122	1333 3311	1231 0212	1122 1212	0201 2111	1010 1100	0102 0002	1020 1211
ZS								
Al								
Hu	2221 4432	0211 3442	2211 2421	1111 4432	1101 2220	1011 3331	1111 2222	2120 3331
Ap	3332 2232	3323 3232	2221 0232	2222 1343	3212 2032	2221 1012	1112 0123	2221 1321
Pi	3323 4343	1312 4333	3310 2232	2201 1334	0103 2100	2111 2211	1202 2113	2121 0230
CT	2224 4333	1024 2233	2223 3322	2321 1223	1210 2111	2233 2211	1213 2124	2323 2322
Wa	3334 4422	2323 4332	2121 1323	2122 2333	2221 2221	1011 1121	1112 1112	1121 2321
To	3344 4332	3333 4332	2331 2322	3222 2323	3232 3211	2211 3121	0222 0102	2331 3311
Am	3243 3331	2333 3332	2231 1222	2222 2221	2221 2221	2211 2021	1122 0012	3320 1311

Obs'y	25	26	27	28	29	30	31
Go	1112 3322	1122 4432	3223 3333	5234 3332	3122 3322	2212 3321	4112 2331
Iv	1121 2323	1122 2355	4334 3344	6343 2333	5222 2322	5412 2222	4111 1343
Co	0003 4301	0003 2322	3234 5222	2234 3322	0024 5300	0001 2100	0001 1421
So							
Le	0000 1214	0000 2355	2212 2233	2122 1131	2000 2132	0201 0112	1000 0233
Do	0000 0204	0000 2256	2222 1133	3212 0143	2000 1113	0201 1113	1101 0133
Me	0111 2101	0002 2222	2355 2222	2133 1211	1123 1111	0011 1100	1110 0221
Si	0112 3211	0003 2222	3244 3222	2133 1121	0113 2201	0111 2211	1111 1321
Es	0000 2213	1111 2344	3213 3233	2222 1231	2001 2222	1211 1112	1111 1223
Sl							
RS	0001 2204	0001 2344	3222 2243	2222 1131	1111 2233	1201 0123	1101 0233
Ag	0101 1311	0002 3323	3233 2122	3132 1121	1112 2111	0201 1110	1111 2211
Wi							
Ab	0001 2224	1022 3444	3222 3243	3222 1131	2111 3232	1211 1112	1111 1333
Sr	1102 3300	0002 2334	2134 5342	2212 2131	2111 3232	0100 3211	1000 2333
Ni							
KP							
Ya	1211 2311	1012 2444	2233 2333	1222 2220	1112 3321	1100 2321	1100 3434
Ch	0101 1212	0002 3323	3233 2222	3232 1221	2112 1211	2201 1001	1011 1222
Za	0001 2313	0001 2434	3123 2243	3123 2221	2112 2323	1100 0002	1000 0343
VD	0222 3313	0101 2433	3122 2243	2222 1221	1011 3222	1111 2212	1111 1343
Eb							
St							
Zy	1201 2312	1001 3444	2122 3233	2122 2121	1111 2211	1100 2212	0000 2333
SF	1223 3233	1002 4554	3223 2233	3233 1232	2122 2212	1321 0111	1100 1343
Tu	0111 1201	0012 3333	3233 2221	3132 0110	1112 1101	0001 1000	1011 1110
Du	0121 3423	0023 4443	3122 2333	3222 2132	2121 3233	1211 1222	1022 2333
Ke	2232 3323	2323 4543	3322 3343	2222 2232	2122 4232	1333 1322	2232 2433
SJ	0111 2222	0001 2323	2211 1222	3221 0210	2110 2221	1100 1211	1000 1321
Ka							
Ho	1101 1101	0012 3412	1233 3121	2121 0111	0112 2001	1001 2011	0000 1110
ZS							
Al							
Hu	1112 2421	1011 4433	2212 3432	2221 2322	1000 2321	1001 2321	1000 3332
Ap	2312 2223	2112 4433	2333 3042	3322 2121	2222 2123	2201 3111	2111 2143
Pi	1302 3223	1112 4544	3312 2530	3221 2233	2201 1332	1102 1202	1200 3331
CT	1323 3212	1113 4543	3313 2243	2222 3221	1021 3211	2121 1001	2132 2332
Wa	1111 3221	1122 3443	2222 3232	2223 2221	1112 2111	1111 2111	1111 2232
To	1113 3212	2222 3333	2333 4233	3223 3223	2123 3222	2221 3122	1221 2331
Am	2302 2211	2122 3322	2343 3223	3332 2111	2112 2001	2111 2011	1111 0221

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1944

Obs'y	1	2	3	4	5	6	7	8
Go	2112 2221	1223 3323	0212 3211	2323 3321	1033 3323	1122 2211	2234 5446	6354 4445
Iv	4321 1232	4433 1233	3411 1111	4432 1231	2241 1123	4222 1112	4356 4566	6564 4366
Co	2002 2100	0343 2101	0002 0000	0013 3210	0002 2121	1001 1100	0037 6654	4445 6534
So								
Le	2100 1021	0211 0023	1000 1021	0211 2231	0010 0113	2001 1000	2123 4565	5332 3445
Do	2000 0031	0111 1013	0100 0021	0112 3100	0100 0233	1000 1100	3033 6575	5433 3555
Me	2101 1111	1342 1111	1001 1000	1222 2211	0221 1111	1121 1011	1157 6544	3444 5323
Si	2001 2210	0342 1211	1002 1100	0111 3321	0121 1121	1111 2110	1137 9644	3534 4334
Es	2101 1121	0221 1012	1111 1021	0212 2231	0011 1123	2011 1100	2223 5555	5332 3445
Sl								
RS	2102 1031	0221 0032	1100 0021	1212 2241	1111 2132	2011 0000	2134 5665	5342 3545
Ag	3100 2110	1331 1011	0100 1000	1111 2220	0110 1122	1110 1110	1135 6445	5332 3234
Wi								
Ab	2111 2121	0221 1122	0111 1021	0111 3332	0021 1233	2012 2111	2334 6555	4333 4456
Sr	1000 2121	1121 1212	0101 1001	0111 3242	0111 2332	1101 1200	2126 6645	4334 5444
Ni								
KP								
Ya	2201 1121	1231 1221	1101 0001	0312 4231	1111 2311	1001 1331	2135 7645	4433 5533
Ch	2101 1010	0331 1011	1101 1000	2112 2221	0211 1122	1110 1110	1235 5445	5343 3344
Za	0000 0032	0010 0112	2000 0022	0001 3341	0011 0333	1100 0300	1124 6555	5333 5355
VD	2211 0021	2211 2122	1001 1011	0211 3342	0111 1333	0101 1200	1124 6655	4322 5545
Eb								
St								
Zy	1001 0021	0121 1212	0011 0010	0122 3341	0111 1332	1101 1201	2235 6655	3332 5444
SF	0111 1122	1101 1022	1222 2211	1222 3332	0021 1323	2113 1201	2335 5566	5343 4456
Tu	1000 1110	1331 0011	1001 0000	0211 2311	1221 1111	1110 0010	2244 6435	4453 3335
Du	1121 1221	0122 1112	0103 3222	2222 3332	1112 2233	1200 2211	2235 6544	2323 3344
Ke	2212 1131	1232 1222	1212 1221	1323 2441	1331 2332	2312 1111	3335 6655	3323 4444
SJ	1000 1110	0222 0101	0001 0000	0110 2311	0110 1010	0101 1000	1224 5343	4332 2244
Ka								
Ho	1000 1001	0220 0010	1001 0000	0212 2211	0011 1010	0000 1011	1224 4333	3333 3223
ZS								
Al								
Hu	1001 2321	0221 2321	1001 2111	1111 4541	0111 2221	2101 2221	2323 6653	3322 4543
Ap	3211 2233	2330 2233	2200 1033	2222 2323	3121 1122	1200 2130	3343 4333	3332 3343
Pi	3201 2332	0321 0022	1101 2112	1211 2331	0111 1312	3200 1222	2333 4413	3431 0334
CT	2121 2022	0121 2020	0012 1200	0222 3321	0223 2333	1313 2101	2245 6555	4324 3434
Wa	2111 1121	1121 1111	1111 1011	1221 3331	1121 1332	1111 1212	2145 7534	3432 4433
To	2211 1022	3331 1222	3322 1012	3232 3333	3221 2223	2211 1212	2245 5544	3433 4433
Am	1101 2101	1231 1113	2101 1102	1222 2322	2121 1121	3211 2012	2345 5445	4433 3334

Obs'y	9	10	11	12	13	14	15	16
Go	2254 4432	3445 3443	6434 4434	4545 5432	2223 4436	6654 6433	6334 4446	4234 4424
Iv	3465 3333	6555 3455	6455 4233	6555 3432	2242 2346	6666 4432	6445 4456	6454 3325
Co	2146 6432	2337 6532	3447 6423	2223 5321	0123 3313	4576 6432	3326 7444	2244 3311
So								
Le	0242 3342	2323 3343	3222 2333	2322 3331	0011 1234	5663 3343	4322 2444	2111 1103
Do	0143 4452	2322 3453	4223 3433	3322 2231	0111 0335	6644 4343	5332 3454	3122 2213
Me	1345 6423	1456 4432	3346 5232	3333 4322	1143 2223	5687 6423	3245 6433	2253 2212
Si	1255 7422	2346 4332	3345 5322	3333 4321	1143 3214	5587 7322	3235 6333	2143 3211
Es	2233 4442	3333 3343	3333 3333	3322 3331	1121 1235	4554 3243	4322 3454	2222 2213
Sl								
RS	1243 4452	2333 3453	4323 3443	2322 3342	1111 1435	5653 4343	4332 3444	2222 2213
Ag	1243 4322	2333 2331	5444 4223	4443 3221	0042 1225	5666 5322	4323 4333	3242 2112
Wi								
Ab	2243 4453	3334 3453	4334 3434	3333 4331	1022 2345	4654 3343	4333 3444	3222 2303
Sr	2234 6432	2336 4342	3245 4422	3232 5221	0121 3414	4456 6333	3224 5443	2232 2211
Ni								
KP								
Ya	2233 6432	1325 4341	3334 4523	2322 5321	1232 2424	4344 6322	3223 5442	1333 2311
Ch	1243 4322	3443 2332	5424 4223	4433 3332	1132 1225	5665 4332	4323 4333	3242 2212
Za	1133 6453	3334 4443	3334 3533	3222 4342	1122 2434	4353 5544	3343 5344	3222 2313
VD	1133 6542	1324 4442	2334 4532	2322 4231	1222 2424	4545 5343	4323 5454	1232 2312
Eb								
St								
Zy	2233 5431	1325 4342	2234 4422	2323 4221	2121 2425	4545 5332	3223 4443	1232 1311
SF	2144 5553	2444 3354	3334 3434	3334 4331	1123 2335	5655 3343	5334 4345	3232 2212
Tu	1243 4331	2443 2322	3444 3212	4432 3321	1133 1215	5556 5311	3323 2332	2143 2211
Du	2234 5333	2235 3342	3234 4322	2223 4332	3233 3332	3534 5234	2323 4443	3223 3333
Ke	3235 5332	1335 4442	2244 4432	3333 4332	3232 1435	3545 5443	3334 5444	2332 2312
SJ	1133 4221	2332 2321	3323 2212	2321 2121	1120 0114	5444 3221	3212 2323	2132 1101
Ka								
Ho	1133 3211	1333 2122	2234 2211	2121 3111	1022 2113	4545 4221	2223 3221	1232 1101
ZS								
Al								
Hu	1132 4442	2332 3432	3212 3332	2221 3331	1110 2333	4332 4431	2212 3332	2121 2321
Ap	3234 3232	3333 2232	3223 3321	3212 3231	1120 2223	4655 4233	3223 2233	1333 2223
Pi	2233 1430	2332 2201	3312 1413	3323 2301	2200 2105	5443 0310	3223 0423	2212 2412
CT	2224 4331	1334 3343	3343 4323	2333 2111	1233 2234	4445 3232	3333 4334	3221 2212
Wa	1343 5332	2334 3332	3233 4432	2232 4332	1111 2324	6455 5331	3233 4443	1222 2311
To	2344 4332	2334 3332	3344 3322	3332 4322	3222 3314	4454 5323	3323 4333	2233 2311
Am	2343 4322	3334 2232	3334 3322	3322 3221	3222 2334	4445 4223	3313 3233	3232 2211

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1944--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	5313 4322	2223 3321	1223 3310	1123 4434	3323 4422	4323 3321	2123 3322	0122 3221
Iv	5132 2212	3312 1311	3323 2211	2223 4346	5444 2224	5432 1212	5432 2224	3422 1122
Co	1202 3201	0004 2000	0025 1000	0025 7522	3235 3311	1221 1210	0010 3100	0001 2110
So								
Le	2001 2112	0101 1000	0101 1000	0012 3345	4212 0122	2200 0000	0110 1012	1000 0013
Do	2001 2232	1111 0000	0001 0000	0002 3345	5211 2222	3200 0000	0100 1112	1000 0023
Me	1011 2101	1003 1010	1023 1100	1015 6412	2234 2211	1121 0011	0222 2100	1100 1111
Si	1112 2211	0003 2000	0033 2100	0014 6522	2223 2221	1222 1110	0121 2110	0100 2110
Es	2012 2123	1112 2100	0111 2100	1113 4343	3212 1222	3210 1110	0111 1112	1111 0013
Sl								
RS	3001 1123	1101 1000	0101 0100	0003 4344	3212 1222	3200 0101	0211 1013	1011 0023
Ag	2011 2100	0002 1100	0122 1101	0004 5324	4323 1212	3110 1111	2210 1211	0101 1001
Wi								
Ab	2011 3123	1112 2100	0112 2100	0213 4344	3322 1223	3321 1210	1121 2113	1222 1113
Sr	1111 3312	1003 2001	1123 0000	0013 5343	3123 2311	1201 2200	0110 3212	1000 2011
Ni								
KP								
Ya	1111 2311	1222 2000	2223 2110	1313 5233	1223 2211	0200 0111	1111 2211	0201 2010
Ch	2111 1111	0102 0000	1222 1010	0114 4434	4333 1212	3211 0011	2220 1001	0200 0011
Za	3100 1213	1001 0000	0021 0000	0013 5444	4123 1222	3100 0000	0000 0112	1000 0012
VD	2121 2223	1122 1000	0011 0100	0113 5444	3222 1223	2210 0100	1011 2212	1001 0023
Eb								
St								
Zy	1111 2212	0002 1000	0012 0100	0024 5444	3̈122 1211	1210 0110	0011 1211	0001 1012
SF	3̈01̈2 2̈2̈2̈	1102 3110	01̈2̈2̈ 0310	1224 5435	4333 2322	3321 1110	1222 2323	1023 1312
Tu	1112 1101	0002 0100	1022 0000	0114 5323	3323 1̈2̈0̈2̈	2211 0111	1111 1001	0100 0001
Du	2223 2223	1123 2111	1122 2̈2̈2̈0̈	1223 5543	3223 2̈3̈1̈2̈	2̈111 1111	1102 2̈1̈2̈2̈	1̈002 1110
Ke	2332 3213	1213 3110	0213 1200	1234 5544	3223 1223	2312 1112	2122 2222	2132 1222
SJ	1001 1001	0001 0000	1110 0100	0013 3223	3321 0112	2200 0010	1110 0001	0100 1010
Ka								
Ho	1001 1100	0002 1000	0012 0000	0024 4312	1122 1112	0210 0010	1010 1000	0000 1000
ZS								
Al								
Hu	1101 3310	0001 2220	1111 2320	0123 4532	2222 3322	2200 1220	1100 2210	1100 1110
Ap	2221 2033	2202 1031	2221 0131	2334 4222	2222 2122	2211 1022	1100 1032	1211 1020
Pi	1102 2021	0102 1210	0202 3031	2324 0333	3322 1122	2302 2131	0202 2121	0200 1010
CT	1211 3221	0211 2000	0123 1000	0014 5435	2013 2212	2211 0010	0223 3213	1023 1022
Wa	1111 2211	1111 2111	1121 1100	1224 5333	2212 2223	2211 1111	1111 1211	1001 1111
To	2111 2212	0112 1012	1222 0102	2234 4333	3222 3213	2211 2122	2321 2221	2211 1022
Am	2211 2200	2102 2001	1122 1000	3114 4323	4224 2202	2211 1000	2211 2112	2201 1112

Obs'y	25	26	27	28	29
Go	2122 2211	0122 2222	2112 2221	2212 3321	1223 4333
Iv	4321 1212	3232 1225	5221 1111	4422 1222	2342 2233
Co	0011 0000	0012 1000	0002 3000	0011 3010	0033 4311
So					
Le	2000 1101	0000 0001	2100 0000	2001 1021	0110 2132
Do	2000 0001	0001 0002	2000 0000	2000 2121	0120 2123
Me	0120 0110	0123 0111	1011 1101	1022 1111	1332 1111
Si	0121 0000	1113 0000	1011 2100	0022 3110	0222 2222
Es	3111 1101	0011 1111	2001 1010	2101 1121	1111 2133
Sl					
RS	2100 1001	1000 1021	1001 1000	2101 1032	0112 2233
Ag	1100 0100	0122 1011	2011 1100	1212 2111	0332 2212
Wi					
Ab	3110 1201	1121 1121	1112 1011	2111 1121	1221 2233
Sr	2000 0001	1101 0001	2000 2210	1011 3220	2121 4222
Ni					
KP					
Ya	1110 0121	1112 1122	2101 2100	1122 3221	2131 2311
Ch	1100 0001	0112 0001	1010 0000	1212 1011	1332 2222
Za	2100 0001	0010 0012	1101 0000	1011 1131	0022 2222
VD	1110 0011	1001 0022	0101 0100	1111 1231	0222 2222
Eb					
St					
Zy	0001 0001	0002 1011	0002 0110	1011 2̈1̈0̈1̈	1222 3321
SF	2013 1111	1123 1322	1101 2̈2̈2̈0̈	1̈1̈1̈1̈ 1̈221	2231 1232
Tu	0110 0000	0112 0011	1011 1010	0112 2120	1332 1211
Du	1022 1112	0021 1111	1110 1110	2122 2122	1222 3̈3̈2̈2̈
Ke	1220 1112	1222 1212	2232 1121	1221 2232	2332 2332
SJ	0000 0100	0010 0011	1010 0010	0111 0120	1330 1222
Ka					
Ho	0000 0000	0001 0000	1000 1000	0011 1021	2121 2221
ZS					
Al					
Hu	1001 1211	0001 0111	1011 1120	1112 2320	2232 3331
Ap	2202 0000	0312 2100	2200 2032	3122 2023	2332 3233
Pi	1201 2321	0202 0102	1122 2232	2101 1201	2342 2213
CT	1001 2001	0201 2021	0123 3010	1113 1120	1122 1222
Wa	0011 1101	1112 2111	0101 1111	1111 2121	1232 3221
To	2311 0011	3312 1013	3321 2121	2221 2222	2232 4223
Am	3111 0011	2103 1022	3101 2112	2221 2012	2232 3222

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1944

Obs'y	1	2	3	4	5	6	7	8
Go	2322 3222	3323 3333	2323 2221	1245 5434	3323 4444	3335 5463	5534 5534	5335 6452
Iv	4532 1222	6532 3243	5522 2241	1255 2333	5556 4334	4423 3344	6555 5526	5544 3342
Co	0141 0001	2203 5122	1012 1000	1267 7432	2012 4431	2226 6343	3456 7722	3226 6452
So								
Le	1221 1102	3201 2242	2211 1101	1234 3333	2102 2332	3423 3243	4422 4424	3212 3353
Do	1200 0001	2100 2252	1200 0001	1134 4323	2101 2332	3423 3353	5223 4534	2323 4353
Me	0240 0111	1312 3110	1020 0000	1267 7322	0023 2323	3456 4333	4565 5522	2444 6343
Si	1231 0111	2312 3222	1031 0000	2256 6232	1023 2322	2435 4343	3464 6622	2434 5342
Es	2221 1113	2202 2242	2211 1011	2234 3323	2101 2332	3423 3343	4322 4524	2322 4453
Sl								
RS	1211 0013	2301 2352	2201 0011	2234 4423	2101 2333	3433 3353	4333 5534	2223 4353
Ag	1220 1112	2311 2120	3221 0000	2256 5222	1213 1333	4534 3333	5543 4523	2332 4333
Wi								
Ab	2231 1123	3311 3242	2201 1101	3244 4333	2111 3343	3433 4354	4433 5534	2322 4464
Sr								
Ni								
KP								
Ya	0011 0011	3212 4121	1111 1011	2255 4322	1112 2533	2344 4343	3334 5522	3325 5522
Ch	2230 0122	2311 2131	3221 0000	3255 4223	1113 1333	4434 3333	5543 4424	2432 3343
Za	1210 0112	2121 3341	1120 0001	0234 4433	2221 2343	3323 4444	3233 6664	4332 2356
VD	2221 1122	3221 3240	1221 0001	2334 5433	1212 3342	3333 4444	3333 6544	3323 4553
Eb								
St								
Zy	0121 1123	3223 4340	0111 0001	2245 6432	1121 4532	2334 5343	3345 6523	3335 4551
SF	2331 2124	4322 2251	2210 1121	3346 4433	2113 3343	4343 4354	3344 5544	3334 4463
Tu	2230 0122	2321 2131	2131 0001	3355 5323	2122 1333	4434 2244	4544 4423	2433 4343
Du	2222 1223	3323 3243	2211 2112	3234 3333	2232 3332	2333 3252	2322 5433	2223 4342
Ke	3222 1223	3223 3342	1323 1222	3245 5533	1222 3432	2334 3343	3433 5533	2333 4553
SJ	3220 0122	1301 2031	2211 0000	3334 3112	1002 1122	2323 2233	4422 3313	1322 2332
Ka								
Ho	2130 0222	2211 1020	0011 0001	3234 4111	1011 0123	2224 2322	3333 3313	2322 3222
ZS								
Al								
Hu	2121 2322	2212 2220	1120 2221	3234 4432	1110 2433	2322 3443	2322 4422	1322 3442
Ap	3331 1033	2212 2131	1221 0001	4424 4112	2101 2223	3333 3242	4333 3323	3232 4232
Pi	3221 2334	3212 1342	1120 1013	3345 1312	1001 2323	2313 2243	2322 2313	3322 4422
CT	2313 1113	3223 2231	1213 0110	3345 4323	2013 2233	3313 2243	3243 4433	2223 3443
Wa	2111 1223	2222 3231	2112 1112	2344 4432	1112 3433	3334 4333	3234 5433	2333 4442
To	2232 1113	3222 3131	2221 0001	3355 4322	2222 3433	3334 4332	3445 4423	2334 4342
Am	2131 0002	2312 2102	2222 0101	3355 4321	2112 2322	3424 3232	4444 3212	3322 4232

Obs'y	9	10	11	12	13	14	15	16
Go	7435 5536	4444 5546	2345 4432	6445 5556	5445 5432	5435 4432	1233 4333	4333 4421
Iv	6555 3546	6565 4446	3444 3242	6553 3545	6454 5422	5436 3332	3442 1134	6533 2212
Co	2337 5533	3457 7654	2416 2232	2245 6743	3336 6420	3446 3220	1101 2011	2314 4300
So								
Le	4323 3334	4333 4444	3222 2242	3323 3444	3422 3421	2332 2241	0211 1023	2322 2210
Do	5314 4444	3323 4554	2213 2332	3333 4454	4332 4421	2323 2241	0211 1123	3312 3200
Me	2437 5433	5566 6533	2546 1222	2456 4533	4435 5322	1435 2111	0210 1112	2423 3101
Si	3536 5432	3567 6543	2445 2232	2334 4532	4434 5321	3454 3121	1210 2112	2424 3210
Es	4424 3444	3344 4344	2233 2242	3333 3545	3222 4421	2332 2241	1221 2023	2312 2310
Sl								
RS	4424 3444	3343 5554	2323 2252	3333 4554	4232 5422	2333 2140	1211 1133	2322 2200
Ag	5435 4335	5655 4344	1534 2132	3534 3433	5422 3321	3444 2121	0331 2122	3423 2200
Wi								
Ab	4425 4454	3345 5554	2333 2243	3333 4555	3232 4421	3333 3241	1221 2233	2313 2311
Sr								
Ni								
KP								
Ya	2323 4442	2345 5433	2224 2132	3314 4422	3223 4310	2234 2211	0240 0000	0000 1100
Ch	5434 4335	4554 4344	2434 2132	3433 4334	4432 3321	3433 2121	1321 1032	3412 2210
Za	3434 4444	4445 5644	3323 2142	3222 4545	3323 5421	2244 4242	1111 1022	3222 3310
VD	4324 4444	3445 5644	2314 2152	2323 4545	3323 5420	2333 2131	1211 1022	2323 3300
Eb								
St								
Zy	4335 5333	3456 6544	2335 2141	3233 4545	4244 5410	1234 3241	1111 1021	2323 3200
SF	5325 3344	3445 3555	3333 1152	3333 4555	3331 4420	3443 2342	1212 1223	2233 2410
Tu	5535 4434	4554 5543	2435 2142	3434 3433	5433 3321	3434 2221	1321 1122	3322 2200
Du	2325 4343	2354 4444	2213 1131	1222 4543	1122 4420	1333 2141	0110 1022	1212 2200
Ke	4344 4444	2455 5554	2334 3342	2343 4534	3323 5421	2344 3232	2222 1133	2224 3210
SJ	4413 3223	3343 3333	2223 1131	2323 2323	4324 2100	2322 0110	1210 0010	2201 1100
Ka								
Ho	3324 3213	2344 4322	0323 1110	---- ----	---- ----	---- ----	---- ----	---- ----
ZS								
Al								
Hu	2323 4533	3323 4333	1222 2331	2321 4432	3211 3330	3322 3321	1212 2221	1211 3320
Ap	4324 4213	3344 4423	3223 1122	2332 1432	3323 2123	4223 2122	2110 1032	2312 2001
Pi	2424 4303	3324 4403	1223 3032	2331 4313	4211 2311	1423 3206	1212 2232	0320 2101
CT	4334 3343	2344 4444	2223 2141	2223 4444	3323 3320	2333 4121	1111 1011	1001 2200
Wa	3334 4433	2345 5433	2124 2232	2233 4433	3223 4321	2233 3221	1121 1122	1212 3211
To	3435 4423	4355 5443	2224 3132	3334 3523	3324 4310	2333 3120	1210 1011	2213 3211
Am	3324 4323	4454 5433	3324 2132	2333 2423	3323 3211	2233 2122	2210 1010	3213 2100

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1944--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	1013 3221	1033 3444	5424 4334	4234 3422	3323 3332	3324 6542	2233 3433	2123 3321
Iv	2211 1122	2221 2356	6543 2246	5344 2234	4432 2345	5533 3332	3343 2334	2321 2111
Co	1001 0000	0020 1234	5426 5323	3145 4110	2100 1212	2446 4211	0234 2321	1001 2110
So								
Le	1001 0000	0011 1236	7622 3145	4022 0122	1210 0123	3322 2221	1110 1133	0001 1100
Do	0000 0000	0001 2347	8313 3135	4001 1132	2201 1223	3302 3231	1221 1144	0001 2200
Me	1001 1000	0010 1123	6535 4123	1154 3011	2210 0112	2444 5211	0333 1111	0011 1110
Si	0001 1100	0021 1234	7425 4233	3144 3111	2210 1122	2334 4221	0233 2222	0002 2200
Es	1011 1011	0011 2244	5523 3244	3112 1121	1201 1223	2312 2331	1211 1234	1011 1200
Sl								
RS	0010 0000	0021 1255	6423 3145	3022 1031	2211 2133	3312 3321	1211 2143	1011 2100
Ag	0101 1111	0020 1235	7533 3135	3132 1111	2300 0213	5432 3112	1332 1233	1101 1100
Wi								
Ab	1011 1111	0122 2355	5524 3245	4222 2121	1301 2234	3323 3322	2231 1244	1021 2200
Sr								
Ni								
KP								
Ya	0011 0111	1111 1144	5214 2132	3112 1012	1111 1222	2223 2201	2322 1342	2041 2210
Ch	0100 0112	0031 2235	6423 3235	3132 1112	1300 0113	4432 3122	1232 1223	1101 1101
Za	1020 0011	0011 1355	5323 3234	3222 2122	2122 0234	2222 2323	2212 0244	2011 0200
VD	1111 1001	0123 1455	5523 4234	3123 2121	3222 0234	2333 3321	1312 2244	1212 0310
Eb								
St								
Zy	0000 0001	0032 2356	6524 4244	1133 2121	1101 0223	2323 4322	1222 1233	0012 1200
SF	0023 2212	0141 2355	5434 3436	5333 1122	1312 2235	3433 4433	2222 2344	2112 3211
Tu	1011 1122	1131 2245	6424 2244	3033 1123	2311 2122	3334 4322	1333 2233	1012 1010
Du	0121 0002	0132 2255	5534 3234	3223 2221	2212 1223	1313 3432	2221 1243	1012 2211
Ke	1221 0012	0332 1346	5414 3344	3333 3232	2213 1323	3323 4322	2222 1233	2222 1211
SJ	0000 0101	0021 1134	5312 2123	2120 0111	1300 0012	3422 3211	1221 0122	1000 0000
Ka								
Ho	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----
ZS								
Al								
Hu	0000 1211	0121 3334	5322 4232	2112 2222	2200 2222	3311 3431	1121 2331	1001 2211
Ap	1110 0012	1231 1145	5433 3134	3013 1022	2120 1012	3334 3202	2322 2013	2111 2213
Pi	0000 0211	0132 2355	5433 3254	2120 2132	2310 2133	3413 4313	1221 2303	0000 4221
CT	0012 2100	0133 3255	5423 3235	4111 2011	0111 2234	2333 4222	1223 2333	0013 1110
Wa	1011 0111	0131 2245	5324 4243	2123 2121	2111 1222	2223 4321	1221 1232	2111 1211
To	0111 0001	1131 1244	5425 4233	3234 2032	2201 1222	2335 4222	3222 1233	1012 1201
Am	0110 0000	1131 1034	4324 3113	3133 2011	2210 1001	2334 4211	1322 1122	1111 1100

Obs'y	25	26	27	28	29	30	31
Go	2223 3334	3345 6434	7655 4344	4233 4433	4645 5433	5334 4336	4233 4224
Iv	3433 2345	5565 4213	7665 3345	4444 2356	6655 3545	6333 2337	5532 2224
Co	0003 1222	3566 7324	6677 5422	1124 4423	3466 5422	3343 4322	2255 4010
So							
Le	0011 1234	3433 4216	8754 3342	2112 2234	5442 2233	4222 2334	4221 2013
Do	1012 2233	3333 5327	9845 4443	2012 3334	6443 3332	4212 3434	3212 3023
Me	0022 1122	4576 7215	6677 4322	1124 3213	3566 3312	3352 2213	2354 3001
Si	0122 2232	3567 7224	6777 4322	0124 3323	3564 3321	3242 2223	2343 3000
Es	1112 2333	3243 5325	6645 3343	2112 3334	4442 2332	3222 2324	2221 2012
Sl							
RS	1012 2233	3344 5224	7644 4452	1112 3334	5533 2232	3232 3434	2221 3033
Ag	0212 3333	3665 6235	7676 3223	2223 2223	5555 2222	5241 2224	3343 2012
Wi							
Ab	1123 3344	3343 5335	6645 3343	2222 3334	4443 3333	4332 3435	2332 3122
Sr							
Ni							
KP							
Ya	0013 3242	3444 5122	5545 4322	0112 1433	4334 3332	3332 3212	1233 2010
Ch	0212 2233	4554 5235	6655 3233	1213 1223	5444 1122	5231 1225	4333 1012
Za	1012 2434	3244 5324	6544 3444	3122 2324	4443 3343	4264 3424	3122 2003
VD	1112 2444	3344 6225	6534 3443	1133 2324	4433 3331	4132 3324	3222 3022
Eb							
St							
Zy	0013 3353	3546 6235	7745 4432	1113 1423	4434 3331	3131 3324	0033 3000
SF	1224 3435	4454 5436	7654 3344	2223 2335	5554 3343	4342 3325	3333 2013
Tu	0123 3243	4555 5335	6665 3322	1223 2223	4454 2222	4241 2225	3343 2012
Du	1113 3333	3333 5335	6544 3343	1122 1123	3222 2222	3132 3424	2232 3122
Ke	1123 3443	3453 5334	6545 4432	2223 2334	5434 2331	2242 2423	2233 4022
SJ	0112 2332	3543 5124	5633 2221	0102 0113	3343 1211	3220 1213	2322 1011
Ka							
Ho	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----
ZS							
Al							
Hu	0112 2342	3433 6334	4533 3332	1113 3323	3332 2322	3221 3323	2322 2121
Ap	1213 3243	3445 4225	6454 1232	3212 1124	3444 2032	3231 2204	3233 2012
Pi	0002 4353	3543 5205	6633 3101	0102 3224	4443 1222	4220 2114	3321 3013
CT	0023 3434	2354 5224	6454 3243	2113 3324	4333 2332	4222 2114	3132 3011
Wa	0113 2342	3456 5325	6655 4321	1123 2334	3433 3331	3232 3423	2222 3112
To	2223 2232	3456 6325	6565 4223	1124 3333	4444 4331	3231 4323	3233 3011
Am	1202 2132	4455 6324	6564 3122	2123 2223	3454 3332	3241 3214	3233 2001

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1944

Obs'y	1	2	3	4	5	6	7	8
Go	4213 4334	5456 7643	3433 5454	5345 5544	3435 6556	3444 6444	5434 4444	3124 6433
Iv	5212 1356	6476 3353	6454 3246	5355 4434	5654 4456	5466 4445	6344 3465	6323 4344
Co	2012 2232	4478 5343	3444 3132	3447 4532	3346 4543	3367 4532	3333 4344	3205 6332
So								
Le	3102 1144	5577 4355	5431 2134	3233 3323	3323 2344	3233 3443	5422 2365	4212 4243
Do	3112 2255	5477 5365	5543 3234	3234 4423	3334 3454	3244 4544	6222 2375	4223 4243
Me	1011 1123	5588 6434	4554 2233	1456 4333	2555 3333	2267 4332	3254 2233	2214 6132
Si	2011 2232	4499 8343	4543 2232	2367 5332	2555 3433	3268 4332	3253 3334	2214 6222
Es	3002 2245	4467 5353	4432 2233	2234 4323	3423 3454	3243 3443	4123 2355	3112 4243
Sl								
RS	3112 2255	4466 5463	5332 1233	3334 4433	3323 3454	3243 3544	4122 1355	4113 4243
Ag	3011 1134	4599 4344	6643 2223	3555 3333	4643 3434	4465 2333	5343 2345	4212 4222
Wi								
Ab	3112 3355	4467 5454	4432 3244	3345 4334	3434 3454	4344 3543	4243 2355	4213 5243
Sr	2221 2233	3489 6454	4442 3233	3346 3323	2345 3443.	3246 4433	3242 3234	3312 5222
Ni								
KP								
Ya	2121 1334	3378 8343	3432 2131	2345 3423	2335 3533	2255 4432	3242 2254	2212 4322
Ch	3001 1134	4577 5344	6532 2223	3344 2333	4543 3334	4454 2333	5343 2345	4212 4232
Za	0002 1245	4467 5464	4322 1134	2225 4443	2234 4455	2244 4444	4423 2255	4212 4244
VD	2101 3245	3356 5364	3431 2133	3335 4333	2334 4554	3344 4343	3332 2253	3223 4343
Eb								
St								
Zy	2111 1334	3467 6433	3432 2132	1346 4321	1225 3554	2155 4332	3142 1253	2113 5222
SF	3113 2246	4476 4554	5430 1335	3235 4334	3434 3435	3355 4434	5344 0365	4244 5344
Tu	3112 2233	5677 5343	5532 2233	3445 2323	3534 2334	3354 2332	5243 2234	3212 5222
Du	1132 3333	2357 6365	5543 3232	2244 4323	1234 3443	2144 2442	2244 1233	2132 5232
Ke	1223 2345	3475 6553	4433 2233	2344 4333	2334 3453	2254 3433	3244 2234	3223 5232
SJ	2001 1234	4556 3232	5421 1122	2343 2222	3433 2233	3143 1322	4232 1133	3102 3122
Ka								
Ho	---- ----	---- ----	---- ----	---- ----	---- ----	3133 2211	2022 1221	1110 2110
ZS								
Al								
Hu	3111 3333	4555 4452	3421 2242	2232 4322	3321 3432	3132 3422	2112 2343	2111 4322
Ap	2322 2143	4586 5423	4521 1033	3345 3122	2324 3123	2334 1222	4322 2033	2222 4022
Pi	3110 3354	4660 4443	5520 3233	0343 3213	3423 2233	3332 2232	2022 1255	3022 3332
CT	2012 2235	4465 4444	3333 3133	2334 4333	2233 3434	2254 2322	3223 1254	3221 4133
Wa	1122 2233	3477 6443	4432 2222	1346 4322	2334 3453	2245 4432	4332 2234	2223 5222
To	2122 3132	3477 6443	3431 2122	3345 3321	3335 3333	3345 3332	3332 2333	3213 5222
Am	2112 2122	3467 6323	4431 1112	3345 3232	2334 3233	2245 3222	3232 2233	2202 5112

Obs'y	9	10	11	12	13	14	15	16
Go	1222 3354	3545 5433	4234 4544	5333 4321	2122 3221	1123 3312	3123 3334	6543 4433
Iv	3332 1245	5655 4335	5333 2434	6332 1232	3211 0111	2101 1222	4111 2345	6564 4544
Co	1221 0132	3466 5312	2111 2432	3213 3000	0000 0000	0000 0000	1003 2123	4267 6541
So								
Le	1101 1234	4443 3313	3222 2334	4321 2110	0100 0000	0001 1100	2000 2326	5533 3533
Do	1100 1235	4443 3312	3212 2334	5211 2020	0100 0000	0000 1000	2000 2226	4623 5543
Me	0230 0123	2576 4213	3142 1232	4332 2000	0000 0001	0000 0001	0002 2223	4477 6531
Si	1220 1223	3565 4212	3131 2332	3232 2010	0010 0000	0000 1000	1002 2133	4377 6632
Es	1111 1334	3443 3312	3122 1434	4222 1111	0110 0000	0012 1100	2001 3334	5332 3533
Sl								
RS	0111 0244	4442 3413	3122 1434	4221 1020	1100 0000	0001 0100	2000 3334	5332 4633
Ag	1221 0134	2665 2223	4132 2233	5231 1210	0000 0000	0001 0021	2001 2245	5565 4432
Wi								
Ab	2123 2344	4453 3323	4222 2434	4222 3120	0111 1101	0113 1100	2122 4335	5344 3643
Sr	3311 1233	2454 4323	3322 2333	3323 2110	0010 0101	0112 1100	1111 3234	4344 6532
Ni								
KP								
Ya	1210 0334	3445 4322	3223 2433	3221 1222	0000 0000	0001 1100	0000 3234	4334 5542
Ch	1220 0234	3555 2223	4132 1233	5221 1121	0110 0001	1001 1000	2001 2245	5554 4323
Za	1100 0124	4444 4422	2211 1534	3221 1010	0000 0100	0001 0000	1001 3344	5345 5532
VD	2121 0334	3334 4422	3221 2534	3223 2231	1222 0101	2123 1001	2223 3233	5444 5543
Eb								
St								
Zy	0001 1344	1344 4223	2222 4233	4332 2121	0000 0000	0001 0100	0000 4243	5354 6642
SF	2221 3355	4454 3323	4223 2534	4300 2222	1022 2321	1133 2101	3012 4255	6554 2543
Tu	1221 1244	2654 2323	4132 2333	5331 1011	1110 0011	0001 1111	2002 3245	5455 4322
Du	1233 2345	3344 3343	3233 1213	1110 0011	0011 0000	0022 0001	1010 4444	4434 4543
Ke	2323 2344	2444 4423	2334 2433	3222 1121	1011 1100	0222 0210	1211 4343	4355 5642
SJ	0110 1233	2433 2212	4122 0322	4111 0010	0000 0000	0001 0110	0000 4244	4343 3312
Ka								
Ho	0111 1211	1332 2211	1111 1111	1111. 0100	1110 0001	1101 1100	1101 2112	2113 3210
ZS								
Al								
Hu	1110 2332	2422 2322	3122 2433	4121 2220	0000 1100	0012 2210	0001 3333	3224 3322
Ap	3211 1242	1444 3123	3222 2233	3323 1022	2200 0021	1212 2210	0011 3344	5343 2323
Pi	0102 3353	2423 1103	4130 0313	5101 2201	0000 0101	0011 0201	1001 5254	4314 3303
Ct	1122 1244	2242 3212	2221 2423	3321 2010	0111 3000	0012 2011	2122 5254	5543 3333
Wa	1211 1234	1344 4322	2112 2423	2222 1121	0100 0110	0112 1100	0001 3233	4234 6532
To	2211 1123	2345 4211	3122 2332	3333 3011	0110 0001	1011 1100	1002 3112	4345 5532
Am	2210 1122	2454 3221	1122 2123	3222 2000	0000 0001	1001 0001	1101 2113	4335 5322

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1944--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	3224 3433	3134 3323	2123 3321	2223 3321	1123 4322	1123 4421	1122 2221	2234 5333
Iv	5432 2224	5333 1223	4221 1223	4432 1222	3322 3212	2111 1211	0011 1211	3444 2334
Co	2213 4300	3032 1001	2111 1300	0122 1000	1013 5000	0001 0100	0000 0000	3343 3210
So								
Le	3310 2113	3210 0212	2010 1122	2220 1200	0112 2200	0000 1100	0000 1000	2221 3222
Do	2301 3223	4100 2113	1000 0212	1100 0020	0000 3210	0010 0101	0000 2100	2221 3223
Me	3213 1211	2221 0101	1001 1100	0113 0110	0023 4110	1000 0001	0000 0001	2364 1112
Si	3213 2211	2021 0111	2012 1200	1122 2100	0113 4110	1011 1000	0000 1000	3353 2211
Es	3311 2223	4111 1112	2011 2222	2211 1211	1111 3210	1101 0101	0001 1100	3332 3223
Sl								
RS	3300 2123	4010 0112	1000 0120	2110 1120	1110 3210	0000 0100	0000 1000	2333 3232
Ag	5322 2222	4121 1212	2001 2220	2312 3111	0021 2221	1001 1211	0010 2201	3552 3223
Wi								
Ab	4322 3223	4010 1103	3011 2121	2211 1320	0111 3311	0110 0201	0010 2110	3332 4323
Sr	2212 3311	2121 1011	2121 1211	0112 1111	1111 2111	1110 0101	0010 1000	2443 3222
Ni								
KP								
Ya	1312 3212	2022 0111	2221 0201	1122 0221	0012 3211	1111 1000	0021 2100	2343 3311
Ch	4212 1123	4121 0002	2000 0011	2312 1011	0121 2111	0001 0002	0010 1110	3433 3233
Za	2212 2122	4101 0012	1000 1110	0000 0110	0000 2100	0000 0000	0000 0000	0211 2222
VD	2323 2112	3020 0002	2011 0112	1122 0221	1111 3211	1100 0001	0011 1000	2432 3222
Eb								
St								
Zy	2211 2111	2000 0001	0000 1101	0121 0210	0112 3310	0000 0000	0021 1110	3343 3322
SF	4322 2223	5211 2113	2020 2210	2223 2321	1112 3211	1111 1200	0000 1200	3433 3333
Tu	4313 1113	3021 0012	2001 1110	1112 1121	1121 3211	1010 0001	0010 0000	3544 3223
Du	2211 1221	3122 1102	1021 1120	0101 1111	0120 2321	1101 0010	0111 2222	4432 3222
Ke	3331 3222	3222 1011	2323 2210	2221 2221	0212 3221	2222 1201	1122 1100	3432 2222
SJ	3301 0102	4010 0001	2000 0010	1202 0100	0011 2210	0000 0001	0010 1010	3433 2122
Ka								
Ho	1111 1201	1010 0111	1001 0111	1111 0110	0111 1111	1000 0101	0010 1100	2121 1111
ZS								
Al								
Hu	3201 1232	3010 2221	1000 1211	1101 1210	0111 3321	0000 0101	0000 2110	3232 4322
Ap	2312 2104	2112 0122	3201 1120	0221 0023	2211 2113	2000 0012	2220 0001	4534 2023
Pi	4202 0014	4021 1022	3010 2122	1212 1320	0121 1101	0002 1001	0000 1000	3544 3313
CT	3111 0213	4021 2112	1012 2200	1120 0100	0121 2110	0021 0100	0122 2020	3333 3322
Wa	2112 2221	2111 1111	1011 2211	1111 0120	1112 3211	1010 0101	0011 1110	3433 2121
To	3212 3312	2111 2001	2211 1202	1212 1101	1212 3110	1111 0001	1220 1001	3434 3112
Am	3112 3222	2110 0001	1001 0121	1222 1110	0100 2000	1000 0010	1010 0010	4433 2002

Obs'y	25	26	27	28	29	30
Go	4222 3332	3233 3432	2234 5333	3334 5443	2334 6432	2345 4434
Iv	5311 1343	4351 2444	5443 2446	5332 2342	3443 3332	5455 3426
Co	1111 0121	2231 1231	2334 3321	2333 3421	1232 5311	2576 3212
So						
Le	4111 1123	3220 1233	2212 3343	3212 2232	0222 3221	3333 2314
Do	3110 1233	2111 2333	2211 3344	3212 3342	1222 3321	2324 2312
Me	2131 1323	1442 1221	1444 3211	3463 1111	1361 2111	2688 1212
Si	2221 1121	2332 1221	2434 3322	2442 2321	1352 3211	2576 2313
Es	3211 1223	2221 1223	2213 3243	3212 3331	1233 3321	1344 2323
Sl						
RS	3110 1133	3121 1333	3113 3343	3212 2241	1322 4331	3343 2322
Ag	4221 1122	2432 1233	2422 1233	4442 3232	1342 3323	2555 3324
Wi						
Ab	3221 2133	3221 2333	3213 3344	3223 3342	1233 4321	3344 3423
Sr	3322 1132	2222 2232	2223 3332	2233 3331	2333 3113	2465 3323
Ni						
KP						
Ya	3321 1232	1234 3322	2332 2322	1233 3431	1232 4211	1453 2111
Ch	3320 1123	2331 1232	3332 1133	4442 2232	1343 3233	2455 2224
Za	4200 0242	2100 0343	1102 2433	3112 2442	1122 4222	2334 1223
VD	3211 1232	2222 1332	1213 3433	2222 2341	1233 4321	1353 2323
Eb						
St						
Zy	3121 1132	2221 2332	2324 4333	2233 3341	2232 4222	2353 2223
SF	4221 2323	3221 2443	2121 2444	3233 3432	2333 4332	3455 1334
Tu	4220 1133	2331 2243	2433 1223	3442 2222	2443 3222	2465 2325
Du	3311 2333	3331 1333	2223 3343	3323 2343	3333 4321	2344 2223
Ke	2232 2133	2332 2332	1334 3333	2223 3342	2323 5212	1354 3222
SJ	3300 1111	2321 1332	2322 0222	3322 1222	1232 3211	2444 0213
Ka						
Ho	1111 1111	1111 1111	1211 1111	1221 1211	1121 2211	1354 1213
ZS						
Al						
Hu	3211 2221	2321 2321	2322 2222	3322 3321	1332 4321	2322 2322
Ap	4212 1032	2322 0223	3202 3333	2232 0132	3423 3133	3254 2224
Pi	3303 0233	3322 1423	2323 1223	3432 3212	1444 3321	2432 0224
CT	3113 2223	1112 1222	1123 2333	2222 1331	1223 4311	2344 2213
Wa	2211 2232	1321 1331	1223 3421	2222 2341	1233 4221	1453 2222
To	3211 1132	2331 1332	2223 3322	3232 2332	2332 4323	2454 2212
Am	3120 0021	2321 1221	2223 2312	3242 1222	2322 3222	3354 2123

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1944

Obs'y	1	2	3	4	5	6	7	8
Go	5334 5644	3455 5533	3234 6332	2234 5555	5334 5443	6335 5543	3444 5554	4334 4333
Iv	5545 5545	5664 4435	5433 3322	2223 3465	6444 4433	6344 3543	4454 3453	5444 1224
Co	3367 6743	3446 7321	0224 6310	2004 4454	3226 7531	3246 5431	2355 4423	3341 3111
So								
Le	3222 6745	4443 4322	2220 3212	0113 2354	4322 3322	4223 3442	1232 2333	3222 1122
Do	3112 7746	3543 4322	2111 4212	1112 3445	4323 4331	4213 3453	1232 3433	4222 1112
Me	2346 5534	3557 6221	2332 4111	0004 4234	3245 4222	3356 5322	1343 3221	3454 1100
Si	3246 7634	3546 6321	2233 4311	2114 4344	4235 5332	3246 4332	2354 4323	3443 2112
Es	3222 5544	3444 4322	2211 3212	1113 2455	4223 4332	3223 3442	2242 3432	3323 2112
Sl								
RS	3223 6544	4444 4332	2222 4212	1113 2354	4322 4332	4223 3452	1233 3443	3222 1123
Ag	4333 5545	5655 4333	4321 3321	1003 4344	4323 3342	5344 3232	4352 2333	4443 2111
Wi								
Ab	4233 5644	4444 4433	3322 4321	2114 3455	5223 4332	4234 4553	1343 4433	3333 1123
Sr	3345 6644	3445 4321	2233 4211	2013 4455	3334 4332	3225 4342	1343 3333	3433 2011
Ni								
KP								
Ya	2334 6544	3555 4321	1233 3321	2123 4333	4334 5321	3124 5321	2243 3323	3333 2112
Ch	3343 4445	4434 4323	4321 2221	1113 3344	4223 4342	5333 3343	3342 3332	4443 1112
Za	1124 6655	2444 5422	1101 3301	1003 3354	3212 4441	4214 4442	1233 2443	2122 1000
VD	3224 6644	2444 5421	0222 4301	1234 3354	4234 4331	3114 4342	1333 3444	3233 2011
Eb								
St								
Zy	3435 6553	2555 5322	2322 4312	1214 4354	4223 5331	3235 4332	2453 3333	3332 1111
SF	4342 6654	3545 5333	3332 4223	1122 3354	5224 4342	5224 4442	2343 3443	3343 1221
Tu	4433 5535	3534 4232	3232 2211	1113 3455	4334 3333	4334 3333	3343 2323	4443 1112
Du	3323 5644	2434 4322	1232 4201	2223 3255	3233 4331	2124 4241	1343 2344	3333 1011
Ke	2433 6644	2455 5333	2332 4322	1214 4355	3333 4331	2234 4332	2343 3333	3333 2111
SJ	3342 4444	3433 4212	3211 2110	1012 2244	3112 3222	3222 3222	2242 1221	4311 0100
Ka								
Ho	3223 4333	1323 3111	1112 2111	1112 2333	2213 2111	1123 1211	1232 1111	2232 1111
ZS								
Al								
Hu	3332 3443	2433 3422	2211 3210	1002 2444	3212 3331	3222 4322	2232 3421	3311 1210
Ap	4433 3223	3334 4202	2222 3202	2302 3243	4333 3122	4324 2111	2233 2233	3332 2020
Pi	4333 5234	3533 4303	3223 0002	0102 1455	3321 3302	3332 2202	2242 0212	4322 2102
CT	3233 5543	3445 5332	1122 3112	0113 3454	4132 3331	4123 3332	1232 2333	2323 1110
Wa	1335 6543	2445 4321	1112 4211	1114 4354	3223 4232	3225 4342	1243 3344	2332 1111
To	3435 5543	3445 5311	2223 3200	1113 4255	3223 4232	3235 4322	2343 2333	3343 2012
Am	3435 6432	2444 4312	2223 3101	2014 4244	3123 4231	3234 3222	2243 2223	3433 1011

Obs'y	9	10	11	12	13	14	15	16
Go	2233 3333	3223 3324	3233 3322	3223 3423	1222 2222	1233 3233	5233 3321	1223 3322
Iv	2232 2235	5311 2225	4321 2222	5212 1334	3221 1122	2341 1133	5341 1221	1311 2223
Co	1123 0121	2000 1000	2112 3121	2102 0011	1001 1000	1132 0011	2331 2000	0110 0101
So								
Le	0010 1232	2111 1103	2111 2111	2112 0222	1100 0002	0111 1001	3111 0100	0010 2011
Do	1101 1242	2000 1112	1100 2111	1003 2222	0000 1102	0011 1011	3101 0000	0011 2111
Me	0111 0010	1010 0001	0220 1101	1001 1111	0011 0001	0121 0101	1341 0110	0000 0000
Si	0221 1121	2011 1111	1121 1222	2012 1111	1011 1010	1121 1111	2340 1111	0110 1111
Es	1121 1132	2001 1112	2111 2212	2212 1223	0110 0111	0122 1011	3221 0010	0011 2110
Sl								
RS	1011 1132	3100 1002	2221 1211	2112 1222	0100 1112	0111 0111	3211 0000	0110 2111
Ag	0120 1222	3100 1111	1221 1112	2001 1112	0001 1121	0220 1111	3331 2110	0100 1001
Wi								
Ab	1111 1232	3211 2112	2220 3212	2112 3333	1111 1111	1222 2211	3221 2110	0111 2211
Sr	1222 1122	2111 1012	2221 2121	2122 1223	0221 2001	1221 0012	2221 0002	0122 2012
Ni								
KP								
Ya	0021 1121	2111 1010	2221 1122	1012 1211	0121 1111	0121 0022	1221 1112	0131 2111
Ch	0121 1132	3201 1122	1321 1223	2112 1122	0111 0112	1221 0011	3331 0011	0110 1011
Za	0001 0020	0001 0001	2110 0011	1100 1112	0000 0000	0000 0011	2100 0000	0000 1010
VD	1211 1131	1201 1022	1220 1211	2213 2222	0221 1111	1211 2011	2221 0110	0221 2121
Eb								
St								
Zy	0111 1021	1101 1012	2311 1111	1022 2221	0111 1100	0111 1000	2021 0100	0221 2111
SF	0100 1033	3111 1012	2211 1212	3233 2223	0101 2111	1221 2211	4132 1210	0221 3111
Tu	1111 1121	2100 1122	2221 1112	3122 1123	1111 0002	1321 1112	3440 1211	0111 1112
Du	1222 2131	1210 1011	1221 1221	2222 2232	1211 1112	2322 1111	2221 1101	0111 1131
Ke	1232 2132	2221 2121	2211 2222	1123 2331	2221 2101	2331 1211	2222 3101	1122 2121
SJ	0110 0110	3000 0001	0210 0111	0012 0112	0110 0001	0110 0001	2331 0000	0000 1100
Ka								
Ho	1111 1110	1100 0111	0100 1111	1111 1101	0010 1110	1111 0001	2220 0000	0011 1111
ZS								
Al								
Hu	0110 2121	2000 1112	1211 2221	2001 2222	0011 2211	1111 1111	2320 1100	0001 2110
Ap	2112 0022	2211 0134	2101 1113	2210 1222	2110 1001	1321 0113	2230 0112	0110 0012
Pi	0202 2222	3002 0033	2223 1203	1102 1423	0011 1031	0211 0202	2323 2220	0112 1012
CT	0111 2122	1011 2111	0102 2112	2023 2322	0012 0110	0212 1020	3101 2100	0000 2001
Wa	1011 0031	1010 0011	1111 1111	1111 0121	1100 1001	1111 0111	2121 1211	0110 1111
To	2211 1021	2211 1112	2221 1101	2112 1122	2211 2101	2121 0001	2131 1000	2210 1000
Am	1112 0011	2110 1122	1210 1011	2112 1111	1101 0001	1221 1002	2230 1001	1110 1001

¨ Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1944--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	2223 3222	2123 2222	2223 3333	1222 2311	1233 2322	2223 3433	1334 4433	3245 5444
Iv	4322 1124	4311 1112	3221 2222	3211 1111	2111 1223	3121 1343	2532 1233	4355 2245
Co	1100 2001	0100 0000	1000 1000	1000 0000	1011 0100	0101 0200	2213 3321	2364 2212
So								
Le	2001 2012	2002 2111	2001 2121	0001 1000	0111 1102	1111 1121	0212 2221	2232 1234
Do	1001 1101	1002 1001	0011 2310	0000 0000	0001 0102	0001 2212	0212 3211	3122 2233
Me	1100 0001	0001 0011	0120 1011	0000 0100	1001 0211	0020 0011	1222 1222	3465 1111
Si	1211 1012	1101 1022	1121 1111	1000 0000	1102 0111	0121 1221	2223 2122	2353 1122
Es	2121 2112	2112 2112	2012 2221	1001 1100	1011 1112	1011 2122	1212 3321	3243 3233
Sl								
RS	2101 2102	1122 2001	1011 2121	0000 0000	0201 1012	0001 1222	1211 2221	3233 2134
Ag	2110 1012	1010 1012	1120 2112	0000 1111	0001 1111	1020 2222	1311 1112	4343 2123
Wi								
Ab	2111 2112	2112 2111	2121 2121	1111 2210	1211 1212	1111 3222	0221 3332	3233 3333
Sr	1222 2212	1221 1001	2130 1211	2000 0001	0011 0102	0122 2111	2222 2222	4343 1211
Ni								
KP								
Ya	1121 1111	1221 1001	1231 1112	0111 1012	0012 0112	0022 2123	1132 2212	3343 1223
Ch	2101 1012	1011 0002	1111 1113	1001 0111	2011 0012	1021 1222	2311 1223	3232 2233
Za	0000 1000	0000 1000	0000 1110	0000 0000	0000 0000	0000 0000	0000 1102	2121 0213
VD	1201 2101	2111 2110	1021 2122	0011 1010	0101 1111	0002 2112	1122 2222	3243 1222
Eb								
St								
Zy	1112 2011	0111 1010	1120 1111	0000 0100	1101 0100	0022 2112	2321 2222	3344 1222
SF	2132 3112	3143 3331	2122 1221	1132 2121	2242 3311	1122 2211	1323 3333	4244 3334
Tu	2111 1112	0101 1122	1110 1122	1000 1121	2101 0012	2122 2222	2322 2222	4342 2223
Du	1212 2111	1121 2211	1122 2111	1120 0111	2220 1112	2222 2221	1222 2212	3354 2221
Ke	1133 2211	2012 1011	2232 2111	2122 2211	1112 1112	2221 2212	2221 3232	3453 3232
SJ	0000 0011	0000 0101	1001 1101	0000 0000	1000 0000	0011 0111	1101 1112	3231 1121
Ka								
Ho	1101 0111	0101 0011	0011 1111	0100 0111	1111 0011	1111 1111	0111 1111	2221 1111
ZS								
Al								
Hu	0101 2110	0000 1111	1110 2211	0000 1110	1000 0110	1012 2210	1101 3222	3231 2211
Ap	2120 0223	1200 0112	1121 2122	0100 0022	2021 0103	1201 1020	2313 2113	3343 2132
Pi	0221 0022	0112 0031	1122 0132	0002 1320	0102 0102	2023 0322	2222 0323	3330 1123
CT	1000 1011	1102 1100	0021 2210	0011 0100	0000 0001	0010 1321	0220 2211	3232 1233
Wa	1111 1011	1211 0111	1111 1211	0000 0110	1111 0211	0101 1111	1212 3222	2233 1132
To	2101 2000	0101 0001	2111 2101	1201 0000	1111 0100	0101 0111	0212 2122	2344 1122
Am	1110 1001	0101 0011	2011 1001	2100 1000	1111 0101	1011 1001	2212 2012	3343 1222

Obs'y	25	26	27	28	29	30	31
Go	2234 4332	4324 4432	3334 5432	1234 5433	5436 6545	5334 5432	2344 4543
Iv	2542 2233	5333 2322	3344 2312	1132 2323	4445 3436	5343 3222	3343 2534
Co	2133 4221	3323 1110	3435 5121	1231 1112	2346 5424	4346 5212	1112 2512
So							
Le	2211 2122	3211 2210	2322 2110	0012 2223	3223 3336	5322 3200	1121 2322
Do	1201 2222	3211 2221	2223 3220	0012 2223	3223 3426	3323 3211	1021 2443
Me	1342 2122	3233 0211	2444 3111	1121 1113	2345 4235	2364 4112	1332 1323
Si	2332 3222	3223 1121	2333 3122	2221 1213	3434 3334	4344 4312	2341 1323
Es	1212 2132	3222 2321	2323 2220	1022 3222	3223 3435	4223 3211	1221 2322
Sl							
RS	1221 2221	3221 2311	3323 2210	0112 3222	3323 3425	4223 3211	1231 2423
Ag	1321 1122	3322 2221	1433 2212	1121 2123	4445 3336	3342 2322	1331 2333
Wi							
Ab	1311 2232	3222 3321	3333 3221	1123 3322	3323 4435	4224 4221	1221 2423
Sr	2231 3132	3323 2111	2333 2111	2222 2113	3344 3434	4343 4211	2332 1323
Ni							
KP							
Ya	2231 2122	2233 1212	3343 3211	1133 2222	3344 3332	3244 4222	2343 2322
Ch	1321 2133	3322 2232	3333 2212	2132 2223	4345 3346	3342 2223	1332 2324
Za	1100 1021	3000 0100	0112 2111	0000 0111	4223 2424	4212 4201	1021 1413
VD	1111 2232	3232 1221	2233 3110	1122 2122	3233 3534	3233 3212	1032 2423
Eb							
St							
Zy	0221 3132	3323 2121	1334 3210	1233 2223	4334 3424	3234 4111	1232 2422
SF	2234 3242	4333 3332	3443 2311	1232 1333	4333 4445	3343 4222	1232 3442
Tu	1331 1132	4332 2122	2432 3222	2132 2223	4334 3335	3333 3222	2332 2423
Du	2232 3242	3223 1222	3333 2322	2242 4333	4345 5534	3455 5322	2442 3432
Ke	0332 2242	2333 3222	2433 3211	1232 2223	4332 3434	3233 4211	2343 3432
SJ	1311 0022	2221 1111	1422 1111	1022 2211	3234 2324	3232 2211	1320 1322
Ka							
Ho	1121 2121"	3321" 1121	2323 2111	1122 1102	3233 2213	1233 2111	1322 1222
ZS							
Al							
Hu	1310 1231	3221 3321	1322 2220	1122 2212	3222 3434	2222 3211	1222 2431
Ap	2232 2032	3232 2023	2433 2122	2022 1103	3233 1224	2323 3022	2022 2323
Pi	0322 1022	3312 1211	0422 0011	1122 0034	3223 2315	3231 2031	1302 1423
CT	1111 1132	3111 2211	2323 2200	1132 2203	4112 3334	4112 2100	0122 2531
Wa	1121 3231	2222 1111	1323 2221	1122 2212	4223 3433	3234 3211	1322 2433
To	1231 3120	2322 1102	1322 3111	1121 1110	3234 3423	3334 4101	1232 1422
Am	1231 3121	2222 1112	2323 3110	1112 1112	3233 2323	3233 4101	1222 1421

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1944

Obs'y	1	2	3	4	5	6	7	8
Go	3344 4433	3335 4332	2233 4322	2123 3334	3234 4533	2233 3433	1234 4322	1223 4321
Iv	4323 1323	3233 2332	2241 1121	1111 1234	3133 3343	4322 1332	2222 1212	1211 1222
Co	2223 1221	0213 2111	0110 1001	1110 0022	2123 3110	1200 0111	0012 2010	0100 0000
So								
Le	2111 2220	1212 2021	0120 2010	0011 1133	1122 2321	2111 2220	0001 1210	0100 1210
Do	3111 2320	0013 1121	1000 3110	0201 1113	2001 2331	1000 2221	0000 2220	0100 1211
Me	2022 1221	1113 2222	1121 0221	1010 0122	1111 3212	2100 0111	0012 1211	0000 0001
Si	2122 1221	1113 2122	1131 1111	1111 1123	2122 2222	2211 1121	0122 1111	1101 1111
Es	2011 2330	1112 2121	0111 1011	1011 1133	2012 3421	2022 2220	0011 2321	0110 1211
Sl								
RS	3111 2320	1222 1122	0110 1011	1211 1133	2222 3322	2110 2220	0111 1310	0201 1211
Ag	3111 1221	1113 2221	1021 2122	1010 1144	2112 3222	1200 0221	0022 2211	1100 1111
Wi								
Ab	3111 3330	1322 1121	1012 2121	1111 2343	3122 2431	2212 2330	0112 1321	0111 1311
Sr	2222 1321	1232 1112	1121 1001	1221 1123	2233 2323	2221 2211	1121 1210	1111 2112
Ni								
KP								
Ya								
Ch	3121 1221	1122 1122	1121 0033	2111 1144	3222 2232	1210 0222	1021 1112	0110 0121
Za	0001 1120	1101 1110	0000 1000	1011 1122	1111 1221	1100 2220	0001 1110	0000 1100
VD	2122 2220	2123 1121	1010 1011	1012 2133	2123 3322	1221 1121	1111 2211	1011 2111
Eb								
St								
Zy	1122 1120	1223 2121	0120 0011	1122 1233	2233 2321	2221 1220	0021 2200	0011 1110
SF	3212 2341	1132 2231	2113 2322	1131 3354	3222 3532	1132 3331	0023 3421	1113 2321
Tu	3232 1222	1122 1121	2221 1022	2122 2245	3232 2233	2221 1221	1121 2213	0111 1122
Du	2323 3330	2333 3332	2332 1122	2322 2343	3333 2432	2332 3321	1322 2322	2222 2212
Ke	2132 2231	3132 3222	2320 1012	3232 2243	3342 2332	2123 2221	1222 2221	1121 1111
SJ	2121 1210	1112 1010	0010 0122	1111 1133	2222 1221	1110 1110	0020 2211	0101 2010
Ka								
Ho	1122 0100	0112 1111	1110 0111	1122 1133	3221 1211	1110 1111	1011 0111	0100 1110
ZS								
Al								
Hu	1111 2320	0111 2121	0011 1011	1011 2233	2122 2431	1111 2330	0010 2321	0101 2220
Ap	2212 0111	2222 1123	2210 0011	2121 2233	2232 2213	2121 1112	2011 1112	2100 0011
Pi	2120 2110	0012 2100	0011 1002	0230 1044	2220 0322	0220 2020	0001 2002	1202 3121
CT	2111 1210	1112 0110	0002 0111	0122 1123	2231 2210	1122 2210	0022 3210	0011 2110
Wa	2121 1221	1112 2122	1111 1010	1122 1132	1221 2221	1111 1111	0111 1111	0111 1211
To	2111 1132	1113 1000	1220 1002	1222 1123	2222 2112	1211 0111	1211 1000	2221 1011
Am	2122 1110	1112 2011	1010 1002	1001 0022	2222 2101	2110 1000	0111 1000	0100 0000

Obs'y	9	10	11	12	13	14	15	16
Go	2234 4433	3224 4423	2233 4442	2233 3222	1234 3333	3224 5434	4344 5434	4235 5544
Iv	4332 2222	5321 2224	4131 2444	4421 2223	2221 2333	5322 3234	6554 3435	4355 3335
Co	1212 1212	2100 1012	1122 1311	1111 1011	1102 4111	2213 5012	4453 4322	3336 4221
So								
Le	1221 2201	2111 2211	2111 2322	1101 1100	0121 2222	2202 3123	4432 3334	3222 2223
Do	1111 3211	2111 2211	1101 2321	1001 0100	0112 2221	2202 3213	4512 3434	3233 3332
Me	1111 1112	2010 1112	2022 1121	1111 0110	1111 2112	2122 3114	4464 3223	3244 4222
Si	2212 2122	2111 1112	1111 1232	1121 1110	1111 2232	2222 2114	4352 3223	3244 4222
Es	2212 3312	2212 2221	1112 2332	1101 1100	0111 2222	2102 3123	4322 3433	3122 3333
Sl								
RS	1211 2212	2211 2211	1211 2322	1101 1000	0212 2232	2102 4123	4431 3433	3233 3223
Ag	1111 2212	3111 2111	1011 1322	2211 2110	0111 1112	3212 2225	4453 3333	3133 2222
Wi								
Ab	2222 3322	2122 2321	1131 3433	1210 1210	0111 3332	2112 4224	4343 3443	3233 3333
Sr	2322 2313	2222 2112	2222 1322	1222 1212	1113 3122	2223 3124	3333 3333	3334 3122
Ni								
KP								
Ya								
Ch	1221 2223	3111 1122	2111 1222	2211 0210	0111 2222	3112 2125	4442 2334	4232 2233
Za	0011 1200	0000 1101	0001 1111	0100 0000	0002 1121	1201 3213	4222 2422	2222 2222
VD	1122 2312	1113 2112	1111 1321	2102 1100	0013 3231	2112 4113	4333 3433	2233 3222
Eb								
St								
Zy	1311 2302	2112 1111	1321 1311	1111 0100	1113 2122	3112 4113	3333 3332	2133 3122
SF	3232 3311	3112 2221	1033 2433	2120 1210	0232 2233	2112 4224	5333 3433	3131 3333
Tu	2221 2223	2011 1111	2121 1323	2211 1111	0212 2122	3222 3115	4351 2224	4233 3223
Du	2322 2222	3333 2221	2412 3332	2312 2211	1323 2233	3422 2224	3432 3433	3333 3233
Ke	2231 2221	2322 2211	1322 2332	2312 1111	1233 3233	3312 4123	3433 2432	2243 3221
SJ	1221 2211	3000 1211	1111 0210	2110 0100	0110 2122	2102 3123	4431 1222	3122 1122
Ka								
Ho	2221 2111	1010 1010	1111 1210	1001 1010	1101 2122	2101 3113	3332 1222	1113 3021
ZS								
Al								
Hu	1220 3221	2100 2221	1011 2321	2210 1210	0111 2222	2102 4223	3332 3322	3221 3321
Ap	3221 2232	2211 1001	1210 2222	3210 0100	1010 3222	2312 2023	3332 2123	3234 3223
Pi	1221 2021	3100 1001	2012 2422	2111 0010	0202 2223	2121 3104	4442 3314	4120 2022
CT	0001 1210	2211 2111	0021 1332	0111 0010	0012 3331	2111 3213	3233 2323	2021 1322
Wa	1221 2311	1111 1111	1111 2321	1111 1211	0111 2222	1112 3113	3332 3533	1324 3222
To	1221 1311	1011 2001	2111 1321	1201 1201	0101 3111	1102 3002	3332 3423	2134 3121
Am	1121 1211	2001 1001	2121 0212	1111 1100	1101 2102	1101 2003	3342 3323	2134 3112

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1944--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	3334 4433	2325 3422	2234 4333	2343 4333	3443 4533	3544 5634	3343 5533	3434 4433
Iv	4432 2334	4332 2322	4332 2234	4343 2243	4545 3344	4554 3435	5353 3434	5432 1221
Co	1211 3312	2233 2110	2113 2112	3334 2112	3455 2221	3356 3533	2255 4621	1211 3210
So								
Le	3111 1213	2211 1100	0112 2012	2222 2223	2333 2322	3423 3423	2231 2422	2211 2110
Do	3012 2312	2211 2101	1001 1113	2112 0123	3422 3222	2423 3523	2242 2422	2221 2210
Me	1241 2112	2342 2111	2303 2112	2444 1123	3565 1222	3577 2322	2255 2321	2232 2210
Si	2230 2212	2332 2211	2313 2112	2443 1123	3454 2221	3456 2332	2253 2322	2231 2211
Es	1112 2322	2221 2201	1112 2112	2223 2233	3433 3322	3423 3524	2132 3422	2222 2121
Sl								
RS	3111 1313	2211 2101	1111 1102	3232 3233	2533 3222	3433 3523	2242 2423	2221 2210
Ag	2331 1313	1431 2221	2302 1222	3433 2124	3455 2222	3545 2433	2252 3323	3322 1112
Wi								
Ab	3121 2313	2221 2211	1112 1213	3333 3334	3443 3332	3433 4524	2142 3423	3232 2211
Sr	2232 2223	2332 2202	2232 0102	2343 1124	3443 3223	3444 2433	2244 3332	2332 2112
Ni								
KP								
Ya								
Ch	2331 1223	2322 1222	2312 0113	3332 1134	4455 2233	3534 2434	2152 2334	3321 1012
Za	2100 0202	2111 1000	0011 0012	2221 2113	2222 3211	3213 1512	1142 2412	1100 2100
VD	2212 2212	2222 2211	1122 2113	2233 3233	2423 3322	3424 2513	2142 2413	2221 3111
Eb								
St								
Zy	1122 2312	2222 2111	1122 1103	2242 1124	3434 3222	2434 2523	1143 1313	2121 2100
SF	3221 3313	2221 3231	1132 2323	3231 2234	4544 3333	3544 3534	3142 3433	3333 3331
Tu	3331 2313	3332 1122	3322 1213	3333 1223	4555 2333	4444 3433	2253 2433	2221 1112
Du	2332 2223	2323 2212	1333 3324	4545 3333	3435 3533	2352 3423	1323 3321	3322 3321
Ke	2133 2212	2332 2211	1123 2213	3323 2224	3344 4223	3434 2423	2342 2322	2223 3221
SJ	1220 1112	1313 1111	1112 0012	2223 1113	3434 1223	3425 1312	1242 1212	2211 2111
Ka								
Ho	1121 1112	1231 1111	1222 0002	1222 0103	3443 2112	2432 1321	1142 1211	1111 1100
ZS								
Al								
Hu	1221 2312	1311 2211	1111 2211	2231 2223	3432 2332	3321 3532	1131 2421	2211 2221
Ap	3231 1113	2232 1222	3222 0202	3232 1213	3333 2222	2432 1332	2232 2211	2211 1200
Pi	0221 2112	2321 2001	1220 1012	3321 2023	3540 2213	3423 3332	1141 1132	2210 2100
CT	2122 2202	1112 2100	0112 3212	2132 0033	3323 2322	2324 2413	2142 1313	1112 2100
Wa	2221 2323	2322 2221	1222 2213	1232 2223	2333 3222	2433 2523	2243 2323	2222 2211
To	1122 2212	1222 1110	1211 1102	1232 1023	1212 3433	2433 1413	1243 2212	2211 2101
Am	2121 1102	2221 1102	1222 1101	1233 1112	2454 1112	3434 1312	2253 2222	2211 1100

Obs'y	25	26	27	28	29	30
Go	2223 3433	3345 6544	4334 4435	3324 4333	4534 4322	3233 4322
Iv	2111 1332	5343 4545	5334 2345	3223 2233	5553 2232	4344 3213
Co	1200 0111	2223 4632	2225 1212	1223 2012	3433 2121	2236 5111
So						
Le	0111 1220	2212 3345	4312 2322	1112 2212	3431 1211	2121 2212
Do	0110 1221	2213 3444	1213 2322	0012 2211	2521 2211	1022 3202
Me	1210 1121	1333 3333	2235 2112	1333 1103	2432 3110	1124 4101
Si	1210 1221	2333 4432	2234 3222	1222 1112	3433 2211	2224 4211
Es	1111 1320	1223 4444	3313 2332	1112 2212	3422 2311	2122 2212
Sl						
RS	1110 2220	1213 4444	3313 2322	1112 2112	3431 2211	2122 2201
Ag	1110 1221	2333 3334	4433 2213	1223 2213	2431 1211	3123 3202
Wi						
Ab	1112 1331	1213 4444	4323 2322	1213 3312	4422 2311	2132 3312
Sr	3131 0121	3332 3453	3233 2232	2223 1123	3321 2212	2244 3102
Ni						
KP						
Ya						
Ch	2210 0332	2333 3334	4433 1323	1222 2223	2421 1221	3232 2213
Za	0020 2311	2212 4445	2213 1122	1112 1012	4421 2201	2122 1100
VD	0111 1221	1323 5343	2333 2222	2213 2111	3412 2201	1233 2200
Eb						
St						
Zy	0121 1221	3222 4453	2233 1112	1113 1122	2432 1201	2232 1101
SF	2222 2342	2222 4444	3214 3333	2323 3333	4422 1222	2333 3221
Tu	2221 1232	3332 2353	4433 2223	2322 1214	3532 2321	2233 2213
Du	3322 3332	1323 4353	2323 3323	2223 3222	3532 2311	2143 3212
Ke	2231 1222	2232 3344	2334 2222	3333 2222	2433 2212	2443 3101
SJ	0210 0221	1332 2233	3311 0212	1222 1122	2411 1200	2232 2001
Ka						
Ho	1221 1222	2121 2332	1223 0111	1211 1112	2322 1101	1232 2011
ZS						
Al						
Hu	1111 2331	2322 4443	3212 2321	1212 3221	2321 2311	1222 2200
Ap	2111 1122	3211 3333	2323 1221	1222 0112	3432 2311	2232 2112
Pi	0110 2221	3332 3344	4322 2212	1221 2003	3422 2302	2320 2123
CT	0021 1220	1112 3533	2113 2323	1112 2102	3322 1200	2222 3101
Wa	1121 1121	2123 5443	2223 2223	1212 1111	2422 2211	2133 3212
To	1210 0122	3213 5543	2224 1122	0112 1001	2432 2101	1123 3000
Am	1110 1002	3223 4433	2223 1112	1122 0002	2322 2111	1123 3101

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1944

Obs'y	1	2	3	4	5	6	7	8
Go	3234 4332	2444 4433	2234 5433	2222 3332	3223 3432	2223 2334	5434 4332	2234 5333
Iv	5311 2222	4552 1224	3343 2233	4411 1131	4432 2222	3321 1235	5432 2321	1432 2232
Co	2101 1121	1123 2121	1124 2211	1200 0111	2111 0112	1101 0112	3323 3221	1211 2011
So								
Le	2201 2221	2221 1122	1122 2212	2101 1220	2211 1210	1112 1113	3401 2221	0112 1111
Do	3101 2312	0101 3221	1112 2222	2000 0020	1001 2210	0021 1113	4200 2211	0001 1121
Me	2101 1212	2113 2111	0123 2212	2200 0021	1132 1101	1211 0111	3322 2111	0111 1111
Si	2211 1222	2223 2211	1124 2221	2200 0131	2121 1111	1221 1121	3323 2222	2212 2121
Es	3111 3321	2222 2222	1122 2222	2112 1231	2211 2320	1111 2223	3211 2221	1111 1122
Sl								
RS	2111 3221	2211 2111	1212 2111	2101 1020	2221 2210	1121 0113	3211 2212	0211 1121
Ag	3111 2122	2322 2122	0122 2223	3200 0131	3222 2222	2212 2222	4312 2222	0112 1111
Wi								
Ab	3111 3321	2222 2223	1122 2322	3112 1131	2222 1310	1122 3213	3211 1211	0112 2122
Sr	2112 2221	1222 1122	2233 3123	2221 0122	2222 1221	2222 0103	3332 2212	1233 2112
Ni								
KP								
Ya								
Ch	3111 2232	2312 2122	1212 2223	3200 0032	3221 2222	2211 0123	4321 1222	1222 1122
Za	0000 0011	1001 1011	1021 1111	1100 0021	1101 0210	0000 0022	2212 1100	0001 1011
VD	2102 2211	1222 1112	1222 2222	2101 0021	3212 1211	2121 1122	4321 2221	0022 1122
Eb								
St								
Zy	2122 2212	2221 1112	1133 3222	2120 0131	2121 1210	1231 1122	3231 2211	1223 1121
SF	3110 3321	1222 3223	2332 4323	3222 3242	2132 3322	1133 2234	4330 2222	0133 3322
Tu	3211 2222	2322 2222	1123 3323	3210 0032	3121 2222	1222 1122	4422 2222	1212 2222
Du	2213 3221	1232 2222	1332 3222	2322 2231	2223 2221	2233 2222	3321 2322	1234 3133
Ke	2212 2221	3232 2222	1233 3223	3222 1231	1322 1211	2222 2022	2223 3321	2233 3123
SJ	3011 2232	2201 0012	1122 1123	3200 1221	2201 1100	1211 0011	3210 1011	0111 1112
Ka								
Ho	0101 1110	1212 1112	0123 2222	2100 0021	1011 1111	1111 0003	3313 2111	1002 0111
ZS								
Al								
Hu	3110 3211	2201 2222	1111 2322	2200 0131	2100 2210	1211 1111	3211 2221	0211 1121
Ap	1121 1122	2122 1122	2223 3123	3200 0222	3120 0112	2221 1012	5223 2102	1202 0012
Pi	3202 3021	2200 2002	0113 3213	2210 1121	3220 3030	1201 2123	3312 2001	0222 2102
CT	1013 2210	0101 1202	0032 3112	0102 0020	2112 1300	0013 2223	3312 1211	1122 1011
Wa	1111 2211	1212 2121	1122 2222	2211 1110	2111 1321	1111 1222	2211 1211	1111 1111
To	2011 2200	1122 2010	0122 2012	2110 0010	2101 1321	0210 0111	3201 2111	1101 1012
Am	2101 1111	2222 2121	1123 1112	2100 0121	2121 1101	0111 1111	3212 2102	1211 2022

Obs'y	9	10	11	12	13	14	15	16
Go	5345 5432	3234 4443	3233 3332	2223 3332	3234 3333	2234 4432	3234 5332	2234 3343
Iv	5455 2433	4422 2352	4442 1112	3331 1215	5231 1223	4234 2322	4454 3332	4342 3443
Co	1445 4321	2211 1321	2210 2110	1200 1110	3211 1121	1124 0211	2344 4211	2223 4212
So								
Le	3333 2212	2211 2232	2220 0001	0111 1213	3111 1211	1022 2212	3232 3121	1211 2232
Do	4323 3312	2111 2230	1001 2000	1001 1201	1012 2211	0002 2322	2132 3121	1101 3130
Me	1355 3111	2210 1112	1210 0111	1100 0000	2232 0011	1035 0112	1445 4111	1232 2112
Si	1454 3321	2311 1222	2330 2221	1201 0122	3222 2222	1123 1222	2344 4222	2222 3212
Es	3333 3322	2111 2341	2221 1011	1111 1212	2111 2211	1023 2322	3232 3222	1121 2232
Sl								
RS	4333 2221	2121 3232	2222 1000	1112 2212	3111 2111	1123 2322	3232 3121	2112 3242
Ag	3444 2332	3301 2332	3321 1121	1111 1222	2331 1122	1023 1223	3343 2222	1232 2222
Wi								
Ab	3342 3321	2111 3341	1211 1211	1112 2313	3122 2221	1123 2322	3232 3232	1222 3343
Sr	2344 3212	2322 2332	1222 2101	0212 1212	2122 1022	1123 1113	2333 3022	2221 3232
Ni								
KP								
Ya								
Ch	4343 2233	3301 2232	3311 0112	2211 1122	2231 1133	1123 1223	3342 2123	1221 2233
Za	0222 2221	0100 2100	0010 0000	0000 0301	2111 2021	1013 1212	2112 3021	1001 2231
VD	2333 3312	1101 2220	1101 2220	1211 1311	3212 2211	2122 2212	2233 2331	2222 3232
Eb								
St								
Zy	2343 2311	1212 2221	1212 1000	1112 1210	1121 1111	1133 1221	1333 3132	1131 3232
SF	4442 3322	3121 2341	2212 1221	1223 1313	4222 3322	2213 2322	3333 2232	1123 3343
Tu	2443 2222	3312 2233	2321 0112	2212 1112	2231 1222	2123 2234	2342 2232	1231 2222
Du	2433 3322	2222 3231	2212 1222	2322 3212	2122 2221	2224 2332	2222 3222	1222 3242
Ke	2433 2211	2322 2221	2232 2221	3222 2211	2222 2221	2023 2221	3433 3131	0223 3232
SJ	3233 1122	3100 1121	2310 0011	1201 0311	1121 1111	1122 0121	2232 1022	0120 1221
Ka								
Ho	1233 1122	2001 1111	0011 0011	1102 1000	1121 1111	1013 0121	2221 1111	0120 2211
ZS								
Al								
Hu	2232 2321	2100 3321	2311 2111	1101 2210	1120 2221	1012 2321	2231 3221	0121 3321
Ap	2433 2122	3202 1132	2211 1022	2111 0022	1222 0111	1232 2222	3232 1222	2230 3120
Pi	3340 3102	3011 3231	3311 0121	1211 1132	2100 1122	1111 3023	2330 2112	0111 3222
CT	3322 3111	2112 2331	1202 0120	0112 1212	1122 2011	1013 1211	2222 3221	0202 2232
Wa	2333 2322	2111 1231	1211 2111	2211 1311	2121 1111	1123 1121	1123 3122	1222 3233
To	2333 2211	1101 1221	2211 2012	1212 0210	2321 1010	1023 0101	1233 3121	1211 3121
Am	2333 1111	2211 1222	2221 2112	1211 1212	1221 1112	1124 1112	2233 3112	1221 3122

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1944--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	2535 4433	2233 3344	3223 5423	3345 5423	2244 5433	2233 4432	3233 3332	2222 3423
Iv	2663 2232	4331 1345	4332 3225	5445 3433	3244 2344	4232 2333	3232 2221	3221 1223
Co	2454 3312	2101 2222	2212 5111	2347 4121	2235 4222	1133 1221	1223 2211	0010 0011
So								
Le	1322 2111	1111 1223	3222 3212	2232 3122	1212 2222	2111 1222	2112 2201	1010 1011
Do	1111 2221	1200 1232	2013 4312	1223 3021	1212 3222	1111 1231	0000 1120	0000 0000
Me	2552 1111	1200 1121	2113 3111	1246 3112	1245 4123	0242 1110	0043 1010	1110 0000
Si	2443 2222	2221 1122	2212 3112	2336 3112	2244 4233	1242 1222	1132 1211	1110 1011
Es	1222 2121	1121 1123	2222 3221	2232 3111	1222 2222	2112 2222	2112 2211	0011 1111
Sl								
RS	1322 2121	1211 1133	3223 3213	2332 3122	1222 2222	2222 2332	2111 2200	0001 0111
Ag	1442 2221	2211 1123	2222 2222	4335 3212	1233 3233	1243 2222	1033 1221	0010 1011
Wi								
Ab	1323 3221	1111 1233	3223 3322	3333 3112	2223 3323	2122 2232	1122 2211	0111 1111
Sr	1332 2122	2211 1123	3323 3212	2345 2012	3333 4223	2132 1332	2233 2300	2111 1032
Ni								
KP								
Ya								
Ch	1432 2231	2201 0033	2222 3222	3334 2112	2333 2233	2233 1222	2133 0211	0020 0012
Za	1122 2110	1011 1221	2133 1111	2122 2011	1111 3132	1121 1321	0110 0010	0000 0010
VD	2332 2221	2112 1132	2113 4222	2243 3232	1123 3233	1122 2332	2022 2211	0121 1012
Eb								
St								
Zy	3332 2121	1111 1132	2224 4212	1154 3122	3233 4222	2232 1321	1232 1210	0011 1000
SF	2332 3232	2211 3333	3122 3433	3233 3222	3232 4233	3132 1122	1133 1202	0110 1201
Tu	2432 1222	2211 1134	4232 3223	2245 2112	1333 3222	2342 2233	2133 1111	1020 1012
Du	2332 3232	2322 3232	3323 4322	2354 3232	3423 4222	2333 2332	1322 2121	1321 3111
Ke	3332 2221	1112 2222	2223 3222	1253 3222	3333 4323	2222 2332	2122 1221	1132 2220
SJ	0221 0211	2200 0122	1222 2212	3323 2101	1222 0211	1230 2111	1021 0100	0010 1001
Ka								
Ho	1221 1111	0100 0010	2222 3112	2135 2111	1122 2211	1132 1121	1022 0000	0010 0001
ZS								
Al								
Hu	1211 2221	1100 1222	2112 3322	3233 3212	1212 2321	1221 2221	1010 2210	0010 1100
Ap	2532 1022	2101 0123	3232 3032	3255 2123	1233 3102	2132 0132	3222 1012	2001 0011
Pi	2321 1102	2202 0103	3212 3002	3333 3111	1210 2112	2221 2102	0120 2010	0010 1212
CT	1221 2211	1110 1332	1123 3202	2242 2211	2122 4322	1120 3212	1112 1110	0021 2311
Wa	1332 2232	1111 1131	2123 3211	1234 3111	1223 3232	1222 1331	1122 1211	1111 0111
To	1332 1110	2101 1033	3123 3111	2345 3110	2222 3122	2221 1231	1223 2211	1010 0011
Am	2432 2220	1121 1122	3222 3112	1245 3112	1123 3112	2132 1122	1233 1112	0110 0121

Obs'y	25	26	27	28	29	30	31
Go	2233 3312	2233 3322	1122 3332	2222 3333	2123 3433	3334 4432	3334 3333
Iv	3431 1122	3321 1123	2111 2223	3211 2333	2123 3334	4332 2233	4442 1234
Co	1100 0011	1103 1110	1000 2221	0100 0011	2111 0111	0113 3110	2213 3011
So							
Le	0211 1010	0011 1121	0000 2222	1011 2112	1111 1222	1212 2222	2212 2123
Do	0000 1000	0000 2100	0000 1212	0001 0112	0001 0112	0112 3202	2212 3113
Me	0100 1010	0101 0000	0010 1100	0000 0012	1102 0111	0022 1112	2222 1111
Si	2010 1111	1101 1100	0010 1111	1000 1112	2112 1212	1122 1112	2221 2111
Es	1211 1100	0112 2211	0011 2222	1111 2223	2111 1222	2112 2211	2212 2122
Sl							
RS	1102 1000	0112 1111	0001 1212	1011 1213	2111 1121	2212 2122	2312 2122
Ag	1210 1111	1100 1121	0000 1211	1000 2323	2102 2222	2211 2212	3212 2122
Wi							
Ab	1111 1200	1112 2211	0112 2322	1101 2323	2111 2232	2212 3312	3323 2122
Sr	1211 1001	2213 2111	2001 1213	2111 1112	2223 1122	1222 2212	2233 2022
Ni							
KP							
Ya							
Ch	1200 1101	1211 0011	0010 1121	1000 1223	2101 1123	2222 2112	3222 1123
Za	0010 1000	1110 1000	0001 1221	1001 0013	1012 1111	1102 2011	1112 1112
VD	1221 2010	1123 2111	1021 2321	1101 1123	2223 3122	1222 2121	2213 3123
Eb							
St							
Zy	1101 1100	1213 1101	1110 1221	1101 0112	2223 1122	1232 2112	1133 3112
SF	0213 3100	2122 2222	0012 2422	1201 2323	3233 5232	2311 2323	2334 2222
Tu	1200 1001	1212 0121	1020 1221	0001 0023	2212 1213	2222 2212	2322 2123
Du	0222 2100	1323 1211	2201 1332	1112 1222	2123 3232	1112 2122	2133 3212
Ke	1243 2201	2223 2211	2133 2322	1123 2222	2222 3232	3322 2222	1333 3212
SJ	0101 1000	1112 0000	0001 0221	0000 0122	2101 1111	1111 1102	2222 1111
Ka							
Ho	1000 0100	0112 1011	0010 1212	1001 0022	1102 1112	1011 0102	1122 1001
ZS							
Al							
Hu	0000 1110	0112 2200	0000 2320	0000 2221	2101 2220	1110 2201	2112 3211
Ap	2120 0021	1122 2021	1200 2322	2200 0322	1122 2212	1322 0012	2222 1121
Pi	0020 2012	1102 1122	0010 1032	0101 2114	2103 3102	2112 2102	2111 2012
CT	0002 2110	1002 1210	0010 1231	1011 0212	1103 1222	1122 2100	1122 1122
Wa	1121 1111	2222 2111	0111 2211	1101 1212	1112 2122	1222 1112	1323 2222
To	2110 0000	1122 1001	2000 2211	1100 0112	2112 1001	1223 2002	2222 2011
Am	2120 1011	1112 1012	0001 1112	1110 0112	2112 1011	0222 1112	2223 2012

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1944

Obs'y.	1	2	3	4	5	6	7	8
Go	3334 4322	1333 5554	6644 5333	3233 4332	2234 4433	3334 5433	3224 4322	2234 4433
Iv	4334 3232	2442 3355	6656 2344	5322 3223	4332 2343	4544 3223	4322 2224	3222 2343
Co	2335 6200	1201 2222	5566 4223	2122 4221	1112 1212	3244 2211	2101 2211	1202 2422
So								
Le	1211 3110	0122 3447	8544 3233	3111 1211	1102 2223	2222 2222	2211 2212	1101 2332
Do	1202 4110	0111 3457	8963 3234	3012 2111	1002 2214	1102 3220	1002 3212	0102 2331
Me	1244 4212	2343 3235	6866 5213	4032 3312	1203 1222	3455 2212	2211 2111	0123 1322
Si	2344 4211	1222 2223	7776 5223	2132 2121	1102 1123	2243 1122	2111 1211	1103 1322
Es	2211 3110	1122 3445	5533 3233	3111 2211	1102 2323	2211 2321	2112 2212	1112 2331
Sl								
RS	2222 3110	1212 3534	5543 4143	3211 2121	1012 2234	2221 2211	2101 2201	0102 2342
Ag	3233 1121	1221 3235	7776 3124	4111 3121	1101 1223	3333 2221	4211 2222	1012 1232
Wi								
Ab	2222 3210	1213 4544	5543 4233	3111 3121	1122 2223	2332 2322	2202 3312	0212 3442
Sr	1334 4121	1322 3333	5555 5122	3222 3112	3122 1223	2333 2222	2212 3111	1222 2333
Ni								
KP								
Ya	1333 4122	2323 4343	5654 4222	2232 2112	2132 2222	2333 2322	1222 3112	1332 2323
Ch	3232 3222	2322 3335	7766 2133	4111 1221	2101 1223	3233 2222	3211 2122	2112 1232
Za	1122 1000	0122 3444	4215 4232	1001 2100	0000 1112	1002 2211	1002 2100	0103 1241
VD	1223 4111	0212 4444	5524 4233	2102 2121	0102 2223	2223 3121	2112 3111	1102 2231
Eb								
St								
Zy	1222 4110	2313 4434	6545 4133	1212 3110	1122 2113	2233 1221	2212 2212	1113 1332
SF	2223 3311	1112 5445	6654 3333	3122 2221	1220 2223	2332 1331	2222 2321	1223 3342
Tu	2333 2122	3323 3445	6666 3223	3121 2312	2202 2233	3333 2221	3211 1212	1223 2322
Du	2233 4221	2323 4444	4534 5243	2112 2222	1113 2224	2234 2222	1223 2222	1223 2342
Ke	2224 3121	2323 4434	4455 5233	2332 2112	1232 2113	2353 1321	3333 1210	2233 2332
SJ	2222 1010	2322 3334	5544 2122	3001 1111	0101 1112	2221 1110	0101 0011	1112 1232
Ka								
Ho	0222 1100	2202 3234	6455 3111	1010 2010	1102 1112	2221 1111	1101 1111	0111 1212
ZS								
Al								
Hu	2221 2120	1223 4542	4442 3222	2102 2221	0100 2212	2211 2321	2101 2211	1111 2321
Ap	0223 2010	2312 3235	6455 4221	1222 2111	2102 1103	4331 1123	4111 0032	3211 1222
Pi	3220 2000	1322 4345	5542 3133	3122 1001	1101 2043	2220 2000	2203 3020	1112 2132
CT	2031 3110	1123 3344	5544 2122	1022 2211	1012 2323	1223 1311	1102 2101	0002 1331
Wa	1213 4111	2222 3333	5555 5232	2111 3211	1112 1223	2232 1211	1111 3211	1111 1422
To	0233 4010	2222 3233	5555 4112	2212 3110	1222 1203	2332 2200	1201 3200	0112 2310
Am	3324 3001	2221 2112	6455 4021	2112 2111	1102 2122	3233 1211	2111 3212	3112 1212

Obs'y.	9	10	11	12	13	14	15	16
Go	3333 3333	3244 5432	5533 4435	5544 4423	3244 3333	2123 3333	2234 4332	2223 4533
Iv	5341 1225	3354 5432	---- ----	---- ----	---- ----	2123 1233	3332 2222	2312 2324
Co	2210 1111	2346 4421	2220 1122	4423 5211	2233 1010	1000 1021	2214 4111	1113 4411
So								
Le	2221 1212	1131 2212	3321 2234	3422 2213	3221 1221	0001 2233	2221 2110	0112 2213
Do	1022 1211	1032 3320	4111 2223	4412 3203	3011 1121	0001 2132	1111 3110	1101 2210
Me	1211 1211	1355 2223	5441 2123	5533 2321	4041 1221	1000 1221	2433 2222	1122 3211
Si	2311 1111	2254 2322	3331 1123	4422 2211	2132 1111	1100 1121	2213 2122	1123 2212
Es	2122 2321	2232 3322	3221 2224	3322 3313	2122 2221	1112 3233	2121 2211	1102 2223
Sl								
RS	2221 2221	1133 3322	4321 1134	4322 3213	3122 2230	1001 2133	2221 2111	1012 3312
Ag	3310 1122	1243 2211	5322 2124	4432 2312	4033 1121	1000 2231	1212 1122	1211 1312
Wi								
Ab	2113 3321	2233 3322	3222 2234	3422 3323	3033 3121	1013 3233	2231 2211	1122 3323
Sr	2221 1212	3234 3322	2321 2123	3332 2112	3222 1021	1101 2122	1223 2122	1212 2213
Ni								
KP								
Ya	3322 1313	2234 3213	2321 1223	4433 3223	2132 2121	1122 2132	2333 2121	1222 3323
Ch	3321 1222	2243 2222	4321 1134	4332 2222	3132 1122	1101 2232	2322 1012	1211 1223
Za	1102 1211	1132 2111	2111 1114	4222 2112	2100 0000	0001 1123	1111 1010	0000 1113
VD	2102 2221	2233 3221	3321 2123	3333 3222	2222 3121	2012 3233	2322 3221	2111 2212
Eb								
St								
Zy	2111 1321	2344 3211	2331 2122	4432 2212	2131 1021	1121 3232	1233 2121	0013 2313
SF	3233 2222	3344 3413	4332 2114	5432 3323	3110 2110	1033 3333	3432 1222	2103 3123
Tu	3311 1232	3344 3222	4321 2123	5422 2223	3132 1121	1101 2233	2322 2222	2111 2223
Du	2112 2231	3333 3321	3333 3232	3322 3212	1322 2131	2232 3233	2233 2221	1333 3322
Ke	3221 1222	3343 2221	2332 3223	3333 3222	2231 1121	1232 3232	3433 3222	2213 2323
SJ	2211 1221	2232 1111	3320 1113	4422 1111	3020 0010	1101 1121	2321 0011	1101 2112
Ka								
Ho	2110 0211	1223 1111	2110 1112	3222 1101	2011 0010	0001 1221	1222 1101	1101 1112
ZS								
Al								
Hu	2211 2321	2232 3331	3220 2222	4311 3321	3020 2220	1001 3332	2221 2221	1101 3222
Ap	2111 0101	2433 2112	3211 1122	4222 1113	2231 0122	1100 1222	3323 1123	2313 2212
Pi	2200 2231	2330 3232	4320 2113	4410 2103	3021 1100	0010 3033	3321 1102	1011 2103
CT	2112 1121	2323 2112	3233 2213	3332 2113	2001 3110	1011 2133	2323 1211	1122 1112
Wa	2211 1321	2333 3331	3221 2222	4332 2111	2111 1121	1011 1132	2223 2121	1112 2212
To	2200 1212	2233 3210	3320 1011	4432 3103	3221 1010	1010 1122	1223 2220	1213 2202
Am	2111 1111	2233 2212	3320 1023	3332 2112	3222 1111	2111 1022	2223 2121	2112 2211

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1944--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	3222 3332	3245 5442	3433 4322	4223 3321	2233 3323	2323 3323	3333 4433	3344 5432
Iv	5412 1122	5456 2443	4552 2223	4232 2222	4311 1223	4332 2224	6365 2434	4444 3323
Co	2200 0110	2275 4331	2353 3321	1123 4011	0103 1110	0014 3101	2235 6421	1444 6411
So								
Le	3300 1111	2243 2332	4221 1101	3101 2102	1000 1021	2201 1103	4221 2222	2222 3312
Do	2102 1210	2014 3322	4202 1110	3000 2112	0000 1121	2002 1103	4211 3121	2223 3312
Me	3230 1211	3376 3231	3453 2211	2322 3221	2212 1112	1424 2111	3265 6321	1655 6322
Si	2220 0111	2276 3222	2343 2211	1222 3110	1102 1221	1324 3112	2233 5222	1454 5321
Es	3212 1221	2143 2232	3221 1111	3211 2112	2111 0121	2211 0102	4221 2122	3332 3311
Sl								
RS	3211 0110	2253 3442	4211 1111	3000 2011	2110 0131	2101 0103	4231 2221	2222 3311
Ag	3311 1111	4364 4232	3432 2112	2110 1112	3101 0011	1213 1102	4243 3232	2344 4211
Wi								
Ab	3212 2121	3353 3333	3231 1312	3121 2112	1121 1121	2212 1103	4232 3122	3432 4311
Sr	2221 1011	2255 3342	2342 2111	2222 3011	1122 1221	2212 3112	3333 3222	2233 4311
Ni								
KF								
Ya	3221 1111	2355 3331	2232 3121	1222 3100	1222 1110	1222 3111	3333 4322	2233 4311
Cn	3211 0022	4264 3132	3331 0113	2211 1122	3101 0111	1213 1113	4343 2133	3344 3312
Za	2200 0000	1144 3332	3211 1000	2000 0000	0000 0010	0000 1001	3211 1121	1212 4211
VD	3101 1021	1244 3432	3321 2211	2121 2101	1211 0120	0102 2012	3123 2222	2323 4311
Eb								
St								
Zy	2221 1000	2365 3342	2322 3100	3222 2110	1221 1110	1112 2102	3332 3222	1133 3321
SF	3321 3211	3464 3332	4321 3211	3121 3200	2123 1021	2303 1112	5243 2223	4431 3321
Tu	3221 0112	3264 2232	3432 1113	2221 2111	2112 1111	1313 1113	3342 4122	3343 3322
Du	3323 2122	2354 4232	3122 2312	2332 1122	1122 1231	1222 2113	3323 3233	3432 4422
Ke	4232 2121	1264 4442	4333 3211	2232 3110	2223 2221	2133 2102	4343 3232	3244 3322
SJ	3211 0012	3243 2121	2311 0011	1110 0011	2000 0011	1203 0002	3222 1002	2232 2211
Ka								
Ho	0100 0012	2144 2111	2230 0001	2000 1100	0001 0000	0001 0000	2222 3111	1233 3111
ZS								
Al								
Hu	3110 2211	2243 3232	2211 1111	2111 2110	2000 1110	1201 1211	2322 2221	2222 4421
Ap	3210 0013	2154 2131	4442 1232	3221 1030	3211 2100	2121 2112	2342 3313	3233 3221
Pi	3112 3301	3352 3313	2330 1022	2211 2000	2100 1120	1200 3023	3321 2132	2322 4222
CT	2112 1000	3353 3221	3112 1101	1012 1101	1000 1011	1022 1001	4223 1323	3332 4311
Wa	1111 1011	1255 3332	2332 2211	1112 2111	1111 1121	1112 3112	2323 3322	1234 3421
To	1220 1002	2254 3330	1332 1101	1111 2001	1101 1111	1102 2001	3333 3211	1334 3301
Am	1210 1001	3254 2221	2342 2102	2222 1011	2112 1111	1122 2001	3233 3211	2333 4200

Obs'y	25	26	27	28	29	30	31
Go	2234 3432	1223 4432	3232 2332	3256 6444	2124 4332	5334 4333	3334 4435
Iv	3411 2221	3311 1235	4431 1243	4365 3343	4322 2235	6432 2334	5453 2435
Co	0000 2211	0000 1211	2320 1011	2446 6331	1010 1110	1224 4111	3456 3411
So							
Le	1101 0200	0010 1223	2100 1222	2242 3233	1012 2111	3222 2121	3333 2333
Do	0000 2230	0000 2233	2101 1221	1143 4343	1002 2211	3122 1132	3424 2323
Me	0100 1211	1010 1322	2241 1122	2376 5333	1011 1221	2442 3232	3565 2332
Si	0111 1211	1000 1221	2240 1122	2354 4322	1001 1111	1332 3222	2454 2321
Es	1100 1210	1111 1223	2110 1232	2243 4333	1112 2211	3222 2232	3333 2333
Sl							
RS	0200 0110	0100 1133	3110 1132	2143 4343	1002 3211	3212 2231	3434 1433
Ag	1301 2010	1100 2312	2230 2232	1453 3332	0001 2323	4313 2223	3353 1322
Wi							
Ab	1121 1210	1101 2223	3121 1242	2254 4334	2112 3321	3223 3332	3334 2333
Sr	1111 2211	0200 2222	2330 1132	2244 4223	1111 2201	1322 3232	3334 2423
Ni							
KF							
Ya	0121 2211	1210 2321	2231 1131	2244 3322	2122 2111	2232 3132	3344 2423
Cn	0301 0111	1100 1123	2220 1143	2353 3333	1001 2122	3422 1233	3343 1322
Za	0000 0110	0000 0214	2110 0021	1154 4322	1111 1201	2111 1021	2124 1542
VD	0100 1111	0112 2223	2220 2132	1244 4333	0022 3211	2113 2231	2234 1432
Eb							
St							
Zy	1011 1110	0111 2223	2220 1132	2343 4332	1121 1110	2111 3221	2344 1432
SF	2322 1210	1121 2223	3101 2143	2154 4334	2233 3222	4132 2132	4333 3434
Tu	0201 1211	0111 1222	3330 0132	2453 4323	1101 1122	2332 2223	3453 1323
Du	1132 2222	1222 2233	2232 2232	2354 4243	2132 3311	3234 2232	3344 1333
Ke	0131 2212	1222 3333	2431 2232	2454 4343	2212 2221	2333 3231	2344 2432
SJ	0100 0010	0000 0112	2110 0032	1253 3212	1000 1111	2322 0111	2333 0312
Ka							
Ho	0000 0000	0000 0121	1210 1021	1344 2221	1001 0100	1321 2101	2233 0201
ZS							
Al							
Hu	0100 1210	0000 2221	2110 2231	1242 4432	1001 2221	2221 2331	2332 2421
Ap	2221 1003	3200 0111	2320 1021	3454 2222	2201 1221	4221 2232	4323 1211
Pi	0201 1201	0020 2303	1232 0232	0243 3332	0122 2202	3232 2221	3431 2333
CT	0121 0010	0021 1222	1131 2122	2355 3333	1122 3111	3122 2113	3133 1333
Wa	1101 1211	1111 0222	2321 1132	2345 4333	1111 1211	2322 3132	3333 2432
To	0201 0100	1211 1221	2320 1022	2244 4323	1121 1201	2232 3122	3433 1323
Am	1111 1111	2100 0111	2320 1022	2344 4323	1011 1112	2321 3121	3343 2322

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1944

Obs'y	1	2	3	4	5	6	7	8
Go	5334 5333	6445 5436	4244 3432	3213 3333	5214 3322	2113 3433	2343 3321	2223 3423
Iv	6334 3222	6565 4445	5344 2221	5311 2244	4332 2212	4212 2323	3554 2221	3322 4345
Co	2224 4111	3667 5332	2135 2211	2001 1122	2212 3100	0101 1211	1235 0000	1115 5522
So								
Le	4322 3213	4332 3343	3222 2210	2102 2134	4102 1101	1002 2212	1221 1100	0120 2234
Do	5113 4113	5332 3443	3103 2211	2002 2233	4002 1201	1003 2221	1221 2200	0101 2243
Me	4123 3212	4677 5333	2153 1111	1101 1322	4222 1211	0000 1212	1243 1111	0034 4312
Si	4223 3222	3555 5332	2143 1112	2101 1222	2222 3100	1112 1222	1233 1110	0134 3322
Es	3123 3213	5333 3333	2123 2211	2112 2233	3112 1201	1002 1322	1222 1110	1112 2234
Sl								
RS	4123 3113	4433 3443	2133 1211	2102 2144	3122 2101	1002 2222	1221 0110	0111 2244
Ag	5112 3121	4565 3233	4252 2221	2201 2333	3221 2221	1102 2222	1333 2321	1112 2223
Wi								
Ab	4113 3214	5433 3443	3133 3321	2112 3244	3121 2201	1113 2323	1232 1111	1112 2344
Sr	3323 3112	4443 3233	3333 1101	2222 1133	2322 2201	1102 2222	2323 0111	2223 3132
Ni								
KP								
Ya	4223 3233	3343 2333	3333 1332	3311 0243	3322 2233	2333 1232	2213 1332	1323 3233
Ch	5222 3112	5554 2333	3142 1121	2201 1133	3221 0111	1102 1222	2322 1111	1122 2123
Za	1111 3212	4344 4344	2223 2110	2101 0134	3111 1100	0001 0111	1111 0000	0023 3224
VD	3222 3211	1344 4433	2132 3111	2112 2133	3211 1101	0022 2332	2221 0121	0113 3233
Eb								
St								
Zy	1323 3221	4443 4333	1112 3100	0001 1032	3200 1000	0002 0122	0222 0001	2132 2222
SF	3123 3003	5533 4244	3133 3312	3113 2344	4222 3321	2122 1223	1242 3120	1132 2334
Tu	4322 3113	4554 3233	4142 2211	2201 1122	4222 2101	1103 1132	2333 2111	1132 2233
Du	3333 3222	3333 3333	3222 3221	3222 2233	3222 1212	2223 2222	2222 1110	1122 2333
Ke	3324 2322	4355 3432	3233 2221	2322 2234	4322 2221	1223 2222	1132 1210	1234 2443
SJ	4221 1103	3443 1222	2031 0000	1100 0012	1201 0001	1102 0122	1322 0100	0122 1011
Ka								
Ho	3121 2122	3444 2211	2121 0000	1101 0122	2101 1101	0002 0222	1233 0000	1012 2011
ZS								
Al								
Hu	4211 3221	3332 2322	2011 2311	1102 2332	1201 2200	1003 2321	1221 2210	0111 2220
Ap	3221 2324	4444 2224	3213 0011	2221 1123	3211 2123	3203 1222	1333 1110	2132 2332
Pi	4312 1003	3432 2212	3112 2212	1223 2343	4202 2230	1014 3313	1310 1002	0220 0143
CT	4122 2102	4344 3233	1123 1110	2122 1143	4223 1121	1123 1311	1144 2210	1113 2333
Wa	3223 3211	3444 3333	2233 2111	2111 1132	3222 2112	1112 1122	2323 1111	1112 2232
To	4223 4112	3443 3323	3132 0100	2111 0122	3212 2200	1112 1111	1333 1110	1223 2223
Am	4223 4112	3544 3333	3133 1112	1121 1022	3311 2122	3112 1112	2334 1112	2223 3222

Obs'y	9	10	11	12	13	14	15	16
Go	3223 3322	2224 4233	3223 4335	3334 4323	3113 3423	4333 4422	2222 4431	2222 3322
Iv	5312 2232	4333 2233	4233 2225	5543 3234	5211 2325	5443 2322	3332 1111	4441 2222
Co	1101 1020	2133 2221	1122 2002	2235 4101	1002 2211	1212 4310	1114 0000	0110 1300
So								
Le	3101 1132	1111 1222	2222 2123	2222 2213	2001 1223	3221 3221	1212 1000	0112 2200
Do	2111 1032	0101 1222	2202 2113	2213 2212	1001 2323	3322 3310	0101 1000	0200 2200
Me	1201 1112	1143 1112	1141 1122	2244 4222	1001 1212	1321 1211	0323 0000	0131 1101
Si	1211 1021	2133 1222	2132 1112	2344 4211	1002 1222	1321 2221	1323 0001	1121 1211
Es	2101 1122	1221 2222	2222 3214	2123 2223	2002 2323	3322 3321	1112 2100	0111 2211
Sl								
RS	3111 0031	1221 1223	1231 2123	2223 2123	2001 1323	3322 3221	1112 1000	0121 1210
Ag	3311 2112	3232 2233	2131 2223	3443 2211	2001 2124	4321 3221	2321 2222	0221 2312
Wi								
Ab	3111 1122	1221 1333	2213 3214	2133 2113	2001 1333	3332 3331	1223 1001	0211 2210
Sr	3201 1111	1232 2333	2232 3122	2333 3122	2211 1223	3311 2331	3322 1001	2110 2301
Ni								
KP								
Ya	3322 1232	1332 1333	2332 2132	2333 3232	2002 2332	2312 3322	2212 1022	1321 1232
Ch	3201 1122	2232 1233	2222 1123	3333 2112	2001 2234	4421 2222	2322 1011	1221 1112
Za	2100 0121	1211 1142	1211 1114	1122 2111	1000 1211	2221 4410	0101 0100	0000 0000
VD	2132 2121	1132 2233	1021 1113	0123 3121	0001 1322	1212 3320	0000 1000	0010 2301
Eb								
St								
Zy	2110 0010	1120 0323	1121 2013	2212 3021	0000 0313	1200 2320	1211 0000	0000 1300
SF	3222 2122	3222 3333	2221 1124	3223 3113	2112 2133	4432 3432	2212 1111	1220 1200
Tu	2211 1112	1232 2223	2232 2223	3334 3122	2002 2244	3322 2322	2322 1001	1220 1212
Du	2121 1122	1121 2333	2121 2223	1233 3122	0122 2232	3332 3321	1222 2001	0121 1212
Ke	2323 1121	1333 2333	3323 2223	2224 3232	1223 2332	2323 3332	1222 1111	2233 2221
SJ	1100 0011	2121 1112	2110 0022	2112 1001	1002 0222	3312 1111	2311 1001	1110 0101
Ka								
Ho	1101 0011	1131 0122	1111 1022	1123 3000	0001 0122	1211 1101	1111 0001	1120 1200
ZS								
Al								
Hu	1102 2221	2210 2322	2112 3322	2211 3211	1001 2332	3312 3422	2210 1111	0110 2211
Ap	3111 1023	1231 1323	1221 1222	2233 2121	2212 1224	2222 2223	3122 1123	2220 1122
Pi	1200 2022	2211 2103	2202 2002	3310 2200	1003 2303	3312 1421	2302 0120	2120 2210
CT	2132 2011	1121 1332	2021 3113	1223 2112	2132 2122	3232 3321	1111 1001	1210 1210
Wa	1322 1121	1122 2333	2121 2212	2123 3121	1011 1322	2222 3221	2212 2101	1211 1211
To	2302 1011	2132 2322	2221 2012	0323 4100	1211 1322	2322 3320	2222 1100	2221 2310
Am	2211 1012	1132 1222	2121 1122	2233 3011	2012 2113	2321 3321	2222 1002	2220 1211

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1944--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	1222 4331	3333 4232	2122 3221	1113 3334	5435 4333	4223 3335	3223 3233	5334 4334
Iv	3321 2222	5443 2233	3221 2111	2221 2325	7544 3336	5322 2246	3332 1233	6255 4245
Co	1002 1100	2433 3110	0011 0100	0003 3202	4234 4202	2001 2112	1125 1022	4235 6322
So								
Le	0001 2211	3212 2121	1001 2000	0001 2224	5522 2223	3112 1145	4312 1136	5333 3234
Do	0001 2210	3201 1011	0000 3000	0000 2226	6512 2233	3012 2145	3202 1226	6223 4133
Me	0003 1101	3443 1011	1011 1110	0021 2113	5355 3112	0210 1113	2342 1023	6466 5212
Si	1102 1112	3442 3221	1022 1110	0022 3223	4343 3122	2211 1122	2233 1123	5366 5322
Es	1011 2311	3221 2121	1001 2000	1011 2234	5233 2222	2112 2244	4212 2234	4234 4134
Sl								
RS	1011 2201	3222 2121	1100 2000	0010 2225	5433 2232	3112 1144	3312 1135	4233 4133
Ag	1202 2211	3442 2231	1111 1111	0011 1235	6333 2223	3311 2214	3431 1334	6355 3123
Wi								
Ab	0111 3311	3332 2121	0011 3000	0011 2334	5333 3322	3112 2245	4312 2344	5344 4134
Sr	2211 2212	3321 3122	2310 2011	2121 2224	4333 2222	2112 3333	2223 2133	4345 4223
Ni								
KP								
Ya	2322 2322	3231 3132	2112 1232	1312 3334	4443 3333	2212 2332	3322 1244	4354 4232
Ch	1112 2112	3331 1121	0011 1120	0011 1135	6433 2123	3211 2224	3332 1234	5355 3133
Za	0000 1100	3210 1121	0010 0000	0000 1014	4423 1232	2111 1144	2111 1144	5244 5144
VD	0001 2211	3300 2121	0000 1100	0101 2233	4323 2232	2002 1233	2112 1244	5334 5234
Eb								
St								
Zy	0012 1210	3121 1030	1100 0000	0000 1234	4333 2231	1101 1234	0013 0124	4344 4224
SF	1112 3321	3332 1221	1122 2210	1121 2245	5534 2233	3122 2345	3322 2355	5344 5235
Tu	1112 2222	4332 2110	0111 1011	0121 2245	5433 2122	2201 2324	3332 1244	5455 3333
Du	1111 2212	2222 2121	0111 1010	0111 1233	3123 2122	2112 2334	3112 2234	4244 4123
Ke	1212 2311	3222 2221	1223 1110	0323 2343	4443 2231	2303 2333	3211 2345	4254 3223
SJ	1102 1211	3320 0000	0000 0110	0000 1335	4223 2112	2101 1223	3320 1235	3344 3222
Ka								
Ho	0001 1211	2221 2000	1101 0100	0111 2234	4333 0011	2101 2111	1121 0234	4244 2123
ZS								
Al								
Hu	1001 2320	3220 2220	0011 3110	0100 2344	4122 2321	1101 3322	2321 2322	2222 4233
Ap	2111 1333	4222 2123	2111 2132	3011 1345	5433 1222	2111 1224	2223 2335	4144 2223
Pi	1100 1232	4320 0020	1111 3311	0110 2336	5232 1222	2102 1334	3313 3055	4322 3333
CT	0021 1211	2211 2121	0032 1011	0120 1234	4433 2121	2222 2234	2122 1244	5234 5334
Wa	1111 1212	2321 2121	1111 1011	1212 3234	5233 2232	2222 2223	3332 1223	4444 4223
To	1212 1211	3322 2121	3211 1010	2212 2334	4333 2222	3211 2212	1223 1234	4244 4223
Am	2212 1202	3321 2112	2201 1011	1211 2224	4333 3211	1211 1112	2222 1233	4244 3223

Obs'y	25	26	27	28	29	30
Go	3233 4333	5224 4433	2234 4343	2234 4422	2444 3322	2234 5655
Iv	5333 3245	6234 2223	3443 4444	4433 2233	4533 2332	3233 4566
Co	3114 3322	3235 4401	2246 5443	1222 2020	0014 2211	0123 6743
So						
Le	3212 2143	4212 2223	0122 2343	1212 1222	1211 2133	0111 4565
Do	3212 2134	4102 3023	0102 2224	3311 1121	0212 1133	0101 4675
Me	2432 2212	3143 2211	1454 3222	1243 1111	0233 2111	0033 6534
Si	2423 2222	3233 3311	1453 3322	1232 1211	1223 1121	0122 6643
Es	3222 2243	4212 2223	1222 2343	1211 1222	1222 1133	1112 4564
Sl						
RS	3222 2144	4212 3223	1132 2343	1211 1131	1212 1143	0112 4664
Ag	4421 2132	4232 2222	1442 2222	2321 1221	2223 2111	1022 4545
Wi						
Ab	3212 2143	4212 3323	1233 3443	1221 1222	1232 2133	1112 4565
Sr	2322 3232	4222 3312	1344 3233	3222 3221	2322 2121	2222 6744
Ni						
KP						
Ya	2333 3333	3222 2432	2343 2422	1332 2232	2222 1132	2233 5444
Ch	3421 2133	4232 1123	1442 2333	2322 1121	2323 1211	1122 4555
Za	2111 1122	4211 1212	1111 5421	1111 1121	1112 1113	1021 4565
VD	2213 3333	4122 3423	1132 2343	0123 1230	1222 1133	1122 5764
Eb						
St						
Zy	1122 3232	3222 4312	0142 2342	0121 1120	0112 0020	0122 6544
SF	3331 3134	5232 2313	1331 3553	1122 1322	2343 2233	1121 5656
Tu	3422 2132	4242 2213	1442 2333	2333 2111	0332 2222	2122 4565
Du	2232 2231	2333 2223	1232 2332	0122 1231	1222 2133	1212 5544
Ke	2223 3231	3222 2223	0143 3342	1332 1230	1223 2133	2334 5634
SJ	3311 0132	3121 1112	0321 0323	1220 0120	1231 2112	1021 2253
Ka						
Ho	2222 2020	3132 2112	0232 1221	0122 1011	1122 2100	1112 3344
ZS						
Al						
Hu	2211 3231	2112 3321	0222 2332	1121 2220	1221 3221	1121 4453
Ap	2222 2032	4232 1221	3332 1132	1221 2123	1332 2212	1113 3244
Pi	3300 0023	2122 0332	0311 2423	1212 0220	0230 2132	2110 0254
CT	2222 3133	4232 2322	0223 2533	1023 0001	0133 3222	1133 5445
Wa	2333 3221	3332 4312	2233 2342	1222 2221	1221 1121	1212 5534
To	2322 3223	4233 3402				1222 5444
Am	2322 3222	4233 3313	2343 2333	2232 1112	0322 2122	2222 4444

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1944

Obs'y	1	2	3	4	5	6	7	8
Go	5234 5434	2123 4422	3334 4443	3113 3322	3332 3332	3233 3333	2223 3322	2112 2222
Iv	5344 3456	4113 2234	5453 3556	5222 2231	4421 1213	4441 2344	3423 2233	4211 1215
Co	3226 5423	2104 4211	1244 5422	2002 1110	2211 0100	1111 0232	2200 4110	0000 1000
So								
Le	5223 2344	3001 1132	3322 2344	4102 1231	2211 1201	1112 1234	2101 2232	1001 0002
Do	5123 3435	1002 2233	2332 3354	4002 0231	2020 0201	0110 1244	1101 1241	1000 0101
Me	2236 6312	1003 2111	1454 3222	1101 0202	1112 1100	0332 0222	1200 2110	0000 0000
Si	3226 6323	2013 3111	2453 3333	2102 1221	2212 1210	1332 1232	2210 3121	1100 1111
Es	4224 3445	1012 2233	3232 3343	2113 2331	2121 2202	2112 1334	2112 2232	1001 0112
Sl								
RS	4223 3445	1001 2233	3333 2444	3002 0231	2211 1101	1111 1344	2211 2142	1100 0002
Ag	4224 4323	3002 2223	4443 3333	3101 1321	3301 1210	2331 1333	2300 2221	1100 1111
Wi								
Ab	4224 3455	1002 3133	3332 3343	3023 1331	2232 3111	2122 2344	3221 3132	1010 0112
Sr	4225 5333	2214 3322	3332 3333	3211 0220	2111 1101	2321 2333	2211 3122	2212 1011
Ni								
KP								
Ya	3225 4423	3211 3322	2333 3322	2111 1311	1011 1211	1321 2344	2221 3211	1110 1111
Ch	4324 3334	2002 1123	3442 2334	3101 0221	3301 1111	2332 1333	2311 2121	1000 0011
Za	1233 4444	2111 3333	3232 2444	3200 1123	1221 0000	0000 0444	2211 0133	1120 0022
VD	3223 4445	2121 3333	2232 3443	2101 0230	1111 0200	2201 1353	2111 1131	1100 0011
Eb								
St								
Zy	2214 3434	1002 2312	1333 2332	2001 0230	1010 1200	2200 2353	1111 1120	0010 0010
SF	5125 4535	1001 3214	3243 2244	4022 2331	2221 3211	3222 2355	2222 2232	1000 2313
Tu	5334 4433	2012 2223	3442 3343	4101 1231	3311 1220	2331 1343	2311 2220	1100 2122
Du	3123 3333	1001 1123	2322 2432	2222 1230	2111 1111	1111 2243	2111 2231	2111 0112
Ke	3234 4333	2122 2223	2333 3432	3232 2232	2221 1221	2322 2354	2221 2232	1221 1121
SJ	3213 1333	2001 1111	3332 2123	3000 0221	2100 0110	2221 1232	2200 0121	1000 0010
Ka								
Ho	3114 3222	1011 2112	1332 2122	2001 0121	2011 0110	1011 1221	1000 2110	0000 0011
ZS								
Al								
Hu	2213 3433	1002 3322	3322 4423	2101 1321	2100 2220	2212 2432	2201 3320	0001 2221
Ap	3224 3323	2212 2212	3322 2232	3212 0113	3112 2010	2300 2342	2100 2120	0001 2221
Pi	3313 3434	1011 1233	3311 0443	4100 3011	2210 3232	3311 3453	3200 3223	2000 0102
CT	3013 3444	0103 2212	2132 3332	3102 2321	1122 2110	2113 1343	1111 2221	0010 2021
Wa	4225 3433	1113 2313	2333 2332	2111 1221	2111 1111	1211 2343	2211 3221	1000 0111
To	4324 3313	1113 3212	2432 2323	3221 0211	2211 1101	2221 2233	3221 3011	2200 0100
Am	4224 4333	2112 2122	2332 2242	3111 0223	2212 1021	2221 1232	2211 3022	2101 1112

Obs'y	9	10	11	12	13	14	15	16
Go	3132 2212	1123 2223	4533 5542	2223 3344	4222 3334	4133 3544	4434 4336	3133 3322
Iv	5332 1122	3122 2235	6633 3432	3333 2254	5221 2245	3334 3456	6544 3346	4343 3324
Co	0013 0000	0011 1012	5621 5622	1213 4222	1101 5410	1056 5532	4626 3323	2224 3220
So								
Le	2111 0001	0001 0124	6622 3644	2211 1233	3111 2234	4012 2448	7732 2245	3021 2233
Do	2021 0000	0000 0134	7721 3735	2222 2334	3011 1433	2011 2549	8633 2357	2122 2233
Me	0023 0000	0022 2012	4531 3422	2432 2222	1000 3211	1235 4326	4345 3223	1243 2211
Si	1132 0010	0033 2123	6621 4522	1312 3222	1001 3322	1236 5333	5725 3223	2243 2222
Es	3121 1000	0001 1234	5522 3524	1222 2333	2111 3334	2122 2446	6532 2235	2131 2332
Sl								
RS	2121 0000	0000 0133	5511 4534	1222 1334	3111 3434	3113 3546	5433 1346	3121 2333
Ag	2231 1111	0022 1223	6531 3442	4322 2123	3011 3324	3334 3437	7754 3225	3152 2223
Wi								
Ab	3111 0000	0011 2133	5521 3534	1222 2333	3111 3434	3023 3445	5433 2346	3232 3333
Sr	2222 1011	2122 2123	3422 4432	2323 3222	3211 4321	2224 3434	4423 2334	3333 3322
Ni								
KP								
Ya	1222 1101	0222 2123	4332 4322	2313 3232	2221 4323	1124 4445	4424 3334	1243 3331
Ch	2122 0011	0022 1133	5632 3443	3312 1223	3010 2224	3334 2335	6624 2235	2242 1213
Za	0010 0000	0012 0033	5321 3433	1122 2443	3110 2424	3123 4446	5323 3336	3122 4333
VD	2111 0000	1111 1133	5532 4533	1122 1332	2021 3333	3124 3546	5323 2335	2132 3432
Eb								
St								
Zy	2110 0000	0121 1132	4221 5522	1121 1322	1010 3422	0123 4546	3434 3335	2233 3330
SF	4122 2111	0002 2234	6533 4643	2122 2344	3121 4434	4034 3345	5332 3247	6314 2341
Tu	2132 0010	0122 1223	5622 3542	3312 2222	2111 2323	2333 3435	6623 2225	2232 2112
Du	1112 1100	0122 1111	3312 4433	2111 1221	1121 3223	2223 2433	3323 2433	2122 1221
Ke	2333 2110	0211 1233	3223 5534	2222 2322	1022 4432	2234 4544	3434 3334	1232 2221
SJ	1111 0110	0011 0123	4522 2532	3201 0123	2010 2213	2222 1345	5513 0235	2031 1222
Ka								
Ho	1011 0000	0002 0122	5432 3532	1103 1011	1111 2211	1123 1224	4424 1114	0031 0001
ZS								
Al								
Hu	1112 2120	0111 2332	3322 4752	2201 3322	2012 3322	1223 3644	5412 2333	1121 2321
Ap	1011 0012	2222 1223	5432 3542	3313 2122	3000 2111	2133 1235	3523 2334	2131 2222
Pi	2120 2120	0100 2235	5443 2613	3200 3323	2001 0233	0220 3446	6522 3154	2020 4322
CT	3121 1010	0020 1123	5432 4633	1023 1232	2033 4223	3122 3333	3314 3235	0032 2312
Wa	1121 1000	1111 1122	5323 4533	2111 1322	2111 3422	1123 3434	4423 2333	2232 3321
To	1122 0000	2212 1122	3433 4432	1323 2221	3111 3422	3223 3325	4423 2224	1132 2222
Am	2122 0012	1112 2023	4422 3422	2213 3232	3111 3322	2224 3234	4424 3234	3132 2221

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1944--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	3223 3323	3234 4321	2133 2221	1113 2333	2222 2222	2122 3421	3222 3444	4433 5333
Iv	5244 2133	5343 3222	5323 1112	3311 1334	4333 1332	2232 2331	4332 2546	5543 4444
Co	1226 5111	2335 4010	1114 0000	0001 0211	1133 1012	1032 2111	0110 2552	3135 4333
So								
Le	3132 1103	3212 1220	2012 1100	0011 1224	2111 1112	1111 1222	2111 1445	4332 2243
Do	3033 2003	4212 1220	1002 0000	0001 0123	1011 0122	1111 1110	1200 0556	4321 3242
Me	2243 3112	3234 3110	0114 0000	0000 0121	0032 0110	0042 1110	0110 1333	3354 4222
Si	1234 4112	3124 3111	1123 0000	0000 0112	1022 1111	1132 2111	1111 2442	3344 3233
Es	2223 2114	3223 2211	2102 1110	0002 1224	1112 1112	1111 2321	2121 1435	4232 2243
Sl								
RS	2233 1004	3213 1320	2012 0010	0001 0234	2110 1122	1211 1121	2121 0545	4233 2343
Ag	3332 2223	5333 2221	2223 1210	0111 1122	2112 2121	1121 1111	1112 2334	4343 3232
Wi								
Ab	2222 2114	3223 2211	2112 0010	0021 1234	2121 1122	1111 2321	2232 2445	5233 3243
Sr	3224 4103	3324 3211	2223 0003	1111 1223	2221 1122	2222 2121	2220 1543	3234 3333
Ni								
KP								
Ya	2223 3112	2233 2222	1013 0011	0110 1333	1122 2233	1122 3221	2222 2553	3234 3343
Ch	3232 1013	4221 1221	2113 0010	0101 1023	1111 0121	2221 2211	1221 1334	4342 2233
Za	2222 1133	2133 2121	2122 0000	0001 0223	3122 1232	2221 1223	2221 2555	4333 4443
VD	2122 2124	3233 3310	2233 1010	0001 0333	1022 2232	2210 2220	1132 2554	3233 3343
Eb								
St								
Zy	0111 2003	1121 2211	2223 1000	0000 1223	0011 0021	0001 2220	1232 0553	3233 2333
SF	3244 0035	4323 3222	2123 2010	0013 2333	3021 2432	1222 1311	2242 2656	4344 3344
Tu	2233 3123	4332 1221	1223 0010	0101 1123	1012 0122	2132 1211	1221 2333	4343 3333
Du	1122 1012	2212 2210	1112 0000	0000 0223	1010 0111	0001 2210	0121 0443	3222 2223
Ke	2222 2123	1223 2321	2222 1121	0122 2224	1332 2323	1322 2222	2332 1553	2233 3333
SJ	3122 1013	3221 1110	1111 0110	0000 0113	1011 0011	2221 1111	1221 0333	4331 1233
Ka								
Ho	1123 3012	1221 2110	1112 0010	0100 1012	1021 0011	1121 1100	1221 1332	3243 2123
ZS								
Al								
Hu	2121 2112	3111 2321	1100 0110	0001 2222	1012 1321	1122 3321	1221 3343	3332 3333
Ap	2223 3224	2333 2222	2212 0110	2111 1322	2120 2313	2021 2210	1221 2333	2243 2223
Pi	2230 2034	4212 2111	2102 1100	0101 1213	2002 2212	1131 3310	2231 3503	4331 2333
CT	2112 2133	3223 3112	1113 0010	0012 2322	1112 1212	1132 3311	2222 3554	3232 3333
Wa	1233 1112	2223 2212	1112 0010	0112 1223	1122 1121	2211 2211	2231 1542	3233 2333
To	3224 3113	3333 3111	1213 1111	2211 1112	3222 1222	3221 2112	2331 0443	2234 3223
Am	3223 3123	3323 2022	2213 0122	2211 1033	3122 1123	3231 1013	2222 1343	3233 3122

Obs'y	25	26	27	28	29	30	31
Go	3122 4333	6334 3333	3223 4332	2323 4332	2222 2333	3232 2221	4344 4332
Iv	2222 2234	6454 1225	5422 3322	4443 3233	4311 2224	4332 1112	4445 2333
Co	1112 2121	3446 1121	1001 2210	1213 3310	0000 0111	1122 0000	0344 3221
So							
Le	3111 1142	3232 1132	2111 2321	1121 2132	2111 1122	2111 1100	3222 2332
Do	3100 1052	4223 0142	2100 2410	1101 1232	0000 1022	2100 0001	3212 2343
Me	1121 1122	2552 1011	1201 2110	1332 2111	0100 0111	0333 0001	2344 3122
Si	1221 1122	2553 0121	1102 1221	1332 2111	1100 0211	2332 0001	2443 2222
Es	3121 2143	4233 1232	2111 2320	1221 2232	1102 1223	2122 1101	2222 2342
Sl							
RS	3211 1142	4222 0233	3111 2421	1212 2232	1000 1122	3112 1000	2222 2432
Ag	2212 2122	5553 2122	3301 2311	2332 3121	1100 2222	1342 0011	3353 3222
Wi							
Ab	3211 1143	4333 1133	3111 3422	1222 2132	1002 1233	2121 0101	2232 2343
Sr	3311 1032	3444 1222	2121 3302	2322 3232	2221 1211	2331 0011	1333 2322
Ni							
KP							
Ya	3311 2122	3443 1122	2111 2211	1232 3222	2111 1121	2311 1111	1333 2331
Ch	2111 1133	4452 0022	3201 3311	2332 1112	1100 1121	1331 0011	3442 2222
Za	3221 2243	3323 2232	2221 2422	0122 2322	1120 3133	2221 0001	2223 3443
VD	2121 2142	3333 1331	0110 2321	1233 3221	0200 1132	3221 0011	2332 3442
Eb							
St							
Zy	1121 1032	3423 0221	1111 1320	1103 3220	0010 1222	1131 0000	2333 3343
SF	4110 1133	5343 2123	3122 3223	2244 3233	2132 2233	2133 2211	2342 3343
Tu	2111 2233	3453 1222	2211 2221	2332 1212	2100 1122	2331 0012	3343 2222
Du	1112 1032	1111 0020	0000 1200	0000 0011	0000 0101	1111 0111	2221 1222
Ke	2112 2132	3333 1331	1222 2421	2323 3232	1210 1232	0222 1111	2343 3332
SJ	2110 1023	3332 0022	2200 1210	1221 1121	1100 0221	2220 0001	2232 1221
Ka							
Ho	2110 2122	2243 0011	2101 0200	1223 1112	1000 0122	2221 0011	1232 1111
ZS							
Al							
Hu	1100 3122	3211 1221	2110 4321	1222 2432	2101 3431	2100 1221	2222 4422
Ap	2111 2123	2333 1222	1011 0233	3223 2022	2101 1233	2321 0032	3333 1333
Pi	0100 3123	3311 2112	2210 1001	1222 1011	2002 3303	3100 2101	3321 3312
CT	2121 1122	3322 1011	2123 2221	1233 2122	1113 1222	1233 1111	1233 2233
Wa	2111 1133	3333 1332	1111 2311	1112 3221	1001 1122	2222 1111	2233 3332
To	3211 1123	3333 1122	1011 2201	2333 3221	2221 2212	3222 0111	2233 3332
Am	3211 1133	3343 0022	2112 2222	3332 3123	2211 1122	3221 0023	2233 2233

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1944

Obs'y	1	2	3	4	5	6	7	8
Go	1012 3222	1323 2311	1133 4311	2233 4331	2544 4436	4334 4321	1122 3221	3233 1111
Iv	3212 2113	3413 1111	1332 3321	5444 3333	4555 3445	5554 3332	2211 1234	5444 2211
Co	1000 2100	1001 0000	0015 5420	0046 6410	1455 5444	2454 5110	0002 4401	1024 0001
So								
Le	1000 1002	1201 1001	0011 2220	1121 3422	2332 3345	3332 3111	0000 2122	2221 1001
Do	0000 1003	0001 0001	0010 2310	1112 3512	0432 2436	3222 4003	0010 0122	0000 0000
Me	1011 1101	1111 0011	0023 4211	0155 5311	3564 4334	3565 3200	0001 2211	1244 0100
Si	0011 1111	1101 0010	0124 4210	1135 5321	2454 4334	2364 4210	1002 2311	1243 1000
Es	1011 1002	0212 1111	0012 3210	2222 3323	2432 2445	3332 3111	1010 2222	2221 1001
Sl								
RS	1001 0002	1211 0011	0011 2310	1222 3412	3432 3445	3332 4212	1110 2233	2121 0000
Ag	1101 1211	0301 2210	0232 3211	3343 3222	2554 3335	3454 3110	0101 2222	3242 2110
Wi								
Ab	0012 1103	0212 1111	0012 3311	2132 3423	2443 3455	3332 4222	0111 3323	2122 1101
Sr	2000 2111	1001 0001	1114 4311	1135 5321	2334 4445	2153 4110	1000 3222	1122 1100
Ni								
KP								
Ya	1111 2211	2111 1111	0022 3221	1233 5332	3233 4434	2142 3221	1111 3322	1223 2111
Ch	0000 1111	1301 0111	0122 2211	3343 3221	3643 2335	3353 2121	1110 1112	2232 0000
Za	0000 0000	0000 0001	0012 2221	1112 3322	2222 4444	3222 4221	1111 2222	2111 0001
VD	1100 1111	1111 1001	0013 3321	1124 4322	2233 3424	1333 5222	2111 3323	3222 1101
Eb								
St								
Zy	0100 2200	0200 1100	0013 3310	0225 5300	3333 4545	2133 4310	0110 2111	1122 1000
SF	1003 2102	1223 2221	0113 2321	2134 3433	3453 3555	3343 4232	1211 3323	2023 1111
Tu	1000 1111	1201 0122	0123 3212	2243 4321	4554 3434	3253 2111	0111 1113	3233 0001
Du	1212 2212	1122 2222	1122 2321	2222 3333	3443 4445	3333 4333	2222 3333	2233 2213
Ke	1011 1211	2223 1112	0232 2322	2324 3422	2343 3434	2333 4321	2211 3223	1322 2112
SJ	0000 0111	0101 0110	0011 1211	2132 2111	3332 1334	2242 1110	0000 0101	0122 0000
Ka								
Ho	1000 1001	0101 0011	0023 2201	1233 3211	2333 2323	1152 1010	0000 2001	1122 0001
ZS								
Al								
Hu	1001 2320	0102 1221	0022 4421	1122 4432	3322 3443	2122 4231	0101 3312	1112 2111
Ap	2120 2122	2212 2022	2323 3221	1333 2212	3334 2234	3352 3233	3010 2122	2332 3212
Pi	1000 2232	1001 2022	2312 4300	2220 4213	3422 0303	3230 3012	1100 2222	1220 3022
CT	1123 2111	1133 3111	0132 3311	1133 3212	3332 2444	2232 2221	0011 2112	1132 3001
Wa	1111 2111	0000 0010	0113 3211	1225 3322	3323 3334	3232 3111	2111 3222	1112 2001
To	1111 2102	2211 0012	2223 4211	2234 4322	3434 4334	2342 3212	1121 3312	2122 2101
Am	2200 1123	3211 0133	3213 3223	2234 3222	3443 4334	2243 3102	2211 2211	2332 2102

	9	10	11	12	13	14	15	16
Go	2234 3221	1133 4431	1113 3331	3133 2100	1111 1100	1123 2221	1121 2212	2222 2220
Iv	4454 2131	1222 3431	3322 3221	4221 1111	2200 1111	3222 1233	4211 1113	4333 2210
Co	0032 1110	0013 6430	0012 2210	0010 0000	0000 0000	0001 1000	1000 0000	0025 3000
So								
Le	2121 1032	0011 1430	0001 1210	2010 0000	0000 1001	0000 1112	2100 1001	1110 0000
Do	2122 0042	0002 3530	0001 1310	2010 0000	0000 0001	0000 0112	1000 0012	0100 1000
Me	1133 1110	0012 4320	0031 1110	0120 0000	0000 0000	0111 1110	0100 0000	0143 3000
Si	1133 1121	1012 4330	1121 2110	1130 1000	0000 0000	0111 1010	1100 0000	1133 3110
Es	2121 1031	0122 3430	0101 1210	1011 0000	0001 1000	0000 1222	2101 1002	1211 1000
Sl								
RS	2222 0032	0012 3530	0101 1310	2111 0000	0000 0001	1000 1222	2100 0012	1201 1000
Ag	3322 2131	0021 3321	1221 3210	1221 2210	0000 2110	1110 2111	1210 1101	2233 1110
Wi								
Ab	3131 1131	0033 3440	0011 2310	1021 1111	0011 1001	1011 1122	2111 1111	1211 1110
Sr	1222 2232	1023 5541	1112 2210	2110 1000	0000 0000	0001 1111	2100 1111	1012 2100
Ni								
KP								
Ya	2232 1321	0123 3440	1212 2221	2212 1001	1101 1100	1100 2221	1111 1211	1123 2221
Ch	3321 1121	0022 2330	1220 2211	1220 0000	0000 0010	1110 0000	1100 0000	1233 1010
Za	1112 1221	0012 3530	1111 1221	1121 1000	0000 0111	0001 1222	2100 1112	0001 1101
VD	2122 1232	1123 4541	1102 2320	2101 0000	1111 0010	1111 2321	2211 1112	2122 1110
Eb								
St								
Zy	1031 1231	0033 3530	0100 1110	0110 0000	0000 0000	0000 0210	0100 0000	0022 1110
SF	2232 2222	0234 4441	0001 2321	2121 1100	0011 0121	1111 1232	2211 1111	1121 1220
Tu	2221 1121	0023 3431	1120 2210	1220 0000	0000 0000	0110 1100	1200 0011	1233 1011
Du	2332 2242	1234 4551	2222 2221	2222 1112	2222 2222	2222 2322	3322 1222	2232 1222
Ke	3232 1232	1333 4542	1221 2321	2221 2101	0112 1112	1221 3321	2321 2222	1232 2222
SJ	2010 0020	0023 1330	0000 1200	1110 0000	0000 0000	0100 0000	0100 0000	1122 0100
Ka								
Ho	1231 0020	0023 3231	1110 0110	1010 0000	0000 0000	0001 1000	0000 0000	0112 0010
ZS								
Al								
Hu	2111 2231	0023 3450	1111 3431	1101 2200	0001 1100	1101 2310	1000 1211	1111 3220
Ap	2233 2132	2333 3332	3222 1223	2020 0022	0011 0121	2100 2023	2211 0222	2222 2203
Pi	1311 3231	0133 1332	0001 3310	2101 0102	0002 0001	0101 1233	2202 0302	1110 3120
CT	1334 1221	0123 3330	1223 2310	1223 2100	0111 1000	0000 1321	1112 1201	0212 1110
Wa	2133 2221	0033 3541	1111 1211	1121 0000	1001 0001	1111 2212	2100 0111	1222 2111
To	1243 2123	1133 4432	2221 1211	3221 1000	2111 0001	2201 1111	2310 0112	1122 2111
Am	2233 1123	3233 4321	2211 1232	2110 1012	1101 0001	1111 1122	2210 0112	2122 2111

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1944--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	1121 2212	4123 3321	3223 3321	3444 3333	1112 1111	1111 2221	3223 2211	1231 1211
Iv	0121 1112	6322 2212	5433 2222	3554 3543	3111 1112	2101 1221	2223 3222	2321 1111
Co	0000 1000	1021 4410	0124 2200	0336 6632	2000 0000	0002 0200	0013 4000	0000 0000
So								
Le	0000 0002	3000 2200	3211 2221	1332 3544	2002 0011	0000 1211	2111 0110	0000 0000
Do	0000 0022	3100 2201	3212 1331	1322 4634	0010 0021	0000 0211	2000 1010	0000 0001
Me	0010 0001	2131 2210	2232 1100	1354 5422	0011 0001	0001 0100	1122 1100	0100 0000
Si	0000 1011	2132 3311	1132 1211	1334 6532	2111 0000	1001 0221	1122 2100	0010 0000
Es	0001 1002	3111 2211	3211 2221	1322 3434	2001 0001	0001 1211	2111 1121	0110 0001
Sl								
RS	0000 0022	3101 2301	3201 2221	1322 3534	2011 0011	0000 0211	2101 1211	0100 0000
Ag	0000 1112	3221 2211	4431 2211	2433 4332	1000 0100	0000 0211	3221 0101	1110 0110
Wi								
Ab	0011 1112	3121 3312	3212 2321	2332 4544	2111 1011	1011 1211	2000 1111	0111 1000
Sr	1101 1022	2110 4311	1113 1220	1334 5533	2100 0000	0001 0310	0002 2220	1000 0010
Ni								
KP								
Ya	1000 0012	1221 3321	2123 2311	2333 5632	2111 1112	1111 1311	1112 3221	1111 1100
Ch	0000 0012	3221 2122	4432 1110	2333 3333	1000 0000	0000 0111	2211 0000	0010 0000
Za	0001 0012	2111 3211	1222 2321	2222 3434	2211 0001	1001 0211	1101 2220	1010 0000
VD	1111 0013	2222 4312	2122 3322	3333 4534	3232 1011	2122 2321	1222 3231	1332 1000
Eb								
St								
Zy	0021 0000	1120 3311	1111 1110	1333 5523	0001 0000	0000 0000	0000 1110	0010 0000
SF	0012 1022	3212 3313	3322 3311	2324 3344	3022 0111	1012 1322	2110 1011	1211 0101
Tu	1001 0012	3231 2223	3332 1111	2433 4423	1110 0000	0000 0121	2111 1001	1110 0001
Du	2322 1223	3322 3433	3323 3332	2333 4544	3223 2222	2122 2332	2222 2221	2322 1222
Ke	2232 1123	3232 4322	2233 3222	2334 4533	3222 1012	2111 1221	2121 2210	2231 1101
SJ	0000 0012	3121 2122	3322 1210	2322 3322	1000 0000	0000 0111	2000 0000	0000 0000
Ka								
Ho	0001 0012	2011 3122	2212 1100	2323 4322	1000 0000	0001 0011	1000 0000	1010 0000
ZS								
Al								
Hu	0001 2231	2211 3322	2222 3321	2222 4532	1002 2110	1000 1221	2000 2220	1101 1210
Ap	2112 1021	2301 3123	3313 1232	2423 4322	1121 2101	2201 2232	2121 2211	2211 0112
Pi	0101 2023	3220 1212	3323 1121	3332 2422	2000 0220	0011 2111	2201 3220	1100 0120
CT	0112 1111	2311 3312	3323 3221	2233 4544	2011 0001	0221 0111	1020 2010	1210 0001
Wa	1121 1112	1111 4323	3223 2212	3333 4533	2221 1011	1101 1221	2122 2211	1121 1101
To	1111 1111	2221 3222	3323 1201	2333 4422	3211 0011	1101 0211	3121 2111	2110 0011
Am	2211 0112	3221 3322	3212 2221	3433 4422	3211 0112	2211 0210	2221 1121	2211 0022

Obs'y	25	26	27	28	29	30
Go	1111 1111	4332 3211	2221 2011	1111 1121	1232 2210	2223 3212
Iv	1100 1111	5321 1111	4331 1110	1001 0122	3321 1211	4221 3223
Co	0000 0000	1010 2200	0001 0000	0000 0010	0002 2010	0002 4200
So						
Le	0000 0000	4211 1100	0111 0000	0001 1011	0100 1000	2000 2212
Do	0000 0000	4110 1100	0100 0000	0000 0021	0000 0100	0000 2212
Me	0000 0000	2210 1100	0111 0000	0000 0011	0101 1110	0221 2211
Si	0000 0000	2110 2110	0012 0000	0000 0021	0102 2111	1212 3221
Es	0000 0010	3111 1101	0110 1000	1001 0021	0101 1001	3110 1212
Sl						
RS	0000 0000	3111 1200	0110 0000	0000 0021	0100 1100	2100 2212
Ag	0000 1021	3210 2200	2110 1220	1000 1221	1201 1110	1221 2111
Wi						
Ab	0001 1011	4121 1210	0111 2110	1101 1131	0100 1101	3111 2322
Sr	0000 0021	3200 3201	1010 0000	1000 0011	0102 2100	2201 2421
Ni						
KP						
Ya	1111 1112	2211 3211	1221 1111	2110 0122	1213 3211	2223 3422
Ch	0000 1011	3210 1100	2110 1010	1000 0121	0201 1010	1221 1211
Za	0001 1000	2111 1100	0000 0000	0000 0011	0111 1100	2100 1322
VD	1101 1100	3222 3221	0100 0000	1100 0021	1212 2300	1113 3421
Eb						
St						
Zy	1111 1011	2131 1100	0110 0000	1100 0010	0021 1100	1022 2420
SF	0111 1112	3222 2211	1111 2010	3122 2332	1213 1212	3122 1332
Tu	0111 1020	3211 1212	2120 1011	2000 0321	1212 1211	2222 2222
Du	2322 2222	3322 2322	2221 3122	2122 2233	2332 2322	2222 3322
Ke	0211 1211	2222 2212	1122 1110	2122 0121	0112 2110	1112 3321
SJ	0100 1110	2110 1110	1000 1010	2000 0121	0100 0100	1110 0201
Ka						
Ho	0101 1011	3211 2111	0120 1010	2000 0031	1102 1010	1010 1211
ZS						
Al						
Hu	0101 3221	3210 2432	1110 3322	2101 1232	1101 2320	1111 3322
Ap	2201 1033	3212 2222	2122 2111	3121 0132	1112 1012	1111 1222
Pi	0202 0112	4202 0221	2011 0132	3011 0011	1101 2221	1101 2132
CT	0212 2111	1223 2111	1111 2210	2023 2221	1122 1110	2122 1221
Wa	1211 1121	2222 2212	1221 2121	2111 1132	1211 1111	1122 2322
To	1211 1011	3221 1112	2230 1011	2112 0022	2211 1111	2111 2311
Am	2211 1012	3211 2212	3220 1022	2112 0122	2211 2112	3221 2222

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1944

Obs'y	1	2	3	4	5	6	7	8
Go	3223 3322	5243 4334	4334 3324	4323 2211	3313 2312	3233 2211	2122 2111	1122 2322
Iv	3122 4422	5244 4434	4334 4333	3323 1123	4433 2212	5233 2113	4111 1111	0031 1213
Co	0005 4310	1136 3532	0222 4121	1102 2120	0045 3100	1134 2300	0010 1000	0010 2200
So								
Le	1011 2422	3122 2352	3222 2112	2220 2021	1111 2113	3211 1122	1000 1000	0010 1022
Do	2002 2522	4312 1453	3311 2022	2220 0032	0101 1113	3001 0130	1000 0000	0000 0101
Me	1014 3211	1145 2332	2332 2111	1312 0011	1144 2101	1223 1100	0020 0000	0010 1101
Si	0023 3321	2244 3332	3441 2121	1212 1111	1034 2101	2223 1300	0020 1000	0020 3201
Es	2111 1322	3222 2352	2221 2123	2211 2021	1102 2113	3211 1121	1001 0001	0010 1112
Sl								
RS	1011 3322	3122 2453	2222 2332	2220 1031	1101 2113	3101 0131	1000 0000	0000 1113
Ag	1012 2222	3243 2332	4442 2121	2211 1121	1223 2112	2222 1100	1020 0100	0020 1112
Wi								
Ab	2112 2332	4232 1453	3322 3123	2221 1021	1122 1223	3211 1221	1100 1111	0111 1112
Sr	1113 3331	2233 2452	1232 3211	1211 2221	1133 2212	2223 1310	0000 2100	0011 2211
Ni								
KP								
Ya	1113 3322	3333 2442	3322 2223	1221 3221	1233 2311	2223 2211	1111 1100	0121 2322
Ch	1012 2221	3233 2332	3431 1122	2301 1011	2223 1112	2122 0010	1010 0000	0010 0112
Za	1111 2433	3222 1453	3322 3233	2222 2232	1122 1113	2111 2121	0101 1100	0011 0111
VD	2103 3432	3223 2553	3221 3323	2221 2131	1222 2223	2222 0220	0022 0000	1112 3211
Eb								
St								
Zy	1114 2321	2233 3452	2232 3222	3222 2231	0032 1103	1122 1210	0100 1000	0122 2210
SF	2123 3332	4323 3543	2332 3223	3212 0111	1322 1233	3122 3311	1000 1221	0023 3313
Tu	1122 2332	3342 2342	3331 1212	2311 1011	1133 1121	3223 1111	1020 0101	0120 1112
Du	2123 3323	3233 2463	2332 3233	2322 2232	1122 2323	2222 2332	1222 1111	1232 3233
Ke	2213 3322	3244 3452	2322 2322	2223 1121	2233 2303	2122 1221	2222 1100	1222 3232
SJ	1002 1121	2221 0332	2230 1111	2301 0110	0122 0012	2110 0000	1010 0000	0110 0101
Ka								
Ho	0012 3211	1221 1221	2212 1012	1110 0011	0022 0011	2212 0100	0000 1011	0021 1001
ZS								
Al								
Hu	0002 4430	2223 3442	2112 3322	2201 2211	0112 2221	2111 3210	0011 1220	0012 3311
Ap	2122 3333	3332 3022	3222 2122	1111 2012	2221 1233	2112 1222	0001 2122	1111 1223
Pi	1212 2320	2322 0422	2212 1222	1312 2002	1203 3324	2212 2032	0002 3020	0102 2033
CT	1112 3132	3323 2541	1233 1112	0022 1011	0132 2321	1312 1100	0023 1100	0012 2111
Wa	1233 3422	2333 3342	3332 3222	3221 2122	1222 2212	2322 1211	1111 1111	2121 2312
To	2233 3312	3433 2343	2232 3211	2212 2222	4223 1211	2332 0322	2110 1013	3431 2222
Am	3223 3222	3332 2232	3222 2222	2311 1122	2223 1222	2323 0221	2121 1122	2221 2222

Obs'y	9	10	11	12	13	14	15	16
Go	2422 1221	2113 1231	2223 3311	2322 1211	2233 3434	4643 3321	3234 2335	4345 6542
Iv	4421 1233	4211 1111	4322 1111	3421 1111	4433 3534	5654 3211	2343 1234	3343 6632
Co	0113 1100	1001 0010	0022 2000	0000 0000	0115 4632	4455 4300	0013 1112	3246 9853
So								
Le	2200 0122	2100 0011	1001 0000	1100 0011	1112 3444	3442 2200	0011 1024	3224 7953
Do	2200 0121	1000 0001	1001 0000	0101 0011	1112 3654	3332 2210	0000 0034	3344 9863
Me	2210 0110	0200 0010	0022 1000	0000 0000	0324 3331	4453 4200	0122 0023	3357 7753
Si	1211 0110	0211 1010	0032 2100	0000 1010	1334 3431	3544 3300	0122 0123	3237 9953
Es	2211 0122	2111 1110	1101 1000	1111 0011	1122 2434	2332 2200	1011 1134	3334 7943
Sl								
RS	2201 0121	1101 1001	1101 0000	1100 0021	1112 3443	3441 2210	0011 0034	3245 9952
Ag	3311 1111	1201 1120	2121 1100	1201 1011	1223 2433	5643 3000	0122 2134	4236 8742
Wi								
Ab	2211 1122	3111 1111	2112 1100	1112 0121	1123 3544	3432 3210	1011 1234	4345 7853
Sr	1101 0210	1000 0110	1111 3100	0101 1011	1233 3632	3344 4311	0013 1133	3344 8853
Ni								
KP								
Ya	2211 1321	1111 1111	1212 2100	1211 1110	2223 3642	4334 4310	1122 2133	3343 7853
Ch	3311 0121	1101 1131	2121 0100	1201 1111	1323 3432	5542 1100	0112 1034	4345 8753
Za	1211 1221	1111 0111	1011 0111	1011 0020	1013 3644	2432 3100	0102 1034	3235 8743
VD	2100 0321	1100 0100	0012 1211	1212 1231	2223 3644	3433 3310	0021 1234	3345 8753
Eb								
St								
Zy	2222 1321	1011 1100	0122 1200	0112 0120	1222 3643	3433 3310	0011 0145	4455 8854
SF	1221 1233	3223 1120	1113 3110	1333 1223	2133 3644	3533 1311	1013 1344	5446 8765
Tu	3321 0132	2201 0130	1122 2101	1101 1121	1333 3423	4542 2111	0122 0133	4356 8854
Du	2232 2333	3211 2232	1223 3222	2223 2232	2333 4544	3442 2322	2222 2345	4455 8764
Ke	1223 1221	2121 1211	2132 2211	1322 1222	2333 4533	3333 2321	1232 1244	4555 7764
SJ	3211 1121	1102 1211	0000 0100	0101 0221	1223 3533	3421 1000	0012 1143	4444 8643
Ka								
Ho	2211 0120	0000 0021	0011 1001	1002 0011	1123 2312	3432 2101	0012 0033	4455 6633
ZS								
Al								
Hu	2211 3441	1103 3330	0002 3320	0002 3332	1223 5762	2311 2321	0011 2343	4344 7863
Ap	2221 0233	1020 2221	2212 2112	3222 1222	2333 2322	3544 2123	3222 0243	5454 6633
Pi	3323 3222	2302 4321	0202 2122	1312 0222	1324 0623	3312 2202	0040 2024	5555 6644
CT	2221 3221	2223 2200	0232 1110	0322 2221	1123 4543	2331 2200	0123 1233	4455 7854
Wa	3221 1222	1211 1112	2122 1202	2322 1121	1233 4533	3333 3211	0223 1244	5555 7763
To	3321 1222	3211 1122	1222 1112	3212 0112	2233 4532	3433 3121	1223 1134	4565 7744
Am	3321 2122	3201 1121	2223 2211	2112 0122	2233 3433	4423 3122	3222 1233	4565 7744

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1944--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	3644 5546	6443 3333	2524 3332	5244 3335	6533 4221	5222 3433	3233 2312	1112 2221
Iv	2756 5555	5454 3333	2433 2224	3352 2325	6532 3222	3211 3234	3322 1212	3211 1213
Co	2467 7756	5475 4322	0223 2110	0022 0211	2222 2211	1100 3322	2013 2100	0000 2100
So								
Le	1445 5756	3332 2332	1112 1232	0121 0123	4310 1212	2101 2243	2010 1112	0001 1100
Do	1455 7667	4432 3333	1111 1333	1121 0233	4310 1212	2100 2343	2000 0122	0000 1100
Me	3477 7656	4553 3311	1233 1111	1011 1112	2322 2211	1000 2111	1212 2000	0000 1110
Si	2368 8856	5653 3221	1124 1111	1241 0221	3312 2211	1100 2122	2112 2111	0000 1100
Es	1444 5645	3332 2333	0122 2232	1121 0223	3211 1212	1011 2233	2121 1112	0011 1111
Sl								
RS	1554 6655	4332 2422	0212 1332	0112 0133	4311 2112	2001 1343	2111 0022	0001 0100
Ag	2255 6555	5642 2231	0223 1222	2231 2323	4422 3222	2100 1222	2224 2211	0101 1211
Wi								
Ab	2554 5656	4332 3333	1222 1233	1221 1234	4321 2211	1111 2243	2120 1112	0011 1111
Sr	3445 8865	4454 3321	2222 2221	1231 0222	3221 2321	1101 3232	2111 2111	0000 2210
Ni								
KP								
Ya	3455 5756	4444 3322	2223 2222	1232 1332	2322 2321	2111 2233	3211 1221	1101 3221
Ch	2655 5556	5542 2221	1223 1221	2331 1223	3421 1212	2111 1233	2211 0111	0000 0110
Za	2244 5545	4324 3431	0111 1312	1122 1223	3221 1312	1111 2222	1111 0121	0101 1220
VD	2344 6666	4334 3421	2112 1323	2112 0233	3231 2422	1111 2333	2122 1232	1121 2220
Eb								
St								
Zy	3556 6765	4434 3421	2332 1211	1232 1323	3322 2311	1213 2333	1122 1121	1321 2210
SF	3553 6667	5434 2333	2322 2323	2323 0334	4321 2222	2013 1233	2131 1132	0003 2212
Tu	3555 5555	5543 2323	2323 1211	1232 1123	2422 1222	2111 2232	2211 1221	1100 1200
Du	3345 6765	4433 3432	2333 2432	2232 2334	3322 3222	2333 3343	2322 2232	1222 3322
Ke	3454 6654	3323 3421	2222 2322	1232 1232	2331 3220	2232 3332	1222 1221	2431 3211
SJ	2444 4444	4430 0211	1212 1200	1231 1221	2310 1101	2001 1232	2111 1210	1101 0000
Ka								
Ho	3444 4454	3432 1112	1212 0000	1221 0011	2222 1001	1201 2122	1110 0001	1000 1001
ZS								
Al								
Hu	3333 5655	4321 3431	2211 2321	0110 2232	2311 3322	1101 3432	1001 2311	0101 2411
Ap	3435 4464	5433 2133	3322 1122	2322 2123	3122 1123	3312 2133	3111 1221	0110 1122
Pi	3444 3565	4432 4312	2311 2232	1212 1233	2312 3132	2213 0223	3201 2132	0201 2330
CT	3334 5656	4433 2222	2222 1222	1223 2233	3211 3211	1212 3222	1123 2111	0212 3100
Wa	4446 6664	4443 2323	3332 2322	3342 1222	3322 2323	1221 2233	2232 2222	2322 2221
To	3546 5655	3443 2312	2322 1213	2231 1223	2231 2312	3222 3232	3332 1113	2321 1112
Am	4455 5555	3542 2222	3333 1232	2321 2122	4332 1122	2211 2123	2322 1112	2211 1111

Obs'y	25	26	27	28	29	30	31
Go	2112 2222	1114 4523	3333 3336	6213 4322	1432 3243	3333 3334	2222 3325
Iv	4311 1113	3213 2324	5444 4446	4124 4221	4543 3254	5444 3235	3331 1335
Co	0001 0100	0002 2210	1237 7756	5024 5310	0135 3322	2246 5323	2001 3311
So							
Le	1002 1002	1102 2223	3322 5766	6112 2221	0222 1242	3311 2324	1111 2224
Do	0000 0011	0002 2232	3222 6766	4112 2222	0312 2253	4312 3334	2110 2124
Me	0011 0000	0002 2211	2257 6545	2134 4201	1234 2233	2254 3212	0211 1212
Si	0001 0100	0012 2321	2246 6645	5123 4211	0133 2233	2234 4223	1112 2222
Es	1012 1101	0003 2223	3323 3645	4112 2211	1222 1242	4322 3334	1111 2124
Sl							
RS	1001 1112	1112 2232	3323 5645	4112 3322	1322 1342	4322 3434	2100 1224
Ag	1101 1111	0002 2222	3245 4435	5123 3211	1422 2233	3443 3223	1211 2222
Wi							
Ab	1111 1111	0113 2333	3323 4655	5223 3321	1321 1243	4321 3334	2112 3124
Sr	0000 0120	0103 2322	3234 6655	5123 3311	0223 2343	2334 4333	2011 3232
Ni							
KP							
Ya	2211 1201	1113 3322	3234 5654	3122 3321	1223 3333	3333 4333	2111 3222
Ch	1000 0101	1102 2223	4345 4435	5223 3221	1322 1132	3532 3223	1210 2112
Za	0101 0100	0002 1222	2223 5655	4211 2322	0112 1233	2112 3233	1101 1123
VD	1111 0211	1112 3333	3324 6655	5312 3431	2233 2433	3332 3334	2221 2223
Eb							
St							
Zy	2211 0200	0103 3422	3354 5756	5312 4421	2233 2352	3342 3434	1221 2112
SF	2023 2212	0014 3433	3335 5546	6324 4522	1333 2343	3222 2344	2222 3123
Tu	1111 0202	1003 2323	5335 5455	6124 3322	1322 1233	3434 3323	1321 1213
Du	2322 1213	1344 3433	4334 5655	3332 4433	2333 3253	3322 3434	2233 2234
Ke	2222 1111	1233 3423	3345 5655	4222 3422	2232 2242	3333 4334	2223 2233
SJ	0000 0100	0103 2322	3323 4544	5203 3411	0311 0133	3332 3323	1100 0202
Ka							
Ho	1000 0000	0003 2323	4323 3433	5123 2311	0212 0021	2223 3122	1001 1101
ZS							
Al							
Hu	1001 1210	0003 3443	4322 4553	4113 4432	1210 3332	2322 3333	0001 2332
Ap	2111 0103	3203 2323	4333 3235	4323 3323	2323 2243	4323 3232	2122 2022
Pi	1203 3021	1104 2423	5422 2443	5225 0533	0311 1013	3323 3234	0102 0212
CT	1123 2100	0114 2433	4234 5545	5135 3412	1233 2232	2222 1222	1121 3022
Wa	2112 1211	2213 2423	4334 3655	3323 3322	3322 2223	3423 3223	3211 1112
To	1221 0103	2223 2313	3334 4543	5223 3311	2323 2333	3323 3222	3221 2212
Am	2211 1012	3213 2223	4434 4553	5322 3311	2223 2222	3333 3232	2121 2222

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1945

Obs'y	1	2	3	4	5	6	7	8
Go	4323 3343	4243 3222	1233 3231	1122 2333	3222 3221	4233 3212	2222 2212	1222 2222
Iv	3324 2255	5342 2232	4324 3331	1111 2365	5234 2111	5213 2123	4411 1122	4111 1111
Co	0105 3322	3232 4311	1005 3220	0003 3242	2224 2200	0005 2000	0101 0000	0022 2200
So								
Le	2112 2143	3221 1222	1012 1240	0001 2244	2111 2020	3111 2002	0101 2122	2000 2110
Do	2101 1143	4000 0322	0012 1340	0000 1344	2100 1030	3001 1012	0102 2023	1000 1010
Me	1114 2122	3242 3221	0025 2222	1002 2222	2233 1100	1014 2100	1111 0101	1032 1101
Si	1114 3222	2232 3322	1034 2221	0002 2232	1233 1110	1015 2000	1111 0101	1021 2201
Es	2222 4243	3221 2212	1122 2240	0001 2344	2111 1120	3121 1012	1202 2112	1100 2120
Sl								
RS	3122 2243	4221 1322	1112 2340	0000 1354	2121 2120	3112 2112	1101 1033	2000 2111
Ag	1113 3232	3242 2211	1224 2231	0001 1233	2312 1111	3112 2122	2301 1122	0021 2201
Wi								
Ab	2222 3243	4221 3322	1112 1241	0110 2344	2111 2120	3111 1023	1212 2112	1110 2211
Sr	2114 3233	2221 3422	1114 2331	0002 3243	1113 2210	1114 2011	1102 2111	0011 3111
Ni								
KP	2212 3242	3122 2423	2113 3341	1101 2344	2120 1231	3112 2222	1213 2123	1122 2212
Ya	3213 2343	3331 2332	2124 2331	1122 3344	3323 3211	2114 2111	1212 2112	2121 3211
Ch	1112 2132	3231 2221	1224 2231	0001 1233	2211 1111	3113 1012	2312 2112	1011 2101
Za	1111 1242	2121 3221	1122 2331	0001 1233	2101 2110	2112 1002	0111 1012	0000 2211
VD	2233 3243	3223 2422	2113 3343	1113 2344	2222 2121	2132 1122	1132 1222	0121 1111
Eb								
St								
Zy	1133 2242	1221 2422	2124 2331	0102 2354	1122 2120	1123 2111	0213 2101	0000 3211
SF	1033 3343	3132 3322	2223 3232	0012 3434	2013 2101	3123 2223	1113 2121	1112 2221
Tu	1213 1233	3332 2222	1124 2232	1011 1333	2222 1101	2114 1121	2312 2111	1121 1001
Du	2233 2243	3123 3331	1213 3341	1112 3445	1212 3121	2222 2222	2223 3213	1121 3112
Ke	2234 2243	2223 2312	1233 2341	2233 1434	2132 1130	1232 2221	2233 2212	1212 3212
SJ	1122 0122	3231 0222	0012 1131	0000 0133	2101 0000	3112 1121	1212 1100	0000 0001
Ka								
Ho	0112 0022	1221 2211	1003 1011	0001 1021	2011 0001	1113 1021	0213 2000	0010 1001
ZS								
Al								
Hu	0110 2331	2231 3331	1112 3321	0102 3231	2100 2211	1112 3232	1213 4322	1011 3212
Ap	2222 2023	3312 2232	2213 1233	2301 1132	2322 2112	1112 1123	2323 2122	1210 2222
Pi	1223 2332	3331 3321	1112 2102	2202 1352	2101 0312	2212 0122	2213 2112	2122 3121
CT	0031 1133	1223 3211	1132 1221	1022 1333	1010 1111	2112 2112	0203 3101	1012 2101
Wa	2223 2233	2322 1132	2213 2231	1112 2233	2221 1111	1133 2112	1223 2111	1122 2111
To	3223 3233	3221 2311	2323 2132	2211 3142	2211 2122	3333 2123	2223 3012	3112 3112
Am	2223 2332	3222 2222	1213 2222	2222 2223	2322 1122	3323 2001	2323 2012	2211 2112

	9	10	11	12	13	14	15	16
Go	1113 3434	6354 4330	3122 2212	2121 3322	6433 1210	1011 2322	3544 4452	6333 4323
Iv	3222 1225	5455 3231	3111 1113	3121 2233	5442 1110	1111 1212	4555 4553	6444 3325
Co	0011 1413	4456 5330	0000 0000	0000 3311	2232 0000	0000 0000	2157 7782	3334 2212
So								
Le	0001 1215	6332 3230	1000 0021	0000 2132	3311 0000	0000 1000	1332 3673	3221 1134
Do	0000 0215	6332 3330	0000 0021	0010 0242	3310 0000	0000 2000	1323 3773	3212 1135
Me	1022 1213	5455 5220	0010 0111	0010 1111	2332 0000	0000 0011	2346 6562	2444 1212
Si	1021 1213	4355 5220	0010 0100	0010 2221	2332 0000	0000 0001	2337 7672	2444 2112
Es	0012 1215	5332 3230	1000 1011	1010 2132	3311 0000	1001 1101	1333 4653	4222 1134
Sl								
RS	0001 2225	5443 3340	1000 0021	0000 2242	3321 0000	0100 1101	1343 4653	4222 2134
Ag	0021 1324	5444 3231	0010 1111	1010 2132	3332 1110	0000 0212	2444 4552	4343 2213
Wi								
Ab	1111 1325	5443 3330	1000 0011	0011 2232	3321 1100	1111 2112	1443 4553	4333 2234
Sr	1001 1324	3344 5331	0000 1110	0010 3222	2222 0100	1111 1111	2335 5663	2333 2223
Ni								
KP	2122 2315	5343 4331	1111 0121	1122 3333	3323 2201	1222 2121	2343 5653	4222 1233
Ya	2121 1323	3453 4320	0000 0101	1111 2322	2232 1101	2211 1211	3444 5653	3333 2223
Ch	1021 1325	5443 3120	0000 0000	0010 2121	3332 0000	1111 1122	3433 4463	4343 1113
Za	1001 0214	5333 3320	0000 0011	0000 1212	2110 0000	0000 0100	1112 4553	4111 0012
VD	1112 2314	4323 4330	0011 0011	1201 2122	3211 0000	0000 1111	2343 4542	2222 1123
Eb								
St								
Zy	1111 2325	4453 5320	0000 0011	0010 2221	2222 0100	1112 1212	2455 6652	2213 2222
SF	2222 2236	6333 3311	1212 3212	1121 3222	3332 2311	1133 3032	2454 5553	5333 1333
Tu	1121 2325	4344 3331	1010 0111	0020 2222	2432 1101	1112 2213	3534 5663	3343 2222
Du	2222 3435	5443 4431	1121 1222	2222 3232	3432 2111	2223 2213	3455 5653	3323 2333
Ke	2313 3325	4444 4431	2222 0211	2221 3232	3322 1101	2122 3223	3553 5653	3223 2233
SJ	1011 1326	4343 1120	0000 0000	0010 2021	2321 1100	1111 1112	3432 3553	3231 1213
Ka								
Ho	0001 1214	3343 3200	0000 0001	0010 1121	1220 0000	1111 1102	3434 3332	2232 0101
ZS								
Al								
Hu	1111 3534	3332 3320	0000 1211	0021 3432	1310 2311	1111 2322	3322 4463	3211 2323
Ap	2212 2235	3334 3122	2210 1122	1221 1122	3322 0222	2212 2123	3544 3433	2223 1133
Pi	1212 4416	4442 1300	0100 3212	2022 0032	3312 2310	2212 3143	3533 3414	4203 0133
CT	1111 2325	4324 3300	0113 0101	1222 3211	2323 3100	1213 2112	3442 5543	3323 3223
Wa	1212 2323	5454 4321	1111 1111	1121 3112	2322 2112	2223 2212	3345 4553	2223 1222
To	2332 2325	4554 4221	3211 0012	3331 2212	3232 1100	2232 1111	4445 5562	3223 1112
Am	3212 1224	4443 3222	2121 1113	2321 2221	3321 1122	2222 2123	3434 4562	3333 1122

" Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1945--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	4344 4432	2113 3223	2423 3422	5454 3221	3533 3222	3122 3221	2222 2222	1022 1111
Iv	5434 3332	2211 2245	5432 2333	4444 2223	4432 2232	4221 1214	5331 1123	3211 1111
Co	3315 4330	0001 1112	2203 4421	0245 5110	1111 3100	0002 2010	0001 2000	0000 0000
So								
Le	3312 1242	1000 0133	2211 1242	2212 2211	1110 1013	2110 0102	1101 1011	0000 0000
Do	3213 2352	0000 0124	2211 2252	1121 3112	1210 0013	2000 0002	0000 0021	0000 0000
Me	3425 2221	1001 0112	2213 3321	1344 3111	1310 2110	0010 1100	0010 1010	0000 0010
Si	3524 3331	0002 0222	3212 2321	1224 3121	1211 2101	0101 1110	0011 1000	0000 1000
Es	3223 2242	1010 1223	2221 1242	2312 2211	1111 1113	2111 1112	1101 1012	0001 0000
Sl								
RS	3223 2352	1000 1123	2221 1351	2323 3211	2111 1113	1110 1111	0101 0011	0000 0000
Ag	4534 2131	0111 1223	3301 2221	2332 3221	3311 2221	1011 2121	1211 1111	1000 1110
Wi								
Ab	3213 2342	1011 1134	2322 1342	2322 3211	1111 1113	1111 2212	1111 1012	0011 0100
Sr	2325 4341	1001 2222	2221 3332	2223 4211	2110 2211	1101 2111	0100 2110	0010 1011
Ni								
KP	3323 3452	1231 2224	3321 2342	2322 3312	2112 1223	1232 2221	2221 1121	1112 2101
Ya	2313 4341	1100 2222	2322 3432	2132 4211	3211 2222	1112 1221	1211 1111	0111 1111
Ch	4424 2131	0100 1123	3311 1321	2232 3221	3310 2211	1011 1111	1210 1001	0000 1010
Za	2002 3341	0000 0012	2110 1332	1122 2110	1011 0112	1000 0011	0000 0010	0000 0000
VD	2222 1143	2010 1232	1222 1342	1111 3201	1110 1212	1000 0111	0011 1121	0002 0000
Eb								
St								
Zy	3324 4341	0120 2122	1212 1442	1122 4211	1111 2112	0001 0112	0010 0000	0000 0000
SF	3333 2331	0121 1233	3333 1331	3333 3213	2213 1113	1021 2213	1112 1232	1021 1110
Tu	4424 2241	0001 0122	2212 1332	1333 2221	2321 2111	1010 0212	1110 0100	0000 0100
Du	3323 3352	1122 2233	2213 2353	2233 3222	2111 2233	2222 1222	1111 1011	0111 1111
Ke	3323 3341	2222 1223	2333 2443	2233 3212	2221 2223	1113 1212	1222 1121	1132 1121
SJ	3312 2131	0000 0112	2210 0320	1222 1210	1210 0000	0000 0110	0100 0000	0000 0000
Ka								
Ho	2323 2131	1000 0011	2111 1111	1112 2100	1211 1001	0000 0002	0000 1010	0000 0000
ZS								
Al								
Hu	2212 3340	0000 2332	2111 3431	1211 3331	1211 2211	0000 1320	0100 2210	0011 1110
Ap	1314 2222	2100 2233	2112 1231	1312 3223	4211 2212	3101 1113	3411 1231	1121 1032
Pi	4302 1432	1202 3353	3223 2341	1201 2003	2221 1213	1100 3004	0202 2023	0011 2022
CT	2235 3232	1122 1131	1121 3322	1113 3111	1101 2102	0000 1201	0011 0010	0021 1010
Wa	2324 3331	1111 1223	2222 2332	2222 3212	1221 1112	1211 1121	2222 1112	1111 1121
To	3324 3332	0121 1222	2312 2322	2323 3111	2221 2112	3221 1211	2321 2011	1211 1021
Am	4324 3232	1110 1233	2322 2233	2323 3122	2221 2122	2111 2111	1321 1022	1211 1012

	25	26	27	28	29	30	31
Go	2021 2221	2113 3342	3223 3331	3211 2334	6544 4443	5644 3322	2222 3312
Iv	3121 1112	2112 2333	6323 3221	5311 1236	7555 3566	6644 3322	3311 1222
Co	0000 0000	0002 3221	0033 4100	0000 2223	4854 5643	2324 5410	0000 0000
So							
Le	0000 1100	0002 1232	2000 1000	2101 1246	5743 3454	4322 1211	1100 0003
Do	0000 0000	0001 2331	2000 1010	2100 1246	6743 3565	4322 2333	2202 2010
Me	0000 0000	0012 2221	0012 2121	1000 1233	6764 3543	2434 3311	0012 0011
Si	0011 0000	0002 2232	0012 2121	1100 2233	5964 5543	2533 4311	0002 0111
Es	0001 1100	1012 2332	2111 1111	2101 1245	5532 3454	3422 2312	1111 1103
Sl							
RS	0000 0100	0001 2332	2111 2110	2100 1345	5542 3565	3422 2401	1100 0003
Ag	0110 1211	0112 1331	2212 1221	2100 1244	5754 3433	3522 3211	1212 1211
Wi							
Ab	0001 1000	0012 2332	2112 2120	3111 1344	5532 3555	3422 3312	1111 2013
Sr	0000 0110	0011 3332	2111 3211	2110 2345	4553 4453	3432 4321	0111 1001
Ni							
KP	0121 1110	1113 3342	2222 2223	3212 2355	5543 4654	3443 3511	1112 2213
Ya	1510 0111	1121 3332	2112 3110	1121 2344	5443 4543	2333 4421	1111 1211
Ch	0010 0000	0012 3331	2211 2231	3100 2244	5633 2343	3522 2221	0212 1111
Za	0000 0000	0001 1232	1000 2010	1100 0234	5432 4665	3311 2401	0110 0102
VD	0111 0110	0113 2322	1200 2210	1011 1334	4433 3553	2322 2300	0001 1101
Eb							
St							
Zy	0000 0000	0212 3422	0012 3111	1121 1345	5533 4565	1144 3243	0010 1100
SF	1213 1100	1233 3343	3211 3221	3212 2354	6543 3654	4423 2312	1102 3103
Tu	0010 0110	1013 3421	2212 2222	3101 2355	4643 2353	4532 3222	1201 1101
Du	1111 2111	1223 4433	2121 2222	2122 3354	6533 3563	4333 3321	1121 2112
Ke	0012 1121	2233 4433	2222 3211	2122 2354	5333 3563	3333 4321	2321 1112
SJ	0000 0000	0023 2432	1001 2132	3111 2255	4432 2443	3422 2210	0001 0000
Ka							
Ho	0000 0000	1012 2220	1001 1012	2101 2355	5532 1333	3331 2211	0000 0011
ZS							
Al							
Hu	0000 1110	0012 4531	1001 3333	3111 3344	3432 3443	2311 3321	0001 3322
Ap	2310 0232	2333 3322	3311 3123	4212 2355	5433 3332	2323 2102	2111 1112
Pi	0100 1132	1223 2431	1102 2032	4223 2365	4542 1333	4312 0002	1101 0202
CT	0021 2011	0133 4343	2122 2112	2112 2154	4523 4544	2212 3211	0112 1101
Wa	2111 0111	1123 3332	2122 3122	3222 2344	5533 4554	2443 3311	1221 1111
To	2112 0001	1123 3322	3412 3221	3111 2444	4443 4443	3432 3311	1321 1111
Am	2221 0022	2222 3333	3222 3123	2121 2344	4653 3343	3322 3221	2221 1122

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1945

Obs'y	1	2	3	4	5	6	7	8
Go	2222 2321	1133 3332	3223 3321	1333 2322	3653 3332	5334 3332	1133 4332	4334 3435
Iv	5521 1222	2333 3325	5322 2213	4522 1223	4654 2236	5345 3232	2244 2232	6454 3326
Co	0130 0010	0015 6621	2103 3300	0100 0111	1336 4312	2235 1121	0014 1111	1225 6322
So								
Le	2200 0000	0011 3333	2201 1101	1210 1102	2442 2122	4222 1122	2112 0130	3322 2314
Do	0000 0000	0001 3343	2101 0101	0110 0101	0442 1032	3012 1123	2112 1111	2212 2404
Me	0100 0111	0024 4321	1312 1100	0320 0110	1455 2222	1235 2121	1033 1112	2244 3312
Si	1100 0120	0124 4521	1312 1310	0310 0111	1445 3331	2225 2121	0033 1221	2334 3312
Es	2210 1110	1012 2333	3201 1201	0211 1102	2342 2131	3223 1222	1122 1231	2222 2313
Sl								
RS	2200 0111	0011 3343	3201 1201	0111 1212	2442 2131	4123 2132	1112 1241	3222 3424
Ag	1300 2221	1122 3222	3312 2221	0310 1211	1543 2221	4335 3121	0033 2222	3333 3313
Wi								
Ab	2201 2101	0122 3433	3301 1201	0212 2112	3443 2231	4223 2121	1112 1131	3333 3414
Sr	1110 0011	1103 4532	2213 2301	1110 0211	2443 3232	2114 2321	1013 1332	3333 3313
Ni								
KP	2222 1121	1322 4333	2121 1211	1211 1222	2442 2241	4123 1233	1222 2342	3332 3414
Ya	1211 1010	1113 4431	1212 2311	1111 1212	2433 3332	2224 2131	1223 1221	2233 3322
Ch	2310 0121	1122 3232	3301 1100	0310 0111	2543 1222	4234 2121	0133 1222	3333 3213
Za	1110 0101	0011 3433	3011 1200	0011 1111	2443 2241	3113 2232	2112 1342	2222 4414
VD	1001 1120	0003 3231	1201 1301	0101 0211	2432 2231	2023 1221	1123 0042	2123 4413
Eb								
St								
Zy	0121 1110	0013 4432	1322 2300	0121 1221	2553 3331	3124 1231	0023 1331	3234 4414
SF	3213 0211	1123 3433	3212 1212	1322 2212	3443 1341	5333 1121	1022 2221	3322 3324
Tu	2210 0111	0122 3222	2322 1211	0320 0222	2553 2232	4234 2122	0133 1222	4433 3223
Du	→ voir page 304 de ce livre							
Ke	2232 2221	2234 4332	2332 2311	2221 2321	3544 2332	3314 2222	2323 2231	2133 3413
SJ	1201 0110	0011 2121	1301 0010	0300 0211	2332 0232	3223 0011	0011 0120	2222 1212
Ka								
Ho	1100 1010	0002 2111	0202 1101	1210 0111	3542 2132	3113 1022	0021 0011	3233 2112
ZS								
Al								
Hu	1111 2330	0111 4431	0201 3210	1210 2321	2322 2342	2123 3331	1011 2331	2212 4333
Ap	3221 1021	3113 2232	2202 2211	2121 1133	3542 3242	2323 2213	0210 1122	3333 2214
Pi	1211 2333	0012 3303	2302 1102	2312 0201	3323 1242	2223 2203	1112 1232	2313 2024
CT	1211 1110	0223 4322	3202 1101	0233 3211	3233 1342	4011 2221	0023 2221	2323 4313
Wa	2231 1111	1124 4332	1311 2211	1221 1222	2443 3232	2223 2231	1122 1231	3233 3312
To	3331 1112	1123 4332	2322 1221	2220 0213	3443 3222	3223 1121	1222 1122	3343 3313
Am	3311 0022	2322 3222	3322 1211	2220 0212	3333 3222	3223 2121	1223 1122	3333 3212

	9	10	11	12	13	14	15	16
Go	5234 3334	4333 3333	5444 3421	4342 3322	1222 3221	1122 3333	4324 5434	5434 4434
Iv	5355 3324	5444 1224	5553 2332	4551 2212	3321 1211	1111 2243	5445 4345	6454 3444
Co	3255 6311	1136 0000	1113 2410	0120 0000	0002 3000	0001 3121	3246 6332	3325 6432
So								
Le	3121 2233	2212 0012	2222 1311	2221 0202	0001 1001	0001 1023	4322 3254	4322 3353
Do	3112 3333	2212 0022	2222 1310	0220 0202	0000 1001	0000 1123	4323 4344	4122 3363
Me	1255 4221	1235 1111	2332 1221	1330 0100	0012 2100	0000 1222	3337 6232	3244 4322
Si	3245 4321	1124 0021	2333 1311	1331 0100	0002 2000	0001 2122	2227 7232	3233 4332
Es	3232 3233	2213 1112	2222 1311	2232 1202	1011 1101	0011 2123	4323 3244	4222 3253
Sl								
RS	3222 4333	1213 1022	2232 1310	2232 1302	1112 1001	0001 2123	4323 3244	4122 3463
Ag	4233 2222	2334 1121	2432 1311	2230 1101	0102 2110	0001 1123	4334 4233	6333 4333
Wi								
Ab	3233 3334	2323 0121	3332 1321	2231 1213	1101 1001	0121 2133	4333 4354	5323 4353
Sr	4235 4332	2123 4021	2222 1301	1220 1311	1002 2101	0101 2133	3326 5333	2224 4343
Ni								
KP	3222 4334	2233 1222	2221 1411	2211 2302	1121 2101	1022 1234	4234 4354	4233 4464
Ya	2224 3332	1124 1122	1311 1310	1210 1311	2102 3211	1111 2233	2214 4433	3233 2343
Ch	3233 2222	2334 0122	2432 1311	2230 1101	1102 1000	0001 1223	4324 4243	5233 3332
Za	4222 4333	2123 2122	2221 2411	1120 0223	0000 1100	0001 0223	3123 4253	3112 4353
VD	3222 4331	1223 1122	2223 2311	1320 0012	0122 2101	0122 1233	3223 4343	3223 3343
Eb								
St								
Zy	5234 4242	1224 0121	2323 2311	2331 1131	0111 2100	0111 1333	3335 5344	2233 5353
SF	4343 3323	3223 1121	3332 1321	1331 1112	0021 2110	0001 1234	4334 4254	5233 4353
Tu	4334 3222	1324 0121	3432 1221	2330 1112	1112 2100	0101 1223	4435 3233	4333 3333
Du								
Ke	3323 4331	1234 1121	3322 2320	2421 2201	1133 3101	2232 2333	3344 5244	3233 4352
SJ	2232 2121	0112 0010	1321 0300	1220 0000	0000 0000	0101 0223	3422 1233	4232 2232
Ka								
Ho	2223 2012	0013 0011	2222 0100	0310 1000	0002 1000	0101 1113	3333 3232	2223 3231
ZS								
Al								
Hu	2232 3442	0102 2332	1221 3532	1120 2310	0001 2200	0101 3333	3323 4442	3221 3442
Ap	3223 2132	3223 0022	1322 0122	2332 1032	1022 1120	2202 1233	4334 2233	2223 3322
Pi	3331 2201	0102 2101	2320 0330	0221 0112	0103 0110	0102 2234	3434 4232	4332 3322
CT	3212 2222	1124 1011	2323 3310	0223 0002	0113 3000	0123 1233	3233 4353	4212 3243
Wa	2223 3322	2223 1111	2222 2311	1321 1211	1111 2100	1112 1223	4435 5243	3123 4452
To	4334 3222	1234 0122	3332 2322	1320 2111	3211 2102	2212 1213	4435 5333	2323 4342
Am	3334 3222	2224 0023	3222 2122	2321 1121	1112 2121	2222 1223	3435 4233	3323 3333

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1945--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	2433 3443	4223 4433	3212 3212	2112 3331	1112 2211	2123 3223	3113 4331	2223 3333
Iv	3433 2346	5432 1225	5332 2224	3111 1212	2331 1112	3123 2324	4213 2222	4342 1233
Co	1125 3333	2210 4410	2002 2000	0002 2200	0001 0000	0002 4000	1103 3301	1012 1112
So								
Le	2111 1343	2121 2203	2111 2102	1000 2202	0000 0011	1001 2113	2002 2212	2101 1122
Do	1112 1453	3010 1003	2001 1001	0000 1202	0000 0012	0001 2123	2002 2211	2101 2231
Me	1132 2232	2221 3321	2120 1000	0011 2110	0010 0000	0033 2111	0012 2112	0222 1212
Si	1123 2232	2221 3311	2112 2110	1002 2210	0011 0000	0032 3221	1112 2212	1112 1222
Es	2122 2342	3121 2203	2121 1012	1111 2201	1101 1111	1102 3123	1002 3222	2112 1222
Sl								
RS	1221 1453	3121 2103	2112 1101	1001 2202	1001 1011	1002 2123	1002 2212	2111 1231
Ag	2222 2333	3221 1212	3311 1221	1011 2221	0210 0110	1032 2222	1012 2222	0112 2122
Wi								
Ab	2223 2453	3232 2113	2222 1012	1122 2211	1111 0111	1112 3223	2113 3322	2222 2232
Sr	2113 2342	1110 3202	2101 3101	0011 2310	1010 0012	1103 2211	1102 3212	2211 1232
Ni								
KP	2232 2442	3222 2213	3122 2112	2222 2312	1121 0022	1123 2223	0223 3331	2132 2242
Ya	2121 3332	1200 2100	1101 2101	1101 1302	1110 0110	1112 2212	1012 3212	1211 1133
Ch	1222 2233	3221 2112	2221 1011	1010 1111	1210 0011	1022 3222	1002 2122	1211 1133
Za	2121 2342	2000 1102	1000 0001	0001 0200	0000 0010	0101 1132	1103 2311	1201 0143
VD	2222 2342	2212 2102	1222 3211	1111 2312	2010 0222	0222 2222	1003 3321	2212 1222
Eb								
St								
Zy	1122 3442	1110 3202	1112 1111	1010 1302	0010 0010	0112 3222	0103 4222	0222 2232
SF	2123 3343	3122 2313	2111 2223	2012 2211	1111 2110	1013 2213	1114 4223	2222 3233
Tu	2222 1243	2220 2111	2121 1111	0011 1201	1110 0111	1032 2222	1113 2122	1221 1223
Du								
Ke	2233 3342	3111 2112	2231 1112	2121 1212	2211 1111	2123 3223	1123 4222	3322 2232
SJ	1111 0132	2210 0010	1200 0011	1010 0110	1100 0010	0022 2122	0003 2232	0201 1232
Ka								
Ho	0002 2121	1110 3011	0000 1001	1010 1200	1010 0000	0022 2101	0103 3122	0201 1022
ZS								
Al								
Hu	0110 2432	2111 2321	1101 2221	1011 3311	1000 1221	0112 4332	1003 4333	1201 2443
Ap	0112 2222	1110 3123	3101 2223	2110 1223	3210 1113	3113 2123	2203 3133	2321 1232
Pi	2111 0222	2301 0001	1302 3013	1212 2301	2102 2100	0223 2212	1104 2312	2201 1032
CT	0012 2331	1022 3113	1223 3212	1122 2111	2332 2120	2233 3213	0125 4212	1323 2232
Wa	2123 3342	1121 3212	2111 1211	1121 1311	1110 0011	1123 3222	1113 3322	1332 2232
To	2223 3242	1221 3222	2221 2112	1121 1302	1221 0011	1232 3222	1213 3322	2332 2222
Am	3222 2223	2220 3212	2111 2111	2220 1202	1110 0011	2212 3212	2103 3212	1322 1132

Obs'y	25	26	27	28
Go	5434 3332	2323 3344	5333 5563	3333 3332
Iv	6444 2133	2432 3373	5333 2576	5453 1331
Co	3323 2121	1211 3763	2132 5432	2200 2320
So				
Le	4222 1052	1211 2554	3222 2253	2111 1241
Do	4211 1052	0210 3554	3232 3263	2111 2242
Me	3344 1121	1332 2443	1343 3332	2300 1210
Si	3433 2232	1222 2553	2343 3242	2310 1310
Es	4212 2152	1212 2544	3232 3353	2211 1241
Sl				
RS	4211 1152	1211 2654	3222 3263	2211 1241
Ag	3433 1132	1422 2443	3243 3333	4311 2221
Wi				
Ab	4323 1153	1211 2555	3231 4363	2211 1341
Sr	4322 1233	2222 3554	3332 4353	2200 2332
Ni				
KP	4222 2242	2221 2654	3233 4353	2212 2342
Ya	3233 1222	2212 2544	2233 4343	2200 1321
Ch	4432 2133	1321 2453	3232 3242	3310 2121
Za	4220 1142	1100 1664	4220 5453	1200 1341
VD	3222 2242	1211 2553	2232 3342	1211 1230
Eb				
St				
Zy	4223 2242	1212 2654	2232 4452	3211 2331
SF	4233 3342	1221 2564	4133 4353	3212 3331
Tu	4422 2233	2321 3454	3232 2243	2411 1121
Du				
Ke	4223 2233	1221 2554	2231 3342	2331 2130
SJ	3312 1232	1201 1443	2231 2242	2300 0110
Ka				
Ho	3211 0031	1201 2443	1230 2131	2200 0100
ZS				
Al				
Hu	3311 3342	1112 4553	1121 4331	2201 3320
Ap	3312 1232	1321 2333	2232 3132	3221 1232
Pi	4312 3042	1321 3534	2320 1232	2300 1031
CT	3214 2331	1213 2554	3233 3342	1212 2320
Wa	3222 2132	2311 3443	2332 4332	2211 2221
To	3322 1222	1211 1443	1231 4331	1111 2221
Am	3323 1133	2311 1444	2232 3332	2210 1213

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1945

Obs'y	1	2	3	4	5	6	7	8
Go	3323 3321	1123 3321	4234 3331	2122 3223	3223 4343	4133 4343	2234 3431	2545 6521
Iv	5423 3313	5344 2211	5344 3332	3312 2235	5332 2455	5244 4344	5344 2324	5554 4311
Co	0115 2100	0000 0230	2445 4210	1002 3111	1013 4563	2124 4432	1265 2221	2337 6610
So								
Le	1101 1100	0011 2310	3222 1221	1011 1113	2111 2565	3122 2453	3112 1221	3423 3420
Do	2101 1200	0001 2400	3222 2230	1001 1122	3100 3675	3223 3452	3112 2321	3423 4400
Me	1124 1110	0002 1211	1466 3210	1002 1112	1212 2344	2144 4322	1256 1210	1446 6520
Si	1123 2100	0001 2311	2345 3221	0002 2111	1112 3543	2143 3332	1244 1221	1346 5520
Es	2112 2200	0011 3311	3222 1320	1122 2212	2122 3455	3122 3443	3122 2321	3323 3410
Sl								
RS	2112 1110	0001 2401	3222 1330	1011 1122	2112 3455	3123 2543	3222 2331	3424 3410
Ag	3213 2211	0101 2311	3333 3221	1212 2222	1211 2343	2243 3332	2334 2211	1544 4321
Wi								
Ab	1112 1100	0011 3311	3233 1321	1111 1123	2122 3455	3222 3443	3132 2321	3433 3411
Sr	1213 2201	1111 2311	3333 2321	2211 2112	2211 3555	2232 3543	1234 2321	2335 5410
Ni								
KP	2223 3201	1023 2411	3333 2322	2222 2222	2222 2565	1133 4544	3323 3322	2434 4511
Ya	3222 2212	2211 2421	3333 3332	3222 2222	3212 3544	3233 4532	2333 1211	3335 4411
Ch	3213 1111	0112 2222	3333 2120	1111 1122	2311 2344	2142 2233	2323 2212	2434 4411
Za	0001 1100	0001 0410	2211 1220	0001 0012	2001 2554	2112 3433	3121 2411	2214 4520
VD	0222 1211	1100 1410	2232 2220	0001 1111	1321 2454	2122 3343	1223 1331	2334 4400
Eb								
St								
Zy	0003 2210	0000 2410	3342 3220	1121 2111	1123 5565	2232 4552	1123 2320	2335 5500
SF	2113 2231	1122 2411	3233 3330	1112 1013	3223 3553	3222 2442	3134 2322	3434 3521
Tu	2223 2211	0112 2322	3344 2210	1112 2222	2311 3444	2243 3323	2343 2212	2435 4422
Du	1233 3222	1222 3423	4233 3231	2222 3223	3233 4565	3222 3553	3234 3332	3445 4511
Ke	2123 1211	2112 2312	3242 3321	2222 0122	3211 3554	2232 3442	1223 2331	3445 4401
SJ	2202 0121	0001 2321	3322 1100	1101 0101	1311 2444	2131 2323	2221 1112	2334 4301
Ka								
Ho	0113 0011	1001 1212	2233 1010	1011 2011	1121 2343	2222 2223	1133 1111	2424 3301
ZS								
Al								
Hu	1111 2311	1101 3321	3212 2330	1111 2321	2211 4444	2122 4532	1211 3422	2223 5411
Ap	2113 1031	2101 1243	4333 1132	3011 2022	1122 2344	2222 2223	3233 0211	3324 4303
Pi	1201 2001	0000 3023	3313 3212	0201 2222	2301 4535	2133 3424	3213 3322	2333 2312
CT	1222 2111	1123 2311	2234 3320	1124 2022	2134 3553	2133 3332	1134 2311	3334 2401
Wa	1213 2211	1111 2422	3233 2321	2122 2111	2111 3544	2222 3433	2223 2322	2335 4411
To	1123 2110	1111 2311	2233 2321	1312 2011	2122 2343	2222 3432	1234 1112	2435 4413
Am	3223 1101	2111 1212	3334 2110	2122 2112	2211 2343	2222 3233	1244 1221	2434 4411

Obs'y	9	10	11	12	13	14	15	16
Go	2223 3334	3123 3322	5444 5652	4436 6455	5234 3321	2234 4443	6555 5635	4434 5435
Iv	1222 1345	3222 2216	5555 5544	4456 5576	3333 3222	3333 3346	7565 3556	5444 3536
Co	0102 2221	1010 0000	3446 6652	3257 7665	4146 4201	1014 2433	5464 4654	3237 5432
So								
Le	0111 0234	2011 1103	5523 5652	2224 4677	4112 2220	0121 2243	7533 3566	6322 3434
Do	0101 2221	2111 1103	6523 6652	2212 5677	0024 2210	3111 3244	7534 3666	6222 4544
Me	0011 0112	1000 0112	4457 6442	2566 7555	2145 4101	0334 2222	6563 3435	3346 4422
Si	0011 0122	1000 0111	3347 6541	3456 7655	4235 4200	1333 2223	6553 4535	4235 4432
Es	0122 1233	2111 2203	5434 4442	2224 4565	3123 3221	0121 2333	6443 4546	4323 3434
Sl								
RS	1111 0134	2111 1103	5424 5532	2225 5566	3113 2110	0211 2244	5443 4656	4223 3534
Ag	0101 1223	2111 1122	5555 4442	3445 5555	3234 4212	1342 2324	7663 3446	6434 3334
Wi								
Ab	0012 1334	2211 1113	6434 4442	3325 5565	3223 3211	0121 2344	6443 4646	4334 3544
Sr	1201 0323	2111 1013	4345 5541	2336 6655	4133 3202	2222 2233	5343 4654	3234 3533
Ni								
KP	2222 2344	2232 2113	5445 6543	3225 5566	3222 3011	2233 2334	6543 4656	3333 4534
Ya	2312 1332	2221 2222	3334 4541	3434 4645	3232 4211	2213 3323	6543 4554	4234 5423
Ch	1112 1113	1111 1113	4545 4442	3434 5445	3233 3001	0332 1223	6553 3536	5433 3334
Za	0000 0245	2101 0002	5324 5542	3125 5566	2112 3010	0112 2313	6332 3656	2134 3453
VD	0211 1122	1112 1102	3334 4431	2324 5555	2222 3010	0321 2233	5343 4554	3323 3433
Eb								
St								
Zy	0112 1244	2121 1103	4344 5651	3336 6566	3124 3100	1213 2343	6353 5655	3125 5533
SF	1102 2334	3112 2213	6234 3552	3235 6565	3114 3221	1222 2324	6443 5757	4334 3435
Tu	1112 0112	2121 1113	5544 5532	3445 5556	4224 3101	0333 2223	6563 4534	4433 2433
Du	2222 3334	2222 2213	5435 5443	3336 6566	3223 4121	2322 3344	5443 6655	3424 4543
Ke	2113 1233	2113 2113	4335 5433	3335 5555	3123 4211	2323 3244	4443 5554	3324 4543
SJ	1002 0213	1011 0113	4434 3431	2324 5345	3221 0001	0221 1223	5453 4545	4322 2333
Ka								
Ho	1001 0001	1111 1113	5334 3321	2235 3444	3123 2001	0222 0112	6343 4533	2224 3323
ZS								
Al								
Hu	1001 2320	1111 3322	4333 5651	2225 5555	3121 2222	0221 3333	5343 5744	3331 4432
Ap	2212 1122	2110 1023	5434 2341	3335 3544	4313 2033	2322 0133	6243 4533	2224 3322
Pi	0001 2322	3020 3024	4432 3422	3325 5435	3221 2112	0112 3234	5453 5635	4421 3333
CT	0022 1223	1212 2213	5334 5541	2225 6555	3022 3111	0224 3324	5433 5526	3333 3434
Wa	1122 1232	2121 1113	3234 5432	2335 5555	4223 3111	1223 3333	5343 5655	3224 4423
To	1212 1122	1121 1003	4335 4431	3435 4554	2233 3211	2322 2212	5343 4654	2234 4533
Am	2211 1112	2121 2112	3334 4332	4335 4444	4223 3101	1223 2133	4343 3534	3324 4333

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1945--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	4422 3336	3234 5434	2223 3322	3213 3465	2223 4432	2223 3311	2223 3222	1134 4533
Iv	3223 3546	5443 2345	5432 3335	4312 2222	6332 2442	4422 1211	4333 2221	1235 2333
Co	2130 0122	2115 5331	1101 3100	2144 3245	2223 1221	0112 0000	0114 1100	0124 4321
So								
Le	3221 1233	2212 3233	3111 1112	3100 1155	2211 1251	1101 0000	1100 0001	0012 2322
Do	3111 2333	2102 3323	2101 2111	3011 0065	1001 1260	1101 0000	1000 1110	0011 2323
Me	3232 1022	1322 1112	1101 1011	1143 1134	1124 2222	0122 0000	0112 1000	0125 2222
Si	2232 1112	2213 3221	1101 2111	1132 2155	2113 1131	0121 0000	0112 1100	0023 2322
Es	3121 1233	2222 3233	2112 2111	3111 1255	1121 1241	2111 1000	1101 1001	1112 2322
Sl								
RS	3110 1333	2223 2333	3201 1111	3201 1165	2211 1250	1200 0000	1100 0011	0002 2322
Ag	4232 2123	2321 3233	3101 1121	3122 1255	2223 2222	3311 0221	1222 1111	1124 3332
Wi								
Ab	3111 1234	2222 3333	3211 1111	3212 2155	1222 1251	1211 1001	1111 0111	0112 3332
Sr	2112 1222	1212 3322	2211 3111	2123 3153	2122 1241	1121 0011	0112 2111	0212 2322
Ni								
KP	3222 2224	2232 3343	3232 2222	3222 2265	3222 2251	1222 0110	1231 0112	1233 2333
Ya	3221 1232	2223 3322	2211 3211	2122 2264	3223 2342	1111 1011	0112 1121	2223 2433
Ch	4232 1123	2321 2123	3101 1121	3121 0055	1223 1231	2311 0010	1211 1011	0123 2233
Za	4201 0214	1012 2343	2100 2000	2000 0266	1011 0150	0000 0000	0000 1010	0022 0232
VD	2223 1222	2322 3322	1220 2111	1222 1045	2112 1120	0200 1000	1202 1111	2222 2232
Eb								
St								
Zy	2120 1222	1112 3323	1101 2212	1020 2266	2112 2241	0211 0000	0011 1010	0114 2322
SF	3222 1334	2223 3233	3222 2112	4122 2254	2222 1251	1211 1011	1112 3321	1112 2343
Tu	3332 1212	2322 2122	2201 1111	3132 1155	2222 1231	2221 1011	1212 1010	0234 2333
Du	3223 3323	2222 3333	2112 2322	3112 3265	2223 2352	1232 2111	1223 3222	2233 3333
Ke	3212 1322	2334 3333	3113 1211	3223 2156	3334 3341	1333 0110	2123 2121	3323 3332
SJ	3220 1022	2210 1222	2100 0001	3010 0164	2220 1241	1100 0000	0100 0000	0122 1222
Ka								
Ho	2111 0102	1222 2111	1201 1000	1022 0042	2121 1221	1110 0110	0002 0000	0123 1232
ZS								
Al								
Hu	3210 2322	1211 3321	2101 2221	3111 1344	1211 2332	1100 1210	0000 1210	0222 3432
Ap	2223 1232	2222 2123	3111 2022	3122 1044	2222 2120	2201 0022	3022 0021	0134 2222
Pi	3220 2233	2300 1202	3000 2112	2011 3265	2323 3332	2100 2001	0202 2011	0123 2303
CT	2313 1123	1122 3123	1111 2211	2123 2244	2123 2232	1112 0000	0112 0110	1122 2232
Wa	2122 1222	1222 3321	2211 2112	2222 2255	2122 2231	1111 0001	0112 1011	1123 2323
To	3132 1221	2223 3322	1312 3101	3223 3255	2312 2132	2211 1001	2212 1100	3223 1322
Am	3222 1112	2223 3232	1212 2102	2133 2155	3323 2132	2211 0012	2112 1111	1223 3222

Obs'y	25	26	27	28	29	30	31
Go	3112 4434	5555 5545	3434 5544	4356 7433	4354 4423	2232 3322	2111 2433
Iv	4221 4326	6666 4447	5434 4456	4466 5332	3555 4234	3221 3222	2111 2224
Co	1003 4311	2477 6743	3224 4543	3257 8322	1246 5413	0111 1100	1000 0001
So							
Le	3100 2325	5344 4455	4323 3345	3345 5322	1222 3223	2111 2100	1000 1213
Do	3110 2326	5444 4656	3223 3445	3245 6321	1222 3333	0210 2210	0000 0102
Me	1103 3212	4577 6644	3226 4333	3367 7322	1355 4212	0110 1110	0000 0012
Si	1003 3212	3467 6643	3225 3343	4359 8331	1345 4212	1111 1100	1000 0111
Es	2111 2424	5454 4454	3323 3445	3346 6432	2233 3223	0211 1211	1010 0213
Sl							
RS	3112 2425	5454 4455	3323 3345	3346 6322	1233 3223	0211 1110	0000 0113
Ag	3212 3324	4566 5544	4334 3355	4466 5333	1353 3322	1110 1210	1000 1223
Wi							
Ab	3110 2424	5454 5555	3323 3445	3356 6432	1333 3323	1222 2200	1010 0223
Sr	2101 3234	4456 6554	3223 5353	3357 6322	1343 3323	1320 1100	2330 1102
Ni							
KP	3110 1423	5333 4555	2233 3444	3347 7332	1133 3323	1221 1210	2220 1122
Ya	1212 3433	4455 6643	3224 5333	3356 6332	2343 4313	2331 1201	1000 1212
Ch	3201 2324	4465 4445	4323 3254	4465 5343	1243 2222	0210 1111	1000 0123
Za	2100 1422	5234 4456	3212 4434	3246 7221	0132 3302	0000 0200	0000 0102
VD	1222 2322	4545 5654	2234 4442	3346 5321	0333 3302	0323 1210	1312 1111
Eb							
St							
Zy	1003 2424	5455 6655	3235 5443	3457 7332	0344 4302	0321 1200	0000 0101
SF	3123 2435	6455 6556	4233 3445	3347 6443	2233 3323	1311 1101	1110 3113
Tu	3211 2324	5555 5544	4334 3354	4466 5333	1353 2223	1221 2211	1010 0122
Du	2112 2333	5465 5655	3334 4453	3357 7333	2334 4323	1322 3222	2122 2122
Ke	3103 3423	4455 5653	3335 3443	3357 6333	3334 4323	2333 2201	3121 0111
SJ	3200 1323	4355 3454	4223 2244	3354 5332	1233 2122	0210 1110	1000 0112
Ka							
Ho	1001 2223	4444 4333	2223 3242	4356 5222	2243 2112	0210 1110	1000 0012
ZS							
Al							
Hu	2100 3532	4233 4554	3222 3453	3345 5442	1223 3322	0210 3320	0000 1221
Ap	1101 0224	4455 4344	2323 3243	3356 5333	2342 2233	1311 1031	2200 0122
Pi	3200 3414	5324 3345	3222 2344	3355 5322	1232 2133	0202 4220	0002 2003
CT	1122 2323	5255 5545	3223 3344	2246 5322	1233 3212	1222 3101	1021 1111
Wa	1111 3424	4555 5544	3224 4343	3457 6323	1333 4312	1221 1201	1000 1212
To	1122 3423	4456 5544	3334 4233	3457 5322	1343 3313	2221 1211	1200 1102
Am	2112 2323	4445 4433	3324 4243	3456 5322	1343 4212	1210 1112	1101 1022

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1945

Obs'y	1	2	3	4	5	6	7	8
Go	3456 5534	5434 4432	3321 3221	1123 5522	2124 3675	3235 5443	6333 4436	4334 5432
Iv	5666 4455	6442 3331	5421 1111	1111 4422	1113 2474	4356 3436	5653 3336	5355 3324
Co	1378 6533	3223 5432	1100 1010	0000 6510	0004 1544	2266 5532	3342 3213	3346 5311
So								
Le	2345 5454	5421 1330	1211 0100	0011 3310	0002 2375	2333 3534	3331 2214	4422 3302
Do	1356 6435	5212 2320	1310 1000	0001 4200	0002 2376	1234 3534	4331 2225	5233 3302
Me	2677 6632	4442 4220	1220 1010	0000 5421	0004 3244	2366 4333	4461 2123	4454 3211
Si	1389 7632	4332 3231	1120 1111	0001 5411	1003 3344	2256 4333	3452 2213	3344 3311
Es	2345 4434	4321 2330	1211 1100	0010 3201	1013 1364	2233 3532	3332 2214	4333 3312
Sl								
RS	2445 5455	5222 1440	1300 0000	0101 3210	0003 1364	2333 3533	3331 1115	3233 3301
Ag	2577 4543	5432 3221	0420 2121	1011 4322	0013 2354	2255 3334	4452 2224	4344 3312
Wi								
Ab	2455 5544	5331 2331	1210 1110	1120 3311	0013 2364	2333 3533	4343 1215	3333 3312
Sr	2467 7433	3333 2332	2220 1001	1111 4310	0113 2353	3345 4433	3442 3214	3334 3211
Ni								
KP	2455 5544	4321 2421	1120 1110	1211 4321	1223 3454	2244 4532	2331 2124	4333 3312
Ya	2355 5443	3332 3323	1221 1112	1221 4321	0123 2343	3345 4423	3342 2214	4244 3311
Ch	2455 4343	5431 3121	3420 1010	1011 3211	0012 1244	3234 3333	4451 1234	4344 3222
Za	1234 5533	4110 1310	0000 0000	0110 4200	0001 1343	1123 2522	2201 1014	3112 2201
VD	0344 5432	3332 2321	1222 1100	1211 3211	1223 2343	2244 3522	3342 2113	3334 3300
Eb								
St								
Zy	2366 6553	4223 3322	1321 2110	1102 1000	0004 2354	1345 3533	3342 2225	3244 4321
SF	2465 4543	4432 3331	1232 1000	1020 4321	1003 1455	3134 3424	4344 1225	4333 3311
Tu	2456 5433	5432 3222	2330 1010	1111 4322	0013 2244	2255 3434	4452 2225	4344 2211
Du	2365 4643	4322 3431	1222 2110	2231 4312	0234 2453	2344 3633	3332 2224	2333 4311
Ke	2465 5642	3322 3331	2131 1111	2331 3311	3234 3443	3343 4632	3342 1224	3233 3311
SJ	1344 3233	4321 1221	2310 1000	0001 2211	0001 1234	2243 2333	3241 0123	3222 1100
Ka								
Ho	2455 4321	3231 2100	1120 0000	0000 3311	0003 2132	3244 2222	3241 1113	3233 1100
ZS								
Al								
Hu	2345 5442	1211 2210	4311 2321	0001 3311	0002 2342	2133 5532	3331 3322	3222 3321
Ap	3464 4233	3430 2133	3211 0003	2110 3331	2124 2243	3244 1213	3341 2024	3333 3012
Pi	1444 5433	4420 1211	1323 2031	1010 0101	1002 1355	1243 3324	3330 1014	3221 2111
CT	2354 4522	3322 3320	0122 3021	1221 3200	1113 3344	3233 2423	3241 3124	3222 2201
Wa	2365 6532	3231 2321	2221 1101	1211 4321	1113 2343	1235 3533	3342 2124	4334 3311
To	2365 6533	3321 2311	2210 1001	2211 4311	1214 2243	2245 3433	3341 3214	3334 3321
Am	2366 5433	3230 2212	2220 0102	1111 3212	2113 2243	2234 3333	3342 2124	3333 3222

	9	10	11	12	13	14	15	16
Go	2322 3321	2223 3222	1236 6535	4334 3465	5444 4334	5534 5434	6345 5433	2123 3432
Iv	4421 2211	4311 2221	3355 5446	6555 3465	4555 3345	6543 3546	5553 3333	4242 2325
Co	2210 0100	1001 5110	1155 7534	4565 4533	3246 5222	3344 5442	2347 5311	1121 1110
So								
Le	1100 0000	1101 2101	0124 5335	5432 2344	4332 1233	5412 2345	3232 2222	1111 1222
Do	1100 0100	0000 2200	0033 6435	5422 2444	4222 2223	5522 3455	3232 2222	1022 2221
Me	2120 0000	1001 3111	1166 6424	5665 2333	1354 3123	4344 3333	2356 5211	1033 1111
Si	2120 0110	1001 3212	1157 8533	4554 2433	3344 4122	4333 3332	2245 4211	1141 1111
Es	1100 1110	1101 2101	1124 5334	4332 2444	3232 2223	4323 3344	3223 2222	1121 1222
Sl								
RS	1200 0000	0100 2100	0134 5334	4323 2445	3232 1123	4422 2444	3233 2222	1111 1222
Ag	2320 1220	2300 3212	1245 5335	7543 2344	5443 2334	4434 3234	3444 3322	3232 2223
Wi								
Ab	1110 0010	1111 3101	0124 5435	4433 2454	3232 3233	5313 3344	3234 3223	1011 2222
Sr	1221 0101	2000 4101	2246 6533	4343 3343	3234 3222	3324 4443	2334 3212	1221 2221
Ni								
KP	2210 1100	1112 3201	1235 6435	3332 4444	2332 3112	3323 3433	3323 2122	0222 2222
Ya	1222 0212	0112 3112	2245 6533	4334 2444	3333 2232	3333 3332	2234 3121	2121 2322
Ch	2320 0110	2200 2002	1235 6335	5533 2345	4433 1134	6323 2234	3443 2211	2131 1122
Za	0000 0000	0000 1000	0024 6434	3222 1444	2000 0012	3212 2423	2123 3121	0000 1211
VD	0222 1100	0122 3001	0233 4333	3323 2433	1223 2322	3223 3432	2432 3212	2110 1220
Eb								
St								
Zy	0110 0100	1212 3212	1446 6534	4443 3444	4334 3232	3333 4444	4234 3121	2131 2321
SF	1110 2210	1112 2012	1254 5435	4444 2456	3333 2223	4434 3344	3233 2112	1021 2222
Tu	2220 2111	2111 2012	1156 5324	5544 3343	4333 2123	5434 3323	3544 3212	2132 1111
Du	2121 1000	0112 3312	2245 6533	4333 2455	3242 3333	3333 4534	3334 3323	1132 1222
Ke	3332 1010	2313 3202	2346 6432	3333 3434	2333 3222	3223 2432	2334 3222	2222 2220
SJ	1100 0100	1100 1002	1144 5324	5421 1333	3322 0122	5411 2222	3331 1100	2121 0111
Ka								
Ho	1000 0110	0001 3101	1156 4312	3332 1232	2223 2022	3123 3222	1334 2101	1010 0021
ZS								
Al								
Hu	1100 1220	1000 2111	1133 6433	4421 2433	2321 1232	4311 2332	2332 2321	1120 1220
Ap	2200 0110	2212 3021	1246 4323	2442 2244	4234 3223	3333 3222	2334 3123	2212 0021
Pi	0102 3221	1010 2222	0045 4204	5423 2434	3320 1133	5432 0333	3432 2122	2011 2112
CT	1220 1100	0132 3001	0045 5325	3332 2355	3223 2123	3322 3333	3223 2112	2020 1111
Wa	1110 0100	1111 3212	1235 6322	4333 2344	2234 3232	3322 4443	2334 3222	2131 2321
To	2210 0110	1311 3102	2235 5433	2333 3343	3334 3122	4323 4443	2334 3212	3321 2121
Am	2210 0012	1201 3002	1245 5423	3443 2342	3334 2222	4333 3423	2334 3111	1221 1112

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1945--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	2224 3322	1133 3323	2234 6333	4435 4431	2123 4323	2113 3444	2234 5643	4335 4544
Iv	4442 1223	4432 1235	5333 2243	5443 3223	3211 2224	4112 1344	4333 3434	6453 2344
Co	1100 1000	0123 0000	2354 4121	2246 5320	0000 1011	1000 0122	2113 3312	3334 3222
So								
Le	2101 0100	0221 1003	2121 2224	4322 3310	1000 1102	2001 0243	1222 3424	3323 2242
Do	2010 1100	0001 1002	1201 3224	4222 3120	1001 2002	2001 1253	1112 2424	4233 2242
Me	1210 0001	1132 2001	2354 4022	3346 5321	1000 1011	1111 1222	2214 3323	3552 2223
Si	1211 0100	1233 2001	2353 3132	3245 5321	1000 1012	2011 1232	2113 3322	2452 2232
Es	2111 1210	0222 1002	2212 3234	3223 3320	1011 2112	2012 2343	1223 3533	3233 2342
Sl								
RS	2101 1100	0211 0102	3222 3124	4233 3220	1011 1002	2102 1253	2222 3424	4333 1342
Ag	2321 2321	2231 2212	2223 3143	4343 3321	2011 2323	2112 2232	1223 2334	5442 2333
Wi								
Ab	2112 1300	0112 1112	3223 3234	3334 3320	1001 1113	2012 2344	1223 3534	4233 2342
Sr	1111 0100	0122 1001	2132 3123	2345 5310	2111 1013	2111 1243	2223 3323	3343 2333
Ni								
KP	2212 0010	0321 0000	2223 3233	4333 3220	2210 2212	2212 2343	2223 3433	3233 2342
Ya	2121 2311	1122 2101	2233 3222	3344 4322	3211 2113	2222 1233	2234 3423	3343 2333
Ch	2211 0011	2231 0012	2222 2133	4333 3231	2011 1112	1011 1232	2223 2334	4442 2233
Za	1001 0100	0001 0001	1013 3123	3222 4220	0000 0001	0001 0243	1002 3312	2232 1142
VD	2001 1000	0122 1001	2222 3222	2233 3120	1122 2100	1001 1143	1123 3321	3243 2241
Eb								
St								
Zy	0112 0111	2213 1011	2222 4223	3345 4222	1012 1111	1112 2242	1134 4423	3343 2242
SF	2021 1111	1222 2013	3333 3243	4323 3331	1001 2113	2112 3332	2223 2433	3344 4443
Tu	1211 1221	1222 0002	2233 3232	3344 3221	1011 2112	3122 2233	2222 3443	4443 3342
Du	1223 0121	1213 0022	3233 3344	3344 3331	2122 2223	2332 3353	2234 4433	3333 3353
Ke	2211 2121	2220 2111	3223 4333	2334 3320	2121 2213	2122 2243	3334 4432	3343 2242
SJ	2200 0000	1120 0001	2111 2122	3332 2120	1000 0012	2001 0233	2122 1322	3233 1221
Ka								
Ho	1001 0000	0012 0001	1132 3122	2233 3120	0001 1011	1001 1131	1122 2322	3332 2222
ZS								
Al								
Hu	2210 2210	2010 1111	2112 3332	2232 4431	1000 3211	2011 2331	2121 4532	3231 2332
Ap	2220 0021	2022 0021	2232 3333	2334 4121	2100 2225	4312 0032	2123 3233	4333 1223
Pi	2201 1122	1012 2222	2133 2223	2330 1211	0000 0024	3021 3434	1132 3413	3332 3322
CT	1100 1021	0120 1112	2224 3132	3333 3310	1021 2213	1132 1233	1133 2322	3333 1231
Wa	1111 2221	1111 1111	2223 3222	2235 3221	1111 2111	1121 1242	1133 3322	3242 1232
To	1212 1202	3222 1002	2233 3112	2234 5322	2011 1112	2111 1233	2234 3322	3242 1232
Am	2121 0101	1112 0011	2132 3122	3234 4221	1111 1013	2111 1122	2223 3222	3343 2221

Obs'y	25	26	27	28	29	30
Go	5434 5432	1224 4432	3322 3322	2123 4433	2124 5432	2245 4533
Iv	5544 2222	2211 2212	4411 1112	1111 2112	0112 2332	3345 2433
Co	2132 2110	0000 1100	1000 0010	1000 0011	0001 2210	0135 0221
So						
Le	2222 2101	0001 2210	2201 0000	0001 1100	1101 2221	1123 2433
Do	3221 2211	0000 3100	1000 0000	0000 1100	1001 3220	0024 1433
Me	2344 1111	0010 1111	1100 0100	0000 1111	0001 2111	0145 1322
Si	3233 2211	0011 2111	2100 0112	1000 1101	1101 1111	1144 1322
Es	2222 2212	0002 2210	2201 1111	0001 1111	1111 3231	1123 2432
Sl						
RS	3222 1101	0000 2100	1300 0100	0012 1100	1102 2131	1123 1433
Ag	3433 3212	1111 3322	2202 1222	1002 2313	1002 3322	1243 2333
Wi						
Ab	3222 2202	0010 2110	2211 1111	0100 1101	1012 3332	2233 2443
Sr	3222 2101	1110 2210	2110 0011	1101 1001	1122 2222	1234 2232
Ni						
KP	3333 1102	0112 2201	2210 1110	0001 2201	2122 3222	2123 2342
Ya	2133 2212	1111 2202	2211 0102	3111 1212	2112 2222	2345 2332
Ch	3322 2112	0110 1111	2200 0022	0000 1102	1101 2122	2233 2333
Za	1111 0000	0000 0100	0000 0000	0000 0000	0000 1110	0012 0241
VD	2132 1100	0000 0101	1100 0000	0211 2110	0122 2321	1224 2331
Eb						
St						
Zy	2013 1100	0002 1000	0001 0000	0211 1101	0323 2333	1335 2342
SF	3324 4212	0133 3211	1301 1211	1123 1111	1122 3333	2233 3442
Tu	3322 1212	0110 2120	2200 1022	0000 1213	1111 2222	2233 2322
Du	2234 2212	0222 2300	0111 1112	1322 3211	1223 3343	2244 3432
Ke	3234 1211	2213 2210	3332 0002	2331 2112	2333 2333	3335 2332
SJ	2222 1010	0100 1000	1100 0011	0000 0102	0101 1222	1133 1232
Ka						
Ho	2110 1111	0000 1100	0100 0020	0000 0002	0101 1222	1123 1211
ZS						
Al						
Hu	1111 2220	0000 3200	1100 1122	0000 2211	0001 3322	1123 2542
Ap	2421 0021	2100 2122	2301 0003	2100 2222	2200 2323	2233 1222
Pi	2122 0211	0001 0221	0001 1220	0013 0202	0002 1312	1223 2422
CT	2201 2110	0023 2100	0211 2000	0101 1211	1102 2211	0114 3321
Wa	2123 2111	0110 1111	1110 0111	1110 1101	1112 2221	2224 2132
To	3232 2213	2020 2101	2200 1011	1200 1112	2201 2221	2324 1222
Am	3321 1101	1101 2100	2100 0011	1100 1102	2201 1111	1224 1222

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1945

Obs'y	1	2	3	4	5	6	7	8
Go	5435 5432	4534 5432	5234 5444	2333 3333	2333 4432	2234 5753	2222 3333	3224 4332
Iv	6432 2342	5543 2322	6334 2434	3332 1235	4442 2223	2322 3332	1111 1135	4332 2133
Co	2214 3120	4454 5221	2215 2221	2332 0111	2222 3301	0110 4431	0000 0001	2233 2011
So								
Le	4422 2231	4332 3211	4222 2423	2111 1123	1121 2212	0011 2331	0002 1122	1121 2110
Do	4122 3241	3422 4311	3202 3333	1122 0233	1112 3212	0002 3331	0000 1123	0202 2110
Me	3324 3121	4554 3111	3324 1223	1342 0112	1142 2211	1111 2222	0000 0122	2241 1111
Si	3324 3221	3443 3211	3323 2222	1241 0121	2132 2211	1111 3221	0000 1112	2221 1111
Es	3322 2231	3322 3311	4222 3433	1122 1123	1221 3212	0121 2331	0022 1122	1121 2111
Sl								
RS	3222 2232	3422 3211	4122 3433	1111 1133	1121 2202	0101 2320	0000 1023	1111 2010
Ag	4322 2230	3533 3232	4323 3344	2331 1232	2132 2333	1111 2232	0101 2123	1321 2322
Wi								
Ab	4322 2231	3333 3321	4233 3433	1222 1223	1111 3322	1122 3331	0122 2113	1131 2121
Sr	3323 3132	3433 3222	3233 2323	2331 0121	2221 3111	2212 4221	3200 2112	3322 2112
Ni								
KP	4332 3131	3322 3222	3233 3323	2223 1123	1223 2212	2222 2331	2311 2223	2322 2112
Ya	2234 3123	3433 3223	3233 2333	2332 1223	2231 2222	1212 3322	1111 2222	2333 3223
Ch	4322 1232	4433 3222	4322 2234	2331 0123	2131 2222	0111 2322	0100 1123	2221 1122
Za	4201 2130	2232 2111	3111 1122	2100 0012	0100 1301	0001 2111	1001 0001	0001 0001
VD	4342 3132	3232 3212	4222 2232	1221 1122	1121 2212	1131 2321	1122 3123	2221 2111
Eb								
St								
Zy	3223 2131	4333 3222	3133 2333	1231 1121	1231 2101	0112 3321	0000 1112	1122 1111
SF	4323 3123	4333 3312	3223 2333	2133 2115	1121 2210	0221 2322	0010 2223	2232 2221
Tu	4423 2122	4433 2321	4322 1334	2231 1022	2233 2211	1112 2312	0100 1123	2322 2112
Du	3333 3233	3332 3222	3233 2332	2331 2233	1222 3323	1122 2332	1211 2133	2123 2221
Ke	2134 2131	3242 3221	2233 1233	2232 1122	1120 2102	1223 3222	2323 3223	2324 3011
SJ	3221 1121	3432 3112	3221 2123	2220 0012	1121 0101	0001 0202	0100 1002	1221 0110
Ka								
Ho	3213 2210	3322 2211	3121 1223	0221 0011	0020 1100	0001 1212	0000 1012	0221 0011
ZS								
Al								
Hu	2211 3231	3321 3421	2211 3533	2221 1221	1111 3310	0111 3321	0100 2221	1221 2222
Ap	3321 2222	4332 2122	3322 1123	2221 0123	2220 1021	1202 0222	1300 1013	1221 1223
Pi	3311 0002	3332 0211	2322 0224	2212 2022	2112 0021	0002 0222	0001 1332	0220 1010
CT	3312 2231	3332 1100	3212 1223	1121 2223	0210 1301	0002 3111	0002 3012	0011 1120
Wa	3233 2121	4333 3222	2323 2232	1321 1122	1221 2211	0112 2211	0100 1122	2222 1211
To	3313 3121	3433 3211	3133 2223	1221 0012	2221 2211	1201 3212	2100 0112	1211 1101
Am	3313 2121	3333 3112	3222 1212	1231 0012	1121 1101	1111 2201	1200 0101	1221 1111

Obs'y	9	10	11	12	13	14	15	16
Go	1233 5443	2335 4443	3445 4443	3343 4433	2334 5533	2233 6534	3223 3322	3333 3423
Iv	3231 3445	3332 2444	4554 4543	4543 2544	4331 3435	3232 3435	3321 1223	4322 1334
Co	0110 2222	1114 3322	3465 5522	3434 2322	2220 3331	1114 5622	1211 0101	3210 1213
So								
Le	1122 3334	2211 3334	2332 3343	4321 1243	2221 2333	3111 3323	3101 1102	2211 2222
Do	0021 3344	1111 3124	2323 3542	3322 2344	1111 2233	3001 3413	0101 1111	2222 2332
Me	0120 2232	1234 3223	3555 4433	5343 2232	2222 2223	1113 3313	1131 0012	2300 1213
Si	0121 2332	1134 2232	3665 4533	4433 2223	2221 2223	1113 4412	1221 1112	2310 1213
Es	1222 3434	1221 3234	1333 3443	3322 2243	2121 2333	2221 3312	1111 1102	2211 2323
Sl								
RS	0121 3444	1220 3234	2433 4443	3311 1244	2222 2433	2111 3413	2100 0112	2211 1313
Ag	1222 3433	2223 2333	2554 3343	4433 2333	2231 2233	2222 3333	2221 2222	2311 2234
Wi								
Ab	1121 3544	1121 3234	1333 3443	3321 2244	1121 2443	2101 3413	1111 1112	3311 2333
Sr	3331 3333	2223 2333	2544 3343	3223 1244	2232 3333	2222 3321	1221 0011	2222 1224
Ni								
KP	2232 4444	1322 3334	2434 4341	3333 2144	2112 2433	2221 3422	2110 1102	3222 2223
Ya	2332 3333	2323 3333	3454 3332	3323 2343	2332 3322	2222 4322	2222 1123	2332 2114
Ch	1221 3333	2222 2233	3534 3243	3422 1132	2221 1223	2111 3333	2220 0112	2311 1134
Za	1011 2344	1001 1244	2322 3434	1100 0133	1010 1111	0011 2401	1000 0001	1100 1102
VD	1232 3343	2112 3335	2344 3332	3222 2244	2222 3432	1123 3312	2211 1012	2222 2222
Eb								
St								
Zy	0132 3333	0122 2325	3554 3443	3212 2244	1222 3421	1112 3310	1101 0000	2000 0013
SF	1141 3544	2121 3334	2334 2232	3213 3132	2223 2233	3112 3313	3110 2122	3322 2233
Tu	2232 3333	3332 2333	3434 3342	4332 1134	2322 1223	2112 2322	1220 0122	3322 2234
Du	2232 4544	2322 2335	2434 4543	3223 2244	2133 3433	2122 4421	1133 2122	2331 2223
Ke	1132 3444	2223 3334	3445 3443	3332 2344	3222 2432	2212 3411	2111 2221	3231 2213
SJ	0221 2342	1120 1223	3323 1232	4321 0133	1121 0122	1111 2203	1100 0111	2211 1123
Ka								
Ho	0121 2221	1123 2222	3443 3231	3122 0122	2111 1111	1012 2110	0010 0000	1111 1113
ZS								
Al								
Hu	0121 4542	2221 3332	2322 3431	4221 2333	1211 2322	1111 3312	1110 1110	3221 3323
Ap	3232 2333	1323 1323	2543 3332	4332 0132	2422 2212	2212 2213	2210 0112	2221 0114
Pi	0231 2442	3322 1324	3322 3403	4323 1444	2322 1113	1221 0223	1112 0122	3333 1124
CT	0033 3344	1111 1335	2335 3241	2111 1231	2212 1233	0011 3313	0021 1012	2313 3223
Wa	1232 3333	1123 2223	2444 3542	3222 2253	2222 3322	1013 3411	1110 1011	2121 1112
To	2221 2323	1223 1223	2545 3431	3322 2233	2121 2213	2113 2301	2200 0012	3321 1002
Am	1221 2222	2224 1222	2444 3332	3333 2233	1222 2112	1113 2301	2110 0011	1211 0012

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1945--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	2344 4433	3245 4534	3235 5543	3343 4533	2235 5643	2234 4432	3355 5433	4434 4543
Iv	4442 2334	3443 3335	3232 3445	4553 2322	3232 3333	2222 3224	4454 2332	5543 3332
Co	2222 3211	1233 5322	2313 4431	1454 1310	1123 3321	2115 3100	2245 1121	3333 2320
So								
Le	2112 2223	2120 3323	2111 2324	3222 1211	1112 3420	1111 2211	2232 1210	2322 2220
Do	2012 2322	2201 3323	2222 3234	2322 2310	1122 4421	1001 1211	1233 1221	2321 3220
Me	1321 1111	1122 2323	2212 3322	1444 1211	1022 2222	1124 1112	2243 2221	3244 2221
Si	2221 2121	1222 3322	2211 3322	2443 1211	1122 2221	2123 2111	2244 2221	3332 1221
Es	2222 3223	3221 3333	2212 3333	2332 2321	1112 4421	1112 2221	2332 2221	2222 3231
Sl								
RS	3112 3332	2212 3323	3212 3323	2332 1310	1112 4421	2101 1211	2232 2220	3332 3230
Ag	3321 3221	1232 3334	2212 3343	1443 2331	1112 3322	1113 2122	2342 3332	4432 2232
Wi								
Ab	3222 3333	3112 3434	3212 3434	3332 1310	1213 3421	1112 2321	1332 2321	2332 3330
Sr	2332 3222	2133 4333	2332 3333	3333 1311	2333 3322	2123 2112	2344 1111	3332 1221
Ni								
KP	2222 3333	3222 3333	2213 3333	3332 2311	2221 2322	2213 2221	3233 2221	3331 3220
Ya	2332 3222	1233 3332	3333 3313	2333 2322	2233 3322	2222 3221	2234 1222	3333 2231
Ch	3321 2121	1231 1334	2212 3333	2342 1222	1221 3323	1113 1222	2342 1222	4431 2231
Za	1111 1221	1000 2333	2111 1122	0122 1210	0110 3411	1210 1000	0122 1011	1121 1120
VD	2223 3332	2223 3333	3123 3223	2332 2210	1223 3322	1222 2221	2333 2221	3322 3221
Eb								
St								
Zy	1132 3230	0123 3434	2222 3113	2232 1210	1232 3422	2131 2112	2443 1121	3433 2221
SF	3231 2134	4222 3444	3332 2311	2112 3334	3333 3322	1133 3321	2432 2222	3432 2221
Tu	2231 2122	2231 2444	2222 3233	2443 2311	2222 3223	1023 2133	3342 2222	3431 2221
Du	2222 4342	2322 3544	3323 3323	2423 3311	2324 3332	3333 2322	4532 2222	3443 3332
Ke	2222 2332	2232 3443	2222 3223	2432 2210	3322 3321	2332 2221	3533 2221	3333 1222
SJ	2211 1010	0120 1333	2111 2121	1331 0101	0211 2112	0001 0011	0332 1111	2321 0120
Ka								
Ho	1111 1011	0021 2332	1111 2212	0222 0100	0211 2212	0012 1111	0232 0111	2321 0120
ZS								
Al								
Hu	2221 3321	1121 3343	2111 4331	2222 2321	1211 4422	0012 2321	2332 2221	2321 2331
Ap	3231 0122	2221 3443	2212 3123	3332 0323	3322 1223	2223 1002	3342 1123	1322 1122
Pi	2323 1322	0022 1234	2202 2321	2332 0230	1113 2322	0003 2311	2333 0221	3323 1321
CT	0122 3213	2123 2333	1121 3313	2222 2311	1110 2211	0002 3001	2213 2001	3312 3110
Wa	2121 2331	0122 4423	2222 3322	2322 1211	1211 3321	1112 2111	2334 2111	2332 1321
To	2222 1222	2212 4422	2222 2322	3333 1300	1222 2311	1223 2112	3334 1110	3332 2312
Am	2121 1221	0122 3322	2212 2222	2332 0201	2122 2211	1123 2111	2333 1110	2332 1222

Obs'y	25	26	27	28	29	30	31
Go	2545 5552	2122 3343	2123 4443	2234 5643	3234 4444	3223 5544	3345 5432
Iv	5642 2343	2121 1242	2112 3333	2223 2332	4343 1444	4342 3435	3355 3323
Co	3333 2430	2011 0122	1110 1221	0103 1221	2223 1221	2133 4323	3246 3311
So							
Le	2432 3332	2001 1221	1012 3322	0002 2321	4211 1232	2222 3434	4223 2310
Do	2532 3332	2001 1231	1011 3322	0003 2321	4211 1232	2123 4444	3223 3310
Me	3343 2232	1101 1131	2010 2222	0113 1222	3232 1222	1333 2324	2354 3221
Si	3343 2242	2111 1132	2111 2222	1112 2222	3223 1212	2223 2324	2333 2221
Es	2422 3332	2011 2332	1111 3333	0112 2322	4211 1222	3222 3533	3223 3311
Sl							
RS	2532 3333	2000 1231	1101 3332	0002 2322	4221 1233	2223 3534	3123 3310
Ag	2542 2343	2122 2133	2111 2242	1012 1222	3332 2222	2322 3344	3343 3222
Wi							
Ab	2433 3343	2121 2342	2112 3443	0112 3432	4122 2332	3223 4544	3233 3420
Sr	2322 1232	3132 2222	2222 2232	2222 2222	4333 0232	2332 2334	2234 2222
Ni							
KP	3423 2233	2212 2332	2112 3432	1013 2323	3313 2332	2223 4434	2223 3321
Ya	3434 3333	2333 2323	3332 3333	3233 3223	3333 2223	2333 2424	3334 2313
Ch	2531 2243	3121 1233	2101 2243	0102 1232	4321 1323	2322 3334	3332 3232
Za	1111 1221	1011 2121	1000 2231	0002 2212	2101 0221	1122 3334	1113 1200
VD	3322 3333	2122 2222	2222 3332	2313 2222	2222 2331	2233 3434	2223 3321
Eb							
St							
Zy	3433 3333	2233 2332	2221 3332	1022 2212	2322 0221	1132 2434	2234 2312
SF	2433 3244	3133 2333	3122 3353	1223 3432	5233 3322	3233 3444	3333 2432
Tu	2532 2233	3232 2233	3111 2242	0012 2222	4322 1233	3322 2334	3333 3222
Du	2332 3444	2343 2443	2323 3352	2323 2332	2333 3435	3233 3435	3334 3422
Ke	3333 3344	2232 2332	2212 2242	2313 3221	2321 3221	2222 3434	3243 3221
SJ	2321 1133	2121 1232	2101 1241	0012 0111	3310 0111	1321 1323	2232 2221
Ka							
Ho	2322 1122	2122 1222	2001 1131	0011 0110	2101 0011	1111 1322	2122 1010
ZS							
Al							
Hu	2321 3432	2122 3332	2111 4442	1012 2321	3211 2322	2321 3533	2231 3321
Ap	2332 2344	2221 2323	3101 0232	1222 0222	3312 1122	3232 1223	2034 2221
Pi	1423 1033	2222 1223	2102 1332	0011 1022	4310 1114	3321 0324	3331 1220
CT	1322 2232	1122 2232	2112 2221	0121 2221	2011 1222	2211 1234	1112 1221
Wa	3332 2232	2121 2222	2111 2321	1212 1211	2222 1212	1222 2324	2223 2211
To	2422 2232	1221 1111	2211 1321	1212 1211	2221 0111	2322 1323	1234 2111
Am	2332 2222	2221 1222	2111 1221	2112 1122	3221 0022	2222 2223	2233 2121

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1945

Obs'y	1	2	3	4	5	6	7	8
Go	2223 4422	1122 3333	3433 4332	1222 3332	2244 3333	3356 6544	4334 4544	5445 5534
Iv	3211 1222	2111 2233	4441 2222	2111 2124	3332 1233	4355 4546	6542 2454	6553 4335
Co	1211 0010	0000 0011	2110 2010	0000 1011	1110 0110	2236 5632	3333 5222	3455 4522
So								
Le	0111 1120	0002 1121	1221 2010	0011 2111	0111 1211	1233 4433	3322 2332	4332 3333
Do	0101 1120	0101 1121	2111 1110	0001 3011	0001 1212	1133 4434	3322 2342	3332 3322
Me	1221 1111	0010 1012	1211 1000	0000 1112	0212 0122	2255 4322	2352 3111	3664 3323
Si	1221 1110	0010 1012	2210 1011	0000 1211	2212 1222	2356 5333	2342 3233	3553 3422
Es	0111 1220	0012 1121	1222 2110	0011 3221	0011 1222	1234 4433	3332 3343	3333 3323
Sl								
RS	1101 1120	0111 0111	2111 1000	0001 2001	0111 1211	2344 4434	4322 2342	3322 4333
Ag	1120 1322	0010 1322	2221 2111	0000 2222	1312 2233	2345 4334	3441 2334	4552 3433
Wi								
Ab	0101 2121	0113 2122	1221 2110	0111 3111	0111 1322	2344 4434	3333 3343	3333 3433
Sr	2212 1121	0111 1022	1122 2000	0101 2022	1222 1133	1235 4333	3333 4233	3453 3322
Ni								
KP	1211 1121	1212 2322	2222 1200	2201 2111	1222 2122	2244 4333	3333 3242	4333 4333
Ya	1111 1021	1121 0012	1220 2000	1211 3111	1223 1211	2355 3432	3343 3333	3343 3423
Ch	1120 0110	0000 0123	2220 1111	0000 2013	2311 1134	2445 4333	3341 2334	4442 3334
Za	0000 0010	0000 0011	1000 1000	0000 1001	0001 0111	1034 3232	3332 3333	2232 4323
VD	1211 1211	1112 1111	2122 1011	1213 1112	2122 3331	2245 5332	3233 4342	4333 4333
Eb								
St								
Zy	2111 1001	0101 0011	1220 1000	0010 3011	1022 1212	1355 4332	3343 3242	3343 3323
SF	1122 1211	0012 2111	1122 3000	0103 3111	1120 2223	3355 4434	3343 3343	4441 1334
Tu	1221 0010	0010 0012	2321 1111	0000 2011	1322 2124	2445 4423	3442 2333	4542 2333
Du	1222 2121	1223 2221	2211 1111	1123 3122	1212 2223	2355 4322	3343 2343	2432 3333
Ke	3222 3020	1230 2210	3222 2001	0212 3011	2121 1222	3455 3332	2333 2243	2343 4332
SJ	0010 0110	0000 1111	1110 0000	0000 1011	0101 2122	1443 3223	2331 1233	3332 2133
Ka								
Ho	0000 0000	0000 0010	0000 0000	0000 2010	0111 1113	0344 3122	2232 2112	2431 1102
ZS								
Al								
Hu	0201 2210	0000 1221	1210 2210	0000 3221	1111 2212	2344 4532	2323 3442	3332 3422
Ap	1110 0012	1010 0222	1220 0012	1200 1012	1221 0213	2455 4213	2332 2132	4332 1223
Pi	0100 2120	0002 1201	2212 2111	0000 3111	0112 3002	2444 3213	2422 2143	4331 2122
CT	0001 3210	0002 0101	0001 2010	0101 2121	0112 2011	1345 3334	3233 2232	3332 2223
Wa	1111 1111	1111 1111	1111 1101	1111 2011	1110 0111	1345 4332	3332 3242	3232 4432
To	1111 1021	1200 0000	1120 1011	1200 2010	1111 1112	1345 3332	3332 3242	3343 3422
Am	2211 1111	2110 0112	1220 1011	2210 1012	2011 0021	2255 4223	2342 3233	4452 2322

Obs'y	9	10	11	12	13	14	15	16
Go	3355 4544	3444 5443	4434 4443	2233 3333	2234 4433	2323 3332	2233 3332	2233 3533
Iv	5355 2456	5444 3345	5443 3343	4232 2234	3332 3323	4411 2243	4231 2233	3111 1444
Co	2235 3223	3435 4321	3314 4121	1211 1101	2113 4210	2100 0011	2111 0010	0100 0111
So								
Le	2122 2333	3322 2323	3321 2231	0122 2122	0122 2301	1222 1121	1112 2111	1012 2222
Do	2122 2332	3413 3322	3101 2230	0212 1110	0122 2310	1000 0121	0001 2100	0001 1211
Me	2345 1213	3554 2222	3334 3122	2132 0111	1212 3111	1100 0111	1110 1120	1001 1121
Si	2333 1223	3435 3222	3332 2121	1131 1011	2222 3111	2100 1111	2111 1101	1111 1222
Es	2232 2332	3333 2322	2221 3231	1112 2221	1222 2311	2122 1221	1122 2111	1122 2222
Sl								
RS	2121 1432	3322 3323	3221 2241	0211 1211	0122 2311	2222 1121	1111 2000	1002 1222
Ag	3443 2333	3443 2322	4333 2221	1232 2212	0211 2212	2200 0222	2212 1212	1000 1222
Wi								
Ab	2122 2443	3333 2433	3221 4331	0121 3221	1133 2311	2213 1221	2212 3111	1112 2222
Sr	2334 2233	3233 2212	3323 2321	1231 2112	1233 2212	1210 0121	2232 2000	1122 1213
Ni								
KP	1333 2332	2223 3333	3323 3231	2232 2211	2223 3322	2201 1221	2232 2111	2112 2322
Ya	3333 3322	3223 3332	3323 3222	1122 2111	0323 3211	2221 0121	1122 2201	0122 2312
Ch	3342 2333	3443 2232	3322 2232	1130 1122	1211 1122	2210 0122	2210 1021	1011 1222
Za	1111 1232	2212 1211	1111 2130	0000 0000	0011 1111	0000 0010	0000 1000	0011 1111
VD	2233 2332	3323 3322	3332 2231	1322 1111	2123 3212	2212 2222	2222 2121	2333 2222
Eb								
St								
Zy	1333 2322	3333 3332	3333 2222	1121 1111	1233 2311	2211 0121	1122 2000	1022 2311
SF	2232 3343	2333 3332	3310 2242	1211 2111	2332 2212	2222 2322	2111 1201	1120 3121
Tu	3243 1333	3443 2322	3332 2232	1231 1112	1211 2212	2210 0112	2210 0012	1111 1222
Du	2343 2442	3423 2333	2333 3243	1222 2222	1322 3312	2223 2222	2122 2112	0012 2312
Ke	3223 2332	3233 2332	2332 3232	1332 2111	1322 0311	3433 2222	2433 2010	1431 2311
SJ	2221 2222	2332 1211	3222 1121	0120 1001	1211 0101	1100 0210	2100 0000	1001 0121
Ka								
Ho	1132 0213	1332 1111	1221 2110	0120 1000	0201 2111	1000 0010	0000 0000	0010 1100
ZS								
Al								
Hu	3221 2432	2321 2421	3210 2221	1110 2210	1211 2411	1210 0220	2101 2100	0000 2220
Ap	2332 1122	3333 2232	2222 2012	0220 1220	1111 2322	2210 0113	4110 0012	3111 0202
Pi	3222 1122	3321 2213	4200 0022	1110 3221	0211 1111	1201 1231	2001 2001	0002 2211
CT	1122 2233	1222 3323	2211 2231	0011 3211	0122 1211	1013 0021	0011 0110	1002 1312
Wa	2333 2232	2333 2321	2322 2131	1121 1111	1221 1111	2221 0111	2121 1011	1121 1121
To	2334 2223	1333 2231	3223 3122	1221 2100	1211 2102	2200 1111	2211 1011	1201 1221
Am	2233 2122	3333 2222	3222 3112	2231 1022	2222 2111	2210 0110	1211 0000	1000 0012

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1945--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	3335 4532	2233 3443	2334 4533	3335 4432	3324 3423	2232 3332	2243 4432	2233 4333
Iv	4431 2322	3321 1232	2331 2234	4343 2233	3432 1323	4111 1221	1144 2322	3331 2224
Co	2211 3420	1211 1111	0110 1121	2223 3111	2110 2100	1000 0110	1223 3211	1110 0011
So								
Le	2221 2410	0111 1121	1112 2123	3212 1212	2200 2201	1010 1210	0112 2210	0111 2012
Do	0001 3410	0200 1221	0101 2213	2122 2221	0200 1200	0000 2210	0022 2200	0000 2011
Me	1211 2210	1221 0121	1210 1122	3212 2112	1111 1111	1000 1210	0133 2111	1201 0112
Si	2222 2211	1220 1122	1121 1222	2212 2122	2211 1101	1000 1101	1233 2111	1210 1011
Es	2222 3411	0221 1222	1112 2222	2112 2221	2201 2211	0021 2211	1122 2210	1121 2122
Sl								
RS	2222 3410	1221 1121	0110 1122	3212 2222	2201 0101	1000 1100	0022 1100	1211 2012
Ag	2222 2321	1220 1222	1211 2232	2212 2122	2312 1221	1000 1121	1123 2211	2211 1211
Wi								
Ab	2324 3411	1221 2231	1111 1232	2222 2211	1211 2201	0010 1310	0112 2210	1211 3021
Sr	2233 3120	1221 2122	2231 1122	3331 1122	2221 1111	1100 0111	0132 1211	2221 1012
Ni								
KP	12"2" 3301	23"1" 2222	1222 "1223	32"2" 3322	2211 2300	0122 12"0"	2132 2211	2132 2222
Ya	2223 3221	1221 2221	"1231 1122	3233 2112	2232 1212	1012 1111	1133 1211	2221 2113
Ch	2222 2312	1220 1132	1221 1232	2212 1222	1311 0121	1000 0111	1222 1210	1211 1011
Za	1122 3311	1101 1121	1111 1011	1122 1001	0100 0100	0000 1000	1101 1000	0011 0000
VD	2123 2222	2212 3222	2122 2112	2233 2211	1211 2211	1122 2212	2233 2222	1132 2022
Eb								
St								
Zy	1223 3312	0220 2232	1212 1112	2123 2111	1220 1111	0211 1111	0233 1100	2221 01"1"3"
SF	2"3"33 3"3"11	1110 1321	2120 1132	3222 2310	1111 1001	0022 3211	0232 1220	0120 3"1"12"
Tu	2233 3322	1320 1332	1211 2232	2222 2121	1221 1222	1000 0012	3233 2111	1210 1112
Du	2243 3422	2232 3232	2211 2223	2223 2221	1313 2312	1222 3222	1233 2200	0022 3022
Ke	1233 2321	2332 3232	2322 1122	3323 3221	2231 2212	2232 2111	1344 3101	1333 2023
SJ	2211 1211	0220 1122	0111 1121	1211 1110	0200 0100	0000 0000	0022 1000	0200 1111
Ka								
Ho	1022 1111	1010 1122	0000 0020	1111 2000	1100 0100	0000 0010	0110 1000	0000 0111
ZS								
Al								
Hu	2122 3410	0211 2331	0110 2321	1211 1220	1200 1200	0000 1210	1221 2210	0100 1011
Ap	2233 2013	3120 1122	2100 1032	3222 2012	1100 1022	1300 2000	1232 1012	1120 2002
Pi	2230 2111	0221 2202	0121 2301	1300 1120	0210 1201	0000 2010	1210 1220	1212 1203
CT	2212 2210	0122 3210	0100 3021	1102 2211	0002 0100	0001 0000	0111 1100	0102 1101
Wa	1232 2211	1121 1111	1111 1112	2122 2111	1111 1100	1111 0111	1122 1111	2121 1011
To	1222 3211	1110 1112	1110 1012	2223 2111	1220 1100	1110 1100	1232 1011	1120 1000
Am	1122 2111	2210 0011	1100 1002	2122 2010	1110 1100	1000 0001	1132 1100	0110 0001

Obs'y	25	26	27	28	29	30
Go	4344 3332	2223 3332	3445 5433	3234 5533	2334 3322	2345 5654
Iv	5333 1123	3211 2223	5556 3332	4333 2222	3432 1112	2343 3332
Co	3301 0111	1100 1021	2454 4221	2124 3211	1111 3000	1322 3412
So						
Le	3311 1120	1010 2021	2333 2221	1111 2212	1211 1010	0222 3432
Do	3311 0021	1000 2021	2233 3221	1112 1211	1100 2000	0112 4422
Me	3212 1111	1001 0012	2366 3211	2133 1101	1111 1001	1231 2224
Si	2312 0121	2101 1112	3344 3222	3123 2111	2111 2000	1322 2324
Es	3311 1121	1111 2122	2333 3321	2121 2312	1212 2110	0232 4523
Sl						
RS	3311 1021	1001 2012	2333 3311	2211 1201	1211 1001	0222 4523
Ag	4312 1223	2111 1123	2455 2332	3323 2112	1301 1221	0231 2324
Wi						
Ab	3311 1131	1110 1122	2333 3321	1112 2312	1111 2100	0222 4533
Sr	3222 1122	2211 1112	2333 2121	2122 2111	0012 2010	1333 3333
Ni						
KP	32"1" 1211	2221 2212	2343 3322	3232 3212	2221 1210	2232 4523
Ya	2122 2111	3222 1112	2234 2211	1133 3221	2121 1111	1333 4424
Ch	4312 0022	2101 2123	2444 2212	3323 1212	0211 0110	1331 3324
Za	1101 0011	1000 0001	2123 3111	1111 1000	0000 0000	0011 3413
VD	2322 1022	2121 1112	3334 3222	1232 2211	1221 1011	2223 3433
Eb						
St						
Zy	1221 1112	2221 0111	1224 2101	0233 2210	0021 1000	1323 4434
SF	2"3"23 1221	2210 0112	2333 2222	2121 3311	1111 2311	2322 3534
Tu	4422 1123	3111 1123	2444 2222	2232 1111	1211 1000	1333 3424
Du	3224 3032	3221 2023	3333 2332	2134 3322	1212 3000	0322 4534
Ke	3322 1121	2113 2122	3344 3222	1333 2200	1112 3010	2323 3534
SJ	3301 0022	2200 0002	2333 1111	2121 1100	0100 1100	0322 3313
Ka						
Ho	1010 0022	1100 0012	1222 1101	1010 0001	0000 0000	0212 2213
ZS						
Al						
Hu	3301 1121	2100 2111	2322 2311	2021 2210	0000 2110	0322 4423
Ap	3321 0012	2101 0013	2332 1121	3332 1111	2111 1112	2322 3313
Pi	4310 2101	1100 0101	3321 2001	2021 1201	0001 2001	0313 3404
CT	2221 0310	1101 3111	1223 2210	0111 2200	0001 2100	0212 3513
Wa	1211 0011	1110 1012	1233 3211	1121 1211	1111 1000	1222 3322
To	2222 0012	2100 1002	3233 2112	1122 2212	0210 2011	2322 3322
Am	2211 0001	1100 0001	2344 2111	2122 1001	1111 1001	1311 2312

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1945

Obs'y	1	2	3	4	5	6	7	8
Go	5544 6443	3334 5543	3344 4332	2246 6533	5444 4444	4555 4533	3233 5544	3534 5434
Iv	5555 5544	6333 3325	5543 2123	3355 4435	5555 2335	4676 3433	3332 3355	5644 3345
Co	5465 5643	4223 4321	2323 2111	1246 5522	3354 3122	2556 5522	3221 5123	3454 4321
So								
Le	5443 4444	5311 2323	3221 2111	0123 3423	4333 2134	4444 2332	1211 2223	3432 3323
Do								
Me	7677 6433	5222 2222	2323 1011	1265 5323	3355 2113	4677 4422	2222 3213	4455 2211
Si	5566 5443	4223 4212	2333 1111	1246 6323	3344 2123	3567 3522	2221 3123	3443 3222
Es	5433 4443	4212 2322	3311 2111	1133 4423	2234 2233	3354 3321	1112 3234	2423 3333
Sl								
RS	5433 5443	4212 2213	4221 1111	0224 3423	4334 2132	3343 2322	1211 3224	3422 3333
Ag	5575 4443	5322 3123	3422 1122	2243 3333	4445 2124	3576 3432	1421 2324	4433 2222
Wi								
Ab	5443 5543	4212 3323	4312 2111	1334 4433	3344 2233	4354 3322	1211 3345	3422 3333
Sr	4444 3332	4223 3212	2232 3112	1345 4323	3334 2224	3345 4422	1232 3233	2333 2222
Nl								
KP	4433 5443	4223 2312	3222 2222	2234 4333	3333 3332	3344 3332	2322 3224	3423 3233
Ya	5434 4433	3223 3212	3332 2223	2245 3423	3334 2214	3355 3423	2222 3243	3433 3333
Ch	5465 4443	5321 2123	3322 1123	2243 3333	4345 2124	3454 2433	2321 2234	3433 2233
Za	2223 5434	3101 1102	1001 0000	0124 4423	3233 1011	2343 1201	1102 2113	1211 1212
VD	3343 3442	3213 2212	2232 1112	2334 4423	3312 2122	2343 3322	2232 3223	2322 2322
Eb								
St								
Zy	5344 5432	4323 3212	2433 2222	1345 4432	3444 3323	3444 4342	3332 3232	3433 2323
SF	4354 3553	5320 2222	4332 3212	1333 3333	4345 3134	4253 3322	2122 3334	3322 3333
Tu	5465 3332	5322 2222	3323 1133	2344 4333	3345 2234	4455 2322	2321 2334	3433 2232
Du	5344 5442	4333 3223	3323 3222	3244 4434	3445 4233	3544 3322	2333 4234	2424 3333
Ke	5345 5342	4322 3112	3232 2222	2344 3423	3534 3322	2333 3222	2423 3222	3131 3322
SJ	4354 3222	4312 2111	2311 1011	0333 2222	2313 0123	1353 2322	1211 1123	3421 2123
Ka								
Ho	3344 3211	4201 1111	1211 1111	0243 3222	2223 1013	2445 1212	1111 1122	2222 2111
ZS								
Al								
Hu	3333 4441	3212 3311	2210 2211	1232 3422	2312 2213	3343 3321	1212 2232	3421 3323
Ap	5444 4323	4222 1222	3322 2122	3344 4223	2323 2213	3443 3322	2221 1022	2343 0121
Pi	4444 4422	5302 3011	3311 2201	3230 2303	3321 3004	3353 3222	2300 2113	4431 3033
CT	3333 3542	4212 2212	2012 2211	1224 2213	3123 2223	3553 2321	2111 2223	2333 3212
Wa	5243 4432	4222 2222	2321 2221	1235 3323	2334 1123	3535 4422	2212 3232	2422 2222
To	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	2322 3132	3333 2312
Am	4355 4432	3222 3201	2322 1002	1234 4312	3354 2103	3556 3212	2201 2112	2333 1122

Obs'y	9	10	11	12	13	14	15	16
Go	4233 4433	2223 2432	2223 3432	2234 4333	2234 4322	2324 3322	2223 3322	2124 4553
Iv	5332 3324	4421 1334	4332 2222	4442 2233	4333 2224	4422 2232	2221 2222	3321 3333
Co	2222 3111	1000 1110	2110 0011	2231 1111	2212 1010	1202 1010	1100 1110	2110 2222
So								
Le	3112 2211	1111 2221	1111 2210	1221 2110	1112 2112	1112 3210	0101 1220	1201 3333
Do								
Me	1121 1112	0000 1111	0121 0111	2322 2111	1121 1210	0321 1000	1000 0101	1101 2222
Si	2221 2111	1101 1111	1120 0111	2321 1111	2222 1000	1212 2111	1101 1111	2111 2222
Es	2221 3321	0111 3222	1112 2321	1212 3211	1111 2112	1213 3311	0011 1211	1201 3333
Sl								
RS	3111 3211	1001 2221	1210 2211	1211 2201	2102 1101	1113 3200	1101 1110	1201 3334
Ag	3231 2122	1100 0121	1021 1222	1331 2211	1122 2111	1312 1021	0001 1210	2102 2323
Wi								
Ab	3122 3321	1111 3321	1110 3321	1213 3211	1212 2201	0113 4210	1212 2210	1211 4333
Sr	3222 2112	2101 1122	1120 1112	2221 1102	1221 1011	1222 1010	1111 1112	1122 3233
Nl								
KP	2222 2312	1101 2321	1213 2323	1223 1211	2121 2212	1212 3311	2112 1211	2223 3334
Ya	3232 2322	2222 2233	1232 1222	3232 1113	2233 2112	1222 2112	2222 2112	2223 3233
Ch	3222 2222	0200 1122	1121 0123	2321 0122	2221 2111	1312 1111	1110 2221	2102 3334
Za	1011 1100	0000 0000	0000 0000	0000 0000	0001 1001	1001 1000	0000 0100	1000 2223
VD	2221 2122	1212 2222	1223 2211	2223 2211	1122 2101	1211 2101	0201 2100	1212 2123
Eb								
St								
Zy	3333 3321	3223 2220	1132 1213	3332 1212	2323 2111	1213 2111	1121 1111	1133 3332
SF	2232 2322	1133 3412	2212 2312	1213 1111	2223 1212	1112 3101	0112 3321	1122 3333
Tu	3231 2122	1101 0122	1120 0122	2331 1121	3221 1111	1312 1211	1111 1111	2212 2233
Du	3423 3322	2334 3320	0134 2223	2333 1122	2323 3222	2323 4222	2333 2222	2223 3344
Ke	2222 2220	2223 2220	1333 1112	1311 1111	2133 3001	2222 2111	1123 2211	1232 3334
SJ	2121 1212	0100 0000	0010 0111	1221 1011	0101 1000	0201 0000	0101 1220	1101 2223
Ka								
Ho	1011 1101	0000 0010	0000 0012	1101 1111	0100 0000	0100 0010	0001 0101	1002 2232
ZS								
Al								
Hu	2121 3321	1000 1110	0010 1111	111111220	1120 2110	0212 2111	0101 1220	1101 4332
Ap	2111 1112	3310 0212	3301 0023	4321 1113	2121 0003	3212 0112	2111 0113	3202 2223
Pi	3020 2012	2201 3230	1120 3002	2211 3221	0201 2221	0300 0100	0000 1002	2223 3324
CT	2100 2211	0021 3321	1011 2211	0201 2200	0011 1102	0122 3100	0012 3211	1032 2232
Wa	2122 2211	1100 1121	0210 1111	1211 1011	1211 1001	1212 1101	0111 0001	1112 3222
To	3211 2112	1200 0120	0321 0112	1211 0000	1222 1000	2302 1000	1110 0000	2102 3333
Am	2111 1112	1101 0012	2210 0001	2210 0001	2121 0000	1212 0001	2110 0001	1101 2221

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1945--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	3234 5655	3334 4433	3434 3223	2223 3322	2333 3432	2224 3342	2323 4545	3234 5432
Iv								
Co	2122 1333	3134 4111	2313 2112	1010 1011	1100 3111	1101 0111	1100 1223	3223 2111
So								
Le	2112 1443	2222 2221	3222 1022	0011 2100	1001 1200	1110 1120	0100 3325	3212 2210
Do								
Me	2022 1333	3434 2111	3213 1002	1010 1101	1100 1101	1011 1111	1100 1224	2122 1111
Si	2232 2343	2314 2111	3323 2002	1110 1001	1110 2101	2111 1112	1200 1334	4223 2221
Es	2122 2543	2222 2212	3222 1123	1012 3211	1102 1201	1111 2120	0111 3335	3222 2220
Sl								
RS	2122 2443	3322 2221	3323 1122	0001 2100	1111 0210	1100 1220	0110 3335	3122 2220
Ag	2132 2443	4433 2022	3212 2112	1110 1212	1111 2211	1111 2211	0110 1345	4222 1121
Wi								
Ab	2123 2553	3221 3223	3322 1123	0011 3111	1013 2311	1111 2130	1111 3345	4222 3220
Sr	2234 1343	2333 2112	3332 1012	1111 1002	2212 2101	2111 0111	2111 2334	2233 3121
Nl								
KP	2233 2434	3213 3222	4324 2233	2212 2321	1111 1211	1211 1111	1111 2334	3232 2231
Ya	2244 2453	2334 2122	3333 2111	1212 2111	1121 2111	1222 1221	2222 3335	2333 2231
Ch	2132 2454	4432 2122	3322 1123	1111 1112	1111 1211	2111 1121	1210 1346	5232 2221
Za	1122 2443	1122 1100	3212 1022	1000 0000	1101 1201	1001 1110	0011 2335	4122 2130
VD	1132 3343	2233 2221	3323 2122	1112 1111	1122 1211	1121 2121	1211 3344	3233 3231
Eb								
St								
Zy	3244 2442	3344 3222	3434 2213	3122 2211	2333 2211	1121 2121	2222 3335	4333 3232
SF	3343 2553	3333 3213	3311 1223	0023 3312	2222 3200	1112 2221	1200 3346	4333 2221
Tu	2243 2444	3324 2122	3322 1123	1110 1112	2211 1211	1112 1122	1210 2336	5232 2221
Du	2243 2543	3433 4233	3333 3223	1233 3112	3322 2322	2322 2321	1323 4346	3333 3322
Ke	2243 1432	2332 3122	3434 2122	1120 2201	2211 1200	2122 2220	2121 3335	3233 2220
SJ	0133 1343	3321 1111	3111 0001	0000 1001	0101 0100	1001 1010	1110 2135	4121 2000
Ka								
Ho	1133 0321	1123 1102	2112 0001	0000 0002	1100 1102	1001 0111	1100 1124	3211 1110
ZS								
Al								
Hu	1122 3552	2210 1211	3212 2111	0100 2101	0101 2310	1101 2230	1110 3434	4221 2311
Ap	0332 1332	2333 2101	3412 0202	3100 0012	2210 1022	3100 0102	3210 1235	3222 1012
Pi	0331 2442	2212 3313	3311 1002	0001 2021	0200 2001	2011 2210	1211 3225	5321 1021
CT	1133 1452	2113 2111	2212 2012	0000 1001	1111 1100	1002 2221	0010 2225	3212 2220
Wa	1232 1343	1222 3122	3222 1212	1111 1211	1211 1111	1111 1221	1111 1325	3221 2121
To	2233 2343	2233 3111	3322 0102	1200 1001	1111 2101	2211 1101	0110 1225	3322 2122
Am	2122 1221	1233 2011	3222 1112	2111 1000	1111 2101	2100 1001	1200 1213	3212 2111

Obs'y	25	26	27	28	29	30	31
Go	4334 3433	2333 4433	2223 3422	2246 6433	4234 5534	3334 6544	3223 3222
Iv							
Co	1201 1011	1212 3310	0000 1210	1235 5212	3111 1322	4533 5311	3210 0000
So							
Le	1111 1222	1011 2111	1010 1110	1123 3222	3212 2224	4532 2223	3211 1001
Do							
Me	1102 1111	1112 1111	0010 1111	1244 4113	2101 1122	4533 4213	4210 1010
Si	2102 1010	1222 1211	0010 1110	2343 4223	3111 2222	3632 4212	3210 0000
Es	2112 2221	1112 2211	1101 2200	1223 3232	3112 2334	4432 3322	3111 1102
Sl							
RS	2212 1112	1012 2221	2100 0200	1233 3223	3112 2324	4422 3313	3110 0002
Ag	2311 1112	1222 2212	1011 1211	1233 3224	4101 1223	4632 3223	5210 0111
Wi							
Ab	2222 2211	1112 2221	1011 2300	2234 4333	3112 2334	4423 4323	3111 1102
Sr	2222 0012	1322 2232	0001 1100	2344 4123	3222 2213	3332 4223	2210 0000
Nl							
KP	1121 1112	1112 2221	2101 2100	1134 4322	2232 2323	4432 3223	2221 2112
Ya	2323 1112	2322 2322	1211 1111	2345 4223	3223 2222	3323 3322	2221 2111
Ch	3201 0123	1122 1122	0011 0011	2333 3234	4111 2233	4532 2233	4200 0011
Za	0001 0011	0001 2211	0000 0000	0134 3221	2121 2213	4322 3111	1100 0000
VD	2221 1112	2122 2122	2211 0111	2134 4222	3122 2323	3322 2222	2132 2112
Eb							
St							
Zy	2233 1132	1231 2321	1121 1000	2234 4323	3122 3323	3323 3233	3222 1110
SF	2222 2323	0132 2111	1011 2210	3343 3333	4123 3323	4332 3333	3222 2102
Tu	2212 0123	1221 1222	1011 0111	3333 3234	3122 2224	4532 3224	4210 1112
Du	2334 3223	2233 3222	2422 2220	3345 4333	3434 3335	3413 4323	3334 0001
Ke	2332 1121	2323 2221	2202 0100	2444 4223	3222 2334	4322 3223	2120 0001
SJ	2001 0010	0111 1100	0000 0000	2233 3223	3111 1213	4421 2112	3200 1100
Ka							
Ho	1001 0011	0012 0000	0000 0010	2222 3123	2111 1112	2311 3111	2100 0001
ZS							
Al							
Hu	1002 1111	0111 3220	0000 0200	2233 3333	3112 3322	3432 3431	3100 1100
Ap	2101 1113	1322 1210	1010 0000	3342 3123	3231 0222	5432 3113	2200 0001
Pi	2000 0001	0201 1020	0000 2011	2231 2123	3000 3204	4432 3204	4200 1000
CT	2112 1112	0212 1110	0002 0100	2223 3222	3112 3213	3222 3223	2012 0001
Wa	1111 1111	1112 2221	1111 1111	2343 3222	3322 2213	3532 3322	2211 1101
To	2101 1002	1112 1321	1101 1102	2254 4212	3211 2303	3421 3221	2201 0000
Am	2211 0011	1212 1111	1100 1101	2243 4112	3122 1212	4421 4211	2100 0000

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1945

Obs'y	1	2	3	4	5	6	7	8
Go	2223 4433	5434 5434	3333 4433	2223 3333	2334 4532	3534 5433	2233 4444	3112 3433
Iv								
Co	0102 2122	4635 4221	2211 3211	3123 0000	1233 2510	3233 2211	1123 2212	2101 1321
So								
Le	1011 1122	5522 3333	2212 2221	1111 2213	2112 2320	2221 2212	1012 2123	2102 1322
Do								
Me	0221 1122	4523 2111	2100 0111	2122 0111	1243 3211	2333 1202	1133 0122	1000 1212
Si	0222 1123	4724 3222	3221 2122	3123 1101	1233 2321	3322 2122	2122 1222	2101 1211
Es	1122 1232	4422 3332	2212 2221	1111 2213	2212 3331	2322 3322	1012 2223	2002 2322
Sl								
RS	1001 1132	4422 3343	3221 2121	1111 0002	2112 2320	2322 2312	1212 1123	1111 1322
Ag	1231 2333	5622 3222	4321 2323	2222 1222	1324 3331	2423 2222	1123 2232	2111 1332
Wi								
Ab	1112 1332	4422 3333	3211 3221	1111 2013	2222 3430	2332 3322	1133 1223	2111 3322
Sr	0111 2133	3323 3233	2233 2222	2222 0112	2333 3321	2333 3211	1232 1212	2222 1312
Ni								
KP	1100 2233	4423 3422	2222 2222	2221 1103	2223 4321	3322 2222	2133 3323	1112 2332
Ya	1212 2133	3433 3123	2232 3112	2222 0101	1234 3321	3443 2212	1233 2213	2232 2322
Ch	1110 1133	5522 3133	4221 2123	2211 1112	1323 3231	2422 2222	2122 1233	2111 1223
Za	0000 0042	4323 3343	1110 1111	1112 0002	0122 3320	2312 2111	1123 3213	2000 2421
VD	1122 1233	4322 3332	1212 2111	2232 1112	1123 3321	2322 2222	2213 2222	2211 2210
Eb								
St								
Zy	1212 2133	3433 3332	1222 2211	1100 0222	2333 4331	3333 2221	1243 2221	2122 2322
SF	1131 2243	4411 3233	3332 2222	2221 2223	2233 4331	2433 3323	2233 3234	3110 2433
Tu	1111 1123	5523 2212	3221 1223	2222 1003	2333 3221	2422 2222	2122 1112	3111 2322
Du	0322 2233	4433 3443	3442 2222	2322 2223	2343 4332	2333 3322	2334 2233	2333 3333
Ke	1213 2233	4433 3342	3233 3211	2232 2102	2233 3332	3442 3321	2233 2222	2233 3322
SJ	0000 1122	5411 1011	2211 1221	1112 0001	0222 3120	2321 1111	1112 1112	2001 1111
Ka								
Ho	0001 1123	4313 1111	2111 1111	1102 0001	0112 2221	2311 1110	0111 1101	1011 1110
ZS								
Al								
Hu	0012 3232	4412 4321	2211 3321	1111 2111	1222 3330	3321 2321	1111 2221	2001 3321
Ap	0102 2132	5413 2213	3210 2023	1122 0102	1223 2221	3322 2232	2212 1132	3102 1211
Pi	0002 1013	5423 3301	3220 2202	1112 1012	1322 3321	3412 1122	0101 2023	2202 2412
CT	1002 2132	3322 2223	1110 0201	0102 1102	0122 3321	2223 2112	1123 2223	2113 2422
Wa	1222 2233	4422 3432	2122 1111	2121 1202	1323 2311	3222 2211	1122 2221	2211 1312
To	0122 2033	4413 3322	2121 2101	1222 1101	1323 2311	2321 2111	1122 1321	1211 1222
Am	0111 2012	4413 2112	2211 2111	2112 1111	2222 1210	2322 1112	2122 2211	2110 1111

Obs'y	9	10	11	12	13	14	15	16
Go	2123 4322	1113 2323	3222 4433	3234 4432	2244 4433	3336 4442	3234 4534	4334 4332
Iv								
Co	1010 0100	1000 0101	1110 0011	2133 2211	2246 5412	2346 5541	2235 3222	2211 1210
So								
Le	2101 2110	0012 1111	3202 2213	2201 1210	2122 3223	3323 3332	2112 2324	4212 2112
Do								
Me	1111 0010	0010 0101	1010 1112	1043 1012	2145 3201	1456 3331	1255 2223	2110 0101
Si	1121 0111	1111 0101	2111 1221	2133 1212	2235 4312	2445 3331	3234 2123	3211 1111
Es	2001 2110	0022 2111	2002 1223	2211 2321	2232 3214	3323 3332	2222 2324	3111 3222
Sl								
RS	2011 2001	0011 1111	2002 1113	2222 2211	2122 3313	3332 3341	2112 2224	4121 2211
Ag	2221 2322	1210 2212	2112 3333	3223 2122	2344 3322	3454 3332	3333 2233	3121 2221
Wi								
Ab	1121 3211	0121 2221	3111 1233	2221 1312	2132 3314	3333 3442	2122 2334	4122 3312
Sr	2221 1112	2121 1212	2111 1123	1233 2122	3334 5323	2323 3242	3234 1223	3321 1111
Ni								
KP	2111 2211	0211 2211	3222 2323	2232 1311	3233 4313	2323 3424	2223 2323	3222 2222
Ya	2221 1100	1221 1012	1112 1221	2232 1212	1334 4212	2333 3221	2234 2332	4222 2111
Ch	2210 1222	1100 1012	2011 1233	3222 1122	2343 2313	3444 2232	3233 1133	3221 2122
Za	1000 0000	1000 1000	2100 1111	2011 0110	3123 4210	3112 3340	2113 1213	3111 1210
VD	1112 2111	1111 1111	2111 1112	2221 2211	2223 4313	2333 3342	2113 2223	3222 2212
Eb								
St								
Zy	3111 1111	1131 2111	1233 1112	2232 2211	2244 4223	2422 3341	2234 1222	3122 2311
SF	1121 3111	0010 0222	3200 0223	2122 3122	1242 3132	3444 4341	2222 3234	4322 3222
Tu	2120 1111	1100 0111	2011 1223	2222 1122	2344 2213	3444 2243	3234 2233	4221 2122
Du	2334 2222	2433 2122	2333 3323	2333 3322	2334 3424	3433 3432	2323 2334	4332 3322
Ke	3121 3211	2331 1011	2221 1213	3231 1211	1343 3324	3332 3442	2233 2323	3222 2212
SJ	2110 0000	0000 0200	0011 0112	2111 1111	2233 2002	3333 2131	2122 2022	3121 0100
Ka								
Ho	0000 0001	0000 0001	1000 0112	0111 0012	1023 2102	1123 1121	2123 1112	2110 1110
ZS								
Al								
Hu	1000 1211	0000 1101	1000 2221	2122 2221	1222 3312	2333 3331	2111 2332	3210 3220
Ap	0101 2213	3201 1014	2222 0222	2231 1124	2354 2213	4333 1232	3223 2132	2211 0112
Pi	2000 3220	0000 2002	2002 3133	3000 2021	2232 3303	3330 3142	3201 2213	4110 2130
CT	1122 2001	0022 2211	2012 2123	2123 4211	1223 3213	2232 4231	2123 2224	3122 2222
Wa	1111 1111	1111 1111	1111 1113	1111 1111	1143 4213	2333 3341	1113 2123	2231 1212
To	1111 0000	1010 1001	1110 2102	2222 1111	1134 4301	2333 2241	2223 2122	3111 1111
Am	2200 0101	0000 0000	1110 0112	2221 1111	2244 3212	2233 3331	3234 2122	3111 1111

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1945--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	2124 3433	1123 3332	2233 3222	2223 2222	2225 5432	1123 3443	4333 4422	2222 2321
Iv								
Co	1114 1210	0000 1000	1111 0000	1100 0011	1002 5211	0010 1553	3435 3111	1110 0110
So								
Le	0021 2220	0012 2110	0001 0111	0001 1100	0112 3220	0111 1443	4312 2202	1200 0000
Do								
Me	0103 0110	0000 0011	0010 0101	0000 0111	1122 3221	0021 1333	3434 2201	1210 0011
Si	1113 1121	0010 1111	1111 0021	2100 0101	1112 4321	0021 1333	4433 2101	1220 0100
Es	0121 2320	0112 2210	0111 1111	1112 2100	0113 3320	0121 2443	4312 2212	1211 1110
Sl								
RS	1111 2320	0002 1110	0000 0000	0000 1000	1113 3321	0011 1442	4311 2201	1210 0110
Ag	1212 2222	0001 1221	0021 2221	1001 2211	0223 4221	0112 2433	4533 2221	1320 2120
Wi								
Ab	1111 3311	0012 3211	0121 1111	0121 2000	1113 3321	0221 2443	4422 2201	0321 2100
Sr	1223 2221	2211 1121	2121 0001	1210 0010	2012 3322	2122 1332	3233 2122	2120 0201
Ni								
KP	2112 2321	1112 1121	2121 0011	2112 2211	1223 3321	2222 2433	4322 2201	1111 0210
Ya	2222 2221	2221 1120	2132 1101	1111 1100	1123 3211	0122 2533	5333 2212	1211 0212
Ch	1212 2221	0000 1111	1121 0022	1100 0001	1212 3221	0021 1333	4532 2111	1320 0010
Za	0001 1210	0000 0000	0000 0000	0000 0000	0002 3110	0010 1342	3111 1100	0001 1000
VD	1122 2221	1212 1111	1222 1111	1121 1101	2123 3221	2121 2443	4322 2202	1122 1210
Eb								
St								
Zy	2332 3220	0121 1120	2111 1111	2121 1011	2314 3211	0121 1533	4443 3221	1320 1111
SF	1232 3222	0123 0321	1121 2211	0130 1011	1104 3320	0133 4554	5322 2110	0212 1210
Tu	1222 2232	0010 1021	1121 1122	1100 0001	1213 3212	1021 2432	5523 2212	1320 0121
Du	1223 2321	1223 1121	2333 1121	1222 2111	2344 2321	1332 3554	4333 3312	1232 1121
Ke	1323 1320	2322 1111	1332 1010	2221 1001	3133 3221	2132 2543	4333 3311	2322 1110
SJ	0212 1122	0001 1000	0011 0120	0000 0001	0203 1210	0010 1232	5411 2000	0310 0000
Ka								
Ho	0012 0011	0000 0001	1001 0010	1000 0010	0103 3200	0010 1333	4211 1001	0000 0000
ZS								
Al								
Hu	1111 3341	0001 2210	0000 1121	1101 2100	1113 3430	0111 2542	5411 2310	1210 0110
Ap	2112 2033	2010 0011	1231 0122	1000 0132	2213 3122	1120 2334	6312 1231	3120 0221
Pi	0120 3230	0011 2210	0102 0101	1012 2201	1203 3221	0132 3543	5520 2311	0302 2200
CT	2222 2220	0122 1100	0112 0100	0023 1200	0123 2211	0112 1534	4221 1100	0121 1000
Wa	1123 2220	1121 1120	1221 1111	1211 1111	1123 3211	1221 2442	4323 2211	1111 0111
To	1113 2211	1010 1110	1220 0000	2100 0000	0113 3210	0121 1333	4323 2211	0110 1200
Am	1112 2211	3110 0001	2221 0011	1100 0001	1113 4221	2111 1232	4322 2101	2110 0001

Obs'y	25	26	27	28	29	30	31
Go	1133 3321	1233 4312	2223 4433	5534 4433	2234 3422	1223 3432	1222 3233
Iv							
Co	0011 1001	0021 2011	0110 1212	4522 3432	2233 2001	0000 0100	0100 0011
So							
Le	0111 2110	0001 2200	2101 1332	6732 2343	2222 1112	1002 1211	0011 1223
Do							
Me	0132 1210	0221 0101	0000 0212	6632 2322	1242 1001	0000 0111	0110 0001
Si	0131 1000	0122 1101	0111 1233	6722 2332	2243 2111	1000 0111	1100 0010
Es	0121 1100	0111 2211	2101 2333	5623 3342	2122 2212	1113 2322	1121 1123
Sl							
RS	0112 1100	0000 1200	2101 1342	5632 2342	3122 1112	0012 0111	0101 0122
Ag	0241 2221	0221 2122	2111 2333	6632 2232	2342 2122	1101 1121	3311 1122
Wi							
Ab	0111 1211	0021 2212	2121 2333	5532 3343	3122 2212	1121 2111	1121 1133
Sr	1120 0110	2211 2011	1222 1223	4533 3432	2233 2112	1111 0121	1111 1021
Ni							
KP	1122 1211	1001 2201	2112 2342	5623 3442	2123 2223	0002 1221	1122 2222
Ya	1132 1110	2321 1100	2132 1322	5543 3332	2233 2101	0221 0222	1221 1122
Ch	0230 0010	0111 1122	2211 1233	6422 2232	2332 2122	1100 1111	2300 0122
Za	0001 1200	0011 1100	1101 1132	5522 3443	3234 3213	1121 1221	1110 1223
VD	1022 2111	1122 1212	2222 2332	6633 3442	2123 2212	1121 2211	1121 2132
Eb							
St							
Zy	1133 1111	1231 2121	1232 1333	6342 4342	2333 2211	1231 1321	2221 0022
SF	0122 2110	1033 2212	2233 3333	6632 3343	3223 2221	1112 1221	1111 2133
Tu	1131 0010	0111 1001	1211 1132	6622 2242	2232 1011	0000 1111	1200 1010
Du	0342 1221	1233 2222	2334 2343	5543 3452	2343 2212	0122 2211	1233 2133
Ke	2333 1210	1222 2221	2232 1343	5543 3352	3243 1111	2203 1211	1223 1022
SJ	0120 0000	0100 1100	1211 1122	6512 1132	2322 1111	0000 0111	0200 0000
Ka							
Ho	0010 0111	0000 1011	0111 1122	6511 1231	1122 1101	1000 0011	1100 0011
ZS							
Al							
Hu	0120 1110	0100 3310	1212 2322	6522 3331	2222 3210	1000 2220	1211 2221
Ap	2322 2123	3220 0231	2221 0134	7512 3232	3232 1032	3311 0232	3000 0123
Pi	0120 0010	0100 3312	0222 2323	6633 3042	2322 2011	0000 2211	2210 1221
CT	0032 2000	1023 2001	1122 1222	5622 3342	2122 2101	0002 2122	1021 0023
Wa	1221 1211	1221 2121	1111 1232	6542 3452	1232 2211	0111 1221	1211 1121
To	0222 1100	1111 1010	0111 1222	6521 3441	1232 1100	1000 1111	1110 0011
Am	1111 0001	2111 1111	1211 1102	5421 2232	3232 1111	1111 0011	1110 0011

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1945

Obs'y	1	2	3	4	5	6	7	8
Go	2023 3343	3333 3322	2113 3322	4345 4333	3234 4432	2334 3223	3233 3322	2123 2323
Iv								
Co	1000 1111	2232 3101	1002 4001	2256 6322	2113 3411	2203 3101	0122 3111	1000 1011
So								
Le	1001 1123	2122 1102	1012 1112	3343 3232	2122 2222	2112 2122	1211 2112	1112 1123
Do	0001 2222	2223 1210	1002 1101	3233 3242	3112 3321	1112 2112	1111 2112	1101 1112
Me	0000 1122	2232 1122	1000 1111	2266 5222	1232 1211	1212 2112	1131 1110	0000 0002
Si	1001 1132	2141 2111	1001 2001	2246 5222	1232 1221	2313 3011	1132 2011	1000 1111
Es	1001 2233	2222 2112	2013 2102	3243 4232	2122 2322	2112 1223	1222 2202	1112 2132
Sl								
RS	1011 1133	2222 2112	1111 0112	3243 3242	3022 2321	2112 2122	1111 1002	0100 0133
Ag	1001 2232	4332 3122	1011 3222	3254 3233	3232 3322	2322 3323	3232 2321	1001 2233
Wi	0011 1222	2113 3211	1112 1102	3133 3242	2112 2321	1112 1012	1112 1112	1101 1033
Ab	1011 3233	2223 3212	1021 1102	4244 4342	3233 2432	2112 2223	1122 3112	1111 2143
Sr	2211 2122	3332 2202	2211 2112	2233 4232	2312 2211	2312 3012	1211 3100	2211 1003
Ni								
KP	1111 2132	2223 2112	2022 2122	3234 3342	2124 3342	2213 2232	2122 2122	1212 1222
Ya	1222 2221	2232 3112	2121 2112	3354 4231	2322 2322	2322 2112	2231 3202	2121 1113
Ch	1101 1133	4321 1121	1111 1122	3344 3223	3222 1222	2212 1013	2222 1122	1001 0133
Za	1122 2233	2133 1212	2122 2212	3234 3343	2234 3442	3221 3211	1022 2013	1121 1213
VD	1121 2122	1222 2112	1222 2121	3244 4342	2132 1421	2112 3111	1222 2111	1122 2133
Eb								
St								
Zy	3123 2322	3243 2122	2212 2112	3454 3333	3322 2422	1213 2212	1132 3103	1112 1144
SF	2222 2233	3322 1222	2122 2312	4342 4343	3231 3311	3111 3222	1122 3312	0121 2244
Tu	1001 1122	3231 0011	1001 1101	1232 2222	2221 1122	2212 1002	1121 0001	1000 0133
Du	2323 2232	2443 2222	2333 2222	4254 5243	2332 2432	3433 3122	1232 2222	1433 2144
Ke	2323 2222	1124 2222	2233 2112	3455 5243	3243 1331	3122 1122	3322 2212	3332 1143
SJ	1001 1221	3222 1001	1001 0011	3333 2221	2202 1311	2202 1002	2111 1001	1002 0133
Ka								
Ho	1000 1122	2121 1111	0001 1001	2254 3121	1221 0201	2112 2001	0020 1011	1000 0033
ZS								
Al								
Hu	1001 2231	3222 2110	1111 2221	3332 3331	2200 3321	2211 2212	2121 2211	1001 1233
Ap	2101 1223	2021 1123	1311 2212	3365 3232	2221 2222	3113 2033	2021 2233	2100 0043
Pi	0001 0213	4223 1321	2100 0221	3332 0312	2302 1201	2101 1223	2020 0320	1002 1304
CT	0022 2122	2222 3101	1022 1111	3234 2232	2122 3311	2122 2112	1133 3111	0021 1034
Wa	1211 1121	2332 2112	2211 2112	3255 4342	1221 2321	2223 2112	1232 2112	1111 1133
To	1212 1121	2222 2111	0101 3011	3355 3322	2121 1222	2212 3021	2122 3111	0111 0023
Am	1111 0022	2221 2112	2101 2121	2355 3222	2122 1321	3223 2022	2211 2111	2200 0013

	9	10	11	12	13	14	15	16
Go	2113 4333	2023 3332	2123 4344	4334 5332	1134 4432	3212 2232	1123 2222	1123 3333
Iv								
Co	1000 3201	0001 1111	1013 3344	4423 5010	1213 5221	0110 0000	1013 0001	0002 1112
So								
Le	2012 2102	2002 1120	0011 2244	5322 2211	0011 3232	2211 1111	0011 1111	1111 2213
Do	1011 2202	1002 1131	1111 2336	6323 3120	1111 3241	2100 0110	0001 2111	0001 1223
Me	1010 1212	0000 1121	1002 2333	3333 4111	0022 2222	1110 1110	0033 0010	0021 1213
Si	2110 2202	0001 1111	1012 2233	3333 3010	1113 3231	1100 1110	1023 1000	1123 1112
Es	2111 2212	2012 2121	1012 2344	4323 3221	1012 3331	2111 2110	1022 1111	1122 2313
Sl								
RS	1120 2202	1011 0121	1111 2345	4332 3121	1122 3242	2110 1010	0101 1100	1111 2223
Ag	2111 3213	0012 2221	2212 2233	5433 3331	0122 2231	3101 1221	1123 1121	1122 1223
Wi	3022 2102	2012 1121	1112 1244	4222 3211	1013 2141	1001 1110	1011 1010	1002 2224
Ab	2121 2212	2012 2121	1122 2355	4323 3222	1122 3342	2111 1110	1111 1111	1112 3323
Sr	3221 3102	2211 0111	3221 1234	4332 4221	2222 3231	1110 0001	1211 1111	2212 2132
Ni								
KP	2222 2212	1012 1221	1222 0354	4333 3322	3221 3342	2102 1132	2113 2122	1213 2334
Ya	2221 3212	1021 1120	1231 1354	4332 4221	2323 3332	1221 1111	1222 1111	2222 2232
Ch	3120 1212	0011 1121	3221 2133	5432 2111	1122 2142	3100 0111	1112 1021	1121 1213
Za	3122 3011	1110 0022	2122 2354	4323 3232	2112 2342	1100 0112	0100 1011	0011 0332
VD	2122 2201	1121 2222	1221 2233	4233 2421	1232 2341	1211 2211	1232 1111	2232 2233
Eb								
St								
Zy	2232 3212	1222 1223	2332 1122	4333 4131	3333 3342	2121 1011	2332 1122	2222 1232
SF	3231 1222	0012 3311	1121 3455	5333 4321	1233 3333	3100 2110	1012 1210	2223 2423
Tu	2110 1102	0011 1020	2111 2234	4432 3020	1221 2232	2000 0110	2112 1011	0122 1213
Du	3333 2213	2223 2232	2122 3444	3333 4222	2244 3242	2222 3231	2233 3122	2234 3323
Ke	3232 2211	1232 1222	2333 2343	3333 3121	2332 3242	3333 2021	2332 2120	2222 1322
SJ	2110 1001	0011 1010	2112 2343	4322 2120	0121 1031	2100 1000	1101 0020	0110 1223
Ka								
Ho	2110 1002	0011 0010	0111 1223	4321 2010	1122 2121	1000 1000	1011 0011	1112 1112
ZS								
Al								
Hu	2111 2211	1011 2210	2010 2333	3311 3210	1012 4340	2000 2210	1112 2220	1110 2312
Ap	3320 1132	2111 0131	3120 0223	4321 3232	3122 2022	1100 0023	1100 0112	1202 2213
Pi	2110 1221	2001 1220	2001 0344	3323 3320	0112 2332	3000 3220	1110 1021	1102 1313
CT	2123 1212	0012 1120	0012 1343	4222 3221	1131 3322	2112 1020	1023 1110	1010 2233
Wa	2332 3112	1112 1221	2122 2345	4322 4221	1222 3342	2111 1111	2112 1011	1212 2223
To	2222 3112	0111 1111	2122 1233	4422 4111	2322 3122	3311 0013	2212 1003	3211 1212
Am	3111 2112	3111 1111	1122 2234	5423 3121	2222 3122	2210 1010	2122 0112	2213 1212

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1945--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	5435 4555	5533 5444	4234 4343	2323 4421	1124 5533	3233 3322	3212 2211	1012 2322
Iv								
Co	3677 6633	3367 5743	4127 3221	2236 2110	0002 5502	2111 1110	1000 0000	0001 0010
So								
Le	5334 4545	4433 5656	7211 1132	3222 1210	0002 2233	2200 1110	1011 1000	0001 1112
Do	5334 6555	5433 5756	6122 2233	3222 1220	0011 2233	2201 2220	1110 0000	0000 0111
Me	3666 5433	4466 5633	5144 1111	1335 2210	0002 3213	2311 1111	0000 0000	0110 0100
Si	3656 5433	3356 6643	4244 1111	1325 1110	1002 4312	2211 1110	1001 0000	0001 1100
Es	4434 4445	4333 4545	5112 2122	2223 1320	0012 3232	2201 1211	2122 1000	0011 1112
Sl								
RS	4344 4544	4433 4645	5112 1233	3223 1220	0112 3233	2211 1121	1110 0000	0000 0111
Ag	6656 4444	5455 4543	6133 2122	2324 3320	0002 3323	3311 2322	1001 2210	1001 1121
Wi	4335 3454	4433 4545	4111 1133	2123 1221	0011 3233	2111 1110	1111 1001	0001 0111
Ab	5434 4545	5444 4545	5121 1232	3223 1221	0011 3333	2211 2111	1131 1000	0011 1112
Sr	3434 5543	2345 5743	3324 2121	2223 2110	1212 3312	2110 1112	1211 1000	1201 1101
Ni								
KP	5345 5655	4445 5766	6233 2333	3223 2221	1012 3333	2211 1131	2132 3221	1100 0211
Ya	4445 6443	3344 5757	2233 2222	2323 2211	1222 3413	2221 0111	1210 1010	1112 1211
Ch	5545 3344	5454 4534	6133 1122	2323 1120	1002 2223	2310 1111	1000 0111	1000 0111
Za	4334 4445	3444 4655	4223 1233	2213 3122	1122 3324	2221 1111	1110 0011	1011 0221
VD	4345 4545	3344 4655	4233 1232	2223 2110	2211 3333	2222 2122	2221 1111	1321 1221
Eb								
St								
Zy	4436 5444	3355 4654	4333 2221	1224 1220	2321 3422	2231 1110	0210 0111	0111 1210
SF	4435 4445	4444 4645	5222 2232	3333 1220	1122 3333	2213 3211	1112 2110	0001 2321
Tu	4536 3333	4445 2333	5224 1121	1324 1111	0001 1223	1201 1100	0000 0000	0000 1011
Du	5535 5545	4354 4654	4323 2332	2334 3231	1233 3333	2202 2222	2320 0220	2222 0130
Ke	4434 4543	3354 3553	3133 1221	2233 2220	2323 2332	1323 1220	3213 1210	3231 1221
SJ	4434 3233	4333 3443	5122 0110	1222 0110	0001 2012	2211 1100	1000 0000	0000 0000
Ka								
Ho	3434 3223	2234 2432	4113 0010	1224 0110	1001 2211	0101 1100	0100 0000	0001 0011
ZS								
Al								
Hu	3424 5542	4322 4543	4111 2221	1221 2320	1001 3322	2201 2310	0000 1010	0000 0210
Ap	4335 3233	3424 3434	4123 0213	1224 0223	2200 2224	2200 1012	1001 0122	2011 1131
Pi	4333 3203	5301 2522	5102 0030	2223 3230	1112 1132	3302 3300	0002 3020	0002 1011
CT	3424 4443	3334 4544	3221 1231	3223 1220	1021 3132	1112 2100	1020 0000	0021 2011
Wa	3345 5443	2345 4654	4223 1121	1223 2211	2231 4423	2211 2211	1210 1111	1221 1221
To	3335 4443	3345 3543	4234 1212	2223 1111	1212 3322	2311 2212	2310 0012	2210 1111
Am	3445 4332	3344 3533	3234 1123	2324 2111	1102 3313	2112 1110	2011 0101	1111 1120

Obs'y	25	26	27	28	29	30
Go	2224 4332	2233 3432	2333 4332	2222 3232	2232 2322	4445 4333
Iv						
Co	0111 2110	0001 1121	1206 5100	0102 1110	0000 0210	2145 3232
So						
Le	1102 2223	2001 2221	1213 2122	2311 1011	0111 0222	3232 2234
Do	0102 3223	1001 2331	0213 2122	1222 1121	1111 0121	1111 0121
Me	0011 2111	2223 1111	0315 4001	0202 0011	0210 0011	2065 3132
Si	0111 2231	1102 1221	1315 5111	1211 1110	0121 0211	2254 3232
Es	0112 3223	2011 2321	1214 3122	2222 1111	1121 0332	3233 2233
Sl						
RS	0222 2223	2100 1331	0224 3221	2322 1021	0120 0232	2233 2233
Ag	1222 3232	3212 2332	1414 4221	2312 2120	1221 2322	4243 3233
Wi	0113 2113	1001 1321	1214 4122	1112 3121	1101 0332	3233 2233
Ab	1213 3223	2012 2321	1224 4122	3222 2221	1231 1331	3343 2243
Sr	1213 1111	1111 2221	1213 2111	1211 1110	1111 0221	2233 2232
Ni						
KP	1222 2233	1012 2421	1224 3222	2222 1121	1111 0021	2233 3433
Ya	2223 2131	2221 1221	2234 3121	3222 1121	1121 1311	2243 4343
Ch	0222 2222	2111 1232	2414 2131	2311 1121	1220 0112	4232 2233
Za	1223 2233	1122 2322	2224 4322	2222 1131	1110 0343	3243 3243
VD	1323 2321	2222 2321	1224 3221	2322 2121	2121 2342	2343 4233
Eb						
St						
Zy	0334 2232	1322 2321	3325 4222	1332 1221	1132 2331	3253 4343
SF	1334 3223	2111 2322	3334 4233	3233 3221	1332 1432	3334 4333
Tu	0233 3112	2111 2121	1313 3222	2212 1020	1221 0111	3242 2122
Du	2334 3323	3223 2333	2235 4232	2232 1222	2200 0333	3244 4343
Ke	1334 3322	2322 2332	3325 5221	2323 1222	2322 2332	3344 3333
SJ	1223 2122	1110 1112	2312 2221	1211 0220	1112 0211	3143 2222
Ka						
Ho	0122 2101	0011 1112	1323 2121	1212 0011	1110 0111	2122 2122
ZS						
Al						
Hu	1122 4321	1001 2332	2312 3321	1111 3230	1111 1321	3233 3441
Ap	2223 2133	1121 1132	2213 2233	2312 1213	3221 1222	4332 3133
Pi	0233 0113	3001 3302	3312 3212	2202 1221	0212 3421	3331 2231
CT	0234 2223	1021 2311	2125 4222	2123 2210	0121 1321	2233 4331
Wa	1333 3222	1122 2312	1324 4221	2222 2121	1121 1312	3233 3233
To	2323 2123	2211 1111	1314 3112	2222 2221	1221 1322	3243 3232
Am	1223 1132	2012 2232	2314 3121	2312 1121	2120 0222	3243 3133

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1945

Obs'y	1	2	3	4	5	6	7	8
Go	3212 2333	1234 4321	3223 3321	1112 2222	2334 3333	1113 3333	2122 2234	2334 3322
Iv								
Co	2102 2122	0124 3300	0001 2100	1000 0001	1023 4332	1002 1210	1000 0023	3235 4410
So								
Le	3110 0243	0111 2100	1011 1100	0010 0000	2212 2333	0010 2123	2000 1025	3012 2310
Do	3211 1243	0112 3200	1000 1100	0100 0010	2201 2332	1000 1033	1000 1036	3002 2300
Me	2002 0011	0023 2110	0010 1000	0000 0011	0133 3222	1000 0111	1000 1023	2134 4312
Si	2102 1122	0123 2200	0011 2100	1000 0011	1133 3221	1001 1111	1000 0023	2134 3311
Es	2111 1243	0122 3200	1001 1100	0010 0111	2212 2232	1011 2123	2011 2135	3123 2311
Sl								
RS	3111 0244	0222 3200	1001 1100	0020 0011	2212 2243	1012 1133	1111 1035	3123 3310
Ag	2211 1222	0122 3201	1010 2111	0001 1322	2233 4223	1001 2312	1001 2234	2122 2312
Wi	2111 1243	0112 2300	1001 1100	0001 0011	2211 2343	1001 1033	1011 1044	3112 3311
Ab	3111 1143	0132 3310	1111 2100	0011 1111	2222 1333	1011 2123	2111 2145	3113 2311
Sr	2211 2232	1122 2100	1110 2200	2200 0001	2213 1333	2210 1121	2110 1023	3223 3311
Ni								
KP	2112 0343	1232 3111	1012 1200	0101 0012	2222 2434	1122 2233	1021 2125	2123 4321
Ya	2222 1231	1123 3211	1111 2301	1110 0002	2223 3433	2111 1211	2121 1134	2222 4322
Ch	2201 0232	0212 3111	2010 1110	0100 0022	2233 1122	1000 1111	1010 1144	2232 1212
Za	1121 0243	1223 3321	1100 1200	0101 1112	2222 2444	2122 1222	2222 1125	4223 4422
VD	2211 1232	1121 4212	1010 1200	1112 1112	2112 1433	1121 1234	2122 1124	2133 4311
Eb								
St								
Zy	3222 1231	0242 3210	0011 1200	1100 0111	2233 2422	2111 2222	1122 2144	2123 4411
SF	3212 2222	1122 3311	1111 2221	0022 2221	2223 2444	2012 2223	1022 3235	3233 2322
Tu	2211 0022	1122 2200	1010 1000	0000 0022	1232 2212	2000 1111	1110 2043	2132 2311
Du	3222 2153	2232 3322	3022 3221	3220 0123	2333 2443	3223 2233	3122 2254	3324 3432
Ke	2122 1243	2132 3111	3321 1110	3211 0122	3223 2333	3232 1222	2132 2144	2333 3421
SJ	2201 0022	0111 2100	1100 1120	0001 0020	1122 1212	1000 0010	1000 1045	2133 1211
Ka								
Ho	2011 0021	0112 1000	0000 1100	0100 0011	1201 2212	1000 0110	1110 0043	2122 2211
ZS								
Al								
Hu	2101 1320	0111 4210	1011 2210	0101 1221	1121 3332	1001 2321	1111 3242	2122 3421
Ap	2211 1111	1122 2101	1210 1101	2100 0023	2112 2212	1100 0013	1010 1144	2222 2222
Pi	3200 1323	0200 0120	1101 2210	1000 3322	1121 3443	2102 2222	2020 3045	4122 0211
CT	2232 3221	0122 3100	1022 2201	0011 2111	2122 2423	1014 3211	1211 2245	2223 2311
Wa	3222 1231	1222 3211	1111 1201	1100 1112	2232 3333	2111 1222	2121 2144	2233 4322
To	3222 2232	0223 3201	2221 2202	2221 0101	1123 3322	1110 1221	2121 1133	3233 4311
Am	2202 1132	1123 3211	0111 2122	3100 1022	2222 3222	2201 0122	2111 1034	2232 4322

Obs'y	9	10	11	12	13	14	15	16
Go	1433 3321	1113 3321	1112 1211	1234 5435	5334 3323	3233 3334	2233 4321	1244 4431
Iv								
Co	0124 1100	0000 1000	0000 0000	1036 6543	2255 4110	1122 4321	1025 3311	0245 6530
So								
Le	1222 1100	0001 1000	0000 0000	0023 5555	4222 1124	3020 2333	1112 2212	1222 3431
Do	0020 0100	0001 1100	0000 0001	0013 7535	3221 2333	2210 2443	1112 2212	0222 4320
Me	1243 1110	0000 1100	0000 0000	0036 6433	3364 2111	1131 2211	1233 3211	1343 4321
Si	1233 1100	0000 1000	0000 0001	0026 7433	3453 3111	1142 3221	0123 2120	0433 5421
Es	1222 1100	0001 2100	0000 1001	0024 3543	2132 1123	2121 2333	2112 2212	1222 3430
Sl								
RS	1221 1200	0002 1000	0000 0000	0124 5554	3131 1123	1121 1444	1112 2212	1121 4430
Ag	1342 2121	0001 1110	0000 2121	0134 5434	4453 2113	2131 2122	1232 2221	3333 4331
Wi	1221 2200	0001 1000	0001 0001	3124 4554	3131 1123	2021 2444	2111 1311	0221 4341
Ab	1222 1200	0021 3110	0011 2101	1135 4554	3132 1133	2121 3444	2212 2212	1231 4431
Sr	1322 1201	2111 1001	2110 0001	1125 7443	2243 2212	1221 2332	2214 3211	1333 4421
Ni								
KP	1322 1200	0011 1100	1011 1011	1135 6554	2333 2223	2122 2343	2223 3322	2333 4441
Ya	2232 2312	0111 2111	0121 0101	0125 5433	2243 2212	1221 2332	2114 2321	1333 5431
Ch	2331 1100	0000 1000	0000 0002	1134 5544	4453 1103	2131 1223	1222 2121	2333 3231
Za	1231 0310	0011 1100	0012 1001	1114 6554	4242 3223	3212 2444	2222 2322	2233 4341
VD	1222 1200	0022 1100	1021 1111	1136 5554	3233 2233	1223 3444	2132 2222	1332 4341
Eb								
St								
Zy	2232 1200	0001 1000	0000 0001	0026 6543	2242 1112	0111 2443	0113 3322	0235 5440
SF	3332 3110	0133 1111	0012 1122	1146 5564	3144 2233	3132 3324	2132 3323	0233 4341
Tu	2232 1000	0000 2100	0000 0002	1134 4534	3353 1002	1131 1111	0223 2112	1333 3221
Du	2232 2300	1202 2220	1022 2222	3236 4443	2343 2233	2122 2444	3222 3332	1332 5432
Ke	3332 2210	1233 1110	2132 1112	3136 4553	3343 3222	1112 2443	2323 3432	2322 5420
SJ	2130 0000	0001 0000	0000 0101	1034 4533	2231 0002	1030 1322	0212 2121	2321 2220
Ka								
Ho	2211 0100	0100 0000	0100 0012	1124 3222	1242 0000	0110 2112	0013 2011	0232 3211
ZS								
Al								
Hu	2222 3200	0101 3210	0001 2212	1224 6552	2222 2312	1021 3322	1112 3321	2321 5531
Ap	2412 1022	1100 0002	1200 0112	1235 3422	2243 1002	2011 2122	2103 2233	2032 4232
Pi	3321 2232	1101 3021	0001 3031	1134 4523	2213 3323	1033 2312	1103 2322	2331 3302
CT	2322 2111	1112 2200	0022 1212	1136 4553	3133 2222	2122 2223	1212 2412	1223 5231
Wa	1222 1211	1211 1111	1111 1012	2245 5543	2232 2222	1121 2333	1223 3222	1222 4432
To	1232 1201	2111 1101	1111 1011	1235 4432	2242 1112	3121 2222	2223 3212	1223 5332
Am	2322 1122	3101 1112	2000 1012	1134 4332	3243 0112	3122 3122	2323 2213	2333 4222

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1945--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	1123 3333	4233 3322	2123 3333	3212 3332	2123 3323	1114 3432	2223 3332	3445 6543
Iv								
Co	0046 3522	2125 5210	0015 4212	1100 1112	0002 0001	0003 5510	1000 0202	2357 6564
So								
Le	0122 1242	2111 1122	2001 2235	5212 2143	1011 0234	1001 3332	2001 1102	3333 4467
Do	0112 1241	1111 1121	2001 2135	5201 2133	0011 0123	0001 1322	1001 1111	3324 4367
Me	0045 2221	1234 3321	0023 3222	3010 0112	0001 1101	0003 3322	0000 0111	3367 7554
Si	0034 2321	2334 3221	0013 3212	2100 0122	0001 1101	1002 4422	1001 0212	2347 7454
Es	0122 1232	2121 2121	2012 2245	4212 2233	1012 1223	1002 2322	2011 1102	3334 5554
Sl								
RS	1122 1242	2121 1121	1111 1145	3200 2143	1011 1134	0002 3322	2011 1112	3334 5565
Ag	0034 2322	2333 2212	3012 2233	3210 2222	0000 2322	0001 4322	1010 2111	3456 5456
Wi	0012 1341	1112 2132	2112 2245	3101 2143	2011 1233	1001 3423	1001 1113	3224 4555
Ab	0223 1342	3122 2132	2111 2245	3211 3133	1012 1234	1011 3333	2011 2113	3344 5555
Sr	1224 3432	2233 3121	1213 3333	2110 1022	1111 1212	2011 4312	1111 0212	3336 4354
Ni								
KP	2112 2243	2133 3222	1123 3245	4233 2133	1212 2223	1012 4423	1122 2212	3335 5554
Ya	1124 2432	1233 3321	1112 3333	3211 2233	1111 1312	1012 4422	1122 1321	3346 5544
Ch	0133 1222	2333 1122	3011 2133	3310 1132	0001 0122	0001 1322	1011 1123	4456 5455
Za	1223 3341	3223 3232	1123 3245	4223 3244	2122 2333	2123 4433	2222 2212	3335 6564
VD	1013 2332	2233 3221	2123 2235	3222 2144	2122 2223	1122 3332	1122 2212	2335 5654
Eb								
St								
Zy	0133 3332	1233 3120	1113 2253	3200 2133	0010 0212	1011 3322	0012 1312	3346 6655
SF	1123 2333	3233 2232	1013 1335	4233 3134	2113 3224	1033 4133	1113 2123	3435 6664
Tu	0124 1331	1223 2111	2011 2123	3200 1122	0001 0112	0001 1223	1011 0113	4456 4543
Du	2143 1341	2224 2332	3224 3245	2212 2244	2112 4233	2123 4433	2222 2222	2226 6563
Ke	3233 2341	2233 1221	3233 3244	3331 2133	2211 1223	2223 5433	2222 2213	3346 6655
SJ	0022 1131	1221 0111	2000 2112	2200 2122	0000 0101	0002 0022	1012 1013	4345 5554
Ka								
Ho	0113 0212	1022 2111	0111 1222	3200 1122	0100 0111	1101 1122	1101 0003	4344 4444
ZS								
Al								
Hu	0111 2431	1211 3221	1012 3332	2212 3332	0011 1322	0001 2442	1002 3322	3333 6662
Ap	2233 0222	1223 2111	1112 2233	4321 1122	1101 1112	1110 1233	2112 1133	4334 4543
Pi	0113 0122	0101 1021	2121 2213	3320 2223	2001 2132	1000 2103	2102 2023	4344 6664
CT	0123 3321	2112 2232	1011 2354	4223 2233	1124 1313	1132 3232	1333 2313	2345 6563
Wa	1122 2332	1232 3222	1122 3234	3311 2133	1111 1213	1112 3312	1222 1314	4436 6554
To	2122 2421	2232 3110	3322 3312	4322 2122	2111 2212	2212 3222	2212 1212	4435 5544
Am	2133 1322	3323 3112	3311 3233	3421 1123	2111 1132	2113 2223	3111 1123	4345 5443

	25	26	27	28	29	30	31	
Go	6534 4432	2212 2322	1223 3333	3434 4444	4333 4335	4223 4332	3312 3223	
Iv								
Co	4546 6530	1000 0100	0012 3323	3424 4442	2122 3323	1014 6210	1000 0100	
So								
Le	6534 5433	2101 0102	0010 1237	8522 3444	2212 2224	2011 2201	1101 2112	
Do	6434 7531	1000 0003	0000 1338	8422 3556	2212 2323	1001 3311	1100 0122	
Me	5757 7421	1100 0111	1121 1324	5624 3333	2202 2222	1001 3111	1000 1111	
Si	4537 5532	1100 0100	1021 2233	4614 3333	2102 2222	1002 4211	1000 0120	
Es	5533 5432	2112 1101	1011 2335	5423 3444	2122 2223	2011 3211	1101 2213	
Sl								
RS	6524 5431	1000 0102	0021 2235	6422 2554	2122 2324	2002 3311	1101 0123	
Ag	5545 4332	2200 2111	1121 2236	7723 3243	2311 2233	2101 3211	1101 1122	
Wi	6524 4432	2012 2102	0112 2346	6412 3454	2112 2323	1011 4311	1101 1023	
Ab	6534 4431	2011 2101	1111 2335	5423 3454	2112 2333	2111 3311	2101 1113	
Sr	4435 4532	1210 0001	1121 2334	4323 4343	2221 3323	1112 3221	2211 1111	
Ni								
KP	5334 4441	2123 3022	2122 2334	5423 3444	2223 2233	1233 5321	2211 1233	
Ya	4335 4532	1110 0101	1111 3335	4323 3342	1112 2222	1112 4121	1211 1111	
Ch	5525 4332	2200 0000	1121 1235	5613 3344	3311 2223	1001 3211	2100 1122	
Za	5344 5543	2011 1112	1222 3346	6323 3454	3223 2433	1123 5423	2123 2323	
VD	4333 5544	1222 2101	0112 3336	5322 3453	2112 2323	1122 5311	1232 2132	
Eb								
St								
Zy	4344 6531	2120 0111	2121 3336	5423 2434	2332 2323	1321 2121	1102 1211	
SF	5434 4542	2112 3111	1122 3245	4423 3454	2212 2223	1131 3222	1122 2113	
Tu	4535 3331	2000 0100	0111 1224	4513 3342	3211 2223	1001 3111	1101 1011	
Du	5344 3442	2111 2122	1221 2234	4322 2553	3122 2323	0112 3312	2121 1022	
Ke	5345 5433	2222 1111	0222 2334	5333 3554	3322 3323	2323 4321	2113 2122	
SJ	5424 3221	2000 0000	0012 1115	5411 2443	3201 1222	1001 2001	1000 1011	
Ka								
Ho	4434 3322	2000 0101	0001 1114	4313 3233	3101 0122	1001 2001	0100 0011	
ZS								
Al								
Hu	4323 5432	2000 1310	0102 3432	4202 5532	2212 4433	1003 4331	2112 3231	
Ap	5534 3432	3210 0022	2111 2224	4323 3233	2111 1122	2101 2132	1111 1132	
Pi	5624 1022	2000 3102	0200 3146	6331 0354	3201 2332	2011 1022	1210 0102	
CT	5435 4433	2232 3100	0222 3244	3343 3353	2343 3212	0221 3111	1233 2112	
Wa	4434 5532	3211 1111	1121 3334	5423 3452	4212 3324	2112 4212	2111 1121	
To	3444 4441	3111 1111	2211 3334	4433 3443	3211 3223	1122 4112	2121 1112	
Am	4535 5522	3010 0011	2111 2334	5424 3343	3212 2232	2121 3111	3221 1012	

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1945

Obs'y	1	2	3	4	5	6	7	8
Go	2223 2222	2122 3322	2222 2222	3322 4433	4322 3322	1122 2222	2222 1222	2122 3333
Iv								
Co	0001 0000	0000 0000	0000 0000	0000 2210	3225 4200	0000 0000	0000 0000	0000 1332
So								
Le	1001 1002	1001 1020	0001 1002	1000 2123	4301 1100	0000 1000	0000 0111	0000 1453
Do	1000 0001	1000 0030	0000 0002	2000 2123	4302 1100	0000 0000	0000 0011	0000 2454
Me	0010 0000	1000 0010	0110 0001	0000 2111	4324 3101	0011 0000	0010 0100	0000 0223
Si	1010 0100	0000 0010	0110 0000	0000 2212	3314 3200	0011 0010	0010 0011	0000 1331
Es	1011 1112	1001 1120	0001 0002	2000 3123	3212 1110	0001 1110	0001 2111	0001 2353
Sl								
RS	1000 0002	1011 1020	0012 1002	1001 2133	3212 1100	0011 0100	0010 0121	0002 2454
Ag	1111 1211	2000 1110	0121 2211	1000 3222	5313 3210	0011 2210	0110 1211	0001 2333
Wi	1000 1001	1001 1020	0011 1003	1011 2223	3313 3100	0001 0000	0001 0010	0002 2455
Ab	1021 2212	1111 1120	0011 1103	2011 3133	3312 2210	0022 1100	0011 1111	0011 2454
Sr	2211 0001	2110 0112	1311 1101	1111 3323	3313 3211	1221 1101	1200 0223	1221 2433
Ni								
KP	1010 1011	1111 1220	0012 1113	2000 2244	4122 1121	0131 1200	0120 0331	1112 2543
Ya								
Ch	1110 0101	1000 0110	0111 0001	1100 2213	4313 2100	0000 0010	0110 0112	0000 2223
Za	2212 1112	2122 1131	1122 2113	2122 3234	4323 2321	1111 0210	1111 1231	1000 1554
VD	1111 1110	0122 1121	1122 1112	1122 2122	4312 2111	1111 1111	1112 1321	1121 2563
Eb								
St								
Zy	1011 0111	0110 1111	0100 0001	0121 4334	3213 3211	0131 1211	0120 1321	0222 3454
SF	2123 3212	1033 3210	0223 3103	2032 3133	4313 2311	0011 3210	0022 1111	0023 3542
Tu	0110 0000	1000 0000	0110 0011	1100 3112	3213 2111	0000 0000	0000 0011	0100 2312
Du	1021 1010	1111 0120	2222 2212	1022 3234	3323 3211	0121 1000	1122 1121	1122 2453
Ke	2331 1111	2131 1221	2332 2212	3221 3234	3313 3211	2232 0110	2131 1221	2122 3554
SJ	1001 0000	0000 0100	0101 0200	1000 2203*	3101 1000	0001 1100	0001 0101	0000 2532
Ka								
Ho	1000 0000	0000 0000	1101 0001	0000 3112	2112 0001	1100 0000	0000 0112	0100 2212
ZS								
Al								
Hu	1011 2210	0001 2311	0101 2221	1100 4321	3201 3321	0111 2230	0001 2311	0101 4531
Ap	1211 1132	2211 0121	1222 1121	1111 3223	4112 1111	1111 1111	1100 0011	0101 2312
Pi	0001 1103	1100 1033	0101 2112	0101 4144	3301 3101	0212 3112	0101 3032	0113 3551
CT	1021 2001	0021 2200	0112 2201	1112 3233	3122 3111	0144 2210	0132 2211	0113 2542
Wa	1110 1111	1121 1111	1221 1111	1121 3223	3223 2212	1111 1111	1111 2222	1222 3443
To	2221 1111	2220 0111	2231 1111	2221 3223	3223 3222	2231 1121	2220 1201	1222 2433
Am	1110 1023	3200 1113	3221 1123	3211 3232	3213 2112	2120 0122	3201 0122	3221 2422

Obs'y	9	10	11	12	13	14	15	16
Go	3465 4433	5444 3342	4453 3324	5443 3363	2343 3334	4223 3333	3233 3332	2133 4336
Iv								
Co	3467 5543	3334 3101	1356 5431	2436 2232	1243 4320	1124 3220	0245 3342	1035 5333
So								
Le	5554 3444	3322 2002	2332 3231	4332 1142	1221 1233	2111 1222	1121 0222	2111 2334
Do	5455 3554	3421 2103	1331 3341	4232 1153	1221 1233	1011 2220	1101 0131	1102 3445
Me	3476 5443	4553 2111	3353 4321	3555 1122	2453 2221	1133 2211	1252 3222	1134 4233
Si	3367 6443	3443 2000	2354 4322	2535 1132	1442 3320	1133 2211	0143 3222	1114 4222
Es	4354 3443	4332 2102	2332 3240	3323 1242	1221 1223	1112 1131	2122 1322	2112 2335
Sl								
RS	4454 3554	4322 2112	3332 4340	4333 1252	2131 2233	2012 1231	1121 1332	2222 3444
Ag	4566 4334	4452 2111	3453 4221	4543 2132	3442 2223	2122 2122	1242 2221	2223 2234
Wi	4355 3553	3221 1103	2332 4451	3332 2253	2212 2323	1111 0331	2222 2332	2212 2445
Ab	4454 3543	4332 2113	2332 3341	4333 1353	1232 1233	2122 1231	2132 2332	2112 3335
Sr	2346 3442	3332 3111	2333 4331	2435 2342	2332 4322	2323 3221	2234 4231	2223 3233
Ni								
KP	4454 3444	3232 2213	4324 4341	3343 2343	2232 3321	1122 2331	1233 2332	2223 4434
Ya								
Ch	4455 4334	4442 1111	3453 3222	4543 1131	3442 1123	2221 1011	1242 2222	2123 2234
Za	3254 4654	4231 2212	2324 5441	3244 2443	1122 3424	1112 2332	2123 2442	2122 4444
VD	3344 4542	3322 2322	3323 4341	3333 2342	1232 3333	1121 2321	1122 2332	1222 4433
Eb								
St								
Zy	3366 4543	3332 2103	2234 5340	2334 1353	2332 3322	1023 2221	0123 2232	3143 4332
SF	4454 3444	3332 2123	3443 2232	4334 3242	2223 2334	3122 3332	2133 2542	2224 2335
Tu	4365 3333	4441 1001	3352 4221	3544 1141	2341 2021	2121 1011	0132 1221	1113 2123
Du	2344 3442	2223 2112	1233 3231	2223 2241	2223 2222	2223 1231	2323 2331	2333 3222
Ke	3255 5552	3223 3212	2333 4342	3424 2342	3222 3312	2233 1231	2133 2432	3223 4433
SJ	3445 2322	4331 1001	2342 3021	4432 0131	2331 0022	2111 0011	1031 2331	1111 1333
Ka								
Ho	2345 2222	2231 1001	0131 3121	1323 0021	1230 1122	0120 0010	0032 1212	1123 2013
ZS								
Al								
Hu	3345 4532	3310 3312	1222 3321	3312 3331	1211 3231	1011 2321	1121 3432	1112 4442
Ap	3354 3232	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----
Pi	4455 3322	4310 3112	1220 0022	3312 4042	2211 3302	0120 3221	0022 4501	2212 3303
CT	3232 4342	2322 2112	1222 2122	3313 2231	1232 2323	2122 3331	1122 3432	2143 3324
Wa	4455 5544	3322 2212	1234 4333	2334 2332	1321 3212	2223 1221	1122 2333	2233 3333
To	3354 4333	2232 2112	1233 4332	2334 1233	2332 3222	3223 1231	2123 2232	2333 3333
Am	3354 3332	3242 2023	2232 4322	3434 0132	2231 2222	3232 1222	3333 2231	1223 3013

*Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1945--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	4344 3321	1222 3222	1113 3221	1123 3111	2223 2222	3322 2212	1122 2222	1323 2211
Iv								
Co	0226 6000	0003 2000	0000 2000	0001 0000	0000 0000	1100 0000	0002 0110	0002 0000
So								
Le	3122 2000	0000 0000	0000 1000	0000 1001	0000 1102	2200 0000	0000 1210	0001 0001
Do	3112 3000	0000 0000	0000 0011	0000 0001	0000 0012	3200 0000	0000 0220	0000 0001
Me	3134 4110	0102 1000	0000 1110	1211 1110	0010 0111	1100 0000	0010 0110	0112 0000
Si	2124 5110	0102 1010	0000 1110	0211 1000	0010 1011	1110 0010	1111 1110	0113 1000
Es	3122 3000	0110 1110	1011 1110	0111 0001	1001 1112	2200 0000	0001 1220	0100 0001
Sl								
RS	3222 2000	0001 0010	0000 1000	0000 0001	1000 0012	3210 0000	0000 1220	0001 0001
Ag	4133 2110	0211 2210	0001 1210	0200 1211	0010 1222	3300 1211	0010 1220	0112 0110
Wi	3122 3000	0102 1010	1001 1110	0100 1001	0101 2112	2100 0001	0000 1220	0001 1001
Ab	3223 4111	1111 1110	0100 1110	0111 1011	0001 2023	3100 1111	0000 1321	0101 1111
Sr	3324 3100	1212 2110	1210 2010	2211 1001	2211 1112	2210 0001	1211 1210	2211 1000
Ni								
KP	3223 4ï10	1221 1110	1122 211ï	1222 1012	0011 2223	3221 0001	0001 1331	0011 1001
Ya								
Ch	3123 3110	0211 1010	1001 1111	0200 0100	0000 0022	3300 0011	0110 0010	0111 0000
Za	3224 4100	0011 1010	0001 1010	0001 0001	0011 0113	2200 0001	0011 1330	0011 1001
VD	3123 4110	1111 2111	1211 2111	1122 1111	1221 1212	2321 1111	1211 1321	1112 1111
Eb								
St								
Zy	1143 4100	1121 2110	2120 1120	2131 1001	3131 1122	2330 1011	3230 1220	0021 1111
SF	1234 3211	2223 ï21ï	ïïïï 2121	1111 1001	0113 1323	2200 1021	1210 1331	0022 1011
Tu	3123 2000	0201 0010	0000 0001	0200 0010	0010 0021	2200 0011	1111 0010	0002 0000
Du	2323 3121	1223 2121	2123 2111	2323 1210	2322 1122	1323 1111	2323 2221	1323 1121
Ke	3232 3211	2232 1111	2221 2121	2223 1112	1121 2323	3322 1212	2131 2221	1212 2111
SJ	3121 1110	0100 0010	0000 1110	0202 0000	0002 1121	2002 0001	1100 1010	0001 0000
Ka								
Ho	1113 1000	1101 1021	0000 0001	0100 0000	0000 0122	2100 0001	1101 0001	1002 0001
ZS								
Al								
Hu	3122 3220	1110 2221	1101 2330	0100 2121	0000 3332	2000 1222	1100 2210	0001 2210
Ap	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	ïïïï 1212	1311 1121
Pi	3320 4310	1100 3111	2111 3231	0201 3212	1001 3034	2100 3221	2201 3230	0213 0002
CT	1123 3110	1213 2211	1032 2121	0022 2201	0023 3222	2221 1201	1113 2110	0101 2110
Wa	2234 4112	1121 2121	2121 2222	1221 2111	1112 1222	3311 1112	1221 1221	1111 1111
To	2234 4121	3111 2012	2220 2212	3211 1011	2211 1132	3210 1112	2221 2121	2110 1001
Am	3324 4113	1212 2124	4210 2233	3311 1123	4311 1233	3221 1222	3211 1133	3212 1123

Obs'y	25	26	27	28	29	30
Go	3212 2222	1112 2211	1222 2211	1222 1223	2133 2232	1122 2221
Iv						
Co	0001 2110	0000 1000	0000 0000	0000 0000	1144 4321	0002 0000
So						
Le	0000 0122	0000 0001	0000 0001	0010 0012	2221 2042	1000 1010
Do	0000 0013	0000 0001	0000 0001	0000 0013	2211 1152	1000 0000
Me	0001 1120	0000 0000	0110 0000	0100 0001	1155 2122	0002 0001
Si	0012 2121	0000 1100	0010 0010	0000 0010	1243 3232	1001 0000
Es	1001 1121	0010 0100	1010 0011	0120 0122	2122 2142	1101 1001
Sl						
RS	0000 2232	0000 0001	1110 0001	0010 0012	1222 3152	2100 0011
Ag	0001 1121	0010 1111	0210 1122	1110 0112	1233 2122	2201 1101
Wi	1001 1232	0001 1101	0111 1012	0011 1122	1122 2153	1100 1011
Ab	1000 2132	0111 1101	1110 1012	0111 1122	2231 3243	1101 1111
Sr	1210 2222	1210 1011	1210 001ï	1211 0111	2332 3232	2221 0011
Ni						
KP	0000 2232	0111 1ö1ï2	1211 1122	1111 01ï2	2222 3243	3100 1011
Ya						
Ch	0001 1122	0000 0100	0210 0012	0110 0122	2223 1122	2201 0001
Za	0010 1131	1110 0001	0110 0011	0011 1121	0221 2243	2010 0001
VD	1221 2322	1221 1122	1212 1111	1221 1122	2231 3243	2222 1111
Eb						
St						
Zy	3131 1233	2221 1111	1021 0132	1221 1121	2342 3130	0020 0000
SF	1020 2232	1021 1211	1110 1023	1222 2223	2331 2223	1101 0000
Tu	0001 0121	0000 0000	0100 0012	0111 0012	2233 1122	1101 0001
Du	2323 1121	2323 2112	2323 1233	2322 1222	3333 2352	2323 3222
Ke	2223 3333	2312 2212	3222 2232	1323 1313	3233 2342	2221 1211
SJ	1000 0121	1000 0000	0102 0022	0221 1022	2212 1222	1100 0001
Ka						
Ho	1000 0121	1000 1001	0100 0013	0110 0122	2222 2011	1000 0001
ZS						
Al						
Hu	0001 2332	1001 3310	0102 2232	0111 2232	2312 3332	1101 2200
Ap	2211 1121	2211 1132	2211 1112	1111 1123	2322 2111	2210 0022
Pi	1001 1212	1100 3103	2121 3222	0210 3213	2423 3232	1102 3022
CT	0022 1121	0101 1001	0122 1112	0111 1211	2332 2222	1222 3200
Wa	1111 2221	1111 1112	1211 1122	2132 1222	3332 3132	1211 1001
To	4311 2222	1110 1111	3200 1112	2221 0113	3342 3132	3211 0012
Am	4311 1232	3210 1123	2201 0123	2121 1133	2333 2333	2101 1123

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1945

Obs'y	1	2	3	4	5	6	7	8
Go	2222 2221	1212 2213	2122 2211	2121 2121	1233 2223	3123 3232	5333 3214	4443 3332
Iv								
Co	0000 0000	0000 0000	0000 0000	0000 0000	0000 0011	1025 5511	2152 0012	2335 5311
So								
Le	0100 1000	0001 1003	1000 1001	0000 0000	0001 0033	2111 3233	2110 0003	3321 3112
Do	0000 0100	0100 0003	0000 0002	0000 0000	0000 0033	3211 2211	3211 0003	3322 2331
Me	0000 0000	0110 0001	1000 0000	0000 0000	0011 0011	2032 4221	2152 0012	2424 3211
Si	0000 0100	0110 1001	1000 0000	0000 0000	0121 1121	1133 4321	2142 0012	2424 4211
Es	0101 0001	0111 1103	1011 1001	1010 0000	0011 0133	2111 3233	2211 0013	3322 3222
Sl								
RS	0100 0000	0100 1003	1000 1011	1000 0000	0000 0143	2211 3244	2121 0013	4322 4222
Ag	1200 0110	0210 1012	1001 0110	0000 1100	0111 1222	2232 3222	2232 1123	3332 3221
Wi	1101 0111	0100 1113	1000 1111	1000 0000	0001 1233	2101 3244	3111 1114	4333 4222
Ab	0110 1111	1110 2113	1011 2011	1001 0000	0101 0233	2112 3343	3212 0023	3333 3222
Sr								
Ni								
KP	0101 1111	1121 1113	2121 1122	2110 1110	1212 1243	3212 3344	3232 1114	3332 4232
Ya	2211 2100	1110 2102	1110 2120	1110 1100	1211 1232	2223 4322	2222 1122	2323 4231
Ch	1200 1110	0210 0103	1000 0000	1000 0000	0120 0133	2232 3233	2232 1013	2322 3211
Za	0101 1110	1111 1212	1011 1111	0000 1110	0010 1233	2212 4434	2212 1112	3333 5322
VD	0111 1111	0111 1112	2111 1111	0211 1111	1011 1233	2221 5344	3222 1112	3232 4322
Eb								
St								
Zy	2130 0000	0110 0202	0010 1110	2120 0000	2221 1233	1233 5233	3121 1113	2322 4211
SF	0020 0000	0122 1303	1132 2110	0111 1100	0223 1243	3212 4332	3122 2224	3333 4332
Tu	0000 0100	1210 0102	1010 0000	0000 0001	1020 0022	2222 3233	2231 0012	3432 2112
Du	2323 1222	2312 2213	2212 2212	2212 1121	3222 1334	3333 4353	3324 2233	3434 3332
Ke	1101 1110	0312 2212	2111 2011	2112 1100	1112 1232	2333 5243	3123 2233	3324 3322
SJ	0100 0000	0101 1102	1000 0000	0000 0000	0000 0142	2221 2023	3121 0024	3321 2100
Ka								
Ho	0000 0010	0000 0101	1000 0000	0000 0000	1000 0022	2212 1122	1131 0111	3322 2101
ZS								
Al								
Hu	1001 2310	0100 2322	1000 2310	0001 1210	1111 2342	2211 4443	2222 2223	2212 3332
Ap	2111 1111	1111 1133	2110 0011	2110 0010	1201 1224	2212 2124	3332 1123	3422 2122
Pi	0112 2102	0111 1224	3001 2101	1000 0021	1301 2253	3320 3322	3333 2015	3212 0221
CT	0002 1111	0213 2111	1123 2100	1102 2000	0201 1332	2232 3232	2322 2223	2233 3222
Wa	1111 1111	1111 2212	1111 1111	1101 1111	1121 1333	2332 4233	2121 1122	4433 4222
To	3220 0212	2311 2113	3110 1013	3211 0111	3221 1232	3223 3233	4332 1123	3443 4313
Am	2211 0223	3210 1134	3211 1123	3300 1123	3321 0233	2322 3332	4331 0123	4433 3213

Obs'y	9	10	11	12	13	14	15	16
Go	5233 3323	4333 3221	2223 2211	1123 3211	1112 3433	4645 3421	1243 3222	2212 1332
Iv								
Co	1034 4400	1015 2100	0011 3000	0002 4000	0000 5344	4669 7521	0033 4212	1000 0021
So								
Le	3212 2322	1201 1100	2001 1011	0000 1020	0000 3356	7765 7411	0222 2224	2001 0002
Do	0122 4122	4220 0001	2100 0100	1000 0000	0000 2030	---- ----	---- ----	---- ----
Me	1243 3211	1212 2100	0032 1100	0001 2100	0010 3235	6667 7421	0132 2223	1000 0121
Si	1143 3311	1213 2100	0021 2000	0002 3000	0010 3344	5779 8521	0131 3212	1000 0021
Es	4122 1323	1211 1110	1001 0000	0000 2021	1010 3355	5664 6411	1222 2224	1111 1022
Sl								
RS	4122 2432	1211 1100	1100 1011	0000 1021	1000 3355	5654 6511	0221 2224	1000 0022
Ag	3233 2221	1312 1020	1122 1110	0000 2011	0001 3336	7667 6311	0232 2113	3201 1122
Wi	3112 2433	0211 1100	1001 1010	0000 1021	1001 3455	6565 6511	1121 2224	2110 0021
Ab	4122 2323	1222 1101	1011 1110	0101 2121	0111 4454	5665 5411	1232 3224	1111 1032
Sr								
Ni								
KP	3122 3533	2222 2211	2111 2010	1111 2132	1111 3455	5655 6421	0122 3324	2111 0023
Ya	2133 4411	1122 2210	1122 3210	1111 2111	1111 4445	4357 6521	1121 3322	2211 0131
Ch	3233 2211	1312 1001	0121 1000	0000 1111	0000 3335	7457 5321	1231 2213	3100 0133
Za	3223 3522	2112 1210	1112 1111	0110 2131	0000 4445	6645 7521	0021 2314	1100 0022
VD	2232 3522	1122 1210	1121 2211	1222 2122	1211 3445	6534 7421	1111 2323	2110 0121
Eb								
St								
Zy	2142 4421	2123 1220	2132 1110	0001 2121	0001 4555	5457 7521	1222 2232	0000 0032
SF	4233 1423	2222 3111	1012 3110	0022 2111	1012 4555	5555 5411	1231 3123	1113 1143
Tu	2243 2211	2222 1100	1131 1000	0000 3111	0001 3344	5557 4422	1231 2113	2000 0042
Du	3333 2332	2323 2222	2223 2220	2333 2232	3303 4545	6545 7622	2323 3333	3322 0042
Ke	3333 3422	1322 3311	2132 2220	1230 1221	1212 4554	4455 6622	2313 2313	2212 0032
SJ	2122 1100	0212 1000	0011 0100	0000 1101	0000 3456	5445 5310	0121 0103	2000 0032
Ka								
Ho	2131 2102	0012 2002	0020 1000	0000 2011	0000 3244	3536 4312	1020 2112	1000 0032
ZS								
Al								
Hu	2112 3421	1211 3311	1012 2210	0001 2222	0002 5542	4335 6521	0121 3333	1000 0242
Ap	2121 2222	1122 2122	3211 1112	2111 3112	2112 3335	4536 4222	1211 2222	2210 1022
Pi	3202 1122	1213 0220	1112 2030	0103 2312	0103 4566	5445 3432	1222 3134	2100 1023
CT	2142 2212	0122 1101	1012 2100	0212 2111	0022 4544	4555 5532	0121 3211	1033 1142
Wa	2332 3312	2333 2212	1222 1101	1121 2122	1112 4355	4556 7532	2223 3313	1121 2143
To	3331 3312	2222 1122	2221 1122	3211 3113	3321 4354	3456 5423	3121 3212	3211 0143
Am	3331 3213	4322 2112	2232 2012	3211 2123	3211 4243	3457 5332	3220 3124	3310 0133

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1945--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	5333 4321	1223 3222	1133 3347	4344 4433	3533 3222	3111 2211	4211 2543	3323 4421
Iv								
Co	2235 5512	2010 3120	0021 1223	3243 3344	5546 4020	0000 0000	0000 0443	3225 5610
So								
Le	4312 2222	2002 2122	1012 1236	3332 2354	5523 2002	1000 0000	2001 0355	2222 2311
Do	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----
Me	3355 3310	1020 1110	0022 0133	3253 2334	5554 2120	0000 0001	1000 1323	3115 5420
Si	2345 4421	1010 2121	0032 1234	3253 2333	4644 3120	0010 0000	0000 0333	3125 4420
Es	4312 2212	2011 2122	1012 1236	4342 2344	3422 1112	1011 0001	1011 1354	3223 3311
Sl								
RS	4322 3322	1002 1111	1001 1246	4342 2354	4422 2001	1010 0000	1000 0354	3233 3410
Ag	4333 3321	1111 2111	0022 1225	5352 3333	6733 2221	1000 0121	1000 0334	2124 3411
Wi	3211 4422	1010 1221	1101 1245	4341 1454	5422 1012	2101 1001	2110 1344	3222 3311
Ab	4312 4312	2011 2222	1011 1346	4343 1354	3433 2212	1101 1111	1011 1354	3233 3411
Sr								
Ni								
KP	4322 3323	2121 3221	2111 1335	4433 3443	4432 3112	1210 1111	2121 1344	2223 4221
Ya	3323 4411	1011 3212	1122 1344	4433 3443	4433 4111	1110 1111	1111 2445	3234 5411
Ch	4333 2212	1111 1111	1122 1136	5342 2233	6633 1110	0000 0000	1100 1444	3134 4421
Za	4223 4312	2100 2212	0001 0246	5242 2454	5412 1001	1010 0001	1011 1444	3234 4320
VD	4233 4412	2110 2221	2011 1346	5432 3443	4422 2110	1011 0011	1110 2444	4234 4410
Eb								
St								
Zy	3233 4301	2021 3110	3130 1334	4343 3345	3333 2000	2120 0000	1110 1435	3235 5321
SF	4323 4422	1121 2332	2112 2457	6343 3344	4532 1122	1001 1102	1030 1355	3334 3421
Tu	5244 3332	2111 1012	1121 1146	4453 2334	6633 2221	0010 0111	1100 1334	3134 4411
Du	4344 4422	2323 3231	2434 2356	4444 4354	3433 3222	3311 1222	3321 2545	4445 3532
Ke	3333 4421	2322 2221	2332 1345	3433 4253	3543 3211	2110 1112	2221 2344	3335 3421
SJ	3312 2101	0000 1000	1011 0146	4332 1232	4422 0010	1000 0001	1100 1344	3123 3410
Ka								
Ho	5233 3212	1000 2112	1000 0145	4332 2232	3323 2011	1100 0002	0100 1334	3123 2311
ZS								
Al								
Hu	3312 2321	1001 3221	1100 3364	3332 3432	3312 3331	0100 1221	0101 3544	3124 4631
Ap	5323 2212	1121 1122	3322 1145	4332 2221	3324 2222	2310 0013	2211 1244	3233 3312
Pi	5423 1112	3111 4302	2200 2146	5433 2333	5322 2110	0100 1121	2103 1454	3234 1402
CT	4334 3311	0233 1201	0222 0245	4324 2323	3423 3220	0223 2201	1122 2344	3135 3410
Wa	5423 3311	1122 2111	1322 1245	4443 3344	4433 3221	1121 1112	1211 2444	4334 4421
To	4333 3323	3121 2112	3232 0245	3443 3234	3443 3122	2321 0112	1221 1344	4344 4421
Am	3434 3332	3211 2123	4332 1235	4443 2334	4443 2203	3210 0113	2210 1335	3344 3423

Obs'y	25	26	27	28	29	30	31
Go	1123 4444	6544 4433	5434 3443	5335 4436	3534 3322	4234 3221	3244 3222
Iv							
Co	0005 5664	3546 6442	2346 7353	3335 6622	2335 3310	1115 3000	1024 4220
So							
Le	0022 3554	4322 3332	3322 3353	4332 3334	2322 2233	2211 1120	2111 1101
Do	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----
Me	0015 5443	3655 5332	2345 6243	2454 5522	1344 2211	1234 2011	1143 2321
Si	0015 4552	3555 5332	2444 5342	2443 5522	2343 3211	1133 2010	1142 3221
Es	0033 4544	4333 3333	3322 4453	3223 4424	1312 2323	2212 2110	2122 2012
Sl							
RS	0023 4654	5333 3332	3323 4463	4332 5434	1332 2333	3112 1020	2110 2001
Ag	0123 3443	5544 4232	3432 5343	3433 4423	1533 3222	3322 1111	2331 2112
Wi	1022 3643	4323 3433	3313 4463	3322 4435	1211 1334	2211 1120	1111 2011
Ab	1033 4554	4333 4343	3333 5454	4333 4535	1313 2333	2211 2121	2221 3113
Sr							
Ni							
KP	1132 4553	4334 4343	3322 4453	3333 5534	2333 3434	2122 2221	2222 3111
Ya	1132 4554	3334 4432	3343 5342	3333 5534	2333 3321	1213 3210	2122 4211
Ch	0033 4443	4544 3232	3423 4353	3433 4424	1432 2222	3322 1011	2332 2213
Za	0044 5654	4334 4454	2344 6554	4444 5535	2323 3424	2122 3221	2122 3111
VD	0133 4654	3335 4444	3334 5554	3333 5535	2323 3433	2112 3221	2222 3112
Eb							
St							
Zy	0034 5532	3435 4422	2234 6453	3333 5424	1323 2312	2113 3110	2122 4212
SF	1144 5664	5333 4343	3335 5454	4333 4435	1323 3323	3221 1121	2121 3113
Tu	1133 4543	4554 4222	2432 3352	3433 5524	2433 2222	2322 1010	2231 2113
Du	2245 5554	4334 5443	3334 5554	4334 5534	3334 3333	2333 2132	2233 3233
Ke	2144 4543	4334 4433	2223 5452	2233 4433	2322 3333	2332 1122	0232 3223
SJ	0033 4543	3333 2011	2322 2342	2312 3323	1322 2223	2211 0000	2221 2112
Ka							
Ho	1032 4223	2423 3221	1232 2232	2232 3312	1322 1110	1112 0011	2121 2113
ZS							
Al							
Hu	1134 5553	2223 4432	2323 3542	3312 4432	1212 3332	2101 2331	2111 3323
Ap	2243 4222	4323 3222	2222 2222	3232 3322	2322 1111	1111 1122	2221 3113
Pi	2243 4524	3323 3331	2333 4333	2312 0503	3301 0243	2202 1212	3221 3203
CT	1244 4552	3223 4332	1313 4323	2032 4424	1221 1221	1022 1011	2021 2112
Wa	2144 5444	4435 5333	2334 5343	3333 5523	2423 2323	2223 2122	2222 3223
To	2244 5343	3334 4333	3334 4333	3332 4423	2333 2221	1223 2113	3232 3123
Am	1133 4343	4434 3222	3333 4333	3433 3423	2323 2222	2223 2012	3232 3112

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1946

Obs'y	1	2	3	4	5	6	7	8
Go	4434 3332	4323 3321	1256 6544	4543 3335	3433 5323	5243 3432	1233 3341	2334 2221
Iv								
Co	0046 4440	2114 5330	0047 6864	4565 4554	3234 4211	1112 3421	0103 4321	1111 1110
So								
Le	1122 2232	3111 1320	0124 5888	6644 3555	2321 1123	3112 1343	0000 1242	1111 0020
Do								
Me								
Si	0144 2321	2123 3321	0049 7865	5666 4543	2233 3211	2132 2331	0003 2121	1221 1121
Es	1122 2333	3101 1330	0135 5765	5543 3554	2221 2123	3121 1342	0111 1242	1112 1021
Sl								
RS	1122 2342	3210 2430	0136 6676	5543 3565	3211 1133	3112 1442	0101 2342	1111 0130
Ag	2333 2232	4122 1220	0238 7655	7565 3445	4442 3222	4132 2322	0201 2132	1221 1220
Wi	1111 2342	3101 2430	0135 7666	5543 3554	2111 1123	3111 1442	0110 1252	1101 1131
Ab	2232 3333	4111 2331	0146 6665	5543 3555	3222 2124	3131 1443	0111 2342	1212 1121
Sr	1124 4341	3113 2431	0037 7876	5455 4643	2223 4122	2111 2332	1112 3331	2110 1211
Ni								
KP	1233 3442	3122 2530	1146 5776	5444 3655	3222 3233	3122 2541	1122 2442	2121 1231
Ya	1123 4341	3112 2430	0137 6865	3334 3543	2222 4121	2111 2431	1112 3341	1210 1221
Ch	2233 2232	3212 1210	0147 7645	6554 2445	4431 3213	4232 1322	0200 2132	1211 1120
Za	1122 3442	4222 2431	0046 6677	6543 3665	3222 2124	3122 2543	0014 2442	2110 0121
VD	2123 3334	1122 3430	0146 5867	5443 3654	3221 3133	3112 2542	0123 2341	1121 1231
Eb								
St								
Zy	1134 4331	2112 2420	1047 6866	5464 3533	2222 2121	3021 2522	0023 2332	1120 1121
SF	2233 3342	4113 2330	0157 7766	5154 3455	3132 2224	3132 3442	1123 2243	2122 2111
Tu	2223 2232	3112 1212	1146 6554	5554 3434	3332 2112	3122 2233	1101 2132	1221 1021
Du	2243 4442	3323 2431	1358 7766	4463 3664	3422 3233	2222 2452	1323 3342	2222 2232
Ke	2344 3331	3323 3431	2358 7756	4464 3653	3432 3132	3132 3441	2314 3341	2131 1231
SJ	1123 1232	2011 0320	0146 6655	5343 0344	2220 1202	3022 1220	0101 0020	1211 0110
Ka								
Ho	1023 1122	2002 0110	0044 4643	3343 2322	2212 1121	2110 1122	0001 1011	1100 0011
ZS								
Al	2122 2321	2221 2420	0058 7755	3352 1542	2112 2131	2022 1330	0102 1241	1110 0121
Hu	2112 3443	2000 3431	0045 8854	4442 2542	2122 2331	2112 2432	1101 2421	1102 2121
Ap	2212 1221	1112 2212	2255 3643	4355 2323	2121 2112	2111 1232	2101 1121	2211 0002
Pi	2202 2202	3102 3233	0156 6743	5453 3234	3323 1433	3121 1332	0201 2012	2202 2021
CT	1223 3332	3232 1331	0056 6753	4342 3444	2122 2310	1121 3320	0002 2130	1001 1000
Wa	2223 3331	1322 2321	1157 6865	5565 3542	2222 2222	2232 2431	1223 2332	1232 1221
To	2233 3322	3112 2321	1156 6655	3466 3633	2222 2221	2222 2323	1223 2222	2221 1212
Am	2223 2233	3212 2212	2156 5653	3454 3434	3332 2221	3222 2321	1212 2122	2310 1111

	9	10	11	12	13	14	15	16
Go	2133 3211	1323 3311	3664 3223	3333 3222	1311 2211	1322 2221	1122 2222	3331 2322
Iv								
Co	0012 1100	0101 0210	0456 5322	2124 3222	0002 2010	0003 0100	0021 0001	2211 2100
So								
Le	0001 1111	0101 2211	2442 2144	2212 1132	0101 1032	0100 1010	0001 1123	3211 2013
Do								
Me								
Si	0012 1100	0011 1210	1546 3222	1224 3121	0002 2010	0122 0100	0021 0100	1121 3211
Es	0011 1111	0112 2211	2443 2144	2122 1132	0101 1122	0211 1001	1111 1122	3221 2012
Sl								
RS	0001 1121	0112 1211	2443 2244	2222 1132	0101 0031	0100 0100	0000 0123	3221 2103
Ag	1111 1201	0211 1211	2555 2122	2214 2122	0200 2121	0221 2120	0111 2313	4311 1220
Wi	1101 2111	0122 1321	2542 3355	1112 1231	0101 1031	0101 1111	0000 1113	3321 2213
Ab	0011 2121	0112 2221	3443 3244	2213 2233	1100 2132	0211 2111	1011 1233	3321 3213
Sr	2100 2211	0122 1221	2446 4423	2113 2331	0001 1020	0101 1111	1011 1112	1311 2212
Ni								
KP	1121 2121	0222 2321	3453 3343	2223 2242	1122 2132	1121 1121	1121 2133	4332 2223
Ya	1111 1211	1222 1321	2345 3434	1113 2231	0001 2132	1110 0210	0110 2121	1211 2121
Ch	1011 2200	0212 2222	2544 2113	2214 2121	0200 1120	0211 0001	1010 1112	4310 1111
Za	0010 1111	1102 1221	1443 3334	2122 2241	1111 1121	0011 0110	0011 1123	4221 2112
VD	1010 1131	0122 1331	1333 3333	1113 2131	1111 2131	0101 0111	1121 1123	2221 2122
Eb								
St								
Zy	2021 2220	2233 2220	2442 2322	1123 2332	0101 2120	0100 1210	0100 0012	1333 2110
SF	0012 3120	0224 3323	2444 3222	3123 2232	0102 2122	0200 1011	1101 2333	3321 3111
Tu	1112 1111	0222 2211	3554 3113	2223 1112	0100 0111	0211 0001	1121 0112	3321 2102
Du	2222 3222	2334 3332	3445 3354	3324 2233	2133 2232	2223 1121	2223 2324	2343 2233
Ke	2132 3221	2333 3432	3444 2344	2223 2122	1222 3131	2122 1121	2112 2223	1342 2132
SJ	0000 2100	0112 2210	1543 1123	2112 0021	0100 0320	0200 0000	1010 1213	3310 0311
Ka								
Ho	0000 2000	0022 2222	2334 2132	2213 0101	0000 0011	1001 0001	1120 0112	1310 1000
ZS								
Al	0022 3120	0123 2220	3433 2233	2122 2121	0000 1121	0100 1100	1111 0223	2331 1122
Hu	1111 3310	0123 3432	2433 3333	2112 2231	0000 2320	0101 2221	1011 1322	2322 3321
Ap	1221 2122	3123 2222	3434 2133	3212 2222	1101 1035	4311 1113	2121 1213	2222 1112
Pi	0103 4342	2323 1232	1543 2324	2202 1133	0103 3031	0203 0200	1223 3334	4422 2321
CT	0022 2110	0223 4311	1333 2011	1201 2121	0002 2310	0021 1100	1210 2233	3313 3200
Wa	1112 2221	1223 3332	2454 3333	2222 2332	2112 2121	2111 1222	1122 1213	2322 3222
To	3222 2113	2333 3322	3444 3323	1333 1223	1121 0113	1211 0102	2321 1222	1430 3211
Am	2210 1011	2323 2221	2435 2113	3323 2121	3221 0022	3211 0103	3211 0103	3431 2031

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JANUARY 1946--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	2322 2332	2223 3433	4322 3322	3321 2211	1112 3332	3352 3323	2432 3337	4553 5435
Iv								
Co	0253 0232	0005 4522	4311 1011	1110 0000	0000 0001	1463 5000	1126 4223	3346 8643
So								
Le	1222 1333	0011 3333	4311 1133	2200 0000	0000 0013	4321 1003	2311 2125	4432 4444
Do								
Me								
Si	1353 0132	0134 2322	3222 1011	1210 0000	0000 0011	1553 4001	2144 3134	2255 7432
Es	1232 1233	1012 2343	4321 1123	2201 1000	0001 1113	4232 2103	2212 2125	3333 4443
Sl								
RS	2122 1433	1112 3444	4311 0033	2200 0000	0000 1113	4332 1003	2312 3125	3333 5553
Ag	1343 2222	1122 3233	4221 2212	2210 1010	0000 2222	2332 2221	3242 3214	4444 4334
Wi	2121 0434	0012 3344	3312 2223	3201 1100	0000 1113	4332 3103	1213 3126	3333 5454
Ab	1232 1333	1112 3354	4322 1133	2201 2100	0000 1123	4331 2113	3322 2235	3333 5544
Sr	1132 0332	1123 4333	2312 2222	1100 0000	0000 1112	2232 4111	1223 2324	3345 6553
Ni								
KP	2242 2443	1132 4454	4312 2233	3222 1100	122ï 2134	3332 1022	3332 3235	4333 6554
Ya	1232 0443	0133 4344	3211 1211	0110 0000	1210 1123	3232 3112	1233 3225	3335 6543
Ch	2332 1223	0222 2232	4211 1022	2210 0000	0000 0112	2331 2112	3232 2134	4444 4334
Za	0132 0443	1011 4434	3222 1132	2110 0000	0010 1224	4221 2112	2211 2133	2224 4442
VD	1132 0443	0212 4353	4312 1232	2011 1100	0111 1133	3232 2122	2223 3235	3223 6644
Eb								
St								
Zy	1242 1342	0012 4332	3013 1121	1120 0010	0000 1122	3232 3211	2243 3226	3344 6653
SF	1233 1323	2143 3354	4233 2113	1112 2200	0011 3234	3343 3112	2334 1125	3434 6544
Tu	2332 1123	1222 2212	3322 1012	2210 0001	0001 0002	3443 3102	3332 2125	4354 5333
Du	2343 1444	3133 4343	4323 3233	2322 2220	2221 2224	4334 3213	2344 3235	3334 5544
Ke	1242 1443	2323 4333	3333 2232	1221 2000	2211 2222	3333 3122	2234 4224	2333 5543
SJ	1221 1233	0112 2332	3212 0111	1100 0000	0000 2111	1221 1102	2131 1114	2233 3333
Ka								
Ho	1131 0144	0002 1212	2212 1011	1100 0000	1000 0012	2441 3112	2121 1024	2233 4223
ZS								
Al	1221 1443	0001 3332	2223 1132	0200 0000	0001 1112	2222 2102	1121 2224	2233 5543
Hu	2221 2453	0011 4431	2212 3232	0200 1122	0000 1322	2211 3212	2122 3344	2233 5543
Ap	1231 0023	3211 1122	1222 1122	3211 1ïï0	0ïïï1 ï1ï2	4542 3133	2232 2233	3323 4122
Pi	1332 4424	1113 2332	3322 2131	1312 2012	0002 3334	2333 1443	2232 2325	2343 3453
CT	0045 3123	0122 1243	3212 2011	0232 2000	0021 2112	2112 2111	1142 3224	3223 4434
Wa	2443 1343	1222 3433	3333 2132	1212 1111	1111 2122	4242 3212	3333 3223	3343 5533
To	3243 1243	2222 3324	3233 2123	3311 0112	21ïï ï1ï2	435ï ï112	3432 2224	4444 5433
Am	2242 0123	3222 3333	3422 2123	2210 0012	2210 1122	2342 3112	3333 2134	4344 4443

Obs'y	25	26	27	28	29	30	31
Go	4233 4431	4543 4431	4432 3321	1212 3322	2333 3322	3133 3322	3233 4232
Iv							
Co	3114 5511	1355 5531	1111 2010	0001 1100	1115 5310	1103 3301	1013 3310
So							
Le	3211 3431	2232 1431	2210 0012	1001 0013	0111 2121	1101 1113	1010 1213
Do							
Me							
Si	2022 3421	2455 3332	1211 1011	1012 2110	0213 3310	1112 1020	0122 2211
Es	3211 3331	2232 1441	2211 1112	1001 0012	1221 3121	1112 1113	1011 2213
Sl							
RS	3111 5441	2332 2541	2221 0022	1001 1033	1122 2131	1201 1122	1120 2313
Ag	3321 3231	3444 3431	2211 1111	0012 2212	1322 2211	1111 2131	1121 2212
Wi	2111 3441	1222 1541	1311 1111	1001 2113	0122 3021	1112 3113	1011 2323
Ab	3221 3331	2333 2441	2321 1122	1002 1123	1222 3222	1112 2213	1021 3313
Sr	2111 4341	2254 3542	2210 2111	1112 3112	1213 3212	3211 3112	2022 1322
Ni							
KP	3233 5441	2313 2632	222ï 2122	1133 1133	2232 3231	2323 2ï23	2111 2322
Ya	2112 4442	2244 3431	2211 2110	1211 2112	1212 3210	1112 3111	1222 1321
Ch	3321 3222	3443 3331	2211 1111	0012 1011	1312 2111	2111 2131	1221 2212
Za	1111 4421	1221 1441	1121 1121	0122 2122	1122 2221	1112 1121	2111 1322
VD	2111 5441	1333 3541	1221 1121	1111 1122	1112 3222	1212 1122	2121 1313
Eb							
St							
Zy	2121 3541	2343 3531	2211 1111	0012 1111	1222 4221	2122 2111	1221 1312
SF	2122 3341	2343 2542	2231 1112	1022 2233	1323 2201	3123 1013	2031 3313
Tu	2221 3213	4453 3422	3321 1111	0012 1113	2322 2222	2122 1242	2122 2212
Du	2333 5442	2343 2542	3222 2222	2222 1313	3344 3332	3334 2223	1323 3423
Ke	2122 5543	2332 2541	1222 2111	2123 1123	2333 3221	3232 2121	2223 2313
SJ	2110 1221	1223 1430	1111 0000	0001 0002	1211 2210	2121 0031	1010 1111
Ka							
Ho	1000 2212	1232 1220	0110 1011	1012 1012	1311 2111	2122 1022	2112 2212
ZS							
Al	1111 4431	1222 2420	1111 1121	0121 1023	2222 3210	2222 1112	1110 2312
Hu	1111 3442	2221 2531	1111 3321	0011 2221	2311 4332	2122 3331	1111 4422
Ap	2111 2112	3233 1211	2210 1011	1111 0111	3312 2102	2322 2131	3221 1101
Pi	2201 3232	3322 1410	2210 1332	0102 2232	2312 2111	3333 3231	1122 3412
CT	2003 3331	0313 2431	0023 3010	0132 3121	2223 3100	2323 2111	2121 2312
Wa	2322 4332	2333 3432	2222 1211	1122 1112	2333 3211	2333 3112	1222 2322
To	2223 232ï	2344 3412	2121 2113	2122 1003	2332 3123	2232 3122	2131 2322
Am	3211 2232	3343 3331	2221 1012	2112 1113	3432 3223	2322 2143	2232 2222

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TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1946

Obs'y	1	2	3	4	5	6	7	8
Go	2222 3432	5444 4433	2233 6553	4334 5343	3423 5544	5333 5334	5369 9757	8645 4544
Iv								
Co	1002 1110	2332 4101	1003 4332	2124 4411	3323 4423	2011 6121	2229 8768	7578 9743
So								
Le	0000 1200	2221 1022	1000 3224	2111 2322	3321 2333	4011 2123	3137 7789	9866 5553
Do								
Me								
Si	0101 1101	2232 3110	1011 3233	2113 4322	3422 2322	2000 4232	3249 9968	8888 6733
Es	0001 1211	2223 2111	1001 3333	2212 3312	3311 2333	5022 3123	3137 6788	9857 5553
Sl								
RS	0101 2111	2233 1122	1011 3333	2222 4303	3322 2333	4022 3023	3138 7778	9767 6643
Ag	0001 1122	3432 2111	0101 4323	2112 3313	3331 2323	3111 3342	3239 8878	9886 5533
Wi	0011 1110	2212 2122	1002 3323	2111 3323	3411 2333	4112 4023	4137 6667	8655 5542
Ab	0101 1211	3233 3122	1011 4333	2323 4313	3321 3333	5122 3133	4148 7867	7667 5653
Sr	0101 2101	2221 3111	0201 3322	2113 4313	2212 2322	2114 5123	3236 8877	6556 7542
Ni								
KP	1121 2211	2221 2123	1021 4333	2233 4324	3322 2333	3113 4023	3247 7777	7655 6543
Ya	1211 2111	2222 3222	1212 3332	1224 4314	2222 3323	2122 4122	3236 7777	7667 5533
Ch	1001 1111	3321 1111	0100 4222	1112 3223	2220 2323	3012 3232	2239 8857	8766 5532
Za	0111 1111	2233 2222	1111 4434	2223 4314	3222 3323	3222 3023	2237 6678	8555 6532
VD	1011 1111	2222 2222	1112 3333	2113 4323	3211 2323	3121 3132	2137 6768	8666 6532
Eb								
St								
Zy	1211 2210	2233 2222	1211 5333	2234 4323	3231 3424	2012 4132	3237 7868	7767 6533
SF	2122 1311	3333 2322	1023 5344	3323 3323	3331 3334	4121 3133	3147 7678	6657 4643
Tu	1111 1222	3331 1223	1111 4342	2122 3223	2321 2433	2122 4444	3248 7866	7677 5643
Du	2324 2222	3335 2223	3323 4343	2435 3423	3312 3434	3323 4233	3247 8867	8667 6642
Ke	2223 2211	3234 2222	3223 5244	3335 4423	2321 3333	1322 4132	2336 6767	7656 6532
SJ	0101 2211	2221 0000	0000 3222	2110 2222	1000 2223	0001 3111	1037 6547	7555 4331
Ka								
Ho	0101 1100	2220 1011	0001 4221	1113 1113	0310 1223	1111 3133	1137 5647	7666 4422
ZS								
Al	1212 2211	2331 2222	0010 5334	1141 3412	2200 3323	2122 3132	2237 7667	6656 5421
Hu	1101 3331	2321 2331	0101 5452	2122 4523	1211 3533	1111 3442	2127 8867	6545 7632
Ap	1312 1131	2331 0022	1210 3233	2013 2113	0210 2223	1212 3043	5437 6656	6666 4432
Pi	1200 1202	3332 3240	1201 5345	3322 1204	2212 4323	3113 2654	2237 6746	7655 4542
CT	1102 2100	3223 1121	0332 4333	2133 3312	1122 2223	3321 3221	2135 5566	5636 3431
Wa	1212 2212	3343 2112	2332 4333	3143 3323	2221 3334	2232 3123	2237 7867	9767 5532
To	1211 1222	3443 2122	3331 4323	2333 3223	2231 3324	1231 4124	2248 7768	9677 5432
Am	2222 1133	3442 2122	3322 3244	4233 4323	3321 2343	3331 4243	4337 6657	7776 4432

Obs'y	9	10	11	12	13	14	15	16
Go	4455 5555	5666 5544	4433 3442	1433 3334	4555 6332	3365 5565	4654 6432	3222 3433
Iv								
Co	1135 5522	1242 6621	2123 4210	1002 5543	2036 6300	0177 5543	3353 3221	1111 0011
So								
Le	1033 3223	2342 3321	2210 2131	0100 2223	2234 3210	0144 2433	3531 2210	0001 2113
Do								
Me								
Si	1134 3423	2243 4422	2223 3210	0112 3332	2134 5410	0167 4354	3451 2221	0101 1132
Es	1034 3233	1343 3321	2211 2121	0101 2223	2234 3210	1144 2553	3432 3221	1111 2222
Sl								
RS	1033 3333	1353 3421	2210 2130	0201 2244	2234 4200	0253 2543	3532 2120	0121 2123
Ag	1145 3233	1454 5332	1232 3221	1222 2222	1144 4320	1166 3453	3541 3231	1011 2222
Wi	1033 3323	1353 4321	2211 2132	0110 2224	3134 4200	0153 2553	3521 2111	1101 1223
Ab	1134 3233	2353 3421	2211 3131	1211 3334	3334 4310	0154 3554	3433 3321	1222 3223
Sr	1233 3233	1343 3223	1211 3222	1201 2333	1233 3111	1245 2253	2332 2211	1211 1121
Ni								
KP	1144 3344	2453 4432	2323 3130	0221 2344	2243 4111	1254 2543	3432 2221	1222 3223
Ya	2233 3234	2343 3223	2321 3232	2211 2333	2234 3211	1246 2354	3432 2122	1221 1121
Ch	0044 3223	1343 4222	1222 3110	0211 1223	1144 4310	1154 2454	3541 3221	1001 2233
Za	1133 3244	2343 3232	2222 2121	0222 2324	2254 4110	1244 2354	4443 2231	1221 2223
VD	1133 2344	2443 3321	2212 2121	1111 2233	1143 3112	1144 2454	3432 2221	1111 1122
Eb								
St								
Zy	1134 3223	3353 3321	3211 2111	3312 2333	2133 2100	1355 3654	2433 3221	1321 2232
SF	1134 3333	1334 3322	2222 3320	0201 3334	2345 3010	0254 2554	3543 3332	1122 3333
Tu	1033 2333	2342 4333	2222 3221	1112 2333	3143 3211	1254 2443	3552 3222	2111 2223
Du	1342 2223	1343 3322	2331 2232	2233 2343	2343 2221	2354 3554	3434 3332	2334 3333
Ke	2343 3122	2554 2330	2323 2120	2203 3333	2153 3210	2254 3554	4443 3232	2334 3333
SJ	0021 1101	0110 2210	0000 2000	0000 0121	0033 2010	0142 1343	3411 2110	1001 2222
Ka								
Ho	0122 1112	1131 2211	1111 2110	1001 0113	2022 2100	0254 1333	3442 2122	2111 2233
ZS								
Al	1112 2121	0231 2011	2200 2120	1102 1323	2133 2000	0243 1543	3343 2221	2222 3232
Hu	0022 3322	0221 3220	1112 3420	0101 3443	1123 4322	0142 3664	3322 3433	1111 4443
Ap	0122 1001	0121 2201	2110 2112	2201 0223	2222 2122	2144 2344	3432 2114	2012 3223
Pi	0033 2232	2131 3231	1112 3030	1203 1103	2234 4301	0253 1434	4433 4331	2212 4223
CT	0124 4322	2323 2210	1003 3100	0011 3323	0044 1200	0154 2443	2432 3221	1143 3222
Wa	1133 3222	1242 3321	2321 2211	1101 2223	1233 3100	2355 2544	5343 3221	2222 2233
To	2133 3213	1130 3223	2311 2112	3221 1323	2232 2100	3255 2443	3433 3221	3221 2123
Am	3133 2123	2242 3323	3221 3132	2222 1333	3332 3122	3245 2354	4432 2213	3221 2123

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, FEBRUARY 1946--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	2333 3211	3222 3432	3344 4544	3323 3436	4444 3432	4534 4332	4355 4433	3234 4434
Iv								
Co	2320 0000	1111 1220	2246 5443	3324 3334	5566 7542	3345 3321	1366 4531	2145 4142
So								
Le	3221 1000	2111 1231	1232 2367	2221 2256	6554 7651	5532 2232	3233 3341	2112 1234
Do								
Me								
Si	2321 0000	1111 0120	2335 3343	2224 2244	5677 7631	3346 2221	2455 4432	1033 3133
Es	3222 2001	2112 2221	2332 2445	1222 2346	5544 5541	4332 3332	3233 3341	2112 1234
Sl								
RS	4220 0000	2110 0220	2332 2455	1222 1246	5444 6541	3332 3242	3333 3351	3012 2144
Ag	2431 2211	1111 2231	3344 2444	1123 2235	7566 5421	5554 3322	3554 3331	2123 2333
Wi	3211 1100	2110 1231	2232 1445	1222 2346	5433 4541	3422 2233	3232 4451	2012 1134
Ab	4222 0110	2111 3331	2343 2556	1322 2246	5544 4541	3433 3233	3333 3341	3122 2144
Sr	1220 0100	1101 1211	2234 3345	2312 1245	4356 7632	3333 3222	2244 3342	1023 2142
Ni								
KP	3232 1120	1222 2231	2243 2455	1223 2245	6444 6542	4433 3233	3343 4451	3232 2144
Ya	2322 1121	1111 1221	3244 3453	1212 1245	4355 7632	4323 3332	3254 5442	1113 2143
Ch	2421 0111	1210 1232	3443 3454	2223 2245	5365 5421	5433 3232	3544 2231	2123 2133
Za	3222 1110	2231 2222	2143 2454	2122 1245	6544 6552	4442 2333	3343 4452	2212 2154
VD	2311 1111	1112 1221	1343 1454	2112 1245	5434 5551	4333 3333	3333 4441	1122 2154
Eb								
St								
Zy	2321 0101	2221 2331	2453 2543	2223 2355	4245 5642	3444 3322	1244 5442	0113 2253
SF	4332 1332	3111 1332	3453 3455	2313 2346	5354 5551	5443 3233	3343 4341	3033 2254
Tu	3430 0001	1111 1323	3544 3444	2223 1235	5465 5423	5434 3322	4544 3333	2133 2143
Du	3333 2221	2233 3332	2463 2454	3433 2336	5455 5451	4342 3333	3343 4352	2223 3233
Ke	3332 1211	2223 3331	3454 3554	3333 1335	4445 5541	2243 3332	2343 4452	1222 3242
SJ	2320 0000	1100 0331	3432 2353	1201 1224	4244 5321	4322 3221	1322 2220	0000 0032
Ka								
Ho	2321 0011	0100 0232	3443 3244	2112 0125	3355 2311	4344 2122	2333 2111	1023 1122
ZS								
Al	3320 0010	0120 0331	3553 2443	1212 1335	4245 6531	2223 2222	2233 4240	1112 2232
Hu	2210 1211	1111 2442	3443 4664	1201 3454	4233 5532	3322 4432	3332 3331	1111 3343
Ap	2420 1111	1110 2222	3433 2344	2112 1235	2445 2211	3333 2212	1333 3221	2112 1122
Pi	3330 3332	1101 4441	3553 2564	2311 1446	5354 2531	3312 3422	3432 2222	2001 1032
CT	3231 3210	1133 2322	3354 3455	1023 2245	4244 5342	3345 3322	2132 3231	2102 2043
Wa	3321 1211	2322 2221	4554 3443	2223 1245	5345 6432	3343 3222	3343 4432	1222 2142
To	3331 1112	3111 1322	3553 4333	3323 1234	4354 5432	3333 3222	2344 3332	2223 2132
Am	3331 0023	3121 1232	4554 3343	3413 1234	3355 4432	2234 2212	3344 3222	2223 2232

Obs'y	25	26	27	28
Go	2533 3433	4233 3332	2223 2321	1122 3332
Iv				
Co	2336 4221	2115 2221	0000 0000	0000 0000
So				
Le	3332 2222	3101 1222	1011 0100	2111 1101
Do				
Me				
Si	2235 3221	2114 2111	0001 0100	0000 0021
Es	3323 1223	3121 1222	0102 1110	2112 1211
Sl				
RS	3323 2333	3111 1232	0001 0000	1002 1011
Ag	2424 2223	3213 2122	0111 1221	1000 1232
Wi	2211 2334	3112 1022	0101 0000	1011 1111
Ab	3334 2323	3122 1233	1112 0110	1123 1211
Sr	2224 3322	1213 1321	1120 0101	2121 0001
Ni				
KP	3223 2333	2122 1432	1111 0220	1222 1111
Ya	2224 3322	2213 1232	1111 1110	1220 1211
Ch	3423 2113	2212 1122	0110 0101	1010 1031
Za	2323 3333	2222 2443	2122 2221	2222 1021
VD	1212 2322	3211 1432	1111 1121	1222 1121
Eb				
St				
Zy	3233 4322	2212 2331	1110 0110	1221 1001
SF	3323 2103	2222 0333	1112 2221	1032 3111
Tu	3334 1112	2223 1122	0100 0202	1121 1131
Du	3334 3333	2222 1223	2113 1221	2223 2222
Ke	3234 4333	0122 1221	2233 2211	2133 2122
SJ	1100 0000	1100 1001	0000 0000	1011 1021
Ka				
Ho	2113 1003	0113 1012	0100 0100	0110 0011
ZS				
Al	1212 2323	1110 1212	0020 0210	0321 1011
Hu	2322 3331	1212 2321	0002 1320	1112 3331
Ap	3422 1111	1112 1111	1000 0132	3211 0001
Pi	3312 1233	3211 3322	0100 0322	0121 2043
CT	3322 2222	1134 3222	0232 3200	1221 1101
Wa	2333 2222	1132 2321	1111 0110	1121 1011
To	3333 2212	1223 2222	2111 0112	3321 1012
Am	3333 4112	2223 1222	2211 1113	3321 0022

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1946

Obs'y	1	2	3	4	5	6	7	8
Go	4544 4343	6544 4332	2223 3233	3334 5444	4344 4446	3434 4335	4333 4322	3213 3323
Iv								
Co	3564 3312	4443 2001	0011 0010	3236 5534	3335 5621	2256 5322	2236 5210	0001 2111
So								
Le	3533 2202	5333 2100	0010 1122	3222 3336	6323 4423	3422 3324	2222 2233	1001 1123
Do								
Me								
Si	3676 1213	3342 1112	1110 0111	2244 3333	3234 5522	3345 4122	2134 4111	1010 1121
Es	4443 2213	5324 3211	1021 2122	3223 3335	4224 3323	2323 3333	2122 2223	0000 0222
Sl								
RS	3443 1213	4323 2101	1010 1032	3223 3245	4324 4433	2223 3433	2113 3223	1011 1132
Ag	4665 3333	4433 3122	1111 3221	3353 3435	5333 4333	3333 3323	3333 2321	1011 1331
Wi	4443 1212	4323 2101	1011 2122	2223 3444	4225 4333	3233 3333	1123 3133	1001 2123
Ab	4443 2213	5334 3212	1121 1122	3333 3346	4225 4433	2335 3333	3123 3233	1111 1233
Sr	3354 2213	4332 2101	1210 0011	2234 3345	4223 5422	3333 3333	2224 4111	1100 2122
Ni								
KP	4443 2223	3323 2201	1221 1132	3233 3355	3334 5333	3333 4423	3333 3332	1231 2232
Ya	2332 1201	3212 1001	1001 0011	1113 3234	3222 4322	2213 2222	2123 3011	0000 1122
Ch	4544 0123	4433 2112	1120 1121	2243 3235	4333 3233	3233 3123	3223 2111	0100 1141
Za	2344 2222	4334 3211	2121 1032	2233 3345	3334 4333	3343 3433	3222 3332	1112 2332
VD	3444 1212	3223 2111	1221 1122	3343 3345	3333 5323	2333 3333	2132 3232	1233 2222
Eb								
St								
Zy	4554 1201	4334 3212	2321 1120	2224 3245	4442 5432	4543 5443	2113 4131	1120 1132
SF	5554 3123	6334 4212	2123 2232	3233 4346	4223 3434	3423 3334	3223 3322	1133 3332
Tu	4654 1223	5333 2222	2210 1112	3344 2234	4333 3333	3343 3223	2223 2221	1110 1232
Du	4454 3323	5334 3222	2232 2234	2234 4444	4324 4533	2333 4444	3333 4333	2222 2234
Ke	5464 2111	3334 2112	2232 1133	2234 3344	4324 4432	1334 4333	2233 3231	2110 1133
SJ	4431 0112	4222 2102	1110 0100	1232 2143	4223 2112	2222 1211	2112 1110	0000 0021
Ka								
Ho	4553 1212	3223 2122	2210 0011	1223 1122	3222 2321	2233 2112	2113 3111	1200 0022
ZS								
Al	5442 2212	4323 2112	2220 0021	1223 2134	4322 4322	1232 2322	1112 2220	0110 0222
Hu	4433 2333	3223 4422	2210 2322	2121 4443	3224 4442	2121 3431	2122 2420	0001 2362
Ap	4543 1122	4233 2133	2211 1122	3213 1132	2322 2322	4223 2323	3223 2122	1300 1122
Pi	5532 3022	4314 2323	2202 4242	2231 3253	4321 2133	2122 4433	1122 3221	0000 2142
CT	4454 3212	4334 3212	2232 2112	2133 3335	3224 4222	2343 3233	2244 4222	0033 2222
Wa	4664 1314	5333 2113	2221 1122	2334 3345	3433 4322	3232 3322	3223 3221	1121 2222
To	4453 1224	4333 2112	3311 1113	3334 3344	4433 4313	3333 3223	3323 3122	2310 2122
Am	5554 2133	4333 2123	3320 0123	3234 3343	4433 4432	3333 3233	2223 3222	2310 2121

Obs'y	9	10	11	12	13	14	15	16
Go	1222 4543	7645 8655	5444 5445	3234 3332	3334 3343	3323 4432	3233 4232	2123 3322
Iv								
Co	1001 4632	5555 6655	5445 6333	1012 1111	1202 2221	1102 1120	1026 5311	0002 3312
So								
Le	0000 3443	6643 4358	8432 3333	1011 1110	0111 1221	1001 1130	1022 2232	1011 2112
Do								
Me								
Si	1010 2442	4445 6555	4444 5233	1131 1110	0112 1121	1103 1121	1136 5211	0011 2211
Es	0112 2443	5554 5456	6333 3333	1111 1210	1102 2221	1101 2131	1022 2222	0010 2122
Sl								
RS	0011 3453	6544 4466	6333 3344	1111 1000	0112 1232	1001 1130	1022 2232	0011 1112
Ag	0121 2443	5555 5356	5544 3334	2121 1101	0212 2121	1203 3221	1023 3121	0111 2222
Wi	0100 3443	5443 4365	6223 4344	1112 2100	0111 2231	1102 2230	1022 3232	0111 2112
Ab	0122 3553	6555 5466	6334 3444	1121 1111	1112 2331	1112 2231	2123 2333	1021 2112
Sr	1111 2543	4454 5565	5333 4334	2111 1101	1202 2221	1221 1031	2123 3321	0110 3111
Ni								
KP	1222 2443	6544 4455	5333 4433	1223 1211	1233 2332	1332 3141	2333 3332	1332 3313
Ya	1010 3322	3333 4454	4223 3223	1011 1101	1101 1111	0001 0021	1103 4211	0000 1101
Ch	0110 2343	5555 5345	5544 3324	1121 1101	0211 1121	1103 1221	1033 3211	0011 1122
Za	1110 2553	5544 4455	5234 4433	2222 2100	1223 2332	2222 2232	3233 3433	2231 2323
VD	1222 3443	5543 4455	5323 4333	1222 2111	1122 2332	1212 2131	2233 3432	1121 1213
Eb								
St								
Zy	1000 3552	4543 5655	4333 4333	2221 0000	1212 2331	0103 2131	1133 4411	1321 3223
SF	0122 3543	6544 4466	5334 3333	1110 1211	1113 1331	1112 4131	2123 3333	1032 3223
Tu	1111 2443	5444 5464	4443 3335	2222 1110	1212 1121	1103 2121	2034 3223	0021 2223
Du	1322 2654	5655 5565	5334 4344	2232 1212	1222 2223	2212 2232	2234 3333	1232 2223
Ke	2323 3652	5554 5555	4333 4334	2221 2101	2122 2222	2222 2131	2134 3331	2122 2123
SJ	0000 1442	4434 3363	4221 2333	1100 0000	0100 0110	0101 1021	0022 1100	0000 0122
Ka								
Ho	0000 2343	4443 3354	3232 2333	0110 0011	0102 0011	1100 0021	1122 2111	0011 1012
ZS								
Al	0112 3652	5555 5554	4223 2233	0111 1000	0211 1221	0201 2131	0122 1121	0111 1113
Hu	1002 2662	4333 6553	3222 4533	1110 2221	1111 3332	1101 3331	1022 3322	0011 2332
Ap	1201 2342	4433 3233	3232 2233	2210 0022	0102 1121	1201 1022	1123 2223	2111 1012
Pi	0001 4543	6543 4464	5332 3304	2000 3231	0101 4302	0002 3212	1023 4222	1012 3232
CT	1222 2543	5544 5355	4223 3333	0011 1210	0112 1220	0032 2220	1232 2221	0023 1212
Wa	1322 3442	5444 4555	5332 3333	2322 1111	2212 2332	1212 2131	3124 2322	0111 3212
To	1221 3533	4554 4354	5333 3333	2211 1111	1212 1232	1122 1111	1134 4312	1121 3211
Am	2201 2433	4544 3254	4233 3333	2311 1011	1212 1121	1221 2122	2223 3223	1121 1112

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MARCH 1946--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	3333 5543	5455 4431	1123 3333	3224 5423	3544 5432	1366 6433	3333 4445	6533 5645
Iv								
Co	3334 6332	1125 1220	1020 2011	2115 4422	2235 5210	1276 4323	3321 3313	6637 7633
So								
Le	4422 2344	2222 2220	0111 1122	2113 3232	2322 3210	0244 3223	3221 2247	9753 8835
Do								
Me								
Si	3333 5331	1134 1111	1131 2022	2114 4222	2235 5110	0274 4223	2210 2224	7758 9934
Es	3322 3344	2222 3221	0111 1122	2113 3232	2323 3210	1355 4324	3222 2345	8843 6835
Sl								
RS	3322 3454	2221 2220	0111 1012	2113 3232	2423 3100	0354 4224	3231 2345	8744 7834
Ag	5542 4343	3234 2331	1232 2223	2123 4223	3433 3210	0255 4224	3221 3336	8857 6734
Wi	3323 4454	2111 2120	0111 2123	2113 4331	2414 4210	0234 4224	2121 2356	7744 5735
Ab	3333 4454	2123 3121	0122 2123	3124 3232	2323 3211	0355 4335	3222 2346	7644 5735
Sr	1311 6443	1124 3221	2221 2122	2213 3212	2333 2112	2344 4213	3211 3426	6545 8844
Ni								
KP	3323 4553	2333 3332	2222 2223	3333 3333	4333 3321	1354 4234	3232 3446	7644 5745
Ya	2211 4332	1012 2110	1110 1011	2002 3311	2212 2100	2233 3112	2110 2323	5314 4732
Ch	5542 3343	3233 2221	1121 1123	3223 3223	3422 2211	0354 3235	3321 2235	7845 6636
Za	3433 4543	2222 3332	1122 2123	3224 3332	2323 2312	2354 4234	3322 3454	7645 5844
VD	2323 4543	1122 2331	1111 1122	2213 3321	2323 2211	1144 4234	3212 4456	7645 5544
Eb								
St								
Zy	4334 4442	1132 2120	2222 1133	3224 4322	3424 2310	1414 4334	3332 4436	5545 5644
SF	3423 4343	3213 3331	0132 2033	3124 4233	3434 3211	0444 5346	4322 3455	7664 6645
Tu	4542 4334	2233 1210	1221 1123	3223 3212	2333 2211	1354 3335	3322 1334	7755 6635
Du	3434 4454	2123 4222	1332 2223	3224 4343	2433 3222	1454 5335	3333 3455	7545 6745
Ke	4434 4444	3122 2211	2222 1133	3214 3232	3214 3100	2465 4235	3332 2344	7555 5645
SJ	4521 2433	1022 1210	0010 0123	3212 3212	2421 0100	0344 3335	4311 1324	7634 4434
Ka								
Ho	3331 3232	2113 1100	0120 1023	3012 2112	2323 1110	0354 3235	4221 0224	7535 5434
ZS								
Al	3522 2443	2112 2200	0221 2123	3213 3232	2321 2100	0454 4235	4222 3445	7556 6745
Hu	3431 3443	2011 2321	1111 1333	3112 4322	2421 3321	1333 5444	3312 2434	6434 7733
Ap	3422 3232	2113 1022	1211 0033	3412 1112	2322 2122	2364 3145	4221 1224	7545 5354
Pi	4532 5443	2022 4332	0110 3223	3212 4343	1521 3331	0444 4225	4321 2445	7533 5504
CT	3433 4332	2121 2310	0122 2333	2113 3122	2423 3201	0354 5335	2221 2346	7645 5634
Wa	3433 5443	2123 2221	2221 2123	3223 3222	3323 2111	1354 4224	3222 4336	6546 7743
To	3433 5332	3223 2210	2222 1122	2213 4312	3433 2111	2354 3124	3322 3336	6535 6623
Am	3433 5332	2314 1111	2221 1023	3203 3222	2334 3122	2354 3124	3321 2224	6536 5634

Obs'y	25	26	27	28	29	30	31
Go	6555 5565	5445 4343	3424 5434	3598 7965	4355 5532	2234 3333	2244 3433
Iv							
Co	6567 8985	4457 5442	4426 5534	4678 8767	5434 4232	1103 1111	2335 5122
So							
Le	9866 8988	7654 3354	5432 3525	6789 8888	6444 4333	2212 1113	1133 2125
Do							
Me							
Si	7799 9995	5677 5442	3425 4533	5789 9967	5444 4221	2211 1122	1144 4113
Es	8755 9987	6554 3353	4412 3434	4598 9989	4455 4333	2222 2222	1132 2224
Sl							
RS	7656 9978	5443 3353	5423 3435	4599 9998	4455 5333	2112 1123	0133 2124
Ag	7888 7867	7775 4253	6524 4435	6799 9887	7744 4322	3212 1222	1243 1334
Wi	6555 8867	5533 4454	4313 4433	4498 9797	4343 3324	2112 1113	0123 3324
Ab	7755 8867	6454 3354	4413 3435	4498 9987	5455 4334	2222 1223	1133 2224
Sr	5668 8888	6545 4553	3323 4434	3579 9876	6665 3222	2212 1222	2234 3113
Ni							
KP	6656 6666	4544 2553	4332 4544	4599 9999	9946 4443	2223 2223	1334 3224
Ya	5366 9977	4234 3332	2222 3323	3374 9777	4333 2112	1010 1111	2123 2213
Ch	6677 6777	6564 1242	5423 2335	6589 9987	6543 3233	3201 1122	1233 1114
Za	6657 7978	5335 4543	4422 4544	3599 9997	5555 4333	2223 2232	1244 3224
VD	6448 8877	5444 3463	3322 4444	4589 9996	5455 3223	2232 1222	2233 2124
Eb							
St							
Zy	5456 7576	4344 3553	3423 4534	4489 9986	5455 3211	1112 1122	3344 3223
SF	6566 7667	5323 4363	4545 4435	4599 9887	4322 3323	3123 1112	1122 3224
Tu	6677 6765	6665 3332	4513 3433	5579 9877	5554 3312	2212 1222	1233 2234
Du	6556 7667	6655 3453	3323 4534	4598 9997	5465 5433	2323 3223	2233 4224
Ke	6646 6667	6554 5453	3533 4433	4477 9875	5454 3332	2333 2121	2433 3223
SJ	5656 7555	6443 0222	5402 1224	4578 9776	6443 2211	2100 1121	0111 0012
Ka							
Ho	6346 5655	4455 2221	3303 3322	5479 9876	4343 3212	2012 1121	1133 2024
ZS							
Al	5356 5667	5444 2453	3212 3423	2389 9886	4454 3221	1112 2122	1233 2113
Hu	5545 6674	5432 2332	3401 3443	5477 8976	5433 4422	2212 2321	1222 1223
Ap	6336 5655	5345 2132	2213 2212	5378 9866	6543 2322	2111 0122	2233 2224
Pi	5655 5565	6534 4333	5502 2344	5477 8866	6554 3442	2112 3022	1232 4225
CT	6555 6767	5523 3352	4332 3334	3578 8786	4254 4312	1222 1211	1223 3103
Wa	6458 6777	4445 3552	3212 4534	4389 9876	5454 3322	1112 1222	2233 3213
To	5358 7775	5445 3543	3332 3434	4478 9876	5544 3222	2222 1222	2234 4223
Am	5558 6765	5555 3431	3314 3434	3479 9877	5543 3213	1211 1022	2233 3123

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1946

Obs'y	1	2	3	4	5	6	7	8
Go	3344 4334	3334 5434	2123 4433	3234 4323	2224 4333	2234 4333	2334 4432	1234 4443
Iv								
Co	4365 4222	3355 4432	1115 4310	1213 3311	1113 4341	2223 3221	3434 5510	0236 4021
So								
Le	6232 2233	3322 3335	1011 2322	2212 2213	2112 3433	3212 2223	2322 3322	0021 2222
Do	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	0112 4430	0034 3122
Me								
Si	3353 3122	2445 3322	1032 3221	1212 2011	1101 3232	1213 2112	2334 3320	0145 3122
Es	4333 2232	3223 3345	1112 3322	2211 2212	2122 3332	2222 2222	3223 3321	1122 2233
Sl								
RS	5233 2243	4323 3345	0112 2321	2212 2103	2113 3332	2122 2122	2322 3321	1122 2122
Ag								
Wi	4233 1234	4212 3334	0011 2311	1101 1113	2112 2333	2112 2132	1322 3321	1032 3123
Ab	5233 3233	4323 4345	2123 3332	2223 3113	2123 3332	3223 3233	3333 4322	1133 3233
Sr	3242 2222	2334 4223	1122 2322	2213 2111	1221 3232	2212 2222	2222 3311	2224 2132
Ni								
KP	5343 2343	4333 4344	1223 2332	3332 3223	2333 3333	2222 3232	3333 3331	1232 3133
Ya	2121 1111	2223 2212	1011 2210	2101 0201	1110 2120	1111 1121	2212 2100	1113 1011
Cn	5232 1133	4534 3232	0021 1211	3201 1012	1111 2132	2222 2123	3331 3311	1043 2132
Za	3243 2343	3233 4434	2123 1332	2332 2314	2233 2333	2223 2233	2323 2331	0223 2132
VD	4342 2343	3223 4423	1222 2332	2232 3213	1233 3232	2222 2222	3333 3321	1133 2133
Eb								
St								
Zy	4333 3433	3333 4323	0121 1231	3333 3213	2132 3331	1433 3343	3333 3321	2333 3133
SF	5342 2142	4334 3334	1021 3332	3212 2213	2122 3343	3233 2233	3223 3421	1133 3333
Tu	4343 2223	3433 3334	1022 2123	2211 2112	2111 2232	1222 2112	3433 3321	2243 2232
Du	3443 2344	3443 3434	1223 2433	2232 2324	2222 4243	2222 2233	3333 3422	2233 3243
Ke	3333 3233	2433 3323	2313 2322	2332 3113	2223 3232	2222 3332	3243 3321	3333 3032
SJ	4132 0032	4222 2221	0010 1121	1000 0000	0010 1231	1101 1011	3321 2200	0132 0032
Ka								
Ho	3242 1122	2233 3133	1112 2111	2211 0011	1001 2232	2111 2022	2223 2210	0122 1132
ZS								
Al	3223 1132	3234 2322	2121 1221	1212 0112	1211 2131	1212 1122	3232 3320	2233 3132
Hu	3232 3332	3222 4432	0011 1322	1001 2211	1011 4353	2111 3322	2322 4420	1232 2242
Ap	3232 1112	2333 3233	2212 2232	3211 1132	2111 2233	2201 2132	2323 2323	2322 1133
Pi	4342 4152	4323 4354	2010 4232	3010 3233	3100 3242	0203 4344	3322 4232	0232 3323
CT	3333 2232	3224 2333	1021 2221	2112 3112	2133 2432	2122 3311	3222 1112	1223 2022
Wa	3232 2223	3333 3323	2122 2321	2211 2212	1111 3331	1211 2132	2232 3311	1333 2121
To	3233 2233	2333 4323	2222 3322	3223 3211	2221 3332	2222 2221	3333 3312	1234 2222
Am	4242 1122	3333 4233	2122 2233	2222 2222	3211 2332	2222 2122	3333 2323	1133 2122

	9	10	11	12	13	14	15	16
Go	3244 5654	4224 4332	3233 4333	3324 5544	3344 6554	3135 6743	5464 6554	3233 4434
Iv								
Co	2125 6633	3216 3010	0101 3010	2203 2323	3445 4343	3116 7433	5477 7651	3412 1122
So								
Le	2123 5634	5122 1102	1022 1111	2212 3323	4332 2344	4213 6335	5455 5661	2230 2233
Do	3013 7725	4122 1003	0012 2101	2212 3334	3343 3344	3024 7435	6465 7771	2200 2224
Me								
Si	1136 7723	3115 4111	1111 2110	1203 2223	3344 3232	2226 7433	5578 8741	2312 1122
Es	3123 4534	3123 2112	1021 2211	2113 3334	4333 2344	3124 5334	4454 5451	2221 2233
Sl								
RS	3234 6635	4213 1102	1122 1111	2212 3224	4342 2344	3124 5334	4354 5561	2212 2234
Ag								
Wi	3134 4535	3113 1112	0122 2111	2112 3334	3332 2244	3124 4333	4444 4551	2111 2233
Ab	3235 5535	4123 2213	1132 2222	3113 3335	4443 3354	3124 5434	4454 5452	1211 3234
Sr	2234 5423	3213 2112	1211 1111	2312 2224	3344 3243	2123 6334	4455 6543	2311 1123
Ni								
KP	2134 5434	4223 2103	2123 2222	2222 3234	4443 3344	3234 5244	4455 6463	2222 2234
Ya	1223 3423	2102 1000	1001 0100	1102 1122	3222 2132	2012 4222	4334 5531	1110 0022
Cn	2235 5434	4113 2111	0121 1112	2211 3335	3334 3334	3223 5334	5455 5342	2311 1122
Za	3235 5544	4323 2213	2223 2222	2303 3344	4343 3445	3235 5444	4454 6553	2211 1224
VD	3234 5444	4222 1112	2111 1112	2322 3234	3333 2344	3234 5343	4344 6551	3222 1134
Eb								
St								
Zy	2345 4433	2224 2212	2232 1101	2223 3335	4344 3343	2115 4323	5455 6653	3332 2215
SF	3336 4444	4114 3113	1133 3222	3122 3234	4334 2153	4134 5434	4445 5553	2232 1114
Tu	3345 4424	4113 2221	0121 2111	2113 2235	3443 3343	2223 5434	5455 5342	2311 1123
Du	3246 3445	3334 3222	1323 3222	2233 3346	4354 3354	3245 5444	4454 6652	2232 1344
Ke	3346 3435	2113 3111	2122 2122	2112 2345	3243 3343	2235 5333	5364 6652	2222 1233
SJ	2233 4323	3102 1000	0010 0000	1110 2135	4433 3232	2012 4343	4344 4342	2200 0131
Ka								
Ho	2134 3223	3213 2010	0012 0111	1102 1235	2233 2122	2122 3123	5345 4320	1200 0022
ZS								
Al	3335 3424	2223 2101	0122 1001	2222 2235	3332 2242	2112 4322	3343 5541	2211 1122
Hu	2224 5533	2112 3310	1111 1211	1112 4444	3322 3442	2213 5443	4343 5431	1211 2331
Ap	2225 3233	3202 1022	2212 1132	3312 1245	4333 1132	2113 3223	5344 4331	1200 0112
Pi	2334 3324	3011 3011	0210 3203	1211 2305	4432 3233	2223 4323	5443 5432	2212 2043
CT	2234 5434	3233 2202	1122 2211	1122 2224	4233 2343	2234 5333	3344 6453	2111 2213
Wa	2245 5424	1223 2001	1111 1101	1112 2233	3343 2233	3125 5223	5455 6542	2212 1132
To	2235 4424	3323 2101	2132 1102	1213 2223	3343 2132	3224 5333	5455 6431	2321 0123
Am	3235 3323	3213 2012	2112 2112	2212 2223	4344 2232	3224 5322	4454 6332	3310 1023

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, APRIL 1946--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	3223 5433	2234 5433	2233 4433	2223 4532	2133 5432	1145 5644	5334 4555	5645 5544
Iv								
Co	2212 5111	2225 3211	0120 0212	1100 1312	1010 2100	1136 2341	2455 6775	5577 5632
So								
Le	4101 2100	1222 2220	0002 1313	2001 2300	0111 2210	1233 2331	3334 7779	9755 4664
Do	4112 2100	1103 3220	0010 0312	2001 2300	0021 2220	0023 2332	3235 8879	9856 5674
Me								
Si	2111 3110	1124 2121	0020 0222	2101 1211	0010 1001	0136 3241	3488 8867	8778 6632
Es	3111 3101	1222 2220	0011 1312	2001 2220	0012 2210	1033 2342	3343 5779	8655 3743
Sl								
RS	3102 2000	2212 2210	0010 2212	2001 3210	0001 1200	0033 2341	3344 6769	8655 4653
Ag								
Wi	3111 2110	1112 2110	0011 0122	1001 2210	0111 1121	0123 3341	3324 4769	7644 3743
Ab	3212 3211	1133 3331	1112 2323	3113 3311	0111 2321	1133 3452	4355 5667	6654 4743
Sr	2221 2111	2222 3211	2231 1122	1211 1211	2221 2112	2233 2322	3356 7776	7666 5643
Ni								
KP	3232 3212	2233 2221	2121 2222	2212 3321	1122 222ï	2144 3452	3434 5669	6646 4643
Ya	1210 2101	1001 1000	1111 1101	2200 1101	1011 1021	2123 1221	2137 7777	6466 3432
Ch	4121 1111	1222 2231	0121 1212	2111 2121	0010 2012	0144 2242	3456 5569	9765 3544
Za	3202 2111	1223 2121	1111 0222	1102 2421	1012 2220	1144 4442	3344 7768	7655 4744
VD	3222 3221	2133 3221	2212 1222	2123 2311	2122 2111	2244 2442	2345 6769	7656 4644
Eb								
St								
Zy	2232 3210	2133 3210	2121 1122	1112 2310	2333 2211	0154 4452	2345 5657	5576 5433
SF	3111 2001	1233 3320	1011 1213	2111 2320	0000 2222	0154 2452	4455 4657	6664 5653
Tu	3221 2111	2222 2321	0121 1212	2011 1121	0121 1011	0155 2342	3446 6646	7666 4533
Du	3343 4221	2233 3322	1332 2322	3322 2322	2322 3222	2254 3453	4555 5747	6665 3744
Ke	3232 3111	1133 3221	1231 0101	2222 2310	2221 2121	2254 3451	3555 6756	6565 4643
SJ	3101 1110	0111 2220	0010 0211	0001 1110	0000 1001	0143 1241	2335 5556	6554 2433
Ka								
Ho	1111 2121	1111 2021	0021 0222	1001 1010	0011 1020	0044 2242	3345 4556	5656 2323
ZS								
Al	1212 2110	1223 2220	0022 1112	1102 2210	0111 2110	0153 2452	2244 4645	4565 3643
Hu	2112 1211	1101 3321	0021 2332	0001 3320	0011 3220	0143 3461	2235 5556	6543 3532
Ap	2ïïï2 ï2ï2	2112 2122	2121 0123	1001 0023	211ï 2211	0134 3333	2455 4445	5566 4232
Pi	2110 4331	0201 3030	0120 2323	2010 1101	0101 2311	0043 3451	2436 5466	6554 3333
CT	2112 2100	0133 1210	0101 1102	1003 1310	0112 2011	1043 2341	3445 5557	5554 4653
Wa	2221 2101	2123 3211	1121 1111	1111 1211	1222 2121	2245 2441	3336 6756	7756 4643
To	2222 3002	2223 3211	1120 0111	1211 1211	2211 1121	2244 2ïï2	2346 5667	5566 4532
Am	2211 2022	2113 3122	1120 1122	2211 1122	1111 1022	1144 2334	3356 5665	5566 4432

Obs'y	25	26	27	28	29	30
Go	4334 4432	4323 4444	4322 3332	2234 4444	2245 4443	3224 4432
Iv						
Co	4531 0011	2002 2123	5211 1021	2222 4532	2145 3211	2111 1110
So						
Le	6432 0001	2222 1224	4102 1011	1102 2342	1133 2312	2211 2120
Do	6421 1000	2112 2223	5000 0000	0101 3352	1033 2213	2001 3122
Me						
Si	5421 0001	3011 1133	4210 0011	2222 3332	2144 3111	2010 1020
Es	4321 2101	2122 1223	4211 2111	1102 2342	2132 2222	2101 3121
Sl						
RS	4321 2100	2222 1233	4220 0010	1112 2343	1133 1223	2212 2110
Ag						
Wi	4221 0000	2212 1222	3200 0011	1101 2234	1133 2313	3111 2121
Ab	4331 3311	2132 1333	4111 1221	2122 2353	2133 2323	3222 3231
Sr	4332 1112	2222 2123	3121 1111	2122 2333	2133 2222	2121 2111
Ni	....					
KP	4321 1122	2333 2232	4323 1011	2223 2342	2244 2222	3232 3222
Ya	3221 0000	1111 1112	2110 1000	1010 1121	1122 1111	1111 0221
Ch	5421 1011	2221 1134	3100 0001	2122 2343	1132 1223	3001 1121
Za	4422 0000	1111 1222	4100 0011	0021 2242	1134 1122	2111 1111
VD	4323 1111	2213 2232	4223 1110	1223 2243	2234 2211	2212 2122
Eb						
St						
Zy	3331 0000	3141 1122	3221 1011	2122 2233	1243 1211	1211 2122
SF	5433 1300	2131 3233	4320 1100	2112 2454	2133 2322	3001 3311
Tu	5321 1011	2121 1123	4200 1010	1112 1343	1133 0222	2111 2112
Du	5332 3212	2342 1333	4343 2111	2334 3443	2344 1223	2342 3222
Ke	4231 3011	3232 2333	3223 1010	1113 2333	2143 2211	2231 3121
SJ	5310 0000	1000 0113	3000 0000	1001 3353	1132 1222	2000 1131
Ka						
Ho	3320 0000	1000 0113	4200 0000	1010 0232	0033 2112	2010 0021
ZS						
Al	4211 0000	1000 0212	4100 0000	1111 1442	2242 1122	2111 2110
Hu	4200 0000	1101 1333	3000 1000	1001 2441	1022 2331	1011 3310
Ap	4331 0011	21ïï ïï23	4321 0012	1211 1233	1144 2112	2110 1022
Pi	4422 0121	1211 0204	3322 1200	2101 1354	2022 3403	3100 2112
CT	4321 0210	1221 3223	3211 0211	1113 3343	1143 2111	2011 2111
Wa	3433 1121	1111 1222	4231 1011	2122 2332	2233 2122	2121 2111
To	4432 1012	3231 2223	4121 0002	2201 2232	1243 2122	2200 2001
Am	3321 1022	3232 1223	3222 0002	3101 1233	2244 2112	2200 2122

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1946

Obs'y	1	2	3	4	5	6	7	8
Go	3444 4555	4335 4333	2323 3433	3335 4333	2233 5444	4575 5655	5557 6554	4555 6664
Iv								
Co	1323 2321	2333 2010	2213 2211	2334 3411	1200 0022	4554 3324	3654 2222	3465 7332
So								
Le	0122 2333	4322 2323	2222 2231	3113 2222	0101 1223	3453 2226	3664 4212	2553 3334
Do	0021 2233	4000 2212	0111 1032	3104 2322	0100 1123	3453 3426	3675 5222	2463 4234
Me								
Si	0232 1232	2232 2012	2211 1222	2333 1210	1100 1123	3464 3325	3674 4222	3565 6232
Es	0221 2232	4112 2322	2111 1132	3123 2321	1111 2233	2454 3435	3553 4222	2453 4334
Sl								
RS	0221 1223	4122 1312	2222 0131	3123 2221	1110 1224	4554 2436	3554 4222	3453 4334
Ag								
Wi	0231 1212	4112 1212	2211 1131	3112 2321	1111 2133	3443 3326	3553 4212	2452 4233
Ab	1333 2333	4123 2323	3222 2232	4133 3331	1221 2334	3453 3446	4554 4332	3564 4444
Sr	1221 1333	2221 1211	1221 1121	2223 2221	1221 2123	2243 3215	3344 3211	2353 5223
Ni								
KP	2342 3233	4233 2322	3343 2242	3342 2332	2332 3224	4444 3435	3644 4323	3553 4444
Ya	1110 1000	2111 1100	1111 1222	2122 0121	1110 0013	2333 1214	2332 2101	1332 4123
Ch	0331 1123	3131 1122	2201 1123	3223 1222	1300 0135	3554 3337	4654 3323	4564 3343
Za	0000 1132	3321 1202	3330 0142	3222 2142	1100 1124	3443 3224	3333 3423	3443 4334
VD	2232 2232	3223 2321	3331 1232	3223 2232	1312 1224	3444 3325	3653 4322	2343 4344
Eb								
St								
Zy	1222 2333	2021 2220	2322 1332	0323 2222	1222 2233	2544 3435	3655 3301	1454 5343
SF	1210 0242	4222 3113	3321 3232	4222 2332	2210 1124	3555 4437	5554 5452	2454 6444
Tu	1331 1223	3231 1121	2301 1113	3223 2222	1200 1135	4554 3336	4554 3233	4563 4333
Du	2343 3223	4342 2322	2232 3243	3334 3332	2323 3335	3655 4537	5754 5322	2665 5444
Ke	2221 2333	3232 1322	2332 0332	3222 2233	2121 2224	3545 3336	4653 4312	2454 5444
SJ	0230 3242	3120 1121	2200 1222	1003 0111	0200 0123	3543 1325	3433 3211	3552 3332
Ka								
Ho	0220 0112	2011 1011	1201 0112	2123 1111	0100 1124	4553 2226	3645 3212	1243 4221
ZS								
Al	1111 1222	3221 2201	1231 0131	2122 2121	1121 2133	2554 2426	4634 3211	2243 4334
Hu	0210 2222	2110 2320	1200 1221	1123 3330	0101 2323	3533 3535	3342 4322	3442 4442
Ap	2332 1223	3212 1122	1212 1122	2223 2221	1211 2223	5544 3325	3655 3223	1242 4232
Pi	0223 2333	3222 0201	2212 2322	1023 1033	2203 2124	3443 2336	4555 3513	3542 4423
CT	0131 2323	3112 2103	2231 0331	3133 2223	2243 3223	3554 2325	3543 3222	2354 4334
Wa	1232 1222	2231 2311	2221 1231	2323 2221	1231 1113	3544 2325	3653 3112	3352 5223
To	2222 1332	3211 1212	3311 0223	3224 1120	2120 2113	3544 2224	3543 3102	3343 5223
Am	2221 2233	3222 1122	1312 0123	2324 2122	3220 1123	4454 2224	4543 2122	2343 5132

Obs'y	9	10	11	12	13	14	15	16
Go	3444 5543	3455 4433	4466 6643	3234 4543	4434 5444	3333 4543	2334 3433	2234 5434
Iv								
Co	4355 6664	3446 3222	3575 4432	3224 4122	3420 0122	2200 1111	1124 3211	1213 4222
So								
Le	5544 6655	3342 3332	4455 4532	2222 2221	3311 1123	2210 1210	1112 2212	1211 3122
Do	6543 6756	2452 4423	5555 5521	2123 3221	3412 2113	2200 2100	0022 3211	1112 4221
Me								
Si	4475 6654	3336 4222	3586 4322	3213 3132	3330 0111	2100 0010	1013 1121	2113 2122
Es	4344 5554	2333 3323	4454 5512	2222 2231	3311 2123	2111 1210	1112 2212	1222 3132
Sl								
RS	4443 6554	2342 3323	4454 5521	2223 2221	3311 1113	3200 2200	0112 2212	1211 4121
Ag								
Wi	3432 5553	2333 2224	3344 4521	2123 3221	2211 1113	2111 2110	1112 2112	1112 4131
Ab	4443 5554	2333 4434	4464 5521	2223 3231	3321 2223	3111 1210	1122 3311	1222 4233
Sr	3354 4453	1234 2212	3554 4321	2233 2112	2331 1112	2310 0111	2132 2112	2222 1122
Ni								
KP	5333 4555	3453 3324	3465 5532	3323 2222	3332 2223	3232 2221	2223 3222	3313 4232
Ya	2232 3432	1124 2212	3353 3311	1112 1010	2210 0102	2100 0010	1121 1011	1111 1021
Ch	4443 4444	3432 2334	4565 4332	3322 2132	3331 1123	2301 1231	1112 1122	2213 3223
Za	4433 4554	1334 3322	3345 4543	2233 2122	3222 1112	2200 1110	0012 2111	1212 3242
VD	4344 4454	2333 3323	4464 4522	2223 2122	3332 1123	2132 2111	1222 2111	2232 4131
Eb								
St								
Zy	4343 4538	3443 2323	3466 5412	1213 1223	3321 1111	1100 2111	0133 2111	2323 3131
SF	5442 4455	1433 3324	3564 6532	2213 2231	3321 1222	3123 3310	0111 4121	2211 3332
Tu	4544 4433	3443 3325	4565 5433	3223 2122	4431 0123	2210 2121	1112 1112	3323 2133
Du	4544 4653	3454 3324	4466 6533	3323 2333	3333 2323	3332 3222	2332 2332	2223 3122
Ke	4353 3544	3353 3324	4466 5522	3233 3221	2432 1223	3312 2122	2223 2221	3232 3123
SJ	3434 3323	2331 2124	2554 4331	2210 0122	3311 1122	2200 2210	1102 1221	2212 2213
Ka								
Ho	4244 2222	1333 2224	3454 4322	2111 1122	1121 0022	1210 1110	1112 1121	2212 2113
ZS								
Al	3332 4342	1243 2214	3555 5512	2222 1121	2111 1112	2211 2110	1111 1121	2211 2112
Hu	2323 5543	1332 4424	2453 6431	2112 2231	3321 1222	1100 3210	1111 2221	1211 4232
Ap	3244 2222	3344 1214	5363 3221	2111 1211	3221 1101	2211 2210	0112 1122	1222 2122
Pi	3434 3504	4332 3314	3564 5403	2323 1101	3322 0103	1112 2312	0002 0121	2223 2003
CT	4444 3445	2454 3224	3365 5322	2223 1111	3321 0113	2222 2010	0123 2211	1112 2122
Wa	3443 4543	2354 2323	3575 4522	1222 2111	2231 1112	1111 1010	1221 2211	1122 3022
To	3343 4433	2344 2213	4464 4422	2322 2112	3320 0112	2200 0111	1222 2100	2112 2121
Am	3444 3434	3344 2223	4475 3323	1113 2222	4320 0023	3100 1033	2212 1033	3223 2133

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, MAY 1946--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	4444 5553	4434 5533	2333 4333	1233 2545	4345 5554	3345 6644	5446 5644	4356 6543
Iv								
Co	2221 6520	4344 4522	1112 1110	1110 2224	3466 6433	3576 6643	5256 6553	3446 6634
So								
Le	3322 3441	3333 3321	0112 2211	0111 1226	4333 3454	3654 4545	6533 3555	4433 4435
Do	3422 4422	3334 3311	0112 0100	0000 0337	5344 4465	3655 5535	6434 5554	5523 5524
Me								
Si	2312 4321	3344 3311	1002 0100	0120 0234	3376 5432	4686 6533	7434 6443	3534 4434
Es	3322 4431	3333 3311	1101 2211	0111 1334	4333 4443	2554 4444	4433 4554	3333 4333
Sl								
RS	3422 4421	3333 3311	0111 0100	0202 0324	4332 4443	2554 4454	4333 3454	4323 4323
Ag								
Wi	3312 3321	3233 3311	0112 2211	0112 2344	4332 3443	2453 5353	4323 3564	3222 3523
Ab	3422 4531	3343 3421	0211 2211	0121 2334	4333 4543	3554 5554	4333 5554	4333 4433
Sr	2322 2321	3332 2212	2111 0101	1111 2225	3345 4443	3454 4543	4444 5453	2333 3433
Ni								
KP	2322 4321	3334 3421	2233 2111	2232 2354	4333 5554	4655 4454	4334 4554	4333 4434
Ya	2211 2221	2222 2210	1000 0000	1000 0002	2244 2432	2434 3332	2332 4332	2322 2322
Ch	3522 3322	5443 2322	1002 0112	1221 1234	5354 3345	3654 3444	5333 4445	3433 4333
Za	2312 3310	2333 3410	0111 0100	0100 0223	3333 3444	3443 3444	4334 4544	4222 2234
VD	3332 3332	3333 4412	1121 1111	1122 1244	4244 4543	3545 4443	4335 4443	3333 4433
Eb								
St								
Zy	2433 3222	3444 3322	0122 1100	0122 1344	4344 4443	3544 4344	4444 5443	3334 4523
SF	3422 3442	3342 3311	0022 1111	0132 3335	3243 3343	3554 3435	4333 3454	3343 3324
Tu	3432 3322	4443 3222	1002 0101	0121 1245	5454 3333	3655 3344	5444 4334	3433 3333
Du	2333 3332	2353 3422	1323 1211	1232 1345	3344 4543	3565 5454	4345 4554	3344 4432
Ke	2433 3322	3243 3322	2222 2112	3122 3345	4342 3543	2555 5343	3344 4453	3334 3422
SJ	3321 2231	3333 2110	0001 0100	0010 0336	5333 2223	2553 2233	5223 3334	2323 2322
Ka								
Ho	2322 2111	3221 1221	0001 0100	0000 0244	4354 2323	2544 3223	3224 3333	3323 2222
ZS								
Al	1222 2222	2132 2311	0111 0101	0121 1244	4232 4442	3543 4242	3233 4443	2223 3422
Hu	2212 3431	3332 3321	0000 0210	0000 1344	4233 4433	2443 4433	4223 4543	3322 4431
Ap	3321 2211	3222 1222	0001 1101	0011 1335	4454 2213	3544 1223	3334 3224	2323 2212
Pi	3322 0322	3343 0231	0002 1102	0012 2426	5333 2334	2553 2534	5333 4524	3422 3402
CT	1322 2321	3343 3310	0022 2100	0011 1224	4344 3344	3554 4445	4333 4444	4334 4334
Wa	2232 3331	3234 4511	1111 1100	0121 1245	3444 5453	2645 5443	4334 5553	4234 4432
To	2321 3222	3243 3411	1111 0001	1111 1234	4454 4343	2544 4333	4344 5443	3224 4433
Am	3332 1233	4243 3333	2112 0033	3201 1134	4354 4333	3554 5333	4334 4434	2334 4423

Obs'y	25	26	27	28	29	30	31
Go	5345 5544	5534 5433	3333 4333	4434 5432	3344 4433	3233 4443	3344 4553
Iv							
Co	3334 2323	3424 5111	2210 1101	2353 5411	2344 4221	2100 1222	4364 3322
So							
Le	4432 2334	3422 3211	1111 2113	2222 3232	2222 2332	3212 2223	3442 2222
Do	5322 3333	4313 3321	2010 2113	2222 2321	1222 2222	2010 2222	3332 2222
Me							
Si	3443 2222	3323 4110	2130 0101	2242 3211	2242 2211	1000 1122	4464 3211
Es	4322 3333	3322 3312	1122 2213	2222 2232	2222 2322	2112 3222	2432 3322
Sl							
RS	4323 3332	3322 3311	2111 2113	2211 2231	2221 2331	2012 3222	3432 3221
Ag							
Wi	4222 2333	3311 2211	1111 2213	1211 2221	1222 2231	1112 2222	3321 3231
Ab	4322 4333	4323 3322	1222 3213	1322 3332	2322 2332	3123 3222	3442 3332
Sr	3332 1223	3323 3111	2231 1011	2332 2331	2322 2121	1111 2122	2333 2222
Ni							
KP	4332 3433	4433 3322	2222 2223	2333 3332	3333 3332	3323 3232	3334 3222
Ya	2222 1211	2211 3222	2110 0011	2212 1111	2121 1021	1100 1121	1122 0111
Ch	4332 2333	4302 2122	2120 1113	3231 2222	2332 1122	2111 3232	3252 2232
Za	4323 2323	3322 3212	1101 1012	2222 2331	2211 0132	1002 2222	3433 2222
VD	3322 2323	4423 3222	2122 1112	3222 2233	3222 2222	2223 3232	2333 3223
Eb							
St							
Zy	3332 3222	3423 4300	0231 1110	3322 1310	2333 2110	0022 2210	2232 3122
SF	4323 3323	4313 3322	1233 2313	2331 3331	3233 2332	3023 2323	3343 3231
Tu	4431 2233	4312 2221	2120 0102	2331 3321	2332 1122	2111 2122	4254 2121
Du	3352 3323	3343 3312	4343 2223	2342 3223	2443 2421	3343 3223	2432 2333
Ke	4342 3221	3423 4302	2332 1112	3223 2311	2334 2312	3222 2322	3332 3222
SJ	3321 2332	3203 2211	1111 0123	3321 1221	2222 1231	1012 3332	3251 2231
Ka							
Ho	3322 1112	3312 2111	1100 0011	2111 2123	2221 1111	1011 1222	1232 1121
ZS							
Al	3211 2211	2212 2100	1221 0112	2211 1220	1211 2120	1121 2222	2231 2121
Hu	3221 3432	2201 3320	1011 2211	2121 2320	1222 3310	1001 3221	2132 3231
Ap	2211 1113	3312 2001	2110 0012	2222 2111	1231 1201	2211 1113	3443 1221
Pi	4323 1412	3212 1331	1213 0422	2233 1422	1320 0220	2313 1303	3253 2302
CT	4331 2323	4312 2011	1223 1012	2231 2131	2222 2121	3211 2212	2232 2122
Wa	4333 2432	3322 4111	1120 0121	2221 3321	1222 2221	1121 1232	2232 2221
To	3333 1332	3412 3111	2220 0012	3231 3222	2232 2122	1210 1222	3332 2120
Am	3333 1322	3312 3102	1120 0001	3333 3210	2332 2122	2111 0222	2353 2122

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1946

Obs'y	1	2	3	4	5	6	7	8
Go	3334 4433	3234 4533	1133 5432	2334 5532	2233 4444	5234 5443	4347 7753	5346 7653
Iv								
Co	2221 1222	3123 2111	1012 0010	1233 5310	0022 2123	3336 5221	1136 6641	4346 6533
So								
Le	1232 2221	2112 2322	0112 1111	0222 3311	0012 1233	3222 3221	3134 6654	5423 4435
Do	1101 2221	2102 2211	0011 0110	0232 4200	0000 1134	4223 4220	3135 8743	6434 5437
Me								
Si	2321 1122	3120 0010	1001 0000	0122 3200	0012 1134	3336 5121	1127 7641	5355 5533
Es	1222 2221	2222 2320	1012 1110	0222 3310	0001 2143	3223 4221	3134 6543	4424 5534
Sl								
RS	1222 2221	2223 2220	0011 0200	0332 3300	0002 1143	3323 4320	3125 6543	4434 5534
Ag								
Wi	1111 2221	2111 2110	0011 1110	0111 3210	0001 1243	2213 3210	3123 6542	3324 4545
Ab	2232 3332	3222 3321	1221 2210	1232 4321	0112 3254	3233 4323	3135 6533	4334 5645
Sr	2232 1122	2211 1110	1010 1000	2232 3101	1000 1034	2311 3111	2134 6532	1121 2321
Ni								
KP	2222 3232	2233 2331	1222 2101	2233 4311	2123 2144	3334 4321	4335 6553	4345 4535
Ya	1121 0111	2110 1111	1000 1001	1121 2100	0000 0023	2233 1111	1124 4432	1223 4312
Cn	2231 1123	4221 1131	1011 1000	1232 3210	0010 1155	3333 3112	3135 6532	5444 4444
Za	0011 2032	2201 1010	0001 1000	0022 4300	0002 0044	3324 4221	3224 6443	4234 4534
VD	2222 2222	2222 2112	1121 2111	1233 4211	1121 1144	3323 4211	2135 6443	3335 4533
Eb								
St								
Zy	2232 1122	3122 2100	1211 2200	1333 4200	0022 2144	3444 3321	3235 5441	3245 4533
SF	3122 3232	2222 1221	1110 2210	0132 3220	0221 2354	3333 4321	3233 5542	4345 5434
Tu	2332 1233	3222 1121	1011 2111	1133 3222	0011 1155	4334 3112	2135 5544	5445 5534
Du	3322 2222	2222 2221	1322 2111	1233 4210	0132 1154	3334 4322	3346 6443	3345 5634
Ke	3332 2222	2232 1101	1322 1111	1132 3211	1212 1154	2344 4322	2235 5453	3444 3534
SJ	1111 1112	3011 1010	1000 0000	0122 1000	0000 1054	3222 2011	2135 5422	4325 3433
Ka								
Ho	1001 0112	2001 0100	1001 1000	0022 2110	0110 0042	3323 2111	1134 4321	2234 4434
ZS								
Al	2111 1112	1111 0000	1111 1100	0142 3100	0110 0054	2323 3121	2133 4442	2244 3534
Hu	1211 2332	2001 2221	0001 2210	0121 2310	0001 2243	3211 4121	1124 6531	3323 5733
Ap	3221 1011	2111 0011	2211 1001	2233 2001	1010 1143	3233 3111	2124 4322	3324 3422
Pi	2321 3132	3021 2112	0001 2100	0020 2210	0100 1144	3320 4002	1124 6422	4425 3513
CT	2222 2121	2110 1110	1121 1000	0022 3200	0002 2044	3324 3110	2134 6542	4235 4324
Wa	1221 1011	1111 1110	1111 1011	1222 3100	0111 1133	2324 3212	1135 5442	2244 4434
To	3231 1001	2211 1111	1211 1002	1232 3220	2211 2032	2334 3112	1135 5432	2245 3433
Am	1231 1011	3111 1111	1000 0011	1222 3200	2011 2032	3334 3212	2124 5444	3244 4332

	9	10	11	12	13	14	15	16
Go	4545 6543	2334 5542	3334 5533	2444 6654	3434 6642	3345 5543	3344 5534	3244 5543
Iv								
Co	5555 6632	2112 3521	2335 4210	1236 5553	4445 5221	2352 3222	0233 2121	1235 4223
So								
Le	4432 3433	1112 3421	2223 3321	1322 5455	4333 3321	2222 2231	0122 2221	2223 3346
Do	3422 3422	0011 3421	1223 4332	1333 5655	4423 4321	2221 3132	1132 3332	2133 4347
Me								
Si	4555 4422	2111 2321	2355 3221	1225 5433	3555 4212	2253 2132	0242 2121	1134 3124
Es	3332 3332	1222 3431	2223 3332	1323 5444	3333 4321	2232 2231	1122 3321	1123 3335
Sl								
RS	4322 3322	1111 3421	2223 3231	1332 5544	2433 4310	2222 2231	0222 3320	1133 4345
Ag								
Wi	4422 3323	1111 3431	2213 3222	1223 3544	3323 4221	1231 2331	0121 2221	1113 3344
Ab	4432 4433	1212 3432	2333 3332	1333 5445	3434 4331	1232 2341	0132 3331	1234 4445
Sr	3323 3322	1121 2321	1323 2211	1244 3533	1223 3210	1233 3325	2132 1222	1233 3325
Ni								
KP	4333 3323	3322 2422	2333 3232	2333 5434	3344 4322	2332 3232	1233 3332	2243 4345
Ya	3312 2200	1111 1210	1222 1101	0122 3322	1122 2110	2231 1012	0011 2001	1122 2122
Cn	4553 3222	2112 2332	2343 2223	2433 3334	3434 3221	2241 1131	0232 2232	1123 3245
Za	4432 3423	1212 2422	1223 3221	0133 4434	3333 4221	1230 2020	0021 2200	0033 4244
VD	3442 3312	2222 3421	1333 3222	2233 4524	3344 4111	2332 3321	2233 3221	1133 4345
Eb								
St								
Zy	4333 3321	1232 2420	2244 3221	1343 5533	3444 3211	1322 3111	0223 3322	1233 4335
SF	4433 4333	2122 1332	3333 3243	3344 3335	3434 2221	2133 3331	1221 3331	1023 3334
Tu	5554 3322	2122 2323	3444 3233	2343 3323	3444 3222	2342 1142	0242 3222	2133 2224
Du	4433 4323	2323 3422	3434 3233	2444 4545	3444 4221	2433 2132	0232 3332	2233 3344
Ke	4433 3322	2222 2421	3243 3232	2244 4534	3434 3221	2232 2221	1342 3231	3343 3344
SJ	4433 3232	1021 2231	3322 2122	2334 3234	2322 3222	2121 1131	0132 2111	1123 3222
Ka								
Ho	4333 3212	2111 0012	2223 2122	1343 2124	2333 2111	2131 0022	0112 2222	1113 1233
ZS								
Al	4433 3222	2121 2312	2223 2122	1242 3424	2323 3110	1221 2111	0112 2220	1122 2243
Hu	4332 3432	1111 3431	2322 3332	1232 3333	2333 4331	1122 2231	0121 3321	1122 4333
Ap	4233 3112	2111 1111	2333 2121	2244 2222	2442 1123	2332 1121	0021 2111	2132 2224
Pi	4433 3022	1010 3111	2322 2122	2331 4324	3323 2021	0030 1120	0032 4131	2122 2145
CT	4343 4222	1111 2321	2233 3131	1334 4335	2433 3111	1132 2120	0032 3121	1123 1334
Wa	3322 5323	2111 2421	2233 3221	1234 5543	2334 3211	2121 2111	1121 2120	1123 3244
To	3322 4321	1111 2321	2334 2212	1234 4433	2324 3211	1232 2021	1122 2111	2233 3224
Am	4433 3211	2111 2221	2334 3121	1234 3333	2334 2212	2343 1121	0222 2221	1233 2223

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JUNE 1946--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	3564 4443	4445 6544	5445 7544	4435 5543	4556 4544	4334 3643	3454 3322	2233 2333
Iv								
Co	5452 1222	4435 2544	5476 5633	4333 3221	3454 2232	3312 2332	2233 2110	0111 0122
So			.....					
Le	7541 2223	4223 2545	5334 4433	4323 3331	3333 2333	3222 3341	1133 2211	1122 2122
Do	8641 2123	5222 3546	6433 4544	4323 4331	3333 2344	4222 3331	1022 1110	0001 1022
Me								
Si	5551 1113	4424 1333	5576 6532	4331 2212	3443 1223	3211 2231	2131 1000	0000 0023
Es	5542 3123	3233 3434	4444 5444	3223 4332	2332 3333	3222 3341	1132 2110	0121 1132
Sl								
RS	5542 3223	3232 2444	4444 4443	3223 3321	2342 2233	3222 3341	1131 1110	0221 0022
Ag								
Wi	5332 2123	3133 1333	4433 3433	2222 3321	2332 2233	3112 3331	1131 1110	0111 0111
Ab	5542 4223	3233 3534	4543 5444	3332 4331	2333 3343	3223 4441	1132 2211	0011 2133
Sr	4442 1113	3232 2211	4322 4232	3232 2211	3543 1222	2213 3211	1012 0011	1111 1122
Ni								
KP	5443 3223	4333 3444	4544 4434	3333 4332	3342 3233	3223 4331	1133 3111	1132 3223
Ya	3321 1112	2222 2222	3244 2222	2122 2111	2332 1122	1102 2120	0121 1000	0101 0012
Cn	6642 1223	4423 2344	5444 3343	4321 2233	3443 1343	4212 2233	1032 0011	0101 0133
Za	4432 2123	4322 2444	4444 4433	2322 3221	1232 1222	3202 3220	0121 0000	0001 0023
VD	5443 2123	4333 2434	4345 4333	2233 3321	2333 2223	2223 3331	1232 1211	1222 1122
Eb								
St								
Zy	4433 3312	3333 3334	4454 4333	2333 3320	2443 2233	3324 4433	2343 1100	2312 1022
SF	6554 3223	4221 1334	4543 3334	3232 3321	3432 1333	3121 4431	1132 3300	0011 1233
Tu	6542 1224	4333 2444	4555 3334	4322 2333	3443 1234	3222 3333	2042 0011	1101 0023
Du	4533 3224	3234 2434	4554 5343	3234 3231	2344 3243	2314 4332	1132 1111	2223 3032
Ke	3543 2213	3244 2433	4444 5333	3243 3231	2453 3233	2333 4331	3343 2110	2332 2022
SJ	5521 0112	3222 0143	4433 2232	3212 1011	1343 0221	3102 3230	0021 0100	0101 1042
Ka								
Ho	3321 1213	3223 1123	3344 2123	3111 1111	2431 0123	2102 3221	1022 0111	2101 0222
ZS								
Al	4422 1113	1211 1333	3232 4232	2221 1121	2432 1133	2112 3220	1121 0110	0111 0021
Hu	5322 2232	3211 2442	3333 4443	3212 3321	2332 2332	2212 4441	1021 2120	0101 1131
Ap	4441 1122	3312 1122	3344 3122	3211 2121	2433 0123	2112 2211	1132 1113	2210 0022
Pi	6522 1212	3312 2443	4542 3043	3220 2202	3442 2233	4210 4232	1030 2200	1000 1210
CT	5442 1103	3332 2534	4433 3243	3222 2121	2443 2133	3212 3231	1032 3200	0022 0121
Wa	3331 1112	4222 1343	3354 5343	3221 2121	2433 1243	2112 2121	1122 0000	1211 0011
To	3342 2122	4222 1333	4355 4322	3222 2121	3333 1233	3302 2210	2232 0000	1200 0012
Am	3441 2112	3223 2333	4455 4232	3232 3121	2443 2133	3312 2111	2232 1110	2111 0012

Obs'y	25	26	27	28	29	30
Go	3445 3442	3344 6653	4444 5455	4443 4444	3466 6545	2334 5533
Iv						
Co	3344 1432	2324 5532	2256 4344	2432 2223	3345 7664	1321 2321
So						
Le	2323 3332	1222 4422	2333 3333	2333 3232	2333 4764	2222 3221
Do	2212 2331	2222 4423	1033 3334	2432 4332	2333 5764	3212 3220
Me						
Si	3334 0221	2223 4322	1256 2253	3531 2223	3334 6644	1321 1221
Es	2222 3331	2222 4423	2233 3444	2332 3332	2343 4564	2222 3320
Sl						
RS	2322 2330	1122 4332	2233 3434	2431 4332	2443 4664	2222 3320
Ag						
Wi	1212 2321	1112 4332	1123 3343	1322 3332	2322 4653	1221 2220
Ab	2333 2431	1313 4433	2133 3444	2442 4343	3343 4564	1113 3331
Sr	1033 1324	1112 3212	1234 2143	1321 1123	2213 3454	1232 2112
Ni						
KP	2333 3332	2333 4333	2334 3444	3433 4333	3444 4763	1222 3222
Ya	1232 0211	1212 2222	1123 1132	2321 2122	2232 3443	1110 1010
Cn	2332 1322	2312 2233	1233 2255	3532 2234	3343 4555	1211 1121
Za	2232 1321	0232 4443	2233 2244	2322 3233	2433 3564	2100 2110
VD	2333 2321	1122 4233	2234 3344	2332 4334	3444 4553	1222 2221
Eb						
St						
Zy	1444 2331	1333 4322	3444 3344	1443 3333	3454 4553	1332 2210
SF	2333 2331	2233 3443	2222 3454	3443 2344	4443 4663	1222 2231
Tu	2432 1322	2332 3233	2243 2344	3543 3245	4444 4454	1222 1122
Du	2244 2232	1323 4223	3245 4445	3434 4343	3447 4653	2333 4311
Ke	3243 2231	2332 4222	3255 3333	2453 4333	3443 4553	2213 2111
SJ	1122 0222	1311 3222	2132 1353	2432 3353	3333 3332	0101 1000
Ka						
Ho	2322 0211	2110 3103	1143 1323	2432 3233	4333 3232	1111 1221
ZS						
Al	1222 1221	1221 3222	1122 1334	2542 3232	3432 2552	0221 2110
Hu	1222 2331	1211 4332	1133 3443	2432 4343	3233 4552	1101 3330
Ap	1333 1122	3221 2122	1241 3233	2431 2223	4433 3231	1211 1112
Pi	1311 3331	2330 3203	3430 2354	2240 3133	3333 4455	2103 3230
CT	2353 3321	2202 3232	2133 2344	3332 3233	3343 4554	2111 3111
Wa	2333 1311	1332 3322	2123 1223	2521 2122	2333 4554	1221 1111
To	2234 0211	2221 3222	2244 1232	2431 2112	2343 3565	2311 1111
Am	2344 1222	2222 2212	2244 2233	2421 2122	3333 4443	1211 2111

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1946

Obs'y	1	2	3	4	5	6	7	8
Go	3334 5543	2345 5654	3555 5533	3234 4532	3233 5433	2244 3433	3447 7754	3256 5654
Iv								
Co	1001 3221	1334 4321	2455 5321	0214 4210	1101 1210	2121 3321	3545 5665	5535 3433
So								
Le	1112 2320	1222 1221	2344 2311	1001 2310	0000 2321	1121 3222	2343 3456	6332 4421
Do	0000 3221	1332 2211	2354 3321	0011 3210	1020 3100	0111 2321	1434 4456	6322 4422
Me								
Si	1100 1110	1333 3221	3345 4111	2103 3100	0000 1100	2112 2111	2646 5545	5435 3312
Es	1101 3220	2232 3221	2344 3321	1102 3220	1011 3221	2111 2222	2444 3543	4323 4421
Sl								
RS	1101 3210	1332 3111	2343 3211	0000 3210	0111 2101	1111 1221	1445 4443	3233 4422
Ag								
Wi	0011 2210	0222 2211	2344 3210	0112 3310	1111 3110	1112 2221	1434 3443	3213 4421
Ab	1211 3211	2332 4222	3444 3321	0011 4310	1111 2210	2211 2311	1544 3553	4333 4521
Sr	2112 2110	1122 1112	1232 3223	1211 3210	2220 0101	2121 0211	2554 2455	3334 4423
Ni								
KP	2232 3322	2332 4222	3444 3222	1233 3221	2233 1212	2233 3322	2445 4344	3433 4422
Ya	0111 0000	1211 1012	1223 2111	1101 2110	1001 0100	1111 0101	2344 2334	2222 2301
Ch	1001 1111	1332 2222	3344 3222	2201 1001	1000 1111	2111 2222	3555 3244	3223 3322
Za	0001 1111	1323 3111	2344 3221	1133 3010	0000 2210	2111 1111	3445 3343	3323 4422
VD	1123 3211	1332 3212	2354 3322	2223 3211	1332 2221	1112 2321	1455 4343	4333 4422
Eb								
St								
Zy	1123 2211	4333 3111	3444 3321	2313 3111	2323 1212	2322 1211	3566 4444	2333 4421
SF	1010 3210	2333 3221	3444 3321	1210 3220	0001 2101	2003 3312	2556 3352	5423 3421
Tu	1001 1111	1334 3222	3443 3222	2212 2211	1111 1211	2011 2222	3555 4544	5224 4422
Du	2333 2221	2233 4222	3454 3422	2222 4111	2232 2211	2222 3321	2456 4344	3334 4522
Ke	1111 2211	2233 4211	3354 3321	2343 3110	3232 2212	3031 2222	2456 3444	3234 3421
SJ	0000 0100	0221 1101	2343 2120	0100 0000	0000 1000	1000 0111	1545 3333	2113 3531
Ka								
Ho	0100 0002	1221 2012	2232 2211	2101 2011	1000 0210	1100 0012	2444 2222	3103 3411
ZS								
Al	1111 1100	1111 1101	3243 2210	0210 1000	0110 1000	1111 0121	1555 2322	1114 4411
Hu	0000 1210	0221 2211	2233 3320	0102 2210	0000 2200	1011 2311	1444 3532	3112 4510
Ap	0101 0112	2232 1012	2342 3223	2112 2111	2110 0112	1221 1112	2544 2233	3234 2322
Pi	0000 2020	0321 3121	2243 4121	0200 2010	0100 2100	2001 2102	1544 3454	5434 4420
CT	0023 3110	1232 3201	2343 2210	0122 3110	1012 2100	2113 2121	1445 3554	5333 4321
Wa	0011 1110	1222 2211	2343 2211	1113 3110	1111 1111	1111 1221	1444 2335	2223 3322
To	2110 1110	2232 3201	2244 2212	2203 3000	1310 0201	3321 1211	3555 3243	3223 3300
Am	1100 1222	2233 4212	2244 3222	2203 3112	2210 1112	3111 2222	2444 4343	3224 3212

Obs'y	9	10	11	12	13	14	15	16
Go	7546 4644	4434 4444	3334 5663	3234 5553	3334 5443	3244 4643	3544 5542	3236 6644
Iv								
Co	4334 4522	2223 2333	3343 3332	2353 2221	1013 2111	1235 6532	3524 2221	1125 4523
So								
Le	5323 5632	2223 2333	3322 3333	1212 2211	1112 2311	1122 4543	2422 3221	1124 3334
Do	5423 3432	2223 2323	3433 3333	1121 2210	0002 2201	0222 3533	3421 2211	1114 3433
Me								
Si	4323 3332	3223 1333	3333 2231	2342 2110	0002 2111	0234 7422	3523 2221	1014 3323
Es	4323 3431	2223 2323	3323 3342	1222 2210	0022 2312	1122 4533	3321 2321	1124 3333
Sl								
RS	4323 2332	2312 2333	3323 3433	1122 2110	0012 2212	0121 4523	2431 2210	1114 3432
Ag								
Wi	4323 3332	1113 3322	3212 3333	0112 3200	0022 3311	1112 3422	2321 2211	1014 3423
Ab	4334 3342	2323 2433	3322 3443	1222 2211	0111 3312	1232 4543	2432 2331	1124 3433
Sr	4234 3232	2232 0323	3323 2332	2322 2211	2212 1112	2344 4332	2442 1112	2224 3323
Ni								
KP	4324 3333	3233 2433	3334 4333	2223 2112	1223 2212	1235 4533	2532 2321	2224 3433
Ya	3223 3222	2212 1222	3323 2223	2332 1121	0123 2122	2234 5323	3322 1112	1113 3323
Ch	4334 2343	3113 1323	4432 2333	1221 2121	0112 1112	1234 5433	2422 2222	1014 2433
Za	3224 3332	2113 2432	2323 3232	2220 2100	1122 1102	1112 4433	2333 2210	2214 3423
VD	4335 3333	3333 2423	3333 4333	2132 2211	1222 2112	1133 4433	3532 3211	2235 3423
Eb								
St								
Zy	4435 4333	2213 3423	3333 3323	1333 2111	1312 0111	1344 5423	3443 2211	2325 3432
SF	4224 1343	2222 3433	3322 3442	1121 2130	0101 2313	0222 5542	3532 3321	1234 3433
Tu	5435 2343	3322 2324	3333 2233	2331 2121	0102 1123	1243 5443	4532 1321	2013 3433
Du	4435 3333	2324 3323	3333 3433	1323 2221	1122 2212	2333 5532	3433 2322	2225 3333
Ke	4335 2333	3323 2321	3222 2333	2222 2101	2213 2212	2233 5433	3533 3211	3325 3423
SJ	5334 1132	3102 1322	2223 1231	0010 2210	0001 0011	0133 4422	2421 1220	0013 2322
Ka								
Ho	4234 1232	0203 1202	4212 0112	2130 0211	1002 1212	1222 4322	2442 2001	1003 2212
ZS								
Al	4335 1221	1113 1101	1211 1212	0110 0000	0001 0111	0111 4221	2321 1111	1114 1311
Hu	3324 3442	2102 3322	2222 3441	1211 1220	0001 1211	0122 3642	2421 2331	1003 3432
Ap	2223 1232	2212 1112	2222 1111	1121 0111	1112 1112	2132 4332	2422 1111	1113 2212
Pi	5434 3233	3011 2203	2212 2132	1211 0101	0000 3101	0132 4422	3422 1301	2011 2322
CT	4335 3323	1133 2433	3312 2132	1033 2110	0034 2201	1133 4432	3543 3111	1034 3323
Wa	4234 3232	1112 1422	2322 2122	1121 1111	1112 2111	1233 5411	2431 1211	1114 3422
To	4334 3322	1213 1422	3322 2222	2232 1001	2202 1001	1233 5411	2423 1211	2114 2322
Am	4233 2222	2223 1222	3332 2221	2233 2111	2102 1112	2233 4322	2423 3112	2114 3321

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, JULY 1946--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	4445 6634	3236 6644	4443 4553	3233 4434	3344 5634	4445 5443	4346 7654	2324 5433
Iv								
Co	4335 5212	2224 4663	3457 5422	2200 2112	3322 2322	3423 3322	3235 4232	1211 2111
So								
Le	3332 2323	2223 5655	5423 5323	3211 1222	1321 3433	2322 3334	4224 3322	2110 2220
Do	4332 3322	2224 5665	6433 6433	3200 2202	2202 3413	2313 3334	4215 4322	1002 2111
Me								
Si	4344 4211	2223 3544	4566 6322	2200 0122	3221 1222	3332 3223	3325 4323	1110 2010
Es	2332 3323	2223 5654	4432 5223	3101 1212	2222 3433	2322 3334	3224 4433	0112 2221
Sl								
RS	3332 2313	2224 5645	4433 5332	3221 1111	2322 3423	2323 3323	3235 4322	0111 2111
Ag								
Wi	2222 2223	1113 5645	4323 5333	3100 1111	2212 2323	1311 2324	3114 3322	0112 3211
Ab	3332 3323	2224 5655	4443 5133	3221 2312	2322 3433	3332 3434	3235 4433	1122 3321
Sr	3344 4221	3234 5664	2234 4122	2210 1112	1111 2123	3322 3333	3222 1222	1111 1121
Ni								
KP	3333 3323	3334 5645	4433 5333	3232 2222	1223 3423	2333 3324	3335 4332	1332 3221
Ya	4334 3223	2244 4544	3334 4232	2120 1112	2232 2333	3232 3333	3234 3322	2212 2121
Ch	4344 2322	2213 4444	5544 3122	1200 1123	2222 2324	1422 1233	4324 3334	1112 2112
Za	3323 2213	2214 4544	3323 5223	2200 0001	1111 1223	1122 2224	2225 3222	1123 1021
VD	4433 3323	2335 5645	4434 5233	3232 2222	2232 3323	2334 3323	3336 4332	2222 3121
Eb								
St								
Zy	3444 3223	2434 5554	3434 4232	2322 2212	2333 2333	4433 3333	4445 4433	1322 3221
SF	4233 3213	3323 6655	4443 3123	3212 2210	3222 3323	2322 3334	4334 4433	1232 3322
Tu	4344 3322	2224 4533	5445 4132	3200 1123	2322 2433	3432 2224	4334 3323	2221 2113
Du	2333 3223	2334 5655	4533 5233	3323 3222	2323 3333	2424 3324	3435 4433	2322 3222
Ke	4433 3222	4224 5544	4433 5232	3332 1222	3222 2223	1424 2323	4245 4332	2323 2121
SJ	3232 1211	2113 4443	4333 3010	1100 0113	2222 2323	1411 2233	3223 2432	1101 2112
Ka								
Ho	3343 3132	1013 4432	3334 3122	2200 0222	1211 0112	2221 2112	3224 2221	3211 1221
ZS								
Al	2221 2111	1114 5534	3321 3022	1100 0111	1121 1112	2111 1212	2224 3221	1211 1111
Hu	3222 2321	1113 5552	4323 4321	1200 2321	1211 3522	2311 3442	3224 3432	1102 2311
Ap	3333 3111	2113 3432	3334 3111	2101 0011	1211 1122	2311 2123	2224 2222	2111 1111
Pi	3331 3112	3133 5553	5320 3022	2113 2032	2201 2402	2420 2403	4323 3433	0102 2112
CT	4344 3122	2124 5555	4333 3223	3133 3311	2144 4223	1443 3334	2235 4322	1123 3221
Wa	3332 3222	2224 4544	3233 5233	2211 0021	1122 2212	1311 3332	3324 3221	1222 3121
To	3344 4222	2214 4443	4334 4223	2200 0022	2211 2222	2311 3332	2224 3222	3312 2012
Am	4444 4213	2214 3443	3454 3222	3200 0012	2311 2222	2321 3223	3234 4222	2212 2112

Obs'y	25	26	27	28	29	30	31
Go	3344 4644	4567 7798	7676 6455	3435 6455	5544 5655	6344 6643	6244 3545
Iv							
Co	3345 3333	5445 4486	7875 5333	2324 5454	5567 6853	5535 7522	3221 2221
So							
Le	2332 3434	4333 4377	8996 4333	2222 4434	4554 4644	4534 4531	3133 2322
Do	2223 3534	4434 4479	8877 6433	2423 4434	5655 4655	5544 5631	3222 2312
Me							
Si	3334 2334	4433 3287	9997 6332	3313 4444	5565 6753	5444 6322	4112 2212
Es	1223 2543	3333 3488	9996 5442	1222 4444	4554 4644	4434 4521	3112 2322
Sl							
RS	1323 2533	4434 3487	9996 6433	1222 4333	4555 4654	5444 5521	3113 1321
Ag							
Wi	1213 2432	3424 3388	8995 5421	2222 3444	5544 4643	4433 4531	2111 1322
Ab	2333 2543	3434 3487	8876 5443	1333 5444	5555 4664	5444 4532	3112 2422
Sr	1033 1324	1112 3377	8875 4333	3433 3223	4544 4543	5434 4422	4121 1112
Ni							
KP	2323 2433	4444 4467	8866 4323	2233 3344	4544 4644	5445 5422	3232 3332
Ya	2233 1333	3334 3276	7776 4232	2323 4233	4544 5533	5534 4322	3222 2212
Ch	2234 1444	3332 3387	9985 4333	2222 3344	5643 3544	5543 4433	3212 1112
Za	2233 1332	3344 4476	7785 5322	2111 3333	3544 4553	4334 5411	1112 2211
VD	2333 2433	3445 4377	8886 4332	2333 3234	4544 3543	5434 5322	3231 3322
Eb							
St							
Zy	3344 2433	3445 3397	9887 5323	2342 3334	4544 4644	4445 5423	3213 1212
SF	2233 3333	3333 4388	8655 5433	1130 3233	5543 3565	4334 4421	3112 1213
Tu	3333 1544	5433 2397	8875 3333	4222 3454	5653 4654	5544 3533	3212 2423
Du	3344 2443	3534 3498	8887 5432	3343 4335	3554 4654	5355 4432	2333 2322
Ke	2343 2432	4444 3376	7766 5332	3343 4334	5444 3553	4444 4421	2223 2201
SJ	2321 2553	4422 3377	8764 3222	1111 2123	4543 2533	5533 3222	2101 0001
Ka							
Ho	2223 0342	3222 2277	7654 3333	1110 2233	4433 3433	4333 4222	2000 0111
ZS							
Al	2222 1221	3222 2287	8763 3210	0110 2123	2332 2542	3133 3311	1111 0101
Hu	1222 3642	3422 3476	7764 4432	1112 4433	4433 3653	4423 4431	2101 2300
Ap	3223 1333	4322 1277	8664 3342	2221 2233	2433 3432	4232 3211	2111 1012
Pi	1323 1443	5532 2177	8866 4423	2020 4244	5541 3633	5433 4332	2101 2323
CT	2354 3233	4445 3277	7774 4431	1232 4335	4454 3534	4444 4321	3223 4112
Wa	1223 1222	3323 2277	8775 3221	2232 3133	4543 2543	5435 5312	3211 0101
To	3333 1212	2323 2277	7674 4222	2322 3133	3444 3543	4334 5321	3111 1111
Am	3333 2223	3433 2277	7674 4222	2212 3233	4553 3533	4343 4222	3211 0002

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1946

Obs'y	1	2	3	4	5	6	7	8
Go	4444 5554	4333 4553	3334 2322	1223 4423	2234 4433	3234 5434	3445 5653	2233 3555
Iv								
Co	3211 2221	1102 2221	2211 0110	1110 1111	1121 1122	2124 4321	3433 6552	2210 1232
So								
Le	2222 3221	1212 2222	1222 2211	1112 2221	1212 2222	1112 3222	3322 5642	1111 2232
Do	3201 3221	1211 3222	0212 1020	0101 2120	0002 2211	1003 4221	2423 5652	1001 1232
Me								
Si	3221 2221	1112 1121	1111 0000	1000 0110	1011 1111	2012 3112	3332 5531	2210 0221
Es	2222 3321	1122 2121	0222 2221	1101 2121	0012 2222	1112 4322	2422 4442	2111 1332
Sl								
RS	2222 3321	1212 2121	1223 1200	0111 2210	0013 3222	1112 4112	2323 5453	2111 0223
Ag								
Wi	2111 2210	1222 2121	0122 1210	0112 1110	0123 2211	1221 3311	3322 4352	1112 1231
Ab	2332 3321	1212 3221	1223 3321	1212 2222	1122 2232	1113 4231	3333 4442	2111 1432
Sr	2111 2121	2122 1122	1121 1111	1111 1112	1100 1121	1112 3221	1102 1101	---- ----
Ni								
KP	3322 3322	1332 2222	2223 2211	2223 3221	1334 2222	2123 4222	3333 5453	2221 1323
Ya	2221 2112	2222 1221	2212 1111	2111 1111	2233 2122	3213 3112	3332 4554	2221 1222
Ch	2111 1121	1111 1021	1222 1011	1110 0121	0022 2121	1112 3012	3431 3332	3210 0332
Za	2121 2221	1011 2110	1101 1110	1102 1111	0022 3221	3212 4112	2233 4452	1112 0222
VD	---- ----	---- ----	---- ----	1222 1111	1233 2122	1213 4221	2433 5442	2111 1322
Eb								
St								
Zy	3332 2210	3222 1111	1212 2210	0122 2221	1333 2230	1323 4212	2343 4442	2331 1332
SF	1230 3110	1122 2121	1221 3211	1232 2230	0113 2232	2122 3212	3444 5453	3231 1333
Tu	2121 2222	2201 1122	2211 1121	1111 1122	1022 2123	2113 3222	3332 4433	3220 1333
Du	2333 3222	2333 3232	2343 3322	2322 2332	2233 2232	2324 3222	3343 5452	3322 1332
Ke	2222 3111	1131 2222	2233 2222	2222 2220	1222 2222	1342 3222	3343 4452	3321 1322
SJ	1101 1110	0000 0000	0100 2321	1112 2132	2113 2321	1112 3332	3323 4433	2210 1323
Ka								
Ho	1000 0223	1000 1011	1100 0122	1110 1110	1012 1121	1102 1101	2222 2231	2210 0312
ZS								
Al	1100 1110	0111 0110	0112 1110	1111 1110	1011 1121	1111 1111	2222 4341	2210 1321
Hu	1101 0221	0000 2230	0210 2320	1111 2220	1011 2320	1111 3221	3222 4542	2211 2431
Ap	2010 1112	2210 1023	3122 1122	2111 1211	1122 1242	3122 1123	2232 2231	2210 0312
Pi	2000 3221	0001 1023	0210 2022	1002 2230	0120 1022	1002 3031	3330 4533	2100 3232
CT	1233 1210	0033 3211	0331 3300	1131 3211	0033 3221	1133 3311	3334 5453	2113 3333
Wa	2111 1111	1111 1111	1112 1111	1121 1111	1122 2111	1211 2111	3344 5452	2221 1222
To	2210 1111	2211 1111	1222 0011	2200 1112	2112 2111	1123 2112	2332 5443	2210 0213
Am	1210 1112	3222 1112	2211 0012	3110 0211	3212 1120	2113 2102	3332 4432	2210 0212

	9	10	11	12	13	14	15	16
Go	3234 4653	2224 3544	4446 6544	3343 4544	3233 4333	3465 6555	4336 5544	3234 4444
Iv								
Co	3111 1221	0002 2222	3544 3543	3342 1223	3321 2121	3345 5343	4443 3443	3336 3243
So								
Le	2112 2221	1112 2224	3443 4445	5432 2324	2222 2221	2243 5365	4433 3444	3322 3345
Do	2002 2320	0002 2232	4443 4535	6332 0215	3332 2222	1234 6278	5423 4544	3322 3356
Me								
Si	3100 1110	0001 1123	3443 4323	3242 0222	3231 1121	2358 7334	4333 2333	3335 2243
Es	2112 2231	0012 2232	3443 5434	4332 2324	2222 1232	1344 5356	4323 3444	3222 3344
Sl								
RS	2011 2221	0012 0233	3453 5434	4232 1215	2322 1221	1344 5365	4323 3444	3232 2354
Ag								
Wi	2113 2221	0111 1223	3333 5434	3231 1124	2322 1221	1334 5364	4313 3344	2222 2245
Ab	3112 3231	0113 3333	3443 5444	4232 2325	2322 2232	2354 5466	5434 4534	3333 3454
Sr	---- ----	---- ----	2552 4333	3232 1223	2121 0012	2122 2124	4322 2233	3335 2244
Ni								
KP	2233 2231	1122 2233	3443 5544	4231 1325	3332 1232	2345 5355	4334 3444	3233 3255
Ya	3112 1222	1212 1223	3343 4543	3332 1223	3231 1122	2346 6243	5333 2333	2335 2244
Ch	3112 1122	0001 1233	4443 4343	3231 1224	3231 0143	2355 3245	4523 3333	4332 2244
Za	2112 1231	1001 1133	3343 5543	3320 0233	2122 1121	2334 5344	3213 3443	2222 2254
VD	1243 2222	2312 1222	3334 5543	3231 1224	2232 2232	3345 5354	4334 3432	2333 2255
Eb								
St								
Zy	3223 2221	2222 2333	3354 5433	3331 1123	3332 1232	2344 5343	3434 3442	3334 2344
SF	3122 3321	0011 2332	3453 5434	4222 2214	3220 3232	2344 4346	5333 3433	2133 2255
Tu	3112 1122	1001 1233	3453 4444	4252 1214	3331 1242	3354 3244	5423 3334	4333 2354
Du	3333 2321	1323 2233	3453 5545	4444 3324	3334 2232	2254 6454	5444 3444	3334 3355
Ke	3333 1212	2232 2233	2344 5444	3131 3223	3232 2232	2355 5344	4333 3343	3332 2254
SJ	3002 1222	0001 0112	2343 3323	3231 0112	2221 0032	2244 2234	4313 1232	3222 1153
Ka								
Ho	3102 1212	0001 0211	2443 4223	3141 0113	2220 0132	2243 2133	5312 1122	2223 0232
ZS								
Al	2210 1321	2112 0111	0111 1112	1242 4332	2120 0112	1211 1031	1344 4232	2222 1331
Hu	3102 1321	0001 2331	2342 5442	3231 2322	2210 2332	2233 3443	3212 4542	3220 3443
Ap	2111 1121	1101 1121	3442 3122	4331 1123	2222 2232	2354 4332	4221 1132	1123 1122
Pi	3112 2321	1002 3343	3442 5524	4232 3234	3212 2322	2154 3154	4313 4524	4222 3364
CT	2133 3120	0033 3322	3444 4534	4343 1124	2133 3131	2345 4355	5334 3434	3133 3255
Wa	2111 0221	1111 1122	2342 4443	3232 1114	3221 1131	2355 5344	4223 2443	2324 1154
To	2212 1022	3311 0122	3343 4442	3232 1114	2221 1121	3355 5244	4223 1333	3325 1153
Am	3101 1121	1100 1112	3442 4323	3241 0014	2221 1132	3344 5244	4323 1332	3234 2143

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, AUGUST 1946--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	3346 6434	3233 4333	4324 5333	2323 4333	2234 3323	2222 2221	1223 2221	3233 3432
Iv								
Co	3376 6522	2122 2112	2221 2222	2202 1111	1112 0011	1000 0000	0100 0101	1221 2102
So								
Le	3333 4334	1111 2222	3222 2221	2211 2121	1212 2212	1111 1211	1112 2121	2221 2212
Do	2244 4334	2202 1122	3102 3121	1102 2130	0102 0101	0000 0000	0002 0000	0120 2211
Me								
Si	3476 4422	2032 1122	3211 1121	2302 1011	1111 0000	1100 0001	0000 0000	2220 0121
Es	3333 4334	1011 2223	3212 2221	1221 2221	1002 0112	1001 0211	0102 2122	2221 2221
Sl								
RS	2333 4324	1011 0112	3111 2121	1122 1220	1221 0102	0101 0000	0012 0010	1132 1111
Ag								
Wi	2333 4334	1122 1112	3111 2221	1211 1231	1121 1102	1101 1100	0011 1000	2120 1111
Ab	3334 5435	1112 3223	3122 2322	1333 3222	1232 1212	1111 1110	0112 2121	2332 2312
Sr	1343 3222	2222 1112	3222 2122	2321 2111	1111 0001	1111 0001	1111 0001	1131 2112
Ni								
KP	2334 4434	2222 2223	3222 2222	2222 2231	2222 1112	1222 0210	0112 1211	2232 2222
Ya	2244 4322	2322 2212	3222 2111	2321 1122	2212 1011	2110 0011	1111 1011	2231 2122
Ch	1455 4223	1121 1122	3211 2132	2201 2011	1101 0011	1200 0010	1000 0001	2231 1122
Za	3334 4322	1112 1111	2111 2120	1212 1220	1200 0001	1011 0000	1023 1220	0132 1111
VD	1124 4433	1121 1112	2211 2111	1212 2211	1111 1112	1211 1111	1222 1112	0232 1112
Eb								
St								
Zy	3444 4433	2321 1221	3112 1111	1322 1222	2222 0102	3321 0002	2212 2111	2341 2212
SF	3344 5424	1121 1213	3132 2232	1211 2120	0033 1002	1000 1110	0011 2101	3332 2213
Tu	3454 4323	2121 1122	3222 2222	2310 1111	2111 1112	1100 0000	1000 1000	1241 2123
Du	2535 5334	2233 2333	4233 3232	2324 2232	1223 2222	1333 1121	2433 2222	3443 2223
Ke	2434 3233	2222 3122	3313 1122	2221 2220	2232 2002	1211 2101	2233 2112	2343 2112
SJ	2444 3324	0001 3222	2210 0022	2201 2221	1001 2121	0100 1100	0000 0001	1130 0112
Ka								
Ho	1153 2112	1011 0111	3010 0112	1200 1100	1100 0002	1000 0011	0100 0100	1330 1112
ZS								
Al	1224 2122	1110 0111	2111 1111	1211 1111	0101 0000	0110 0000	0101 1000	0340 1111
Hu	1232 5432	1001 2321	1110 3331	1200 2220	0100 1110	1100 0100	0000 1100	1230 2322
Ap	2343 3231	3111 1011	3211 1011	0121 1012	2100 0023	2100 1113	2110 0112	1231 1023
Pi	2440 4333	1001 3232	3202 3041	2201 3141	0100 2010	0100 2110	0002 3312	1231 2422
CT	1344 5324	0133 3112	3132 3112	1232 3210	1133 3201	1123 3200	1133 3311	3243 4113
Wa	1333 4323	1021 1111	3110 0012	1211 0210	0111 0000	0101 0000	0011 0001	1131 1112
To	2344 4323	2221 0122	2121 1021	2311 0110	1221 1000	1100 0001	2010 0000	3231 2112
Am	3344 3313	2222 1022	3122 1011	2312 1101	1211 0022	2200 0033	3100 0013	3231 2122

Obs'y	25	26	27	28	29	30	31
Go	2123 4433	3343 3232	1234 5333	2313 4432	1122 3333	1012 3343	4554 6442
Iv							
Co	2210 0100	1000 0010	1123 2100	2200 1211	1000 0100	0000 0022	4665 6532
So							
Le	3222 2210	1022 2220	0223 2223	2221 2221	0012 1211	0011 1225	5743 4430
Do	2122 1100	0000 0120	0023 3112	1100 2210	0000 0100	0000 0234	7753 4421
Me							
Si	2200 0100	1000 0010	0222 2001	2200 1120	0000 0000	0000 0023	4864 6321
Es	3223 2220	0022 1220	0133 2222	2212 2220	0111 0102	0101 1234	5653 4431
Sl							
RS	3232 2200	1011 0210	0222 2012	2110 1220	0001 0111	0000 0134	5653 4422
Ag							
Wi	2122 1100	1022 1210	0111 1101	1101 1110	0000 0101	0001 1134	4653 3331
Ab	3332 3321	1233 1221	1333 3123	2222 2321	1132 1312	0112 3235	5654 4422
Sr	1101 0100	1120 0001	2132 2112	1211 0100	---- ----	---- ----	3543 4312
Ni							
KP	2332 2211	1011 2221	2222 2213	2322 3220	1233 1222	2221 2234	4663 4322
Ya	2221 1111	2222 1111	2222 2112	2321 1222	2221 1212	2321 1123	4443 4323
Ch	3210 1011	1000 0020	1321 1013	1100 1130	1110 0011	0000 0035	4663 3333
Za	2210 0000	1001 0010	1012 2102	2100 0120	1001 0211	0000 1133	4553 3221
VD	2233 1111	2233 2111	2232 2112	2112 2221	1221 1311	1112 2234	4553 4311
Eb							
St							
Zy	2332 1121	2332 1121	2223 2111	1321 1120	2011 0221	1121 1134	4544 4422
SF	3213 2221	0013 2330	1231 2122	1120 3320	1000 2311	0000 3335	6554 4432
Tu	3321 1211	2000 0121	1332 2113	2200 1221	2110 0111	0000 0134	5653 4322
Du	2553 2221	1444 1221	2434 3222	2424 3321	1424 2232	1324 2235	5645 3432
Ke	3343 1101	2321 2120	2343 3112	3132 1221	2221 1021	1102 0234	4644 3432
SJ	3311 0100	0000 0020	0111 0001	0100 0210	0000 0000	0000 0034	5552 4322
Ka							
Ho	2211 0112	1000 0111	0221 1011	0100 0021	1000 0011	1000 0134	4662 4222
ZS							
Al	2211 1000	1000 0010	0111 1001	0200 1110	1000 0000	0110 0124	4542 2211
Hu	2110 2310	0000 1230	0111 2211	1100 2331	0000 0210	0001 1344	3432 4542
Ap	4211 0011	1000 0013	3321 1031	3210 0131	2110 0011	3100 0044	6763 4243
Pi	3210 3221	1001 3232	1323 2231	1200 3331	0000 3031	0001 3034	5543 5422
CT	3242 3210	1043 4300	1133 2111	1233 3221	0212 3001	0012 2024	6555 4542
Wa	2212 0000	1222 1111	1221 2112	1211 1121	1110 0211	0000 0124	3554 4321
To	2221 1001	1010 0011	2222 2011	2210 1122	3200 0111	2110 0113	4543 4332
Am	2211 0011	2100 0021	1222 2012	1310 0111	2100 0111	2000 0123	4563 4332

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1946

Obs'y	1	2	3	4	5	6	7	8
Go	1233 5422	3333 3433	3122 4543	3345 5533	3234 5543	3332 3321	1234 6445	3234 5444
Iv								
Co	1012 1222	3230 0120	2113 3422	3358 5422	1246 6521	3200 0000	0244 6322	2244 5232
So								
Le	0012 2211	2231 2233	2212 2323	2233 3334	3233 3333	2322 2100	1133 1334	3222 2322
Do	1002 2111	2021 1030	2102 2324	2233 3325	4023 3323	3320 0000	0034 4233	3212 2233
Me								
Si	1001 2100	3240 0122	2012 1112	3237 5222	1144 4321	2310 0000	0135 6331	2144 3122
Es	1012 2321	2231 2121	2102 2333	2233 3334	3133 3323	3311 2000	~~1034 3333~~	2122 2223
Sl								
RS	0102 1200	1231 1231	2202 2323	2233 3424	3222 3312	2301 0000	0023 4343	3122 2233
Ag								
Wi	0013 3211	1233 2131	2101 2323	1133 3323	3022 2323	2301 1000	0023 3333	1023 1233
Ab	1012 3311	1233 2232	1112 3334	2243 3334	3133 4323	3323 2111	1144 4333	2133 3333
Sr	---- ----	---- ----	2122 2212	2125 4234	2123 3212	2120 2101	2123 2232	1232 2122
Ni								
KP	1212 2211	2333 3333	2323 2323	2233 3424	2233 3423	3311 1111	1233 4343	2233 3234
Ya	2212 2211	2231 0233	2222 2222	2235 4333	3124 4323	2111 0011	2234 4232	2223 4233
Ch	1012 2111	3142 0022	2110 0223	2344 1133	2132 3212	2410 0000	0235 3233	2123 1123
Za	0022 2112	2232 0243	2213 2334	3234 3324	3232 3413	2230 0000	0134 4333	3222 3232
VD	1213 2211	3323 1132	2223 2223	2324 3323	3232 4413	1322 2111	1334 4233	2133 3233
Eb								
St								
Zy	1223 2211	3241 1231	1223 2323	2344 3312	3133 3421	3321 1011	0134 4233	3233 3241
SF	1112 1312	2131 2223	3123 2334	1334 3233	2023 3333	3311 1010	0133 4333	1133 2133
Tu	2011 2112	2241 1123	2111 1214	3345 3223	3133 4322	3420 0001	0243 4232	2133 2232
Du	1223 3322	3232 2242	2223 1334	2444 4424	3333 3433	3222 2121	1344 5433	2343 3233
Ke	2322 3322	2442 1231	2223 1233	3343 3423	1143 3332	2212 2111	2244 4333	2233 3133
SJ	1001 3221	2231 2321	2011 1233	3233 3232	2122 2221	2410 1001	1223 3233	2131 2032
Ka								
Ho	1001 1112	2120 0022	1011 1122	2225 3112	2113 1100	2210 0022	1143 3222	2143 2232
ZS								
Al	1111 1101	2131 0130	0110 1122	1233 1211	1121 2211	2211 0000	1142 3122	1121 1121
Hu	0001 3311	2231 1221	1000 2443	2223 3331	1112 3421	2311 1100	0133 4442	2231 2332
Ap	2012 1131	3231 1122	3111 1232	2344 3223	1023 1222	2111 0111	1143 3111	2143 2112
Pi	1102 1032	3232 4252	2000 3423	3332 3332	3121 3302	2423 3220	0223 3332	2223 3242
CT	2123 2101	1032 3223	2013 3333	3344 4334	2123 3323	2323 1100	1234 4333	1333 3233
Wa	1112 1221	2142 1231	2111 2222	2235 3222	2223 2311	2211 0000	1144 4232	2222 3133
To	3321 1122	3230 0033	4301 1222	3235 4322	3234 3313	3210 0000	2234 4132	2233 3122
Am	2111 1121	2231 1023	2221 2223	3334 4323	3234 3212	3220 1021	1244 4132	2243 3112

	9	10	11	12	13	14	15	16
Go	3244 4543	3234 4435	3236 5533	2235 5433	2333 4433	3234 2233	2233 4433	2234 4555
Iv								
Co	2211 5643	3156 5203	2135 3311	2145 5112	2210 3210	2023 2012	1232 1301	1100 2774
So								
Le	1132 3342	2134 3215	3122 2332	2132 2223	1221 3223	3122 2223	2122 2311	1122 3676
Do	2221 3442	2133 3215	3013 3322	2123 3133	2212 3122	3012 1123	1121 2310	0003 3697
Me								
Si	2211 3333	3155 3212	2124 1222	2143 4211	1200 1121	2032 1111	1131 0211	0000 3553
Es	2222 3332	2134 3214	2222 2332	2133 2223	1231 3222	3012 1123	1121 3311	1112 4464
Sl								
RS	2222 2342	2134 3215	3113 3332	2233 2233	1222 2112	3112 0133	1110 1210	1112 4474
Ag								
Wi	1121 2332	1033 3114	3112 2332	1133 2124	1121 2123	3112 1123	1121 2111	1013 4564
Ab	1222 3342	2244 3315	3233 3333	2134 3323	1333 3223	3123 3223	2132 3312	1123 4564
Sr	2221 3442	2343 4213	2112 3341	1123 2221	3311 2123	2212 1022	2232 1222	2212 3565
Ni								
KP	3332 3452	3244 3234	3223 3333	2233 3233	2331 3223	3233 2233	2322 2321	2222 4564
Ya	2211 2442	3243 4124	2222 3333	2234 4222	2321 2122	3122 1123	1231 1312	1211 3465
Ch	3312 3333	2144 2124	2123 2233	2142 2223	2411 1222	2022 0132	1221 1332	2112 3454
Za	2222 2452	3244 3334	3223 3433	2243 3333	1122 2223	4223 2223	2233 2221	2212 3564
VD	2221 2451	1343 3224	2223 2332	2233 3323	2333 2123	2333 2213	2422 2311	1323 4564
Eb								
St								
Zy	3322 3442	3244 4223	2433 3332	3243 4223	3321 2123	1122 1112	2321 1313	2222 4454
SF	2320 2342	2034 3315	2323 3332	2223 3211	1301 3223	3210 2233	0132 2311	2112 4654
Tu	3321 3443	2144 3234	2223 2333	2142 3133	2321 2232	3032 1133	1231 2312	1111 3555
Du	2433 3443	2355 4324	2234 3332	2245 2333	2333 3222	3333 2223	2343 2322	2333 4465
Ke	3321 3452	2354 3222	1433 2342	2343 2233	2321 2121	2112 1112	1333 2311	1222 4555
SJ	3311 1333	2033 2213	0212 2222	1122 2221	1201 2012	1011 1112	1120 1121	0000 4554
Ka								
Ho	2311 1332	2133 2113	1213 2022	1112 2223	2310 0123	2112 1122	1120 0111	2101 3454
ZS								
Al	1311 2241	1132 1112	1322 1232	2321 1122	1211 1110	1111 1101	1110 1210	0111 4654
Hu	2311 4452	2123 3312	2212 3432	1222 3331	1212 3331	2121 2222	1122 3421	1102 5654
Ap	3211 1331	1233 2014	1222 1232	2132 2112	1411 1023	2112 1023	2020 0111	2211 3344
Pi	3301 2522	2123 0003	3303 3333	0220 3233	1202 4343	3122 3331	1220 0221	2301 4655
CT	2332 4453	2244 4225	3323 2333	1233 3223	1323 2102	2032 2223	0343 3210	1433 4665
Wa	2321 2352	3244 4223	2223 2332	2233 3122	1311 1121	1111 1021	2221 0221	1111 3455
To	2311 2442	2244 4113	1223 3232	3343 3113	3310 1113	2112 1012	3330 0311	3200 3454
Am	3311 2442	3155 4213	2324 3232	2233 3122	3320 3113	3222 2122	2231 0122	2211 3454

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, SEPTEMBER 1946--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	5443 3344	6454 5554	6535 6634	4344 4443	5335 5555	6768 9976	7765 5554	6435 5432
Iv								
Co	4425 4324	5577 7773	5446 6623	3244 2322	2215 4532	3768 9755	6786 7865	5346 5221
So								
Le	6532 2356	7666 6686	6733 7723	3232 2332	3113 3434	5999 9775	7775 6757	5533 3311
Do	8422 2348	9876 6796	6833 9734	4232 1332	3213 3545	5997 8986	8987 6968	5434 3320
Me								
Si	4425 3213	7798 9864	6656 8723	3233 0222	2112 2433	3889 9955	7897 8965	5345 4220
Es	5422 2355	7755 6674	5633 6523	3132 1332	3113 3544	3888 9965	6665 5856	4333 3310
Sl								
RS	5421 1346	7656 5684	5633 7533	3242 1332	4112 2544	3879 9865	6666 5756	4433 2310
Ag								
Wi	5311 2345	6654 5664	4523 5533	4132 3232	4112 2544	3778 9775	6564 6746	5333 2310
Ab	5432 2456	6655 6564	5534 5533	3233 2332	4113 3644	3779 9865	7665 5656	4334 3320
Sr	---- ----	---- ----	4443 6532	2331 0232	---- ----	---- ----	---- ----	2334 3322
Ni								
KP	4322 2456	6546 5674	6644 6543	3232 3232	3223 3544	3769 9875	6556 7746	4333 3322
Ya	3323 2333	4566 7774	3434 8533	3232 1222	1213 2554	3578 7855	5575 5777	4334 3221
Ch	6422 1236	6777 6655	5544 5433	2243 0222	3112 2544	4779 9965	6784 6656	5433 3221
Za	4322 1444	4546 5654	4543 6553	3233 2232	3222 2544	4767 8765	5555 6656	4423 2310
VD	4421 2443	6557 7764	5534 5533	2323 2232	3323 2634	4769 9855	6555 7756	4333 3321
Eb								
St								
Zy	4333 2343	4665 5436	5434 7633	4232 1232	2112 2554	4779 9875	6564 4755	4444 3321
SF	5333 2347	7653 5655	5643 1424	4222 4532	4101 3654	4776 7766	7664 5745	4333 3310
Tu	5433 2234	6666 6554	5645 6544	3233 0132	2112 2545	3779 9855	7774 5645	4433 3211
Du	5433 2345	7655 6765	4434 6643	3243 2233	2333 3634	3778 9654	5345 5755	5344 3432
Ke	3332 2435	7545 6764	5435 6533	3233 2233	2112 3654	3768 8765	6645 5755	5333 3321
SJ	4411 0224	7564 5455	5533 4322	1120 0121	1001 1435	3657 8755	5653 5545	4222 3210
Ka								
Ho	3333 1224	7546 5544	5525 4323	2232 0212	1102 1433	2767 8644	6564 4533	2243 2311
ZS								
Al	3321 1334	7544 5653	3322 5321	1220 0111	1201 1643	1757 9964	6643 4644	4111 2310
Hu	4312 2435	6655 6664	5533 6632	2221 2442	1002 3653	3557 9964	5553 6654	3213 3420
Ap	4322 1324	7646 5543	5524 4333	3332 1222	2112 1133	2867 8744	6553 5443	3443 2233
Pi	5422 2245	7664 5553	5544 3542	3221 2031	2103 2535	3768 8845	6654 5555	4223 3321
CT	5433 2346	6555 6565	5544 4534	4233 2331	3023 5554	5667 8756	6665 6756	4423 3310
Wa	3332 2335	6556 6764	4434 8443	3132 1132	2213 2544	2778 9964	6665 5765	4334 3221
To	4333 2334	5566 7663	3534 7423	3233 1122	2113 2433	3679 9645	6664 6754	4323 4344
Am	4335 2233	5576 6654	4535 5423	4233 1232	2223 3334	3668 8646	6565 5754	4333 2222

Obs'y	25	26	27	28	29	30
Go	2234 4443	3234 5633	3355 5654	3553 4554	4333 5443	4455 5543
Iv						
Co	0002 2111	0035 4411	2256 5653	3666 6864	4343 6542	4456 5443
So						
Le	1122 2322	1122 2212	3343 3665	4554 6787	7522 4554	4543 3353
Do	0122 2220	0211 2212	2233 3776	5654 6868	8423 4666	4433 3463
Me						
Si	0001 1011	0033 2201	2156 5553	3687 8865	5343 5442	3557 5333
Es	1122 1211	1122 2212	2243 3554	3454 4867	7312 4443	4433 3443
Sl						
RS	0122 1221	1122 2202	2243 3655	4444 4777	7322 3554	4443 3464
Ag						
Wi	1012 2121	1102 1113	1133 2665	3454 5766	5312 3544	4442 3563
Ab	1122 1211	1122 2213	3343 3664	4454 4766	7323 4544	4443 4453
Sr	2112 1112	2223 2212	2345 3543	4454 5655	2345 3532	2343 3343
Ni						
KP	1222 2221	2222 2202	3343 3665	5544 5757	5223 4554	4334 3653
Ya	1111 2212	2122 1212	3245 4654	3445 7777	5322 4434	3335 4452
Ch	2111 1021	0213 2222	3244 3444	4555 5556	6421 2333	5545 3242
Za	0001 1011	1101 1201	2223 3665	4343 6656	4232 4556	5333 3553
VD	2322 2112	1232 2211	3343 3664	4444 6755	5332 4565	3444 4553
Eb						
St						
Zy	1211 1111	1323 2311	4354 4654	4455 7765	5432 4555	3435 3543
SF	0011 0111	1101 3201	3242 3554	4454 4657	7433 4354	3354 3553
Tu	2011 1011	0023 2213	3345 4554	5555 6534	5532 3334	5544 4443
Du	2333 3332	1334 3222	2365 3655	3454 4765	5233 4554	3444 4453
Ke	2223 2220	1122 3311	2354 3555	3455 6665	5533 4543	2433 3453
SJ	0000 0000	0011 1102	2122 3345	4454 4334	5221 1231	3533 2232
Ka						
Ho	0101 0011	0112 1112	3144 3333	3444 5433	4321 2222	3334 3232
ZS						
Al	0011 0010	0102 1101	2233 3554	2442 5664	4321 2343	2212 2341
Hu	0000 1211	0112 3312	2122 5553	4444 5655	4221 3442	3422 3432
Ap	3111 1132	2123 1242	4144 3343	4554 5343	3321 3243	3434 3232
Pi	1010 3232	1000 4222	2323 3455	4454 4555	6521 2323	4541 3333
CT	0133 3100	0233 3311	1354 3545	3455 5665	6433 4343	2333 3432
Wa	0111 1121	1112 2212	2234 4654	3454 7665	4342 4443	3425 2542
To	1321 2112	2322 2111	3354 3544	3455 6555	4432 4333	3334 4432
Am	3121 1132	3223 2232	4344 4443	3555 6654	4432 3334	4434 3332

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1946

Obs'y	1	2	3	4	5	6	7	8
Go	3345 5543	2444 6442	5444 4532	3334 3431	1333 5532	3334 3334	3233 4331	1123 3232
Iv								
Co	2376 5530	2243 6330	2342 5510	1154 4421	1124 6631	2365 2222	2236 6610	1100 0111
So								
Le	2132 3242	1222 3222	3332 3311	3322 2332	1322 4341	2322 2244	3222 3322	1111 1121
Do	3233 3452	1222 3210	3322 2301	3322 3322	1222 5550	2312 2244	3221 3321	1200 0111
Me								
Si	3366 5431	2342 5320	1430 4410	1343 2320	0233 6520	1255 2122	1047 5520	1100 0121
Es	3233 2342	1231 3223	3332 2200	2322 2322	0322 3441	2332 2243	2323 2321	1112 0112
Sl								
RS	3233 3352	1331 3222	3331 2301	3322 2323	1322 3450	2323 1343	3223 3321	1200 0011
Ag								
Wi	3123 3342	0221 2223	3321 3311	2212 2321	1311 3451	2323 1254	2213 3311	1111 1122
Ab	3343 2442	1243 3323	3443 3311	3332 3321	1333 3441	2343 2344	3333 3332	1121 1222
Sr	2233 2232	2222 3332	1211 3311	2211 2111	1222 4211	---- ----	---- ----	1210 0111
Ni								
KP	3233 3343	1333 4221	3332 3321	2222 2322	2233 3341	2322 1243	3343 2320	2232 1122
Ya	2254 4332	2222 4322	2221 3412	2223 3422	2112 4442	3233 2344	3325 4421	2211 0122
Ch	4344 2322	1431 3211	3441 2211	3333 1222	0322 3432	4433 2233	3244 3221	1200 0122
Za	1232 4342	1233 5331	2310 3501	1222 2522	1122 4351	1234 2442	2224 4321	1201 0012
VD	3333 3243	2332 3322	2422 3521	2322 3422	2322 4451	2343 3353	3344 4321	2323 3121
Eb								
St								
Zy	2243 3331	1332 4321	2432 3431	3223 2422	1323 5431	3244 2354	2423 4431	3321 1233
SF	3243 2131	0232 3232	3333 4300	3312 3333	1323 4331	2334 3234	2333 3222	---- ----
Tu	3354 3332	2432 3322	2431 2321	3333 2232	2322 3432	3333 3234	3234 4232	2320 0233
Du	3444 3442	1243 3322	3524 4422	2334 2332	2433 5552	2345 3354	2234 3432	1323 2223
Ke	2444 3432	2233 3222	3433 4402	2323 1222	2323 5442	2234 2343	2224 3422	2331 1123
SJ	3223 1230	0221 3200	2420 1100	3212 1211	1010 3231	2222 2233	3222 2222	2200 2323
Ka								
Ho	1231 3232	1321 3111	1221 2321	2232 2221	0321 4230	2232 1123	2222 3222	2210 0233
ZS								
Al	2123 1221	0121 2111	1111 3301	1112 1221	1112 4441	1121 1132	1111 1311	1311 1122
Hu	3222 3442	1221 4421	2321 3411	2112 3432	1222 4542	2332 4333	3221 4442	2211 2333
Ap	2332 3222	1221 3132	3321 1131	3122 2222	2222 4242	3231 1223	1222 3122	2210 0243
Pi	3222 3311	0220 0331	2422 1010	3212 2131	1121 3322	2332 3343	4221 4321	2321 2023
CT	2334 3332	2232 4322	2334 4320	1234 3332	0233 4441	2343 3343	2344 3332	2332 3323
Wa	2223 4332	1232 4321	1221 3411	2123 2421	2223 5341	2234 2244	2224 3321	2211 0223
To	2343 4322	2432 3222	3231 3411	2323 3321	1323 5441	2324 2133	3224 4321	3321 0123
Am	3344 4321	3332 3322	2231 3322	3233 3232	2223 4331	2244 1133	3223 4322	3310 0123

	9	10	11	12	13	14	15	16
Go	3435 4436	4334 5333	3234 4332	5663 3223	5123 2222	2233 3322	2223 4432	3144 5323
Iv								
Co	3556 5344	4245 4233	3312 5422	2550 1221	2300 1012	2042 1221	0024 2122	1152 0011
So								
Le	2343 3236	4122 2143	3211 2232	3331 1113	3121 1112	2122 2121	0012 2113	2122 2133
Do	2333 3226	3122 2144	2221 3332	3311 0012	3001 0000	1010 1021	0002 2012	0012 2233
Me								
Si	2666 4333	2114 2121	2200 3221	2430 0112	1101 0000	1032 0110	0013 1121	1034 2112
Es	3343 3235	3123 3144	2221 2232	3331 2213	3111 1002	2022 2221	0122 2112	1023 2223
Sl								
RS	3344 2234	3122 2144	3222 2232	3331 0113	3001 0001	1121 2121	0012 2112	1023 2033
Ag								
Wi	3343 3134	3112 2144	2212 2333	3231 1013	3111 1001	1121 1121	0011 1113	1111 1133
Ab	3344 3234	3133 3244	3222 3332	3342 2113	3032 2112	2133 3322	0033 2123	1123 2233
Sr	2444 3223	2222 3232	2211 2221	2231 0112	2222 1102	2232 2212	1223 2122	1223 1221
Ni								
KP	2334 3224	3132 2143	3232 2233	3333 2022	3122 2202	2021 1212	3122 2112	1223 2324
Ya	3445 4124	2223 3233	3211 4322	2331 0112	2120 1111	2132 1322	2223 2122	2123 2233
Ch	3454 3235	2022 2133	3311 3122	4330 0112	3111 0112	1021 1122	0023 1122	1133 2123
Za	1244 3244	3232 2143	3211 1232	2331 1022	2100 0001	1221 1121	0033 2012	1012 2233
VD	3434 3234	2333 3243	3321 3332	3432 3222	2322 3111	2432 2222	2323 3212	2323 2333
Eb								
St								
Zy	4444 3234	2133 3233	1211 3321	2220 0011	3121 0102	1232 2321	2223 2120	3123 2322
SF	---- ----	---- ----	2211 3122	3342 1014	4121 1203	3033 1321	0003 1113	1123 2133
Tu	3554 3324	2023 3233	2221 3233	3330 1123	3111 0002	2031 2222	0123 2123	2233 3223
Du	3444 4334	3133 3344	2323 3332	3522 2222	2323 2222	2343 2332	1234 2223	2233 2244
Ke	3444 3223	3023 3133	2222 3322	3442 1122	2221 0002	2332 1321	2223 2122	2323 2223
SJ	4444 2334	2012 1232	2212 1332	3320 0011	1100 0001	0020 1111	0021 0112	0122 1103
Ka								
Ho	4444 2234	2123 1222	2200 1121	2231 0123	1111 0011	1121 1212	0111 1022	1120 0012
ZS								
Al	2443 2123	1122 2122	1211 2221	1221 1111	1111 0101	1121 1121	0112 2111	0112 1122
Hu	3343 4443	2112 3333	2202 4331	2310 2322	2001 2322	1022 3331	1113 3332	0113 4332
Ap	4544 2124	2122 1222	2211 1132	3430 0023	1221 0032	2031 0221	1222 1122	1221 0013
Pi	4442 3234	1102 4242	2202 4221	2322 3321	2110 4123	1022 4243	0002 3014	1213 4242
CT	3344 3234	2233 3133	3223 3321	3343 4322	2233 3212	1142 3111	1234 4122	1223 3133
Wa	4545 4234	2123 2242	2211 3322	3331 1121	1121 1001	2122 1321	0123 1113	1223 2222
To	3444 3124	2233 2223	2222 3212	3331 1123	3231 0112	3332 1321	3233 1112	3333 1212
Am	4544 3324	3223 3233	2311 2223	2330 1122	3221 0023	2231 1223	1224 1123	2333 1212

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, OCTOBER 1946--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	1133 2221	1012 2212	2222 3333	3344 5443	3233 2322	1123 3321	3233 4321	3113 4322
Iv								
Co	1145 4222	1000 1112	1113 1222	3555 4343	2212 1122	1123 5111	0023 3300	0003 5200
So								
Le	0111 1111	1101 1102	1111 1235	4332 2233	2111 1121	1011 2112	3222 2202	1111 2212
Do	0000 0010	0100 1002	0001 1135	4332 2333	2100 1221	0001 2001	2112 1001	0002 2112
Me								
Si	0020 0000	1000 0010	0001 0222	2444 2232	1011 0221	1022 3020	1233 2201	1002 4211
Es	0011 1010	2001 0102	0101 2234	3332 3333	2111 1232	1021 2111	2222 2201	1002 2222
Sl								
RS	0010 1000	0100 0002	1111 0124	3433 3243	2111 1122	0021 1001	2222 3202	1012 3212
Ag								
Wi	1111 1011	0001 1112	1101 1134	4332 2233	2101 1132	1111 1021	2111 2212	1011 2112
Ab	1122 2111	2111 1103	1122 1334	4433 3343	3122 1333	1132 3111	3222 3312	1023 3122
Sr	1221 0002	2310 1011	1211 0123	2333 3222	1211 1221	2222 1101	1232 3200	---- ----
Ni								
KP	4143 3121	2122 1003	2223 3233	3333 3343	3223 2322	1333 2121	2133 2212	2012 3222
Ya	2121 0111	3111 0011	1111 0224	4434 2233	2121 1222	2123 3111	2222 3202	2212 4212
Ch	0130 0121	2100 0012	1101 1134	4333 3343	3111 1233	2132 1111	1332 1111	1011 2121
Za	1121 1011	1101 0012	1122 2142	4333 2234	2212 1232	2111 2110	2122 3211	1102 4122
VD	2331 2111	2322 3212	2322 3333	3433 3243	3333 3222	3332 3211	3332 3211	2332 4222
Eb								
St								
Zy	1210 0121	2111 1111	1111 1234	3335 3454	2211 1333	2132 3110	1232 3101	1112 4220
SF	0121 1110	2032 2313	2133 3234	3333 3244	2223 2333	2223 3210	2243 3201	1022 3122
Tu	2130 0012	2100 0112	1102 2235	5443 4343	2211 1233	3233 3221	1322 2211	1112 3212
Du	2222 2222	2222 1112	1223 2233	4434 3353	2222 2343	3333 3222	2333 2312	1232 3332
Ke	2231 1011	2222 1012	1321 2223	3433 3343	2222 1333	3132 3211	2322 2211	2223 3211
SJ	0120 0011	1000 0000	0000 0224	3332 2342	2001 1233	2110 0100	0222 1001	0001 1110
Ka								
Ho	1120 0021	2100 0001	0101 0134	1332 2243	2100 0133	3122 2111	0121 1011	1101 2122
ZS								
Al	1110 1111	2110 0000	0111 1123	3433 3242	2111 1232	2121 1100	1211 1100	0111 2111
Hu	1121 2321	1002 3231	1121 3454	3333 5563	2001 2443	2122 2431	1222 3320	0112 3431
Ap	2221 1041	1110 1131	1211 1125	3433 2243	3111 1234	3122 2142	3222 2211	3102 3132
Pi	0120 4223	2000 3222	0201 2225	4433 3443	1103 4143	3120 4322	1111 3112	0101 3223
CT	1224 3121	2231 3312	1244 3334	3434 3343	1343 3233	3333 2211	2234 2221	1343 4322
Wa	1220 1011	2210 0011	1211 1123	3444 3343	1111 1222	3332 2111	1232 3111	1112 4211
To	3220 1011	3221 0011	1211 1124	4554 3343	3322 1223	3332 2113	3331 3222	2313 4123
Am	2333 0212	3210 0122	1212 1123	4544 3343	2221 1223	2322 3113	4332 2222	3212 3112

Obs'y	25	26	27	28	29	30	31
Go	3223 2322	3343 5433	5434 4435	5233 4332	3423 3323	3133 3312	1144 4343
Iv							
Co	2134 0311	3356 4434	4577 6622	1154 4411	1125 4311	1125 2210	2045 7652
So							
Le	3121 1223	3432 3247	8633 4454	4222 2322	3222 2133	1121 1110	0022 3443
Do	2101 1224	4432 3257	7534 5554	3122 1401	3302 1133	1011 0100	0003 4443
Me							
Si	2144 0101	2355 4334	5698 7532	2343 2220	2124 2121	1123 0200	0033 6431
Es	3121 2223	3423 3336	6543 4344	3122 1312	3312 2133	0121 0100	0022 3332
Sl							
RS	2213 1223	3432 2346	6543 5545	2222 2321	3212 2133	1021 1100	0023 3433
Ag							
Wi	2122 1333	4333 3345	6533 4544	2112 2431	3211 2142	1011 1200	0022 4544
Ab	3132 3223	3433 3346	6544 4454	2233 2322	3333 3334	1132 1211	0133 4443
Sr	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----
Ni							
KP	2222 1334	4233 3446	5434 5644	3233 3433	2323 3234	1122 1201	0123 5534
Ya	1122 1333	3234 2335	5336 6633	2233 3421	2214 3232	2112 2200	1132 6532
Ch	3133 2112	3433 2225	5544 4435	5333 2111	3323 1113	0131 0200	0033 4433
Za	1122 0324	4343 3446	6445 5634	3122 2435	2113 2234	1020 1100	0022 5424
VD	2232 2333	3333 3445	6445 5543	2232 2422	2213 2233	1122 1211	1132 6523
Eb							
St							
Zy	1132 1312	3134 3344	5334 5423	3232 3321	3324 3332	1032 1200	1143 5433
SF	1033 1322	3444 4447	6544 3555	3322 2322	3113 2324	1112 1310	0034 4423
Tu	2143 2213	3444 3334	5655 5533	3343 2212	3222 2132	1222 0200	0133 3532
Du	2233 2333	3344 4346	6454 4643	2333 3412	3233 3333	2322 2322	1244 5433
Ke	2222 1322	2233 3235	5443 4632	3232 2312	2213 1222	1121 0211	2243 4322
SJ	2022 1101	2422 2234	4453 3423	1211 1211	2002 1112	0011 0101	0023 3422
Ka							
Ho	2121 0112	2134 2224	5543 3323	0130 2112	1112 1112	1002 0000	1032 3321
ZS							
Al	1111 1101	1232 3235	5422 4421	1112 1310	1112 1121	0111 0100	0133 4311
Hu	1022 3321	2323 4433	3333 5633	2211 2320	2212 2331	1112 2300	0022 5532
Ap	3122 1222	3334 2225	5443 2243	2221 2232	2222 1131	2212 0032	0032 2223
Pi	2210 4334	3333 4155	5443 3404	3311 4024	3221 2333	0211 3213	0023 0434
CT	2342 2432	3354 4436	5455 4453	3233 3321	2443 3333	0231 2220	1354 5423
Wa	1112 1322	2233 3335	5435 5524	2132 2311	1114 2221	1121 1101	1133 5432
To	3232 1313	3354 3335	5545 5534	3332 3322	3214 2112	2132 1212	2233 5432
Am	3233 1212	3254 3324	4535 4334	3333 2223	3223 2223	1232 1113	2233 4333

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1946

Obs'y	1	2	3	4	5	6	7	8
Go	2333 4335	3143 3223	4233 3312	3113 3323	1234 5532	2344 5433	3333 3321	1013 3322
Iv								
Co	4457 6643	1256 5111	1021 2112	1115 4211	1255 4221	2247 6633	3322 2321	1114 5111
So								
Le	3333 4545	2231 2133	3120 1112	2012 2112	1123 3222	2233 4434	3321 2111	1012 2113
Do	4313 5636	2132 2032	3120 1102	2002 1112	0114 3232	1222 3522	4211 1100	0001 1122
Me								
Si	3256 6533	0044 3110	0030 1001	0003 3110	0124 3230	1246 6522	2200 0110	0001 2111
Es	3333 3434	1232 2133	2120 1112	2012 1212	0224 3332	2223 3324	3211 2111	0002 2123
Sl								
RS	3333 3445	1132 2133	2120 1002	2012 1012	0124 3232	2223 4433	3321 1110	0012 2023
Ag								
Wi	3223 3445	1031 2132	2121 1101	2012 2111	0113 3333	2213 4324	2211 1100	1011 1113
Ab	4333 3445	1243 2133	2221 1112	2123 2212	1234 3433	2224 4424	4322 2211	1112 3123
Sr	---- ----	---- ----	---- ----	0102 2112	2124 3332	1234 4533	2211 1211	1000 2011
Ni								
KP	3334 3444	2232 2233	2122 2222	1123 2122	1224 4332	2224 4433	3322 2210	1123 3133
Ya	2245 4544	1222 3132	1110 1102	2113 3112	1123 3222	2235 5424	3211 1221	1111 2133
Ch	5545 3223	1141 2112	2030 2101	1003 2112	0123 3333	3335 5423	3411 1110	1001 2113
Za	1234 4554	2231 2232	2120 0101	2000 1112	2120 1211	2233 4443	4232 0001	1212 2122
VD	3234 4444	1222 2131	1111 1112	1113 1122	1213 3332	2234 5434	3321 1211	1221 2122
Eb								
St								
Zy	2114 3343	3213 1212	3121 2201	0203 1223	3324 4443	4345 4411	3221 1311	1121 2110
SF	3344 4444	1232 3113	3112 1111	1002 3343	0214 4014	2355 4314	4321 2110	1022 2113
Tu	3445 3345	2143 1112	1130 1211	1013 2123	1334 4343	3444 5424	4311 2211	1011 1223
Du	2334 3535	2233 3232	2212 3223	2323 3223	2324 4443	3345 5534	3232 2222	2222 3222
Ke	2334 3434	3332 2232	3231 1101	2213 2123	2333 3343	3345 5423	2221 1101	2222 3122
SJ	3433 3334	0130 0121	1020 0001	1002 2222	0125 4343	3323 4413	2200 1210	0000 1222
Ka								
Ho	1224 3423	1232 2011	2110 0112	2002 1123	1124 3343	3333 2323	2200 0100	1000 0012
ZS								
Al	1123 2214	0121 1121	0110 1110	0101 1111	0224 3342	2325 4312	1111 1100	0111 1111
Hu	2224 5532	1221 3320	1110 3312	1002 4332	0113 5553	3324 7653	3101 3421	0011 3432
Ap	3234 3322	2243 2111	1211 1131	1201 1124	1324 3242	3343 3323	1211 0032	2110 1023
Pi	2333 3333	1133 3132	2111 3202	2111 0224	2224 4444	4333 4403	3203 4202	0010 4424
CT	3344 4444	1333 3122	2343 2121	1133 2123	2334 4343	3344 5334	3343 3120	0333 3213
Wa	2224 3423	2333 2122	1110 1101	1103 2122	0234 4343	3234 4423	2321 1311	1111 2112
To	2334 4423	1343 2012	2221 0111	2223 2123	3334 4333	3344 4334	4321 0212	2311 3013
Am	2234 4434	2333 3111	3221 1102	2113 2113	2334 4233	4344 4423	4421 1222	3212 3012

Obs'y	9	10	11	12	13	14	15	16
Go	3223 4322	5312 4343	6524 4333	6433 4331	1123 3322	1013 3332	1245 6534	3423 3324
Iv								
Co	3125 4212	1111 1233	2334 2111	2442 2332	1002 1111	0001 3100	0034 4532	3344 3222
So								
Le	3222 2214	3211 2243	4422 2243	4432 2231	1111 1223	1111 1112	0032 3344	4331 2134
Do	3212 2114	2111 1144	3413 1134	4422 2340	0111 1123	0000 1003	0043 3344	5430 3134
Me								
Si	2103 2112	2101 1133	3342 1111	1542 1321	0011 1111	0001 2211	0033 2332	2333 3222
Es	3112 2213	3211 2243	3323 2233	4432 2331	1111 2223	0002 2112	0043 3334	3332 2233
Sl								
RS	3223 3213	3121 2244	4423 1144	4432 2241	1111 1123	0110 1002	0043 3344	4331 2144
Ag								
Wi	3103 2113	2110 1144	4423 2144	4422 1241	1111 1123	1012 1112	0033 3334	4222 2134
Ab	3223 3213	3122 2244	4533 1144	4422 2341	1122 2333	1121 3222	1043 3344	4332 3234
Sr	2113 3112	3211 2242	3422 1122	3322 1221	1111 1112	1101 2111	1133 3433	1214 3133
Ni								
KP	3223 3213	3122 2255	5434 1233	3333 2341	2222 2134	1112 2113	0243 3343	4332 2244
Ya	2112 3113	3111 2342	3323 1122	3321 1332	2111 1123	1121 3211	1133 3433	2323 2233
Ch	2222 2123	3102 2233	5533 2123	3432 2321	1011 1122	0000 2111	0043 3333	4442 2123
Za	2342 2322	2122 2023	2133 2234	3333 2442	1100 0333	0002 2112	1142 4444	4221 0144
VD	3222 3223	3221 1254	5433 2223	3333 2341	1222 1133	1222 2111	1233 3334	3332 1133
Eb								
St								
Zy	0132 3122	2221 1333	3323 2233	1221 1220	1211 1122	1111 2000	2022 2222	1223 1221
SF	2113 2213	4211 2344	5535 3223	4432 2322	1112 1122	0001 2112	0032 3344	4333 1234
Tu	3122 2234	3211 1234	5443 2334	4442 2433	1121 1223	1001 2212	0054 3433	3433 1223
Du	3222 3323	3121 2353	3334 2324	3523 2342	1233 2222	1122 3223	2244 3334	4342 3334
Ke	2232 3223	3211 1143	2334 2233	3412 2241	3323 1122	1122 3111	2243 4333	2332 2334
SJ	2111 2122	2100 1222	3333 1322	2321 0310	0000 0022	0000 0101	0032 3233	3332 1322
Ka								
Ho	2122 1223	3011 1122	4333 1123	3411 0121	1110 0122	2100 1111	1043 2123	2312 2111
ZS								
Al	1111 2112	1111 1231	1223 1122	2421 1131	2311 1111	1111 2111	0143 3222	1321 1122
Hu	2112 4432	2112 3444	3324 3433	3222 3541	0112 3442	0002 3331	1033 5643	3322 3322
Ap	2212 1133	3111 1133	4223 1122	4531 1122	1211 1012	1111 1031	3143 2123	3323 1222
Pi	2213 3124	2111 4264	3334 4342	3340 3403	1103 4243	1102 3142	1041 4443	3432 3332
CT	2333 2223	3332 3344	3445 3333	3355 4331	1333 3323	2343 3212	0343 4334	3443 3323
Wa	2122 2213	3211 2233	3224 2233	3422 2332	4211 1123	1113 2112	0153 3223	3432 2133
To	3222 2223	3221 3333	4434 1123	4441 1323	3411 2122	2311 2112	1153 3333	3433 2133
Am	3223 2234	4222 2342	3334 2223	3532 2333	3321 2133	1212 3232	3243 4333	3423 3124

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, NOVEMBER 1946--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	1411 2322	3123 3312	3343 3324	2333 4432	4234 4334	3434 3321	3333 3312	1444 5431
Iv								
Co	1101 0101	2113 2100	2346 4324	2211 6222	1126 4332	3354 3410	1225 5111	0455 7532
So								
Le	2211 1213	3111 1103	3232 2245	3322 3332	3123 4324	3332 2422	3221 2110	1333 4311
Do	1200 1103	2001 1103	4112 2236	2312 3232	3133 5334	4322 1422	2211 1000	1433 5321
Me								
Si	1200 0111	1023 0000	2444 2323	2210 4332	2127 5322	2543 2311	2334 3111	0345 8422
Es	1211 1213	2101 1203	3232 2334	3322 3333	3234 4233	3332 2412	3222 1110	1333 5321
Sl								
RS	1310 0114	2101 1103	4232 2234	3312 3332	3234 4334	4233 1422	3211 1000	1433 5410
Ag								
Wi	1201 2232	2111 1103	4122 2234	3203 3332	2233 4345	3223 2521	3111 2001	1333 5310
Ab	1222 2123	3111 1213	3243 2345	3323 4343	4234 4234	4342 2422	3222 2211	1433 6321
Sr	1211 1122	2112 2211	2225 2334	1211 4232	3125 5234	4342 2321	1113 3101	1233 5521
Ni								
KP	2311 2224	3122 2202	3233 3344	2332 4243	3234 5444	3223 1423	2222 2100	1333 5422
Ya	1211 0213	2212 2112	3225 3433	2212 5332	3225 6444	2232 2322	2222 3111	1333 5411
Ch	2300 1112	2112 2002	3333 2224	2322 3333	4434 4223	4532 1412	3333 2100	0434 6222
Za	1110 0114	3122 1201	4232 2444	2212 4254	3245 6444	3222 2522	1122 3100	0332 5510
VD	2221 1113	2222 1101	3233 3334	2332 4344	3335 5433	2341 1421	2232 3100	1332 5511
Eb								
St								
Zy	1111 1102	1112 1101	3134 1223	2222 4223	3223 4332	1222 1210	1112 2100	0233 4310
SF	1210 1222	3113 2114	2232 3355	1333 4343	5345 1333	3342 2402	2232 3201	1435 5431
Tu	2301 1222	2122 2012	2334 3334	3323 3334	4334 4343	3442 2422	3323 3211	1544 5422
Du	1332 2234	2223 2223	3354 3445	3214 4444	5345 5435	3242 3422	2232 3222	2445 6533
Ke	1211 2223	2223 2212	3244 3434	2233 4334	4346 5434	2232 2412	2232 3210	1445 6531
SJ	1101 2211	0013 2212	2233 2224	1123 3433	4244 4233	3321 2301	2222 1100	0433 6321
Ka								
Ho	1100 1011	1212 1112	2114 1123	1312 4334	5333 2223	2331 0111	1102 2001	1434 5222
ZS								
Al	1111 1112	1112 1101	2113 2314	1213 3324	4345 4223	2111 1311	2112 1111	1534 6411
Hu	1201 3442	1102 3321	1222 5534	2212 4664	4334 5532	2212 3432	2221 4421	1434 8542
Ap	2101 2222	2221 1133	4224 1233	2332 4334	5335 3122	3221 0132	3311 2123	3434 5233
Pi	1213 3333	2204 3134	2232 4354	3223 4444	5344 4324	3110 4331	2213 4033	2534 6412
CT	1323 3322	2233 3113	3234 3345	2343 4344	5455 4333	3333 3412	2333 3210	1555 6422
Wa	1111 2112	1222 2102	2134 2325	2323 5322	4345 5333	2222 1312	1112 3112	1544 6322
To	2311 1013	2222 1213	3234 1334	2323 5323	4355 4233	2332 1312	2312 3012	2544 5222
Am	2211 1123	3322 1122	3323 2234	2433 4333	4445 4333	3332 2333	3222 3222	3544 5222

Obs'y	25	26	27	28	29	30
Go	2334 4434	4533 3211	3212 1211	1133 3321	1112 2222	2022 2222
Iv						
Co	1245 5643	3200 1200	1011 0010	0012 1010	0000 0000	1001 0000
So						
Le	1222 3453	3311 2310	1010 0100	1111 1111	0011 1002	2001 2112
Do	1323 2453	3321 2400	0000 0000	0000 0010	0000 0000	1000 1003
Me						
Si	1244 5632	2301 0110	0010 0000	0021 0010	0000 0000	0001 1000
Es	1323 2453	3321 2310	1001 0100	1022 2111	1000 1001	1000 2002
Sl						
RS	1322 2553	3320 2310	1000 0000	0000 0011	0000 0000	1000 2003
Ag						
Wi	1222 3553	3322 2310	1011 0000	0011 1011	0000 1001	1000 1002
Ab	1333 3454	3321 2311	1011 1110	1122 2111	1021 1112	1011 2112
Sr	1223 5443	2211 1311	1100 0011	1121 1111	1100 1101	1100 2111
Ni						
KP	1333 3543	2321 2300	0111 1100	1212 2211	1210 1012	2012 1023
Ya	2233 5443	2311 2311	1201 1111	0111 2001	1100 1100	0101 1111
Ch	1324 3433	4410 1210	1000 0000	0230 1001	1000 0001	1001 2101
Za	1232 4454	3221 2300	0001 1010	0010 1122	1101 1102	1111 2123
VD	2443 4553	3331 1311	1121 1111	1121 1111	1231 1001	1232 2213
Eb						
St						
Zy	1232 3322	2211 1310	1011 0000	0020 1100	1010 0000	1111 2100
SF	2323 3454	3433 3221	1002 0000	1022 1111	1012 1110	1022 2112
Tu	2323 4333	3321 1222	1111 0001	0121 1111	1000 0011	0001 2200
Du	2444 3453	2322 3421	2232 2221	2242 3222	2232 2232	1231 2222
Ke	2444 4442	2332 3311	1222 1111	2131 2222	3120 1011	1221 2212
SJ	1223 3432	2201 2200	0000 0000	0021 1011	2000 0000	0000 1100
Ka						
Ho	2332 3322	3200 0201	1000 0011	0021 0012	1100 0011	0100 2100
ZS						
Al	2222 3341	1311 1311	0001 0010	0121 1111	2110 1000	1100 2111
Hu	2223 6543	2112 3321	0000 0311	0111 2332	1001 2111	0000 4311
Ap	3232 3334	3311 1232	3312 0013	2221 1112	1110 0021	2110 2032
Pi	2323 3313	2222 1332	0114 2332	1113 3323	2002 4243	0003 2314
CT	2334 4453	3443 3310	1233 3201	1232 2211	1232 2211	1332 3302
Wa	3334 4443	2321 2311	1001 0101	1021 1111	1110 1001	1011 3112
To	3433 4433	3421 2321	1111 0011	1231 2102	2221 1013	2330 3111
Am	3433 4333	3311 1222	3311 1122	3331 2133	3321 0022	2211 2111

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1946

Obs'y	1	2	3	4	5	6	7	8
Go	1211 2323	3112 3323	3332 2210	1322 2221	1233 4433	1322 3322	4432 3331	2533 3221
Iv								
Co	0000 0211	1011 4311	3224 3200	0020 3100	1035 5511	1220 1011	3330 0431	1204 1000
So								
Le	1100 1223	3111 2223	4312 2111	1221 1121	1122 2322	2211 2123	2321 1222	2322 1121
Do	1000 1223	2100 1123	4211 0000	0000 0021	0122 2323	2200 1023	2320 1322	2311 1010
Me								
Si	0000 0321	1031 3211	2223 2100	0130 2111	0123 3311	2221 1021	2321 1321	1213 1010
Es	1000 1223	3010 2213	4312 1200	0110 1222	1213 3333	2211 1122	2321 1322	2312 1100
Sl								
RS	1000 0333	3011 2233	4221 1110	0111 0021	1212 2423	2111 2123	2331 1322	2412 1010
Ag								
Wi	1000 1334	1001 3324	4211 1110	1111 1221	1112 2323	2211 2123	3211 1332	3312 1011
Ab	1111 1333	3111 3324	4323 1311	1112 1232	2213 3333	2212 2123	3331 2322	2313 1111
Sr	1100 0333	1111 2333	3223 2111	1121 2211	1234 3422	2211 1112	1221 1331	1213 1111
Ni								
KP	2101 1333	1111 3233	4323 2211	1201 1222	1223 3434	3222 2214	2222 1322	1223 0121
Ya	1110 1333	1101 3333	3212 2111	1121 2221	1133 4433	2211 1112	3321 1332	1323 1001
Cn	1000 1222	2231 2112	4222 1010	0220 1122	1223 2232	2321 2122	3431 2221	3412 1000
Za	2111 2333	2222 2333	4322 2311	2222 2222	1223 3544	3222 2123	2432 1532	2422 1112
VD	2332 1333	2232 3223	4233 2211	1332 1111	1333 3434	2331 2123	2331 1421	2323 1111
Eb								
St								
Zy	0110 2222	1110 2222	2111 1110	1110 1111	1222 2312	1121 1011	2221 0321	1221 1011
SF	1000 2431	0012 4322	4311 1310	0011 1332	3323 2333	3230 1223	2322 0432	1422 2111
Tu	1000 2231	3121 2222	3233 1111	1220 1132	2233 2333	3321 1123	4431 1322	2312 1101
Du	1232 3434	2332 3323	3333 3221	1231 2333	3343 4433	3222 3223	3432 2333	2333 2222
Ke	2332 1333	2332 3333	3333 3111	1222 2333	3344 3322	3232 2223	2341 1332	2323 1111
SJ	0001 1331	1101 0222	2001 1000	0111 1232	3222 2332	2321 2323	2321 2421	2212 0210
Ka								
Ho	0100 0121	1000 2123	2101 0011	1010 1232	2122 2232	2200 1012	2220 0112	3212 0111
ZS								
Al	1110 1322	2211 2122	1211 2111	1111 1222	2122 3321	2311 2112	1321 1221	2212 1111
Hu	0000 3443	2112 4433	2102 2221	1111 3332	2223 4643	2201 3332	2211 3543	1201 2321
Ap	2300 1122	3211 1012	3221 0011	3211 1242	3122 2222	2321 1133	4432 1122	3322 2121
Pi	0115 0413	2213 1133	2223 1013	0103 3222	2221 4423	2323 0233	2334 2532	1213 3330
CT	0322 3332	2333 3322	3323 4210	1343 4332	2333 3432	3344 2222	2334 4432	2333 3221
Wa	1110 2222	1111 2123	3112 1112	2121 1223	2233 3421	3211 2123	3321 1323	3312 1112
To	2221 1323	3222 2223	3323 1202	3231 1223	3443 3332	3322 1123	3332 1333	3432 2113
Am	3310 2223	4322 2123	3323 2222	3321 1232	3343 3433	2421 1234	4331 2333	4412 2132

Obs'y	9	10	11	12	13	14	15	16
Go	3223 2223	3233 3322	2123 4343	5223 3324	3134 3320	0011 2111	0112 2211	3123 2222
Iv								
Co	1010 1101	1005 5521	1014 4333	2105 4531	1131 4410	0000 0000	0002 2000	0011 0001
So								
Le	1111 1131	2112 2323	2111 2344	3213 3433	2222 2221	0011 1100	1001 1101	1011 1123
Do	1001 0030	1002 2413	2112 2355	3102 3433	2121 2220	0000 0000	0000 0000	0000 0023
Me								
Si	0111 1010	1114 4422	1013 3332	1104 4311	1042 3211	0100 0000	0002 1010	0021 1111
Es	1111 0131	1013 2323	1112 2244	3113 3323	2122 2210	0000 0000	0001 2100	1010 1023
Sl								
RS	1111 0131	2112 2423	2112 3354	3213 2433	3121 2220	0000 0000	0001 0000	1001 1023
Ag								
Wi	1111 1231	2113 2424	2101 3344	2113 4433	2111 3110	0001 1000	0001 1100	1001 1013
Ab	1111 1131	2113 2433	1113 2354	3213 3433	2122 3311	1011 2101	0012 2101	1111 1123
Sr	1110 2231	1114 5322	1124 3354	2224 4432	1222 3211	1211 1100	1111 2123	1123 3322
Ni								
KP	1010 1200	2012 2323	1012 3354	3023 3433	2122 3221	1012 1100	0001 1010	0011 2122
Ya	2211 2221	1113 4422	1112 3344	2113 4333	1221 4321	1110 0111	1112 1121	1100 0213
Cn	1000 0121	2112 2323	1113 3333	3104 3322	1131 2122	0100 0200	0001 1011	1010 1113
Za	2222 2231	2222 3433	2223 2354	4324 3433	3232 3322	1220 2010	0112 0010	2112 1133
VD	1321 1221	2213 3423	2213 3354	3113 3433	1121 3321	1222 1111	1122 1111	1111 1223
Eb								
St								
Zy	1112 1111	1122 3222	1112 2232	2113 3212	1120 2200	0010 0000	0010 1100	1111 0112
SF	1031 3131	2112 4433	1033 3354	3024 1423	2022 3311	0001 3111	0010 1110	1021 3223
Tu	1111 0211	1023 3333	2113 2354	2103 3322	2232 2221	0100 0101	1001 1011	1000 1112
Du	2222 2131	2434 3434	2333 3454	3325 3434	2342 2322	1331 2121	2242 3222	1243 4234
Ke	1221 2221	1333 3433	1333 3453	2325 3433	2232 3322	2331 2011	1122 2111	0132 1223
SJ	0012 2210	2013 3222	1113 2343	2001 3321	0122 2321	0001 2000	0001 2131	1002 0223
Ka								
Ho	0100 1122	0123 2123	2102 2232	1103 2212	0120 2210	1100 0000	1101 0001	1000 0122
ZS								
Al	1111 1110	1122 2322	2213 2343	2114 2322	1121 1221	0111 1111	1111 1111	1111 1112
Hu	1001 2431	1122 5543	2113 5543	1002 3542	1111 4322	0010 2200	0002 2221	0001 2322
Ap	2211 2033	4113 2132	2222 2224	3311 2122	2121 2123	3411 1121	2201 0222	2310 1123
Pi	2112 2240	1222 5343	2203 4452	2113 3333	2133 0212	0104 2303	0104 3323	0104 1324
CT	1333 3211	2333 3433	2333 4353	3334 4323	2443 3322	2344 4201	1233 4211	1332 3212
Wa	2111 1111	1122 2222	3223 2443	2113 3422	2121 3211	1121 1001	1121 1111	2021 1114
To	3221 1223	4323 3423	3333 3334	2323 2323	3331 3313	1221 1013	2221 1122	2231 1123
Am	4321 2233	2223 3333	3223 3233	4323 4233	4331 2222	3222 1222	1222 2221	2221 2223

"Interpolated

TABLE 4--THREE-HOUR-RANGE INDICES, K, DECEMBER 1946--concluded

Obs'y	17	18	19	20	21	22	23	24
Go	2122 2212	2232 3211	2444 3331	1222 1112	2234 3313	4453 3221	1223 3322	2222 3210
Iv								
Co	1255 5100	0231 3200	1144 7641	1112 2000	0036 4400	2266 5211	0234 5111	2210 1100
So								
Le	2221 2123	3211 2111	2233 3641	2211 1100	1123 2212	3232 2211	0112 1222	2211 1101
Do	2111 1123	3210 1010	2233 4750	1201 0000	0023 2203	2222 1211	0212 2212	2210 1000
Me								
Si	1243 3100	1130 1110	1245 7541	0111 1000	0135 3301	2344 3220	0133 4100	1310 1100
Es	2222 2113	2221 2121	3243 4531	2210 1100	0134 2202	2332 2211	0222 3112	2211 2100
Sl								
RS	2121 2023	3111 1010	2233 3640	2201 0001	0034 2202	2332 2310	0222 2211	2211 1001
Ag								
Wi	2112 2123	3111 2021	2232 5541	1311 1000	1234 3213	2232 3311	0222 3112	2211 2101
Ab	2232 2123	3221 2221	3243 4541	1311 2201	1134 3312	3332 3311	0123 3223	2211 2111
Sr	2223 4132	1122 3201	1135 5531	1101 1111	1124 3243	3224 3321	1121 4311	2210 1100
Ni								
KP	2113 3123	3222 2121	2234 4542	1222 2111	2134 2213	3232 3311	1323 3222	3121 1101
Ya	2223 4112	2121 2110	2234 5432	2212 1210	1224 3211	2223 3321	0222 4111	2120 2101
Ch	2123 1111	2121 1121	2334 5331	2210 0000	1124 3212	3333 3221	0333 3111	2310 1001
Za	2222 4224	3221 2122	2334 5642	2222 0002	1144 3323	2333 3422	1223 3232	2222 2201
VD	1213 3123	2222 1221	2233 5551	1211 2112	1224 2312	3333 3311	1212 3222	2221 1211
Eb								
St								
Zy	1122 2111	1110 2010	2132 4331	1112 0001	1123 2111	2212 2210	1232 2111	1110 1100
SF	2223 3123	3343 2222	3344 5441	2210 1200	0034 3402	2233 3322	1322 3123	2122 2221
Tu	3233 3212	2231 2133	3343 5323	3211 0111	1134 3212	2343 3322	1333 3213	3321 1111
Du	2343 2323	2322 2232	3253 5542	2232 2221	2245 3322	3334 4421	1434 4222	2331 1222
Ke	2343 4223	2222 3222	3253 4431	2322 1111	1244 3312	3432 3312	2442 3212	2311 2112
SJ	2123 1321	3232 2222	3323 4531	2100 1100	0014 2201	2322 2200	0322 1202	1200 0000
Ka								
Ho	2122 3001	2111 2122	3243 4221	4200 0021	1122 2112	2332 2011	1322 3112	1010 0111
ZS								
Al	2222 2112	1121 2122	4343 3321	2211 1001	1134 3211	1312 2211	1422 2211	1211 1111
Hu	2112 2321	2121 3332	3324 4552	2101 1210	1124 5423	2223 3422	1222 3312	1211 3321
Ap	4322 3024	4331 2123	4353 4222	3100 0021	3222 3232	3322 2221	3321 3012	4121 0122
Pi	2222 3332	3243 0232	4323 0331	3203 2001	0223 3223	2334 3503	2433 1222	2224 3013
CT	2444 4323	2333 3322	3345 5442	3332 3101	1245 4202	2343 3311	1443 3212	1324 3221
Wa	3233 3111	2121 2222	3244 4421	2211 0011	2134 3212	2323 2211	1432 3212	1321 1211
To	2343 3110	2232 2223	3444 4433	2321 0012	3243 3213	4423 2212	2542 4223	3231 2212
Am	4343 3223	2332 1232	3444 5432	3322 1123	3334 3323	4433 2323	3443 4233	3231 1213

Obs'y	25	26	27	28	29	30	31
Go	2212 2234	2323 3322	2323 3333	4323 3321	2223 2221	1112 1210	3212 2221
Iv							
Co	0112 0023	1125 5531	1343 2221	3243 4200	0132 4111	0000 0000	0010 3200
So							
Le	2200 2134	2222 3232	3321 2143	3311 2111	1221 2212	1001 1000	2111 1113
Do	1000 1034	1222 3321	1321 1154	4211 2111	1010 1312	0000 0000	2000 0103
Me							
Si	0012 0044	1124 4421	0342 1122	2233 3101	1032 3210	0100 0000	0022 3220
Es	2110 1134	1123 2222	2321 2043	3122 2111	1222 2212	1111 1010	2101 2112
Sl							
RS	1100 1034	1123 2321	2322 2053	4211 2111	1211 2311	0000 0000	2100 1103
Ag							
Wi	1111 2034	2123 3332	3322 1143	3211 3111	0111 2312	0111 1100	2101 2113
Ab	2211 2144	2123 2332	2332 2143	3211 2111	1121 1311	0102 1110	2111 2212
Sr	1112 2133	1113 4422	2222 3233	1233 3112	1123 4311	1101 1111	1001 2211
Ni							
KP	1112 1145	1123 3322	2323 2244	3222 3111	2122 2311	1112 1111	2200 2112
Ya	1111 1233	1223 4322	1122 1143	2222 3121	2221 2311	1111 0111	2111 2211
Ch	1111 0035	1224 2312	2432 2123	3132 2100	2130 2100	0200 0000	1110 0110
Za	2212 2245	2234 4333	3222 2245	3233 4221	2222 2322	0010 0000	2212 2212
VD	2211 1134	2223 4322	3222 1243	2221 3111	1121 3111	1122 2212	1211 2112
Eb							
St							
Zy	1110 1133	1223 3221	1111 0132	1121 2110	1111 2210	1110 0110	1201 2111
SF	2012 1135	2224 1222	1222 1133	3222 3310	1221 2111	1212 1111	2022 3210
Tu	1121 1134	3124 3421	3442 1133	3142 2222	2221 2211	1110 0111	1121 1221
Du	2322 2155	2335 2432	3222 2252	3322 3222	1232 2322	2231 2121	2231 1223
Ke	2231 1244	2335 3422	2222 1142	2331 2121	1222 3312	1112 1121	2232 3222
SJ	0000 0034	0021 1100	1321 2113	2012 2210	2112 2320	0001 2320	1112 3211
Ka							
Ho	1110 0034	1114 2310	1230 0022	1131 1101	1131 1212	1100 0101	1101 1010
ZS							
Al	1111 1134	1224 3311	1212 1141	1111 1111	1111 2211	1111 1111	1211 1111
Hu	0111 3355	0113 3521	1222 3432	2101 3321	1111 3221	1001 2320	0101 2320
Ap	2111 1023	3313 2202	2222 0012	1321 0013	2221 1021	2311 0211	3100 1123
Pi	0203 2146	1133 2333	1333 3244	2122 0203	1221 0233	2012 1203	2223 2123
CT	2443 3145	2433 3322	2444 4233	3332 3211	1122 3222	1233 2210	1233 3210
Wa	1111 1135	2233 3321	1232 2243	2121 3111	1221 2212	1111 1111	0122 1111
To	3321 1134	2333 3323	2332 2233	3322 2212	3321 2201	2311 0122	2321 2121
Am	3331 1144	3334 4322	3332 1132	3232 2113	3221 3212	2211 1222	2232 2122

"Interpolated

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1940 AND 1941

Obs'y	1940	1	2	3	4	5	6	7	8
Du	Aug	3423 2232	2333 3342	2343 4653	3334 2133	3323 3334	2423 3244	2344 3321	2344 2312
	Sep	4254 5421	1333 3333	5442 4333	3323 3333	3323 3232	2222 3223	4354 4324	2334 4322
	Oct	3333 3562	2333 3333	2333 3353	3322 1311	2322 3212	2233 4325	4355 5375	5433 3345
	Nov	1344 4221	2233 1111	2234 2221	1132 5454	4233 3232	1222 2332	1144 4122	2132 2111
	Dec	2234 3242	2324 3545	2224 4535	2222 3441	3222 3322	2211 2222	1111 1011	0112 1122
		9	10	11	12	13	14	15	16
Du	Aug	2345 4463	2332 3222	2323 3243	3333 2112	1332 3322	2223 3212	2443 3211	1233 122-
	Sep	4224 3344	1232 2111	1221 2222	1232 3222	1221 2321	2333 3364	2423 3342	2333 5521
	Oct	3222 2122	1113 3233	1122 2224	4223 3323	2222 2121	1111 1122	2333 3332	1132 3352
	Nov	2233 3431	1111 1111	1112 1012	2134 4556	4454 5532	3223 4334	2333 2334	4322 3543
	Dec	2234 4223	2233 2532	2233 1223	3222 2432	3233 2333	2124 4432	2223 4444	3133 3322
		17	18	19	20	21	22	23	24
Du	Aug	--2- 2222	-333 3553	3143 4432	3443 3332	2332 3323	2234 3332	2234 2232	1233 1111
	Sep	1132 3221	1133 2222	2222 2222	1233 3423	2333 3432	2324 4342	2111 2111	2211 1133
	Oct	2222 2224	3242 2244	3244 4243	2223 2223	2224 3444	2244 4221	1232 1120	1121 2211
	Nov	2311 2554	2222 2123	2133 2232	2222 3333	3354 4334	3345 5355	3353 5231	1122 2234
	Dec	1122 3234	3223 3311	2232 3223	3236 5755	3444 4454	2343 5521	2134 3452	2223 3333
		25	26	27	28	29	30	31	
Du	Aug	1211 2233	2234 3345	3333 2322	3333 3232	3133 3211	2233 3222	2233 2223	
	Sep	3333 3445	1121 2665	5333 2353	3454 3553	2233 4221	1111 3243		
	Oct	1113 4455	3334 6544	3333 4442	2222 3352	2221 2211	2222 2121	1222 2321	
	Nov	2125 7654	3443 4422	2133 3432	1122 3213	2444 6545	3323 3333		
	Dec	2343 4423	1323 3242	2232 4322	2233 3333	3323 2344	2365 5454	4542 4552	
	1941	1	2	3	4	5	6	7	8
N1	Apr	3102 1223	3201 3224	3311 2343	2111 0013	2011 1114	3310 1113	0002 3355	4112 2233
	May	0002 2333	1200 2212	1211 1133	1333 2323	2011 3210	1213 2130	1200 1112	0002 2332
	Jun	3331 3223	2100 0100	1112 2110	2110 0112	1102 1222	1204 3221	1111 2201	0123 2310
	Jul	3322 2113	3321 2111	2211 3423	1433 3355	6588 9856	3223 6544	6532 3553	1223 4341
	Aug	1122 2243	5433 5423	2332 2424	5644 7666	6312 3343	2342 2434	4323 2323	2112 1221
	Sep	3333 3443	3233 2333	3211 1122	2111 1112	0101 0111	0001 0222	0323 5445	3222 2233
	Oct	2221 2132	1110 1134	3111 1222	2012 1113	2212 1211	2112 1222	2111 1211	4321 1333
	Nov	6653 6531	1000 0243	3200 2203	3222 1112	1212 2455	3334 5665	4223 3443	3332 4452
	Dec	3255 6656	4523 3431	1101 1354	3223 3243	1221 2344	3312 2312	1321 1232	2110 2324
P1	Jul	4420 3013	3221 2200	1202 4412	1521 3444	5568 7666	4431 3344	4440 3343	1330 2130
	Aug	1000 3243	5332 4334	2432 1343	4654 5265	5423 1333	2331 2244	5533 3423	2211 1121
	Sep	3234 2313	3211 0103	2200 1020	0200 1211	0112 0000	0000 1010	0443 4334	3333 1133
	Oct	1203 2010	0001 2033	3001 2132	2120 0014	2133 2221	2111 1122	2212 1220	3231 3301
	Nov	6352 2310	2100 3232	3310 1103	3200 0112	2101 3545	4423 5524	4220 3313	4330 2100
	Dec	2246 6505	3324 1322	0223 4445	5233 2253	2212 1454	4414 3401	0211 0202	0213 1003
		9	10	11	12	13	14	15	16
N1	Apr	3433 3322	2232 2555	3332 3333	3323 3322	4111 1112	1211 0100	0002 3223	3103 3211
	May	2222 1123	4213 3322	3111 1001	1211 2112	4222 3320	1212 2313	3112 1222	4333 3412
	Jun	1114 3222	3233 6534	5333 2442	2312 3332	1355 5333	5432 3234	3443 4332	2111 1012
	Jul	1103 4344	3322 2445	2222 2110	2122 3112	1013 2211	0110 1123	1112 3222	2323 4432
	Aug	1112 2112	2000 0012	3122 3232	2312 2213	2222 2323	2322 2221	3111 2110	0001 2231
	Sep	3221 2225	3221 1231	2211 3223	2212 1100	0022 5545	4342 3435	5333 3365	5423 2244
	Oct	1311 3132	0111 2243	3333 3566	6433 2423	3222 1332	2112 3413	3322 2243	3421 3454
	Nov	2213 3533	3313 5534	5323 2443	2222 1234	1102 1322	2111 1223	1000 1212	1101 0223
	Dec	1112 3224	2211 2302	0100 1110	0101 2321	2122 3443	5424 5455	3322 2214	4522 1112
P1	Jul	0102 2245	3230 3355	3430 2100	0030 3001	1002 1100	0101 0101	1010 3122	2331 3313
	Aug	0000 2121	2001 0013	2030 2241	2100 1013	3211 3202	2311 1021	3000 2100	2001 2101
	Sep	4203 0311	3212 3322	2220 2313	2202 1101	0034 3414	4333 2124	3422 4455	4313 3343
	Oct	1201 3142	0211 3352	3353 3535	4330 3203	2100 0110	1202 2323	3211 0133	1212 1124
	Nov	1221 2222	3203 1504	3313 3413	2321 0221	1201 3313	2103 3313	0000 2033	2201 4124
	Dec	0214 0022	0321 1030	0210 0220	0222 1112	3223 0321	3322 2344	3301 2322	4430 2012
		17	18	19	20	21	22	23	24
N1	Apr	1122 2322	4113 4235	3533 3344	3222 3233	3211 3230	0110 1222	1001 1121	1145 5665
	May	1433 4223	1312 2233	1201 0021	0101 1202	2223 2455	4423 4353	3233 4244	3433 3233
	Jun	1213 3453	4322 3430	1102 2333	3443 3334	3332 3222	3122 3233	2112 2222	1112 2333
	Jul	3222 2332	3121 2231	3301 2223	2212 3333	3454 3352	3323 4423	3323 4323	3322 3332
	Aug	2101 0111	1012 2333	4323 3333	2110 0212	3122 2332	2001 1132	0110 0012	2222 2232
	Sep	2142 3432	2677 8989	8865 3563	5336 5321	2523 4410	1121 1111	1122 3533	4333 4355
	Oct	1012 2222	1111 1231	3221 2422	1111 1123	3210 1002	2212 3665	2222 2354	3221 2454
	Nov	3333 5666	2223 2444	5322 3223	3122 1132	3312 3233	3112 2455	3323 2314	3212 0133
	Dec	2223 2434	2243 3423	2121 1222	2001 0211	0100 0013	2000 1322	2301 3424	3102 2333
P1	Jul	4330 1100	3201 1001	1220 1302	2231 1203	4444 4152	5333 3033	3430 3203	3320 3241
	Aug	2002 1101	1001 2323	4431 3222	1121 3010	1333 4541	2010 1031	1110 3120	2222 2222
	Sep	3222 1201	3647 6787	7876 5574	4524 4322	2522 4321	1222 1021	2220 2423	2331 4454
	Oct	1120 3212	0102 3322	2220 2221	0231 0230	2231 2122	3222 5754	2412 2133	2202 3343
	Nov	5341 3444	2321 3334	5333 4234	4122 3033	4323 3243	3020 3354	2333 3233	3102 2012
	Dec	3222 2303	2343 5434	2333 2201	1102 1102	1103 0132	1203 2203	0213 3224	2303 3323
		25	26	27	28	29	30	31	
N1	Apr	5433 2444	3314 2212	1010 0211	2302 1444	5321 0002	2200 0100		
	May	4223 2234	3123 2233	1121 2331	2222 2223	3221 2222	2101 3332	4112 1342	
	Jun	2101 3133	4202 1133	3222 3122	3211 2322	3223 3221	2223 2112		
	Jul	2333 3221	0110 2122	0100 1113	2101 2111	1202 2122	2212 1123	2112 1223	
	Aug	1112 1343	5212 4444	6445 5456	4334 3233	3334 4544	5433 4343	3222 3333	
	Sep	5332 3353	2112 1112	3222 2422	2211 1234	2423 3333	3223 2243		
	Oct	3300 1121	1123 2145	3222 1013	1112 2342	3102 1133	2222 2223	3532 3466	
	Nov	1121 1142	1211 2010	0332 2213	4554 2464	2222 2122	2101 1232		
	Dec	0012 1110	0212 2214	4412 2234	3221 1223	4212 1324	1101 2334	3100 1322	

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1941--concluded

Obs'y	1941	25	26	27	28	29	30	31	
P1	Jul	3432 2100	0010 2020	0120 2101	1000 3031	0020 2231	0130 0112	2010 2212	
	Aug	2011 3252	4320 3545	5433 4354	4332 3122	3332 3414	4420 4333	0322 4432	
	Sep	4322 0143	0112 0022	3321 1220	1212 2144	2302 0412	3220 2012		
	Oct	2213 3243	0212 2154	3203 1032	0102 1223	3003 4332	3301 2222	3643 5655	
	Nov	0230 4231	0211 2102	0433 3332	4425 3555	1224 1010	1111 0222		
	Dec	2233 2201	1212 1304	3412 3344	3321 2332	4222 0213	2101 0303	2101 0022	
	1942	1	2	3	4	5	6	7	8
N1	Jan	0011 1111	0222 3453	3322 3333	2422 5445	3333 3353	1223 2453	3313 3331	2000 1203
	Feb	0101 3222	2233 4422	2221 1122	1011 1122	2323 3463	4434 3555	4213 2212	1101 1112
	Mar	3298 7565	6423 4432	4445 4534	3323 2543	2432 3765	4423 3313	2234 3444	6522 2364
	Apr	2312 3232	2233 4445	4522 3245	3355 3673	3302 3312	1201 1013	1000 1002	5433 3542
	May	3333 3210	0212 3423	2212 1113	1122 3444	5311 2223	2211 2320	1112 1122	1201 1222
	Jun	2211 2221	0001 1010	1123 4433	2011 1222	2221 2311	2213 2201	1211 2110	2211 3211
	Jul	3323 3322	1211 2232	2211 3110	0111 2111	1221 2221	1111 3323	2111 3333	4344 5353
	Aug	2211 2223	1111 2332	3222 2322	1211 2231	3110 2233	1023 4433	4243 2344	2111 2112
	Sep	1113 3431	3233 2234	2212 2211	2223 2331	1312 2342	3233 4545	2223 2413	3222 1311
	Oct	0000 1213	3334 5664	5543 4554	3433 4634	4433 5443	2212 0123	4211 3434	2201 2242
	Nov	2233 3423	3222 2542	2212 3442	1224 1133	2021 1133	3210 0213	3222 3322	2223 3254
	Dec	2001 1243	3101 0112	3000 0214	4211 4422	2112 0210	0001 1123	2101 2345	3120 3465
Sw	Jul	3334 2322	2223 1332	2223 2210	0223 2221	1233 3222	2232 2323	2222 3323	2244 5354
	Aug	2221 2123	1121 2222	3222 2322	1211 1221	2112 2223	1123 3433	3133 2244	2121 1111
	Sep	1123 3331	2233 1223	1222 2111	1223 3331	1322 2332	3233 4444	2223 2413	2222 2211
	Oct	0121 1212	3224 5563	554- -544	3333 4534	3332 5332	2222 1123	4222 3323	1122 2242
	Nov	--33 2412	2122 2542	--22 3332	1233 1133	2121 1122	2122 0212	2122 3222	2223 3143
	Dec	2011 1143	3111 0111	2000 0213	3221 2322	2112 0210	0011 1122	1112 3334	2021 2353
P1	Jan	0311 1313	0324 4343	5404 3043	3433 2445	2322 3413	1213 1303	3301 2001	2102 0033
	Feb	0221 2303	2232 3223	2210 2202	0110 3124	2402 0304	5422 4334	2202 0313	0001 0214
	Mar	3277 6556	6313 2122	2334 3413	2322 4313	1423 4735	4223 3223	3323 3335	5411 3435
	Apr	3423 5322	1325 4343	1533 3244	4545 4643	3313 0002	1313 2201	0102 1023	5432 4412
	May	3243 1212	1222 0403	3320 1122	0102 2553	4233 0302	2522 0321	0212 0002	1302 0112
	Jun	0222 1211	1020 1000	0223 3302	1311 1103	2311 2213	2331 2211	1220 2000	3121 2211
	Jul	3342 1032	0112 2120	2012 2201	0100 1001	1000 2103	1133 3323	3122 2003	2432 3234
	Aug	3311 1012	1221 2113	2421 1132	1301 2112	3212 2101	1232 3434	5343 2333	2103 2323
	Sep	2114 0522	3343 3233	3203 2033	2212 4511	3320 0223	2332 1114	2311 1212	3222 1222
	Oct	0102 1213	4334 4533	4431 3424	4423 2203	3332 1103	2210 1112	3310 2232	3302 2231
	Nov	2232 0202	3223 2313	1001 2322	1222 1212	1200 0235	3202 3312	1203 2102	3333 2142
	Dec	2112 3223	3102 1133	2002 0323	3223 0010	1221 3001	0111 3022	1213 1341	3121 0322
		9	10	11	12	13	14	15	16
N1	Jan	2210 0223	3212 3323	3122 3232	2212 2252	1001 2131	1110 0123	1121 2322	1111 2442
	Feb	2101 1201	1112 3433	2110 2334	2211 1010	3311 2111	0012 2323	3232 3343	4212 3324
	Mar	6432 3445	2313 2442	4411 0112	2111 1013	4424 4435	3344 3424	3113 4332	3011 2131
	Apr	2123 3223	0100 1124	4543 4433	1112 2322	3223 4355	6334 3422	0112 1122	2333 3345
	May	1012 1011	2111 2333	3221 1211	0001 2211	2100 0101	2433 3311	1312 2232	0112 2242
	Jun	0111 1001	0100 1221	2224 5543	4123 3432	3223 3443	3222 3332	2322 0211	2112 2342
	Jul	4322 2333	2212 3324	4444 5544	3325 3443	4322 2322	2332 3443	3333 4555	4233 3234
	Aug	0112 2332	3322 4554	3323 3112	2223 2223	3101 1002	2211 1102	0013 2344	4323 3464
	Sep	0212 2121	2310 3212	2112 3445	5454 4554	3333 2355	4334 3555	4334 4453	3332 3335
	Oct	3110 1221	0123 2223	1012 2344	3335 4544	4233 4644	4223 5655	3433 3455	4323 4453
	Nov	3101 1323	2021 4223	3322 3153	2231 3333	3222 4443	2223 2354	4211 2234	4211 0032
	Dec	3213 4555	5333 2233	2322 4134	3123 3213	3001 1212	2112 2433	2110 1232	2201 1424
Sw	Jul	3332 2433	3333 2323	4443 5454	3334 3332	4232 2322	2333 3344	3233 3654	4333 3244
	Aug	0023 3221	2223 3554	3232 3211	2232 2223	3222 1112	2122 1111	0122 2243	4323 3454
	Sep	1122 2121	2222 2122	2122 3345	4444 3553	3233 2344	3233 3444	3333 4442	3333 2335
	Oct	3112 1121	1123 2223	1122 2243	3325 4533	3233 4544	4223 5544	3332 2344	4223 4452
	Nov	3111 1322	1122 4223	3222 3143	2221 3233	2112 3332	2222 2333	4211 1333	3211 1032
	Dec	2223 3544	5333 2132	1322 3134	3222 3313	2001 1212	1122 2322	2111 1232	1111 2323
P1	Jan	3223 2124	3213 2322	2123 2323	2223 0222	1102 0403	3303 3304	1232 2234	0320 2222
	Feb	2213 2333	1222 3413	3122 3313	2202 2022	3221 2203	1112 2134	3233 2222	2221 2233
	Mar	6533 4323	3303 3533	2420 2020	0232 1012	4423 4334	2334 3412	2321 2322	0011 3231
	Apr	2311 2213	0003 2324	5443 4202	0002 3303	2133 3434	6534 3422	1120 2022	2331 3354
	May	1222 1122	2122 0314	3322 1323	0003 2312	1303 1122	3532 1123	1323 1332	2212 0220
	Jun	0010 0121	0010 1201	2342 4543	2421 2302	3303 3354	2432 2022	1112 2012	2121 2141
	Jul	4302 2323	3313 3033	5353 4314	1333 3223	2312 2001	2221 3133	2332 2455	4412 3213
	Aug	1222 3333	4333 3453	2420 3121	3320 2004	3011 1102	1210 3100	0001 2143	5434 3363
	Sep	1220 0220	3211 1000	2304 4554	5553 2443	4312 3344	5430 3445	4322 2412	3412 3305
	Oct	3323 3031	2233 3343	2012 3254	3324 3104	4213 2503	4302 3455	3432 0313	5212 4122
	Nov	2110 3202	3222 4343	3112 3132	2221 2402	3331 3243	3333 0104	4211 1203	3122 2303
	Dec	4324 2544	3422 0113	2323 3323	3323 2223	2001 0421	2303 2331	1203 0204	2302 2011
		17	18	19	20	21	22	23	24
N1	Jan	4333 2222	4323 2235	4522 1223	3111 0212	0001 1122	0211 3323	2210 2211	1001 0013
	Feb	3312 0122	2211 1100	0000 2122	1202 2333	3311 4112	3211 1232	5211 4576	5334 3324
	Mar	4322 1143	1023 3445	2223 3445	5421 1221	3333 3553	4323 2233	3212 2354	1313 3312
	Apr	5434 3334	3333 5454	4323 3342	3212 3322	1010 2221	2100 0100	0334 5544	5232 2221
	May	3111 1221	2112 2223	1112 1121	0211 2434	4111 3322	1242 2343	4222 2423	1211 2223
	Jun	2322 3332	4222 2210	3213 4534	3312 3322	2321 2100	0101 2211	1122 3322	3221 3322
	Jul	4323 2322	2212 1221	1211 3212	2234 4234	5322 2333	2213 3223	3211 2343	3322 2343
	Aug	3234 4544	2334 5343	3334 4455	4324 4243	2223 4223	4332 1324	4434 5665	3322 3454
	Sep	4235 4544	4223 4564	4334 4544	3324 5344	4445 4544	2323 4434	3222 2123	4121 2322
	Oct	3332 2343	2223 2554	5334 4542	3323 5530	0011 3412	2211 1121	1112 2221	1100 1212
	Nov	1202 2223	3122 3342	1122 1232	2313 2353	2222 2233	1111 1322	2112 3535	6635 4452
	Dec	0001 1112	1101 1110	1011 0002	3201 0444	4434 4444	4423 3130	1334 5553	2123 4444

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1942 AND 1943

Obs'y	1942	17	18	19	20	21	22	23	24
Sw	Jul	4433 2322	2223 2211	2222 2211	2234 4345	5333 2234	2223 3223	4223 2442	3322 2343
	Aug	3123 3434	2233 4342	2333 3454	3234 3242	2223 3222	3332 1214	4332 4554	3333 3443
	Sep	3234 4543	3223 3554	3334 3533	3223 4334	3344 4543	2333 3324	2222 1123	3122 1222
	Oct	3322 1233	1222 2543	4333 4532	3223 4431	0111 3411	1222 2111	1122 2111	1121 1112
	Nov	1212 2223	3122 2232	1122 1222	2323 2353	2222 2232	1011 1222	1112 2525	5545 4452
	Dec	0111 1112	1111 1210	0011 0011	3201 1434	3334 4443	4323 2130	1333 4543	2123 4443
P1	Jan	3343 0323	5432 2434	4422 2423	3101 1132	0103 3241	1333 3132	2311 0302	1110 2113
	Feb	4211 2210	2312 3333	1101 1333	1323 2213	3422 0033	3122 0123	3222 4555	5433 2233
	Mar	3231 2242	2243 2342	4233 2545	5431 3232	2233 3331	3322 4234	3212 3233	3312 3211
	Apr	7544 3232	5423 2234	3313 3343	4101 3321	0101 3222	2002 2320	0354 4423	4312 0022
	May	2210 0021	3012 0212	2201 0022	0022 4513	4211 3213	2142 1344	2213 0222	0202 0302
	Jun	2331 2112	3321 3000	3220 3533	2342 2121	1301 2002	0010 2011	1022 3313	2322 2103
	Jul	4320 2001	2021 1001	2112 2011	2044 3344	5432 2032	2102 2012	1120 2232	2321 2134
	Aug	4320 4433	3342 3244	4312 3424	4323 3143	3220 3112	2431 1214	5432 4546	4303 3445
	Sep	4223 1303	4312 0324	4413 1323	2302 2213	4322 3411	2422 4423	3102 0122	3312 2132
	Oct	3420 1231	1211 0303	5411 3201	4300 2222	1121 1221	0100 1001	0010 2022	0012 2222
	Nov	2221 1323	3320 2132	2122 2303	3334 1403	3020 3301	2002 2212	3313 3255	5433 3342
	Dec	1202 3203	0121 0102	1121 2002	3212 0433	4423 3433	4223 0311	2333 1423	2103 0133

Obs'y	1942	25	26	27	28	29	30	31
N1	Jan	1002 2131	1111 1111	0011 1222	3321 2232	1101 0233	1111 2222	1101 1000
	Feb	4212 2355	3211 1123	2201 1344	3313 5533			
	Mar	2112 2200	0134 5532	2411 1133	2111 1110	1322 4432	1222 4533	1222 3133
	Apr	0000 0111	1111 1111	1122 3444	6312 2113	2210 0003	1123 4333	
	May	3101 3220	1112 2211	0224 4454	2432 3333	2212 2221	3112 2232	1211 1211
	Jun	3222 2222	1211 1322	1211 2211	1222 4433	4222 3333	3433 3333	
	Jul	3433 4454	3112 3334	4334 4343	3423 3343	3322 2223	4323 3333	4222 2222
	Aug	3422 3233	2333 3343	4223 3320	1121 1212	0011 1032	1001 2341	3212 3222
	Sep	2111 1222	2101 2423	1111 2234	3111 2112	2202 2210	0122 2122	
	Oct	1232 3222	3321 1044	3111 1223	0002 5766	6465 5565	5443 4644	4334 5454
	Nov	4434 4555	5523 5554	2123 2244	2223 5645	5123 3443	1121 3232	
	Dec	4222 3234	3422 3554	2211 2113	1201 2221	1101 1312	1000 0011	2000 0000
Sw	Jul	3324 4354	2223 3324	4334 3444	3333 3333	4333 2223	3333 3232	4333 3222
	Aug	2333 2233	2222 2243	3233 3320	1021 1212	0112 1122	1012 2341	3112 3221
	Sep	1112 1222	2012 2322	1212 2223	2121 2112	1122 2211	0122 2231	
	Oct	1232 3211	2221 1033	2122 2312	1123 4655	5355 4555	3333 4543	3333 5343
	Nov	3323 3544	4433 4454	2123 3243	2223 4545	4123 3433	1221 3231	
	Dec	3222 3324	3332 3444	1111 1112	1211 2221	0001 1311	1011 0111	2011 0001
P1	Jan	3112 1111	1121 1310	0103 2333	4332 3101	1100 3132	0221 1320	0123 3302
	Feb	3330 2324	3322 3302	0211 3333	3123 4533			
	Mar	2202 1122	0054 3633	3312 3043	1111 2201	2301 3212	1221 3342	0202 3155
	Apr	0001 0121	0101 0121	0002 2445	5233 0103	2221 1023	2223 3303	
	May	2002 0230	0001 2021	0033 2404	1233 3303	1322 0221	2222 1211	1222 1221
	Jun	4331 1302	1111 2321	2311 1111	1031 3313	4433 3323	3411 2213	
	Jul	3332 3053	2222 2235	5332 3334	4431 3033	3310 1102	3210 2013	3310 1022
	Aug	3312 3333	3302 3232	4220 3030	0102 3132	0111 3231	2213 4152	2221 3231
	Sep	3200 3302	2102 3420	2320 0023	2100 2022	2112 0101	1012 0200	
	Oct	2333 3303	2300 2023	2201 4132	1203 4645	5452 5554	5323 2302	5322 2313
	Nov	3313 3334	3521 2342	2212 2042	1231 0414	3203 2433	2210 0312	
	Dec	3102 0231	3333 3433	2211 0222	2211 2202	0102 0012	2101 2021	1102 2033

Obs'y	1943	1	2	3	4	5	6	7	8
RS	Jan	0000 0043	2011 1322	2101 3323	2224 5644	4331 2334	2222 2333	1000 0001	0100 1133
	Feb	2101 2213	1011 2112	2122 3143	2313 2233	3122 2342	3122 2424	2111 0123	2100 1141
	Mar	0102 3321	1243 2121	1113 2144	3233 3344	2332 2534	2111 2142	2201 2132	3311 1333
W1	Apr	2211 2242	4121 2213	3423 3423	3312 3353	4211 2524	3114 4313	4311 2142	2111 1100
	May	3444 3344	4233 3421	3011 1425	2112 2212	1113 2321	3102 2211	2211 1101	1001 1110
	Jun	0111 2123	1112 1110	1111 1100	1111 1100	2110 2123	3331 2100	0113 4323	2433 3434
	Jul	0111 1111	0111 1112	3332 2211	1113 3453	3423 4455	4434 4333	3323 2213	2233 3231
	Aug	3123 4442	2222 3343	4222 3143	3322 3432	4232 3322	2122 3341	1124 3301	1324 5646
	Sep	4323 3442	4312 4244	3334 4445	2333 3341	3313 1432	3212 1230	3101 2111	2112 1355
	Oct	3322 5454	4223 3564	3233 4634	4333 3412	3111 1131	1101 1000	3112 3324	3114 3344
	Nov	3113 5452	1001 0210	0000 0012	0000 1103	1111 3311	1221 3744	2111 0043	1112 1233
	Dec	0000 1333	1111 2463	2221 4553	3311 4343	1311 3321	0000 0101	1001 1001	1101 1310
N1	Jan	0000 0243	2011 1321	2200 3323	3225 5754	4332 2334	2222 2343	1000 0101	1100 1233
	Feb	3100 1223	1021 2212	3222 2242	2323 3223	3122 3342	3112 2434	2111 0223	3111 1241
	Mar	0201 2321	1243 2121	1123 3134	3234 3355	3332 3533	3122 2243	2202 2233	3312 2333
	Apr	3322 3333	4232 4223	4544 4544	4333 4353	5323 3634	4234 5434	5423 3253	3222 2211
	May	4554 4445	5334 3523	3011 1535	2321 1223	2223 3322	3112 2311	3322 2112	2101 2211
	Jun	2223 3134	1223 3122	2221 2212	2211 2210	2111 3233	4432 2211	1223 4424	3434 5544
	Jul	1121 1211	0112 2224	2433 3322	2224 4554	4544 5555	5445 4444	4323 3333	4343 3432
	Aug	4222 4443	3333 4454	5344 4344	3333 4543	5333 4443	3232 2452	2234 4412	3434 5656
	Sep	5434 4553	5423 5354	4444 4535	3434 4442	3433 3444	3323 2431	3222 2222	3223 3465
	Oct	4434 4455	5434 4665	4344 5645	4333 4423	3222 2243	3211 1211	3213 4334	4225 4445
	Nov	3323 5553	2111 1321	1111 2123	1123 4322	2331 2113	2333 4755	3233 1153	2233 2333
	Dec	0011 2443	1212 2564	3322 4554	4322 4344	3422 3432	1000 1101	1101 1110	1111 1421

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1943--continued

Obs'y	1943	1	2	3	4	5	6	7	8
Sw	Jan	0010 1233	2021 1311	2111 3223	2224 5644	3332 2324	2122 2332	1011 0101	1111 1133
	Feb	2111 1223	1111 2212	2122 2232	2323 3222	3122 2342	3111 2323	2111 1113	2111 1231
	Mar	0211 2321	1233 2121	--23 2233	2233 3334	2332 2433	2111 2132	2112 1132	2212 1323
	Apr	2222 2232	3232 3213	4433 3434	3323 4352	4233 3523	4233 4334	4323 3242	2122 1110
	May	3444 4343	4232 3522	2121 1424	2222 2223	1223 3222	3122 2211	2222 2111	1122 1210
	Jun	2222 2153	1123 3111	1121 1312	2121 1110	2212 2222	2332 2210	1123 3323	2233 4434
	Jul	0122 1111	0122 2123	2332 3321	2223 3454	4433 5445	4435 4434	3323 3333	3333 3332
	Aug	3-22 4433	3333 4344	4333 4333	--33 4433	4233 4332	2222 2341	2124 2411	--23 4546
	Sep	4323 4442	4323 4254	3333 4435	2333 3442	3323 2433	3323 2320	2112 2211	2122 2455
	Oct	--33 5454	4334 4555	3344 5534	3333 3413	3222 2142	1111 1110	-123 3334	3234 3444
	Nov	3233 5452	2121 1321	1111 1113	1111 2212	2223 3322	2322 3744	3233 2143	2233 2233
	Dec	0011 2332	1222 2564	3222 3553	3222 4344	2312 3422	1001 1111	1111 1110	1111 1321
Pi	Jan	1103 1344	2223 3033	1213 3444	2323 2514	2342 2333	3212 2021	0102 2101	1210 2222
	Feb	1121 3122	1220 2231	3222 3102	3323 3311	3302 0102	3202 2202	1322 1132	1202 1322
	Mar	0311 1313	2343 2223	0133 2143	2333 4333	3431 4413	2010 4141	2111 4342	3322 3204
	Apr	3412 2203	2232 0224	5442 3422	4421 3324	6322 3414	3224 2333	3333 2143	1122 3031
	May	5544 3435	5413 2302	2221 0314	3321 1223	1132 0022	1111 1131	2222 1111	0102 0221
	Jun	2010 3033	1121 2100	1021 1013	1122 2010	1201 3014	3433 3021	0210 2222	3424 4313
	Jul	0121 3020	0120 2103	2543 3220	1225 3353	4332 4335	5434 3343	4422 1042	3431 3032
	Aug	3331 3442	3333 3133	5433 3153	4330 4332	3312 4142	2330 2243	2243 3301	4533 5545
	Sep	5322 2422	5412 3034	4533 1303	3443 1322	4421 0323	3300 1220	0200 0110	2322 2533
	Oct	5532 4234	4422 3235	4434 1204	4320 0222	3210 2120	2210 1020	4322 3215	5233 1404
	Nov	3323 2302	2102 2321	2212 1111	2212 0223	3441 3322	2321 3633	3313 0043	2333 1222
	Dec	0103 2423	2232 2444	2321 1423	2221 0113	3302 1110	0002 1012	2101 2111	1201 1000
		9	10	11	12	13	14	15	16
RS	Jan	3122 1111	0111 1113	1100 0213	1110 0013	2101 0001	0000 0011	0000 0022	0001 2432
	Feb	1111 0031	0001 0132	3222 2021	1111 1033	2332 3232	2012 0003	2011 1020	0010 0222
	Mar	3112 2123	2001 1122	3101 2254	4423 3454	2000 2001	2322 2202	1000 0200	2234 3355
Wi	Apr	0000 1111	1223 3254	4542 2233	1001 1111	0001 1101	0000 1110	0011 2221	2122 2221
	May	0101 1110	0011 2310	0111 1322	1422 1121	1122 3324	3113 1113	4433 1132	1102 3341
	Jun	2334 3322	1313 3413	0013 4411	1111 2132	5311 2333	3332 2310	0111 1011	1101 1111
	Jul	2243 3462	2423 3331	2332 3222	2233 2243	3222 2341	1012 1110	0112 2221	2212 2222
	Aug	6433 3324	2211 1112	2111 1111	2111 1123	2334 4345	3112 3453	1222 3344	2234 3333
	Sep	4323 3234	3333 3333	3321 3234	3213 1242	3323 2441	4313 2142	3112 2233	1101 1331
	Oct	3243 2543	3122 3611	1122 2133	2311 0142	1101 2111	1000 1031	0001 0000	0100 1013
	Nov	2120 1122	1101 1043	1000 0010	0002 2221	0000 0133	1100 0220	0100 0111	3311 2244
	Dec	2211 1312	3112 3311	1101 0211	0000 0112	2101 0021	0001 3411	1001 0144	3133 4554
Ni	Jan	3202 0211	0012 1123	1110 0203	1211 1003	2101 1112	0000 0001	0010 1112	0001 2433
	Feb	2121 1131	0012 1132	2222 1021	2201 1033	3332 3233	2112 1013	3111 1020	1010 0332
	Mar	3222 2233	2111 1123	3112 2354	4423 3554	2111 2112	3322 2312	1101 1211	2334 3355
	Apr	1111 2123	2323 3354	5533 3244	2112 2121	0101 1202	1111 1221	1112 2333	3333 3332
	May	1111 1211	1111 2431	2221 3433	2532 2222	2234 4524	4423 2323	5323 3333	0114 4452
	Jun	3434 4433	2333 3424	1123 5533	1233 3342	5333 3443	4333 3420	1111 1122	2211 1212
	Jul	3244 4553	3434 4422	2343 4333	3332 3343	4232 4443	3111 1120	1222 2332	3311 3333
	Aug	6432 3334	3322 2123	2212 2212	3121 1224	3444 5455	4333 4454	2333 3444	3445 3433
	Sep	5434 3445	4434 4434	5433 3444	4224 3353	4433 3452	5424 3354	4232 3344	3222 3433
	Oct	3354 3664	3332 4632	2233 3244	3332 1243	3211 3122	2111 1232	1001 2111	1211 2113
	Nov	3232 2233	2121 2253	1211 1121	1002 2232	0001 1233	2210 1332	1111 0122	3411 3344
	Dec	2212 2322	3112 2311	1111 1221	1000 1122	2111 0031	0011 3422	2111 0155	3244 5555
Sw	Jan	3222 1211	1112 1123	1111 1212	1212 1013	2112 1212	0111 0001	0011 1112	0111 2333
	Feb	1121 1121	--11 0132	2222 2122	2121 1032	2232 2233	2112 1112	2022 1121	1121 0222
	Mar	2112 2223	2112 1112	2111 2244	3323 3543	2112 2112	2322 2212	0122 1111	2224 3244
	Apr	0021 2122	1223 3353	5432 2233	2111 2111	0111 0201	1111 1111	0122 2333	2232 2222
	May	0122 1210	1122 2321	1122 2322	2432 2122	2233 3423	3323 1213	4323 2232	1123 3342
	Jun	3333 3332	1323 2423	1123 3422	1233 3232	5322 2433	3223 3310	1122 1112	2222 1111
	Jul	2144 3453	2234 4421	1333 4323	3232 2333	3222 3432	3111 1110	0231 2232	2211 2332
	Aug	5423 3233	3321 1112	1211 1212	2121 1223	3334 5355	3223 3454	2332 3343	2344 3323
	Sep	5433 3334	4334 3433	--32 3334	3-14 2242	3323 3443	4223 3244	--22 2334	2212 2433
	Oct	3353 3553	3232 3622	2133 2233	3322 1243	2121 2112	1021 1131	1122 1000	0222 2113
	Nov	3-22 1232	2111 1143	0111 1020	0012 2121	0001 1232	1110 1231	0111 1122	3321 2243
	Dec	2221 1322	3112 2311	1101 1111	1101 1112	2111 1131	1111 3311	2111 1144	3134 5454
Pi	Jan	2222 3231	1223 2203	2210 1221	2332 0012	1213 2001	0212 1011	0022 2232	1203 3231
	Feb	3422 0111	0102 3312	4442 2213	1302 0321	4431 0322	2322 1022	1121 1233	1102 3322
	Mar	3112 2212	2012 2113	3120 3464	3413 3433	1201 2022	3221 2321	0011 1322	2345 3344
	Apr	0012 3024	3213 2352	4543 2134	2021 2001	0022 1021	0012 2211	0023 2333	2333 2232
	May	0200 1232	1312 2312	1302 2403	3331 1223	2342 1323	3322 2322	5433 1212	1222 1102
	Jun	3431 3022	1332 2323	2012 3302	1322 2032	4422 2212	3332 3020	0211 1111	2201 0001
	Jul	3340 3322	3332 3302	2231 3133	3330 3143	3321 3223	3000 1100	1222 2022	4322 0122
	Aug	5424 3301	3301 2002	2210 1002	3213 1014	4444 3354	4221 3334	4323 4344	4443 4313
	Sep	5413 2233	5422 3313	4413 0404	4313 2413	4411 0313	3433 3243	3320 2313	1200 0302
	Oct	2453 2324	3320 1522	3123 3002	3320 2223	1201 1022	2110 2131	0102 1012	2200 0012
	Nov	3320 2213	2102 2042	0000 0120	2113 0130	1000 1322	3210 3220	1200 3103	2423 3032
	Dec	0231 2232	1222 3212	1201 2122	1202 0201	2112 0131	0122 2332	2122 2432	3234 2423

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1943--continued

Obs'y	1943	17	18	19	20	21	22	23	24
RS	Jan	3124 3553	2211 2231	2110 1223	1123 2677	4333 5434	5223 4544	3222 2213	3212 2232
	Feb	2445 4355	3333 3202	3112 2322	0102 1300	0002 0023	0002 1122	2112 1133	3222 1123
	Mar	4113 3203	1021 1330	0113 1334	2243 3462	1112 1221	1223 2455	4433 3344	1132 3410
Wi	Apr	1111 1111	1111 0111	1111 0010	0112 3313	4324 3341	1121 1102	0000 1100	0001 1001
	May	3123 3354	4444 4323	2432 2231	1111 1111	2012 1110	0111 1111	1112 2222	4421 3334
	Jun	1100 1100	0001 1111	0113 3324	4412 3333	3212 3443	3332 3343	2222 4323	3332 3521
	Jul	4111 2123	1213 3333	3221 2323	3222 2312	3223 3323	2223 2223	1111 1211	1211 1100
	Aug	4332 3332	2233 4441	0133 3554	4234 2334	3333 2212	1100 1111	1102 3124	2441 2322
	Sep	1211 2122	0111 1014	3222 1121	0111 2113	3223 3142	2321 3422	2212 0122	3101 1121
	Oct	0112 3023	0000 0223	2101 1110	0001 1235	3101 0000	1114 3544	4101 2013	3115 4544
	Nov	1000 0000	0101 2331	0355 5556	4433 3652	4333 4653	2223 4643	3334 5555	4222 5643
	Dec	4323 3533	3212 5351	3232 3774	3113 3546	4102 2164	2212 2554	1111 3143	2201 1131
N1	Jan	4125 3553	3222 2231	2110 2323	1232 3677	4323 5435	6213 4554	3222 2224	3212 1232
	Feb	3446 4355	3333 3213	3112 2321	0202 2311	0001 1133	0002 2122	2112 1233	3322 2224
	Mar	4123 3113	1121 1331	2123 2334	2344 3462	1212 1232	2223 2455	5433 3243	1122 3511
	Apr	3222 2212	3312 1111	2312 2010	0112 3413	5424 3352	1232 2212	0111 1111	0101 1111
	May	4332 3455	5544 4434	4543 3343	2212 2222	2122 2320	1111 2111	2223 3333	4422 3344
	Jun	2101 1111	0201 1122	1313 4444	5323 3334	4334 5544	3333 3444	3333 4434	4433 4533
	Jul	4111 3334	2324 4444	3332 3333	3212 2322	3223 4423	3334 3333	2223 2321	2221 2111
	Aug	5443 3344	3345 5541	1244 3554	5344 3345	4443 3222	2111 2222	2212 3234	3553 3433
	Sep	3322 2233	1211 1125	3333 2232	1112 3324	4334 3353	4433 4433	3333 2233	3212 2132
	Oct	1223 3234	1111 1334	3211 2221	1111 2363	4221 1111	2123 3535	4211 3224	3225 5555
	Nov	1111 0011	1112 3432	2355 5555	5534 4653	5434 5654	3432 4654	3433 4656	5333 5565
	Dec	5434 3644	4323 5352	3334 4764	5234 5556	4213 3265	3223 3554	2222 4243	3212 2241
Sw	Jan	3124 3453	2222 2231	2222 2323	2222 2566	3323 4334	5223 3444	3222 2223	2212 2232
	Feb	3435 4354	3332 3212	3122 2211	1211 2310	0012 1121	1012 2122	2-22 1232	3222 2223
	Mar	3123 2212	1121 1321	1123 2323	2233 3451	1222 1222	1223 2345	4433 3343	1122 3410
	Apr	2122 2211	1222 1111	2222 2111	0122 2312	4233 3341	1132 1112	1121 1111	0112 1111
	May	3232 3452	3443 3333	4432 3232	1122 1211	2122 1220	1222 1111	1223 3332	4322 3334
	Jun	1111 2111	0211 1111	--13 3434	5223 3333	3223 4433	2333 3443	2322 4433	3332 3422
	Jul	4112 2223	2223 4333	3332 2323	2212 2321	2222 3323	2223 3322	1222 2321	2222 2100
	Aug	4333 2333	3244 4441	0144 3554	5343 3234	3332 3212	2111 2222	1112 3122	--42 2323
	Sep	2322 2223	1112 1024	2323 2122	1122 3213	3323 3243	3333 3422	3332 2222	3122 1121
	Oct	1123 3-33	1111 1333	2222 2020	0111 2353	3222 1000	1123 2534	4211 3223	3225 5544
	Nov	1111 1001	1112 3322	1354 4545	4432 3553	4334 5554	3322 4544	2333 4555	4333 5554
	Dec	4334 3534	3223 4352	3333 3654	4223 4545	3222 3254	3223 3444	2222 4243	2211 1231
P1	Jan	5333 3413	2222 3312	1221 2132	2333 2556	5223 2224	4223 1413	3222 1322	3201 2321
	Feb	4554 2324	3232 1203	3221 3331	0201 2021	0102 1331	1202 2103	1223 2332	2411 2321
	Mar	3013 3113	0010 3202	1022 1354	2322 2432	1312 2222	2203 4355	5432 3343	3132 3212
	Apr	1222 1112	0433 0012	2102 2021	0112 2232	4534 3233	0323 2201	0003 0202	0001 1020
	May	2332 2433	5423 1204	2342 0224	2101 1022	1122 2120	0223 1113	0223 0003	4433 0333
	Jun	2000 1010	0011 1212	0102 2404	5322 2233	3323 3323	3520 3333	4431 3344	4421 2432
	Jul	3120 3134	2323 4243	4332 2223	4210 1223	3230 3202	3332 2123	1111 2021	2311 1120
	Aug	5422 3344	3445 4312	1250 3424	5452 3233	5541 2013	2211 2102	2330 3014	5540 3313
	Sep	3431 0043	1303 0225	4431 2021	1311 3413	4432 0143	4522 2000	3431 1012	3100 1123
	Oct	2322 2123	1110 2223	2321 2201	2210 0443	4101 0011	1234 0213	4221 0323	3413 4224
	Nov	3111 1002	2122 2421	3544 4444	5432 2433	3422 1303	2412 0423	3421 2245	4213 3323
	Dec	4422 3413	5332 1232	4333 3523	4323 2334	4212 2343	3313 2202	2223 1202	1112 3132

Obs'y	1943	25	26	27	28	29	30	31
RS	Jan	2121 1111	3313 1323	2102 3410	0112 2341	3101 1023	4311 0113	1100 1112
	Feb	1102 2443	5422 2343	3202 1132	2112 0220			
	Mar	1222 0001	2102 1203	2001 0232	0002 0122	2213 2466	4423 3254	3222 2544
Wi	Apr	2111 2324	4432 2233	3111 1220	1101 1232	3121 3212	2323 2232	
	May	3242 4332	1111 1233	3321 1334	4323 3333	3312 2121	2122 1212	1011 1211
	Jun	2222 3323	1211 2212	3111 2214	2232 3342	2311 1110	1101 1110	
	Jul	0111 2111	1112 2231	3112 3211	0111 1111	1111 1101	1313 3342	3113 2124
	Aug	3322 2333	2232 2331	1211 1121	1214 6335	3323 4452	5444 5565	5666 5554
	Sep	1212 1122	2123 5455	4334 4353	4423 4445	3334 5463	3325 4355	
	Oct	4332 3554	4433 5543	2232 1366	4422 3653	3222 5563	3333 4443	2424 4352
	Nov	3223 5564	2332 5544	3443 3344	3234 1153	3332 4542	1000 2411	
	Dec	1312 0131	2011 2533	1211 2111	1111 0000	1112 1241	1111 2111	0012 3345
N1	Jan	2111 0111	3333 1413	2102 3410	0212 2341	3101 1123	4311 0113	0111 2223
	Feb	2201 1454	5432 2453	3212 2133	2111 1120			
	Mar	1311 1111	2111 1213	2111 1232	0111 1122	2313 3465	4423 3354	3221 2544
	Apr	2322 2334	5532 2244	4111 2220	1110 1233	4232 3223	3324 3333	
	May	4342 4343	2212 2334	4422 2335	5434 3444	3423 2232	2331 3323	1121 2323
	Jun	3333 3433	1221 2223	3222 2324	2343 4453	3312 2111	1112 2211	
	Jul	1112 2112	2223 2232	4111 3321	0212 2222	2221 0112	2324 3443	4224 3234
	Aug	4433 3333	3343 3332	2212 1132	2323 6536	4334 5553	5554 5567	6765 6664
	Sep	2333 3312	2333 5555	5334 4455	5443 5445	4443 6565	5435 4556	
	Oct	4334 4554	5544 5554	3343 2466	5433 3654	4334 5464	4433 4545	4533 5254
	Nov	4334 5665	3433 5656	5544 4355	4334 2343	4433 4452	2111 2401	
	Dec	1323 1233	3112 3543	1222 2122	2120 1010	1211 0342	1101 3211	1112 3445

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1943--concluded

Obs'y	1943	25	26	27	28	29	30	31
Sw	Jan	2111 1111	3223 1313	2112 3410	0122 2331	2111 1123	3321 1113	1111 2122
	Feb	1111 1343	5323 2342	2212 2232	2112 1120			
	Mar	0222 1101	2112 1213	1122 1231	0122 1122	2213 3465	4323 3353	3222 2434
	Apr	2222 2334	4322 2234	3111 2220	0021 2123	3132 2222	3334 3233	
	May	3342 4333	2212 2323	3322 2234	4424 3333	3322 2122	2221 3212	1121 2222
	Jun	2232 3333	2122 1222	3221 2214	2343 4343	2322 1111	1112 2100	
	Jul	0111 1112	1113 2232	3222 3311	0112 2112	1211 1112	2324 3342	3223 2223
	Aug	3322 2333	-333 3332	1211 1122	2223 6435	3333 4543	4443 5467	6655 6554
	Sep	2-33 2311	1-23 5434	4334 4454	5323 5444	4342 5464	4435 3456	
	Oct	4344 4454	5343 5554	2-43 2355	5-23 3544	3-34 5454	4433 4445	3435 4454
	Nov	4234 5565	2333 5545	4533 4354	3334 1343	3323 3452	2111 2401	
	Dec	1323 1132	3121 3542	1221 2121	1121 1111	1111 1342	1111 2211	1022 3335
Pi	Jan	2201 0132	3323 0302	3101 0301	0213 1311	1202 3103	3210 1113	0200 0232
	Feb	0302 1445	4513 0403	4401 3022	1201 2021			
	Mar	0200 2122	2220 0213	1000 1133	0000 0322	2221 1374	5433 3243	4420 3335
	Apr	3323 0215	5532 0223	4122 0011	1222 0134	4123 0024	3444 1224	
	May	4443 2302	2302 1103	4322 0233	4533 0013	2423 0012	2232 0121	1222 1202
	Jun	2322 3213	3200 1000	2211 0134	3442 3042	2411 2212	0101 1012	
	Jul	1302 0212	2221 2123	3131 2001	0222 3320	3110 3042	3432 4033	3332 3314
	Aug	3421 3123	5330 3141	1302 2131	2334 5435	5432 4242	6542 5455	3554 5454
	Sep	2530 1121	2323 4233	4322 2323	5422 3314	4422 1224	4424 1235	
	Oct	5443 3303	4444 2334	3432 3155	4423 1203	4434 3203	3431 3114	3434 4404
	Nov	4333 3345	2411 4304	4422 3344	3232 2233	3222 2122	1101 0002	
	Dec	2312 1233	3103 0243	0212 1232	3202 0001	1302 2032	2123 3223	1212 1334

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1944

Obs'y	1944	1	2	3	4	5	6	7	8
Wi	Jan	3111 5452	1010 1230	0000 1000	1101 0113	5111 1321	0100 1131	2111 0111	0101 0130
	Feb	1001 1021	0111 0012	0110 0011	0111 2231	0010 1122	1001 1100	2123 5555	4321 3445
	Mar	1111 1012	2201 2241	2211 0011	2124 4333	1001 2221	2311 2253	3212 5623	1212 4451
	Apr	2111 1144	4467 5353	3321 1233	2224 3322	2313 1354	3233 2532	4111 1344	3002 4142
	May	3112 5544	3434 3221	1111 3212	1013 2335	3113 3221	4113 3452	1232 3322	3221 1111
	Jun	1001 2220	0112 2121	1011 1110	1101 1132	1012 2320	1101 1220	0001 2210	0101 1110
	Jul	2111 2211	1121 2212	1121 1111	1101 1130	2111 1110	1111 2112	2211 2211	0112 1121
	Aug	1112 3110	1112 3334	4444 2232	2111 1111	1011 1214	1122 2111	1101 2211	0111 2231
	Sep	3111 2113	4332 2333	2022 2110	1001 1144	3112 2101	1013 2211	0112 1000	0002 2243
	Oct	2123 2433	1001 1123	2212 2353	3112 2353	2110 1100	1110 1244	2111 2131	1000 0012
	Nov	0000 0012	0101 0011	0012 3310	1113 4322	2331 2445	3221 3122	1000 2223	1111 0001
	Dec	1001 3432	3111 1463	2210 1222	1210 1131	0101 1113	3101 2311	1001 1001	0000 0112
Ni	Jan	3112 5452	2121 2331	1111 2001	2101 1134	5222 1433	1101 2233	2112 1222	1111 2231
	Feb	2102 1132	0212 1133	1100 1022	1212 3341	0111 2233	2101 1201	2234 5665	5333 4555
	Mar	2211 1123	3311 3352	2211 0012	2235 4433	2111 3333	3433 4353	3333 5634	2323 4463
	Apr	3112 2355	4376 5454	5431 2234	2334 4433	3324 3454	4344 3544	4232 2355	3213 5243
	May	3223 6644	4434 4332	3222 4322	2113 3455	4223 4432	4224 4453	2333 3433	3322 2123
	Jun	3111 3330	1222 2221	1110 1111	1212 1243	3122 2432	2201 2331	0011 2311	0201 2221
	Jul	3102 3322	1201 2123	1222 2222	2201 1131	2211 2220	1121 2123	3211 2222	1202 2122
	Aug	1222 3111	2213 3434	6533 3233	3112 2112	2112 2224	2222 2222	2211 3312	1212 2342
	Sep	4123 3113	4423 3443	2123 2211	2102 2244	4212 1202	2003 2323	1222 1110	1111 2344
	Oct	3223 3444	1013 2233	3333 3444	2102 1241	2211 1112	2111 1344	2211 2142	1101 0112
	Nov	1101 1112	1211 0112	0012 2311	2122 3423	3422 3455	3332 4122	1011 2233	2111 0001
	Dec	2112 2432	3222 1463	3221 2333	2211 1032	1101 2113	3211 1231	1001 0011	0010 1113
Sw	Jan	2122 5452	1121 2231	1011 2000	2112 1123	4222 1332	1011 2132	2111 1221	0122 1231
	Feb	2112 1131	0221 1122	1111 1121	0212 2241	0111 1123	1111 1101	2124 5554	5332 4445
	Mar	2222 2122	2222 2341	2212 1112	2234 4433	1-12 2332	3323 3343	3323 5534	--23 3453
	Apr	3122 2244	3366 5353	4331 1133	2234 4333	3-23 3454	3244 3443	4222 2354	3112 4233
	May	3223 5544	3434 4332	2222 3212	1123 3454	4223 4331	4113 3342	1232 2333	3222 1112
		9	10	11	12	13	14	15	16
Wi	Jan	3001 1203	1111 1226	3213 2662	2222 5533	4322 4254	3212 3653	3311 2454	3122 4533
	Feb	0133 3451	1323 2342	3122 3432	2211 3230	0011 1335	4553 3342	4322 3544	2112 2102
	Mar	3314 4443	2333 4555	2212 1151	2311 3545	3211 4410	1322 1141	0110 1013	1211 1100
	Apr	0000 1235	3332 3312	3011 1324	4111 1010	0100 0000	0001 1100	1000 2333	5333 3642
	May	0011 1121	1001 1112	1101 1111	1002 1122	0001 0102	0110 1111	3111 0000	0110 2110
	Jun	0111 2211	1101 2110	0111 2211	0101 1100	0101 2111	1001 3223	3222 3333	3122 2212
	Jul	3233 2211	1111 2241	1111 1100	0101 1211	1111 2111	1011 1212	2111 2122	0111 2242
	Aug	2111 1111	1122 2212	3111 1223	3313 2212	1011 1121	0012 2133	1111 1110	1011 1113
	Sep	2101 0031	1111 1212	1112 2113	1112 1112	1001 1222	3212 3210	1111 0000	0110 1101
	Oct	3111 1000	0010 1134	4401 4534	1111 1333	2011 2433	3012 2556	5522 1344	2021 1342
	Nov	1011 0141	0012 3440	0101 1310	2010 0000	0000 0001	0000 1222	1100 0101	1101 0110
	Dec	1100 1122	2002 2101	1001 1100	1102 1111	2101 3544	3422 2210	1011 1134	3235 7753

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1944--concluded

Obs'y	1944	9	10	11	12	13	14	15	16
Ni	Jan	3101 0313	1122 2236	3324 3663	3433 5533	5333 5354	4334 4654	4433 3455	4234 5543
	Feb	2243 4452	3434 4453	4323 4444	3332 3332	1122 2445	5654 4343	5322 3544	3222 2213
	Mar	4424 3444	3344 5555	3323 2253	4333 4554	4232 4432	3333 3241	1211 1133	2312 2211
	Apr	2210 1345	4443 3413	4122 1434	4211 2121	1100 0000	0002 1110	2011 3334	5433 4633
	May	1111 1142	3101 1113	2211 2222	2013 2233	0111 1112	1211 1111	3211 1000	0111 2121
	Jun	2212 3312	3212 2321	1111 1332	2111 2110	0212 2233	2212 4123	4332 3543	3223 3333
	Jul	4323 3322	2211 2331	2211 1111	1212 1312	3111 2221	2122 2322	3322 3132	1212 3342
	Aug	3222 2321	2232 3322	4221 2234	4423 3313	3111 1131	2011 2243	2212 2121	1102 2213
	Sep	3211 1132	1211 1333	2222 2224	2223 2123	2101 1333	3312 3321	1111 2101	1210 2211
	Oct	3111 0001	0111 1134	5511 2534	1222 2334	3122 3434	3112 2545	5433 2346	2122 2333
	Nov	2121 1142	0012 2540	0101 1310	2011 0000	0000 0011	1000 1122	2100 0012	1211 1100
	Dec	2211 1222	2102 2111	1112 1100	1101 0121	2123 3544	3442 2210	1011 1134	3335 7852
Sw	Jan	3111 2313	1112 2235	3323 2643	3333 5433	4333 5354	3223 4643	4322 3455	4223 5533
	Feb	1233 4442	2333 3342	3-33 3433	2322 3231	1112 2435	4543 4343	4322 3444	2222 2212
	Mar	4-24 3443	3343 5554	2323 1252	3332 3444	3222 4421	2333 2241	1221 1123	2322 2211
	Apr	1-12 2244	3343 3312	3122 1423	4222 2121	0111 1010	0112 1110	2121 2333	5333 3523
	May	1122 1132	2111 2112	2121 1121	2122 1222	0111 1211	0222 1111	3222 2110	0121 2121
		17	18	19	20	21	22	23	24
Wi	Jan	2222 4444	1214 3543	3311 0423	2111 1334	1100 2120	3000 1130	2101 0013	2100 1310
	Feb	1001 1113	1102 1000	0101 0100	0012 3343	3111 2112	2200 0110	1101 1013	1101 0013
	Mar	0000 0001	0021 1245	5423 2144	2011 0031	1201 0123	3212 3211	0110 1244	0001 0100
	Apr	3301 1112	3011 1012	1001 2111	1100 0110	0000 2210	0001 1101	0001 1000	3321 3221
	May	1111 1012	1101 1101	1000 1121	0011 1000	0011 1101	0001 1122	0101 1211	3233 2132
	Jun	1011 1212	2111 2110	1011 2113	1211 2223	2332 2212	4323 2423	1141 2413	1111 1110
	Jul	1212 2111	1101 1122	2112 3212	2122 3121	1112 2211	1122 2331	1111 1100	0011 1111
	Aug	3101 1011	3143 2442	3111 1111	2012 2112	1111 0120	1111 0102	4111 1221	2221 3311
	Sep	0011 1200	3211 1010	1011 1000	0001 1132	4323 2121	2011 1145	3111 1124	4233 3224
	Oct	2133 2014	3212 1210	1001 1000	0001 0234	1011 0123	1100 1120	0110 0444	4223 2243
	Nov	0001 0013	3000 3311	3111 2321	1211 4544	2000 0000	0000 2101	1000 1110	0000 0000
	Dec	1434 5655	2222 2332	1111 1333	0121 1123	3212 2211	1001 1243	1101 1021	0001 1111
Ni	Jan	3333 4444	2324 3554	3322 1533	3222 3334	3211 2231	3111 1231	2201 0024	2111 1320
	Feb	2111 2123	1102 1100	1111 0100	1013 4444	3222 1223	3301 0111	1211 1113	1101 0023
	Mar	1010 1111	0022 2355	6523 3245	3112 1132	2201 1234	3313 3322	2222 1244	1011 1200
	Apr	3311 2123	4011 1113	2111 0121	3111 0221	1101 2211	1010 0101	0010 2110	3332 3233
	May	2111 1012	2111 1112	1011 2121	1000 1110	1101 0112	0102 2132	1212 3222	3222 2233
	Jun	3112 2213	2212 2212	1212 2113	3322 3234	3434 3332	4433 4524	2242 3423	2222 2211
	Jul	1222 2222	2211 1233	3223 4323	3333 3222	2222 3333	2222 2332	2212 2211	0010 1111
	Aug	4212 1121	3243 3443	4221 1112	3101 2122	2111 1131	2202 1113	4211 2222	2332 3312
	Sep	1111 2211	4211 2121	1100 2010	1111 2235	5423 2232	3112 2244	3211 1235	5343 4134
	Oct	2233 2124	3223 2321	2112 0010	1001 1234	2111 1123	2211 2231	2221 1545	5221 3343
	Nov	0000 0023	3110 3312	3212 2321	2323 4535	2111 0011	1100 0221	2001 1221	1100 0001
	Dec	2544 6655	4332 3432	1222 1333	1222 1233	3311 2222	2111 2343	2111 1122	1001 1110
Sw	Jan	3332 5443	1324 3443	--22 1432	2222 2334	3211 2231	3121 1221	2112 1123	2111 1310
	Feb	2122 2123	1112 1000	0122 1110	1113 4343	2222 1222	3211 1111	1211 1113	1111 0113
	Mar	1112 1101	0122 1345	5423 3244	3122 2222	1211 1223	2-23 3221	1222 1143	1122 1111
	Apr	3212 2223	3122 1112	1111 1110	1211 1111	0111 2211	1122 1101	0011 1100	3221 3222
	May	1121 1101	2121 1111	1112 1110	0122 1100	1111 1211	1121 1121	1122 2222	2232 1223
		25	26	27	28	29	30	31	
Wi	Jan	0000 1114	0001 2235	3111 2232	3111 1131	1111 2213	1201 1112	1100 0233	
	Feb	2011 0001	0010 0011	1000 0010	2101 1021	0111 2232			
	Mar	0011 1234	2233 4114	5534 2342	1001 1224	4332 2231	3221 2424	2112 1012	
	Apr	2110 1133	2111 1333	2113 2242	2211 2241	1112 2221	2342 2213		
	May	0111 1121	2101 1211	1212 2110	1011 2211	3113 2445	3122 3211	1221 1322	
	Jun	0011 1220	1212 4433	3312 2212	1112 2201	3411 1211	2111 2102		
	Jul	0111 1100	1112 1111	0101 1211	1001 1122	1101 1122	1111 1111	2212 1021	
	Aug	0100 1100	0001 1134	1111 1121	1253 3333	1012 2211	2112 2121	2323 1332	
	Sep	2101 1142	4111 1223	0121 1343	1110 1121	0122 2133	0011 4564		
	Oct	2100 0152	3131 0131	2100 1421	1011 1131	0000 1123	2100 1001	2211 2341	
	Nov	0001 0000	3101 1100	0000 0000	0000 0121	0100 0110	2100 2312		
	Dec	1011 2111	1003 3332	3313 5654	4212 2222	1211 1243	3311 3335	1111 2224	
Ni	Jan	0001 2214	0012 2444	3223 3343	3212 1232	2111 2233	1201 1113	1101 1333	
	Feb	3111 0112	1111 0022	2111 1021	2111 2132	1222 2243			
	Mar	1112 2344	3344 5325	7645 3453	2122 2324	5543 2332	3222 3424	2222 3033	
	Apr	3211 1233	2221 2333	3213 3344	3212 3342	1223 4331	3343 2323		
	May	2211 2232	3211 2321	3323 2221	1222 2323	4323 3545	4323 3221	1212 2423	
	Jun	2111 1331	2212 4444	3313 2322	1212 3222	3421 2311	3222 2212		
	Jul	1111 1100	1213 1212	0111 2322	1101 1223	2212 1232	2212 2222	2323 2122	
	Aug	1201 1210	1110 2234	3211 1232	2244 4334	2112 2222	3222 2232	3334 2443	
	Sep	3212 2144	4222 3333	1232 2443	1211 1232	1312 2133	1112 4665		
	Oct	3211 1153	4333 1342	3111 2422	1221 2232	1100 1223	3110 0012	3322 3443	
	Nov	0001 1010	4110 1211	0110 1000	1000 0121	0110 1101	2101 2312		
	Dec	1001 0102	1103 2333	4323 5655	5122 3322	1322 1343	4322 4435	2111 3224	
Sw	Jan	0121 2213	1112 2334	2222 2242	3222 1231	2211 2222	1111 2112	1111 1233	
	Feb	2212 1111	1111 1111	2111 1111	2111 1132	1122 2233			
	Mar	1122 2234	3344 4224	6535 3432	1122 2324	4433 2332	3222 2424	2222 2122	
	Apr	3221 1132	2211 2223	2112 2343	3222 2342	1222 3221	2333 2323		
	May	1112 2131	3221 2221	2333 2211	1122 2222	3223 3424	3233 3211	1122 2322	

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1945 AND 1946

Obs'y	1945	1	2	3	4	5	6	7	8
Do	Jul	3543 3444	4610 2212	3211 3021	0122 3424	4324 2234	3354 3422	2221 3224	3512 3333
	Aug	1001 2232	6522 3242	3222 3220	1112 2002	0012 3320	2311 3211	0112 3320	2001 2321
Wi	Jan	1112 0153	3120 1312	1112 1240	0000 2344	1101 1120	3102 2012	1102 2003	1001 1110
	Feb	2111 1111	1001 4433	3201 2311	0101 1221	1443 2131	3113 1121	1002 2130	2113 4343
	Mar	1102 1001	0001 2301	3121 1121	0001 1013	2102 2455	2112 3443	3112 2221	2323 3411
	Apr	2335 4444	4211 1331	2300 1100	0011 2310	0012 2354	1223 3532	3331 1115	3223 2311
	Jun	---1 1120	0100 1121	1211 2101	0101 3111	1111 1212	2334 4424	3232 3232	3333 3323
	Jul	5433 4443	4213 2211	3221 2211	1133 3313	3334 2232	3343 3322	1211 3134	2421 2333
	Aug	1012 2132	4422 3342	2222 3111	1112 2113	2112 3320	2313 2211	1122 2222	2003 1331
Ni	Jan	2102 2253	4121 2322	1112 2341	0001 2354	2111 1130	3112 2123	1202 2133	2111 2111
	Feb	2211 1211	1112 3443	3211 1211	1211 1212	3443 2232	4213 2132	1122 2241	3223 3424
	Mar	1112 1211	0002 3411	3232 2331	1101 1123	3202 2455	3222 2553	3222 1332	3434 4411
Du	Feb	2222 3221	0223 4443	3210 2321	1323 2332	3424 3330	3314 2232	1133 3341	2133 4424
		9	10	11	12	13	14	15	16
Do	Jul	3101 3211	1000 1121	0001 2120	0211 2111	1002 2001	2102 2200	0001 1110	1100 4433
	Aug	1100 1100	0001 2010	2000 1122	2201 1210	1022 2203	3312 3341	2112 2224	4112 2221
Wi	Jan	1011 1215	4342 3340	1001 1021	0000 1144	3311 1000	1101 2101	1322 3653	3221 1134
	Feb	3123 3343	1213 1121	2221 1311	2331 1203	0001 1001	0001 2212	3323 3244	4221 3253
	Mar	0001 0134	1101 1113	5413 4442	3114 4466	3112 2121	1112 1244	5433 3556	3213 2443
	Apr	1100 0010	1100 2001	0123 5434	4322 1353	2222 2123	4312 2344	3223 1123	1011 1122
	Jun	1232 3332	2322 2323	3211 2231	0111 2111	0112 2211	1111 1111	1001 2111	0011 1221
	Jul	3122 2221	1001 2321	1110 1221	1111 1111	1112 2201	1102 2100	1102 1121	1203 3233
	Aug	1011 1111	0012 1100	2001 2113	2111 2211	1113 3214	4323 3432	1112 2334	4112 2112
Ni	Jan	1111 1325	5443 3330	1000 0022	0010 2233	3321 0100	1011 2111	2343 4654	4322 2244
	Feb	4223 3333	2223 0122	3332 1322	2330 1303	1111 1101	0001 1123	4323 4254	4223 4353
	Mar	1112 1234	2112 1113	5434 5432	3225 5566	3112 2121	1121 2344	6444 4646	4323 3534
Du	Feb	4333 4343	2334 2233	2232 3222	1231 1212	1233 3201	1332 2343	3344 5344	4333 5463
		17	18	19	20	21	22	23	24
Do	Jul	1022 1453	2212 3112	2212 1102	1000 1100	1001 1200	1001 1120	0000 2324	3023 3220
	Aug	0011 2210	0001 1120	0001 0010	1000 1000	0003 3321	0002 2453	5311 2201	1200 0000
Wi	Jan	3113 1251	0001 1123	2211 1242	2222 2111	1110 1103	1000 1111	1100 0011	0000 0000
	Feb	1111 1353	2111 1103	2111 1012	1001 1201	0001 1111	1002 2114	1002 2212	2101 1221
	Mar	1111 1223	1102 2334	3101 1111	3011 1066	1102 2151	1101 0000	1111 0011	0102 2321
	Apr	21-- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----
	Jun	1112 2311	1221 2232	1111 1233	2113 2211	1101 1211	0111 1211	1122 1110	1111 1012
	Jul	1113 2443	2112 2132	2212 1113	0001 1101	1112 2210	1102 2130	1012 4444	4112 2221
	Aug	1021 3210	0012 2110	0002 1110	1012 1000	1113 3320	0111 2442	3312 2111	1111 1100
Ni	Jan	3313 2352	1000 1234	2331 2352	2322 3222	2221 2123	2111 1212	1211 1022	0001 0000
	Feb	1222 2453	3111 2113	2012 2112	1011 1312	1100 0011	1111 3124	1103 3222	3202 1242
	Mar	3112 1333	2112 2333	3212 2211	3122 2165	2213 2251	1211 1110	1111 1021	0112 2332
Du	Feb	1233 3452	2233 3214	2143 1123	1232 2222	1232 2121	1133 3224	1224 4233	3332 3233
		25	26	27	28	29	30	31	
Do	Jul	0002 1111	0012 2210	1000 0200	1112 4222	3002 2325	4413 3323	3220 0101	
	Aug	0010 0101	0001 3200	1101 2343	7732 3443	3222 2202	0002 1221	0110 1022	
Wi	Jan	0001 1000	0001 2232	2001 1111	2110 1144	5422 3564	3422 3321	0101 1003	
	Feb	5212 2152	1101 4553	3121 3252	1111 1241				
	Mar	2102 2413	4343 3555	3213 2344	2246 5311	2223 3233	0101 1110	1000 1123	
	Apr	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	---- ----	
	Jun	3222 1121	1101 1112	2333 3221	2111 2212	1101 1110	1211 3432		
	Jul	1112 2111	1011 2321	1001 2210	1224 4223	3113 3325	4423 3233	3112 2101	
	Aug	0111 1100	0001 2211	1111 2333	5633 2341	2122 2112	0002 2111	0112 2013	
Ni	Jan	0001 0111	1012 2333	3112 2120	3101 1345	5532 3565	3423 2412	1211 2113	
	Feb	5322 2152	2222 2654	4231 3363	3211 1342				
	Mar	3111 2425	5454 4555	3223 3445	3346 6332	2333 3233	1221 2221	1110 1213	
Du	Feb	5233 3343	2333 3664	3243 4452	2222 3242				
	1946	1	2	3	4	5	6	7	8
Me	Jan	1134 3221	1123 2220	0057 6653	5576 4443	2143 3211	1132 2221	0003 3122	0210 1111
	Feb	0002 1101	2243 0110	0001 3222	2114 5312	3322 3312	2113 5222	2148 7766	7777 6633
	Mar	3576 2223	3442 2111	1110 0021	2255 3324	5234 5432	3354 4222	2135 5211	1010 2111
	Apr	4174 3322	2435 4323	1032 3211	2103 2323	1011 2222	1121 2222	2454 4300	0145 3112
	May	1242 1222	3231 1121	2300 1122	2324 1211	1100 0123	4465 3325	4765 5323	3775 6232
	Jun	2332 3223	3121 1221	1111 1110	~~1022 1135~~	~~3122 3311~~	~~0246 5222~~	2028 8633	5343 4422
	Jul	1010 1220	2234 5222	3367 5311	2104 5111	1000 1111	2001 2222	2757 6456	6444 4332
	Aug	3121 3222	1112 2112	2211 1101	1000 0111	0111 1121	2043 3222	3454 6532	2321 0122
	Sep	0011 2212	3150 1122	2122 2222	3257 4323	2155 4322	3320 0000	0155 5533	3254 4223
	Oct	3477 4522	3343 4221	2432 4311	3355 2221	2234 5421	2564 2233	1456 4421	1100 0121
	Nov	4467 5523	0143 3101	1030 0000	0014 3111	0234 3321	1257 5512	3210 2110	0000 2001
	Dec	0110 0311	2131 3212	3244 2110	0230 1110	0134 3321	1330 1111	3331 2221	22-- -001
Ag	Apr	5353 2234	4534 4333	1111 2322	3322 2322	2111 2333	2322 2333	2442 3310	1243 3232
	May	1331 2233	4232 2222	2312 1233	3223 2232	1311 1234	4564 4235	4886 4232	4774 4333
	Jun	2332 1323	4322 2232	1111 2211	1123 3221	0111 2244	3234 3222	2135 6542	5444 4444
	Jul	1112 2---	---- -222	3465 3322	1103 3221	2111 2222	1011 3223	3665 4465	5433 4332
	Aug	3221 3322	2111 2222	2222 1331	1110 3222	1122 3333	2113 4222	3433 4444	2110 2232
	Sep	1011 2321	2252 2332	2211 2323	2345 3333	3143 3223	2421 0112	1255 5333	2233 2133
	Oct	4455 3322	1442 4212	4441 3312	3333 2232	1433 4432	4433 2233	2344 3321	1210 1122
	Nov	5446 4333	2142 2213	3131 2212	2113 2113	1223 4232	2345 5423	3411 2221	1102 2222
	Dec	0010 1332	1131 3222	4233 2121	0221 2221	1223 2333	2321 2222	4431 2321	3412 1210

1122 3211
0012 1124 (volume 12 p. 22)
4246 5222

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1946--continued

Obs'y	1946	1	2	3	4	5	6	7	8
Ni	Jul	1211 3211	1232 4221	2344 3321	0111 3210	1112 2100	1211 2221	1435 3443	3223 4422
	Aug	2221 3311	1221 2222	1222 1210	1111 1121	1113 2221	1112 4222	2433 4452	2210 1333
	Sep	1112 2111	2231 1132	2112 2324	2233 3424	3222 3313	3311 0000	0133 3343	2232 2233
	Oct	3244 3352	1332 3322	3342 2312	3344 3332	1323 3451	2343 2344	3332 3321	1221 0122
	Nov	3333 3445	2232 2132	2121 1112	2012 1222	1224 3433	2223 4344	3322 2211	0022 2123
	Dec	1101 1223	3121 2333	5322 2211	1221 1232	2223 3333	2222 2123	2331 1323	2312 2111
Eb	Jan	1112 1232	3000 0320	0046 6776	5433 3444	1221 1013	3010 0231	0001 0131	1110 0090
	Feb	0000 1200	2221 0011	0000 3934	2111 2312	2200 3223	3111 3023	2037 7766	8778 7654
	Mar	4342 1102	4222 2112	1100 1011	2223 3334	3114 33--	---2 2224	2212 2222	0000 0222
	Apr	3232 2232	3223 2334	0001 1231	2100 1122	1010 1231	2100 1022	3332 2331	1130 0033
	May	0220 1223	3112 1002	2100 0132	3102 21-0	1101 2234	3444 3326	5544 5312	2353 4234
	Jun	2111 1211	2101 1111	1000 1010	0221 4210	0000 0054	3223 4321	2113 6553	3244 4534
	Jul	0000 0221	1222 2222	2343 3321	0100 0010	0000 2100	2100 0222	2545 3455	5444 4332
	Aug	1111 1110	0110 1111	0000 1110	0000 0010	0002 1011	1001 2111	2344 3453	2200 0322
	Sep	0012 2211	2220 0021	1000 0223	2144 4324	4232 3233	2300 0000	0044 3223	1113 3133
	Oct	4455 5544	3344 5443	3333 4432	3331 2422	1223 4541	2232 2343	2223 4531	1201 0222
	Nov	4334 4543	1221 2122	2110 0001	2001 1012	0223 3233	3334 5534	3321 1111	1101 2222
	Dec	0000 1232	1000 1123	3211 0000	0000 0122	2213 3333	2100 1113	2310 1332	2321 1111
		9	10	11	12	13	14	15	16
Me	Jan	0012 1212	0001 1211	0555 3322	0235 3111	0001 1110	0211 0100	0022 0111	1222 2100
	Feb	0145 3423	1234 5521	1233 3111	0113 3322	2146 5212	0066 4443	3462 3221	0001 1123
	Mar	1010 2433	5566 5455	5455 4333	1231 1111	0112 1111	0003 1120	1046 5111	0011 1111
	Apr	2136 6623	3014 3311	0222 2111	1203 2323	2455 3233	3146 7334	6676 8542	2211 1222
	May	4566 7655	4535 3233	4575 5422	2214 3223	4451 1122	3210 1221	1112 2122	1124 3222
	Jun	3566 5432	2011 2322	2356 4222	1226 6534	5636 6321	2273 3222	1233 2122	2036 4236
	Jul	5223 3422	2224 2334	3455 3231	2353 2122	1002 2111	0033 4422	2533 2211	2024 3333
	Aug	3001 1021	1001 1233	3554 3333	4352 1223	4232 2121	3276 6344	5433 3334	3256 3234
	Sep	2221 3333	3066 4223	2144 2221	0354 4222	2320 2112	2033 1122	1132 1212	2101 2554
	Oct	5565 4334	3123 2123	1200 2122	344- ----	--51 1111	0014 1112	0123 2111	0030 0110
	Nov	2103 2212	2101 1222	4433 2201	3553 1211	0021 1212	1112 2211	0055 3332	3453 3313
	Dec	1011 1011	1013 3412	1003 2333	1105 4311	1043 3311	0010 0100	0002 1000	0020 0001
Ag	Apr	2235 4534	5113 3111	1232 1222	2211 3335	3554 3334	3224 5334	6576 6443	3411 2223
	May	4554 5555	4453 3334	4685 5332	3313 3233	4431 2223	2311 2132	1212 2122	2323 3232
	Jun	6554 4422	2222 2333	2354 3322	2434 4434	4455 3322	2243 2332	1343 3232	2134 3254
	Jul	5334 3333	4323 2433	5433 3332	2333 2222	1112 3122	2234 5433	3522 2332	2114 3433
	Aug	3111 2222	0012 2333	4543 4444	4342 1334	3332 2232	3366 6366	5523 3443	4344 3344
	Sep	3212 3333	2155 3224	3123 2333	1143 3233	1421 3232	2022 1322	1121 2312	1112 3474
	Oct	2564 3335	2122 2133	3321 3321	4331 2212	3111 1122	1032 2222	0123 3122	1133 2112
	Nov	2222 3223	3212 3333	5433 2232	3532 3321	1111 2223	0111 2221	1033 3434	4443 3123
	Dec	1011 1221	2112 3422	1112 3333	3114 4322	1131 2221	0100 1220	1011 1121	1010 1122
Ni	Jul	4324 2332	12-- ----	--23 3443	1121 2210	0112 3212	1222 4533	2422 2321	1124 3433
	Aug	2122 1231	1111 2233	3344 5544	4231 2324	3322 2232	2355 5365	4424 3444	3332 2355
	Sep	2221 2442	2134 3225	3223 2332	2233 2133	2311 2122	3123 1123	1121 1211	2112 4574
	Oct	3344 3234	3133 3244	2221 2232	3342 2123	3132 1112	2142 2221	0133 3123	2133 2234
	Nov	3222 3313	3221 2254	4433 2144	4422 2341	1122 2224	1111 1213	1143 3344	4222 2244
	Dec	1111 1131	2112 3423	2112 2354	3213 3433	2122 2221	0010 1000	0001 1101	1001 1123
Eb	Jan	0000 2000	0112 2111	1432 2123	2111 0022	0000 0011	0100 0000	0000 0011	1221 0001
	Feb	3333 2322	2332 2110	2110 2220	1100 1323	1023 2100	0142 1453	3542 3222	1001 2222
	Mar	0000 2432	5432 3455	5334 3333	2010 0000	0002 2121	1101 0020	1023 1222	0000 1012
	Apr	2122 3435	4113 2102	1111 1111	2112 3345	5333 3253	3114 4433	3355 6542	111- ----
	May	4444 5444	3332 2224	3454 4422	2112 2221	2222 1112	2100 1111	1111 2111	1101 3112
	Jun	4333 5432	1110 3322	2233 2233	3333 4345	3324 2221	1121 1121	0122 3321	1012 2224
	Jul	4434 4432	1214 4332	3222 3332	1110 0110	0002 2111	0111 3452	2342 2221	1014 2322
	Aug	2001 1121	0000 1222	2444 4324	3230 1213	3221 1233	1335 5444	4334 3433	2211 1233
	Sep	2211 2342	1033 3215	2213 3322	1012 2122	1201 1013	3111 1022	1121 1211	1101 4565
	Oct	2324 3344	2122 2123	2211 3322	2330 1012	3001 0002	2021 1101	0012 2112	1112 1123
	Nov	2112 2223	3211 1234	4423 3123	3321 2331	1111 1333	1010 1012	0133 3344	4321 2234
	Dec	1100 1021	0011 3333	1001 3344	3104 4423	1111 3311	0000 0000	0000 0000	0000 1013
		17	18	19	20	21	22	23	24
Me	Jan	0364 1122	0224 3322	2311 0001	1100 0000	0000 0011	1443 3001	1134 3123	3356 6433
	Feb	2231 0100	0002 0221	2366 3343	2244 2234	6577 7631	4356 3222	2476 4322	2134 3133
	Mar	4444 5221	1045 2210	1131 1012	2124 4222	2245 5110	1165 4323	3211 1226	6667 8734
	Apr	2121 3110	1044 3322	1021 1222	2101 2221	1020 1212	1057 3232	2567 7867	7576 5543
	May	2421 4222	2355 5322	1013 2322	1121 1224	5476 5445	4786 7544	7455 6444	4644 4525
	Jun	5752 2233	4445 2335	6777 6533	5332 2333	3464 2234	3302 2332	1143 1200	1101 1023
	Jul	4256 4222	3124 3444	4777 6322	3200 1123	3211 2323	2343 2223	4226 5223	1121 2121
	Aug	3466 4323	2031 1123	3211 2232	2200 1121	1001 0000	1100 0000	1000 1131	2021 1122
	Sep	5545 2133	6686 7865	5657 7634	3354 2222	2113 3433	4677 8855	6877 8865	6555 3330
	Oct	1000 00--	---- --11	0001 0222	3554 2221	1111 1122	1142 2111	1322 1110	0023 3221
	Nov	1200 0111	1121 1101	2455 2214	2221 3322	2236 6322	3453 2211	2234 3111	0455 7332
	Dec	1244 3100	1140 1100	1255 6521	1111 1111	0136 3311	2335 3210	0133 5100	1310 0000
Ag	Apr	4221 2212	1233 2232	1231 2213	1211 2322	0021 2222	1135 3343	4577 6779	9887 4554
	May	3522 3332	5443 3322	1112 2211	0221 1335	6465 4455	3785 5454	6344 4445	4543 4434
	Jun	6753 3233	5433 3444	6555 4443	4322 3333	3454 2343	4312 3332	2042 2222	1101 2234
	Jul	4444 3333	2213 4554	5555 4233	3200 1323	3322 2324	3422 3343	4224 3344	1112 2212
	Aug	3565 4323	2132 2322	3221 2233	2301 2221	1113 2222	2211 2321	1111 2332	2232 3433
	Sep	6523 2234	7898 7764	7845 5534	3243 2232	3112 2444	4889 9864	8896 7756	5533 3221
	Oct	1131 1131	1101 1121	1102 2234	4444 3343	2121 1233	2132 2111	1332 2211	1012 2112
	Nov	3301 2222	2112 2122	3344 3234	2322 4332	3435 4333	4542 3322	4334 2111	1444 6332
	Dec	2223 2111	2121 2111	2344 5432	1211 1111	0135 3212	3333 3221	0233 3221	2320 2111

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1946--concluded

Obs'y	1946	17	18	19	20	21	22	23	24
Ni	Jul	3332 3223	2214 5645	4422 5233	3211 1211	2222 2433	2322 2324	3325 4322	0112 3121
	Aug	2334 4434	1222 2223	3212 2221	2223 1220	1222 1102	1110 0000	0112 1111	2231 1212
	Sep	5422 2456	6655 5564	4633 5433	3232 2332	4123 3544	3--- --75	6665 5756	4434 3310
	Oct	1122 2111	1122 2012	1121 1234	3433 2243	3122 2232	1021 3111	3232 2112	1122 3222
	Nov	1322 2224	3222 2203	4242 2334	3312 3342	3234 5334	4232 2422	3222 2101	2333 5321
	Dec	1112 2123	3211 2121	2233 4641	2311 1111	1234 3213	3333 3322	1223 3223	3223 2212
Eb	Jan	0110 0223	---1 2243	3212 0012	1100 0000	0000 1002	3231 1002	2210 1015	2223 5434
	Feb	3220 0000	2100 0222	2343 2355	1211 1246	5234 5651	3332 2332	3342 3341	2011 1033
	Mar	2323 4333	2122 2110	0010 1012	3103 3232	3311 2100	0333 4334	3211 2245	6665 6754
	Apr	---0 1100	1211 1110	0001 1212	1001 2210	0000 1110	0042 2442	3355 6677	6566 6654
	May	2322 3421	2332 2311	0100 0101	0000 0234	3234 4433	3454 4454	4233 4454	2222 3224
	Jun	5321 1223	4211 1323	4443 3333	3211 2222	2332 1232	2112 3331	1120 0110	0101 1022
	Jul	3233 2223	2213 5444	3355 4333	3201 1111	1111 2322	2322 3334	3223 3232	1112 1112
	Aug	3233 4424	0001 0112	3111 1111	1210 0010	0000 0001	0000 0000	0000 0000	2230 0112
	Sep	5533 4445	5666 7766	5566 6655	5444 5454	4444 3466	6889 9887	7788 8866	5565 5544
	Oct	1110 1011	2100 0012	1100 1123	3333 3344	2201 1222	2111 1111	2212 2211	1101 2112
	Nov	1200 1223	3101 1013	4222 2334	2322 4243	3335 5544	3221 0312	2221 1000	0444 6532
	Dec	3112 2113	2211 1122	3213 5553	2200 0000	0014 4423	3232 2211	0223 2213	2101 1000

		25	26	27	28	29	30	31
Me	Jan	2122 3321	2465 3331	2112 1010	0022 1101	1223 2210	0011 1121	1122 2211
	Feb	2345 3112	2113 1121	0100 0100	0000 0021			
	Mar	7688 7775	5666 4443	5525 4424	5677 7766	4234 3322	1111 1322	0244 4323
	Apr	4422 1101	3112 2234	5110 1122	2133 2333	1054 2332	2010 1212	
	May	4663 2333	3313 3222	2121 2121	3243 3331	3353 2121	2100 2222	4475 4321
	Jun	3266 2222	2224 4523	2267 3244	3432 3224	3555 6655	1222 3321	
	Jul	2045 2434	4445 3366	6246 5432	3323 5444	4575 6644	5555 5322	4112 2223
	Aug	2210 1221	2000 0011	1222 2132	1100 1221	1100 0120	0000 1023	6845 6322
	Sep	1011 1122	1123 2122	224- -544	4587 7654	6654 5443	5656 5433	
	Oct	2251 1121	3565 3245	7676 7422	1342 3111	2144 2112	2221 1100	0055 6332
	Nov	1235 4521	2300 0100	0010 0000	0121 0000	0000 0000	0001 0012	
	Dec	001- --33	1145 6312	3454 1121	3253 2111	1142 2100	0100 0000	1021 1100
Ag	Apr	5422 3221	2222 3244	4201 2222	2223 2443	1143 2333	3102 2222	
	May	4342 2433	4412 2222	1131 2323	3332 3433	2333 3233	2001 3333	4363 3332
	Jun	2344 2322	3322 3333	3345 3255	2432 3344	3444 4756	2222 2233	
	Jul	3344 2454	5544 4397	9897 4443	2224 5345	4654 4654	5554 5433	4123 3333
	Aug	3321 2332	1001 2222	2322 2233	2211 2231	1111 1122	1000 1124	5874 4323
	Sep	2111 1121	1123 3222	3355 3444	4665 5667	7432 4334	6655 3333	
	Oct	3243 2112	3553 3236	7766 4435	5333 2212	3333 1222	1132 2211	0044 4433
	Nov	1324 4433	4410 2221	1011 1211	0231 2121	1000 1111	1111 2121	
	Dec	1111 1134	2234 4322	2543 2233	3231 3321	2231 3211	1210 1211	2222 2221
Ni	Jul	2323 1533	3424 33--	---6 5432	1322 4334	4544 4644	4434 4521	3222 1322
	Aug	3332 1210	1111 0220	0222 2112	2200 2221	1110 0211	0000 1234	5654 4322
	Sep	1222 1221	1112 2212	2243 3655	4454 4756	6322 3444	4443 4563	
	Oct	3132 2223	3333 3346	6544 4545	3232 2322	3223 2233	1031 1211	1123 3533
	Nov	1322 3453	3321 2310	1111 0101	0111 2111	0011 1111	1001 2113	
	Dec	2222 2144	2223 3332	2333 2254	4223 3222	2223 2312	0112 2211	2122 2213
Eb	Jan	1101 3220	1231 1430	1200 1111	0001 0012	1221 2211	1111 1012	1010 2213
	Feb	2211 0112	2100 0022	0100 0000	1010 0000			
	Mar	5567 7877	6566 5554	4322 3323	3386 9987	7666 5544	3312 1112	1122 3113
	Apr	5555 4432	3321 2223	3201 0000	1000 1233	1032 1211	2001 1111	
	May	4311 2323	4313 3221	1000 1102	1221 3322	2220 2222	2100 2222	2231 2221
	Jun	1221 0221	0201 233-	---1 2343	2333 3333	3333 4554	3333 2221	
	Jul	2101 1333	3323 3387	8867 7666	5555 5454	44-5 4543	3555 3323	3211 1211
	Aug	2211 1100	0000 0120	1102 1112	1200 0120	0000 0001	0000 0034	5545 5543
	Sep	4444 4443	3332 2222	2233 4665	4356 6777	7655 6665	5456 6664	
	Oct	2111 1113	3333 3335	5433 5453	2111 2322	2212 2213	2111 0100	0012 4444
	Nov	3322 4454	2210 1200	0000 0000	0010 0011	1000 0001	1000 2001	
	Dec	1000 1034	2333 3432	1211 1132	3111 3100	1211 1101	0000 0000	1000 0002

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TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1943 AND 1944

Obs'y Wn	1943	1	2	3	4	5	6	7	8
	Jan	0000 0244	2011 1321	3201 3323	3223 5754	4332 2434	3223 2343	1100 0101	1100 1243
	Feb	3100 1224	1021 2212	3222 2243	2324 3223	3122 3352	4212 2424	2111 0123	3111 0241
	Mar	0001 2321	1243 2111	1123 3134	3233 3355	2332 2533	3121 2243	2202 2232	3312 2323
	Apr	3322 2343	4232 4223	5544 4534	4333 4364	5323 3634	5234 5435	5423 4253	3222 1211
	May	4555 4555	5333 3523	3011 1535	2322 2232	2223 4322	4112 2311	3321 2112	2101 2211
	Jun	2223 3234	1223 3222	1221 2213	2211 2210	2211 3333	4432 3211	1223 4424	3434 5544
	Jul	1121 1211	0112 2124	2433 3322	2223 5554	4543 5555	5545 5444	4333 3434	4344 4442
	Aug	4233 4554	3333 4454	5344 4344	3333 5543	5343 5443	3232 2452	2234 4411	3434 6657
	Sep	5434 4453	5423 5354	5444 5536	3444 4442	4433 2444	4223 1431	3222 2222	3223 3466
	Oct	5434 5465	5334 4665	4344 5645	4333 4423	3222 2242	2211 1111	4213 4335	4235 4455
	Nov	4333 5553	2121 1321	1111 1123	1111 2113	2333 4422	2333 4755	4233 1153	2233 2233
	Dec	0012 2444	1222 2564	3332 4554	4323 4344	3422 3432	1000 0101	1101 1100	1110 1420
		9	10	11	12	13	14	15	16
	Jan	3212 1112	1012 1123	1100 0203	1221 1003	2101 1112	0000 0001	0000 1113	0001 2433
	Feb	2121 1131	0012 1132	2222 2021	2200 1033	2332 3233	2112 1013	3121 1020	0010 0232
	Mar	3222 2233	2111 1123	3112 2254	4423 3554	2111 2002	2322 2302	1001 1211	2334 3355
	Apr	1010 2123	2323 4364	5542 2344	2111 2211	0101 1202	1110 1221	0112 2433	3333 3332
	May	1111 1211	1111 2431	1122 2433	2532 2222	2244 4524	5523 2323	5423 3333	0114 4452
	Jun	3434 4433	2333 3423	1113 5533	1233 3342	6323 3444	4333 3420	1111 1112	2110 0211
	Jul	3254 4553	3544 5422	2343 4434	3332 3443	4232 4443	3111 1120	1222 2332	3311 3333
	Aug	6432 3334	3322 1123	3212 2223	3121 1224	3545 5455	4233 4554	2333 3444	3445 3433
	Sep	5534 4446	5434 4444	5432 4445	4224 2353	4434 3552	5424 3354	4232 3344	3222 3443
	Oct	3454 3664	3332 4732	2233 3244	4332 1244	3211 2122	2111 1132	1001 2001	1211 2113
	Nov	3232 1233	2121 2254	1211 1121	1001 3232	0001 1233	1221 1331	1111 0122	3422 3344
	Dec	2322 1322	3112 2311	1111 1221	1000 0122	3111 0031	0011 3422	2111 0155	4245 5555
		17	18	19	20	21	22	23	24
	Jan	4135 4554	3232 2231	3120 2324	2232 3667	4333 5435	6223 4654	4233 2224	3212 2232
	Feb	3546 4355	3333 4213	3122 2322	0202 2310	0001 1122	0002 2122	2112 1233	3222 2224
	Mar	4123 3113	1032 1331	2123 2335	2244 3462	1212 1222	2223 2455	5433 3354	1122 3511
	Apr	3222 2212	2221 1111	2312 2020	0112 3413	5434 3352	1232 1212	0111 1111	0001 1112
	May	4332 3455	5544 4434	4542 3343	2212 2222	2122 2321	1111 1111	2223 3333	5432 3345
	Jun	2100 1100	0201 0111	1313 4445	6323 4434	4334 5544	3333 2444	3332 5434	4443 4543
	Jul	5112 3334	3324 5444	3332 3434	3212 2322	3233 4423	3334 3333	2222 2321	2221 2211
	Aug	5443 3444	3345 5541	1254 3664	4444 4445	4443 3222	2111 2222	2212 4234	4552 3433
	Sep	3322 3233	1211 1125	4333 2232	1112 3324	4334 3353	4432 4433	3333 2232	3112 2132
	Oct	1223 3234	1011 1334	3222 2221	1112 2363	4221 1001	2124 3645	5211 3224	4225 5555
	Nov	1111 0000	1112 3432	2455 5556	5544 4663	4444 5654	3432 4654	3433 4666	5333 5575
	Dec	5444 3644	4333 5353	4344 4775	5234 5556	5213 3265	3323 4554	2232 4243	3212 2242
		25	26	27	28	29	30	31	
	Jan	2111 1111	4333 1413	2102 3420	0222 2341	3101 1023	4310 0113	0111 2223	
	Feb	1201 1454	5432 2453	3212 2133	2111 1---				
	Mar	1311 1011	2111 1213	2111 1232	0011 1123	2212 3475	4423 3354	3221 2544	
	Apr	2322 2335	5542 2344	4110 2220	1110 1233	4232 3323	3434 3333		
	May	4342 4443	2212 2334	4422 2335	5434 3544	3423 3232	2331 3223	1121 2323	
	Jun	3333 3433	1111 2223	3222 2324	2353 4453	3322 1111	1111 2201		
	Jul	0211 2122	2123 2242	4121 3422	0102 3122	2221 0102	2324 3443	4224 3235	
	Aug	4423 3434	3333 3332	2211 1132	2323 6546	4434 5554	5554 6577	6766 6664	
	Sep	1333 3311	2333 5455	5434 4465	6433 5545	4443 6565	5535 4467		
	Oct	5444 4564	5544 5555	3343 2466	6433 3654	4344 5464	4433 4555	4534 4455	
	Nov	4334 5666	3443 5656	5544 4455	4334 1354	4433 4462	2111 2401		
	Dec	1423 1233	3112 3643	1222 2122	2120 0000	1212 0252	1101 3211	1132 3445	
1944		1	2	3	4	5	6	7	8
	Jan	3112 5452	2121 2341	1111 2001	2111 1134	5222 1433	1100 2133	3111 1222	1112 2231
	Feb	2102 1132	0222 1133	1101 1022	1212 3341	0111 1233	2101 1200	2134 5665	5333 4556
	Mar	2211 1113	3311 3352	2311 0012	2235 4433	2111 3333	3433 3353	4434 6634	2323 4453
	Apr	2122 2254	4377 5553	4433 3333	2234 3432	2314 2354	3344 3543	4223 3345	3213 5343
	May	3223 5444	3444 3322	3222 4322	1113 3354	4223 3331	4224 3453	2233 3433	3212 2122
	Jun	3222 2220	1123 2221	0111 1111	0122 1143	2223 2321	2122 2231	0102 2111	2221 3211
	Jul	3212 2221	2222 2123	1122 3222	2112 2231	2211 2211	1222 2123	2232 2111	0112 2122
	Aug	2223 3223	3211 2234	3444 3223	3223 2121	2213 2213	2232 1212	1101 2211	0101 3331
	Sep	4123 3113	4433 3444	2133 2222	2102 2244	4212 1202	2003 2323	1222 1110	1112 2244
	Oct	3223 3545	1012 2234	3332 3444	2101 1241	2221 1111	2111 1344	2211 2142	1101 0112
	Nov	1101 1113	1212 0112	0012 2311	2222 3423	3422 3445	3322 4122	1011 2233	2111 0001
	Dec	2112 2432	4222 2463	333- ----	---1 1032	1201 1113	3111 1231	1000 0001	0010 1112
		9	10	11	12	13	14	15	16
	Jan	3101 0131	1112 2236	4324 3763	3433 5544	4333 5364	4333 4654	4432 3455	4234 5544
	Feb	1243 4452	3434 3453	4323 3443	3332 4342	1121 2445	5654 4343	532- ----	---2 2213
	Mar	4424 4444	4344 5555	3323 1252	4333 4555	4232 5421	3333 2251	1211 1134	2312 2211
	Apr	2213 3345	3444 4433	3212 2434	4212 1121	1100 0000	0012 1000	2112 3333	5334 4643
	May	1111 1142	3101 2212	2121 1222	1012 2233	0111 1112	1212 1111	3211 1111	1111 1121
	Jun	3211 2211	1112 2322	1112 2322	1111 1111	0222 2222	1211 3223	4332 3423	3233 3322
	Jul	4323 3211	2212 2231	2211 0101	0211 1222	2111 3111	1123 2321	2232 3222	2221 3241
	Aug	110- ----	---2 3322	3212 3223	2221 1222	2222 1110	0102 3233	2211 1110	0112 2223
	Sep	3211 1132	1212 1333	2222 2124	2223 2123	2001 1333	3322 3321	1211 1001	1210 2211
	Oct	3111 0010	0111 1134	5511 2534	1222 2334	3121 3434	3123 3546	6433 2346	2132 2333
	Nov	2121 1142	0012 2540	0101 1310	2011 0000	0000 0001	0000 1121	2100 0012	1211 1100
	Dec	2211 0222	2112 1111	1111 1100	1101 0021	2123 3434	3442 2211	1021 1134	4335 8952

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1944 AND 1945

Obs'y	1944	17	18	19	20	21	22	23	24
Wn	Jan	3334 5554	2324 3554	4322 1543	3222 2334	3211 2231	3111 2231	2201 0024	3111 1310
	Feb	2111 2123	1102 1100	1111 1100	1013 4344	3322 1232	3310 0111	1210 1113	1101 0023
	Mar	1010 0011	0022 2355	6523 3255	2122 1132	2311 1234	3313 3322	2221 1244	1011 1210
	Apr	3323 3324	4222 1121	2112 1221	1211 1121	1112 3111	0012 1110	0111 1010	3323 3333
	May	2112 1012	1122 2022	1102 2121	1100 0111	1122 0112	0111 2132	1112 3322	3233 2223
	Jun	2222 2213	3121 3211	1212 2213	2322 3233	2433 3222	4423 3423	2242 2423	2223 3322
	Jul	1322 2222	2221 1132	3222 4213	2233 4221	1223 3222	2221 2332	1112 2201	0111 1111
	Aug	3201 2122	3233 2231	3112 2111	2110 1111	0122 0011	0111 0113	3213 2221	2323 4312
	Sep	1111 2311	4221 1132	1010 2001	0011 2235	6433 2232	4112 2244	3212 2245	5344 4134
	Oct	2233 2114	3223 2321	2112 0010	1001 1234	2111 1123	2211 2231	2221 1545	5233 3343
	Nov	0000 0022	4110 3312	3212 2321	2323 3535	1111 0011	0000 0221	2100 1211	1100 0001
	Dec	2554 6656	3332 3433	1212 1332	1222 1233	4321 2222	2111 1343	2111 1122	1000 1110
		25	26	27	28	29	30	31	
	Jan	0001 2215	0012 2344	3223 3343	3222 1242	2111 2233	1201 1123	1101 1333	
	Feb	3110 0102	1111 0022	2111 1011	2111 2132	1222 2243			
	Mar	1112 2344	4344 5325	7644 3453	2122 3335	5543 3342	3222 3434	2222 3033	
	Apr	3223 2233	3323 2333	3223 3243	3312 3342	1222 3232	2343 3222		
	May	1211 2232	3212 2221	3223 3110	0122 2222	3224 3435	3334 3212	1222 2423	
	Jun	1102 2221	2322 4444	3223 3333	3212 3322	3422 2222	2223 3222		
	Jul	2211 1100	1123 1111	0021 1222	2220 2233	2111 1222	2212 2322	2212 2122	
	Aug	0011 1100	0012 2223	1120 1231	2243 3232	1122 2212	2123 2121	2212 2432	
	Sep	3212 2144	4222 3333	1232 2443	1221 1232	1322 2143	1112 4674		
	Oct	3211 1153	4233 1242	3111 2422	1222 2232	1100 1223	3110 0012	3222 3443	
	Nov	0001 1000	4110 1211	0110 1000	1000 0021	0110 1111	2111 2312		
	Dec	1001 0102	1102 2333	4323 4655	5112 3322	1322 2343	4322 4435	2111 2224	
	1945	1	2	3	4	5	6	7	8
	Jan	2112 1253	4121 1322	1112 2251	0000 1354	2111 1130	3112 2123	1202 2123	2001 2111
	Feb	2211 1111	1112 3343	3311 1212	1211 1212	2553 3232	4213 2132	1122 2241	3233 3424
	Mar	1112 1211	0001 2411	4222 2331	1001 1123	2112 2465	3222 3553	3212 2321	3424 4401
	Apr	2355 5555	5222 2430	2310 1000	1111 3311	0002 2364	1334 4633	4331 2225	3233 3312
	May	4222 2241	3422 3321	4223 3433	2111 1133	1111 3212	0111 3321	0000 1023	1111 1111
	Jun	1201 1121	0100 1122	2211 2111	0100 2111	1211 1222	124- ----	---2 3343	3323 3433
	Jul	---3 5443	4212 3323	4311 2122	1233 ----	---4 2233	3444 3322	1212 3234	3423 3343
	Aug	1101 2132	4422 3333	3222 2211	2112 1103	2222 3330	2322 3322	1122 2223	2101 2322
	Sep	1001 2223	2223 1112	1012 2112	4243 4242	3112 2332	2112 2123	1111 2112	1101 0133
	Oct	3211 1243	0221 3201	2001 1100	0011 0011	0211 2343	1010 1133	1110 1145	2113 2311
	Nov	---0 1002	1011 1120	0011 1003	2000 2133	4300 1100	--00 0100	0000 0120	0001 2454
	Dec	0100 0100	0200 1104	1000 1011	1000 0000	0000 1243	3211 3244	3211 0014	4332 4322
		9	10	11	12	13	14	15	16
	Jan	1010 1325	5443 3330	1000 0022	0010 2243	4421 0100	1111 2111	2443 4654	4222 2244
	Feb	3233 3343	2323 0122	3332 1322	2330 1303	0111 1001	0001 1223	5333 4254	4223 4363
	Mar	1111 0134	2112 1113	6534 5532	2235 5566	3112 2121	1112 2344	6443 4656	4323 4534
	Apr	2100 0000	1100 2101	0124 5535	4433 2445	324- --33	3522 3454	4223 2222	2011 0221
	May	0101 3---	--11 3335	2433 4443	3311 2244	1211 2334	3112 3423	2110 1112	2212 2323
	Jun	2222 2442	3323 2422	3211 2231	0212 1121	0222 2312	1100 0221	1111 2110	1011 1212
	Jul	3211 3311	1100 1221	1110 1221	1311 1110	2101 1102	1101 1210	1101 1121	2201 4434
	Aug	2100 1111	0011 1111	3100 1123	2211 1221	2223 3304	4332 3341	2212 2334	4222 2222
	Sep	2111 1212	2012 1131	1112 2355	5333 3221	1112 3242	1100 1120	101- ----	---1 1223
	Oct	1221 1200	0001 1100	0000 0001	1024 4654	3232 2133	2120 1444	1112 2212	1221 3431
	Nov	4454 3554	4332 2113	3332 4351	4322 1252	1231 1233	2111 1231	2222 1332	2222 3445
	Dec	4212 3423	1211 1100	2001 0110	0000 1131	0001 3465	5655 5511	1222 2224	2000 0022
		17	18	19	20	21	22	23	24
	Jan	3313 2352	1000 1234	2321 2352	232- ----	---1 1113	2111 1212	1110 0021	0000 0000
	Feb	1222 2453	3121 2103	2012 2112	1001 1312	1100 0012	2012 2124	1003 3222	3212 1242
	Mar	3212 1333	2212 3333	3201 2111	3011 1165	2212 2251	1211 0000	1101 0021	0113 2333
	Apr	2101 1110	0211 1003	3101 3234	4223 3320	1001 2112	2002 2353	2222 3424	4233 2342
	May	3212 2333	2112 3424	2212 3324	3332 1321	1211 3422	1101 1211	2233 1321	3321 3330
	Jun	2112 3411	1210 1222	1110 2223	3223 2221	2210 0211	0000 1211	1112 2210	1211 1021
	Jul	2123 2553	2323 2222	3322 1112	0011 1111	1111 1310	1211 1131	0100 3435	4223 3220
	Aug	1112 2321	0011 0120	0001 1011	1101 1000	1113 3321	0011 2442	4411 2211	1200 0110
	Sep	5444 4554	5344 4655	5212 2132	2323 1220	0011 2233	2211 2221	2100 0000	0000 0122
	Oct	1122 1242	2122 1122	2101 2155	3201 2144	1012 0234	0002 2333	2011 1013	4434 5565
	Nov	3213 3010	0111 1010	0000 1111	0101 0001	0000 0023	3210 0001	0100 1220	0001 0001
	Dec	4411 3322	2001 2122	1101 1346	4322 2364	3522 2102	1000 0000	2100 1354	3223 3410
		25	26	27	28	29	30	31	
	Jan	1001 0000	0011 2332	2111 2220	3110 1355	6542 3565	3423 2412	1211 1113	
	Feb	5322 2152	2212 2655	4231 3363	3211 1342				
	Mar	3110 2425	6444 4555	3234 3445	3356 5332	1233 3333	1221 1210	1000 1223	
	Apr	3212 2211	0000 2200	2200 0001	0001 2211	1002 3332	1123 2443		
	May	2532 2343	2011 2332	2111 3342	0103 2422	4112 1333	3222 4534	3223 3311	
	Jun	3311 1132	1100 2122	2333 3311	2122 2312	1200 1000	121- ---		
	Jul	2102 2112	1112 2221	2100 0110	1234 4233	3112 2325	4422 3322	3211 0002	
	Aug	0121 0100	0000 2211	2101 2342	562- ----	---3 2212	0001 1121	0100 1123	
	Sep	1113 3223	1011 1331	1224 3222	2222 1122	1111 0232	3243 3233		
	Oct	6524 5431	1000 0002	0101 1224	6532 2544	2112 2324	2001 4321	210- ----	
	Nov	0000 2232	0001 1002	1110 0022	0010 0012	1221 1152	1100 1011		
	Dec	0023 4654	5333 3343	3323 4463	4332 5434	1322 2334	3212 2120	2211 2012	

TABLE 4a--K-INDICES RECEIVED AFTER COMPLETION OF TABLE 4, 1946

Obs'y	1946	1	2	3	4	5	6	7	8
Wn	Jan	1111 2342	3101 2430	0136 6766	6543 2665	3221 2133	3121 1452	0111 2342	1111 1131
	Feb	0000 1111	3222 2122	1001 3333	2112 3313	3311 2333	4132 3033	4138 6768	9666 6643
	Mar	5543 1213	5324 2101	2110 1132	3333 2356	4335 4433	2323 4433	2222 2133	1121 0133
	Apr	5343 2243	4333 4335	0112 2322	2211 1113	2122 3233	2212 2133	3332 2321	1033 2133
	May	0220 1123	4121 2212	2221 0142	4113 2321	1111 2234	4554 2436	4654 4222	2553 4343
	Jun	1111 2231	2111 1120	0011 1000	0232 3310	0110 1154	3324 4221	4235 7543	4435 ----
	Jul	1111 3221	1332 3221	2354 2321	0001 3220	1--1 2100	1111 2321	1445 4544	3212 4422
	Aug	3222 2111	---1 2221	1--1 2200	0000 2221	0012 2222	1102 4222	3324 5452	2110 1333
	Sep	0012 2111	2230 0132	2000 1223	2123 3424	3112 3323	3410 0000	0144 4343	3242 2234
	Oct	4243 3353	1342 3222	3331 1301	3312 2322	1322 3451	2323 2254	3222 3321	1211 1122
	Nov	3333 3445	2232 2134	3220 1002	3012 2122	0235 3332	2334 4434	3321 1111	1111 2123
	Dec	1000 0333	3112 2234	5322 1111	1221 1132	2223 3433	3311 2123	3331 2333	3413 1112
		9	10	11	12	13	14	15	16
	Jan	1001 1121	0112 1211	1443 2255	3222 1132	1201 0032	0201 0001	0001 0122	3211 0013
	Feb	1133 3333	1354 3321	2221 2131	0201 2234	2233 3110	0153 2544	3532 3121	1011 2123
	Mar	0110 2453	6454 5466	6333 3344	1111 1001	1123 2232	2111 1131	1133 3332	0111 1113
	Apr	3123 6635	4113 2102	1012 1211	2213 3335	4343 2354	4124 5334	4454 5462	2211 1244
	May	5443 5554	3343 3324	4464 5522	2233 2231	3321 1113	3210 1210	1113 2222	1112 4231
	Jun	---2 4433	2212 3432	2223 4332	1333 5545	3434 5321	2232 2231	0232 3331	1224 4445
	Jul	4324 2332	2213 2333	3422 33--	---1 2111	0002 2212	1112 4543	2431 2321	1115 3433
	Aug	2112 1231	1001 2233	3443 5444	4231 1325	3322 1232	2354 5366	4434 3444	3333 3355
	Sep	2222 2342	2144 3215	3223 3333	2233 2234	2321 2223	3122 1133	1122 2321	1112 4574
	Oct	2454 3244	3123 3144	3322 2333	3342 1113	3111 1002	2121 2121	0123 2123	1123 3133
	Nov	3222 3224	3212 2254	4433 2244	4433 2341	1122 1234	1110 1113	0133 4344	4332 2144
	Dec	2112 1131	2113 2424	2112 2455	3214 3433	3222 3221	0110 0000	0001 1011	1111 1123
		17	18	19	20	21	22	23	24
	Jan	1121 0434	1112 2353	4212 1033	2200 0000	0000 0113	4331 1003	3322 2125	4333 5554
	Feb	4221 1000	2211 1221	2342 2456	1222 2247	5554 5541	4432 3343	4343 3351	3112 1245
	Mar	3433 3454	3222 2220	1111 1113	3113 3232	2432 3210	1355 4334	4232 2356	8754 6735
	Apr	4211 3111	2212 2220	0001 1312	1101 2210	0110 1110	1133 2352	3344 5769	7665 4754
	May	3422 4431	3332 3311	1111 0201	0110 0335	4333 3553	3554 4454	4344 4564	4323 4434
	Jun	6542 2224	4233 2444	4443 4444	3233 4331	2342 2333	3223 4441	1231 1110	0102 0132
	Jul	3332 3223	2224 5755	5432 6233	3200 1211	2212 3433	2322 3334	3335 5432	1112 3211
	Aug	2334 4334	1122 1223	4111 2222	1221 1231	1101 1003	1201 0001	0002 0101	2231 2222
	Sep	6422 2456	7755 5574	5633 6434	4232 1232	4213 3555	386- ---6	6665 5756	5333 3320
	Oct	1120 1000	1100 1012	1111 1234	4433 3344	3111 1233	1021 2111	2222 3212	1012 3222
	Nov	1311 1114	2212 2103	4232 2345	3313 4343	4334 5334	4332 1522	3222 2100	1333 5421
	Dec	2222 2123	3222 2121	2243 4751	2311 1000	1114 2212	3332 2311	0222 3212	3211 2101
		25	26	27	28	29	30	31	
	Jan	3211 5441	2323 2541	2320 0123	0002 1023	1212 3221	121- ----	---1 2323	
	Feb	3323 2323	3222 1233	1111 0000	1011 1011				
	Mar	7655 9978	5444 3354	543- ----	--99 9997	5455 4333	3212 1123	1243 2124	
	Apr	4321 0000	1112 2233	4110 0000	1112 2343	1142 2223	3112 2121		
	May	5322 3333	3323 4312	1110 1213	2221 2331	2231 2232	2001 3222	3342 2222	
	Jun	2323 3331	2222 4433	2123 3444	2432 4332	244- ----	---2 3220		
	Jul	1323 2534	4424 4487	9996 5432	2322 444-	---4 4664	5--4 5522	3222 2321	
	Aug	3222 1211	1000 1220	1212 3113	1200 2220	1111 0211	0000 0234	5753 4322	
	Sep	1122 2121	1222 2203	2242 3665	4554 4766	6323 4554	4443 3563		
	Oct	3111 1323	4333 2346	6643 5545	2222 2422	3322 2133	1121 0200	0023 4543	
	Nov	2323 3553	4321 2310	2000 0100	1020 1111	1000 0002	2001 2103		
	Dec	2111 2145	1223 3321	2322 2154	4211 3111	2121 2312	0100 0000	2111 1123	

TABLE 5--MEAN K-INDICES FROM TWENTY-SEVEN OBSERVATORIES, 1940

Day	January 1940 Values K_W								Sum	February 1940 Values K_W								Sum
1	2.1	1.6	1.2	1.9	1.7	1.9	2.7	2.8	15.9	3.9	3.1	3.6	3.6	4.1	4.5	4.4	3.9	31.1
2	3.1	2.7	1.9	2.1	2.6	1.5	0.9	3.0	17.8	3.6	2.1	3.0	2.6	2.8	3.0	2.9	2.3	22.3
3	1.6	2.5	2.9	2.9	4.8	7.0	4.6	3.4	29.7	2.4	1.1	1.7	2.4	3.3	4.0	2.6	3.3	20.8
4	2.4	1.9	1.5	3.0	3.9	4.7	4.0	3.5	24.9	0.8	0.8	0.7	0.7	1.1	3.3	2.4	2.3	12.1
5	2.3	3.8	1.4	0.9	0.6	0.7	1.5	2.6	13.8	1.9	0.9	0.9	2.2	3.0	2.6	2.0	2.9	16.4
6	2.6	2.8	2.3	2.8	3.2	3.7	4.1	2.7	24.2	2.3	1.3	1.7	2.8	2.9	2.3	3.7	3.1	20.1
7	2.9	1.5	1.9	2.0	3.7	2.6	2.9	4.2	21.7	3.7	1.9	1.4	1.5	3.0	1.9	2.1	2.1	17.6
8	2.4	2.9	1.9	0.7	1.8	2.0	2.0	2.2	15.9	2.5	1.7	1.7	2.1	1.3	2.0	3.1	2.6	17.0
9	1.9	0.6	1.0	1.4	2.6	3.1	4.3	2.4	17.3	2.7	2.8	1.7	1.2	1.0	1.4	0.4	2.0	13.2
10	1.8	1.8	1.3	2.4	5.8	5.0	4.4	3.3	25.8	1.7	1.0	0.6	0.6	0.6	1.8	2.5	2.8	11.6
11	2.5	3.1	2.8	2.9	2.7	3.1	5.0	4.0	26.1	1.6	0.8	1.2	2.4	1.9	1.3	3.1	3.3	15.6
12	2.7	3.3	3.6	2.6	3.7	3.6	3.3	3.9	26.7	2.7	2.8	1.9	2.2	3.3	4.2	2.2	2.0	21.3
13	1.7	2.1	1.7	1.8	1.1	0.9	1.1	0.4	10.8	2.3	1.1	1.7	1.5	2.6	1.1	2.9	2.4	15.6
14	0.5	0.3	0.6	1.5	0.9	0.7	1.5	1.8	7.8	1.9	1.3	1.0	2.4	1.6	0.8	0.5	1.3	10.8
15	2.6	1.8	0.6	1.1	1.3	0.9	0.8	1.9	11.0	1.7	0.9	1.6	2.5	2.7	1.4	1.5	1.1	13.4
16	2.0	1.5	2.7	2.3	2.9	2.9	2.8	2.3	19.4	1.2	1.4	1.2	2.1	1.3	2.4	2.1	2.1	13.8
17	2.6	2.5	2.7	1.8	4.3	3.7	3.4	3.3	24.3	0.6	0.9	1.3	1.9	1.5	1.9	0.9	0.7	9.7
18	2.3	2.0	2.5	3.2	4.3	6.2	5.5	2.8	28.8	0.2	0.7	0.6	0.4	0.4	0.6	1.1	0.5	4.5
19	2.9	1.1	1.4	2.0	1.9	1.9	2.1	1.5	14.8	0.5	0.4	0.4	0.9	0.5	1.1	0.9	1.9	6.6
20	1.1	1.8	1.2	1.0	2.0	2.3	2.9	1.3	13.6	4.3	3.4	2.9	1.7	2.4	2.6	3.0	2.3	22.6
21	0.4	0.5	0.6	1.1	1.1	1.6	0.8	0.5	6.6	3.0	2.8	2.0	3.0	3.2	3.4	1.8	1.5	20.7
22	0.3	0.9	1.2	1.7	1.1	3.2	3.1	1.3	12.8	2.5	2.1	3.1	2.0	1.9	2.1	2.1	2.3	18.1
23	0.9	0.7	1.9	2.3	2.0	1.4	2.4	2.1	13.7	1.9	1.9	1.8	1.3	1.4	1.0	2.6	3.1	15.0
24	2.1	2.5	1.7	2.2	2.2	3.0	3.9	2.6	20.2	3.3	1.9	1.9	2.3	2.1	2.3	1.8	3.5	19.1
25	2.6	2.7	2.6	1.5	3.6	2.7	1.3	2.1	19.1	3.5	3.7	3.9	4.1	4.8	4.6	4.3	2.5	31.4
26	0.4	0.3	0.4	0.6	0.5	0.8	1.7	1.9	6.6	1.8	1.3	1.5	1.0	1.9	2.1	3.2	2.0	14.8
27	1.3	1.6	2.2	1.0	1.3	1.3	1.0	1.3	11.0	1.5	2.7	1.3	1.1	1.9	0.7	0.6	0.9	10.7
28	1.4	0.5	0.7	0.4	0.4	0.7	1.1	1.3	6.5	0.9	1.4	1.0	1.8	1.4	1.3	1.6	2.4	11.8
29	1.1	0.8	0.6	1.3	2.1	3.5	3.2	2.6	15.2	1.6	1.9	2.4	2.1	2.9	3.6	2.2	1.8	18.5
30	3.1	2.9	2.8	3.2	3.0	3.5	3.1	3.0	24.6									
31	2.7	2.9	3.2	2.8	4.0	4.2	4.3	4.1	28.2									

Day	March 1940 Values K_W								Sum	April 1940 Values K_W								Sum
1	0.9	2.3	2.2	1.9	1.8	1.4	0.9	0.3	11.7	5.3	5.1	4.6	4.9	4.0	4.0	3.8	3.2	34.9
2	0.8	1.1	0.8	1.2	1.1	1.3	1.2	1.2	8.7	2.1	1.9	1.7	1.8	1.8	2.7	5.8	4.9	22.7
3	1.0	1.6	1.4	1.5	1.0	1.7	1.5	2.5	12.2	6.7	6.5	5.6	4.1	4.3	4.3	5.3	3.4	40.2
4	0.4	0.6	0.6	0.6	1.8	0.7	0.9	2.2	7.8	3.0	1.8	2.8	3.4	2.5	2.9	2.9	2.7	22.0
5	1.0	1.2	0.9	1.4	1.1	0.3	0.4	0.2	6.5	2.4	2.6	1.8	2.1	1.3	2.0	2.4	2.1	16.7
6	0.1	0.3	0.6	0.5	0.6	1.2	1.6	1.6	6.5	2.8	2.5	1.9	1.5	1.1	0.7	2.6	1.3	14.4
7	1.4	1.7	0.4	0.9	1.6	0.9	1.2	1.5	9.6	0.6	0.1	0.4	0.8	1.2	0.8	1.7	0.7	6.3
8	2.1	1.9	1.7	1.4	1.3	0.8	3.3	3.9	16.4	0.3	0.5	0.9	1.4	0.8	1.7	1.0	0.4	7.0
9	4.4	4.4	2.5	2.6	1.7	1.9	2.0	1.8	21.3	0.9	0.6	0.6	0.9	1.0	0.7	0.5	0.4	5.6
10	1.2	1.1	1.4	1.5	1.3	1.1	1.7	1.3	10.6	0.4	0.2	0.3	0.4	0.6	0.3	0.4	0.7	3.3
11	1.0	0.6	0.4	0.4	0.7	1.0	1.1	0.4	5.6	0.1	0.7	0.9	1.4	2.3	2.5	1.2	1.1	10.2
12	0.3	0.3	0.4	1.0	1.3	3.6	3.9	4.4	15.2	0.7	1.2	1.4	1.1	1.2	1.0	0.4	0.9	7.9
13	3.1	2.2	2.1	2.2	1.6	2.1	0.5	2.3	16.1	1.9	2.0	1.8	2.7	3.0	3.0	1.5	1.3	17.2
14	1.5	2.0	2.5	2.6	1.1	1.9	2.4	1.7	15.7	1.4	2.6	3.0	2.4	2.1	2.4	1.6	1.6	17.1
15	0.5	0.4	0.1	1.0	0.8	0.3	0.2	0.4	3.7	1.7	1.8	1.9	2.7	3.6	3.6	3.1	2.7	21.1
16	0.7	0.7	1.5	1.1	1.4	1.1	2.8	2.1	11.4	3.0	3.3	2.3	2.0	1.9	2.0	2.8	2.9	20.2
17	1.0	0.5	0.8	1.0	0.6	0.4	0.1	0.3	4.7	2.3	2.4	2.1	1.1	1.0	1.2	1.1	1.0	12.2
18	0.1	0.4	0.3	0.4	0.3	0.3	0.5	0.4	2.7	1.4	1.1	1.2	0.9	1.2	0.7	0.7	1.5	8.7
19	1.3	2.1	2.3	3.1	2.9	4.0	4.0	3.3	23.0	1.9	1.6	1.4	0.7	1.5	2.1	1.3	0.8	11.3
20	3.9	3.7	3.0	3.6	3.5	3.1	3.7	3.6	28.1	0.6	2.0	2.9	2.0	2.6	2.6	2.9	2.3	17.9
21	3.2	2.9	1.5	1.1	1.7	2.2	2.1	2.1	16.8	3.4	2.7	2.8	1.9	1.9	1.7	2.3	3.0	19.7
22	2.7	2.0	1.5	1.4	1.1	1.2	3.3	3.0	16.2	2.3	2.8	3.8	2.4	2.9	3.0	1.7	1.3	20.2
23	1.0	2.0	4.3	4.8	3.2	3.5	4.0	6.1	28.9	2.7	1.0	0.8	0.9	2.6	0.8	2.1	2.9	13.8
24	5.0	4.3	3.7	3.8	6.4	8.6	8.0	7.1	46.9	2.7	0.7	0.6	1.6	2.6	2.0	1.0	1.0	12.2
25	8.0	7.3	7.1	7.3	6.0	3.5	6.0	6.6	51.8	4.1	6.7	3.1	2.0	2.1	4.3	5.5	5.6	33.4
26	5.9	4.7	3.4	1.9	1.9	3.0	5.1	2.4	28.3	5.5	4.0	3.6	3.2	3.2	2.8	3.5	3.0	28.8
27	5.1	4.0	3.0	3.3	2.6	3.3	2.6	3.6	27.5	2.8	2.3	1.5	1.8	2.3	2.4	1.8	1.7	16.6
28	4.2	3.2	2.6	2.5	2.9	2.4	2.9	2.7	23.4	2.3	1.2	1.3	2.3	2.5	2.4	1.6	2.5	16.1
29	2.5	1.4	1.9	4.0	4.6	7.7	6.8	7.3	36.2	3.4	2.8	1.9	1.5	1.7	1.8	1.5	0.8	15.4
30	7.3	7.6	7.0	6.4	6.1	6.0	5.5	5.0	50.9	0.9	1.6	1.5	2.9	2.8	2.8	3.0	2.6	18.1
31	6.0	3.9	3.7	7.2	6.6	6.4	5.0	5.2	44.0									

TABLE 5--MEAN K-INDICES FROM TWENTY-SEVEN OBSERVATORIES, 1940--continued

Day	May 1940 Values K_W								Sum	June 1940 Values K_W								Sum
1	1.8	1.1	1.6	1.2	1.9	2.0	2.6	1.7	13.9	0.6	0.5	1.2	1.0	1.3	1.0	1.7	1.7	9.0
2	1.3	1.9	1.1	0.7	0.9	1.9	1.0	0.4	9.2	1.7	2.3	2.0	1.3	2.7	2.8	1.4	1.9	16.1
3	1.4	1.1	2.1	1.6	1.4	0.9	0.6	1.2	10.3	0.7	0.6	1.1	1.4	2.9	1.9	1.7	1.8	12.1
4	1.7	1.0	1.5	0.9	0.7	0.9	0.7	1.8	9.2	2.0	0.7	0.6	0.7	1.2	1.0	0.9	1.0	8.1
5	1.4	1.3	1.4	2.1	1.4	1.1	1.7	1.3	11.7	1.3	1.5	2.7	2.1	2.2	2.0	2.1	3.7	17.6
6	0.6	0.2	0.3	0.4	0.5	0.4	0.1	0.3	2.8	3.9	4.3	4.1	3.6	3.5	3.3	2.9	3.5	29.1
7	0.9	2.3	2.3	1.6	1.1	1.1	1.3	1.2	11.8	4.5	4.6	3.1	3.6	3.3	2.5	2.9	3.8	28.3
8	1.6	2.0	0.8	0.8	1.7	0.9	0.8	1.2	9.8	4.0	2.8	2.5	2.3	2.7	3.0	3.0	3.1	23.4
9	2.1	3.3	1.8	1.6	3.1	2.4	1.7	1.5	17.5	1.6	3.1	2.9	3.3	2.1	2.7	3.2	2.4	21.3
10	1.3	2.4	2.2	2.9	2.6	2.9	3.3	3.4	21.0	2.7	1.5	2.5	0.9	0.7	0.5	0.7	1.3	10.8
11	3.2	3.1	2.7	2.1	2.4	2.1	2.8	2.2	20.6	1.7	0.5	0.8	1.0	1.1	1.5	0.7	1.6	8.9
12	2.5	3.2	3.2	2.5	2.3	2.3	2.4	3.1	21.5	1.0	0.4	0.4	0.9	1.8	1.7	2.2	1.8	10.2
13	2.4	2.1	1.5	1.6	2.0	2.2	2.9	2.6	17.3	0.4	0.4	0.3	0.6	1.3	1.3	1.4	2.1	7.8
14	2.6	2.6	2.5	2.6	2.5	2.4	2.3	1.6	19.1	1.1	2.1	3.2	2.7	3.7	5.0	4.9	4.8	27.5
15	1.7	3.1	2.3	2.5	2.5	3.0	3.2	2.8	21.1	3.9	4.3	3.8	3.9	3.3	3.4	2.5	1.6	26.7
16	3.1	0.9	0.3	0.9	1.2	1.1	1.3	1.2	10.0	3.3	2.3	3.2	2.6	2.6	1.9	2.3	2.6	20.8
17	2.0	2.2	1.8	2.3	1.9	2.4	3.0	2.1	17.7	2.6	2.9	2.8	2.6	2.8	3.0	2.5	1.9	21.1
18	3.4	4.0	4.9	3.8	4.7	3.0	2.3	2.0	28.1	2.1	3.7	4.1	3.1	1.9	1.4	2.1	1.4	19.8
19	3.1	1.7	2.2	2.3	1.3	1.9	1.6	2.9	17.0	1.5	3.0	2.7	2.5	2.9	2.8	1.6	1.6	18.6
20	1.9	2.3	1.6	1.5	2.9	3.1	1.7	0.6	15.6	1.4	1.1	0.9	0.7	1.4	1.1	1.0	0.9	8.5
21	1.3	3.6	1.3	0.9	0.5	1.1	2.0	2.1	12.8	1.1	1.7	1.4	1.1	1.1	0.7	1.1	0.5	8.7
22	4.0	4.4	4.5	4.0	2.8	2.6	2.3	1.4	26.0	0.7	0.9	0.8	3.5	3.2	2.3	1.9	2.2	15.5
23	1.7	2.1	1.5	2.0	1.0	4.0	4.3	2.7	19.3	3.4	1.7	1.1	1.3	1.1	1.6	2.0	2.0	14.2
24	2.6	5.9	4.9	5.8	5.1	4.0	4.6	3.8	36.7	3.0	3.1	2.8	2.2	3.0	2.6	3.2	3.4	23.3
25	3.9	2.9	0.9	1.1	1.7	2.9	2.5	2.0	17.9	4.2	6.1	4.7	6.6	7.8	6.3	5.9	4.1	45.7
26	2.8	3.8	3.1	2.6	2.6	3.9	4.0	4.1	26.9	4.1	3.1	2.4	2.7	1.5	4.8	3.4	3.1	25.1
27	4.5	3.6	2.1	2.4	1.7	2.3	2.0	3.4	22.0	2.6	2.3	1.6	2.1	2.3	2.1	1.0	0.7	14.7
28	2.7	3.7	3.3	2.7	2.8	2.3	2.1	2.1	21.7	2.2	0.6	0.4	0.9	1.0	2.4	2.5	1.0	11.0
29	2.5	2.1	1.6	1.5	1.7	1.9	2.2	1.3	14.8	0.6	1.2	0.9	0.5	1.3	1.8	3.1	1.6	11.0
30	0.5	0.3	0.9	0.8	1.0	1.0	1.5	1.5	7.5	3.9	3.0	1.1	1.6	2.0	2.4	2.5	1.8	18.3
31	1.1	0.7	0.8	0.5	0.7	0.4	0.4	0.6	5.2									

Day	July 1940 Values K_W								Sum	August 1940 Values K_W								Sum
1	3.2	2.1	1.3	1.3	1.3	1.4	2.1	0.4	13.1	4.1	3.0	0.8	1.5	1.4	2.0	2.0	2.6	17.4
2	0.8	0.6	0.8	0.7	0.9	1.4	1.4	1.3	7.9	1.1	0.8	1.3	1.4	1.6	2.2	4.4	1.9	14.7
3	1.5	1.9	2.2	1.9	2.9	2.3	3.2	4.4	20.3	2.2	2.7	3.7	3.8	4.8	5.0	3.4	1.7	27.3
4	4.1	3.6	3.2	3.1	2.5	2.7	2.7	4.1	26.0	2.5	2.0	2.7	2.4	1.1	1.3	1.9	1.4	15.3
5	3.5	2.2	2.6	1.9	3.0	2.3	3.2	3.2	21.9	1.7	2.5	1.1	2.9	2.8	2.3	2.4	2.9	18.6
6	3.0	2.9	2.3	2.3	2.7	2.2	2.9	2.0	20.3	2.9	2.5	2.9	3.0	2.7	2.6	3.3	3.4	23.3
7	1.8	0.8	1.0	1.1	1.9	2.1	2.0	1.4	12.1	2.3	1.2	2.3	3.1	2.9	3.4	2.9	0.9	19.0
8	1.2	0.9	0.6	0.7	1.1	1.3	1.1	3.0	9.9	2.9	2.1	2.9	3.1	2.3	1.9	0.7	2.1	18.0
9	2.6	2.9	2.4	2.1	3.0	2.7	3.0	3.0	21.7	2.0	2.9	3.6	4.6	4.2	3.8	4.8	3.6	29.5
10	3.3	3.7	4.0	3.5	3.9	3.0	2.4	3.3	27.1	2.3	1.5	1.9	2.6	2.4	2.7	1.4	1.3	16.1
11	3.1	3.4	2.3	2.1	1.5	1.7	2.0	1.8	17.9	2.4	2.5	2.6	2.7	3.0	3.1	3.0	2.9	22.2
12	1.6	2.3	1.1	1.4	1.0	1.0	1.7	0.8	10.9	2.4	3.1	2.5	2.0	2.1	2.4	1.4	2.0	17.9
13	1.4	1.6	2.7	5.1	6.3	4.9	3.8	3.9	29.7	2.3	2.2	2.0	1.4	1.4	1.7	0.9	1.3	13.2
14	2.9	4.0	3.2	3.3	3.0	3.0	2.3	2.4	24.1	1.3	2.6	2.2	2.4	2.4	1.3	1.1	1.5	14.8
15	3.0	2.9	2.3	2.1	2.8	2.6	2.4	2.1	20.2	1.3	0.5	1.1	0.4	1.0	0.6	0.8	0.4	6.1
16	2.6	2.1	2.0	1.9	1.7	2.0	1.6	1.7	15.6	0.3	0.8	1.7	0.5	0.4	0.6	1.2	0.3	5.8
17	1.2	1.0	1.3	1.0	1.0	1.8	0.8	0.5	8.6	0.9	0.6	0.5	0.6	0.6	0.9	1.1	1.2	6.4
18	0.6	0.8	0.5	0.7	0.9	0.5	0.5	1.1	5.6	0.9	0.6	1.0	1.6	2.6	3.9	3.3	3.4	17.3
19	1.4	1.1	0.7	0.7	1.0	1.3	1.7	2.3	10.2	1.8	0.8	1.4	1.4	2.4	3.3	2.7	2.8	16.6
20	1.1	1.3	1.1	0.5	1.3	1.3	1.9	1.7	10.2	2.8	3.2	2.4	2.3	2.2	2.6	2.0	0.9	18.4
21	1.8	1.3	1.7	3.1	1.9	2.2	2.6	2.6	17.2	1.7	2.0	0.6	1.4	2.2	1.6	1.8	2.0	13.3
22	1.8	3.0	4.0	2.7	3.1	2.5	2.3	1.6	21.0	2.1	1.4	1.9	1.8	2.2	3.1	2.9	1.7	17.1
23	2.3	1.7	1.1	1.3	1.9	1.9	1.7	2.0	13.9	1.8	1.6	1.1	0.8	1.4	1.3	2.1	1.1	11.2
24	2.0	3.2	2.4	2.9	1.7	1.8	1.4	2.6	18.0	0.6	0.3	0.3	0.5	0.8	0.5	0.5	0.3	3.8
25	2.8	2.6	2.9	2.6	1.3	2.0	1.0	1.3	16.5	0.3	0.1	0.2	0.3	0.9	1.4	2.0	2.6	7.8
26	2.4	1.8	1.4	1.3	0.9	1.3	0.4	0.6	10.1	2.3	2.0	1.2	2.1	2.9	2.6	3.5	4.7	21.3
27	0.9	1.1	0.9	0.7	0.9	1.6	0.8	0.9	7.8	3.3	3.6	2.6	1.7	1.6	2.3	1.7	2.3	19.1
28	1.7	1.3	1.3	2.5	1.6	1.3	0.7	1.0	11.4	2.7	2.9	2.6	2.4	2.0	1.5	2.1	1.9	18.1
29	1.0	2.0	1.4	1.3	1.8	1.3	3.3	2.5	14.6	2.9	1.4	1.8	2.5	3.1	1.3	1.1	0.9	15.0
30	2.1	3.2	2.3	2.7	3.1	3.1	3.7	2.9	23.1	1.2	0.6	0.4	0.8	1.3	1.4	1.9	2.2	9.8
31	3.4	3.4	3.2	2.7	2.5	2.5	2.7	2.3	22.7	1.7	0.9	1.0	1.6	1.7	1.4	1.5	3.3	13.1

TABLE 5--MEAN K-INDICES FROM TWENTY-SEVEN OBSERVATORIES, 1940--concluded

Day	September 1940 Values K_W								Sum	October 1940 Values K_W								Sum
1	3.6	3.3	3.3	3.7	4.2	3.5	2.1	0.9	24.6	3.7	3.3	2.7	3.1	3.6	5.1	5.7	2.1	29.3
2	0.9	1.1	1.9	2.8	2.6	2.5	3.1	2.7	17.6	1.9	1.3	2.4	2.8	2.6	3.6	2.8	2.4	19.8
3	4.0	3.4	3.3	3.0	3.1	3.3	3.1	3.3	26.5	1.3	2.5	3.3	2.7	2.9	2.8	3.9	2.6	22.0
4	3.6	2.4	2.4	3.5	2.3	2.3	2.4	3.3	22.2	3.5	3.1	0.9	0.7	0.9	2.0	0.9	1.0	13.0
5	2.6	2.7	2.2	2.5	2.1	2.1	2.7	1.4	18.3	2.0	2.6	1.5	1.5	2.2	1.8	1.0	0.4	13.0
6	1.7	1.8	1.5	2.4	2.0	1.6	1.3	2.7	15.0	1.0	0.8	1.4	2.8	3.1	3.3	2.1	3.6	18.1
7	3.8	3.9	3.5	3.7	3.1	3.2	1.9	3.6	26.7	3.6	3.2	4.6	4.0	4.9	4.4	5.5	4.6	34.8
8	3.1	2.0	1.8	3.6	3.2	3.0	1.8	1.7	20.2	4.6	5.1	4.0	3.3	2.9	3.7	3.9	4.1	31.6
9	3.3	3.2	2.0	2.7	2.0	2.4	3.2	3.0	21.8	3.2	1.0	0.9	1.9	1.3	1.1	1.6	1.3	12.3
10	1.4	1.1	0.9	0.3	0.3	0.2	0.3	0.7	5.2	0.3	0.5	0.9	2.3	2.3	1.1	2.6	2.4	12.4
11	0.2	0.1	0.3	1.4	1.6	1.8	1.3	1.0	7.7	2.1	2.1	1.4	1.4	2.3	1.4	0.9	2.5	14.1
12	1.1	0.9	1.0	1.2	1.4	0.9	1.1	0.7	8.3	2.7	1.6	0.9	2.3	2.1	2.2	1.7	2.8	16.3
13	0.3	0.3	0.3	0.7	1.6	2.0	1.3	0.3	6.8	1.4	0.9	1.0	0.9	1.3	0.8	0.6	0.8	7.7
14	1.7	2.4	1.1	1.0	2.1	3.0	4.8	3.2	19.3	0.3	0.5	0.4	0.9	1.0	0.5	1.1	1.0	5.7
15	1.5	3.2	2.6	1.8	2.6	2.6	2.5	1.5	18.3	1.6	2.4	2.8	3.6	2.9	2.6	2.6	2.3	20.8
16	0.9	2.0	1.8	1.4	3.7	3.7	2.3	0.9	16.7	0.9	0.5	2.3	1.9	2.0	2.9	3.7	1.4	15.6
17	0.3	0.3	0.9	0.8	0.8	0.9	1.0	1.5	6.5	1.9	1.2	0.3	0.5	1.6	1.1	1.3	2.6	10.5
18	0.3	0.3	1.1	1.1	0.6	0.9	1.7	1.5	7.5	1.9	1.8	3.5	2.0	1.9	1.8	3.0	3.1	19.0
19	1.0	0.7	0.8	0.7	1.0	0.6	0.4	0.8	6.0	2.2	2.7	3.2	3.2	3.0	2.1	3.3	3.2	22.9
20	0.5	1.1	2.1	2.2	3.3	3.2	2.4	2.3	17.1	2.0	2.0	1.7	2.0	1.3	1.1	2.1	3.3	15.5
21	2.0	2.1	2.3	3.5	3.3	2.2	1.5	1.3	18.2	2.1	1.6	2.7	3.5	2.4	3.0	3.5	3.3	22.1
22	0.6	0.6	1.5	2.6	2.7	1.7	2.4	1.3	13.4	2.0	2.7	3.7	3.1	3.1	1.0	1.8	0.9	18.3
23	0.7	0.3	0.3	0.6	1.3	0.5	0.7	0.7	5.1	0.3	0.4	0.7	0.4	0.4	0.4	0.3	0.2	3.1
24	0.7	0.9	0.3	0.3	0.3	0.7	1.1	2.3	6.6	0.3	0.5	0.4	0.6	0.8	0.9	0.6	0.2	4.3
25	2.5	3.2	3.0	3.0	2.5	3.9	3.2	3.6	24.9	0.7	0.5	0.6	1.7	2.8	3.1	4.1	4.6	18.1
26	1.5	0.3	0.4	0.6	0.9	5.8	6.3	4.6	20.4	2.7	2.0	2.7	3.6	4.6	4.9	4.2	3.6	28.3
27	5.6	4.4	2.7	2.9	2.7	3.9	4.6	4.2	31.0	2.6	2.7	2.5	3.1	3.1	3.3	2.6	2.1	22.0
28	3.7	4.0	4.3	4.0	3.5	4.1	4.0	2.9	30.5	2.5	2.3	1.6	2.4	2.1	2.1	3.6	1.7	18.3
29	2.7	1.9	2.1	2.3	2.9	1.7	2.7	1.6	17.9	0.8	2.5	1.3	1.3	1.4	0.9	1.0	0.6	9.8
30	1.2	0.7	0.5	0.4	1.3	1.7	3.4	2.6	11.8	2.0	1.6	1.1	0.9	1.1	0.6	1.2	1.6	10.1
31										1.9	1.3	1.7	2.3	1.9	2.3	1.5	0.9	13.8

Day	November 1940 Values K_W								Sum	December 1940 Values K_W								Sum
1	1.3	2.6	3.4	3.3	2.7	1.7	2.0	0.4	17.4	1.7	2.5	2.2	2.7	2.1	1.9	2.9	2.7	18.7
2	0.9	1.7	2.6	2.4	1.1	0.4	0.3	1.5	10.9	3.2	3.1	2.1	4.0	3.3	3.8	3.0	3.6	26.1
3	2.0	2.5	2.4	3.4	2.3	1.6	2.1	1.8	18.1	2.8	1.9	1.0	3.5	3.0	3.3	2.4	3.3	21.2
4	1.9	2.7	2.9	2.0	3.8	4.3	4.1	3.7	25.4	1.5	2.2	1.8	2.1	2.7	2.9	3.0	1.2	17.4
5	3.4	3.3	3.1	3.4	2.7	1.8	2.5	1.2	21.4	2.0	2.4	2.2	1.6	1.6	1.8	2.0	1.7	15.3
6	1.9	1.8	1.9	1.9	1.4	1.4	2.0	1.3	13.6	1.6	1.6	0.8	1.2	1.0	1.0	1.6	1.1	9.9
7	1.4	1.6	2.7	2.9	2.7	0.9	1.1	1.3	14.6	1.2	0.6	0.6	0.8	0.6	0.3	0.3	0.3	4.7
8	1.5	0.6	0.9	1.1	1.4	0.7	0.7	0.7	7.6	0.3	0.5	0.3	0.6	0.4	0.4	0.8	0.4	3.7
9	0.9	2.6	2.6	2.5	3.2	2.9	2.2	1.3	18.2	1.4	2.2	2.9	2.9	3.3	1.9	1.6	2.3	18.5
10	0.7	1.0	0.4	0.9	0.3	0.6	0.6	0.6	5.1	1.4	2.7	1.5	2.3	1.5	4.0	2.4	1.7	17.5
11	0.5	0.5	0.6	0.4	0.6	0.3	0.4	1.9	5.2	1.6	1.4	1.6	1.6	0.7	1.8	2.0	3.4	14.1
12	1.9	0.5	2.3	4.1	3.2	3.4	4.3	5.0	24.7	2.6	1.6	2.1	1.9	2.1	3.5	2.0	1.9	17.7
13	5.2	5.1	5.1	3.0	3.2	3.3	2.2	2.1	29.2	3.0	2.0	1.9	3.1	1.3	1.7	2.1	1.6	16.7
14	2.7	2.8	2.4	2.6	3.0	2.4	2.7	3.7	22.3	2.0	1.3	1.9	2.9	3.0	4.0	3.8	2.9	21.8
15	2.4	2.4	2.6	2.1	1.5	2.2	2.8	2.8	18.8	2.0	1.5	0.8	1.3	3.0	3.0	3.1	3.5	18.2
16	3.0	2.0	0.9	1.4	1.8	4.5	3.7	3.3	20.6	2.5	2.2	2.2	3.0	2.2	2.0	1.6	1.4	17.1
17	1.6	1.1	0.4	0.9	1.7	3.9	4.3	3.6	17.5	1.2	1.1	0.9	1.1	2.7	1.6	2.1	2.4	13.1
18	2.3	1.0	1.5	1.6	1.6	0.5	0.9	1.9	11.3	2.3	1.6	0.9	2.0	1.5	1.3	1.1	0.6	11.3
19	1.6	1.0	2.2	2.1	2.1	1.5	1.6	1.6	13.7	1.4	1.1	0.7	1.4	1.6	0.7	1.0	2.5	10.4
20	0.9	0.8	1.6	1.4	1.9	2.6	2.5	4.1	15.8	2.4	2.7	2.8	4.5	5.0	5.6	4.3	4.3	31.6
21	3.7	3.0	4.0	3.8	3.0	1.9	2.0	4.0	25.4	3.6	4.5	3.7	4.0	3.7	3.4	4.0	2.7	29.6
22	3.0	3.8	4.0	4.4	4.2	1.6	4.2	3.8	29.0	3.2	2.4	3.0	3.0	4.6	3.7	2.0	2.0	23.9
23	2.9	3.5	4.3	4.0	3.5	1.6	2.6	1.5	23.9	2.6	1.1	1.8	2.6	3.3	3.5	3.9	3.4	22.2
24	0.8	0.9	2.0	0.6	1.2	1.4	1.8	2.3	11.0	2.0	1.9	1.6	1.6	2.0	1.4	2.7	2.4	15.6
25	1.7	1.1	2.0	4.3	5.7	5.5	4.1	3.6	28.0	1.4	2.1	3.3	2.8	2.6	3.1	2.2	2.1	19.6
26	3.9	3.9	4.0	3.2	3.1	3.6	1.9	0.9	24.5	0.8	2.4	1.9	3.2	2.3	1.0	3.2	2.0	16.8
27	2.0	1.0	1.6	1.6	3.3	2.6	2.4	2.3	16.8	1.8	2.1	1.8	2.1	3.7	2.8	1.2	1.6	17.1
28	0.6	1.0	1.0	1.5	1.9	1.3	1.1	3.3	11.7	1.9	1.9	2.1	2.3	2.0	1.4	3.1	4.3	19.0
29	2.3	4.1	3.6	3.9	4.9	4.4	3.5	4.3	31.0	3.7	3.2	2.5	2.8	1.9	3.1	3.5	3.1	23.8
30	3.1	2.6	1.9	2.8	3.0	2.9	2.7	2.4	21.4	2.0	3.9	5.1	3.2	3.0	3.6	4.0	3.6	28.4
31										4.1	3.7	2.9	2.6	4.0	4.0	3.4	1.9	26.6

TABLE 5--MEAN K-INDICES FROM TWENTY-NINE OBSERVATORIES, 1941

Day	January 1941 Values K_W								Sum	February 1941 Values K_W								Sum
1	1.2	2.2	1.9	1.1	3.1	4.0	3.7	3.1	20.3	0.8	0.9	1.0	1.5	2.4	2.4	2.1	1.1	12.2
2	2.3	1.8	1.2	1.5	2.4	2.1	1.0	1.6	13.9	0.9	0.8	1.5	1.7	1.7	1.2	3.4	2.5	13.7
3	1.1	0.8	1.1	0.9	1.7	1.0	2.0	2.9	11.5	2.4	3.7	3.8	3.7	3.1	2.8	3.6	3.0	26.1
4	2.8	2.5	1.9	1.9	0.7	1.4	0.8	0.4	12.4	2.5	2.0	1.8	2.0	2.7	2.1	2.2	1.4	16.7
5	0.2	0.5	1.0	1.7	0.8	2.2	1.8	1.5	9.7	2.0	1.7	2.0	2.3	2.9	2.9	3.8	3.7	21.3
6	3.5	4.0	4.0	3.0	1.4	2.0	2.5	1.7	22.1	3.7	3.2	3.6	3.4	3.0	2.9	3.0	3.0	25.8
7	1.5	1.5	2.0	1.7	0.9	4.4	3.4	2.2	17.6	3.5	4.0	3.4	3.1	3.5	3.6	3.5	3.2	27.8
8	2.0	1.7	1.9	1.6	1.1	1.3	1.8	2.9	14.3	3.1	3.0	2.5	3.2	2.6	3.1	3.4	2.8	23.7
9	1.8	2.1	2.7	2.8	3.6	3.0	2.9	1.7	20.6	2.3	2.8	2.9	1.4	1.6	2.2	3.4	2.6	19.2
10	2.6	1.5	1.6	1.3	2.5	2.3	2.4	2.3	16.5	2.7	1.9	2.3	2.0	2.0	1.6	2.1	2.3	16.9
11	2.2	1.9	1.4	2.3	2.9	1.5	2.9	2.3	17.4	1.8	1.2	1.6	1.0	1.5	1.5	2.8	1.4	12.8
12	1.5	1.7	1.5	1.4	2.1	2.1	1.9	2.1	14.3	1.2	1.1	1.1	1.8	1.5	1.1	1.8	1.8	11.4
13	2.5	0.8	0.9	1.3	0.8	1.0	2.1	2.5	11.9	3.0	2.1	3.7	3.5	4.4	4.5	3.7	3.8	28.7
14	1.2	0.8	1.0	0.7	0.6	0.4	1.4	2.3	8.4	3.8	3.0	3.2	4.2	2.6	3.7	2.0	2.5	25.0
15	1.5	1.2	2.0	1.8	1.7	0.9	1.0	0.5	10.6	3.5	4.0	2.6	3.8	3.4	3.4	3.3	2.1	26.1
16	1.4	1.1	1.4	2.0	2.9	3.6	1.6	2.2	16.2	3.0	3.0	1.1	1.3	1.6	1.8	2.8	3.8	18.4
17	5.0	2.5	3.6	3.2	4.5	5.8	4.1	4.4	33.1	2.5	2.8	3.1	4.2	3.3	2.5	3.5	2.5	24.4
18	3.4	3.4	3.0	3.3	2.1	3.9	4.9	4.2	28.2	1.4	1.6	1.5	2.4	1.9	1.2	2.6	1.1	13.7
19	3.5	2.7	2.9	3.0	3.6	3.7	2.5	3.2	25.1	0.7	0.8	0.9	1.5	1.6	3.4	2.2	1.1	12.2
20	2.9	2.3	2.1	2.4	2.0	1.2	2.3	3.4	18.6	1.0	1.4	1.9	2.4	2.9	2.2	3.3	3.5	18.6
21	2.2	3.1	1.0	0.9	0.8	0.7	1.4	1.4	11.5	3.5	2.6	1.4	2.7	4.6	5.2	4.3	4.7	29.0
22	0.9	1.3	1.9	1.5	0.9	1.7	3.1	2.5	13.8	3.0	4.0	2.7	4.0	4.2	5.1	4.8	4.0	31.8
23	2.6	1.3	2.6	2.9	3.8	4.2	4.0	3.4	24.8	3.3	2.8	3.8	2.7	4.1	4.5	4.9	3.9	30.0
24	2.8	2.9	3.4	3.7	5.0	4.9	4.0	3.2	29.9	2.8	2.8	2.8	3.5	3.2	4.4	3.3	3.0	25.8
25	2.7	3.5	3.1	3.9	3.3	3.9	2.9	3.5	26.8	2.7	2.0	2.4	3.1	3.7	2.8	3.7	3.1	23.5
26	4.0	2.2	2.9	3.3	3.0	2.8	2.5	3.2	23.9	3.0	2.9	2.1	3.4	2.8	2.4	2.6	0.5	19.7
27	1.7	2.0	2.7	3.2	3.7	3.7	3.3	3.0	23.3	0.5	0.4	0.8	1.3	1.0	2.5	1.7	0.9	9.1
28	2.6	1.6	1.1	2.7	2.6	2.2	3.0	1.9	17.7	2.1	1.9	1.5	3.3	1.6	2.0	1.5	1.9	15.8
29	1.9	1.0	1.1	2.0	1.4	1.9	0.7	2.4	12.4									
30	2.2	2.6	1.6	1.9	2.6	2.5	3.3	2.2	18.9									
31	1.4	0.9	1.9	1.1	1.4	0.9	0.9	0.5	9.0									

Day	March 1941 Values K_W								Sum	April 1941 Values K_W								Sum
1	2.5	5.8	7.2	6.9	8.7	8.6	8.1	5.9	53.7	2.0	1.3	0.7	1.8	1.8	2.0	1.2	2.6	13.4
2	4.5	3.5	3.9	4.1	2.9	4.0	3.7	3.8	30.4	2.7	1.5	2.2	1.8	3.0	2.0	1.9	3.1	18.2
3	3.2	2.9	2.4	3.6	3.7	4.6	3.5	1.7	25.6	3.0	3.3	1.7	1.9	2.4	3.1	3.0	2.6	21.0
4	4.0	3.6	3.4	4.2	4.1	4.6	2.9	4.6	31.4	2.1	1.6	2.0	1.6	0.9	0.5	0.6	1.8	11.1
5	3.9	4.2	2.9	2.9	5.0	3.8	4.0	4.1	30.8	1.4	1.6	2.0	1.3	1.1	1.3	1.1	2.2	12.0
6	3.3	2.8	3.0	3.2	2.3	3.5	3.2	1.3	22.6	2.4	2.8	1.4	1.2	1.6	1.4	1.6	2.5	14.9
7	2.6	1.9	1.8	2.5	1.6	2.6	4.0	4.0	21.0	0.6	0.9	1.9	3.1	2.9	2.6	3.6	4.1	19.7
8	3.6	2.7	1.5	2.0	2.6	2.2	2.9	3.2	20.7	3.6	1.5	1.4	2.0	2.1	1.6	2.4	2.8	17.4
9	3.5	2.0	2.6	1.7	1.5	2.1	3.3	3.6	20.3	2.8	3.5	2.8	2.5	3.4	3.2	2.0	1.5	21.7
10	2.8	2.8	1.6	1.2	1.2	1.6	2.1	1.5	14.8	1.7	2.2	4.0	2.4	2.2	4.2	3.8	4.4	24.9
11	2.2	1.6	1.2	1.5	2.0	1.8	3.4	4.5	18.2	3.0	3.1	4.0	3.8	2.7	2.4	3.0	2.5	24.5
12	2.0	1.4	1.2	1.8	3.4	2.9	2.5	3.4	18.6	2.8	3.8	2.9	3.2	2.9	2.2	1.6	1.8	21.2
13	2.6	2.7	1.9	1.5	1.1	2.8	3.8	3.8	20.2	2.8	1.1	1.4	1.1	1.4	1.3	0.9	1.4	11.4
14	5.2	4.7	4.8	5.5	5.3	3.9	4.3	4.9	38.6	1.0	1.6	1.7	1.1	1.0	0.6	0.4	0.2	7.6
15	2.2	2.9	3.5	3.6	3.0	2.7	3.2	3.1	24.2	0.2	0.6	0.7	1.5	2.2	2.0	1.9	2.8	11.9
16	2.8	1.8	1.2	1.5	1.8	1.1	1.6	0.5	12.3	3.3	1.6	1.2	3.9	3.4	1.4	0.9	1.0	16.7
17	1.0	1.5	1.9	1.3	1.9	1.1	1.0	1.4	11.1	1.1	1.5	1.9	2.1	2.4	2.7	1.5	1.8	15.0
18	2.0	1.0	1.5	1.0	0.7	1.4	1.4	3.6	12.6	3.4	1.6	1.4	2.1	3.2	2.2	2.3	4.5	20.7
19	1.5	1.8	2.4	3.9	4.7	4.1	3.9	3.2	25.5	2.7	4.7	5.0	3.2	3.1	3.1	3.2	2.9	27.9
20	3.7	3.0	3.8	3.5	4.1	4.5	3.1	3.8	29.5	2.5	1.8	3.0	1.8	2.6	2.0	2.4	3.0	19.1
21	3.3	3.3	3.5	3.6	3.5	3.2	4.9	3.5	28.8	2.8	2.2	2.0	1.7	2.4	1.6	2.7	1.1	16.5
22	3.8	4.1	3.2	3.7	3.7	4.4	4.2	3.0	30.1	0.5	1.9	2.1	0.8	1.2	1.7	1.6	1.8	11.6
23	2.0	1.9	2.3	2.4	2.5	4.1	3.8	4.3	23.3	0.5	0.5	0.3	1.6	1.6	0.7	1.1	1.2	7.5
24	2.2	1.9	1.6	2.0	1.8	2.7	2.6	3.0	17.8	1.0	1.6	4.2	5.5	5.6	5.6	5.1	4.2	32.8
25	1.2	1.9	1.9	2.8	1.7	1.6	2.5	1.6	15.2	4.6	4.4	4.3	3.9	2.3	3.8	3.2	3.1	29.6
26	1.3	1.8	1.6	1.0	0.8	0.6	1.1	0.8	9.0	2.9	3.3	2.5	4.2	1.9	1.9	1.4	2.3	20.4
27	0.2	0.4	0.5	0.7	1.0	0.5	1.2	1.6	6.1	1.8	0.8	1.5	1.1	0.8	1.0	1.1	1.1	9.2
28	4.3	3.5	3.2	5.0	5.0	5.6	5.3	4.5	36.4	1.9	2.8	1.7	2.5	2.5	3.2	3.8	3.8	22.2
29	4.0	3.4	2.9	2.8	3.4	4.0	5.0	4.8	30.3	4.7	3.4	2.8	1.5	0.5	0.2	0.2	0.9	14.2
30	4.1	3.9	4.2	3.6	4.0	6.0	5.8	6.2	37.8	1.3	1.9	0.8	0.8	0.3	0.7	0.3	0.4	6.5
31	5.8	5.3	4.2	5.6	4.4	3.6	3.1	2.6	34.6									

Day	May 1941 Values K_W	Sum	June 1941 Values K_W	Sum
	7 2.0 2.6 3.0 2.8	13.5	2.3 2.7 2.7 1.5 1.9 1.3 1.4 1.7	15.5
	0 1.6 1.8 1.7 2.0	13.2	1.6 1.2 0.8 0.6 0.7 0.8 0.4 0.4	6.5
	2 1.3 1.3 2.2 1.6	13.0	1.4 0.4 1.6 2.0 1.2 1.2 1.0 0.4	9.2
	8 2.3 2.1 1.8 2.0	20.0	0.9 1.3 0.7 1.0 0.7 1.1 0.8 1.4	7.9
	9 2.2 1.7 1.1 0.6	12.3	1.4 1.1 1.5 1.2 0.8 1.4 1.4 1.3	10.1
	0 2.5 1.2 2.6 0.9	15.4	1.2 1.3 1.1 3.1 2.4 1.7 1.3 1.0	13.1
	5 0.8 1.0 1.4 1.5	10.8	1.1 0.7 1.7 1.2 1.8 1.6 0.6 0.8	9.5
	0 2.6 1.8 3.3 2.6	14.9	0.5 0.6 2.0 2.5 1.3 1.7 0.7 0.6	9.9
	3 1.9 1.4 1.8 2.5	18.2	0.8 1.2 1.7 4.1 2.9 1.6 1.8 2.2	16.3
	2 2.1 2.1 1.8 2.2	17.7	2.4 2.3 3.4 3.4 5.0 4.3 2.8 3.4	27.0
	0 1.7 0.5 0.8 0.9	10.7	4.7 3.2 3.2 2.8 1.9 3.3 3.6 2.3	25.0
	2 1.3 1.2 2.1 2.4	12.4	2.1 2.6 2.3 1.4 2.8 2.7 2.3 1.6	17.8
	2 2.2 2.2 1.4 0.9	16.0	1.0 3.3 4.8 5.0 4.3 3.6 3.5 3.9	29.4
	4 1.8 1.9 1.0 2.6	12.4	4.2 3.6 3.0 1.7 2.6 1.6 2.1 3.1	21.9
	7 1.0 1.4 1.6 1.9	13.3	3.0 3.5 4.0 3.8 3.3 2.6 2.9 2.2	25.3
	2 3.6 3.2 1.4 1.7	21.1	1.3 0.8 1.7 0.9 0.7 0.9 0.8 1.0	8.1
	2 3.7 2.3 1.9 2.6	24.9	1.2 1.5 2.3 2.7 2.6 3.1 4.8 3.6	21.8
	4 1.2 2.0 2.5 2.7	15.7	4.0 3.7 2.9 2.3 2.5 2.9 2.4 0.9	21.6
	0.8 0.7 0.6 1.3 0.5	9.2	0.8 0.8 0.9 1.8 2.2 2.3 2.7 2.8	14.3
	1.4 1.2 1.6 0.6 1.9	8.2	2.9 3.4 4.4 3.0 2.6 2.4 2.7 3.4	24.0
	7 2.4 1.9 3.3 4.1 4.0	22.9	3.1 2.6 2.9 2.4 2.3 1.9 2.3 1.8	19.3
	7 3.8 3.4 2.4 4.0 3.4	28.0	2.3 1.2 2.9 2.7 2.2 1.6 2.4 2.5	17.8
	4 3.5 3.6 2.4 3.5 4.0	25.3	1.7 1.4 1.0 1.4 1.3 1.5 1.3 1.6	11.2
	6 2.9 2.7 2.5 3.3 2.8	24.3	1.1 0.6 1.4 2.2 2.2 1.9 2.4 2.7	14.5
	7 2.9 2.6 2.4 2.3 3.3	22.3	1.9 1.1 0.9 1.1 1.8 0.7 1.9 2.4	11.8
	4 2.7 2.4 2.0 2.2 2.8	19.0	2.9 1.6 1.6 1.4 1.2 1.3 2.8 3.2	16.0
	8 1.9 1.4 1.8 2.3 1.6	14.4	2.3 3.2 3.1 2.5 2.6 1.3 1.9 1.3	18.2
	2 2.2 2.1 2.0 1.6 2.9	16.3	2.2 1.2 1.7 2.0 2.0 1.7 2.0 1.7	14.5
	9 2.0 1.8 1.9 1.6 1.8	17.2	2.8 2.1 2.7 2.6 2.1 1.6 1.7 0.9	16.5
	9 1.3 2.4 2.7 2.4 1.6	15.8	1.2 1.4 1.4 2.1 1.8 0.9 0.8 2.0	11.6
31	7 1.8 2.3 2.4 3.1 1.5	19.1		

Day	July 1941 Values K_W	Sum	August 1941 Values K_W	Sum
1	2.9 3.0 2.6 2.1 1.6 1.0 1.3 2.1	16.6	1.2 1.3 2.3 2.2 1.5 1.8 2.9 2.9	16.1
2	2.4 2.2 2.6 1.2 1.4 0.9 0.9 0.8	12.4	3.7 3.6 4.0 4.4 4.7 4.5 3.0 2.8	30.7
3	1.8 1.8 0.9 1.4 2.9 3.4 1.6 2.2	16.0	2.1 3.0 2.9 2.5 1.9 2.9 2.0 2.9	20.2
4	1.2 4.5 3.6 2.7 2.5 3.1 4.5 4.1	26.2	4.5 5.8 5.0 5.3 6.4 5.6 5.4 5.2	43.2
5	5.5 5.6 7.7 8.1 8.1 7.2 5.5 5.9	53.6	5.0 3.3 2.1 2.0 2.3 2.7 3.1 3.0	23.5
6	2.7 2.2 3.0 4.0 4.9 4.6 4.3 3.6	29.3	2.2 2.5 3.7 2.9 2.8 3.4 3.0 4.2	24.7
7	5.5 5.6 4.9 3.4 2.5 3.8 3.9 2.8	32.4	4.0 3.3 2.9 2.8 1.8 2.9 2.2 2.7	22.6
8	1.6 2.4 3.5 2.9 3.1 2.8 2.9 1.2	20.4	1.8 1.6 1.9 1.6 1.0 1.1 1.5 0.9	11.4
9	1.1 1.1 0.7 2.3 3.1 2.8 3.5 4.0	18.6	0.6 0.9 1.0 0.8 1.1 0.9 0.8 1.1	7.2
10	3.5 2.9 2.8 1.9 2.2 2.9 3.9 4.1	24.2	1.1 0.5 0.5 0.6 0.5 0.3 0.5 2.1	6.1
11	2.5 2.7 3.0 2.7 1.6 1.0 1.1 0.5	15.1	2.2 1.5 2.4 1.8 1.8 1.7 2.5 1.8	15.7
12	1.0 0.9 3.0 2.5 3.6 1.0 1.4 1.3	14.7	1.8 1.9 1.4 1.9 2.0 1.6 1.0 2.1	13.7
13	1.4 0.6 1.4 2.0 1.3 1.1 0.9 0.8	9.5	2.0 2.0 2.1 2.7 1.8 2.2 1.7 2.2	16.7
14	0.4 0.8 1.4 0.9 1.0 0.6 0.9 1.6	7.6	2.0 2.8 1.9 1.2 1.4 1.3 1.2 1.0	12.8
15	0.9 0.9 1.3 1.5 2.5 1.4 1.6 1.2	11.3	2.3 1.1 0.8 1.2 1.3 0.9 0.4 0.4	8.4
16	1.7 3.1 2.3 2.4 2.8 2.8 2.8 2.6	20.5	0.6 0.5 0.7 1.0 1.9 0.8 1.6 0.8	7.9
17	2.8 2.4 2.5 1.3 1.4 2.4 1.9 1.6	16.3	1.6 1.1 0.5 0.9 0.4 0.4 1.1 1.0	7.0
18	2.4 1.4 1.2 1.7 1.5 1.5 2.0 1.5	13.2	0.8 0.7 0.8 1.1 1.2 1.9 2.2 2.7	11.4
19	2.4 2.1 0.9 1.0 1.1 1.6 1.6 2.1	12.8	3.7 3.1 2.8 3.8 3.5 2.9 2.2 2.2	24.2
20	1.4 1.9 2.7 2.4 2.0 2.1 2.6 2.4	17.5	1.6 1.3 1.9 0.8 0.8 1.3 0.7 1.1	9.5
21	3.1 4.4 5.0 4.5 3.3 2.6 4.0 2.3	29.2	1.7 1.8 2.1 2.0 1.7 2.8 2.8 1.7	16.6
22	3.6 3.6 2.6 2.6 3.3 3.2 1.4 2.7	23.0	1.1 0.6 0.6 1.0 0.9 0.8 2.0 1.4	8.4
23	3.1 2.6 3.2 3.2 2.9 1.9 1.6 3.0	21.5	0.7 0.9 1.2 0.6 0.4 0.6 0.9 1.3	6.6
24	2.7 2.9 1.7 2.2 2.6 2.2 2.4 1.8	18.5	1.6 2.3 2.8 2.9 1.8 1.7 2.1 1.8	17.0
25	2.3 3.3 3.3 2.3 2.2 1.4 1.5 1.1	17.4	1.3 1.1 1.4 1.6 1.2 2.1 3.7 2.6	15.0
26	0.6 0.9 1.3 0.6 1.2 0.7 1.0 1.3	7.6	3.6 2.1 2.4 3.0 3.8 3.7 3.7 4.1	26.4
27	0.7 0.8 0.9 0.6 1.0 0.6 0.7 1.3	6.6	4.8 4.5 4.4 5.0 4.9 4.0 3.9 4.5	36.0
28	1.3 0.8 0.9 1.4 1.4 0.7 1.2 0.8	8.5	3.6 3.3 4.0 4.3 3.7 2.3 2.3 2.0	25.5
29	1.0 0.9 0.7 1.1 1.1 0.8 0.9 1.7	8.2	2.7 3.2 3.3 4.5 4.1 4.2 3.7 4.2	29.9
30	1.1 1.5 1.9 1.7 1.0 1.0 1.3 1.8	11.3	4.4 4.3 3.0 2.8 3.7 2.3 3.1 2.5	26.1
31	1.9 0.9 1.2 1.2 1.4 1.3 1.9 2.8	12.6	2.1 2.4 2.9 2.4 2.7 2.5 2.6 2.5	20.1

TABLE 5--MEAN K-INDICES FROM TWENTY-NINE OBSERVATORIES, 1941--concluded

Day	September 1941								Sum	October 1941								Sum
	Values K_W									Values K_W								
1	2.3	2.5	3.3	2.9	2.4	3.7	2.8	2.6	22.5	1.4	1.7	1.6	1.7	1.3	1.0	1.4	1.1	11.2
2	2.7	1.6	3.4	2.7	2.3	2.3	2.7	2.6	20.3	0.5	1.0	0.8	0.6	0.8	1.2	2.8	2.6	10.3
3	2.6	1.3	1.1	1.0	0.8	0.9	1.1	1.1	9.9	1.8	1.0	1.2	1.3	0.8	0.9	1.0	1.1	9.1
4	1.2	1.0	1.1	0.9	0.6	0.7	0.9	1.6	8.0	1.3	0.6	1.1	1.3	0.9	1.1	0.9	2.1	9.3
5	0.6	0.9	0.7	1.0	0.4	0.7	0.5	0.3	5.1	1.9	1.6	2.5	2.4	1.4	1.2	0.9	0.8	12.7
6	0.4	0.4	0.5	0.6	0.4	1.0	1.4	0.9	5.6	1.0	0.9	1.4	1.9	1.7	1.9	1.2	1.8	11.8
7	0.7	3.3	3.0	3.0	4.5	3.0	3.5	3.2	24.2	1.4	1.3	0.8	0.8	0.7	1.6	0.8	1.0	8.4
8	2.5	2.2	2.4	2.1	1.5	1.3	2.2	2.5	16.7	2.8	2.9	1.6	0.7	0.8	2.8	2.3	1.6	15.5
9	2.4	1.6	1.7	1.9	1.3	1.3	1.7	3.3	15.2	0.9	1.7	1.0	1.1	2.7	1.1	1.7	1.8	12.0
10	2.9	1.7	1.3	0.9	0.7	1.1	1.6	0.9	11.1	0.3	0.9	1.2	1.1	1.7	2.2	3.1	2.6	13.1
11	1.7	1.7	1.6	2.0	3.2	1.6	1.4	2.4	15.6	2.6	2.3	3.6	4.4	4.0	4.3	4.9	5.4	31.5
12	1.7	1.6	1.2	1.8	0.7	0.6	0.2	0.3	8.1	4.8	3.7	3.3	2.7	2.2	3.0	1.6	2.2	23.5
13	0.3	0.3	1.8	2.4	5.3	4.7	3.3	3.8	21.9	2.2	2.1	2.4	2.3	1.5	1.7	2.2	1.2	15.6
14	3.9	3.3	4.3	2.8	3.0	2.9	2.9	3.8	26.9	1.1	1.4	1.2	2.7	3.6	3.9	1.3	2.3	17.5
15	3.4	3.1	2.9	3.0	3.5	3.1	5.2	4.0	28.2	2.7	2.6	3.1	3.2	2.2	2.4	3.0	2.7	21.9
16	4.6	3.2	2.0	2.1	2.0	1.9	3.2	2.9	21.9	1.7	3.2	2.4	1.4	2.8	2.9	3.3	3.4	21.1
17	2.1	1.4	2.7	1.9	2.6	2.9	2.3	1.4	17.3	0.9	0.9	2.2	1.9	1.5	1.6	0.9	0.9	10.8
18	2.1	5.8	7.3	7.6	7.7	7.7	7.9	7.6	53.7	0.5	1.2	1.9	1.6	1.1	1.6	1.7	1.1	10.7
19	7.8	8.0	7.2	5.9	4.0	4.2	6.0	3.9	47.0	2.1	1.6	2.4	1.5	2.6	3.6	1.6	1.0	16.4
20	4.4	4.0	3.6	5.3	4.9	3.0	2.1	1.6	28.9	0.9	1.4	2.4	1.5	1.2	1.6	1.7	1.4	12.1
21	2.4	5.0	4.1	3.8	4.4	4.2	1.2	0.8	25.9	1.7	1.9	1.0	0.6	0.4	0.5	0.4	0.9	7.4
22	1.1	1.6	2.2	1.5	0.9	1.0	0.7	1.3	10.3	1.7	1.7	1.6	2.1	3.3	5.7	5.6	4.7	26.4
23	1.1	1.2	2.4	1.8	3.8	4.1	3.0	2.1	19.5	1.9	2.7	2.0	1.9	2.4	2.6	3.3	3.1	19.9
24	3.0	3.0	2.8	2.6	3.5	3.2	3.7	4.6	26.4	2.9	2.0	2.1	2.0	2.2	3.1	4.2	2.6	21.1
25	4.1	2.2	3.2	2.8	3.3	2.6	3.9	2.2	24.3	2.2	2.6	1.3	0.5	1.0	1.0	1.3	0.8	10.7
26	1.5	1.1	0.9	1.4	1.1	0.8	1.2	1.2	9.2	0.7	1.0	1.5	2.9	2.1	1.0	3.0	3.4	15.6
27	2.2	2.3	3.0	2.4	2.1	3.2	1.8	1.5	18.5	2.3	1.3	2.0	2.0	1.5	0.7	0.9	1.6	12.3
28	1.7	1.9	1.3	1.2	1.3	2.0	2.7	3.0	15.1	0.7	1.1	1.3	1.6	2.0	2.3	2.8	1.9	13.7
29	1.7	3.6	2.4	3.1	2.4	3.1	2.8	3.0	22.1	2.8	1.0	0.9	1.3	1.4	1.1	1.9	1.4	11.8
30	3.3	1.8	2.5	3.2	2.2	2.2	3.0	2.2	20.4	1.6	2.2	1.6	1.7	2.4	1.8	1.5	1.6	14.4
31										2.2	4.9	3.6	2.7	3.1	4.5	5.5	5.8	32.3

Day	November 1941								Sum	December 1941								Sum
	Values K_W									Values K_W								
1	5.8	5.7	5.2	4.4	5.0	5.1	2.6	1.1	34.9	2.4	2.5	4.5	5.8	6.6	6.2	5.1	5.1	38.2
2	1.0	0.7	0.6	1.0	0.8	1.8	2.1	2.3	10.3	4.0	4.5	3.5	3.0	2.9	3.3	2.3	1.2	24.7
3	2.1	1.6	0.9	1.0	2.0	2.3	0.5	2.1	12.5	0.8	1.5	0.7	0.7	1.0	2.5	3.6	3.7	14.5
4	2.1	1.8	1.6	1.4	0.9	0.8	1.1	1.8	11.5	3.2	2.4	2.4	3.6	3.0	2.3	3.5	2.5	22.9
5	1.1	1.3	1.3	1.4	2.1	3.7	4.1	4.0	19.0	1.0	1.4	2.1	1.3	1.7	2.6	4.0	3.2	17.3
6	2.7	3.1	4.1	4.4	4.9	4.6	4.2	3.9	31.9	2.8	2.7	1.8	2.2	2.0	2.3	1.2	1.7	16.7
7	3.3	2.1	2.8	2.9	3.0	3.2	3.1	2.6	23.0	1.3	1.9	1.9	2.3	1.5	1.3	1.8	1.8	13.8
8	3.4	3.0	3.1	3.0	3.2	2.8	3.5	1.5	23.5	1.1	1.2	1.1	1.2	2.1	2.3	2.1	2.9	14.0
9	1.6	1.7	1.6	3.1	3.7	3.9	1.9	1.7	19.2	1.2	1.1	1.7	2.7	2.9	1.8	1.4	2.8	15.6
10	2.3	2.1	1.9	3.1	4.4	4.3	3.5	3.8	25.4	1.6	1.8	1.6	1.4	2.2	2.2	0.6	0.9	12.3
11	3.9	3.4	2.2	3.7	2.2	3.4	3.1	2.3	24.2	0.4	0.9	0.5	1.1	1.5	0.8	0.8	0.5	6.5
12	1.0	2.0	2.4	1.2	1.4	1.8	2.4	3.0	15.2	0.9	1.2	0.6	1.4	2.3	2.1	1.5	0.9	10.9
13	1.0	1.1	1.8	2.5	1.6	2.2	1.8	1.5	13.5	1.8	1.0	1.8	1.8	3.0	3.4	3.4	2.3	18.5
14	1.2	1.1	1.1	1.8	1.1	1.2	1.3	1.7	10.5	3.7	3.6	2.6	3.7	3.9	3.4	4.0	3.8	28.7
15	0.6	0.3	0.6	0.9	1.3	1.1	1.1	1.5	7.4	2.0	2.1	2.0	1.3	2.7	1.8	0.9	2.9	15.7
16	1.4	1.4	0.8	0.7	0.7	1.4	1.7	2.7	10.8	3.6	4.1	2.8	1.7	1.1	1.3	1.1	1.6	17.3
17	3.1	3.1	4.1	3.6	4.4	5.0	4.6	3.8	31.7	2.1	1.6	2.5	2.5	1.4	2.8	2.9	3.3	19.1
18	2.3	2.1	3.5	3.6	3.2	3.8	4.3	3.3	26.1	2.0	2.4	3.8	3.8	2.7	2.5	2.0	2.2	21.4
19	4.6	2.3	2.3	2.6	2.9	1.6	2.0	3.1	21.4	1.6	1.4	2.0	1.7	1.6	1.8	1.7	1.5	13.3
20	2.6	1.3	2.3	1.7	1.4	1.1	2.3	2.1	14.8	1.7	0.6	0.6	1.2	1.3	2.0	0.9	1.0	9.3
21	2.8	2.2	1.6	1.7	2.2	1.6	2.0	2.7	16.8	0.7	0.8	0.6	1.0	0.8	0.7	0.9	2.0	7.5
22	2.4	1.1	1.9	1.5	1.9	3.3	3.7	3.8	19.6	1.3	1.0	0.5	0.9	1.1	2.1	1.3	1.1	9.3
23	3.0	3.5	2.8	2.5	2.5	2.3	1.2	2.3	20.1	1.4	1.6	0.9	1.1	2.3	3.4	2.2	3.1	16.0
24	1.9	1.2	1.1	1.4	0.8	0.6	1.8	1.8	10.6	2.3	1.5	1.0	2.7	2.7	2.1	2.6	1.6	16.5
25	0.8	1.3	2.2	1.0	1.7	1.3	2.2	1.5	12.0	0.8	1.0	1.9	1.6	0.9	1.0	0.9	0.7	8.8
26	0.7	1.4	1.4	0.8	1.8	0.6	0.9	0.6	8.2	0.8	1.8	1.4	1.3	1.8	1.8	1.3	3.0	13.2
27	0.7	2.9	2.9	2.3	2.7	2.0	1.4	1.7	16.6	3.2	2.4	1.6	1.9	2.0	1.9	2.0	2.9	17.9
28	3.5	4.7	5.1	4.7	2.6	4.0	5.8	3.6	34.0	2.3	2.0	1.7	1.4	1.6	1.3	1.6	2.3	14.2
29	1.8	2.0	2.8	2.0	1.8	1.1	1.3	1.3	14.1	3.0	1.5	2.1	1.8	1.2	2.7	1.5	2.6	16.4
30	1.2	0.7	0.7	1.1	1.3	2.2	2.3	1.9	11.4	1.3	0.9	0.8	1.0	1.7	2.8	2.7	2.3	13.5
31										1.7	1.0	0.6	0.4	0.7	2.6	2.0	1.3	10.3

TABLE 5--MEAN K-INDICES FROM TWENTY-EIGHT OBSERVATORIES, 1942

Day	January 1942 Values K_W								Sum	February 1942 Values K_W								Sum
1	0.6	1.3	1.4	1.2	0.8	1.0	1.1	1.1	8.5	0.9	0.7	1.0	0.9	2.2	1.8	1.8	1.9	11.2
2	0.9	1.8	2.3	1.9	3.3	3.5	3.8	2.9	20.4	2.0	2.0	3.3	3.4	3.8	3.5	1.9	1.4	21.3
3	3.4	3.3	2.8	2.8	3.3	3.4	2.2	2.6	23.8	1.9	1.8	2.1	1.0	1.2	1.2	1.3	1.1	11.6
4	2.2	3.9	2.8	2.6	4.2	3.7	3.6	4.3	27.3	0.5	0.6	1.5	1.2	1.5	1.2	1.7	1.8	10.0
5	2.6	3.2	3.1	3.6	2.6	3.1	3.7	2.8	24.7	1.2	3.3	2.5	4.0	3.5	3.3	4.4	2.8	25.0
6	1.5	1.9	1.9	2.6	1.8	2.9	3.4	3.0	19.0	3.5	3.5	2.6	4.5	3.8	4.4	4.6	3.8	30.7
7	2.3	2.7	1.4	2.9	2.9	1.6	1.9	1.1	16.8	3.1	2.1	1.7	2.7	1.7	1.0	0.9	1.1	14.3
8	1.2	0.6	0.8	0.4	0.9	1.0	0.5	2.3	7.7	0.9	0.9	1.1	1.4	1.0	1.1	0.7	1.7	8.8
9	1.6	1.5	1.1	0.4	0.6	1.4	2.2	2.1	10.9	1.0	0.8	1.2	1.7	1.6	1.1	0.3	1.1	8.8
10	2.4	1.9	1.7	1.6	2.4	2.9	2.0	2.2	17.1	0.9	1.0	1.4	1.6	3.1	3.3	2.4	2.1	15.8
11	2.2	1.0	2.0	1.7	2.6	1.9	2.1	1.6	15.1	1.8	1.3	1.7	1.0	1.9	2.5	2.9	2.6	15.7
12	1.6	1.3	1.7	1.8	1.5	1.9	2.9	2.1	14.8	1.5	1.2	0.8	0.8	0.6	0.4	0.9	0.8	7.0
13	1.0	0.7	1.3	1.3	2.1	1.9	2.0	1.2	11.5	2.2	2.0	1.3	0.9	1.5	1.0	1.1	1.0	11.0
14	1.3	1.2	0.8	0.8	0.6	0.9	1.4	2.6	9.6	0.5	0.5	1.3	2.1	2.2	2.2	1.5	2.6	12.9
15	1.3	1.1	2.2	1.9	2.9	2.9	1.3	1.8	15.4	2.6	2.5	2.9	2.5	3.2	1.9	3.8	2.1	21.5
16	1.4	1.4	1.8	2.2	2.8	2.9	2.9	2.2	17.6	2.5	2.0	2.4	2.3	2.5	2.2	1.6	2.8	18.3
17	2.8	2.2	3.8	4.0	2.6	2.2	1.8	1.8	21.2	2.7	2.7	1.9	2.2	1.0	0.7	1.5	1.2	13.9
18	3.8	2.9	2.6	2.8	2.4	2.1	2.9	3.8	23.3	1.8	1.8	1.1	1.0	0.5	0.8	0.4	0.4	7.8
19	3.4	3.9	2.8	2.6	1.5	1.6	1.2	2.0	19.0	0.4	0.7	0.8	0.9	1.7	0.9	1.6	1.5	8.5
20	2.3	1.1	1.1	1.6	1.0	1.2	1.1	1.4	10.8	1.3	2.2	1.8	1.8	1.6	2.5	2.0	2.0	15.2
21	0.5	0.6	0.9	0.9	1.0	0.9	1.5	1.2	7.5	2.5	2.9	2.6	1.7	2.1	1.1	1.3	1.2	15.4
22	0.8	1.7	1.6	1.6	3.1	2.5	2.2	2.3	15.8	1.9	1.6	1.8	1.4	1.2	1.7	2.5	2.3	14.4
23	1.8	2.0	1.3	1.3	1.9	1.7	0.9	0.8	11.7	3.3	2.2	1.7	1.3	4.9	5.1	5.3	4.8	28.6
24	0.6	0.5	0.9	1.6	1.4	0.5	0.8	1.8	8.1	4.7	3.1	3.8	3.8	2.6	2.6	2.0	3.1	25.7
25	1.0	0.5	0.9	2.2	1.9	1.1	2.0	1.4	11.0	3.0	1.9	1.6	1.9	2.2	2.6	3.9	4.1	21.2
26	1.0	1.5	1.1	1.4	1.2	0.6	0.8	0.8	8.4	2.6	1.8	1.7	1.2	1.2	0.8	1.5	1.7	12.5
27	0.4	0.5	1.0	1.9	1.2	1.8	1.3	1.2	9.3	1.0	1.1	0.7	1.2	0.9	3.0	3.3	3.2	14.4
28	2.4	2.8	2.5	2.0	2.4	2.0	2.0	1.5	17.6	2.9	1.9	2.1	3.1	5.1	5.1	2.5	2.5	25.2
29	0.8	0.7	0.6	0.6	1.2	1.3	2.0	1.9	9.1									
30	1.5	1.3	1.3	1.1	1.4	2.1	1.8	1.6	12.1									
31	0.7	0.8	1.1	1.3	0.7	0.9	0.7	0.7	6.9									

Day	March 1942 Values K_W								Sum	April 1942 Values K_W								Sum
1	2.8	2.3	7.4	7.5	6.4	4.9	6.0	5.5	42.8	2.5	2.9	2.2	2.0	3.1	2.0	1.6	1.0	17.3
2	5.9	5.1	2.6	3.0	3.8	3.4	2.8	1.5	28.1	1.4	2.2	3.1	4.1	4.4	4.0	3.9	3.5	26.6
3	3.2	3.2	4.0	4.6	4.5	5.2	3.1	3.1	30.9	3.2	4.6	3.6	2.9	3.4	2.8	3.5	4.0	28.0
4	3.0	2.7	2.8	3.3	2.4	3.6	3.1	2.4	23.3	2.8	3.6	5.2	5.4	4.2	5.8	6.0	3.0	36.0
5	1.4	3.9	3.6	3.0	3.2	6.1	6.0	5.0	32.2	2.5	2.7	1.6	2.8	3.0	2.3	1.2	1.6	17.7
6	3.7	4.3	3.6	4.0	3.1	2.4	0.8	2.5	24.4	1.6	2.0	0.9	1.2	1.5	0.9	1.0	1.7	10.8
7	2.6	2.3	3.0	3.9	3.2	2.8	3.5	3.5	24.8	0.7	1.1	0.9	0.8	1.6	0.8	0.7	1:4	8.0
8	5.3	4.5	2.6	3.1	2.8	3.4	4.6	3.5	29.8	3.8	3.8	4.2	3.4	3.3	4.0	3.1	2.1	27.7
9	5.4	5.1	3.1	2.9	2.9	3.6	3.2	4.0	30.2	1.9	1.9	2.2	2.6	3.0	2.7	1.6	2.2	18.1
10	2.2	2.9	1.5	3.2	2.6	3.6	3.5	1.6	21.1	0.8	0.9	0.8	0.9	1.0	1.2	1.6	3.2	10.4
11	3.0	3.4	2.3	1.8	0.6	0.5	0.6	1.2	13.4	4.3	4.4	4.7	4.4	4.6	3.8	2.4	1.9	30.5
12	1.4	1.2	1.9	1.6	0.7	0.7	0.6	1.9	10.0	0.9	1.1	1.0	1.9	2.1	2.1	1.6	1.8	12.5
13	3.7	3.4	2.6	3.9	4.4	2.9	2.8	3.9	27.6	2.2	1.4	2.4	2.0	4.2	3.6	3.8	4.3	23.9
14	2.5	2.5	4.4	4.3	3.6	3.6	2.3	3.3	26.5	5.4	3.8	2.6	3.6	2.6	3.2	1.7	1.1	24.0
15	2.5	1.6	1.8	2.2	3.7	2.6	2.9	1.3	18.6	0.8	1.1	1.4	1.3	1.0	0.8	1.6	1.6	9.6
16	1.3	0.7	1.7	1.0	1.0	1.2	2.0	1.0	9.9	2.0	3.0	3.4	2.8	2.3	2.3	3.5	3.8	23.1
17	2.3	2.0	2.7	2.1	1.1	1.2	2.2	2.1	15.7	5.2	4.9	4.4	4.7	4.1	4.0	2.8	2.7	32.8
18	0.4	0.5	2.0	3.0	3.0	3.7	3.1	3.1	18.8	3.2	3.3	3.3	3.6	4.4	4.0	3.9	3.8	29.5
19	2.0	2.2	2.7	2.9	2.9	3.9	3.7	3.8	24.1	3.1	3.0	2.6	3.1	2.7	1.8	2.7	1.8	20.8
20	4.3	3.5	2.9	2.4	1.4	1.7	1.9	0.7	18.8	2.6	1.8	1.1	2.2	2.9	2.9	1.8	1.2	16.5
21	2.4	2.8	3.9	4.0	2.8	3.6	3.2	2.8	25.5	1.0	0.8	0.7	0.6	1.5	1.6	1.6	0.8	8.6
22	3.3	3.0	3.0	3.1	2.5	1.9	2.7	2.4	21.9	1.5	0.9	0.5	0.6	0.8	1.1	0.4	0.5	6.3
23	2.5	2.2	1.2	2.0	2.4	3.0	3.4	2.9	19.6	0.7	2.2	3.4	3.8	4.5	4.4	3.6	3.2	25.8
24	1.8	2.2	1.9	2.5	2.6	2.3	0.8	1.0	15.1	3.8	2.7	2.2	2.4	2.0	1.8	1.5	0.9	17.3
25	1.2	1.3	1.3	2.4	2.3	1.9	0.6	0.7	11.7	0.7	0.8	0.8	0.8	0.9	0.6	0.9	0.9	6.4
26	0.7	0.9	3.5	4.7	4.7	4.9	3.0	2.0	24.4	0.8	1.4	1.2	0.9	0.8	0.8	0.7	0.8	7.4
27	2.0	2.5	1.0	1.4	1.4	1.2	2.2	2.2	13.9	0.9	0.9	1.5	2.3	2.5	3.2	3.7	3.8	18.8
28	1.1	1.2	1.1	0.9	1.2	1.1	1.2	0.6	8.4	5.2	3.1	1.9	2.3	2.5	1.5	1.2	2.2	19.9
29	1.5	3.0	2.2	2.3	4.2	3.4	1.8	1.7	20.1	1.6	1.4	1.5	0.7	0.5	0.6	0.6	2.0	8.9
30	1.1	1.6	2.0	1.6	3.2	3.7	3.0	2.0	18.2	1.1	1.1	2.0	2.4	3.7	3.0	3.0	2.4	18.7
31	0.9	2.0	1.8	2.2	2.3	1.5	2.4	3.3	16.4									

TABLE 5--MEAN K-INDICES FROM TWENTY-EIGHT OBSERVATORIES, 1942--continued

Day	May 1942									June 1942								
	Values K_W								Sum	Values K_W								Sum
1	2.6	3.1	3.4	3.0	2.4	2.1	1.2	1.0	18.8	1.2	1.5	1.3	1.2	1.0	1.1	1.8	0.7	9.8
2	0.8	1.8	2.4	3.1	3.0	3.1	2.2	2.5	18.9	0.6	0.6	0.6	0.8	1.3	0.7	0.8	0.5	5.9
3	2.5	2.5	2.0	2.0	1.6	1.0	1.0	1.8	14.4	1.2	1.0	2.0	2.6	3.3	3.1	2.1	2.5	17.8
4	1.4	1.5	1.6	1.5	2.0	3.6	4.3	3.7	19.6	1.9	0.8	1.2	1.1	0.9	0.9	1.5	1.4	9.7
5	4.8	2.8	2.6	2.6	2.0	1.6	1.4	2.6	20.4	2.2	1.7	2.5	1.8	1.8	2.7	0.6	1.1	14.4
6	1.9	2.4	1.8	2.0	1.7	2.0	1.5	0.8	14.1	1.9	1.9	2.2	2.7	1.6	1.2	0.6	1.0	13.1
7	0.7	1.2	1.4	2.1	1.3	1.0	1.6	1.2	10.5	1.4	1.7	1.2	1.0	1.3	0.5	0.7	0.6	8.4
8	1.2	1.4	0.7	1.1	1.0	1.4	1.6	1.8	10.2	1.9	1.0	1.1	0.9	2.0	1.2	0.7	0.4	9.2
9	1.2	0.8	1.4	1.4	0.8	0.7	0.7	1.1	8.1	0.4	0.3	1.3	0.8	1.0	0.6	0.2	0.9	5.5
10	1.7	1.6	1.2	1.0	2.1	1.8	2.2	3.1	14.7	0.4	0.7	0.6	0.5	0.4	0.9	0.8	0.8	5.1
11	2.8	2.0	1.8	1.2	0.9	1.5	0.9	0.6	11.7	1.8	2.1	3.0	3.2	4.4	4.2	3.8	2.9	25.4
12	0.6	0.6	0.6	0.9	1.4	1.7	1.5	1.2	8.5	3.1	2.4	2.5	3.7	2.4	3.2	2.6	2.0	21.9
13	1.2	1.2	1.1	0.6	0.7	1.0	0.5	1.3	7.6	3.0	2.5	2.0	2.9	2.4	3.5	3.8	3.4	23.5
14	2.4	4.1	4.4	3.4	2.8	2.6	1.8	1.0	22.5	2.9	3.2	3.3	2.6	3.6	2.1	2.4	1.7	21.8
15	1.2	2.2	2.1	2.4	1.5	1.6	2.7	2.0	15.7	1.9	2.1	2.0	1.9	1.0	0.8	1.1	1.2	12.0
16	1.2	1.3	1.3	1.9	1.7	1.5	2.9	1.4	13.2	1.6	1.2	1.5	1.5	1.9	2.2	3.5	1.4	14.8
17	1.8	1.4	1.2	1.5	1.1	1.7	1.9	1.5	12.1	1.6	2.2	2.5	2.9	2.8	1.8	2.1	1.5	17.4
18	2.0	1.2	1.0	2.0	1.2	1.4	1.1	2.0	11.9	3.0	2.2	2.2	2.7	1.5	1.6	0.9	0.5	14.6
19	1.1	1.2	2.0	1.2	0.9	1.2	1.1	1.0	9.7	2.2	1.6	1.8	2.5	4.1	4.3	3.1	3.2	22.8
20	0.5	0.9	1.7	1.8	1.8	3.4	2.4	3.0	15.5	2.0	2.8	2.8	2.5	2.5	2.1	1.6	1.4	17.7
21	3.5	2.1	1.0	1.3	2.4	2.4	1.8	2.0	16.5	1.6	2.4	1.7	1.0	1.8	0.5	0.3	0.5	9.8
22	1.5	1.6	4.1	2.2	1.6	2.5	3.6	2.9	20.0	0.5	1.0	1.1	0.9	1.5	1.3	0.8	0.8	7.9
23	2.6	1.8	1.8	1.6	1.6	2.2	1.8	2.2	15.6	1.1	1.1	1.8	2.0	2.4	2.7	2.4	2.1	15.6
24	1.2	2.0	1.2	1.0	1.4	1.9	1.6	2.2	12.5	3.0	2.5	2.5	1.5	2.2	2.2	1.3	2.2	17.4
25	2.7	0.9	0.6	1.4	1.5	0.8	0.8	0.5	9.2	2.2	2.1	2.0	0.9	1.2	1.8	1.9	1.7	13.8
26	0.6	0.6	0.6	1.0	1.5	1.0	0.6	0.8	6.7	1.3	1.7	1.4	1.4	1.6	2.0	1.8	1.5	12.7
27	0.3	1.2	1.9	4.0	3.3	3.7	3.9	3.4	21.7	1.4	1.9	1.2	0.9	1.5	1.4	0.9	1.2	10.4
28	2.2	4.0	3.9	2.7	2.9	2.3	2.3	2.5	22.8	1.2	1.4	2.6	2.4	3.1	3.5	2.3	2.4	18.9
29	1.9	2.2	1.4	1.6	1.5	1.5	1.4	1.1	12.6	3.1	2.6	2.9	2.2	2.5	3.0	3.2	2.7	22.2
30	2.0	1.4	1.9	1.5	1.1	1.0	1.7	1.0	11.6	3.2	3.9	3.4	2.8	2.5	2.4	2.4	2.9	23.5
31	1.0	1.0	1.5	1.2	0.9	1.4	0.7	1.0	8.7									

Day	July 1942									August 1942								
	Values K_W								Sum	Values K_W								Sum
1	2.5	3.5	3.5	3.4	2.4	2.2	2.2	1.7	21.4	1.9	2.2	1.2	0.9	1.5	1.1	1.2	1.9	11.9
2	1.1	1.4	1.2	1.0	1.3	1.7	2.0	1.8	11.5	1.3	1.4	1.6	1.5	2.1	2.1	1.8	2.0	13.8
3	1.5	1.1	1.6	1.8	1.6	0.9	0.8	0.6	9.9	2.4	2.1	2.0	1.8	1.8	2.1	1.9	1.8	15.9
4	0.5	0.8	1.0	1.0	0.8	0.5	0.7	0.8	6.1	1.3	1.8	1.6	1.4	0.8	1.4	1.7	1.0	11.0
5	0.9	0.7	1.6	1.6	2.1	1.9	1.8	1.6	12.2	1.8	1.4	1.0	1.0	1.9	1.2	2.0	2.3	12.6
6	1.7	1.3	2.0	2.0	2.0	2.4	1.7	2.2	15.3	1.4	1.0	1.9	2.4	3.0	3.9	2.6	2.7	18.9
7	1.9	1.0	1.5	1.5	2.4	2.0	2.1	2.3	14.7	3.2	2.4	3.9	4.3	2.1	2.0	3.1	3.4	24.4
8	3.5	3.2	4.1	4.8	4.3	2.9	3.9	3.4	30.1	1.5	1.1	1.4	1.0	1.0	0.8	0.8	1.0	8.6
9	3.6	2.3	1.4	1.9	2.1	2.7	2.7	2.6	19.3	0.8	1.0	1.4	2.7	3.0	2.2	2.0	1.8	4.9
10	2.3	2.4	2.0	1.7	1.9	2.2	1.9	3.1	17.5	2.6	2.9	3.1	2.4	3.4	4.5	4.4	2.9	26.2
11	4.1	4.4	4.9	4.6	4.8	4.9	3.9	3.3	34.9	2.2	2.9	3.0	3.2	2.7	1.3	0.9	1.2	17.4
12	2.4	3.2	3.1	4.4	3.0	2.8	3.1	2.0	24.0	2.2	2.4	2.9	3.2	1.9	1.9	2.1	2.0	18.6
13	2.9	2.6	2.3	2.0	1.6	2.2	1.5	1.5	16.6	2.6	1.1	0.7	0.7	0.6	0.5	0.4	1.6	8.2
14	1.8	2.4	2.3	2.8	2.7	2.9	2.8	3.2	20.9	1.9	1.0	1.6	2.2	1.3	0.9	0.5	0.9	10.3
15	2.2	2.6	3.7	3.6	3.4	3.8	4.2	4.2	27.7	0.6	0.6	0.8	1.8	1.6	2.0	3.8	3.2	14.4
16	3.2	2.8	2.9	3.4	2.7	2.2	2.6	3.2	23.0	3.8	4.4	3.1	2.5	2.8	3.2	5.2	4.0	29.0
17	3.3	3.2	2.4	3.2	2.1	2.1	1.6	1.3	19.2	3.4	2.9	2.8	3.5	3.4	3.8	3.1	3.6	26.5
18	1.6	1.1	2.1	2.6	1.1	1.1	1.0	1.0	11.6	2.7	2.5	3.6	4.3	4.0	2.8	3.2	3.4	26.5
19	1.4	0.9	1.3	1.6	2.0	1.6	0.9	1.1	10.8	3.2	2.9	3.9	3.9	3.7	3.7	3.6	4.1	29.0
20	1.4	1.7	3.4	4.4	3.3	2.5	3.0	3.2	22.9	3.4	2.8	2.6	3.7	3.5	2.1	3.3	2.1	23.5
21	4.2	3.0	2.6	2.3	1.9	2.1	2.0	2.3	20.4	2.0	2.5	2.4	2.3	3.2	2.0	2.0	2.3	18.7
22	2.1	1.5	1.5	1.9	2.6	1.5	1.5	1.5	14.1	2.8	3.2	2.4	2.1	1.1	1.9	1.4	3.5	18.4
23	2.8	1.4	2.2	1.2	1.8	2.7	2.9	2.1	17.1	4.1	3.8	2.9	3.1	4.2	5.2	4.6	4.5	32.4
24	1.9	2.7	1.9	1.2	1.6	2.3	2.8	2.2	16.6	3.2	3.4	2.3	2.1	2.4	3.5	3.9	3.5	24.3
25	2.9	3.1	3.0	3.9	4.1	3.2	3.6	3.5	27.3	2.6	4.2	3.8	2.6	2.5	2.3	2.8	3.0	23.8
26	2.0	1.4	1.8	1.2	2.1	1.7	2.1	4.0	16.3	2.5	3.1	2.3	2.1	2.4	2.1	3.2	2.8	20.5
27	3.8	3.4	3.6	3.2	3.8	3.3	3.8	3.6	28.5	3.2	2.3	3.2	3.3	2.9	2.4	1.5	0.6	19.4
28	3.0	3.7	3.0	3.1	2.9	2.4	2.9	2.4	23.4	0.9	1.1	1.9	1.7	1.0	1.1	1.0	1.1	9.8
29	3.2	2.5	2.5	2.4	1.5	1.8	1.3	2.1	17.3	0.7	0.8	1.2	1.1	1.5	1.1	1.5	1.6	9.5
30	3.1	2.2	2.3	2.9	2.6	2.2	2.5	2.0	19.8	1.0	1.2	1.1	1.5	1.9	2.3	3.4	1.1	13.5
31	2.8	2.2	1.6	2.5	2.1	1.9	1.6	1.7	16.4	2.0	2.0	2.1	2.3	3.5	2.1	1.6	1.3	16.9

TABLE 5--MEAN K-INDICES FROM TWENTY-EIGHT OBSERVATORIES, 1942--concluded

Day	September 1942 Values K_W								Sum	October 1942 Values K_W								Sum
1	1.4	1.0	1.2	2.9	3.5	3.3	2.8	1.5	17.6	0.8	0.8	0.6	0.4	0.8	1.4	1.1	1.6	7.5
2	2.5	2.6	4.2	2.9	2.0	1.8	2.4	3.4	21.8	2.5	2.2	3.0	4.0	5.5	5.3	5.6	3.5	31.6
3	1.9	1.9	2.4	2.8	1.2	1.4	0.8	0.9	13.3	4.5	5.0	3.9	4.0	4.1	4.7	3.9	3.5	33.6
4	1.5	1.6	1.8	2.7	2.8	2.8	2.0	1.1	16.3	3.2	3.9	3.7	3.7	4.5	4.6	2.9	3.7	30.2
5	1.3	2.6	1.8	2.7	2.3	2.5	2.7	1.9	17.8	3.0	3.6	3.7	3.1	4.2	3.1	2.4	2.4	25.5
6	2.4	2.5	3.6	3.3	4.4	4.1	3.3	4.6	28.2	2.4	1.7	2.1	1.6	0.5	0.9	1.6	2.4	13.2
7	1.9	2.6	2.7	2.4	2.1	3.1	1.4	2.5	18.7	3.6	2.7	2.8	1.8	3.4	2.7	1.7	2.7	21.4
8	2.5	2.4	2.3	2.1	1.8	2.0	1.5	1.1	15.7	1.9	1.7	1.1	1.5	2.3	2.0	3.1	1.6	15.2
9	0.9	1.7	2.2	2.8	1.9	1.3	1.7	1.0	13.5	2.5	2.1	1.8	1.3	1.6	1.5	2.1	0.8	13.7
10	1.9	2.5	2.0	1.7	2.0	1.5	1.3	1.6	14.5	0.9	1.5	2.3	2.4	2.1	2.1	2.0	2.4	15.7
11	1.8	1.9	1.3	2.6	3.6	3.8	4.2	5.0	24.2	1.3	1.0	0.9	2.1	2.4	2.7	4.3	3.1	17.8
12	4.5	4.8	5.1	5.0	3.6	4.3	4.3	3.8	35.4	3.6	3.3	2.9	5.3	4.9	4.1	3.6	3.5	31.2
13	3.4	3.0	3.0	3.5	2.3	3.6	3.8	4.3	26.9	3.7	2.9	2.7	3.3	3.9	5.0	3.5	3.9	28.9
14	3.9	3.4	3.0	3.3	2.9	3.6	4.2	4.4	28.7	3.4	2.7	2.5	3.3	4.5	4.5	4.2	4.4	29.5
15	3.4	4.1	3.4	3.8	3.4	3.7	3.6	2.0	27.4	2.4	4.0	3.5	2.7	3.2	3.2	4.2	4.0	27.2
16	3.1	3.6	2.6	2.9	2.9	3.2	2.8	4.3	25.4	4.2	2.4	2.4	2.8	4.0	3.2	3.9	2.4	25.3
17	3.1	2.6	3.2	4.7	4.0	4.5	3.8	4.0	29.9	2.6	3.4	2.5	1.9	2.1	2.3	2.7	2.5	20.0
18	3.2	3.1	2.9	3.0	2.8	3.8	4.3	3.6	26.7	1.9	2.6	2.6	3.1	3.0	4.3	3.9	3.0	24.4
19	3.3	3.6	3.3	3.8	3.6	3.8	2.9	3.1	27.4	4.3	3.5	3.8	3.7	4.3	4.7	3.1	2.0	29.4
20	2.6	2.6	2.0	4.0	4.6	3.1	3.3	3.9	26.1	2.9	2.6	1.9	3.3	4.2	4.3	2.3	0.9	22.4
21	3.8	3.8	4.1	4.4	4.4	4.4	3.9	2.6	31.4	1.1	1.1	1.8	1.0	2.8	3.3	1.3	1.2	13.6
22	2.4	4.0	2.9	3.8	3.5	3.2	2.1	3.4	25.3	1.1	1.3	1.0	1.4	1.9	1.0	1.0	0.7	9.4
23	2.6	1.9	2.1	2.3	1.5	1.0	1.5	2.3	15.2	0.6	0.8	1.6	1.9	1.7	1.4	1.3	0.9	10.2
24	2.9	1.6	1.7	1.1	1.4	1.3	1.5	1.8	13.3	0.7	0.7	0.8	0.9	1.3	1.3	1.4	0.9	8.0
25	1.6	1.6	1.0	1.2	1.7	1.5	1.2	1.5	11.3	1.8	2.6	3.0	2.7	3.1	1.9	1.5	1.2	17.8
26	1.4	0.9	1.1	1.9	1.8	2.9	1.7	1.9	13.6	1.8	2.3	1.8	1.0	1.0	0.9	2.3	2.8	13.9
27	1.4	1.8	1.9	1.8	2.4	2.2	1.7	2.7	15.9	2.6	1.8	1.6	1.5	1.4	2.2	1.3	1.6	14.0
28	1.8	1.2	1.0	1.4	2.4	1.4	1.0	1.4	11.6	0.6	0.8	1.0	2.6	5.0	6.3	5.9	5.7	27.9
29	1.2	1.0	1.0	2.0	1.9	1.7	1.5	1.0	11.3	4.5	4.4	5.5	5.9	5.2	5.2	5.1	4.9	40.7
30	0.9	1.0	1.6	2.3	1.2	1.2	1.8	1.2	11.2	4.0	3.8	4.2	3.9	4.0	5.1	3.9	3.6	32.5
31										3.7	3.2	3.5	4.4	4.6	3.6	3.9	3.3	30.2

Day	November 1942 Values K_W								Sum	December 1942 Values K_W								Sum
1	1.9	2.2	3.1	3.5	2.6	2.9	1.5	1.5	19.2	1.5	0.6	1.0	0.9	1.7	1.7	2.9	2.5	12.8
2	2.2	2.4	2.3	3.1	2.9	3.8	3.4	2.1	22.2	2.6	1.0	0.7	0.9	0.8	1.2	1.1	1.2	9.5
3	2.0	1.4	1.6	2.0	3.0	3.0	2.8	1.9	17.7	1.6	0.6	0.5	0.5	0.6	1.6	1.2	3.1	9.7
4	1.0	1.8	3.3	3.6	2.3	1.4	2.3	2.0	17.7	2.8	1.8	2.2	1.2	3.6	3.5	1.7	1.7	18.5
5	1.5	1.0	1.4	1.2	1.6	1.1	2.4	3.2	13.4	1.9	1.5	0.9	1.0	1.0	1.7	1.0	0.4	9.4
6	2.9	2.3	1.1	1.2	0.7	2.2	0.9	2.0	13.3	0.5	0.4	0.5	1.0	1.2	0.8	1.8	2.3	8.5
7	1.8	2.2	2.1	2.0	3.0	2.2	1.8	1.9	17.0	1.2	1.1	1.0	2.0	3.1	3.4	3.0	3.1	17.9
8	2.0	2.5	3.1	3.1	3.2	6.4	3.4	2.6	26.3	2.1	1.2	2.4	1.3	3.0	3.1	4.0	3.2	20.3
9	2.4	1.1	0.8	0.9	1.5	1.9	1.8	1.9	12.3	2.6	2.3	1.6	2.2	4.0	4.5	4.3	4.5	26.0
10	1.8	0.9	1.9	1.8	4.0	2.6	2.3	2.6	17.9	4.2	4.0	3.4	2.8	2.3	2.1	2.8	2.9	24.5
11	2.6	2.1	2.2	2.1	3.5	1.5	3.5	2.8	20.3	1.3	3.2	2.2	3.0	3.6	1.7	2.2	3.1	20.3
12	2.2	2.5	2.4	1.4	2.4	1.9	2.2	2.5	17.5	2.9	1.6	2.6	3.4	3.3	2.0	1.3	2.1	19.2
13	2.4	1.8	1.9	2.4	3.9	3.2	2.9	2.6	21.1	1.8	0.4	0.7	1.0	1.2	2.4	1.4	1.2	10.1
14	2.4	2.5	3.0	2.4	2.0	2.7	3.7	3.0	21.7	1.6	1.8	2.0	2.1	2.2	2.6	2.0	1.6	15.9
15	3.4	1.9	0.8	0.9	1.6	2.5	2.6	3.0	16.7	1.3	1.5	0.8	0.9	1.4	1.7	2.5	2.0	12.1
16	3.0	1.2	1.1	1.0	0.5	0.6	1.7	1.6	10.7	1.6	1.9	1.5	1.5	1.4	2.6	1.8	2.3	14.6
17	1.1	1.6	1.6	2.4	2.7	1.9	1.7	2.3	15.3	0.4	0.9	1.1	1.1	1.0	1.2	0.9	1.6	8.2
18	2.6	1.5	2.6	2.5	2.1	2.7	2.8	2.0	18.8	0.8	1.1	1.0	0.8	0.7	0.9	0.5	0.6	6.4
19	1.1	1.4	2.1	2.3	1.2	1.5	1.9	1.9	13.4	0.8	0.7	1.3	1.0	0.5	0.5	0.7	1.2	6.7
20	2.0	2.5	2.1	3.8	2.4	2.7	4.1	2.4	22.0	2.1	1.8	1.1	1.4	0.5	2.9	3.0	3.3	16.1
21	2.1	1.9	2.7	2.8	2.1	1.6	2.1	1.9	17.2	3.5	3.8	3.2	4.1	5.1	4.3	3.3	3.2	30.5
22	0.8	0.5	1.4	1.2	1.2	1.5	1.4	1.5	9.5	3.7	3.4	2.6	3.8	2.8	1.6	2.6	0.9	21.4
23	1.9	1.6	1.8	2.2	3.3	4.0	3.0	4.9	22.7	1.5	2.4	4.1	4.6	5.0	4.7	3.9	2.8	29.0
24	5.1	5.1	4.7	5.4	4.2	3.3	4.5	2.7	35.0	2.1	2.1	3.1	3.4	3.9	3.6	2.6	3.2	24.0
25	3.6	3.4	2.9	4.2	3.5	4.4	3.6	4.3	29.9	3.6	1.9	1.9	2.6	2.9	2.5	2.4	2.5	20.3
26	3.9	4.5	2.8	3.6	4.2	3.9	4.4	3.4	30.7	2.6	3.4	3.2	3.1	3.6	3.7	3.5	3.4	26.5
27	2.0	1.9	2.8	3.9	2.8	2.0	3.5	3.1	22.0	1.8	1.8	1.4	1.2	1.8	1.2	1.4	1.8	12.4
28	1.9	2.3	2.7	3.7	3.9	4.5	3.9	4.0	26.9	1.2	1.5	1.0	1.0	2.0	1.4	1.2	0.9	10.2
29	3.6	2.0	2.1	3.2	3.1	3.4	2.6	2.0	22.0	0.5	0.8	0.5	1.3	1.3	1.8	1.1	1.0	8.3
30	1.4	1.5	2.4	1.6	2.9	2.1	2.0	1.2	15.1	0.8	0.4	0.4	0.4	0.4	0.4	0.7	0.9	4.4
31										1.3	0.4	0.5	0.8	0.2	0.1	0.4	0.5	4.2

TABLE 5--MEAN K-INDICES FROM TWENTY-SEVEN OBSERVATORIES, 1943

Day	January 1943 Values K_W								Sum	February 1943 Values K_W								Sum
1	0.5	0.3	0.5	0.7	0.5	1.7	2.7	2.5	9.4	1.9	0.9	1.4	0.9	1.2	1.7	1.3	2.3	11.6
2	1.6	1.0	1.8	1.6	1.3	2.7	1.7	1.2	12.9	1.3	1.0	1.8	1.3	2.3	2.0	1.2	1.8	12.7
3	1.4	1.5	1.2	1.7	2.9	2.8	2.0	2.7	16.2	2.1	2.3	2.6	2.6	2.7	1.8	2.5	2.5	19.1
4	2.4	2.2	2.4	4.9	5.2	5.2	4.1	3.1	29.5	2.6	3.0	2.4	3.7	2.5	1.8	2.2	2.2	20.4
5	3.6	3.0	3.2	2.7	1.7	3.0	2.6	3.2	23.0	2.5	1.8	2.3	2.6	3.0	2.4	3.1	1.5	19.2
6	2.7	2.0	2.4	2.4	2.0	2.5	2.2	2.1	18.3	2.9	1.2	2.1	2.3	2.4	3.1	2.3	2.5	18.8
7	1.1	0.9	0.8	0.6	0.7	0.7	0.7	1.0	6.5	1.6	1.6	1.4	1.0	0.8	1.5	1.6	2.0	11.5
8	0.6	1.0	0.8	0.7	1.4	1.9	2.2	2.5	11.1	1.6	1.0	1.3	1.2	1.5	1.3	3.0	1.5	12.4
9	2.2	1.9	3.2	2.9	1.0	1.6	1.2	1.1	15.1	1.9	1.8	2.2	1.8	1.2	1.0	1.9	1.2	13.0
10	1.0	1.4	1.5	1.8	1.2	1.4	1.6	2.6	12.5	0.4	0.7	0.8	0.9	1.3	1.5	1.9	1.3	8.8
11	1.3	1.1	1.1	0.9	0.6	1.9	1.0	1.7	9.6	2.7	3.0	3.3	2.2	2.0	0.3	1.2	1.2	15.9
12	1.4	2.2	2.6	1.5	1.4	0.7	1.0	1.6	12.4	1.1	1.3	0.7	1.5	1.4	0.8	1.8	1.8	10.4
13	1.4	1.0	1.3	1.2	0.9	1.2	1.0	1.2	9.2	2.7	2.7	3.6	2.6	2.8	2.2	2.3	1.9	20.8
14	0.6	1.0	1.0	0.5	0.4	0.4	0.6	0.6	5.1	1.9	1.5	1.9	2.3	1.1	0.7	1.1	1.5	12.0
15	0.3	0.8	0.8	0.4	0.9	1.2	0.9	1.2	6.5	1.6	1.1	1.8	2.1	1.3	0.6	1.5	0.8	10.8
16	0.9	0.8	0.9	1.3	2.0	2.7	2.2	1.9	12.7	0.8	0.7	0.8	0.8	0.5	2.3	2.4	1.8	10.1
17	2.7	1.8	2.9	4.3	4.1	4.1	3.5	2.8	26.2	2.9	4.1	4.4	5.7	4.3	3.1	3.9	3.6	32.0
18	2.2	1.9	2.9	2.5	2.6	1.8	2.6	1.1	17.6	2.5	2.6	3.1	2.7	2.8	1.6	0.8	1.9	18.0
19	1.6	1.5	2.0	1.3	2.2	2.4	2.2	2.1	15.3	2.7	1.5	2.5	2.5	2.3	2.7	1.2	1.0	16.4
20	1.6	2.1	3.2	3.0	2.8	5.1	5.5	5.2	28.5	0.5	1.5	0.7	2.2	2.0	2.0	0.9	0.7	10.5
21	3.7	3.2	3.5	4.3	3.9	2.9	2.0	3.9	27.4	0.4	0.3	1.2	1.1	0.8	1.0	1.5	1.1	7.4
22	4.6	1.8	2.7	3.3	4.0	4.2	3.6	3.1	27.3	0.7	0.4	0.9	2.1	1.9	1.1	1.5	1.8	10.4
23	2.8	2.4	2.0	2.5	2.0	1.8	1.6	2.1	17.2	1.6	1.5	2.0	2.1	1.9	1.8	2.7	2.4	16.0
24	2.6	1.8	1.4	2.5	2.2	2.0	2.4	1.9	16.8	2.1	2.3	2.0	2.3	2.1	1.5	1.9	2.2	16.4
25	1.6	1.4	1.6	1.6	1.4	1.2	1.0	0.9	10.7	1.0	1.5	0.4	1.8	1.7	3.2	4.2	3.6	17.4
26	2.3	2.6	3.1	4.0	2.4	3.2	1.6	1.9	21.1	4.2	3.9	2.8	3.3	1.6	3.7	3.8	2.9	26.2
27	1.9	1.0	0.8	2.1	2.9	2.9	1.6	0.8	14.0	3.3	2.9	1.4	2.8	2.2	1.1	1.9	1.6	17.2
28	0.8	1.8	2.2	3.0	2.5	2.8	2.5	1.5	17.1	1.3	1.4	1.1	1.5	0.9	1.0	1.1	0.3	8.6
29	1.5	1.0	1.2	1.5	1.9	1.2	1.7	1.9	11.9									
30	2.8	2.0	1.5	0.9	1.0	0.9	1.0	2.1	12.2									
31	0.9	1.3	1.3	1.2	1.6	2.2	1.5	1.8	11.8									

Day	March 1943 Values K_W								Sum	April 1943 Values K_W								Sum
1	0.6	2.0	0.8	1.3	2.6	2.9	2.0	1.2	13.4	3.2	3.1	2.4	2.8	2.5	2.6	2.8	2.2	21.6
2	1.5	2.2	4.4	3.8	3.3	1.5	1.7	1.4	19.8	3.2	2.2	3.3	1.7	3.3	2.3	1.6	3.0	20.6
3	0.9	1.2	2.2	3.3	2.6	1.6	2.3	2.8	16.9	4.7	3.9	4.1	3.9	3.2	3.8	3.0	3.5	30.1
4	2.4	2.4	3.6	3.7	3.6	2.6	3.2	3.9	25.4	3.5	3.4	2.8	3.3	4.1	3.1	3.9	2.4	26.5
5	2.8	3.3	3.4	2.5	2.3	3.5	2.5	2.2	22.5	4.1	2.7	2.7	3.2	3.0	4.9	2.8	3.8	27.2
6	2.3	1.2	2.0	1.0	1.9	1.8	2.8	1.7	14.7	3.1	2.1	3.5	4.3	4.6	3.8	2.5	3.2	27.1
7	1.9	1.1	1.2	1.2	1.6	1.8	2.2	2.2	13.2	4.1	3.5	2.8	2.7	3.6	2.1	3.0	2.2	24.0
8	2.5	2.5	2.1	2.3	2.1	2.3	1.9	2.3	18.0	2.5	1.7	3.0	2.4	1.6	0.9	1.1	0.8	14.0
9	2.6	1.2	2.2	2.5	2.2	2.0	1.7	2.0	16.4	0.6	1.0	0.6	0.6	1.6	1.0	1.9	1.7	9.0
10	1.6	0.8	0.8	1.2	1.3	1.7	1.3	1.6	10.3	1.2	2.8	3.8	4.1	3.9	2.8	4.1	3.9	26.6
11	2.3	1.3	0.9	1.5	2.2	3.0	4.6	3.3	19.1	4.2	4.8	4.8	4.3	2.5	2.5	3.1	3.0	29.2
12	3.2	3.5	1.8	2.9	3.5	4.2	3.2	2.5	24.8	2.1	0.9	1.1	1.5	1.8	1.1	1.1	0.8	10.4
13	1.8	1.1	0.7	0.6	1.7	0.6	0.8	1.3	8.6	0.4	0.9	1.3	0.6	0.7	1.4	0.5	1.1	6.9
14	2.0	2.5	2.2	2.6	1.8	2.5	0.8	1.2	15.6	0.8	0.7	0.8	0.8	1.0	1.2	1.2	1.0	7.5
15	0.8	0.8	0.7	1.0	0.8	1.7	0.9	1.3	8.0	0.8	1.0	1.6	2.4	2.5	2.5	2.9	2.8	16.5
16	2.0	2.6	3.3	4.9	3.4	2.7	3.7	3.8	26.4	2.5	2.6	3.2	3.2	2.8	2.4	2.5	1.8	21.0
17	3.7	1.2	1.6	3.3	2.9	1.1	0.8	1.9	16.5	1.9	1.5	3.0	2.4	1.8	2.0	1.3	1.5	15.4
18	1.2	1.2	2.4	2.0	1.1	2.2	2.0	1.5	13.6	1.3	2.8	1.9	1.8	1.2	1.4	0.9	1.3	12.6
19	1.2	1.0	2.3	2.3	1.6	3.2	3.2	3.4	18.2	2.0	2.1	0.9	1.2	1.9	0.8	1.2	0.6	10.7
20	2.0	2.6	4.2	4.0	3.1	3.6	4.3	1.6	25.4	0.4	1.2	1.5	2.9	3.1	3.1	1.5	2.4	16.1
21	1.5	1.9	2.3	3.5	2.3	2.5	2.0	1.7	17.7	3.6	3.4	3.2	4.1	3.6	3.1	3.2	1.9	26.1
22	1.8	2.0	1.5	3.2	2.8	3.3	3.8	4.1	22.5	1.3	1.9	3.2	2.9	1.5	1.5	1.0	1.2	14.5
23	4.5	4.1	4.0	3.7	3.3	2.5	3.2	2.4	27.7	0.5	1.0	0.8	1.2	0.7	0.8	0.9	0.9	6.8
24	1.5	1.6	2.7	2.2	3.2	3.1	1.1	0.5	15.9	0.8	0.8	0.6	0.8	0.9	0.6	0.5	1.0	6.0
25	0.8	2.2	1.1	1.0	0.9	0.6	0.6	0.7	7.9	2.2	2.4	2.6	1.9	1.9	2.7	2.6	3.7	20.0
26	1.7	1.4	1.8	0.8	1.0	1.8	1.0	1.7	11.2	4.8	4.4	4.4	3.6	3.0	2.4	2.5	3.2	28.3
27	1.6	0.5	0.7	1.3	1.1	1.7	2.2	1.5	10.6	3.2	1.5	1.6	0.6	2.0	2.0	1.1	0.5	12.5
28	0.3	0.5	1.0	0.9	1.2	0.9	1.8	1.5	8.1	1.1	1.6	1.4	0.6	0.8	1.4	2.7	3.3	12.9
29	2.0	2.1	1.8	2.6	3.2	3.7	5.9	4.8	26.1	2.9	2.0	3.2	2.9	2.2	2.3	2.1	2.5	20.1
30	4.0	3.5	3.1	3.7	3.3	2.8	4.0	3.5	27.9	2.8	3.7	3.2	4.5	3.0	2.2	2.7	2.9	25.0
31	3.3	2.8	2.0	1.4	2.3	3.8	2.8	4.0	22.4									

TABLE 5--MEAN K-INDICES FROM TWENTY-SEVEN OBSERVATORIES, 1943--continued

Day	May 1943 Values K_W	Sum	June 1943 Values K_W	Sum
1	4.0 4.6 4.9 5.0 4.0 3.8 4.4 4.6	35.3	1.7 1.9 2.2 2.5 2.1 1.3 2.4 2.6	16.7
2	4.3 2.9 3.8 4.2 3.3 4.0 2.2 1.9	26.6	1.4 1.5 1.6 3.1 2.9 1.3 1.4 1.0	14.2
3	2.5 1.0 1.1 1.4 2.0 3.2 1.9 3.6	16.7	0.9 0.9 2.1 1.3 1.3 1.3 0.9 1.4	10.1
4	2.3 3.2 2.5 1.7 1.6 1.8 1.9 2.5	17.5	1.6 1.5 1.3 1.2 1.3 0.9 0.5 0.3	8.6
5	1.7 1.4 2.5 2.8 2.8 2.3 1.9 1.5	16.9	1.7 1.1 0.9 1.3 2.0 1.9 2.1 2.2	13.2
6	2.4 0.9 0.5 1.7 1.8 1.9 0.9 0.8	10.9	3.2 3.3 3.3 1.9 2.0 1.4 0.9 1.0	17.0
7	2.1 2.3 1.3 1.1 1.3 0.8 1.0 1.3	11.2	1.3 1.4 1.6 2.8 3.3 2.6 2.0 2.9	17.9
8	1.1 0.8 0.4 0.8 1.3 1.1 1.0 0.7	7.2	2.8 4.0 3.6 4.6 4.0 4.1 3.1 3.3	29.5
9	0.7 1.2 1.4 0.9 0.8 1.0 0.9 0.6	7.5	3.1 3.9 3.7 4.4 3.2 2.8 2.6 2.2	25.9
10	1.0 1.0 1.3 1.8 2.3 2.4 2.1 1.1	13.0	1.6 3.2 3.8 4.3 2.0 3.5 1.8 3.4	23.6
11	1.3 2.0 1.8 0.9 1.8 3.0 2.1 2.4	15.3	1.4 1.0 1.9 3.4 3.5 3.4 2.1 2.5	19.2
12	2.4 3.7 3.3 1.6 1.6 1.2 2.0 1.9	17.7	1.4 2.8 3.7 3.3 3.0 2.2 2.8 2.2	21.4
13	2.1 2.0 4.2 3.6 3.4 3.6 2.0 2.7	23.6	4.8 3.3 2.2 2.4 3.2 2.9 3.2 2.9	24.9
14	3.1 2.8 1.9 3.1 1.7 1.9 1.6 2.6	18.7	3.7 3.3 3.0 3.2 2.6 2.3 1.5 0.8	20.4
15	4.9 4.0 3.6 3.9 2.7 2.1 2.1 2.5	25.8	0.9 1.8 1.4 1.1 0.8 0.6 1.2 1.3	9.1
16	1.0 0.9 1.6 3.5 3.9 3.0 3.5 2.5	19.9	1.1 1.1 1.0 1.0 0.8 0.9 0.9 1.0	7.8
17	2.6 2.6 3.4 2.9 2.5 3.5 4.2 3.9	25.6	1.4 1.1 0.7 0.5 0.6 0.5 0.4 0.4	5.6
18	4.6 4.6 4.6 4.3 3.6 2.8 2.7 3.6	30.8	0.3 0.8 0.9 0.9 0.8 0.8 1.0 1.2	6.7
19	3.5 4.0 3.6 2.3 3.4 2.0 3.1 2.6	24.5	1.2 1.3 1.6 2.8 2.5 3.1 2.6 3.6	18.7
20	2.0 1.3 1.3 2.0 2.3 1.1 1.1 1.3	12.4	4.4 3.7 2.6 3.3 2.8 2.5 2.7 3.3	25.3
21	1.3 1.3 1.7 1.9 1.3 1.4 1.0 0.3	10.2	3.3 2.8 3.2 3.8 3.5 3.6 2.9 3.0	26.1
22	0.7 1.2 1.3 1.1 1.0 0.8 0.4 1.3	7.8	2.7 3.9 4.2 2.9 2.6 2.8 3.0 2.6	24.7
23	1.1 2.3 2.4 2.3 2.1 2.0 2.1 2.5	16.8	3.0 3.2 3.0 2.8 4.1 3.8 3.2 3.5	26.6
24	4.9 3.7 2.6 2.7 3.2 3.6 3.5 3.7	27.9	3.4 4.0 3.9 3.5 3.2 3.6 3.2 2.7	27.5
25	3.7 2.9 3.9 3.1 3.9 2.9 3.0 2.6	26.0	2.9 2.9 3.0 3.2 2.6 2.7 2.5 2.8	22.6
26	2.4 2.1 1.4 1.9 1.7 2.6 2.6 2.5	17.2	1.8 2.0 1.2 1.5 1.8 1.2 1.7 1.9	13.1
27	2.8 3.1 3.0 1.7 1.4 2.2 2.6 3.5	20.3	2.8 1.3 1.7 1.7 1.6 2.0 1.7 3.2	16.0
28	4.1 4.0 3.9 3.7 3.1 3.4 2.9 3.2	28.3	2.5 3.1 4.3 3.1 3.7 2.7 3.6 2.8	25.8
29	2.9 3.6 2.9 2.8 2.1 1.7 2.4 1.5	19.9	2.9 3.0 2.0 1.8 1.0 0.9 1.0 0.8	13.4
30	2.4 2.0 3.3 1.3 1.8 1.7 1.6 1.7	15.8	1.3 1.3 1.3 1.7 1.4 0.9 0.6 0.8	9.3
31	1.2 1.1 1.6 1.5 1.7 1.8 1.5 1.8	12.2		

Day	July 1943 Values K_W	Sum	August 1943 Values K_W	Sum
1	1.1 1.4 1.8 0.7 0.8 0.8 0.8 0.8	8.2	2.8 2.9 3.3 3.0 3.9 3.9 3.3 2.4	25.5
2	0.6 1.1 2.1 1.6 1.5 1.0 1.4 2.5	11.8	2.6 3.1 4.4 3.1 3.5 3.6 3.6 3.2	27.1
3	2.6 4.0 4.0 2.9 2.2 2.1 1.9 1.6	21.3	4.4 3.5 3.9 3.8 3.9 2.4 3.7 2.9	28.5
4	2.0 2.0 2.6 3.8 3.5 4.5 4.4 3.8	26.6	2.7 3.5 3.5 3.6 4.0 3.9 3.7 3.1	28.0
5	4.7 4.6 4.4 3.8 4.1 4.0 4.2 4.1	33.9	4.1 3.3 3.7 3.4 3.6 2.9 2.8 2.2	26.0
6	4.4 4.5 4.1 5.0 3.9 3.7 3.2 3.7	32.5	2.2 2.3 3.5 2.8 2.4 2.6 3.8 2.0	21.6
7	3.2 3.2 2.8 3.3 2.5 3.2 2.5 2.8	23.5	2.2 2.1 3.2 5.1 3.8 3.4 1.0 1.3	22.1
8	3.5 3.2 4.3 4.3 3.6 2.9 2.9 2.0	26.7	2.8 4.1 3.2 4.8 5.3 5.7 5.0 5.3	36.2
9	2.9 3.1 4.8 4.5 3.1 3.7 4.1 3.0	29.2	5.6 4.7 3.6 2.9 3.0 2.9 2.1 3.0	27.8
10	3.2 3.9 3.4 4.4 3.9 3.1 2.3 2.1	26.3	3.2 3.1 2.1 1.9 1.4 1.0 1.2 1.9	15.8
11	2.2 3.4 4.2 3.8 3.9 2.8 2.5 3.0	25.8	2.0 1.7 2.0 1.5 1.2 1.3 1.6 1.7	13.0
12	3.1 3.5 3.5 3.4 2.1 2.7 2.9 2.9	24.1	1.9 1.6 2.2 1.1 1.1 2.1 2.1 3.7	15.8
13	3.5 2.8 2.9 2.5 2.8 3.2 2.9 2.4	23.0	3.0 4.6 4.4 5.1 4.8 3.9 4.4 4.9	35.1
14	2.4 0.6 0.7 1.0 0.8 1.0 1.5 0.6	8.6	3.8 2.9 3.0 3.7 3.8 3.6 3.9 4.1	28.8
15	1.0 1.5 2.2 2.5 2.9 2.4 2.8 2.0	17.3	3.0 2.9 3.0 2.1 3.1 3.3 3.7 3.3	24.4
16	2.6 2.6 2.4 2.2 2.1 2.5 2.5 2.2	19.1	3.6 3.3 4.6 4.9 3.4 3.1 2.8 2.9	28.6
17	3.3 2.0 1.7 1.4 2.2 1.9 2.4 2.9	17.8	4.5 4.1 4.2 3.0 2.3 3.0 2.9 3.2	27.2
18	2.2 3.0 2.8 3.4 4.0 3.6 3.4 3.0	25.4	3.3 3.3 4.2 5.9 4.4 3.6 2.7 1.7	29.1
19	3.3 3.3 3.6 2.0 2.1 2.8 2.4 2.9	22.4	1.5 2.4 4.2 4.4 4.1 4.2 4.0 4.2	29.0
20	2.7 1.8 2.1 2.3 2.1 2.4 1.8 2.0	17.2	4.7 4.1 4.5 4.9 3.9 2.9 3.1 3.6	31.7
21	3.2 2.5 3.2 3.0 2.8 2.9 2.2 2.6	22.4	4.0 4.0 3.6 3.1 3.1 1.7 1.6 2.0	23.1
22	2.4 2.9 3.2 3.3 2.9 2.6 2.5 2.8	22.6	1.7 1.3 1.3 0.7 1.8 1.3 1.6 1.3	11.0
23	1.9 1.8 2.5 2.2 2.0 2.2 1.8 1.4	15.8	1.6 2.0 1.5 1.7 2.5 1.9 2.3 3.2	16.7
24	1.6 2.1 1.7 1.0 1.1 0.9 0.5 0.6	9.5	3.3 4.6 4.3 2.1 2.2 3.6 2.1 2.6	24.8
25	1.0 1.7 1.0 1.1 0.8 0.8 1.1 1.5	9.0	3.6 3.9 3.2 2.6 2.7 3.3 2.6 2.9	24.8
26	1.5 1.5 1.6 2.4 1.3 1.6 2.9 2.1	14.9	2.8 3.3 4.4 3.0 2.3 2.5 2.6 1.8	22.7
27	3.0 1.9 2.2 2.1 2.3 2.2 1.5 1.4	16.6	1.3 1.9 1.0 1.0 1.0 1.1 1.7 1.4	10.4
28	0.8 1.5 1.5 1.6 2.0 1.0 1.3 1.4	11.1	1.6 2.6 2.5 4.1 5.6 4.6 3.2 4.6	28.8
29	1.9 1.6 1.2 0.9 0.6 0.6 0.5 1.6	8.9	4.0 3.6 3.7 4.0 4.8 4.7 3.8 2.4	31.0
30	2.4 3.4 3.2 4.1 3.8 3.9 3.3 2.6	26.7	4.6 5.4 4.8 4.6 5.3 5.3 5.1 5.7	40.8
31	3.0 2.1 2.9 3.9 2.5 1.7 2.5 3.2	21.8	5.8 6.3 6.3 6.0 6.3 5.9 5.0 3.9	45.5

TABLE 5--MEAN K-INDICES FROM TWENTY-SEVEN OBSERVATORIES, 1943--concluded

Day	September 1943								Sum	October 1943								Sum
	Values K_W									Values K_W								
1	4.6	3.7	3.8	4.0	4.3	4.3	3.9	2.6	31.2	4.2	4.5	3.6	3.7	4.7	3.8	4.0	4.3	32.8
2	4.1	3.6	3.2	4.1	4.6	2.9	3.9	4.0	30.4	4.9	3.5	3.2	4.0	4.5	4.3	4.8	4.1	33.3
3	3.8	4.4	4.5	4.8	4.5	4.1	3.0	4.6	33.7	3.9	3.3	4.6	4.9	4.1	4.2	3.3	4.2	32.5
4	2.9	4.1	4.5	4.4	3.6	3.1	3.1	1.9	27.6	3.8	3.6	3.2	3.8	3.8	3.0	1.9	2.2	25.3
5	3.6	3.9	2.9	3.5	2.6	3.3	3.0	2.9	25.7	3.2	2.2	2.1	1.8	2.0	1.5	2.6	1.8	17.2
6	2.5	2.8	3.0	2.9	1.6	2.1	2.5	0.9	18.3	1.7	2.0	1.6	1.4	1.0	1.3	0.5	0.6	10.1
7	2.3	2.0	1.8	1.9	1.8	1.9	2.0	1.8	15.5	2.6	1.9	1.6	2.3	3.8	3.3	3.2	3.7	22.4
8	2.1	1.8	2.5	2.5	2.3	4.4	4.8	4.0	24.4	3.5	2.0	2.5	5.1	4.5	4.0	3.5	4.1	29.2
9	4.9	4.0	3.5	4.1	3.4	3.1	3.4	4.2	30.6	3.1	4.2	5.2	4.3	3.6	4.5	4.2	3.5	32.6
10	4.6	4.0	3.4	4.4	3.7	3.8	2.5	3.5	29.9	2.5	2.7	3.5	2.3	3.2	4.6	2.4	1.7	22.9
11	3.9	4.0	3.0	2.4	3.6	3.2	2.6	3.6	26.3	1.9	1.4	3.2	3.2	2.8	1.8	2.6	2.7	19.6
12	3.6	2.1	2.2	4.1	2.3	3.0	3.6	2.7	23.6	2.9	3.3	3.3	2.0	0.7	1.9	3.0	2.8	19.9
13	4.0	4.2	2.9	3.9	3.2	3.9	3.6	2.6	28.3	2.4	2.2	1.2	1.1	2.4	1.3	1.2	1.6	13.4
14	3.7	3.2	2.6	4.2	3.5	2.4	3.5	3.6	26.7	1.8	0.8	1.0	1.0	0.8	1.2	2.0	0.6	9.2
15	3.4	2.6	2.9	2.1	2.2	2.9	2.7	3.1	21.9	0.6	0.4	0.6	1.2	1.3	0.4	0.8	0.6	5.9
16	2.1	1.8	1.6	1.7	2.4	3.5	2.5	2.5	18.1	1.1	1.2	1.0	0.8	1.5	1.2	0.8	1.8	9.4
17	2.3	3.2	2.6	1.5	1.6	2.0	2.1	2.8	18.1	1.1	1.8	3.2	3.5	3.2	1.9	1.9	2.7	19.3
18	1.6	2.0	1.2	1.4	0.8	0.6	1.9	3.8	13.3	1.0	0.5	1.2	1.0	1.5	2.5	2.4	2.4	12.5
19	2.8	3.0	2.6	2.8	2.0	1.5	2.0	1.5	18.2	2.1	2.2	2.1	2.5	2.3	1.5	2.0	0.8	15.5
20	1.0	1.5	1.3	1.0	2.6	2.1	1.5	2.8	13.8	1.3	1.2	1.3	1.4	1.8	3.7	4.5	2.8	18.0
21	3.1	2.7	3.4	4.4	3.5	2.6	3.6	2.8	26.1	3.5	2.0	1.8	0.9	0.7	0.6	0.8	0.8	11.1
22	3.2	3.7	3.4	2.6	3.6	3.6	2.2	2.1	24.4	1.0	1.5	3.1	4.6	3.6	3.8	2.8	3.6	24.0
23	2.9	3.1	3.1	2.9	1.6	2.1	1.8	2.1	19.6	3.8	2.0	1.9	1.4	3.2	1.8	1.3	2.5	17.9
24	2.6	1.7	1.9	1.4	1.1	1.2	1.8	1.8	13.5	3.1	2.7	2.9	5.4	4.8	3.9	4.0	3.7	30.5
25	1.6	3.6	3.9	3.0	3.1	2.2	1.0	1.3	19.7	4.5	3.6	4.2	4.0	4.2	3.4	3.9	3.3	31.1
26	1.7	3.3	4.0	3.8	5.4	4.8	4.3	3.8	31.1	4.1	4.5	5.0	5.0	4.8	4.0	3.9	3.4	34.7
27	4.1	3.5	3.4	4.3	3.8	3.2	4.5	3.9	30.7	3.2	3.7	4.3	3.8	2.5	3.1	4.3	4.2	29.1
28	4.9	4.4	4.1	4.1	4.7	3.8	3.6	4.2	33.8	4.5	4.5	3.8	3.8	3.7	4.3	3.8	3.5	31.9
29	3.5	4.3	4.5	5.0	5.4	4.3	5.0	4.3	36.3	3.9	3.8	3.9	4.5	4.6	3.8	4.2	3.4	32.1
30	4.3	5.0	4.2	5.5	4.3	3.8	4.2	5.0	36.3	4.0	3.5	3.9	4.1	5.0	3.7	3.5	4.1	31.8
31										3.4	4.2	3.5	4.7	4.8	3.5	4.1	3.2	31.4

Day	November 1943								Sum	December 1943								Sum
	Values K_W									Values K_W								
1	2.9	2.7	3.7	4.1	4.5	3.5	3.7	2.1	27.2	0.4	0.6	1.0	1.7	1.9	3.1	2.7	3.0	14.4
2	1.9	1.2	2.2	2.4	0.7	2.0	1.5	0.8	12.7	1.7	2.0	1.8	2.0	2.3	4.6	4.5	3.8	22.7
3	1.3	1.7	1.7	0.5	1.2	0.8	1.2	1.9	10.3	2.9	3.5	3.3	2.3	4.0	4.3	3.9	3.3	27.5
4	1.4	1.6	1.1	1.0	1.6	1.2	1.0	1.9	10.8	3.2	2.7	2.7	2.5	4.0	3.0	3.4	3.6	25.1
5	1.9	2.7	3.0	2.8	3.7	3.0	2.3	1.9	21.3	2.6	3.8	2.7	2.2	3.0	3.0	2.0	1.5	20.8
6	2.0	2.6	2.7	2.2	3.4	5.5	4.2	4.0	26.6	0.9	0.4	0.3	0.6	0.5	0.9	0.3	0.7	4.6
7	3.0	2.2	3.8	3.1	1.5	1.5	3.5	2.7	21.3	1.3	0.7	1.1	2.0	1.9	0.8	0.8	0.6	9.2
8	2.3	3.0	3.5	3.2	1.9	2.3	1.9	2.4	20.5	1.1	1.5	1.1	1.5	1.3	2.2	1.2	0.7	10.6
9	3.0	2.5	3.3	1.1	1.2	1.9	1.9	2.3	17.2	1.7	2.2	2.7	2.3	1.8	2.8	1.8	1.5	16.8
10	2.0	1.3	1.2	1.4	1.4	1.7	3.2	2.5	14.7	2.5	1.1	1.6	2.1	2.8	2.2	1.1	1.1	14.5
11	1.0	1.4	0.9	0.5	0.5	0.5	1.1	0.6	6.5	0.7	0.8	0.6	1.5	1.1	1.0	1.2	0.9	7.8
12	0.6	0.9	1.1	2.5	2.3	1.8	1.2	0.8	11.2	0.7	0.7	0.6	0.8	0.6	1.2	1.6	1.8	8.0
13	0.3	0.4	0.3	0.8	1.0	1.4	1.7	1.8	7.7	2.0	1.0	0.8	0.8	0.7	0.5	2.1	0.9	8.8
14	1.3	1.9	1.5	0.5	0.9	1.5	1.6	0.6	9.8	0.3	0.5	1.2	1.9	3.2	3.5	1.7	1.7	14.0
15	0.7	0.9	0.9	1.0	1.2	1.7	1.9	1.9	10.2	1.5	0.6	1.2	1.0	0.7	1.3	2.4	3.1	11.8
16	2.1	3.2	1.9	1.8	3.0	2.3	2.8	2.6	19.7	3.0	1.8	4.2	4.8	5.2	4.4	3.9	3.7	31.0
17	1.4	0.8	0.8	0.9	0.9	0.8	0.8	1.1	7.5	3.6	3.9	3.3	4.8	4.0	4.5	2.9	3.8	30.8
18	1.2	1.0	1.8	2.3	2.8	3.0	2.4	1.7	16.2	3.7	3.1	3.1	3.3	4.2	3.1	3.7	2.3	26.5
19	1.7	4.0	5.5	5.6	5.2	4.2	3.8	5.0	35.0	3.5	2.7	3.8	4.0	4.2	5.0	4.8	3.8	31.8
20	4.1	4.6	4.4	4.5	3.5	4.6	3.7	2.9	32.3	3.9	2.6	3.3	4.2	4.2	4.4	3.7	4.0	30.3
21	4.7	3.5	3.9	4.4	4.4	4.5	3.8	3.3	32.5	4.0	2.0	1.9	2.5	3.6	2.2	4.1	4.0	24.3
22	2.7	3.5	3.2	2.9	3.6	4.3	2.9	3.2	26.3	3.2	2.6	2.6	3.7	3.0	3.3	3.0	3.3	24.7
23	3.0	3.5	3.6	3.7	4.2	4.5	4.6	4.9	32.0	2.2	2.2	3.1	3.3	3.7	2.0	2.7	2.3	21.5
24	4.0	3.3	3.5	3.6	4.8	4.2	4.4	3.8	31.6	1.9	1.9	2.1	2.2	2.0	1.7	2.3	1.5	15.6
25	3.5	3.3	3.9	4.4	4.2	4.5	5.0	4.2	33.0	1.5	3.3	2.2	3.2	1.2	1.4	2.2	2.3	17.3
26	2.6	3.6	3.8	3.1	5.0	5.5	4.0	4.6	32.2	2.8	1.3	1.6	2.7	3.1	4.0	3.2	2.7	21.4
27	4.5	5.0	4.5	4.2	4.4	2.9	3.8	3.9	33.2	1.2	2.3	1.6	2.1	2.4	1.3	1.4	0.7	13.0
28	3.3	3.1	4.0	4.4	1.8	2.0	3.4	2.7	24.7	1.8	1.3	1.8	0.6	0.7	0.5	0.5	0.5	7.7
29	3.0	3.8	3.9	3.5	3.7	3.2	4.0	1.8	26.9	1.1	1.5	1.7	2.6	1.0	2.4	2.9	1.6	14.8
30	1.6	1.3	2.1	1.7	2.7	3.0	0.7	0.5	13.6	1.0	0.5	1.0	1.0	2.4	1.8	1.0	1.3	10.0
31										0.9	0.7	2.3	2.9	2.9	2.9	2.8	4.1	19.5

TABLE 5--MEAN K-INDICES FROM THIRTY OBSERVATORIES, 1944

Day	January 1944 Values K_W	Sum	February 1944 Values K_W	Sum
1	2.4 1.6 2.4 2.7 4.4 4.3 3.7 2.7	24.2	1.8 0.9 0.5 0.9 1.2 1.0 1.8 1.1	9.2
2	1.9 1.5 1.7 1.1 1.6 2.5 2.0 1.4	13.7	0.7 2.1 2.3 1.3 1.0 1.0 1.5 1.7	11.6
3	1.1 0.9 0.9 1.3 2.1 0.6 0.6 0.6	8.1	0.9 0.9 0.4 1.1 0.9 0.5 0.9 0.9	6.5
4	1.6 1.5 1.0 0.8 1.0 1.4 1.6 2.3	11.2	0.8 1.7 1.4 1.7 2.6 2.7 2.6 1.2	14.7
5	3.9 2.7 2.6 2.6 1.4 3.3 2.2 1.6	20.3	0.6 1.0 1.5 1.1 1.3 1.8 2.1 2.0	11.4
6	0.8 0.9 0.5 0.7 2.3 1.8 1.8 2.4	11.2	1.4 1.1 0.6 1.0 1.2 1.3 0.8 0.7	8.1
7	1.7 1.5 1.3 1.3 1.1 1.0 1.1 1.1	10.1	1.8 1.8 3.1 4.6 5.6 4.9 4.4 4.6	30.8
8	0.9 1.3 1.6 2.1 1.6 2.3 1.7 0.9	12.4	4.0 3.4 3.2 2.9 3.7 3.7 3.7 4.2	28.8
9	2.3 1.3 0.7 1.0 1.2 2.7 0.9 2.3	12.4	1.6 1.9 3.6 3.5 4.4 3.5 3.2 2.0	23.7
10	1.2 1.0 1.8 2.2 2.0 2.0 2.7 4.9	17.8	2.1 3.2 3.1 4.0 3.1 3.2 3.5 2.3	24.5
11	2.9 3.6 2.6 4.1 2.5 5.3 4.6 2.6	28.2	3.3 2.9 3.0 3.8 3.5 3.3 2.4 2.5	24.7
12	2.5 3.3 3.5 3.7 4.0 4.1 2.7 2.5	26.3	2.8 2.9 2.6 2.5 3.5 2.6 2.5 1.3	20.7
13	4.3 3.3 3.9 3.7 4.4 2.9 4.1 3.4	30.0	1.2 1.2 2.2 1.8 1.9 2.8 2.2 4.3	17.6
14	3.2 3.0 2.9 3.6 3.9 5.0 3.9 2.8	28.3	4.5 4.9 4.9 4.7 4.4 3.0 2.9 2.4	31.7
15	3.4 3.0 3.0 2.4 3.1 3.8 4.3 4.3	27.3	3.5 2.7 2.4 3.2 3.8 3.5 3.6 3.4	26.1
16	3.6 2.4 3.2 4.0 3.9 3.9 2.6 2.8	26.4	2.3 2.0 2.9 2.3 2.1 2.4 1.1 2.0	17.1
17	3.1 3.0 3.3 3.4 4.0 3.5 3.3 2.9	26.5	1.9 1.0 0.9 1.4 2.1 1.6 1.2 1.7	11.8
18	1.7 2.5 2.6 4.1 3.4 3.6 3.4 2.5	23.8	0.7 0.9 0.5 2.0 1.4 0.6 0.5 0.3	6.9
19	2.7 2.4 2.6 1.5 1.4 3.3 2.5 2.4	18.8	0.6 1.0 1.5 2.0 1.0 0.9 0.5 0.2	7.7
20	2.2 1.6 2.2 2.2 2.1 2.9 2.6 3.0	18.8	0.6 1.0 1.4 3.5 4.4 3.5 3.0 3.5	20.9
21	1.9 1.8 1.0 1.3 2.0 1.7 1.9 0.8	12.4	3.0 2.1 2.0 2.6 1.6 2.1 1.5 2.0	16.9
22	2.5 1.2 1.5 1.1 1.9 1.5 1.9 0.7	12.3	2.1 2.1 1.0 0.8 0.7 0.9 1.0 0.6	9.2
23	1.2 1.6 1.1 2.0 0.6 0.7 1.4 3.0	11.6	0.9 1.3 1.2 1.0 1.6 1.3 1.1 1.6	10.0
24	2.4 1.2 1.7 0.8 1.5 2.8 1.3 0.4	12.1	0.8 0.9 0.6 0.9 0.9 0.5 1.2 1.4	7.2
25	0.6 1.2 0.8 1.5 2.2 2.4 1.2 2.3	12.2	1.3 0.8 0.7 0.7 0.5 0.7 0.5 0.8	6.0
26	0.6 0.5 0.8 1.8 2.8 3.5 3.3 3.3	16.6	0.6 0.9 0.9 1.6 0.7 0.6 1.0 1.4	7.7
27	2.6 2.1 2.4 2.8 2.6 2.2 3.0 2.5	20.2	1.4 0.7 0.7 1.0 1.2 0.7 0.9 0.4	7.0
28	2.6 1.8 2.3 2.2 1.5 1.7 2.3 1.4	15.8	1.3 1.0 1.1 1.4 1.7 1.2 1.8 1.0	10.5
29	1.6 0.9 1.2 1.6 2.3 1.9 1.6 1.7	12.8	1.1 1.9 2.5 1.7 2.3 2.1 2.1 2.0	15.7
30	1.1 1.4 0.6 1.0 1.5 1.3 1.0 1.4	9.3		
31	1.2 0.7 0.8 0.8 1.3 2.6 2.7 2.1	12.2		

Day	March 1944 Values K_W	Sum	April 1944 Values K_W	Sum
1	1.7 2.0 2.2 1.0 0.8 1.1 1.5 2.3	12.6	2.3 0.9 1.1 1.7 2.0 2.1 3.5 3.9	17.5
2	2.5 2.4 1.2 1.8 2.6 1.8 3.2 1.3	16.8	3.9 4.3 6.6 6.6 5.2 3.6 4.4 3.4	38.0
3	1.6 1.7 1.5 1.1 0.6 0.5 0.7 0.9	8.6	4.2 4.2 3.2 2.1 2.2 1.7 2.9 3.0	23.5
4	2.2 2.3 4.0 4.8 4.2 3.1 2.3 2.5	25.4	2.5 2.9 3.8 4.7 3.6 3.1 2.6 2.8	26.0
5	1.7 1.2 1.2 2.0 2.3 3.1 2.9 2.7	17.1	2.6 3.6 3.1 3.9 3.1 3.7 3.9 3.7	27.6
6	2.8 3.4 2.7 3.7 3.4 2.9 3.9 3.0	25.8	2.8 2.4 4.4 4.4 3.1 3.5 3.1 2.7	26.4
7	3.6 3.6 3.4 3.4 4.5 4.5 2.4 3.2	28.6	3.7 2.2 3.1 2.7 1.9 2.4 4.2 4.0	24.2
8	2.5 3.0 2.5 3.1 3.9 3.4 4.1 2.6	25.1	3.0 1.7 1.4 2.5 4.5 2.1 2.8 2.4	20.4
9	3.7 3.6 2.5 4.4 3.9 3.6 3.1 3.6	28.4	1.2 1.6 1.4 1.0 1.1 2.2 3.3 3.6	15.4
10	3.3 3.7 4.3 4.5 4.6 4.3 3.7 3.7	32.1	2.6 4.1 4.3 3.9 3.2 2.7 1.7 2.5	25.0
11	2.0 2.9 2.4 3.7 2.0 1.6 3.4 1.8	19.8	3.0 1.6 2.2 2.0 1.8 3.3 2.7 3.1	19.7
12	2.7 3.1 2.9 3.2 3.6 4.5 3.5 3.7	27.2	3.6 2.2 2.0 1.6 1.6 0.9 1.4 0.6	13.9
13	3.5 2.9 2.5 2.9 3.9 3.3 1.8 0.9	21.7	0.4 0.6 0.6 0.4 0.4 0.5 0.3 0.5	3.7
14	2.4 3.1 3.1 3.5 2.5 1.8 2.6 1.3	20.3	0.4 0.4 0.7 1.4 0.8 0.9 0.4 0.4	5.4
15	1.0 1.9 1.5 1.0 1.3 0.7 2.0 2.0	11.4	1.3 0.4 0.5 1.2 3.0 2.2 3.2 3.9	15.7
16	2.1 2.7 1.5 2.3 2.4 2.1 0.5 0.3	13.9	4.5 3.5 4.0 4.1 4.2 4.5 2.9 2.4	30.1
17	0.5 0.4 0.8 0.8 0.6 0.6 1.0 1.0	5.7	2.9 2.4 1.1 1.8 1.9 1.8 1.4 2.2	15.5
18	0.3 0.7 2.2 1.3 1.6 2.2 4.0 4.8	17.1	3.1 0.8 1.5 1.0 0.8 0.8 0.8 1.7	10.5
19	5.5 4.1 2.1 3.6 3.2 1.9 3.2 4.0	27.6	1.8 0.5 0.8 0.9 1.1 1.5 1.1 0.8	8.5
20	3.0 1.2 2.4 2.6 1.8 1.0 1.9 1.6	15.5	1.2 1.6 1.3 1.5 0.9 1.4 1.2 0.6	9.7
21	1.8 2.1 0.9 0.9 1.1 1.6 2.1 2.8	13.3	0.5 0.9 1.2 1.4 2.7 1.7 1.0 0.7	10.1
22	2.7 3.2 2.3 3.0 3.4 2.6 1.9 1.6	20.7	0.7 0.4 0.5 0.6 0.4 0.8 0.2 0.7	4.3
23	1.3 2.2 2.2 1.9 1.4 2.0 2.9 2.9	16.8	0.2 0.3 0.9 0.4 1.1 0.7 0.5 0.3	4.4
24	1.0 0.5 0.9 1.4 1.5 1.6 0.6 0.5	8.0	2.7 3.4 3.3 2.7 2.7 2.0 1.9 2.2	20.9
25	0.6 1.0 1.3 2.5 2.4 2.7 3.4 3.0	16.9	3.0 1.9 1.4 1.0 1.2 1.6 2.6 2.3	15.0
26	3.2 4.0 4.5 4.4 5.4 2.5 2.2 4.6	30.8	2.1 2.4 2.4 1.4 1.4 2.7 2.8 2.2	17.4
27	6.5 5.8 4.8 4.7 3.3 2.9 3.0 2.5	33.5	2.0 2.5 2.0 2.7 2.4 2.8 2.8 2.7	19.9
28	1.5 1.4 1.6 2.8 2.2 2.7 2.4 3.6	18.2	2.7 2.6 2.6 2.3 2.3 2.7 3.0 1.6	19.8
29	4.0 4.1 4.0 3.6 2.6 2.7 2.7 2.0	25.7	1.4 2.6 3.0 2.5 3.6 2.4 1.9 1.6	19.0
30	3.6 2.1 3.0 1.7 2.6 2.8 1.9 3.9	21.6	2.1 3.6 4.7 4.2 2.0 2.5 1.7 3.1	23.9
31	2.6 2.3 2.9 2.5 2.6 0.3 1.2 1.9	16.3		

TABLE 5--MEAN K-INDICES FROM THIRTY OBSERVATORIES, 1944--continued

Day	May 1944 Values K_W								Sum	June 1944 Values K_W								Sum
1	3.1	2.9	3.0	3.7	5.3	5.1	3.8	3.9	30.8	2.2	1.3	1.7	1.7	1.5	2.1	2.0	0.7	13.2
2	2.9	4.3	4.0	4.4	4.5	3.0	2.0	2.0	27.1	1.1	1.4	1.6	2.4	1.7	1.2	1.8	1.2	12.4
3	2.1	2.1	2.1	2.1	3.4	2.1	1.1	1.3	16.3	0.9	1.0	1.5	0.8	1.1	0.6	1.2	1.3	8.4
4	1.2	1.0	1.0	3.1	3.2	3.2	4.6	4.3	21.6	1.1	1.0	1.5	1.2	1.3	1.4	3.0	3.1	13.6
5	3.7	2.3	2.3	3.2	3.9	2.9	2.8	1.7	22.8	2.2	1.6	2.1	2.0	2.2	2.7	2.1	1.7	16.6
6	3.5	2.1	2.6	3.9	3.5	3.2	3.1	2.0	23.9	1.6	1.5	1.4	1.0	1.4	1.8	1.8	0.8	11.3
7	1.8	2.6	3.9	2.8	2.6	3.2	2.9	2.8	22.6	0.4	0.7	1.3	1.4	1.6	1.8	1.1	0.9	9.2
8	3.2	3.0	3.0	2.6	1.5	0.9	1.1	1.4	16.7	0.5	1.0	0.7	0.8	1.2	1.3	1.1	0.8	7.4
9	0.7	1.1	1.3	1.2	1.0	1.0	2.3	1.5	10.1	1.5	1.8	1.8	1.4	2.0	2.2	1.3	1.6	13.6
10	2.1	1.0	0.6	0.7	1.0	0.7	1.2	1.8	9.1	2.1	1.2	1.0	1.2	1.6	1.3	1.1	1.3	10.8
11	1.5	1.8	1.4	0.9	1.4	1.4	1.2	1.6	11.2	1.4	1.1	1.5	1.3	1.6	2.8	2.2	1.7	13.6
12	1.8	0.9	1.1	1.9	1.3	1.8	1.8	2.0	12.6	1.5	1.5	0.9	1.0	0.9	1.1	0.7	0.4	8.0
13	0.6	0.9	0.9	0.8	0.9	0.7	0.7	1.1	6.6	0.4	1.2	1.1	1.7	2.3	1.8	2.1	2.0	12.6
14	0.7	1.6	1.7	1.1	0.7	0.7	0.9	1.3	8.7	2.2	1.6	0.9	2.0	3.2	1.3	1.5	3.4	16.1
15	2.5	2.1	2.3	1.0	0.9	0.9	0.6	0.5	10.8	3.7	3.4	3.5	2.4	2.8	3.2	2.6	3.0	24.6
16	0.2	0.9	1.1	0.7	1.5	0.8	1.0	1.0	7.2	2.8	1.8	2.8	3.0	2.9	2.0	2.3	2.3	19.9
17	1.3	1.1	0.9	1.0	1.4	0.7	0.9	1.5	8.8	2.0	1.8	2.1	1.4	1.8	2.3	1.2	2.5	15.1
18	1.0	0.9	0.8	1.2	1.0	0.6	0.9	1.1	7.5	1.9	2.4	2.1	1.8	1.8	1.6	1.0	1.1	13.7
19	1.2	0.8	1.5	1.0	1.5	1.3	1.3	1.2	9.8	1.4	1.7	1.6	2.0	1.4	1.3	1.0	2.4	12.8
20	0.6	0.5	0.5	0.6	0.6	0.8	0.7	0.5	4.8	2.3	2.6	2.9	2.5	1.7	1.5	2.1	3.2	18.8
21	0.9	0.7	0.8	1.1	0.5	1.0	0.7	1.4	7.1	2.9	3.9	3.6	3.4	2.5	2.5	2.2	2.3	23.3
22	0.8	0.6	1.2	1.3	1.3	1.6	1.5	1.4	9.7	2.8	4.0	3.2	3.7	2.3	4.2	2.2	2.9	25.3
23	1.1	2.1	1.5	1.8	2.0	1.9	1.8	2.0	14.2	1.9	1.8	4.1	2.5	2.2	3.3	2.0	2.3	20.1
24	2.9	2.5	3.8	2.8	1.7	1.8	2.3	2.5	20.3	2.2	2.2	1.8	1.5	2.0	1.6	1.0	0.8	13.1
25	1.2	2.2	2.2	1.5	2.1	1.3	2.6	1.8	14.9	1.1	1.4	1.4	0.8	1.1	2.1	2.2	1.3	11.4
26	3.0	2.3	2.1	2.1	1.7	1.8	1.6	1.3	15.9	2.1	2.3	2.2	2.6	3.6	3.8	3.8	3.4	23.8
27	2.0	3.2	2.7	3.0	2.5	1.7	1.4	1.0	17.5	2.7	2.6	2.1	3.2	1.8	2.2	1.9	2.3	18.8
28	1.1	1.1	2.2	1.9	1.9	1.8	1.6	2.5	14.1	1.3	1.8	1.6	2.4	1.7	1.4	1.3	2.2	13.7
29	3.4	2.6	2.9	3.7	3.1	3.6	2.7	4.4	26.4	2.8	4.0	2.5	1.9	1.8	2.1	1.0	1.1	17.2
30	3.3	2.5	3.1	3.1	3.4	1.8	1.3	1.4	19.9	1.9	1.7	2.7	2.7	2.7	1.5	0.6	1.5	15.3
31	1.3	2.2	2.6	1.8	1.9	3.7	2.4	2.5	18.4									

Day	July 1944 Values K_W								Sum	August 1944 Values K_W								Sum
1	2.2	1.2	0.8	1.3	2.0	1.9	1.7	1.3	12.4	1.7	2.2	2.3	2.7	3.1	1.2	1.2	0.7	15.1
2	1.7	2.0	1.7	1.8	1.8	1.3	1.6	1.8	13.7	1.4	2.3	1.8	2.2	3.3	3.3	3.5	4.1	21.9
3	1.0	1.4	2.1	2.5	2.3	1.9	1.8	2.2	15.2	5.6	5.3	4.6	4.5	3.7	1.7	2.5	2.6	30.5
4	2.2	1.7	0.7	0.7	0.6	1.0	2.4	1.0	10.3	2.5	1.2	1.5	1.6	2.3	1.5	1.4	1.2	13.2
5	2.1	1.5	1.5	1.3	1.4	2.0	1.3	0.9	12.0	1.2	1.1	0.9	1.8	1.7	1.8	1.8	2.8	13.1
6	1.2	1.5	1.5	1.4	1.0	1.2	1.6	2.4	11.8	2.3	2.4	2.7	2.5	1.9	2.1	1.6	1.3	16.8
7	3.3	2.7	1.6	1.7	1.9	1.8	1.4	1.3	15.7	2.0	1.5	0.9	1.7	2.1	1.6	1.2	1.4	12.4
8	0.7	1.4	1.4	1.9	1.6	1.0	1.6	1.7	11.3	1.0	1.3	1.1	2.2	1.7	2.8	2.7	1.9	14.7
9	2.5	3.2	3.4	3.1	2.4	2.3	1.7	1.7	20.3	2.2	1.8	1.4	1.3	1.3	2.0	1.7	1.5	13.2
10	2.2	1.7	1.0	1.2	1.9	2.2	2.7	1.4	14.3	2.0	2.3	3.4	3.1	2.7	2.4	1.8	1.6	19.3
11	1.8	2.1	1.4	1.1	1.1	0.9	1.2	1.0	10.6	3.2	2.7	2.2	1.1	1.8	1.4	2.0	3.0	17.4
12	1.2	1.6	0.9	1.4	1.1	1.9	1.1	1.6	10.8	3.8	3.5	2.4	2.1	2.4	1.9	1.2	2.2	19.5
13	2.1	1.5	1.9	1.4	1.4	1.3	1.6	1.4	12.6	2.6	1.1	2.2	1.5	1.3	1.0	1.7	0.8	12.2
14	1.3	0.8	1.9	3.0	1.4	2.0	1.8	1.9	14.1	1.0	0.5	0.8	1.2	2.0	1.6	2.7	2.2	12.0
15	2.3	2.4	3.1	2.6	2.8	1.5	2.1	1.6	18.4	1.9	2.4	2.1	2.2	1.9	1.4	1.6	1.3	14.8
16	1.1	1.7	1.9	1.6	2.7	2.0	2.7	1.9	15.6	2.8	1.3	1.0	1.9	2.2	2.2	1.3	2.3	15.0
17	1.5	3.2	2.9	2.1	1.9	1.7	1.9	1.3	16.5	2.6	2.0	1.2	1.0	1.0	0.9	1.1	1.1	10.9
18	1.6	1.5	0.9	1.0	1.1	1.4	2.4	2.4	12.3	2.4	2.2	5.0	4.1	2.9	2.6	2.9	1.8	23.9
19	2.4	1.8	1.9	2.5	3.1	1.9	1.4	2.0	17.0	2.8	2.8	2.7	1.7	1.6	1.4	1.0	1.3	15.3
20	2.2	2.4	3.5	3.9	2.8	1.3	1.5	1.7	19.3	2.2	1.4	1.5	1.3	1.9	0.9	0.9	0.9	11.0
21	1.7	2.0	2.4	2.7	3.0	2.0	2.1	2.3	18.2	1.5	1.1	0.9	1.2	0.9	1.0	1.5	0.9	9.0
22	1.7	1.6	2.6	1.8	1.6	2.1	2.3	1.7	15.4	1.3	1.6	1.0	2.1	1.6	0.9	0.6	2.0	11.1
23	1.3	1.1	2.1	2.0	1.3	1.5	1.0	0.8	11.1	3.3	2.4	2.9	2.6	2.9	2.0	2.0	2.0	20.1
24	0.6	0.6	1.2	0.5	0.8	0.8	1.0	1.1	6.6	2.2	2.8	3.1	3.0	3.7	2.9	1.4	1.3	20.4
25	0.9	1.2	1.1	0.8	1.2	0.7	0.6	0.6	7.1	0.6	1.3	0.8	0.8	1.1	1.5	1.0	0.7	7.8
26	1.0	1.3	1.1	1.9	1.3	1.0	1.0	0.9	9.5	0.7	0.9	0.7	0.6	1.3	2.0	1.9	2.3	10.4
27	0.6	0.3	0.7	0.7	1.4	2.1	1.8	1.5	9.1	2.1	2.0	2.1	0.5	1.1	1.2	2.7	1.9	13.6
28	0.9	0.7	0.4	0.8	1.0	1.5	1.6	2.4	9.3	1.8	2.5	4.6	3.9	3.8	2.9	2.8	2.7	25.0
29	1.7	1.1	1.0	2.0	1.6	1.5	1.7	1.9	12.5	1.2	0.7	1.1	1.5	1.8	1.8	1.3	1.3	10.7
30	1.4	1.7	1.6	1.9	1.9	1.4	1.1	1.8	12.8	2.6	2.3	2.2	2.1	2.3	1.7	2.4	1.8	17.4
31	2.0	2.1	1.9	2.4	2.0	1.1	1.6	2.0	15.1	2.9	3.1	3.5	3.5	1.6	3.4	2.4	2.5	22.9

TABLE 5--MEAN K-INDICES FROM THIRTY OBSERVATORIES, 1944--concluded

Day	September 1944								Sum	October 1944								Sum
	Values K_W									Values K_W								
1	3.6	2.0	1.9	2.6	2.9	1.6	1.3	2.3	18.2	3.5	2.0	2.0	4.0	3.6	3.6	3.0	3.7	25.4
2	3.8	4.0	4.1	3.8	3.2	2.9	3.0	3.0	27.8	1.7	0.5	0.6	2.0	2.3	2.0	1.9	2.4	13.4
3	2.7	1.4	2.7	2.6	1.7	1.6	1.2	1.0	14.9	2.5	3.0	3.2	2.5	2.6	3.0	3.3	2.9	23.0
4	2.0	1.4	0.8	1.5	1.4	1.6	2.9	2.9	14.5	2.8	1.0	0.7	1.5	0.9	2.1	2.2	1.1	12.3
5	3.1	1.9	1.3	1.7	1.7	1.5	0.8	1.1	13.1	2.0	1.6	1.2	1.1	1.2	1.4	0.9	0.7	10.1
6	1.2	0.8	0.7	2.3	1.4	2.1	1.9	2.0	12.4	1.7	2.0	1.6	1.3	1.4	2.8	3.6	3.1	17.5
7	1.3	2.7	2.6	2.4	1.1	1.2	1.0	0.6	12.9	2.0	1.8	0.9	0.9	2.2	1.5	2.3	1.3	12.9
8	0.9	1.2	1.8	2.3	2.4	2.3	2.7	2.8	16.4	1.1	0.6	0.4	0.4	0.7	0.8	1.0	1.4	6.4
9	2.2	1.7	0.9	1.3	1.1	0.8	1.8	1.5	11.3	1.8	1.0	1.8	1.5	0.6	0.4	0.6	0.5	8.2
10	1.5	1.6	2.3	1.7	1.5	2.2	2.4	2.5	15.7	0.4	0.6	1.2	1.5	1.2	1.2	2.3	3.0	11.4
11	1.9	1.6	2.0	1.6	1.9	1.2	1.6	2.8	14.6	4.7	4.5	2.4	1.9	3.6	4.9	3.0	2.7	27.7
12	2.0	2.2	2.4	2.9	2.7	1.3	1.4	1.7	16.6	1.9	2.1	1.5	2.1	1.9	2.3	2.6	2.5	16.9
13	1.5	0.5	0.5	1.5	1.5	2.3	2.1	2.7	12.6	2.3	0.7	1.1	1.0	2.8	3.0	2.2	2.8	15.9
14	2.6	2.8	1.9	1.7	2.6	2.8	1.9	1.1	17.4	2.1	1.4	2.3	3.3	2.9	3.9	3.5	5.0	24.4
15	1.5	2.0	1.4	1.8	1.0	0.5	0.5	0.8	9.5	4.8	4.6	2.4	3.4	2.4	2.5	3.0	4.6	27.7
16	0.9	1.5	1.6	0.6	1.4	2.0	0.8	0.9	9.7	2.2	1.4	2.9	2.1	2.3	2.4	2.2	1.9	17.4
17	0.9	0.9	0.7	1.4	1.7	2.1	1.2	1.2	10.1	2.2	1.7	2.4	2.7	2.2	0.8	1.4	3.0	16.4
18	3.0	2.7	2.3	1.5	1.9	1.0	1.9	1.0	15.3	2.9	2.2	2.2	2.7	2.2	1.8	1.5	0.9	16.4
19	0.9	0.8	0.9	1.0	1.4	0.7	0.9	0.4	7.0	1.6	1.2	1.3	2.5	0.4	0.5	0.8	0.4	8.7
20	0.5	0.8	1.0	1.1	1.9	2.2	2.7	4.2	14.4	0.4	0.6	0.5	1.0	0.9	1.8	2.1	2.8	10.1
21	4.6	3.3	2.9	3.1	2.2	1.9	2.2	2.2	22.4	1.6	0.8	1.7	1.6	1.0	1.5	1.8	1.8	11.8
22	2.3	1.4	0.9	1.6	1.7	2.0	2.6	3.5	16.0	1.4	1.3	1.9	1.4	1.8	1.9	1.4	1.0	12.1
23	2.5	2.2	1.9	2.1	1.3	1.8	3.1	4.0	18.9	1.5	1.8	2.1	1.2	1.4	4.2	3.9	3.7	19.8
24	4.5	2.6	3.9	4.1	3.9	1.9	2.6	3.2	26.7	3.4	2.5	3.3	2.9	2.8	2.5	3.1	2.9	23.4
25	2.5	2.5	1.9	2.0	2.3	1.6	2.8	2.4	18.0	2.2	1.4	1.2	1.0	1.6	1.0	2.9	2.5	13.8
26	3.6	1.8	2.3	2.3	2.4	2.5	1.6	2.3	18.8	3.3	3.2	3.2	2.8	0.9	1.3	2.2	1.9	18.8
27	1.0	2.4	3.1	2.5	2.4	3.1	3.2	2.6	20.3	1.9	1.3	0.9	1.1	2.0	2.6	1.5	1.1	12.4
28	1.3	2.0	2.1	1.9	1.3	1.6	2.0	1.1	13.3	1.4	2.2	2.2	2.2	2.2	1.6	2.1	1.7	15.6
29	1.0	2.2	2.2	2.2	1.7	1.3	2.1	1.9	14.6	1.3	1.0	0.6	0.7	1.2	1.6	2.0	2.0	10.4
30	1.1	1.2	1.8	2.1	4.4	4.9	4.7	4.3	24.5	1.9	1.9	2.1	1.4	0.5	0.6	0.8	1.0	10.2
31										2.2	2.6	3.1	2.7	2.4	2.7	2.8	2.2	20.7

Day	November 1944								Sum	December 1944								Sum
	Values K_W									Values K_W								
1	0.9	0.5	0.5	0.8	1.4	1.1	0.8	1.4	7.4	1.4	0.8	1.2	2.5	2.7	3.0	2.2	1.7	15.5
2	0.9	1.5	0.7	1.4	0.8	0.7	1.0	1.1	8.1	2.8	2.2	2.8	2.8	2.1	3.5	3.9	2.3	22.4
3	0.4	0.9	1.7	2.4	2.9	2.6	1.3	0.9	13.1	2.5	2.6	2.4	1.9	2.3	1.7	1.9	2.1	17.4
4	1.5	1.7	2.8	3.2	3.6	3.0	1.8	1.8	19.4	1.9	2.1	1.3	1.4	1.4	0.9	1.8	1.3	12.1
5	2.5	3.7	3.6	3.1	3.0	3.6	3.3	4.4	27.2	1.2	1.4	2.0	2.5	1.6	1.7	1.2	2.1	13.7
6	2.6	2.6	3.8	2.7	3.3	1.6	1.5	1.2	19.3	2.2	1.7	1.7	2.0	1.1	1.6	1.3	0.8	12.4
7	0.9	0.8	0.8	0.8	2.2	2.0	1.6	2.0	11.1	0.8	0.4	0.9	0.7	0.9	0.6	0.6	0.5	5.4
8	1.7	1.6	2.3	2.1	1.2	0.6	0.4	0.9	10.8	0.4	0.7	1.5	1.0	1.6	1.6	1.2	1.7	9.7
9	1.8	1.7	2.5	2.0	1.3	1.3	2.5	1.3	14.4	2.1	2.2	1.3	1.2	0.9	1.7	2.0	1.4	12.8
10	0.4	0.7	2.1	2.7	3.2	3.9	3.3	0.6	16.9	1.6	1.2	0.6	1.1	1.0	1.1	1.4	0.7	8.7
11	0.9	1.1	1.1	1.2	1.7	2.2	1.4	0.5	10.1	1.0	1.0	1.4	1.8	1.4	1.1	0.5	0.6	8.8
12	1.5	1.1	1.5	0.8	0.7	0.4	0.2	0.4	6.6	1.0	1.5	0.9	1.4	0.7	1.0	1.6	1.1	9.2
13	0.4	0.4	0.3	0.6	0.4	0.4	0.4	0.5	3.4	1.3	2.0	2.2	3.0	3.0	4.9	3.3	2.9	22.6
14	0.7	0.8	0.6	0.7	1.2	1.5	1.4	1.2	8.1	3.3	4.1	3.3	2.6	2.5	2.0	0.8	0.6	19.2
15	1.5	1.3	0.5	0.5	0.6	0.9	0.7	1.2	7.2	0.6	0.8	1.7	1.9	0.9	1.3	3.1	3.7	14.0
16	1.1	1.3	1.8	1.9	1.5	1.0	0.9	0.4	9.9	3.7	3.4	4.3	4.9	7.4	7.3	4.7	3.2	38.9
17	0.5	0.5	0.7	0.8	0.7	0.5	1.2	1.8	6.7	2.5	4.1	4.5	4.9	5.5	5.8	5.2	5.3	37.8
18	2.5	1.5	1.6	1.1	2.8	2.5	1.4	1.6	15.0	4.1	4.0	3.6	2.8	2.5	2.9	2.2	1.9	24.0
19	2.6	2.3	1.9	2.3	1.8	2.1	1.5	1.0	15.5	1.5	2.3	1.9	2.3	1.4	2.2	1.9	1.8	15.3
20	1.9	3.1	2.9	3.0	3.9	4.4	2.9	2.9	25.0	1.4	1.8	2.5	1.6	1.0	2.0	2.3	2.7	15.3
21	1.8	0.7	0.9	1.0	0.4	0.4	0.6	0.8	6.6	3.1	2.9	1.9	1.4	2.0	2.1	1.5	1.6	16.5
22	0.7	0.5	0.4	0.8	0.6	1.8	1.3	0.9	7.0	1.8	1.3	0.9	1.3	2.1	2.2	2.8	2.6	15.0
23	1.7	1.0	1.1	1.2	1.6	1.2	1.1	0.5	9.4	2.0	1.4	1.5	1.4	1.2	1.4	1.5	1.4	11.8
24	0.8	1.1	1.0	0.5	0.3	0.5	0.4	0.5	5.1	0.6	1.1	0.7	0.9	1.5	1.6	1.0	0.7	8.1
25	0.4	0.9	0.4	0.7	0.8	0.5	1.0	0.9	5.6	1.2	0.9	0.7	1.2	0.7	1.1	0.6	1.1	7.5
26	2.8	1.8	1.4	1.0	1.6	1.7	0.8	0.9	12.0	0.8	0.9	0.7	2.8	2.2	3.0	2.2	2.5	15.1
27	1.0	1.1	1.3	0.6	1.0	0.5	0.9	0.5	6.9	3.3	2.8	2.9	3.9	4.5	5.3	4.4	4.8	31.9
28	1.3	0.4	0.5	0.7	0.4	0.8	2.0	1.3	7.4	4.6	1.7	1.7	2.9	3.1	3.1	1.7	1.5	20.3
29	0.7	1.4	0.7	1.3	1.3	1.1	0.8	0.6	7.9	1.1	2.5	2.2	2.4	1.8	2.1	3.4	2.6	18.1
30	1.6	1.2	1.2	1.3	2.0	2.5	1.6	1.5	12.9	3.0	2.9	2.6	2.7	3.1	2.6	2.6	3.3	22.8
31										1.5	1.4	1.2	1.2	1.9	1.7	1.8	2.7	13.4

TABLE 5--MEAN K-INDICES FROM THIRTY OBSERVATORIES, 1945

Day	January 1945 Values K_W								Sum	February 1945 Values K_W								Sum
1	1.6	1.5	1.7	2.6	2.1	1.9	3.3	2.6	17.3	1.6	1.8	1.0	0.7	0.8	1.1	1.3	0.8	9.1
2	2.8	2.0	2.5	1.6	2.2	2.6	2.0	1.7	17.4	0.6	0.9	1.5	2.5	3.3	3.1	2.6	2.1	16.6
3	1.3	1.2	1.5	3.1	2.0	2.2	2.9	1.2	15.4	2.1	2.3	0.8	1.7	1.4	2.0	0.6	0.9	11.8
4	0.6	0.7	0.6	1.5	1.8	2.5	3.5	3.2	14.4	0.8	2.1	1.4	0.8	0.8	1.7	1.2	1.5	10.3
5	2.0	1.5	1.5	1.7	1.5	1.1	1.3	0.7	11.3	2.2	4.1	3.8	3.0	2.1	2.1	3.0	1.8	22.1
6	2.2	1.2	1.4	2.6	1.7	0.8	1.3	1.7	12.9	3.1	1.8	2.1	3.4	1.7	1.5	2.2	1.6	17.4
7	1.2	1.9	1.1	2.2	1.8	1.0	1.1	1.7	12.0	0.8	0.9	1.9	2.4	1.2	1.8	2.5	1.4	12.9
8	1.1	0.6	1.2	1.0	2.0	1.3	0.9	1.1	9.2	2.7	2.5	2.6	2.9	3.0	3.0	1.3	3.2	21.2
9	1.1	0.9	1.2	1.5	1.6	2.8	1.8	4.5	15.4	3.2	2.2	2.8	3.1	3.1	2.4	2.4	2.2	21.4
10	4.5	3.5	3.9	3.4	3.5	2.6	2.3	0.5	24.2	1.6	1.9	2.0	3.4	0.8	0.8	1.7	1.6	13.8
11	0.8	0.5	0.6	0.5	0.5	0.8	1.0	1.2	5.9	2.2	2.7	2.4	2.0	1.4	2.9	1.4	0.9	15.9
12	0.8	0.7	1.3	0.6	2.1	1.8	2.3	1.8	11.4	1.4	2.5	2.4	0.7	0.9	1.5	0.8	1.4	11.6
13	2.7	2.8	2.2	1.6	0.8	0.9	0.4	0.4	11.8	0.7	0.7	0.8	1.6	1.7	0.8	0.4	0.5	7.2
14	1.0	1.0	1.0	1.2	1.4	1.2	1.1	1.6	9.5	0.4	0.7	0.7	1.3	1.4	1.8	2.4	3.0	11.7
15	2.4	3.6	3.6	3.8	4.4	5.3	5.2	2.7	31.0	3.5	3.0	2.6	4.1	4.1	2.5	3.7	3.2	26.7
16	3.3	2.5	2.5	2.7	1.5	1.7	2.0	2.9	19.1	3.6	2.3	2.5	2.9	3.5	3.1	4.0	2.7	24.6
17	2.9	2.9	1.8	3.4	2.6	2.5	3.5	1.5	21.1	1.5	1.5	1.8	2.1	2.0	2.8	3.5	2.4	17.6
18	0.8	0.6	0.7	0.8	1.1	1.6	2.3	2.6	10.5	2.2	1.5	1.5	0.9	2.2	1.7	0.9	2.0	12.9
19	2.2	2.3	1.5	1.7	1.8	2.9	3.1	1.7	17.2	1.9	1.3	1.1	1.3	1.6	1.0	0.9	1.5	10.6
20	1.7	2.3	2.2	2.5	2.9	1.7	1.3	1.3	15.9	1.1	0.6	1.0	1.0	1.5	2.2	0.7	1.2	9.3
21	1.8	1.9	1.3	1.0	1.5	1.3	1.2	1.9	11.9	1.0	0.9	0.9	0.5	0.5	0.6	1.0	0.8	6.2
22	1.2	0.7	0.8	0.8	1.1	1.3	1.0	1.5	8.4	0.9	0.8	1.5	2.3	2.5	1.7	1.7	2.2	13.6
23	0.9	1.3	0.9	0.8	1.0	0.5	1.2	1.0	7.6	1.1	0.8	0.6	2.8	2.8	2.2	1.7	1.9	13.9
24	0.4	0.4	0.7	0.7	0.6	0.4	0.7	0.5	4.4	1.4	1.9	1.4	1.6	1.4	1.7	2.7	2.2	14.3
25	0.5	0.6	0.7	0.6	0.5	0.7	0.7	0.5	4.8	3.6	2.7	2.0	2.4	1.6	1.5	3.4	2.1	19.3
26	0.6	0.8	1.3	2.3	2.6	3.1	2.8	1.9	15.4	1.2	2.3	1.4	1.4	2.2	4.7	4.7	3.6	21.5
27	1.8	1.2	1.1	1.5	2.3	1.3	1.7	1.2	12.1	2.6	2.1	2.9	1.9	3.3	2.8	4.3	2.5	22.4
28	2.3	1.2	0.8	1.0	1.7	2.6	4.1	4.4	18.1	2.2	2.3	1.0	0.9	1.5	2.2	2.6	0.9	13.6
29	4.9	5.3	3.8	3.0	3.2	4.5	4.6	3.6	32.9									
30	3.0	3.7	2.5	2.5	2.7	2.7	1.3	1.3	19.7									
31	0.8	1.2	0.8	1.1	1.0	1.0	0.7	1.5	8.1									

Day	March 1945 Values K_W								Sum	April 1945 Values K_W								Sum
1	1.6	1.5	1.3	2.5	1.6	1.5	0.9	0.8	11.7	1.9	3.6	5.3	5.4	5.0	4.4	3.5	3.1	32.2
2	0.8	0.7	0.8	1.4	1.9	3.0	1.4	1.2	11.2	3.9	3.0	2.5	1.6	2.4	2.7	2.2	1.0	19.3
3	2.9	2.5	2.9	3.0	2.2	2.3	2.0	0.6	18.4	1.5	2.2	1.6	0.7	1.1	0.6	0.7	0.6	9.0
4	1.3	1.0	1.1	1.6	1.6	1.2	1.5	2.0	11.3	0.8	0.9	1.0	0.8	3.5	2.8	1.2	0.9	11.9
5	2.0	1.7	1.4	1.7	2.8	4.3	4.7	4.1	22.7	0.6	0.6	0.9	3.0	1.9	3.0	4.7	3.7	18.4
6	2.4	1.5	2.6	2.5	3.0	3.7	3.4	2.7	21.8	2.2	2.2	3.8	4.2	3.2	4.2	2.7	3.0	25.5
7	2.1	1.9	2.7	3.1	1.8	2.6	1.8	1.4	17.4	3.3	3.2	3.8	1.7	1.9	1.6	1.7	4.1	21.3
8	2.4	3.6	3.0	4.3	4.0	4.1	1.0	0.8	23.2	3.5	2.7	3.1	3.3	2.9	2.5	1.0	1.3	20.3
9	0.8	1.1	0.9	1.6	1.0	2.0	2.4	2.8	12.6	1.4	1.6	1.1	0.4	0.6	1.0	0.7	0.3	7.1
10	1.8	1.0	1.3	1.2	1.3	1.1	0.9	2.7	11.3	1.1	1.1	0.6	1.1	2.6	1.1	0.6	1.4	9.6
11	4.4	3.7	3.3	4.4	4.5	4.6	3.8	1.8	30.5	1.0	1.5	3.7	4.9	5.5	3.8	2.6	3.9	26.9
12	2.7	2.9	2.9	5.0	5.1	5.0	5.2	5.2	34.0	4.0	3.8	3.3	3.0	2.3	3.5	4.0	3.8	27.7
13	3.1	1.5	2.2	3.0	2.9	1.3	1.0	1.0	16.0	3.0	2.7	3.0	2.9	2.3	1.7	2.4	2.7	20.7
14	0.9	2.1	2.1	2.3	2.2	2.5	2.8	3.3	18.2	3.9	3.3	2.4	2.9	3.0	3.4	3.2	3.2	25.3
15	5.6	4.0	4.4	3.2	4.1	5.5	4.2	5.0	36.0	2.7	2.9	3.2	3.5	2.8	1.9	1.5	1.7	20.2
16	3.9	2.8	2.6	3.6	3.5	4.1	3.0	3.4	26.9	1.5	1.0	2.1	1.2	1.4	1.7	1.7	1.5	12.1
17	2.8	1.8	1.9	1.5	1.3	2.0	2.2	2.8	16.3	1.6	1.4	1.0	1.1	0.8	1.2	0.9	0.7	8.7
18	1.9	2.1	1.8	2.2	2.7	2.4	2.4	2.5	18.0	1.0	1.4	1.8	1.6	0.9	0.5	0.7	1.6	9.5
19	2.1	1.5	0.8	1.2	1.8	1.3	1.1	1.4	11.2	2.2	1.9	2.5	2.6	3.1	1.7	2.6	2.7	19.3
20	2.5	1.1	1.7	1.8	1.6	1.5	5.0	4.6	19.8	3.0	2.7	3.2	3.5	3.5	2.4	2.0	0.7	21.0
21	2.0	1.7	1.7	2.2	1.6	2.1	3.6	1.2	16.1	1.3	0.5	0.7	0.8	1.5	1.0	1.0	2.3	9.1
22	1.2	1.6	1.1	1.1	0.5	0.4	0.5	0.5	6.9	1.9	0.8	1.0	1.5	1.4	2.2	3.5	2.7	15.0
23	0.9	1.2	1.0	1.6	1.1	0.8	1.0	0.7	8.3	1.7	1.6	2.1	2.9	2.9	3.6	2.4	2.8	20.0
24	0.7	1.2	1.9	2.9	2.2	2.8	2.5	2.3	16.5	3.3	2.9	3.5	2.8	2.0	2.5	3.3	2.3	22.6
25	2.1	1.1	0.7	1.4	2.4	3.3	2.1	3.5	16.6	2.5	2.2	2.3	2.3	1.7	1.5	0.9	1.2	14.6
26	4.5	3.9	4.8	4.9	4.7	4.9	4.4	4.4	36.5	0.4	0.6	0.7	0.9	1.8	1.5	0.7	0.6	7.2
27	3.1	2.5	2.3	3.5	3.5	3.3	4.1	3.7	26.0	1.5	1.6	0.4	0.5	0.5	0.6	0.9	1.0	7.0
28	3.2	3.1	4.8	6.2	5.9	3.1	2.6	2.2	31.1	0.6	0.7	0.5	0.8	1.2	1.3	0.6	1.4	7.1
29	1.3	2.5	3.5	3.3	3.2	2.5	1.6	2.6	20.5	0.9	1.0	0.7	1.6	2.2	2.2	2.1	1.6	12.3
30	0.8	2.0	1.5	1.0	1.5	1.6	0.8	0.6	9.8	1.3	1.7	2.7	3.7	1.7	3.1	2.8	2.1	19.1
31	1.0	0.6	0.6	0.4	0.7	1.2	1.2	2.1	7.8									

TABLE 5--MEAN K-INDICES FROM THIRTY OBSERVATORIES, 1945--continued

Day	May 1945 Values K_W								Sum	June 1945 Values K_W								Sum
1	3.4	2.7	2.0	2.5	2.4	1.5	2.5	1.4	18.4	0.9	1.3	1.0	1.0	1.1	1.1	1.4	0.6	8.4
2	3.4	3.5	3.0	2.6	2.8	2.1	1.5	1.5	20.4	0.4	0.6	0.8	0.9	0.9	1.1	1.4	1.4	7.5
3	3.3	2.1	2.1	2.5	2.0	2.7	2.6	2.9	20.2	1.5	1.7	1.6	0.9	1.5	0.6	0.7	0.5	9.0
4	1.6	2.1	2.4	1.4	0.8	1.1	1.9	2.4	13.7	0.4	0.7	0.5	0.8	2.1	0.7	1.2	1.4	7.8
5	1.4	1.5	2.1	1.3	2.0	2.0	1.0	1.4	12.7	0.9	1.4	1.4	1.5	1.3	1.5	1.7	2.1	11.8
6	0.6	1.1	1.1	1.5	2.3	2.6	2.1	1.5	12.8	1.8	2.8	4.2	4.6	3.9	3.3	2.7	2.9	26.2
7	0.6	0.9	0.5	0.7	1.4	1.1	1.6	2.4	9.2	2.9	3.1	3.2	2.4	2.7	2.5	3.4	2.6	22.8
8	1.5	1.9	2.0	1.6	1.6	1.1	1.4	1.2	12.3	3.4	3.5	3.7	2.5	3.0	3.1	2.4	2.8	24.4
9	1.0	1.5	2.5	1.5	2.8	3.4	3.4	3.1	19.2	2.2	2.3	2.9	2.7	1.9	2.7	2.8	2.6	20.1
10	1.5	1.8	1.9	2.2	2.3	2.6	2.7	3.5	18.5	2.7	3.2	2.8	2.9	2.4	2.7	2.3	2.1	21.1
11	2.4	4.0	3.6	3.7	3.2	3.6	3.4	2.4	26.3	2.8	2.6	2.1	2.0	2.4	1.7	2.6	1.5	17.7
12	3.3	2.8	2.3	2.2	1.6	2.2	3.4	3.1	20.9	0.9	1.5	2.0	1.2	1.6	1.3	1.2	1.2	10.9
13	1.9	1.9	2.0	1.6	2.1	2.7	2.4	2.5	17.1	1.0	1.8	1.8	1.9	2.1	2.2	1.1	1.4	13.3
14	1.6	1.2	1.3	1.9	2.9	3.3	1.4	2.2	15.8	1.7	1.7	1.0	1.0	0.7	1.4	1.8	1.2	10.5
15	1.5	1.3	1.2	0.8	0.7	0.8	1.1	1.6	9.0	1.6	1.3	1.3	1.2	1.4	0.7	0.8	0.8	9.1
16	2.3	2.3	1.6	1.3	1.5	1.8	1.7	3.0	15.5	1.0	0.7	1.0	1.3	1.4	2.1	1.6	1.6	10.7
17	2.1	2.0	2.1	1.7	2.2	2.1	2.2	1.9	16.3	1.7	1.9	2.2	2.2	2.5	2.7	1.3	1.0	15.5
18	1.6	1.6	2.1	1.9	2.8	3.4	2.9	3.2	19.5	1.1	1.8	1.7	0.8	1.5	1.7	2.1	1.6	12.3
19	2.2	1.9	1.6	2.0	2.8	2.7	2.3	2.6	18.1	1.0	1.5	1.3	1.0	1.5	1.4	1.9	2.0	11.6
20	2.0	3.0	3.0	2.4	1.4	2.6	1.3	1.0	16.7	2.2	1.9	1.7	2.2	1.9	1.5	1.5	1.2	14.1
21	1.4	1.7	1.8	2.1	2.8	3.1	1.9	1.7	16.5	1.3	1.9	1.0	0.9	1.1	1.6	0.6	0.9	9.3
22	1.3	1.2	1.5	2.4	1.9	1.6	1.4	1.4	12.7	0.8	0.5	0.7	0.6	1.1	1.2	0.9	0.7	6.5
23	2.1	2.8	3.3	2.9	1.6	1.7	1.8	1.2	17.4	0.8	1.5	2.4	2.2	1.6	1.5	0.9	0.6	11.5
24	2.7	3.2	2.7	2.1	2.0	2.2	2.3	1.0	18.2	1.0	1.4	1.4	0.9	1.4	0.6	1.1	1.7	9.5
25	2.3	3.7	2.8	2.3	2.3	2.5	3.3	2.5	21.7	2.7	2.5	1.4	1.6	0.8	0.8	1.6	1.5	12.9
26	2.0	1.2	1.8	1.6	1.6	2.2	2.7	2.1	15.2	1.7	1.1	0.7	0.7	1.2	0.7	1.3	1.9	9.3
27	1.9	1.1	1.0	1.4	2.3	2.6	3.1	2.0	15.4	2.2	2.9	3.3	3.5	2.5	2.0	1.6	1.4	19.4
28	0.8	1.1	1.2	2.3	1.8	2.4	2.0	1.7	13.3	1.8	1.4	2.1	2.1	1.8	1.8	0.9	1.2	13.1
29	3.1	2.3	1.9	1.8	1.1	2.1	2.2	2.2	16.7	0.9	1.3	1.0	1.1	1.5	0.6	0.5	0.5	7.4
30	2.1	2.2	2.3	2.2	2.5	3.5	2.8	3.8	21.4	0.8	2.5	2.2	2.2	3.2	3.9	2.1	3.2	20.1
31	2.5	2.2	2.9	3.2	2.5	2.5	1.7	1.2	18.7									

Day	July 1945 Values K_W								Sum	August 1945 Values K_W								Sum
1	4.5	3.7	4.3	4.1	4.2	3.9	3.4	2.6	30.7	0.6	1.1	1.1	1.5	1.6	1.4	2.7	2.6	12.6
2	4.1	2.4	1.6	2.2	2.5	2.1	1.5	2.1	18.5	4.1	4.2	2.0	2.7	2.8	2.4	2.3	2.2	22.7
3	2.7	2.7	2.1	2.0	1.8	1.3	1.4	1.6	15.6	2.3	2.0	1.8	1.3	1.9	1.7	1.5	1.6	14.1
4	1.4	2.2	3.5	4.0	3.7	3.4	2.2	2.9	23.3	1.6	1.4	1.5	1.7	1.0	1.0	0.7	1.9	10.8
5	3.1	3.1	3.2	3.8	2.2	1.6	2.0	3.1	22.1	1.3	2.1	2.3	2.7	2.8	2.9	2.2	0.8	17.1
6	3.0	3.9	4.7	4.3	2.9	3.3	2.1	2.0	26.2	2.4	3.2	2.3	2.2	2.1	2.0	1.6	1.7	17.5
7	1.8	2.2	1.7	1.6	2.7	1.9	2.5	3.2	17.6	1.3	1.3	2.0	2.4	1.8	1.8	1.9	2.3	14.8
8	2.8	3.6	2.8	2.6	2.5	2.3	2.3	2.5	21.4	2.0	1.1	0.9	1.4	1.7	2.8	1.8	1.8	13.5
9	2.5	1.6	1.9	1.5	2.1	1.9	1.4	1.6	14.5	1.6	1.0	1.1	0.9	1.4	1.2	0.9	0.9	9.0
10	1.2	1.3	0.8	1.1	1.4	1.7	1.7	1.1	10.3	0.7	0.8	1.0	0.8	1.0	1.0	0.8	1.3	7.4
11	1.0	1.3	1.6	1.1	1.1	1.5	1.3	1.6	10.5	1.8	1.0	1.0	1.2	1.3	1.7	1.7	2.4	12.1
12	1.6	2.2	1.8	1.5	1.4	1.3	1.1	1.2	12.1	2.0	1.6	2.1	1.9	1.6	1.6	1.4	1.4	13.6
13	1.4	1.5	1.6	1.7	1.5	0.9	0.7	1.2	10.5	1.8	2.0	3.2	3.3	3.3	2.5	1.2	2.6	19.9
14	1.1	2.1	1.1	2.0	1.7	1.1	0.8	0.8	10.7	2.5	3.1	3.0	3.2	2.9	2.8	3.4	1.6	22.5
15	0.8	1.0	0.8	1.1	1.2	1.4	1.0	0.9	8.2	2.2	1.7	2.2	3.0	2.0	2.1	2.2	3.0	18.4
16	1.5	1.4	1.0	1.8	2.7	2.6	2.7	2.9	16.6	3.1	1.7	1.7	1.3	1.8	1.7	1.4	1.3	14.0
17	1.7	1.6	2.9	2.6	1.8	3.8	3.9	2.8	21.1	1.0	1.3	1.5	2.1	1.9	2.1	2.0	0.9	12.8
18	2.4	2.5	2.4	2.7	2.3	1.4	1.4	1.7	16.8	0.6	0.7	1.0	1.1	1.1	1.0	1.2	0.6	7.3
19	2.9	2.7	1.8	2.4	1.3	0.9	1.2	2.2	15.4	0.9	1.1	1.5	1.1	0.6	0.7	1.0	0.9	7.8
20	0.9	0.8	0.9	0.9	1.5	1.0	0.7	1.2	7.9	0.9	0.8	0.8	0.8	0.9	0.7	0.5	0.7	6.1
21	1.2	1.4	1.0	1.2	1.5	1.7	0.7	0.9	9.6	1.0	1.3	1.2	2.9	3.1	2.3	1.7	0.9	14.4
22	1.4	1.0	0.9	1.2	1.3	1.4	1.6	0.8	9.6	0.5	0.9	1.8	1.2	1.7	3.9	3.6	2.9	16.5
23	1.0	1.4	0.9	0.7	2.2	2.7	2.9	4.8	16.6	4.1	3.3	2.1	2.3	2.1	1.8	0.8	1.1	17.6
24	3.4	2.1	2.2	2.2	2.1	1.6	1.9	0.9	16.4	0.9	1.8	1.3	0.7	0.6	1.1	0.8	0.4	7.6
25	1.8	1.5	1.1	1.7	1.0	1.0	1.3	1.7	11.1	0.4	1.2	2.2	1.3	1.0	1.1	0.8	0.5	8.5
26	0.9	1.5	1.5	1.9	1.8	1.8	1.6	1.1	12.1	0.7	1.1	1.4	1.2	1.6	1.3	0.9	1.0	9.2
27	0.8	0.7	0.6	0.8	0.9	1.2	0.6	0.4	6.0	1.3	1.5	1.4	1.5	1.4	2.3	2.6	2.5	14.5
28	1.8	2.2	3.3	3.5	3.6	2.1	2.1	2.7	21.3	5.5	5.3	2.6	2.2	2.7	2.9	3.6	2.1	26.9
29	3.0	1.4	1.5	1.8	2.0	2.4	1.8	3.1	17.0	2.1	2.0	2.8	2.5	1.8	1.3	1.0	1.4	14.9
30	3.6	4.0	2.5	2.1	3.2	2.3	1.8	2.5	22.0	0.7	0.8	0.8	1.1	1.0	1.6	1.5	1.1	8.6
31	2.8	1.7	1.0	0.8	0.7	0.5	0.3	0.9	8.7	1.1	1.4	1.1	0.8	0.8	0.8	1.8	1.8	9.6

TABLE 5--MEAN K-INDICES FROM THIRTY OBSERVATORIES, 1945--concluded

Day	September 1945 Values K_W	Sum	October 1945 Values K_W	Sum
1	1.1 0.7 0.8 1.3 1.5 1.5 2.4 2.1	11.4	2.3 1.5 1.0 1.4 1.0 1.7 2.9 2.1	13.9
2	2.4 2.0 2.5 2.2 1.8 1.3 1.2 1.6	15.0	0.5 1.3 1.9 2.1 2.7 1.8 0.6 0.5	11.4
3	1.4 0.9 1.0 1.5 1.7 1.2 1.0 1.6	10.3	1.1 0.6 0.9 0.8 1.5 1.5 0.5 0.4	7.3
4	2.9 2.5 4.1 3.9 3.4 2.4 3.0 2.1	24.3	0.7 0.7 0.5 0.5 0.5 0.7 1.2 1.4	6.2
5	2.2 1.8 2.0 2.0 1.9 2.9 1.9 1.5	16.2	1.7 1.7 1.9 2.3 2.3 2.9 2.7 2.6	18.1
6	2.1 1.8 1.3 2.2 2.1 1.0 1.4 2.0	13.9	1.4 0.6 0.7 1.1 1.3 1.5 1.9 1.9	10.4
7	1.4 1.3 2.1 1.6 2.0 1.3 1.0 1.5	12.2	1.5 0.6 1.2 0.8 1.5 0.8 3.2 4.1	13.7
8	1.1 0.9 0.9 1.1 0.9 1.0 2.4 2.9	11.2	2.5 1.5 2.3 2.8 2.8 1.1 1.4 1.1	15.5
9	2.2 1.3 1.7 1.2 2.0 1.6 0.8 1.9	12.7	1.5 2.3 2.5 1.8 1.3 1.5 0.6 0.5	12.0
10	1.0 0.5 1.0 1.5 1.2 1.3 1.8 1.0	9.3	0.5 0.5 0.6 1.1 1.3 0.8 0.5 0.4	5.7
11	1.5 1.1 1.5 1.6 1.7 2.6 3.6 3.7	17.3	0.4 0.3 0.6 0.7 0.7 0.5 0.6 1.2	5.0
12	4.0 3.1 2.5 2.5 3.2 1.7 1.9 0.9	19.8	0.9 1.0 2.6 4.7 4.9 4.5 3.9 3.4	25.9
13	1.3 1.4 2.0 2.1 2.7 2.2 3.2 1.6	16.5	2.7 2.2 3.6 2.6 1.7 1.5 1.5 2.3	18.1
14	1.9 1.2 0.7 0.7 1.1 0.8 1.2 0.7	8.3	1.6 1.0 2.1 1.4 2.2 2.8 2.7 2.7	16.5
15	1.1 1.0 1.4 1.8 1.0 0.7 1.2 1.0	9.2	1.4 1.5 1.6 2.6 2.4 2.3 1.6 1.7	15.1
16	1.1 1.2 1.3 1.8 1.6 2.2 1.8 2.7	13.7	1.1 2.4 2.7 2.5 4.1 3.3 2.8 1.0	19.9
17	4.0 4.0 3.5 4.8 4.2 4.1 3.7 3.7	32.0	0.7 0.9 2.2 3.0 1.6 2.8 2.9 1.7	15.8
18	3.6 3.5 3.8 4.1 4.0 5.5 4.1 4.0	32.6	1.8 1.7 2.2 2.5 2.3 1.6 1.9 1.3	15.3
19	4.4 1.6 2.2 2.8 1.4 1.6 2.3 1.7	18.0	1.6 0.8 1.3 2.1 2.4 2.1 3.0 3.6	16.9
20	1.9 2.3 2.1 3.3 1.6 1.8 1.6 0.5	15.1	3.1 2.1 1.1 1.1 1.8 1.3 2.7 2.7	15.9
21	0.8 0.8 1.0 1.7 2.8 2.7 2.2 2.6	14.6	1.0 0.5 0.8 1.3 1.2 1.8 1.7 2.5	10.8
22	1.9 2.0 1.0 1.2 1.5 1.5 1.1 0.8	11.0	0.9 0.4 0.8 1.8 2.8 2.9 2.2 2.3	14.1
23	1.1 0.9 0.9 0.7 0.7 0.5 0.6 0.4	5.8	1.4 0.8 1.0 1.5 1.3 1.6 1.2 2.3	11.1
24	0.6 0.6 0.7 0.8 0.7 1.2 1.3 0.9	6.8	3.1 3.2 3.6 5.1 5.3 4.9 5.1 4.2	34.5
25	0.7 1.9 1.9 2.7 2.3 1.8 2.0 2.2	15.5	4.8 4.3 3.1 4.4 4.4 4.0 3.0 1.8	29.8
26	1.6 1.0 1.1 1.5 1.7 2.4 2.1 1.5	12.9	1.9 0.9 0.8 0.7 1.0 0.9 0.6 1.1	7.9
27	1.5 2.5 1.5 3.8 3.3 1.6 1.9 1.5	17.6	0.7 1.0 1.4 1.3 2.2 2.5 2.9 4.7	16.7
28	1.7 2.2 1.5 1.9 1.4 1.2 1.8 0.9	12.6	4.9 4.0 1.9 2.8 2.9 3.7 4.2 3.4	27.8
29	1.0 1.4 1.6 0.9 0.7 2.4 2.1 1.5	11.6	2.4 1.8 1.3 1.9 2.2 2.5 2.2 2.9	17.2
30	2.7 2.1 3.5 3.0 2.8 2.2 3.1 2.5	21.9	1.4 0.8 1.0 1.7 3.3 1.9 1.4 1.3	12.8
31			1.4 1.2 0.8 1.1 1.2 1.0 1.5 1.8	10.0

Day	November 1945 Values K_W	Sum	December 1945 Values K_W	Sum
1	1.1 0.7 1.0 0.8 0.8 0.7 0.7 1.1	6.9	0.7 1.0 0.6 0.7 0.6 0.9 0.7 0.6	5.8
2	1.0 0.6 0.8 0.7 0.8 0.9 1.4 0.6	6.8	0.5 1.3 0.8 0.7 1.1 1.1 0.7 2.4	8.6
3	0.6 1.1 1.1 1.2 1.0 0.8 0.6 1.6	8.0	1.3 0.5 0.7 0.6 1.0 0.6 0.7 0.8	6.2
4	1.2 0.7 0.8 0.8 2.8 1.8 0.4 2.8	11.3	0.9 0.6 0.4 0.4 0.5 0.5 0.5 0.3	4.1
5	3.4 2.4 1.1 2.5 2.2 1.5 0.8 0.8	14.7	0.7 1.0 1.0 1.0 0.7 1.6 2.9 2.6	11.5
6	0.4 0.7 1.2 1.0 0.9 0.9 0.7 0.4	6.2	2.1 1.8 1.9 2.0 3.4 2.4 2.9 2.7	19.2
7	0.5 0.7 0.9 0.7 0.7 1.3 1.4 1.2	7.4	2.6 1.8 2.4 1.8 0.9 0.8 1.4 2.9	14.6
8	0.5 0.7 0.8 1.2 2.1 3.9 3.7 2.8	15.7	2.9 3.2 2.5 2.6 3.2 2.2 1.8 1.7	20.1
9	3.4 3.4 5.0 4.8 3.6 4.0 3.7 2.9	30.8	2.6 1.6 2.6 2.3 2.5 3.0 1.6 1.8	18.0
10	3.3 3.0 2.9 1.9 2.0 1.1 0.9 1.9	17.0	1.4 1.9 1.6 2.1 1.5 1.3 0.8 0.7	11.3
11	2.0 2.8 3.3 2.7 3.5 2.5 3.0 1.3	21.1	1.2 0.8 1.5 1.4 1.4 0.8 0.8 0.4	8.3
12	3.0 3.4 2.9 3.4 1.6 1.9 3.8 2.0	22.0	0.4 0.7 0.7 1.0 2.0 0.9 1.4 1.2	8.3
13	1.7 2.4 2.8 1.8 2.2 2.3 2.1 2.3	17.6	0.7 0.6 0.6 1.0 3.5 3.5 4.3 4.5	18.7
14	1.7 1.2 1.9 2.0 1.6 1.9 2.2 1.1	13.6	4.9 5.1 4.9 5.8 5.7 4.2 1.8 1.3	33.7
15	1.2 1.3 2.7 2.3 2.1 2.8 2.7 1.8	16.9	0.9 1.5 2.2 1.6 2.4 2.0 1.7 3.0	15.3
16	1.7 1.5 2.0 2.7 3.0 2.8 2.8 3.6	20.1	1.7 1.0 0.7 0.7 0.3 0.5 2.7 2.0	9.6
17	2.6 1.7 2.3 3.0 3.2 1.0 0.8 0.4	15.0	3.8 2.9 2.5 3.0 3.2 3.0 1.5 1.7	21.6
18	0.7 1.2 0.9 1.3 1.4 0.7 1.1 0.6	7.9	1.5 0.8 1.2 1.1 2.0 1.4 1.5 1.3	10.8
19	0.9 0.7 0.8 0.7 1.4 1.0 1.2 0.7	7.4	1.3 1.1 1.6 1.5 1.0 2.1 3.7 5.2	17.5
20	0.7 1.3 0.9 1.0 0.9 0.6 0.6 0.9	6.9	4.0 3.2 3.7 2.7 2.4 3.0 3.7 3.4	26.1
21	0.7 0.7 0.8 0.9 1.1 1.2 1.7 2.1	9.2	4.0 4.3 2.8 2.9 2.2 1.1 1.3 1.1	19.7
22	2.2 1.9 0.8 0.5 0.6 0.7 0.7 1.0	8.4	1.1 0.9 0.7 0.4 0.5 0.7 0.7 1.1	6.1
23	0.9 1.0 0.9 0.8 1.1 1.8 1.8 0.6	8.9	1.3 0.9 0.8 0.6 1.1 3.4 3.9 4.1	16.1
24	0.5 0.9 0.8 1.5 0.8 0.5 0.6 0.8	6.4	3.0 2.0 2.7 3.8 3.5 3.9 1.5 0.9	21.3
25	1.0 0.7 0.7 0.9 1.3 1.5 2.2 1.6	9.9	0.8 0.7 2.9 3.4 4.2 4.7 4.3 3.3	24.3
26	0.7 0.8 0.7 0.6 0.9 0.8 0.6 1.1	6.2	3.7 3.6 3.1 3.8 3.8 3.0 3.0 2.4	26.4
27	0.8 1.2 0.9 0.7 0.7 0.6 1.3 1.7	7.9	2.5 3.0 2.7 3.2 4.3 3.5 4.3 2.9	26.4
28	0.6 1.2 1.3 0.8 0.7 1.0 1.6 2.0	9.2	3.0 3.0 2.9 2.9 4.1 4.3 2.3 3.6	26.1
29	1.9 2.2 2.7 2.3 2.3 1.6 3.1 3.1	19.2	1.7 3.1 2.3 2.7 2.2 2.6 2.2 2.2	19.0
30	1.4 1.1 0.6 0.9 0.8 0.5 0.6 0.9	6.8	1.9 1.8 1.6 2.2 1.7 0.9 1.5 0.9	12.5
31			1.9 1.5 2.3 1.7 2.7 1.4 1.2 2.1	14.8

TABLE 5--MEAN K-INDICES FROM THIRTY OBSERVATORIES, 1946

Day	January 1946 Values K_W								Sum	February 1946 Values K_W								Sum
1	1.5	1.6	2.4	2.9	2.6	2.8	3.1	1.9	18.8	0.8	1.2	0.7	1.4	1.5	1.7	1.2	1.1	9.6
2	2.7	1.4	1.2	1.9	2.0	3.2	2.4	0.7	15.5	2.5	2.6	2.7	2.2	2.0	1.4	1.8	1.7	16.9
3	0.4	0.9	4.1	6.3	6.0	6.8	5.6	5.0	35.1	1.1	1.2	1.1	1.4	3.9	2.9	3.1	3.0	17.7
4	4.6	4.2	4.8	3.7	2.8	4.7	4.2	3.8	32.8	2.1	1.7	2.0	2.7	3.3	2.9	1.6	2.9	19.2
5	2.6	2.3	2.2	1.9	2.3	1.7	2.0	2.2	17.2	2.3	2.5	1.7	1.3	2.6	3.1	2.5	3.1	19.1
6	2.7	1.1	2.0	1.7	1.8	3.5	3.1	1.7	17.6	2.7	1.2	1.6	1.8	3.5	1.5	2.8	2.6	17.7
7	0.5	1.2	0.8	1.9	2.0	2.1	3.1	1.5	13.1	2.7	1.8	3.3	7.3	6.9	7.0	6.0	7.3	42.3
8	1.4	1.5	1.3	1.1	0.9	1.1	1.8	0.9	10.0	7.4	6.3	5.7	6.2	5.2	5.1	3.5	2.4	41.8
9	0.8	0.6	1.1	1.3	1.9	1.4	1.3	0.8	9.2	1.0	1.0	3.0	3.2	2.8	2.3	2.4	2.8	18.5
10	0.6	1.6	1.7	2.4	1.9	2.5	1.9	1.2	13.8	1.5	2.7	3.8	2.5	3.2	2.8	2.1	1.5	20.1
11	2.0	4.2	4.0	3.8	2.6	2.2	2.7	3.1	24.6	1.8	2.0	1.5	1.5	2.5	1.5	2.0	0.8	13.6
12	1.9	1.7	1.5	2.7	1.7	1.6	2.5	1.7	15.3	0.9	1.5	0.8	1.4	2.0	2.6	2.6	3.1	14.9
13	0.5	0.9	0.5	1.1	1.4	0.9	2.1	1.2	8.6	1.9	1.6	3.4	3.5	3.3	1.8	0.9	0.5	16.9
14	0.6	1.4	0.8	1.1	0.7	1.0	0.8	0.8	7.2	0.9	1.7	4.8	4.3	2.3	4.2	4.5	3.6	26.3
15	0.9	0.8	1.2	1.0	1.1	1.6	1.6	2.5	10.7	3.1	4.1	3.4	2.3	2.7	2.1	2.1	1.4	21.2
16	2.5	2.8	2.0	1.3	2.0	1.5	1.3	1.6	15.0	1.4	1.4	1.5	1.5	2.2	1.9	2.3	2.5	14.7
17	1.3	2.0	3.2	2.1	1.0	2.7	3.2	2.9	18.4	2.6	2.8	2.3	1.1	0.9	1.0	0.9	0.8	12.4
18	0.9	1.0	1.6	2.2	2.9	3.0	3.2	2.9	17.7	1.5	1.3	1.3	1.1	1.5	2.5	2.6	1.3	13.1
19	3.2	2.5	1.7	2.0	1.5	1.1	2.1	2.1	16.2	2.6	3.4	4.1	3.3	2.6	3.9	4.6	4.1	28.6
20	1.6	1.8	0.9	0.7	0.7	0.5	0.4	0.4	7.0	1.8	2.2	1.6	2.4	1.6	2.4	3.6	5.1	20.7
21	0.4	0.5	0.5	0.5	1.2	1.2	1.7	2.5	8.5	4.6	3.6	4.6	4.6	5.0	4.6	3.4	1.5	31.9
22	2.8	2.8	3.2	2.0	2.5	1.2	1.0	2.7	18.2	3.5	3.4	3.2	3.1	2.8	2.5	2.5	2.1	23.1
23	2.1	2.2	2.6	2.5	2.5	1.7	2.3	4.5	20.4	2.6	3.0	3.7	3.3	3.4	3.1	3.5	1.4	24.0
24	3.0	3.0	3.4	3.6	4.9	4.3	3.8	3.3	29.3	1.7	1.0	1.7	2.4	2.0	1.4	3.6	3.0	16.8
25	2.2	1.5	1.4	1.5	3.4	3.3	2.9	1.5	17.7	2.4	2.7	2.2	3.0	2.3	2.2	1.9	2.3	19.0
26	2.0	2.8	3.2	2.9	2.3	4.2	3.0	1.1	21.5	1.9	1.5	1.5	2.2	1.4	2.1	2.1	1.8	14.5
27	1.7	1.9	1.5	1.0	1.3	1.0	1.3	1.2	10.9	0.7	0.9	0.9	1.1	0.6	1.4	1.0	0.7	7.3
28	0.8	0.6	1.1	1.7	1.3	1.0	1.4	2.1	10.0	1.2	1.2	1.5	1.3	1.1	0.8	1.5	1.2	9.8
29	1.4	2.3	1.9	2.2	2.8	1.8	1.6	1.2	15.2									
30	1.8	1.7	1.7	2.1	1.9	1.2	1.9	1.8	14.1									
31	1.5	1.1	1.8	1.4	2.0	2.7	1.4	2.1	14.0									

Day	March 1946 Values K_W								Sum	April 1946 Values K_W								Sum
1	3.8	4.5	4.5	3.5	1.8	1.9	1.5	2.5	24.0	3.7	2.4	3.5	2.6	2.1	1.9	2.9	2.7	21.8
2	4.1	3.0	2.7	3.2	2.4	1.5	1.1	1.8	19.8	3.0	2.9	2.7	3.2	3.3	2.9	2.8	3.3	24.1
3	1.5	1.5	1.5	0.9	1.2	1.0	2.0	1.8	11.4	1.1	0.9	1.6	1.9	2.2	2.6	2.2	1.7	14.2
4	2.3	2.1	2.8	3.2	3.0	2.8	3.6	4.3	24.1	2.1	1.8	1.4	1.8	2.0	1.6	1.2	2.2	14.1
5	3.7	2.8	2.5	3.3	3.8	3.4	2.5	2.6	24.6	1.7	1.3	1.5	1.8	2.7	2.5	3.2	2.1	16.8
6	2.5	2.7	2.9	3.0	3.1	2.8	2.5	2.8	22.3	1.8	1.8	1.6	2.1	2.3	1.7	2.3	2.2	15.8
7	2.3	1.7	2.2	2.9	2.9	1.9	2.1	1.6	17.6	2.5	2.7	2.5	2.6	3.0	3.0	1.8	1.1	19.2
8	0.9	1.0	1.0	0.8	1.4	1.6	2.6	2.0	11.3	1.0	1.5	2.8	2.9	2.3	1.3	2.7	2.3	16.8
9	0.7	1.1	1.0	1.1	2.6	4.5	4.1	2.7	17.8	2.4	1.9	2.9	4.5	4.4	4.4	2.8	3.9	27.2
10	4.9	4.7	4.2	4.0	4.6	4.0	5.2	4.8	36.4	3.2	1.6	1.4	3.0	2.1	1.0	0.8	1.6	14.7
11	4.7	3.0	3.0	3.1	3.4	3.1	3.0	3.4	26.7	1.0	1.1	1.7	1.7	1.6	1.3	1.1	1.4	10.9
12	1.4	1.3	1.5	1.2	1.2	1.1	0.8	0.7	9.2	1.8	1.8	1.1	2.2	2.5	2.5	2.8	4.1	18.8
13	0.7	1.5	1.0	1.9	1.6	2.0	2.3	1.4	12.4	3.4	3.1	3.5	3.1	2.6	2.5	3.8	3.1	25.1
14	1.0	1.3	0.8	1.8	1.8	1.3	2.5	1.0	11.5	2.6	1.4	2.0	3.8	5.0	3.2	3.0	3.4	24.4
15	1.4	0.9	2.3	3.1	2.9	2.4	2.1	1.8	16.9	4.4	3.7	4.8	4.5	5.5	4.7	4.4	1.8	33.8
16	0.6	0.7	1.5	1.2	1.9	1.6	1.5	2.2	11.2	2.0	2.2	1.4	1.2	1.3	1.5	2.4	3.0	15.0
17	3.2	3.7	2.6	2.5	3.9	3.6	3.8	2.9	26.2	2.5	1.6	1.4	1.5	2.5	1.2	1.0	0.9	12.6
18	2.0	1.4	2.0	2.7	2.2	2.0	1.8	0.8	14.9	1.3	1.5	1.8	2.5	2.5	1.9	1.8	0.8	14.1
19	0.9	1.4	1.8	1.2	1.5	1.1	2.1	2.6	12.6	0.7	0.8	1.7	1.0	1.0	1.9	1.5	2.0	10.6
20	2.6	1.6	1.3	3.1	3.3	2.4	2.2	2.1	18.6	1.6	0.9	0.6	1.4	1.7	2.2	1.3	0.8	10.5
21	2.3	3.4	2.3	2.9	2.7	1.8	1.1	0.8	17.3	0.7	0.9	1.3	1.2	1.9	1.3	1.4	0.9	9.6
22	0.8	2.9	4.7	4.2	3.9	2.3	2.6	4.2	25.6	0.8	1.0	3.7	3.8	2.5	3.3	4.1	1.8	21.0
23	3.1	2.4	2.0	1.5	2.4	3.2	3.4	5.0	23.0	2.8	3.3	4.1	5.1	5.5	6.2	5.6	7.0	39.6
24	6.8	5.8	3.9	4.8	5.8	6.4	3.3	4.2	41.0	6.4	5.8	5.4	5.3	3.9	5.4	3.8	3.0	39.0
25	6.0	5.3	5.3	6.4	6.9	7.1	6.6	613	49.9	4.2	3.2	2.3	1.4	0.9	0.7	0.7	0.8	14.2
26	5.2	4.5	4.3	4.3	3.1	3.5	4.3	2.6	31.8	1.9	1.4	1.7	1.5	1.3	1.9	2.2	2.9	14.8
27	3.7	3.6	1.7	2.9	3.4	4.0	2.9	3.8	26.0	3.7	1.7	1.2	1.0	0.7	0.5	0.8	0.7	10.3
28	4.1	4.7	7.9	8.3	8.8	8.2	7.5	6.7	56.2	1.4	1.1	1.2	1.8	2.0	2.9	3.7	2.6	16.7
29	5.1	4.3	4.4	4.0	3.4	2.8	2.2	2.3	28.5	1.5	1.2	3.3	3.1	1.8	2.0	1.6	2.0	16.5
30	1.9	1.6	1.4	2.0	1.4	1.5	1.9	2.0	13.7	2.1	1.1	1.1	1.0	2.0	1.2	1.7	1.1	11.3
31	1.3	1.8	2.9	3.1	2.6	1.7	1.8	3.5	18.7									

TABLE 5--MEAN K-INDICES FROM THIRTY OBSERVATORIES, 1946--continued

Day	May 1946 Values K_W								Sum	June 1946 Values K_W								Sum
1	0.9	2.0	2.3	1.4	1.6	2.2	2.6	2.5	15.5	1.8	1.9	2.0	1.5	1.7	1.5	2.0	1.7	14.1
2	3.1	1.7	2.0	1.7	1.6	1.9	1.4	1.6	15.0	2.3	1.3	1.5	1.5	1.4	1.4	1.3	0.8	11.5
3	1.9	2.2	1.6	1.4	1.1	1.8	2.6	1.9	14.5	0.8	0.8	1.0	1.1	1.2	0.8	0.6	0.5	6.8
4	2.5	1.8	2.1	3.0	1.9	2.1	2.2	1.5	17.1	0.7	1.5	2.6	2.1	3.1	2.1	0.8	0.4	13.3
5	1.2	1.7	1.2	0.9	1.6	1.5	2.2	3.5	13.8	0.4	0.5	0.9	1.2	1.3	1.0	3.9	3.6	12.8
6	3.2	4.5	4.6	3.8	2.7	3.3	2.5	5.4	30.0	2.9	2.7	2.5	3.3	3.5	1.8	1.6	1.3	19.6
7	3.4	5.2	4.7	3.8	3.5	2.5	1.8	2.1	27.0	2.2	1.3	2.8	4.6	5.6	4.7	3.7	2.4	27.3
8	2.4	3.9	4.9	3.2	4.4	3.0	3.2	3.2	28.2	3.5	2.9	3.2	4.3	4.2	4.6	2.9	3.6	29.2
9	3.7	3.6	3.9	3.4	4.2	4.6	4.0	3.8	31.2	3.8	3.7	3.1	2.8	3.4	3.0	2.1	2.1	24.0
10	2.2	3.2	3.7	3.3	2.7	2.7	1.9	3.3	23.0	1.5	1.3	1.5	1.5	2.3	3.3	2.1	1.3	14.8
11	3.5	4.2	5.7	4.6	4.5	4.2	2.2	1.9	30.8	2.0	2.6	2.7	3.2	2.8	2.0	2.3	1.7	19.3
12	2.1	1.9	1.8	2.6	2.0	1.6	2.0	1.6	15.6	1.3	2.6	3.2	3.3	3.9	3.9	3.2	3.8	25.2
13	2.8	2.9	2.1	1.2	1.0	1.3	1.5	2.5	15.3	2.6	3.4	3.0	3.5	3.3	2.1	1.7	1.1	20.7
14	2.1	1.8	0.9	0.8	1.6	1.4	1.3	0.7	10.6	1.7	2.1	3.0	1.9	2.0	1.6	2.5	1.4	16.2
15	0.9	1.2	1.5	2.1	1.9	1.5	1.5	1.4	12.0	0.5	1.3	2.5	2.0	2.6	2.1	2.1	1.2	14.3
16	1.7	1.9	1.5	2.2	2.9	1.3	2.3	2.1	15.9	1.4	1.3	2.6	3.0	3.0	2.5	3.2	4.1	21.1
17	2.5	3.2	2.1	2.0	3.0	3.1	2.4	1.4	19.7	4.6	4.3	3.6	2.0	1.9	1.6	1.7	2.7	22.4
18	3.1	2.8	3.4	3.0	2.8	3.1	1.6	1.3	21.1	3.4	2.5	2.4	2.7	2.0	3.5	3.3	3.5	23.3
19	0.7	0.9	1.0	1.6	0.9	1.2	0.6	0.8	7.7	4.0	3.8	4.1	3.9	3.9	3.1	3.2	3.0	29.0
20	0.5	0.9	1.3	1.1	1.2	2.5	3.1	4.5	15.1	3.0	2.3	2.3	2.2	2.7	2.2	2.1	1.3	18.1
21	3.9	3.0	4.0	3.6	3.6	3.8	3.7	3.2	28.8	2.4	3.6	3.6	2.8	1.7	2.1	2.9	2.9	22.0
22	2.7	5.0	4.8	4.2	4.0	3.8	3.7	3.6	31.8	2.8	2.0	1.3	2.2	3.0	2.7	2.8	1.2	18.0
23	4.2	3.1	3.2	3.7	4.1	4.3	4.2	3.6	30.4	1.2	1.1	2.8	1.9	1.2	1.0	0.7	0.5	10.4
24	3.1	3.1	2.8	3.3	3.6	3.7	2.5	2.9	25.0	0.7	1.1	1.0	1.2	0.8	0.7	2.1	2.0	9.6
25	3.5	2.9	2.6	2.2	2.2	2.8	2.3	2.5	21.0	1.8	2.6	2.8	2.8	1.6	2.7	2.4	1.4	18.1
26	3.2	3.1	1.5	2.4	2.9	2.0	1.3	1.3	17.7	1.6	2.2	2.0	2.0	3.5	2.8	2.4	2.4	18.9
27	1.6	1.5	1.8	1.1	1.1	1.2	1.1	2.1	11.5	1.9	1.9	3.3	3.3	2.5	2.9	3.8	3.6	23.2
28	2.2	2.3	2.4	1.8	2.4	2.4	2.1	1.3	16.9	2.2	3.8	3.1	2.0	2.9	2.3	3.0	2.9	22.2
29	1.9	2.4	2.5	2.1	1.9	2.0	2.1	1.4	16.3	2.8	3.3	3.5	3.4	4.0	5.0	5.0	3.5	30.5
30	1.8	1.1	1.3	1.6	2.0	2.0	2.1	2.1	14.0	1.3	1.9	1.5	1.6	2.2	1.8	1.7	0.8	12.8
31	2.6	2.8	3.6	2.5	2.3	2.0	2.2	1.6	19.6									

Day	July 1946 Values K_W								Sum	August 1946 Values K_W								Sum
1	0.8	0.8	0.8	1.2	1.8	1.6	1.2	0.7	8.9	2.0	1.7	1.6	1.2	2.0	1.9	1.7	1.2	13.3
2	1.3	2.4	2.6	2.3	2.7	1.7	1.4	1.5	15.9	1.3	1.4	1.4	1.5	1.7	1.3	1.8	1.3	11.7
3	2.3	3.0	4.0	3.6	2.9	2.4	1.7	1.3	21.2	1.1	1.8	1.6	1.7	1.4	1.5	1.3	0.9	11.3
4	1.1	1.4	1.0	1.9	2.7	1.4	1.0	0.4	10.9	1.1	1.2	1.2	1.3	1.5	1.6	1.6	0.9	10.4
5	1.0	1.0	1.1	0.9	1.5	1.5	0.8	0.8	8.6	0.9	1.0	1.7	2.2	1.9	1.7	2.1	1.5	13.0
6	1.7	1.1	1.3	1.4	1.7	2.0	1.5	1.4	12.1	1.5	1.3	1.4	2.4	3.1	1.8	1.6	1.7	14.8
7	1.9	4.4	4.3	4.8	3.3	3.8	4.0	3.7	30.2	2.6	3.0	2.8	2.6	4.2	4.0	4.0	2.2	25.4
8	3.5	2.6	2.4	3.4	3.6	3.9	1.9	1.5	22.8	2.0	1.7	1.3	0.9	1.0	2.7	2.4	2.2	14.2
9	4.1	3.0	2.6	4.0	2.7	3.0	3.0	2.3	24.7	2.5	1.2	1.3	2.0	1.6	2.1	2.1	1.2	14.0
10	2.1	1.9	1.6	2.7	1.8	3.1	2.1	2.6	17.9	0.8	0.9	0.9	1.7	1.4	2.0	2.4	2.3	12.8
11	2.8	2.8	2.2	2.5	2.5	2.7	2.9	2.3	20.7	2.8	3.6	4.0	3.0	4.3	3.9	3.2	3.4	28.2
12	1.4	1.8	2.3	1.7	1.7	1.5	1.2	0.7	12.3	3.4	2.4	3.3	1.7	1.4	2.0	1.9	3.6	19.7
13	0.7	0.9	1.0	2.0	1.7	1.6	1.0	1.7	10.6	2.5	2.2	2.3	1.5	1.4	1.6	2.6	1.8	15.9
14	1.0	1.7	2.7	2.8	4.4	4.2	2.7	2.4	21.9	2.0	2.7	4.1	4.2	4.4	2.6	4.4	4.2	28.6
15	2.5	4.1	2.7	2.1	2.0	2.1	1.5	1.1	18.1	4.1	3.1	2.4	3.2	2.8	3.5	3.4	3.1	25.6
16	1.4	1.1	1.5	3.9	2.9	3.6	2.4	2.6	19.4	2.8	2.4	2.6	3.1	2.2	2.3	4.4	3.9	23.7
17	3.3	3.0	3.2	3.0	3.0	2.3	1.7	2.3	21.8	2.1	3.0	3.8	3.8	4.0	3.1	2.4	3.1	25.3
18	2.1	1.9	2.0	3.7	4.6	5.2	4.4	3.9	27.8	1.5	1.1	1.6	1.5	1.5	1.4	1.7	2.0	12.3
19	3.8	3.6	3.2	3.4	4.2	2.0	2.4	2.3	24.9	2.8	1.6	1.5	1.5	1.8	1.3	1.9	1.5	13.9
20	2.4	1.8	1.0	0.9	1.2	1.4	1.5	1.8	12.0	1.5	2.2	1.2	1.5	1.6	1.4	1.7	0.9	12.0
21	1.9	2.1	1.8	1.9	2.3	2.9	2.1	2.7	17.7	1.0	1.3	1.2	1.4	0.8	0.7	0.7	1.4	8.5
22	2.1	3.1	2.1	2.1	2.7	2.8	2.4	3.2	20.5	1.0	1.1	0.6	0.7	0.6	0.7	0.6	0.6	5.9
23	3.1	2.4	2.5	4.4	3.4	3.1	2.5	2.3	23.7	0.7	0.8	0.9	1.3	1.0	0.8	0.7	0.9	7.1
24	1.3	1.7	1.3	1.8	2.2	1.5	1.6	1.3	12.7	1.6	2.0	3.0	1.2	1.7	1.5	1.4	1.9	14.3
25	2.1	2.5	2.8	3.1	1.9	3.7	3.2	2.9	22.2	2.4	2.1	1.9	1.5	1.2	1.3	0.9	0.6	11.9
26	3.4	3.6	3.0	3.4	3.1	3.1	7.5	7.1	34.2	1.1	0.8	1.3	1.2	0.9	1.1	1.6	0.6	8.6
27	7.8	7.5	7.1	5.3	4.4	3.2	2.8	2.4	40.5	1.0	1.9	2.2	2.1	2.0	1.0	1.2	1.8	13.2
28	1.9	2.2	2.2	2.1	3.5	2.8	3.3	3.7	21.7	1.5	1.9	1.0	0.9	1.4	1.8	1.9	0.7	11.1
29	4.1	4.8	4.3	3.8	3.6	5.5	4.2	3.5	33.8	0.9	0.8	0.8	0.8	0.7	1.8	1.0	1.0	7.8
30	4.5	3.8	3.4	3.8	4.4	3.8	2.2	1.7	27.6	0.6	0.6	0.5	0.8	0.9	1.2	2.8	3.9	11.3
31	2.8	1.5	1.4	1.8	1.6	2.1	1.3	1.8	14.3	4.5	5.6	4.9	3.3	4.0	3.4	2.5	1.8	30.0

TABLE 5--MEAN K-INDICES FROM THIRTY OBSERVATORIES, 1946--concluded

Day	September 1946									October 1946								
	Values K_W								Sum	Values K_W								Sum
1	1.1	0.9	1.0	1.9	2.0	1.8	1.3	1.3	11.3	2.5	2.4	3.5	3.3	3.1	3.0	3.2	1.8	22.8
2	2.2	1.9	3.1	1.4	1.3	1.5	2.7	1.9	16.0	1.2	2.5	2.8	1.9	3.4	2.5	2.1	1.5	17.9
3	2.0	1.2	1.1	1.8	1.8	2.6	2.3	2.9	15.7	2.4	3.1	2.6	1.7	2.9	3.2	1.2	0.9	18.0
4	2.3	2.4	3.2	4.0	3.3	2.8	2.3	3.0	23.3	2.3	2.3	2.2	2.5	2.3	2.9	2.2	1.6	18.3
5	2.4	1.3	2.6	2.9	3.1	3.1	1.8	2.2	19.4	1.1	2.3	2.1	2.3	4.1	3.7	3.7	1.2	20.5
6	2.4	2.6	1.4	1.0	0.9	0.5	0.6	0.5	9.9	2.1	2.6	3.1	3.1	2.1	2.3	3.6	3.2	22.1
7	0.7	1.4	3.2	3.6	3.8	2.5	3.0	2.6	20.8	2.4	2.2	2.5	3.2	3.3	3.1	2.2	1.3	20.2
8	2.0	1.6	2.8	2.7	2.6	1.8	2.7	2.5	18.7	1.6	2.1	1.2	0.9	0.8	1.4	2.0	2.2	12.2
9	2.2	2.5	1.8	1.4	2.6	3.7	3.9	2.2	20.3	3.0	3.9	4.0	4.0	3.1	2.2	2.8	4.1	27.1
10	2.2	1.5	3.7	3.8	3.1	1.9	1.5	3.7	21.4	2.5	1.2	2.2	2.7	2.5	1.7	3.2	2.9	18.9
11	2.1	2.0	1.9	3.0	2.5	2.8	2.9	2.2	19.4	2.3	2.2	1.3	1.5	2.7	2.4	2.5	1.9	16.8
12	1.8	1.7	3.0	2.9	2.8	1.9	2.2	2.5	18.8	2.7	3.2	3.0	1.1	1.1	1.1	1.5	2.2	15.9
13	1.6	2.6	1.6	1.3	2.2	1.5	1.9	2.2	14.9	2.4	1.3	1.4	1.2	0.9	0.8	0.7	1.7	10.4
14	2.4	1.1	1.8	2.1	1.4	1.2	1.9	2.4	14.3	1.6	1.1	2.6	1.7	1.6	2.0	1.9	1.4	13.9
15	1.4	1.8	2.5	1.4	1.5	2.5	1.4	1.2	13.7	0.7	1.0	1.7	2.7	1.9	1.1	1.6	2.2	12.9
16	1.3	1.5	1.1	1.7	3.5	4.9	5.6	4.4	24.0	1.3	1.4	2.2	2.6	1.9	1.6	2.2	2.6	15.8
17	4.4	3.6	2.4	2.4	1.9	3.0	3.4	4.7	25.8	1.1	1.3	2.1	1.1	1.2	0.8	1.3	1.1	10.0
18	6.2	5.7	5.4	5.5	5.8	5.9	5.8	4.2	44.5	1.6	1.0	0.8	0.8	0.9	0.8	0.9	1.6	8.4
19	4.8	5.1	3.2	3.9	5.7	4.9	2.9	3.0	33.5	0.9	1.4	1.1	1.5	1.4	1.8	2.7	3.7	14.5
20	2.9	2.0	3.0	2.3	1.4	2.2	2.7	2.0	18.5	3.3	3.6	3.3	3.2	2.9	2.8	3.8	3.0	25.9
21	2.5	1.4	1.1	2.6	2.5	4.9	3.9	3.9	22.8	2.1	1.5	1.3	1.5	1.3	2.1	2.7	2.4	14.9
22	3.3	7.0	6.6	8.0	8.6	7.7	5.6	5.0	51.8	1.9	1.4	2.2	1.9	2.3	1.3	1.2	1.1	13.3
23	6.1	5.9	6.0	4.7	5.5	6.6	4.9	5.2	44.9	1.8	2.0	2.3	2.1	2.3	1.8	0.8	1.2	14.3
24	4.1	3.2	2.9	3.4	3.0	2.8	1.8	0.9	22.1	1.2	1.0	1.0	2.0	3.1	1.8	1.6	1.7	13.4
25	1.0	1.0	1.3	1.5	1.5	1.3	1.6	1.2	10.4	2.1	1.3	2.3	2.1	1.3	2.4	1.8	2.4	15.7
26	1.0	1.3	1.7	2.3	2.2	2.2	1.1	1.8	13.6	2.9	3.0	3.4	3.3	3.1	2.9	3.3	5.1	27.0
27	2.5	2.3	3.9	3.7	3.4	5.2	5.0	4.2	30.2	5.3	4.5	4.0	4.1	4.4	4.6	3.3	3.5	33.7
28	3.6	4.4	4.9	4.3	5.3	6.1	5.4	5.3	39.3	2.5	2.0	2.6	2.2	2.3	2.9	1.8	1.7	18.0
29	5.1	3.3	2.6	2.2	3.5	4.0	4.0	3.4	28.1	2.4	2.0	1.6	2.8	2.1	1.9	2.4	2.4	17.6
30	3.4	3.9	3.5	3.7	3.3	3.8	4.2	2.6	28.4	1.0	1.0	1.9	1.7	1.0	1.7	0.6	0.7	9.6
31										0.6	0.7	2.8	2.9	4.2	4.0	2.9	2.6	20.7

Day	November 1946									December 1946								
	Values K_W								Sum	Values K_W								Sum
1	2.6	2.7	3.0	3.9	3.6	4.0	3.2	3.9	26.9	1.0	1.1	0.7	0.6	1.2	2.7	2.5	2.5	12.3
2	1.4	1.8	3.1	2.3	2.2	1.2	2.1	1.9	16.0	1.9	1.3	1.4	1.3	2.4	2.1	2.1	2.7	15.2
3	1.9	1.2	1.9	0.8	1.3	1.2	0.7	1.5	10.5	3.1	2.2	1.7	2.2	1.6	1.3	0.9	0.8	13.8
4	1.4	0.8	0.8	2.4	1.9	1.4	1.6	2.3	12.6	1.0	1.4	1.6	1.0	1.5	1.8	2.2	1.7	12.2
5	1.0	1.9	2.2	3.7	3.5	2.9	3.2	2.5	20.9	1.7	1.9	2.4	2.8	2.9	3.5	2.5	2.5	20.2
6	2.5	2.6	3.1	4.0	4.3	4.0	2.3	3.2	26.0	2.2	2.3	1.7	1.3	1.6	1.3	1.9	2.6	14.9
7	2.9	2.5	1.5	1.3	1.4	1.7	1.1	0.8	13.2	2.5	3.0	2.5	1.3	1.3	3.1	2.5	1.9	18.1
8	0.9	0.8	1.0	1.4	2.2	1.2	1.6	2.3	11.4	2.0	2.9	1.5	2.3	1.3	1.0	1.2	0.9	13.1
9	2.4	1.6	1.7	2.4	2.5	1.8	1.7	2.9	17.0	1.3	1.2	1.2	1.1	1.3	1.5	2.1	1.1	10.8
10	2.7	1.5	1.3	1.2	1.8	2.1	3.7	3.2	17.5	1.7	1.3	1.5	2.8	3.0	3.3	2.4	2.7	18.7
11	3.5	3.4	2.6	3.4	1.8	1.8	2.6	2.9	22.0	1.7	1.4	1.4	2.7	2.8	3.0	4.1	3.4	20.5
12	3.2	3.7	2.7	2.0	1.8	2.8	2.9	1.4	20.5	2.5	1.5	1.1	3.2	3.0	3.4	2.5	2.6	19.8
13	1.3	1.4	1.2	1.4	1.4	1.5	2.1	2.4	12.7	1.8	1.4	2.4	1.6	2.5	2.4	1.6	1.1	14.8
14	0.8	0.8	0.8	1.4	2.1	1.2	1.3	1.6	10.0	0.7	1.0	1.0	0.9	1.1	0.8	0.5	0.7	6.7
15	0.7	0.7	3.7	2.9	3.2	3.1	3.1	3.3	20.7	0.6	0.7	0.8	1.4	1.4	1.0	1.0	0.9	7.8
16	3.0	3.2	2.7	2.3	2.1	1.8	2.6	3.0	20.7	1.0	0.7	1.2	1.2	1.2	1.3	1.7	2.7	11.0
17	1.3	2.0	0.8	1.0	1.3	1.6	1.5	2.5	12.0	2.1	1.9	2.4	2.5	2.7	1.4	1.6	2.2	16.8
18	2.0	1.3	1.3	2.1	1.6	1.3	0.8	2.1	12.5	2.2	1.8	2.2	1.4	1.9	1.4	1.8	1.4	14.1
19	2.8	2.1	2.8	3.3	2.4	2.8	3.0	4.1	23.3	2.5	2.4	3.5	3.5	4.3	4.4	3.4	1.3	25.3
20	2.1	2.6	1.9	2.4	3.9	3.0	3.2	3.0	22.1	1.9	2.0	1.1	1.2	0.9	0.7	0.6	0.8	9.2
21	3.6	2.4	3.2	4.5	4.2	2.9	2.9	3.3	27.0	1.1	1.2	2.7	3.9	2.8	2.4	1.1	2.1	17.3
22	2.8	2.7	2.8	2.1	1.8	3.5	1.6	1.6	18.9	2.5	2.8	2.9	2.8	2.7	2.6	1.3	1.2	18.8
23	2.1	2.0	1.9	2.2	2.5	1.2	0.8	0.9	13.6	0.9	2.7	2.4	2.4	2.9	1.7	1.4	1.9	16.3
24	1.0	3.8	3.4	3.7	5.5	3.6	2.0	1.4	24.4	1.9	2.0	1.5	1.0	1.4	1.2	0.7	1.0	10.7
25	1.7	2.8	2.7	3.0	3.6	4.1	3.9	2.9	24.7	1.3	1.4	1.2	1.2	1.2	0.9	3.3	4.2	14.7
26	2.6	2.9	1.6	1.2	1.7	2.7	1.1	0.7	14.5	1.5	1.8	2.1	3.3	2.9	3.1	2.0	1.7	18.4
27	1.0	0.7	0.8	1.0	0.5	0.7	0.7	0.6	6.0	1.8	2.6	2.4	2.0	1.7	1.4	3.3	2.8	18.0
28	0.7	0.9	1.9	1.2	1.4	1.0	1.2	1.2	9.5	2.5	1.9	2.1	1.7	2.3	1.4	1.1	1.2	14.2
29	1.1	0.7	0.8	0.6	0.9	0.5	0.7	1.1	6.4	1.3	1.4	1.9	1.4	2.1	2.2	1.2	1.3	12.8
30	1.0	0.7	0.8	0.9	1.9	1.1	0.8	1.6	8.8	0.9	1.0	0.8	1.0	0.8	1.1	0.9	0.7	7.2
31										1.5	1.3	1.1	1.2	1.8	1.5	1.2	1.5	11.1

TABLE 6--MEAN K-INDICES BY MONTHS

Month	GMT 3-hour interval								Mean
	00-03	03-06	06-09	09-12	12-15	15-18	18-21	21-24	
	Mean indices, K_W, from twenty-seven observatories, 1940								
January	1.95	1.87	1.77	1.88	2.49	2.72	2.76	2.47	2.24
February	2.16	1.73	1.71	1.94	2.17	2.25	2.22	2.24	2.05
March	2.50	2.34	2.12	2.37	2.28	2.48	2.75	2.79	2.45
April	2.32	2.21	2.01	1.96	2.12	2.17	2.23	2.01	2.13
May	2.18	2.42	2.03	1.94	1.95	2.08	2.10	1.94	2.08
June	2.26	2.21	2.07	2.11	2.32	2.36	2.28	2.16	2.22
July	2.13	2.15	1.94	1.97	2.08	2.03	2.04	2.09	2.05
August	1.97	1.77	1.75	1.92	2.08	2.13	2.12	1.98	1.96
September	1.90	1.82	1.74	2.02	2.17	2.33	2.35	2.07	2.05
October	1.94	1.85	1.91	2.15	2.25	2.19	2.41	2.17	2.11
November	2.07	2.08	2.36	2.45	2.53	2.26	2.31	2.41	2.31
December	2.10	2.11	1.96	2.41	2.44	2.50	2.46	2.32	2.29
Year	2.12	2.05	1.95	2.09	2.24	2.29	2.34	2.22	2.16
	Mean indices, K_W, from twenty-nine observatories, 1941								
January	2.23	1.92	2.01	2.13	2.25	2.49	2.45	2.41	2.24
February	2.38	2.30	2.25	2.66	2.69	2.82	3.05	2.54	2.59
March	2.95	2.77	2.67	2.92	3.01	3.23	3.40	3.28	3.03
April	2.24	2.15	2.18	2.23	2.18	2.07	1.99	2.31	2.17
May	2.07	2.13	2.05	2.18	2.07	1.93	2.12	2.15	2.09
June	2.01	1.85	2.21	2.21	2.12	1.88	1.98	1.94	2.02
July	2.15	2.28	2.41	2.25	2.34	2.08	2.16	2.16	2.23
August	2.34	2.20	2.25	2.31	2.23	2.20	2.25	2.31	2.26
September	2.41	2.42	2.60	2.52	2.56	2.50	2.56	2.42	2.50
October	1.73	1.82	1.84	1.79	1.85	2.13	2.22	2.13	1.94
November	2.20	2.07	2.22	2.23	2.32	2.47	2.46	2.37	2.29
December	1.87	1.79	1.73	1.92	2.07	2.29	2.06	2.22	1.99
Year	2.21	2.14	2.20	2.28	2.31	2.34	2.39	2.35	2.28
	Mean indices, K_W, from twenty-eight observatories, 1942								
January	1.65	1.67	1.70	1.83	1.94	1.92	1.94	1.94	1.82
February	1.97	1.79	1.80	1.91	2.15	2.11	2.13	2.10	1.99
March	2.50	2.58	2.65	2.93	2.80	2.89	2.68	2.47	2.69
April	2.27	2.29	2.24	2.42	2.64	2.45	2.24	2.17	2.34
May	1.71	1.74	1.79	1.81	1.66	1.83	1.76	1.75	1.76
June	1.83	1.80	1.94	1.86	2.05	1.98	1.73	1.73	1.85
July	2.44	2.25	2.40	2.55	2.41	2.28	2.30	2.31	2.37
August	2.23	2.21	2.25	2.34	2.35	2.24	2.40	2.33	2.29
September	2.35	2.43	2.41	2.84	2.66	2.73	2.50	2.59	2.56
October	2.52	2.46	2.47	2.66	3.15	3.19	2.94	2.62	2.75
November	2.29	2.05	2.23	2.51	2.61	2.65	2.69	2.49	2.44
December	1.88	1.65	1.63	1.82	2.13	2.17	2.04	2.10	1.93
Year	2.14	2.08	2.13	2.29	2.38	2.37	2.28	2.22	2.24

TABLE 6--MEAN K-INDICES BY MONTHS--continued

Month	GMT 3-hour interval								Mean
	00-03	03-06	06-09	09-12	12-15	15-18	18-21	21-24	
	Mean indices, K_W, from twenty-seven observatories, 1943								
January	1.83	1.60	1.86	2.06	1.99	2.27	2.00	2.04	1.96
February	1.89	1.77	1.89	2.14	1.88	1.74	2.02	1.82	1.89
March	2.01	1.88	2.09	2.33	2.26	2.36	2.40	2.24	2.20
April	2.33	2.25	2.44	2.44	2.34	2.16	2.07	2.14	2.27
May	2.49	2.40	2.48	2.37	2.30	2.28	2.14	2.23	2.34
June	2.22	2.35	2.36	2.51	2.34	2.15	1.98	2.12	2.25
July	2.49	2.53	2.73	2.72	2.46	2.41	2.35	2.31	2.50
August	3.17	3.30	3.46	3.35	3.37	3.20	3.00	2.98	3.23
September	3.19	3.24	3.06	3.29	3.10	2.99	3.00	3.02	3.11
October	2.86	2.61	2.83	3.02	3.08	2.83	2.85	2.73	2.85
November	2.30	2.48	2.72	2.60	2.71	2.79	2.73	2.48	2.60
December	2.03	1.80	2.01	2.36	2.50	2.56	2.45	2.26	2.25
Year	2.40	2.35	2.49	2.60	2.53	2.48	2.42	2.36	2.45
	Mean indices, K_W, from thirty observatories, 1944								
January	2.12	1.83	1.89	2.11	2.31	2.66	2.38	2.23	2.19
February	1.71	1.73	1.82	2.10	2.22	2.00	1.91	1.84	1.92
March	2.50	2.54	2.43	2.71	2.65	2.34	2.45	2.47	2.51
April	2.28	2.08	2.30	2.29	2.21	2.16	2.21	2.19	2.22
May	1.83	1.80	1.97	2.00	2.04	1.84	1.77	1.83	1.88
June	1.83	1.91	1.97	1.92	1.92	2.00	1.71	1.85	1.89
July	1.63	1.65	1.68	1.77	1.72	1.55	1.65	1.60	1.66
August	2.17	2.00	2.08	2.05	2.09	1.84	1,80	1.79	1.98
September	2.08	1.87	1.89	2.04	2.00	1.88	2.03	2.13	1.99
October	2.15	1.76	1.77	1.88	1.81	2.07	2.19	2.21	1.98
November	1.33	1.31	1.42	1.44	1.61	1.58	1.33	1.18	1.40
December	1.95	1.94	1.90	2.14	2.13	2.39	2.15	2.04	2.08
Year	1.96	1.87	1.93	2.04	2.06	2.03	1.96	1.95	1.98
	Mean indices, K_W, from thirty observatories, 1945								
January	1.78	1.69	1.57	1.78	1.85	1.89	2.02	1.80	1.80
February	1.83	1.82	1.73	1.99	1.94	2.04	2.13	1.86	1.92
March	2.22	1.98	2.12	2.57	2.52	2.65	2.42	2.38	2.36
April	1.98	1.91	2.15	2.24	2.25	2.17	1.96	2.00	2.08
May	1.98	2.06	2.05	1.99	2.06	2.32	2.19	2.12	2.10
June	1.54	1.81	1.81	1.69	1.80	1.69	1.58	1.54	1.68
July	2.07	2.02	1.90	2.03	2.03	1.87	1.67	1.90	1.94
August	1.71	1.74	1.70	1.75	1.72	1.79	1.66	1.55	1.70
September	1.87	1.65	1.77	2.07	1.96	1.87	1.99	1.78	1.87
October	1.71	1.42	1.61	1.98	2.20	2.09	2.10	2.09	1.90
November	1.41	1.44	1.54	1.55	1.60	1.49	1.63	1.52	1.52
December	1.97	1.85	1.90	1.99	2.25	2.11	2.04	2.10	2.03
Year	1.84	1.78	1.82	1.97	2.02	2.00	1.95	1.89	1.91

TABLE 6--MEAN K-INDICES BY MONTHS--concluded

Month	GMT 3-hour interval								Mean
	00-03	03-06	06-09	09-12	12-15	15-18	18-21	21-24	
	Mean indices, K_M, from thirty observatories, 1946								
January	1.71	1.80	1.98	2.08	2.13	2.24	2.28	2.03	2.03
February	2.19	2.20	2.49	2.62	2.68	2.60	2.59	2.34	2.46
March	2.76	2.65	2.71	2.97	3.06	2.85	2.80	2.81	2.83
April	2.31	1.92	2.24	2.48	2.50	2.37	2.38	2.24	2.30
May	2.42	2.64	2.67	2.44	2.49	2.48	2.26	2.34	2.47
June	2.10	2.25	2.51	2.49	2.64	2.43	2.44	2.09	2.37
July	2.46	2.56	2.43	2.76	2.77	2.76	2.37	2.25	2.54
August	1.86	1.88	1.95	1.86	1.95	1.88	2.06	1.88	1.92
September	2.70	2.60	2.81	2.91	3.07	3.25	3.01	2.84	2.90
October	2.03	2.02	2.29	2.25	2.31	2.21	2.18	2.16	2.18
November	1.93	1.94	2.00	2.20	2.34	2.12	2.00	2.20	2.09
December	1.70	1.73	1.75	1.88	2.02	1.96	1.83	1.81	1.84
Year	2.18	2.18	2.32	2.41	2.50	2.43	2.35	2.25	2.33

TABLE 7--MEAN K-INDICES BY YEARS FROM 1940 TO 1946

Number of observatories	Year	Mean indices, K_M, for GMT 3-hour interval								Mean
		00-03	03-06	06-09	09-12	12-15	15-18	18-21	21-24	
27	1940	2.12	2.05	1.95	2.09	2.24	2.29	2.34	2.22	2.16
29	1941	2.21	2.14	2.20	2.28	2.31	2.34	2.39	2.35	2.28
28	1942	2.14	2.08	2.13	2.29	2.38	2.37	2.28	2.22	2.24
27	1943	2.40	2.35	2.49	2.60	2.53	2.48	2.42	2.36	2.45
30	1944	1.96	1.87	1.93	2.04	2.06	2.03	1.96	1.95	1.98
30	1945	1.84	1.78	1.82	1.97	2.02	2.00	1.95	1.89	1.91
30	1946	2.18	2.18	2.32	2.41	2.50	2.43	2.35	2.25	2.33
	Mean	2.12	2.06	2.12	2.24	2.29	2.28	2.24	2.18	2.19