

I A G A Bulletin No. 12 u 2

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

ASSOCIATION OF GEOMAGNETISM AND AERONOMY

GEOMAGNETIC DATA 1966
RAPID VARIATIONS

by

A. ROMANA and J. VELDKAMP

Published for the International Council of Scientific Unions with the
financial assistance of Unesco

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GEOMAGNETIC DATA 1966

RAPID VARIATIONS

Introduction

List of observatories. The list of observatories has been taken from Bulletin 12 u1 (Geomagnetic Data 1966, Indices K and C), with some little changes.

The first three pages of the list of observatories give the name of the observatory and its two-letter-symbol, the name of the collaborator and the geographic and geomagnetic coordinates. Beginning with the issue 12 t2 of 1965 new station-symbols are used consisting of two capital letters. The committee decided to make this change in order to facilitate the use of the symbols in procedures of mechanical typing, whereby no small (lower case) letter type is available. The new symbols were established during the IAGA-assembly at ST. Gallen (1967) by the Working Group on Magnetic Observatories. The old letter combinations were maintained as much as possible. For this reason and because no three-letter symbols are used, there are some differences with the symbols used by G. Fanslau in IAGA-Bulletin No. 20 (List of Observatories). However this will not cause any confusion, except for the symbol SC, which has been used for Santa Cruz, Tenerife, in the former Bulletin in this series (No. 12 s), while in Bulletin 20 this symbol stands for Santa Cruz, Bolivia. Therefore, in the present Bulletin and the forthcoming Bulletin's No. 12, the symbol for Santa Cruz, Tenerife, will be SZ. The users are advised to change SC into SZ in the list of observatories on page 2 of the Bulletins 12 s1 and 12 s2. A survey of the old and the new symbols is given in the list of observatories.

The fourth to the sixth pages give the scale values of the instruments, used for scaling K or (and) C, the lower limit for $K = 9$, and the range of disturbance on a day with character-figure $C = 1$.

The seventh to the ninth pages give information on the instruments used for recording magnetograms and on the method used by some observatories for checking the solar-flare effects found in the magnetograms. The column "Ionospheric Stations or Radio Services" indicates the ionospheric or solar observatories or the radio services whose reports on Dellinger effects, eruptions on the sun, and black-outs in the radio communication enable the magnetic observatory to distinguish between a solar-flare effect and a bay-disturbance caused by particle radiation from the sun.

Table 1a is a list of sudden commencements followed by a magnetic storm or by an increase in activity lasting at least one hour (ssc), checked by 63 observatories. The times in the column at the left are mean values; but the extreme values attributed by some observatories to the beginning of the phenomenon are added in brackets. On printing grounds only the minutes are given. These minutes generally belong to the hour of the phenomenon; but if they are underlined, they belong to the preceding hour. Observatories which checked the sudden commencements and agreed with the term ssc are classified in six groups under the letters A, B, C, D, E, X, as follows:

A...when the phenomenon in their magnetograms is a very remarkable ssc

B...when it is a fair, ordinary, but unmistakable ssc

C...when it is a very poor or doubtful ssc

D...when it was decidedly not recorded in the magnetograms, although the records were satisfactory

E...when the phenomenon cannot be discerned because of heavy disturbance

X...when the record is missing

In some cases one or more observatories preferred another qualification (si, b, bp, etc.); these observatories are also indicated. The checking observatories were: TR SO CO DO NU LE SI KN MO ES WN WI IR NI VL BE CM HA KV MA DB PR RA VI FU HB OD SU MT AG LG AQ TF EB TL FR AK SM SF KA KS TU KY QU LP HO TE AL SJ MU GU AA PA MC TG AP TN HR AC AM KG DU SB.

Table 1b is a list of sudden commencements (ssc) originally given by an insufficient number of observatories to be included in the checking-lists and consequently not checked by other observatories; reports that arrived after the sending of the checking-lists have been included. The remarks are the same as for the Table 1a.

Table 2a is a list of commencements of bays or pulsational disturbances associated with bays. In accordance with the circular-letter of the 7th January 1964 these disturbances were not checked and therefore the list is based upon the monthly data only. The times at the left-hand side of the table are mean times. The extreme values attributed by some observatories to the beginning of the phenomenon are added in brackets. On printing grounds only the minutes are given. These minutes generally belong to the hour of the phenomenon, but if they are underlined they belong to the preceding hour. The observatories are mentioned in groups, according to the qualification (b, bs, bp, etc.) which they have attributed to the phenomenon in accordance with the definitions given by the Copenhagen- and Berkeley meetings. The classification symbols A, B, C, D, E, X, are the same as in Table 1a. The meaning of the symbols b, bs, etc. is:

b...clear and isolated bay appearing during a calm period without pulsations or sharp beginning

bs...bay with sharp beginning without pulsations

bp...bay with pulsations without sharp beginning

bps...bay with pulsations and sharp beginning

pi2...train of pulsations of irregular shape and beginning mostly impulsive, with period 40 - 150 sec., consisting of several series of oscillations, each series lasting about 10 minutes (pi2 corresponds with the former pt)

pg...giant pulsations, viz., exceptional pulsations of very great period and regularity, with sufficient relative amplitude

If pulsations precede or follow the beginning of the bay with a time lag of not more than about ten minutes, then symbols bp and bps are used. If the interval is greater, both phenomena are reported separately.

This list cannot be considered as complete, as it may be that a bay has been selected by the observatories out of a great many similar disturbances all occurring on the same day. Therefore it seems better not to use this table for statistical purposes without caution. This holds also for the Tables 2b, 2c, 2d, 2e, 3a, and 3b.

Table 2b gives a summary of pulsational disturbances of type pi-2 (the former pt) not associated with bays. These phenomena were not checked and the list is based upon the monthly data only. *) (see Note). The mean times and extreme times of the beginning of the phenomenon are given as in table 2a.

Table 2c After the circular letter of January 7, 1964, continuous pulsations of the types pc-4 (period 45 - 150 sec.) and pc-5 (period 150 - 600 sec.) can also be given in forms for Ordinary Magnetograms and Tellurigrams. Table 2c gives a summary of these pulsational disturbances of the type pc-4. The mean times and extreme times of the beginning of the phenomenon are given as in table 2a. *) (see Note).

Table 2d is a list of pulsational disturbances of type pc-5. (see table 2c).

Table 2e is a list of giant pulsations checked by 53 observatories, the same as for the ssc's, except MO NI PR HB AK LP SU AL AA TN AC; on the other hand BU has checked only pg's. The mean times and extreme times of the beginning of the phenomenon are given in table 2a.

Table 3a gives a summary of sudden magnetic changes or impulses (si) which could not be classified as ssc, b, bp, etc.: They have been checked by 63 observatories, the same as for the ssc's, except AA. The mean times and extreme times of the beginning of the phenomenon are given as in table 2a.

Table 3b gives a summary of si's that were not checked, for the same reason as for the ssc's of Table 1b. The mean times and extreme times of the beginning of the phenomenon are given as in table 2a.

Table 4 is a list of minor disturbances reported by one station only.

Table 5a gives a summary of solar-flare effects (sfe) reported by the observatories. The times tabulated in the column at the left are mean values of the times given for the beginning of a phenomenon. A check for the solar-flare effects was made by 60 observatories, the same as for the ssc's, except TR MO AK. Stations in the day-light hemisphere have been written behind the indicates times and grouped in the same way as in Table 1a. Observatories near the subsolar point are underlined. Stations lying in the twilight-zone of the dark hemisphere, which reported a clear disturbance, are indicated by dotted brackets. Stations under the same circumstances in the full dark have been given in parentheses. Stations on the night-side of the earth, which give a negative or doubtful answer, have been omitted. In cases where one or more stations reported a simultaneous disturbance from an ionospheric or solar observatory or from a radio service which gave support to the geomagnetic solar-flare effect, the indicated time has been underlined.

Note: More detailed information on pulsations, as reported by stations with rapid-run magnetograms, is collected by Dr. A. Romaña, S.J., Observatorio del Ebro, Tortosa, Spain, and published in the "Three-monthly Bulletin" of the "International Service of Geomagnetic Indices", De Bilt, Netherlands and in the yearly supplement of this Bulletin.

Table 5b summarizes all doubtful solar-flare effects. In general, the following cases have been considered as doubtful: those where well-located stations (with respect to the subsolar point) did not report such an effect and those where some stations in full dark mentioned a disturbance which, considering the hour and their geographic position, would probably not be a night-side bay coexisting with a sfe at the day-side of the earth. Nevertheless, it is very probable that several cases reported in this table are real solar-flare effects.

Table 5c summarizes times of presumed solar-flare effects, which are probably not real solar-flare effects, as several stations in full dark reported a sudden commencement, a sudden impulse or a bay disturbance at the indicated time, whereas stations in full daylight found a doubtful effect or a disturbance that did not agree with an increase of the normal daily variation.

Committee on Magnetic Activity and Disturbances

A. T. Price, Chairman

The University

Exeter, Great Britain

J. Veldkamp

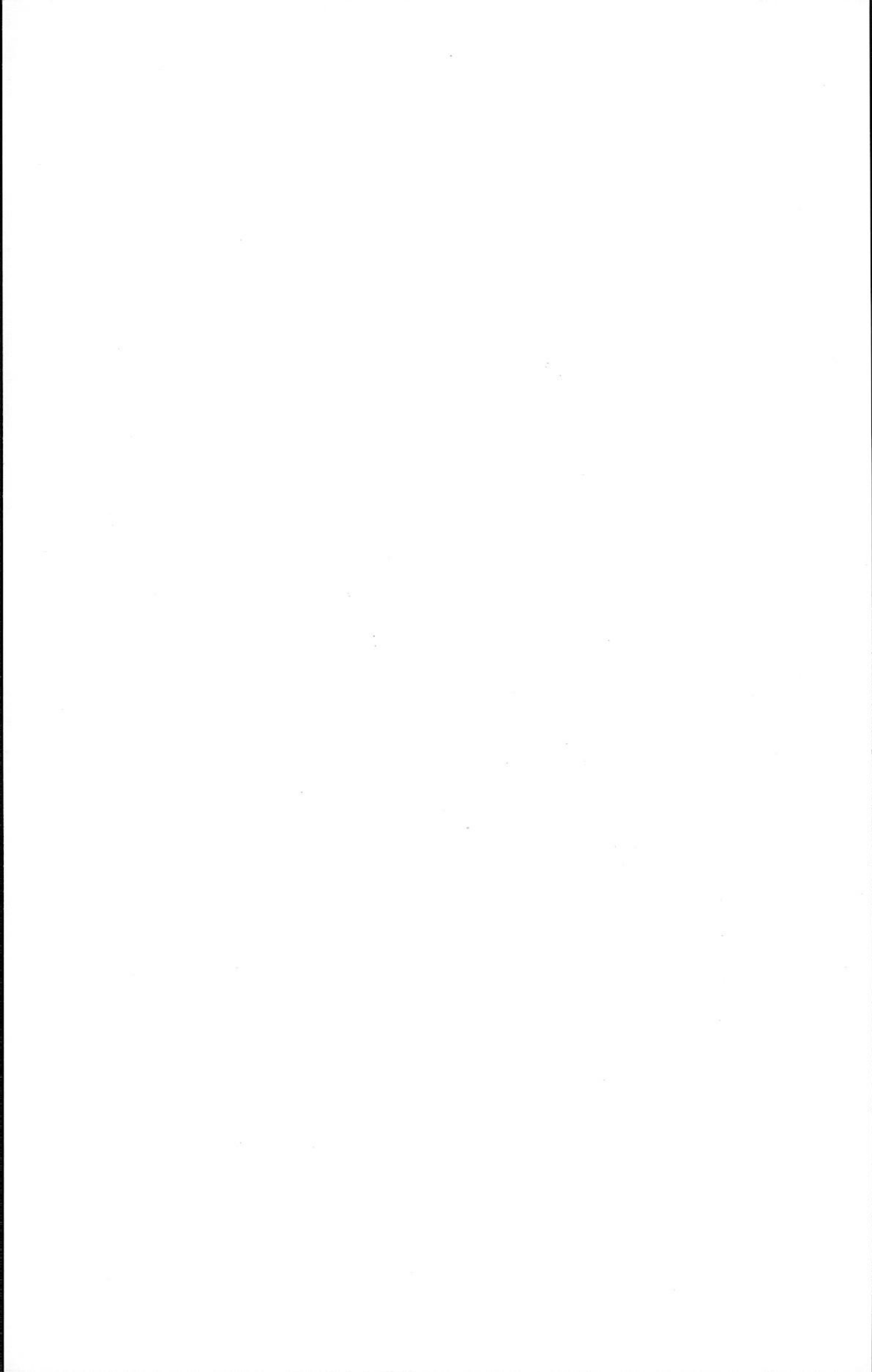
Kon. Nederl. Meteorol. Instituut

De Bilt, Netherlands

M. Siebert

Geophysikalisches Institut

Göttingen, Germany



LIST OF OBSERVATORIES
Arranged according to geographic latitude

Symbols		Observatory	Collaborator	Geographic		Geomagnetic	
new	old			Lat.	Long.	Lat.	Long.
NP13	NP13	North Pole 13		+--° --'	---° --'	+--° --'	---° --'
BT	BT	Baya Tikhaya (O. Cheisa)	Koptev	+80 20	52 48	+71.5	153.3
CC	CC	Cape Chelyuskin	Solokov	+77 43	104 17	+65.9	176.5
TH	Th	Thule	K. Lassen	+77 29	290 50	+89.0	358.0
RB	RB	Resolute Bay	R. G. Madill	+74 41	265 10	+83.0	289.6
B4	B4	Bear Island	Steinar Berger	+74 31	19 01	+71.1	124.0
DI	Di	Dikson	Blagoechin	+73 33	80 34	+63.0	161.6
MS	MS	Matoshkin Shar	N. D. Medvedev	+73 16	56 24	+64.8	146.5
TI	Ti	Tiksy	Dolgich	+71 35	129 00	+60.4	191.4
PB	PB	Point Barrow	Terrence L. Hardiman	+71 18	203 15	+68.5	241.1
TR	Tr	Tromsø	Steinar Berger	+69 40	18 57	+67.2	116.8
GO	Go	Godhavn	K. Lassen	+69 14	306 29	+79.9	32.5
MM	Mm	Murmansk	M. I. Pudovkin	+68 15	33 05	+63.5	126.2
KI	Ki	Kiruna	N. Ambolt	+67 50	20 25	+65.3	115.8
SO	So	Sodankylä	E. Kataja	+67 22	26 38	+63.8	120.0
WE	We	Welen	Razin	+66 10	190 10	+61.8	237.1
CO	Co	College	John B. Townshend	+64 52	212 10	+64.6	256.5
BL	Bl	Baker Lake	R. G. Madill	+64 20	263 58	+73.8	315.2
RY	Li	Leirvogur		+64 11	338 18	+70.2	289.0
SR	Sr	Srednikan	N. W. Savangeewa	+62 26	152 19	+53.2	210.6
YK	YK	Yellowknife		+62 24	245 36	+69.0	293.3
DO	Do	Dombås	G. Gjellestad	+62 04	9 07	+62.3	100.1
YA	Ya	Yakutsk	A. A. Danilov	+62 01	129 40	+51.0	193.8
NU	Nu	Nurmijärvi	M. Kivinen	+60 30	24 39	+57.8	112.6
LE	Le	Lerwick	B. R. Leaton	+60 08	358 49	+62.5	88.6
MG	MG	Magadan	N. P. Poddelsky	+60 07	151 01	+50.5	210.1
LN	Ln	Leningrad		+59 57	30 42	+56.2	117.4
LO	Lo	Lovö	F. Eleman	+59 21	17 50	+58.1	105.8
SI	Si	Sitka	Robert J. Main, Jr.	+57 04	224 40	+60.0	275.4
SV	Sv	Sverdlovsk	T. N. Panov	+56 44	61 04	+48.5	140.7
TM	Tm	Tomsk	O. K. Gordeew	+56 28	84 56	+45.9	159.6
RS	RS	Rude Sköv	A. Lundbak	+55 51	12 27	+55.8	98.5
KN	Kn	Kazan	M. F. Monachova	+55 50	48 51	+49.3	130.4
MO	Mo	Moskva	W. N. Bodrov	+55 28	37 19	+50.8	120.5
ES	Es	Eskdalmuir	B. R. Leaton	+55 19	356 48	+58.5	82.9
ME	Me	Meanook	Anne B. Cook	+54 37	246 34	+61.8	301.0
HL	Hl	Helu	W. Czystek	+54 36	18 48	+53.5	103.7
MN	Mn	Minsk	M. S. Babuchnikov	+54 04	27 08	+50.6	113.8
ST	St	Stonyhurst	J. E. Worthy S. J.	+53 51	357 32	+56.9	82.7
WN	Wn	Wingst	O. Meyer	+53 44	9 04	+54.5	94.0
WI	Wi	Witteveen	D. van Sabben	+52 49	6 40	+54.2	91.0
IR	Ir	Irkutsk	W. S. Pirozjkov	+52 10	104 27	+41.0	176.9
SW	Sw	Swider	Z. Kalinowska	+52 07	21 15	+50.6	104.6
NI	Ni	Niemegk	A. Grafe	+52 04	12 40	+52.2	96.3
VL	Vl	Valentia	S. Mc Williams	+51 56	349 15	+56.6	73.4
BE	Be	Belsk	J. Marianiuk	+51 50	20 48	+50.4	104.0
GT	Gt	Göttingen	M. Siebert	+51 33	9 58	+52.3	93.7
CM	Cm	Collnberg	B. Tittel	+51 19	13 00	+51.5	96.5
HA	Ha	Hartland	H. F. Finch	+51 00	355 31	+54.6	79.0
KV	Kv	Kiev	A. S. Jaworskij	+50 43	30 18	+47.3	112.2
MA	Ma	Manhay	L. Koenigsfeld	+50 18	5 41	+52.0	88.8
DB	Db	Dourbes	A. de Vuyst	+50 06	4 36	+51.7	88.7
RA	Ra	Racibórz	W. Krański	+50 05	18 11	-	-
PR	Pr	Pruhonice	V. Bucha	+49 59	14 32	+49.9	97.3
LV	Lw	Lvov	W. M. Litinskij	+49 54	23 45	+48.0	105.8

LIST OF OBSERVATORIES - continued
Arranged according to geographic latitude

Symbols		Observatory	Collaborator	Geographic		Geomagnetic	
new	old			Lat.	Long.	Lat.	Long.
KD	KD	Karaganda		+49° 49'	73° 05'	+40.0	148.4°
BV	Bu	Budkov	J. Bouška	+49 04	14 01	+49.1	96.2
VI	Vi	Victoria	B. Caner	+48 31	236 35	+54.3	292.7
FU	Fü	Fürstentfeldbruck	K. Wienert	+48 10	11 17	+48.8	93.3
CF	CF	Chambon-la-Forêt	J. P. le Mouel	+48 01	2 16	+50.4	83.9
HB	Hb	Hurbanovo	S. Pintér	+47 54	18 12	+47.1	99.8
UB	UB	Ulan Bator		+47 51	103 03	+36.4	173.4
NA	Na	Nantes	O. Noblanc	+47 15	358 27	+50.5	80.1
SA	Sa	Yushno-Sakhalinsk	I. N. Petrov	+46 57	142 43	+36.9	206.7
TY	Ty	Tihany		+46 54	17 53	+46.4	99.1
OD	Od	Odessa	A. I. Storosjinskij	+46 47	30 53	+43.8	111.1
KK	KK	Novo Kazalinsk		+45 46	62 07	+39.9	138.6
SU	Su	Surlari		+44 41	26 15	+42.5	106.0
GC	Gc	Grocka	M. Stojković	+44 38	20 46	+43.6	100.9
RT	RT	Roburent	M. Giorgi	+44 18	7 53	+45.8	88.5
MT	Mb	Memambetsu	T. Yoshimatsu	+43 55	144 12	+34.0	208.4
AG	Ag	Agincourt	A. A. Onhauser	+43 47	280 44	+55.0	347.0
VK	Wl	Vladivostok	S. A. Negaev	+43 41	132 10	+33.0	198.0
AT	At	Alma Ata		+43 16	77 23	+33.4	152.0
LG	Lg	Logroño	T. Miguel Lafuente	+42 27	357 30	+46.1	77.0
AQ	Aq	Aquila	F. Molina	+42 23	13 19	+42.9	92.9
TF	Tf	Tbilisi (Tiflis)	N. A. Katziachwili	+42 05	44 42	+36.7	122.1
TK	Tk	Tashkent	M. G. Antzilevitch	+41 25	69 12	+32.4	143.7
MD	Md	Maddalena	M. Giorgi	+41 13	9 24	+42.7	88.5
IK	IK	Istanbul-Kandilli	O. N. Sipahioğlu	+41 04	29 04	+38.5	107.5
EB	Eb	Ebro	J. O. Cardus	+40 49	0 30	+43.9	79.7
CI	Ci	Coimbra	V. Seica	+40 13	351 35	+44.8	71.3
TL	Tl	Toledo	L. de Miguel	+39 53	355 57	+43.6	75.7
ON	On	Onagawa		+38 36	141 28	+28.4	206.7
FR	Fr	Fredericksburg	R. Kuberry	+38 12	282 38	+49.6	349.8
PE	Pe	Pendeli	A. Stavrou	+38 03	23 52	+36.2	102.0
GI	Gi	Gibilmanna	M. Georgi	+37 59	14 01	+38.5	92.2
AK	Ak	Ashkabad	W. G. Dubrovskij	+37 57	58 06	+30.5	133.4
SM	SM	San Miguel	H. Amorim Ferreira	+37 46	334 21	+45.6	50.9
AE	Ae	Almeria		+36 51	357 32	+40.4	76.6
SF	SF	San Fernando		+36 28	353 48	+41.0	71.3
KA	Ka	Kakioka	T. Yoshimatsu	+36 14	140 11	+26.0	206.0
TP	Ti	Teheran Iran (Persia)	H. K. Afshar	+35 44	51 23	+29.3	126.4
KS	Ks	Ksara	J. Delpeut S. J.	+33 50	35 54	+30.4	112.0
SS	Ss	Simosato		+33 34	135. 56	+23.0	202.4
DS	DS	Dallas	Lavon Posey	+32 59	96 45	+43.0	327.7
AS	As	Aso	Y. Tamura	+32 53	131 01	+22.1	198.1
TU	Tu	Tuscon	Clyde J. Beers	+32 15	249 10	+40.4	312.2
KY	Ky	Kanoya	T. Yoshimatsu	+31 25	130 53	+20.5	198.1
QU	Qu	Quetta	S. A. A. Kazmi	+30 11	66 57	+21.6	139.7
HE	He	Helwan	M. Fahim	+29 52	31 20	+27.2	106.2
ML	Ml	Misallat	M. Fahim	+29 45	30 54	+26.7	105.8
SZ	SZ	Santa Cruz, Tenerife		+28 29	343 45	+35.0	58.6
LP	LP	Lunping	T. V. Miao	+25 00	121 10	+13.8	189.5
TA	Ta	Tamanrasset	B. Lepretre a. o.	+22 48	5 31	+25.4	80.6
HO	Ho	Honolulu	R. C. Munson	+21 19	202 00	+21.1	266.5
TE	Te	Teoloyucan	C. Cañón Amaro	+19 45	260 49	+29.6	327.1
AL	Al	Alibag		+18 38	72 52	+ 9.5	143.6
SJ	SJ	San Juan	M. Vazquez	+18 23	293 53	+29.9	3.2
MB	MB	M'Bour	Hans G. Barszczus	+14 24	343 03	+21.3	55.0

LIST OF OBSERVATORIES - continued
Arranged according to geographic latitude

Symbols		Observatory	Collaborator	Geographic		Geomagnetic	
new	old			Lat.	Long.	Lat.	Long.
MU	Mu	Muntinlupa	Cayetano Palma	+14° 22'	121° 01'	+ 3.0°	189.7°
GU	Gu	Guam	Kendrick Cravens	+13 35	144 52	+ 4.0	212.9
AA	AA	Adis Ababa	E. Cambron	+09 02	38 46	+ 5.3	109.2
KR	Kr	Koror	K. Gravens	+07 20	134 30	- 3.2	203.4
PA	Pa	Paramaribo	D. van Sabben	+05 49	304 47	+17.0	14.5
FQ	Fq	Fdquene	J. del C. Quintero	+05 28	286 16	+16.9	355.1
BA	Ba	Banguai	Leroy	+04 26	18 34	+ 4.6	88.5
MC	Mc	Moca	A. G. Cogollor	+03 21	8 40	+ 5.7	78.6
BN	Bn	Bunia	P. Herrinck	+01 32	30 11	- 0.4	99.3
TT	Tt	Tatuoca	J. A. Ferreira	-01 12	311 29	+ 9.6	20.8
LR	Lr	Lwiro	G. Bonnet	-02 15	28 48	- 4.0	98.2
HN	Hn	Hollandia	D. van Sabben	-02 34	140 31	-12.6	210.3
BI	Bi	Binza	(P. Herrinck G. Lesambo)	-04 23	15 16	- 3.4	83.2
KU	Ku	Kuyper	A. Fatah	-06 02	106 44	-17.5	175.5
TG	TG	Tangerang	R. Susanto	-06 10	106 38	-17.6	175.4
LU	Lu	Luanda	V. S. Moreira	-08 55	13 10	- 7.2	80.5
PM	PM	Port Moresbey	J. A. Brooks	-09 24	147 09	-18.7	218.0
KC	El	Karavia (Congo)	(P. Herrinck G. Lesambo)	-11 39	27 28	-12.7	94.1
HU	Hu	Huancayo	A. A. Giesecke M.	-12 02	284 41	- 0.6	353.8
DA	Da	Darwin	L. S. Prior	-12 20	131 00	-22.0	201.3
AP	Ap	Apia	A. L. Cullington	-13 48	188 14	-16.0	260.2
PP	Pp	Papeete (Tahiti)		-17 34	210 35	-15.3	282.8
TN	Tn	Tananarive	M. Burgaud S. J.	-18 55	47 33	-23.1	112.1
MR	Mr	Mauritius	B. M. Padya	-20 06	57 33	-26.6	122.4
LQ	LQ	La Quiaca	R. P. J. Hernández	-22 06	294 24	-10.6	3.2
VA	Va	Vassouras	L. I. Gama	-22 24	316 21	-11.9	23.9
LM	LM	Lourenço Marques		-25 55	32 35	-27.7	95.8
BR	Br	Brisbane	R. F. Thyer	-27 32	152 55	-35.8	226.9
WA	Wa	Watheroo	P. M. Mc Gregor	-30 19	115 53	-41.8	185.6
PI	Pi	Pilar	R. P. J. Hernández	-31 40	296 07	-20.2	4.0
GN	Gn	Gnangara	P. M. Mc Gregor	-31 47	115 57	-43.2	185.8
HR	Hr	Hermanus	A. M. van Wijk	-34 25	19 14	-33.7	81.7
AC	Ac	Las Acacias	H. A. Hartmann	-35 00	302 19	-24.0	10.3
TO	To	Toolangi	W. D. Parkinson	-37 32	145 28	-46.7	220.8
AM	Am	Amberley	A. L. Cullington	-43 09	172 43	-47.7	252.5
TW	Tw	Trelew	O. A. Pelliccioli	-43 15	294 41	-31.7	3.2
KG	Kg	Kerguelen	R. Schlich	-49 21	70 12	-56.5	127.8
MI	Mi	Maquarie Island	W. D. Parkinson	-54 30	158 57	-60.7	243.0
AR	Ar	Argentine Island	C. N. Horton	-65 15	295 44	-53.8	3.3
OA	Oa	Oasis		-66 06	92 09	-77.2	160.8
WK	Wk	Wilkes	W. D. Parkinson	-66 15	110 35	-77.2	179.2
MY	Mi	Mirny	Kuperov	-66 33	93 00	-77.0	145.6
DU	DU	Dumont d'Urville	R. Schlich	-66 40	140 01	-75.6	230.9
MW	Mw	Mawson	W. D. Parkinson	-67 36	62 53	-73.2	103.1
CT	Ct	Charcot		-69 23	139 01	-78.3	234.5
PO	Po	Pionerskaya		-69 44	95 30	-80.3	146.5
NL	La	Novolazarevskaya	Berezhagin	-70 46	11 49		
BB	BB	Base Baudouin		-70 26	24 19	-69.	63.
HT	Ht	Hallett		-72 19	170 13	-74.7	278.2
HY	HB	Halley Bay	J. C. Farman	-75 31	333 24	-65.8	24.3
SB	SB	Scott Base	A. L. Cullington	-77 51	166 47	-79.0	294.4
LA	LA	Little America	J. J. Gniewek	-78 11	197 50	-74.0	312.0
VO	Vo	Vostok	Baranov	-78 27	106 52	-89.2	92.6
BY	By	Byrd Island		-80 01	240 29	-70.6	336.3
SP	SP	South Pole		-90		-78-5	0.0

LIST OF OBSERVATORIES - continued

Scale Values				Lower Limit K = 9 γ	Range for C = 1
Symbols new old	D γ /mm	H γ /mm	Z γ /mm		
NP13	NP13				
BT	BT			2000	
CC	CC	5.7	10.0	10.0	2500
TH	Th	4.5	8.0	12.5	1000
RB	RB				1500
B4	B4	12.2	17.0	23.0	2000
DI	Di	8.0	12.7	9.7	1500
MS	MS				2500
TI	Ti	4.4	4.6	8.8	1000
PB	PB	16.1	29.7		2500
TR	Tr	4.8	5.3	7.2	2000
GO	Go	9.9	9.5	14.1	1800
MM	MM	3.3	6.7	6.7	2500
KI	Ki	11.5	11.4	11.9	
SO	So	3.0	8.7	9.8	1500
WE	We	1.2	6.7	9.1	1250
CO	Co	3.7	7.8	7.4	2500
BL	BL	2.5	5.7	8.1	2500
RY	Li				
SR	Sr	4.2	3.8	8.3	550
YK	YK				
DO	Do	9.6	8.8	6.4	750
YA	Ya	3.0	5.8	4.4	550
NU	Nu	3.8	7.8	7.4	750
LE	Le	4.0	3.5	4.4	1000
MG	MG	2.5	2.1	1.2	550
LN	Ln	3.8	2.7	3.3	600
LO	Lo	4.4	3.9	5.0	600
SI	Si	4.7	7.0	8.0	1000
SV	Sv	4.6	5.3	8.7	550
TM	Tm	4.0	4.4	5.2	350
RS	RS	4.9	10.0	10.0	600
KN	Kn	3.9	5.3	6.6	550
MO	Mo	1.9	2.1	1.7	550
ES	Es	4.6	4.0	5.8	750
ME	Me	3.6	7.8	10.8	1500
HL	Hl	4.7	4.5	5.7	650
MN	Mn	4.9	4.1	4.4	550
ST	St	4.7	6.1	6.9	600
WN	Wn	4.3	6.1	5.5	500
WI	Wi	9.7	9.5	5.5	500
IR	Ir	5.7	5.5	3.5	350
SW	Sw	3.7	3.8	3.5	500
NI	Ni	2.0	2.0	2.0	500
VL	Vl	4.7	3.8	5.9	500
BE	Be	1.5	1.3	2.0	500
GT	Gt	3.2	3.2	1.6	500
CM	Cm	1.6	1.4	2.0	500
HA	Ha	5.5	4.2	4.6	500
KV	Kv	2.0	2.0	2.1	350
MA	Ma	5.2	1.5	3.9	500
DB	Db	5.5	4.0	3.0	500
RA	Ra				
PR	Pr	2.9	4.5	5.0	500
LV	Lw	5.8	2.7	3.8	550

{Equinox: D 82-245, H 110-330, Z 85-225
{Summer: x 1.55, Winter: x 0.50(roughly)

K = 3 - 7 and sum K = 30 - 40

D 72-215, H 100-300, Z 120-360

45 -200 γ

One or more K's = 3 or 4

No fixed range

14 -42 γ

Generally: sum K = 26 - 45

D: 4' - 12'; H: 14 - 42 γ ; Z: 9 - 27 γ

No fixed range

Sum K: 20 - 30; C_K: 0, 7-1.3; C_S: 0, 8-1.4

D: 4' - 12'; H: 15 - 45 γ ; Z: 7 - 21 γ

No fixed range

Based on K-indices

Upper limit 150 γ

D: 4' - 12'; H: 15 - 45 γ ; Z: 7 - 21 γ

D: 4' - 12'; H: 15 - 45 γ ; Z: 7 - 21 γ

Sum K = 20 - 30

LIST OF OBSERVATORIES - continued

Symbols new old		Scale Values			Lower Limit K = 9 γ	Range for C = 1
		D γ /mm	H γ /mm	Z γ /mm		
KD	KD	1.6	2.2	2.1	350	
BV	Bu		1.2			
VI	Vi	2.7	2.5	3.3	500	
FU	Fu	2.9	2.8		500	
CF	CF	5.7	6.1	2.6	500	No fixed range
HB	Hb	7.5	4.4	4.3	350	
UB	UB	0.9	0.9	0.9	300	
NA	Na	9.5	6.0	6.0	500	
SA	Sa	4.2	3.3	3.8	350	
TY	Ty	5.8	3.6	2.7		
OD	Od	1.3	1.5	1.1	350	100 - 250Y
KK	KK	1.0	1.0	1.0	350	
SU	Su	2.5	1.7	2.4	350	
GC	Gc	3.5	2.7	3.9	350	No fixed range
RT	RT					
MT	Mb	2.6	2.3	2.5	350	About sum K = 15 - 24
AG	Ag	4.0	5.1	6.1	600	24 - 144Y
VK	Wl	4.3	3.9	2.8	300	
AT	At					
LG	Lg	6.0	3.7	5.6	350	Sum K: 15 - 30
AQ	Aq	7.2	4.9	4.4	350	Based on K-indices
TF	Tf	1.0	1.0	0.6	350	
TK	Tk	2.9	2.5	1.3	300	
MD	Md	3.6	3.2	3.1	350	
IK	IK	7.0	4.0	3.0	300	Sum K: 16 - 31 or ≤ 16 and $4 \leq K < 6$
EB	Eb	7.0	3.3	7.0	350	D: 2' - 8'; H: 10 - 60Y; Z: 10 - 50Y
CI	Ci	7.8	3.8	7.7	350	C from Cs
TL	Tl	3.0	4.7	2.5	350	10 - 30Y
ON	On					
FR	Fr	2.8	2.5	2.9	500	Sum K: 23 - 35. Sum a_k : 15 - 50
PE	Pe	7.9	3.9	11.0	300	
GI	Gi	7.4	1.6	1.2	350	
AK	Ak	3.3	1.5	0.6	300	
SM	SM	9.8	4.0	4.5	350	No fixed range
AF	Ae					
SF	SF	5.3	2.7	-	350	About 15 - 85Y
KA	Ka	2.6	2.6	2.7	300	No fixed range, (about sum K: 15 - 24)
TP	Ti	4.1	2.2	3.2	300	21 - 30Y
KS	Ks	8.8	6.0	5.0	300	15 - 45Y
SS	Ss	6.4	2.4	6.4	300	
DS	DS					
AS	As	4.0	2.6	4.7	300	
TU	Tu	3.8	2.9	3.5	350	Sum K about 20 - 40
KY	Ky	2.5	2.5	2.5	300	Sum K about 15 - 24
QU	Qu	5.0	3.0	3.6	300	No fixed range
HE	He	3.7	2.6	3.0	300	10 - 30Y
ML	Ml	3.9	2.4	2.2	300	
SZ	SZ					
LP	LP	2.5	2.4	1.9	300	
TA	Ta	9.0	4.4	2.8	300	20 - 60Y
HO	Ho	4.1	2.8	2.4	300	Sum a_k : 80 - 400
TE	Te	8.7	3.0	4.0	300	Sum K = 17 - 27
AL	Al	-	4.4	-	300	
SJ	SJ	4.0	2.1	5.1	300	Sum K: 14 - 30
MB	MB	8.1	6.6	6.3	350	

LIST OF OBSERVATORIES - continued

Scale Values					Lower Limit K = 9 Y	Range for C = 1
Symbols new old	D Y/mm	H Y/mm	Z Y/mm			
MU	Mu	11.3	4.1	3.6	300	
GU	Gu	5.2	2.6	2.8	300	About sum K = 25 - 40
AA	AA				300	
KR	Kr					
PA	Pa	8.3	6.6	3.8		
FQ	Fq	8.7	3.7	4.5	300	
BA	Ba	8.1	10.0	13.3	300	
MC	Mc	8.0	3.8	1.2	300	19 - 43Y roughly
BN	Bn	7.7	2.0	2.6		
TT	Tt	8.4	3.1	3.7		
LR	Lr	7.6	4.9	1.1	350	20 - 75Y
HN	Hn	5.2	5.0	4.0	300	
BI	Bi	7.8	4.2	2.6		
KU	Ku	10.8	4.0	4.0	300	For comp. H: 15 - 34Y
TG	TG	10.6	4.1	3.4	300	15 - 34Y
LU	Lu	3.6	3.1	6. -	350	No fixed range
PM	PM	4.7	2.8	3.3	300	
KC	El	3.9	4.9	2.0		H: 20 - 100Y
HU	Hu	8.1	3.3	3.6	600	
DA	Da					
AP	Ap	9.3	3.9	3.8	300	
PP	P	5. -	1.7	0.8	350	
TN	Tn	2.9	1.0	2.4	300	About sum K = 16 - 31
MR	Mr	7.6	3.2	8.0	500	No fixed range
LQ	LQ	3.8	3.3	3.0	350	
VA	Va	6.9	4.0	3.0	600	
LM	LM	2.2	3.3	3.1	300	
BR	Br				500	
WA	Wa	7.5	2.7	4.6	350	20 - 35Y
PI	Pi	3.3	3.0	2.9	300	
GN	Gn	7.4	2.6	5.3	350	Sum K: 16 or 18 - 32
HR	Hr	2.0	2.3	4.2	300	Sum a _k : 100 - 300Y, with some additional
AC	Ac	6.0	2.4		350	12 - 50Y (provisions)
TO	To	7.6	4.5	4.4	500	Sum K: 19 - 33
AM	Am	7.2	4.6	3. -	500	No fixed range
TW	Tw	6.0	3.4	4.2	350	No fixed range
KG	Kg	7.8	6.0	2.3	750	
MI	MI	9.0	25. -	21. -	1500	Sum K: 19 - 33
AR	Ar					
OA	Oa	10.6	8.3	18.3	2000	
WK	Wk	27. -	25. -	21. -	2500	Sum K: 19 - 33
MY	Mi	4.5	6.2	10.8	2000	
DU	DU	7.5	8.3	8.1	1800	
MW	Mw	4.6	9.5	10. -	1500	Sum K: 19 - 33
CT	Ct	- . -	- . -	14.3	1500	
PO	Po	10.6	12.1	14.9	2000	
NL	La	7.0	8.2	8.9	1500	
BB	BB					
HT	Ht	19.3	31.4	32.9	2500	
HY	HB	5.4	7.2	6.8	2000	
SB	SB	26.0(Y)	22.0(X)	28.5	2000	No fixed range
LA	LA	- . -	- . -	- . -	2500	
VO	Vo	12.9	9.6	11.4	2000	
BY	By	27.0	24.4	23.2	2500	
SP	SP	31.1	29.3	- . -	2000	

LIST OF OBSERVATORIES - continued

Symbols new	old	Instruments	Ionospheric Station or Radio Service
NP13	NP13		
BT	BT		
CC	CC		
TH	Th	Normal, low sens. + quick run	
RB	RB		
B4	B4		
DI	Di		
MS	MS		
TI	Ti		
PB	PB	Low sens. + quick run	
TR	Tr	Normal sens. + quick run	
GO	Go	Normal, low sens. + quick run	
MM	Mm		
KI	Ki		
SO	So	Normal sens.	Sodankylä
WE	We		
CO	Co	Normal, low sens. + quick run	North Pacific Radio Warning Service (Anchorage)
BL	BL	Normal sens.	
RY	Li		
SR	Sr		
YK	YK		
DO	Do	Normal sens.	
YA	Ya		
NU	Nu	Normal sens. + quick run	Nurmajärvi Ionospheric Station
LE	Le	Normal, low sens. + quick run	Royal Greenwich Obs., Hailsham
MG	MG	Normal sens.	
LN	Ln		
LO	Lo	Normal, low sens. + quick run	
SI	Si	Normal, low sens. + quick run	North Pacific Radio Warning Service (Anchorage)
SV	Sv		
TM	Tm		
RS	RS	Normal, low sens. + quick run	
KN	Kn		
MO	Mo		
ES	Es	Normal, low sens. + quick run	Royal Greenwich Obs., Hailsham
ME	Me	Normal and low sens.	
HL	Hl		
MN	Mn		
ST	St	Normal sens.	
WN	Wn	Normal, dX/dt , dY/dt , dZ/dt , quick run	Max Planck Inst. für Aeronomie, Lindau, Harz Sol. Obs.: Fraunhofer Inst., Freiburg Nederhorst Den Berg Radio (Nera)
WI	Wi	Normal sens. + quick run	
IR	Ir		
SW	Sw	Normal sens.	(Institut, Neustrelitz)
NI	Ni	Normal sens.	Ionosphären Obs. Kühlungsborn; Heinrich-Hertz
VL	Vl	Normal sens. + quick run	Dunsink Astronomical Observatory, Dublin
BE	Be		
GT	Gt	Normal sens., str. var. + puls. recorder	
CM	Cm	Normal sens.	Geophys. Obs. Collm
HA	Ha	Normal, low sens. + quick run	Royal Greenwich Obs., Hailsham
KV	Kv	Normal sens. + quick run	
MA	Ma	Normal sens. + quick run + fluxm. for H	
DB	Db	Normal sens. + quick run	Ion. Station Dourbes
RA	Ra		
PR	Pr	Normal sens.	Ion. Station Panská Ves
LV	Lw		

LIST OF OBSERVATORIES - continued

Symbols new old	Instruments	Ionospheric Station or Radio Service
KD KD		
BV Bu	Quick run for H	
VI Vi	Normal sens.	
FU Fd	Normal sens. + high sens.	Inst. für Ion.-forschung, Lindau
CF CF	Normal sens. + quick run	Obs. Solaire et d'Astrophysique de Meudon
HB Hb	Normal sens.	Ion. Station Panská Ves; Astr. Obs. Ondřejov
UB UB		
NA Na	Normal sens.	
SA Sa		
TY Ty		
OD Od		
KK KK		
SU Su	Normal sens.	
GC Gc		Ion. Obs., Inst. Mihajlo Pupin, Beograd
RT RT	Normal record, 20 mm/h.	Ion. St. S. Alessio, Roma
MT Mb	Normal sens. + high sens.	Radio Res. Lab. Kokubunji
AG Ag	Normal sens.	
VK Wl		
AT At		
LG Lg		Transradio Española, Alcobendas (Madrid)
AQ Aq		Ion. St. S. Alessio, Roma
TF Tf		
TK Tk		
MD Md		
IK IK		None
EB Eb	Normal sens. + quick run	Obs del Ebro; Transradio Española, Alcobendas (Madrid)
CI Ci	Normal sens.	
TL Tl	Normal sens. + quick run	
ON On		
FR Fr	Normal, low sens.	
PE Pe	Normal sens.	Ion. St. of Athens University, Pendeli
GI Gi	Normal sens.	Ion. St. S. Alessio, Roma; Osserv. Astrof. di Arcetri (Firenze)
AK Ak	Normal sens. + quick run	
SM SM	Normal sens. + quick run	
AE Ae		
SF SF	Normal sens.	
KA Ka	Normal sens.	Radio Res. Lab. (Kokubunji)
TP TI		Ion. St. Teheran
KS Ks	Normal sens.	
SS Ss		
DS DS		
AS As		Kanoya Ion. Station
TU Tu	Normal sens.	
KY Ky	Normal sens. + quick run	Radio Res. Lab. (Kokubunji)
QU Qu	Normal sens. + quick run	Ionospheric Station Quetta
HE He	Normal sens.	
ML Ml	Normal sens.	
SZ SZ		
LP LP	Normal sens., 20 mm/h.	Radio Wave Research Laboratory
TA Ta	Normal sens. + dH/dt, dD/dt, quick run	
HO Ho	Normal sens.	
TE Te	Normal sens.	Boulder observatory, Colorado
AL Al	Normal sens. + quick run	
SJ SJ	Normal sens.	
MB MB	Normal sens. + quick run	Station Ionosphérique Dakar-Cambrerene

LIST OF OBSERVATORIES - continued

Symbols new old		Instruments	Ionospheric Station or Radio Service
MU	Mu		Manila Observatory
GU	Gu	Normal sens. + quick run	None
AA	AA	Normal sens. + quick run + fluxm. for D, H	
KR	Kr	Normal sens. + quick run	
PA	Pa	Normal sens.	Ion. and Solar Radio Obs. LTT, Paramaribo
FQ	Fq	Normal sens.	
BA	Ba	Normal sens. + quick run	None
MC	Mc	Normal sens. + quick run	
BN	Bn	Normal sens.	
TT	Tt	Normal sens.	
LR	Lr	Normal sens.	Ion. Station Lwiro, Radio astr. St. Lwiro
HN	Hn		
BI	Bi	Normal sens.	None
KU	Ku		
TG	TG	Ruska normal magnetographs	None
LU	Lu	Normal sens.	
PM	PM	Normal sens. + quick run	Port Moresby Geoph. Obs., Ion. Station
KC	El	Normal sens.	
HU	Hu	Normal sens. + quick run	Inst. Geofisico del Peru
DA	Da		
AP	Ap	Normal sens.	Apia Radio
PP	PP	Normal sens. + fluxmeter for H	
TN	Tn	Normal sens.	
MR	Mr		
LQ	LQ		
VA	Va	Normal sens.	
LM	LM	Normal sens.	
BR	Br		
WA	Wa	normal sens.	
PI	Pi	Normal sens.	
GN	Gn		Ionospheric Station, Mundaring Geoph. Obs.
HR	Hr	Normal sens. + quick run	Hermanus Observatory (riometer, SEA) NITR, Johannesburg (telecommunication) Royal Observatory, Cape Town (heliograph)
AC	Ac	Normal sens. + quick run	
TO	To	Normal sens.	Mundaring Geophysical Observatory
AM	Am	Normal sens.	Godley Head Ionosphere Station
TW	Tw	Normal sens.	Trelew
KG	Kg		
MI	MI	Normal sens.	None
AR	Ar		
OA	Oa		
WK	Wk	Low sens. + quick run	Wilkes Ionospheric Station
MY	Mi	Normal, low sens.	
DU	DU		
MW	Mw		Mawson Ionospheric Station
CT	Ct		
PO	Po		
NL	La		
BB	BB		
HT	Ht		
HY	HB	Low sens. + quick run	
SB	SB	low sens. + quick run	Ion. Station Scott Base
LA	LA		
VO	Vo		
BY	By	Low sens. + quick run	None
SP	SP	Low sens. + quick run	None

TABLE 1a STORM SUDDEN COMMENCEMENTS (S.S.C.'S) 1966

Sudden commencements followed by a magnetic storm or period of storminess. (checked by 63 observatories)

JANUARY

- 07d 15h 01m A: TR SO NU? MA FU OD SU SF LP MU MC TG KG SB - B: LE KN
(00-03) ES WN WI IR VL BE CM HA KV DB RA PR VI AG LG AQ TF EB FR
AK SM QU HO AL SJ GU AA PA TN HR AM - C: DO SI MO HB TL TU
- X: KS AP AC - (si: B: CO; C: MT KA KY) - D: 3.
- 20d 02h 03m A: SO NU HB OD SU LG TF AK SF TE MU GU AA MC TG AP AM - B:
(03-05) TR CO DO LE SI KN MO ES WN WI IR NI VL BE CM HA KV MA DB
RA PR VI FU AG AQ TL FR SM KS TU QU LP HO AL SJ PA TN HR
DU SB - C: MT EB KA KY KG - X: AC.
- 21d 07h 59m A: SO NU SU TG AP - B: WN VL CM MA FU HB LG TF QU LP AL SJ
(58-60) MU GU AA PA AM - C: CO DO LE SI KN ES WI IR BE KV DB PR AG
AQ KS TU HO MC HR? - E: SB - X: SM AC - (si: A: TR OD TE; B: MO
HA RA FR; C: MT EB KA KY DU) - D: 7.

FEBRUARY

- 22d 14h 21m A: SO CM - B: TR NU WN NI BE KV DB PR FU HB QU - C: DO LE SI
(09-26) WI IR MA SU AQ TF SM SF QU AL MU TG HR - E: CO KN KS LP KG
- X: AC - (si: A: OD; B: RA LG TN - pi2: MT KA KY) - D: 21.

MARCH

- 09d 10h 56m A: SO AC - B: DO NU LE OD SU AG LG SF KS QU LP AL MU AA TG
(56-57) AP TN - C: CO KN ES WN WI IR BE CM KV MA DB RA PR FU TF EB
TL FR SM TU HO TE SJ GU MC HR AM - X: PA - (si: B: TR; C: MT
KA KY) - D: 12.
- 19d 02h 08m A: SU TE TG - B: SO CO LE VL FU HB OD AG LG SF QU LP AM - C:
(08-20) NU KN WN WI IR BE CM KV MA RA PR TF FR SM KS TU HO AL SJ
MU GU PA - E: TN KG DU - (pi2: A: AC; B: HA EB TL MC HR; C: MT
KA KY) - D: 13.
- 23d 07h 48m A: SO SU AG SF TE AA TG - B: TR DO NU LE MO WI IR VL CM HA
(45-50) KV MA DB FU HB OD SM QU LP AL TN - C: SI KN ES WN BE RA LG
AQ TF TL TU HO SJ GU AP HR? AM SB - E: CO KG - X: MU PA DU -
(si: A: MC AC; B: PR FR; C: MT KA KY) - D: 5.
- 24d 23h 37m A: SO OD SU SF TE MU AA TG - B: CO NU ES WI CM MA DB FU AG
(36-38) TF SM QU LP AL GU TN - C: LE SI KN WN IR NI BE HA KV PR HB
FR KS TU HO SJ MC? HR? - E: DU - X: PA AP AC AM SB - (si: B: RA
LG; C: MT KA KY - b: B: AQ) - D: 9.
- 26d 09h 58m A: SF TG - B: SO NU WI IR MA HB OD SU QU AL MU AA KG - C: LE
(58-62) KN BE CM KV VI FU AG LG TF TL FR SM KS TU LP HO SJ GU PA - E:
TE TN HR - (si: B: AP; C: RA MT KA KY) - D: 20.
- 27d 19h 35m A: SO CM MA? FU HB SU AG TF SF TE AA AP AC - B: CO NU KN ES
(35-36) WI IR VL BE HA KV DB VI AQ FR AK SM TU LP HO AL SJ MU PA
MC AM - C: TR SI GU HR DU - X: LG TG - (si: A: PR SB; B: WN RA EB
QU TN; C: DO LE MT TL? KA KS KY - b: A: OD) - D: 3.

APRIL

- 01d 12h 37m A: SO MO CM DB VI FU OD SU TF SF TE MU AA MC AP AC - B: TR
(36-38) NU LE SI KN ES WN WI IR NI VL BE HA KV MA RA PR HB AG AQ
EB TL FR SM TU QU LP HO AL SJ GU PA TN HR AM KG SB - C: CO
MT KA KS KY DU - X: LG - (si: C: DO) - D: 2.
- 06d 23h 20m A: SF MU AA - B: SO NU ES WI HA MA? RA VI FU HB SU AG LG FR
(20) QU HO AL TG AP HR AC SB - C: CO LE SI IR BE CM KV AQ TF TL?
SM KS TU LP TE SJ GU PA AM SB - E: DU - (si: A: OD; B: VL MC? TN;
C: KN WN MT EB KA KY - bp: C: HR) - D: 5.
- 13d 03h 44m A: SO - B: OD AG SF QU HO AL MU AA AP TN - C: CO NU LE KN WI
(41-45) IR BE KV MA RA FU HB SU LG FR KS TU LP SJ GU PA MC? HR SB
- X: TG - (si: C: MT KA KY - bp: SM - pi2: B: WN AC) - D: 21.

TABLE 1a STORM SUDDEN COMMENCEMENTS (S.S.C. 'S) 1966 - continued

(APRIL)

- 14d 08h 57m A: SO MU - B: NU HB OD SU TF SF QU AL AP TN - C: TR KN WN WI
(55-57) IR BE CM KV MA RA FU LG AQ FR KS TU LP HO GU PA MC? HR
KG DU - E: CO - X: EB TG - (si: B: AM; C: MT KA KY - bs: C: AC - cr:
AA) - D: 18.
- 20d 06h 06m A: SO MU - B: NU AG SF QU - C: CO LE SI KN WN WI IR BE CM KV
(04-06) DB FU LG FR SM TU LP HO SJ GU PA AP TN HR AM KG SB-X: HB
TF AA TG - (si: C: MT KA KY MC? - pi2: MA) - D: 21.
- 21d 19h 57m A: AG AK SF TE AA - B: NU ES HA DB RA FU HB OD SU LG AQ TF
(57-58) FR SM TU QU LP HO AL SJ MC AP TN - C: SO CO LE SI KN WN WI
IR NI VL BE CM KV MA PR VI EB KS GU PA HR AM - X: TG AC -
(si: C: MT KA KY) - D: 8.

MAY

- 25d 23h 27m A: SO CM MA FU HB OD SU AG LG TF EB FR SF KS TU TE GU AA
(20-28) AP AC - B: DO NU LE KN MO ES WN WI IR NI VL BE HA KV DB RA
PR VI MT AQ TL AK SM KA KY QU LP HO AL SJ MU PA MC TN HR
AM - C: SI AM SB - X: TG - (si: B: TR) - D: 2.
- 31d 03h 42m A: TR SO DB HB SU AG LG FR SF LP MU AA TG AP AC AM - B: CO
(42-43) NU LE SI KN ES WN VI VL HA MA RA VI FU MT TL SM KA TU KY
QU HO AL SJ GU PA MC TN HR KG DU SB - C: DO IR BE KV PR AQ
TF EB - E: CM - X: MO - (si: B: OD) - D: 4.

JUNE

- 23d 09h 22m A: SO OD SF MU - B: TR WI KV FU HB LG TF QU LP TG - C: CO NU
(20-22) LE SI WN IR VL BE CM MA VI SU AG FR SM TU SJ GU PA AP HR
KG - E: TE - X: RA - (si: KN HA EB HO MC TN; C: MT KA KY - bps:
B: AC) - D: 15.
- 24d 13h 55m A: SO NU CM SU TF SF TE MU AA AC - B: LE KN ES WI IR VL BE
(52-56) HA KV MA DB RA VI HB AG AQ TL SM QU LP HO AL SJ PA MC TG
TN KG SB - C: CO SI KS TU GU - X: LG AP - (si: A: MO WN PR FU OD
FR; B: HR; C: DO MT KA KY) - D: 5.

JULY

- 08d 21h 02m A: SO NU WN IR CM MA RA FU SU AG AQ TF SF KS TU LP HO TE
(47-02) SJ MU AA MC TG AC - B: CO LE SI MO ES WI VL BE HA KV DB PR
VI HB LG EB TL FR QU AL GU PA AM SB - C: KN MT KA KY - E:
KG DU - X: AP - (si: A: OD; B: SM; C: TN - bps: HR) - D: 4.
- 11d 15h 43m A: SO OD SU AG - B: NU LE ES WI NI VL HA MA DB PR FU HB LG
(41-45) AQ TF AK SM SF QU LP AL MU AA MC TN AC - C: CO KN WN IR BE
KV VI EB FR TU HO TE SJ GU PA TG HR AM SB - X: CM RA AP KG
(si: B: TR MO; C: MT KA KY) - D: 5.
- 15d 15h 00m A: SO NU MO MA FU HB OD SU LG TF SF MU AC - B: CO LE ES WN
(00) WI IR NI VL BE CM HA KV DB RA PR VI AQ TL AK SM KS QU LP
HO AL MC TG AP TN HR AM - C: TR SI KN MT AG EB FR KA TU
KY SJ GU AA PA SB - (si: B: KG; C: DO) - D: 2.
- 27d 06h 03m A: CO NU VI SU AG FR SF TU LP HO TE SJ MU AA TG AP AC AM
(02-04) - B: TR DO LE SI MO ES WN WI IR VL BE CM MA DB RA PR FU OD
LG AQ TF TL AK SM KS QU AL GU PA MC TN KG DU - C: NI HA KV
HB MT EB KA KY SB - X: SO HR - (si: B: KN).
- 27d 12h 51m A: SU SF AA - B: SO WI IR CM KV DB HB TF KS QU LP AL MU TG
(51-55) AP AM - C: TR NU LE SI ES WN BE AG LG AQ FR SM TU HO SJ GU
PA HR SB - E: TE - (si: A: FU OD; B: MO MA RA EB AC; C: KN HAMT
TL? KA KY MC? TN) - D: 9.

AUGUST

- 03d 09h 51m A: SO NU OD SU - B: LE MO WN WI NI VL CM KV MA RA PR FU HB
(50-52) AG SF QU MU TG AM - C: TR KN IR BE DB VI LG TF SMTU AL GU
PA MC AP SB - E: LP - (si: A: AA AC; B: ES EB TL FR HO SJ HR KG;

TABLE 1a STORM SUDDEN COMMENCEMENTS (S.S.C.'S) 1966 - continued

(AUGUST)

C: HA MT KA KY TN? DU) - D: 7.

29d 13h 15m A: SO CO DO NU LE SI KN MO ES WN IR VL BE CM HA MA DB RA
(10-15) PR VI FU HB OD SU AG LG AQ TF EB TL FR SF KS TU LP HO TE
MU GU AA MC TN HR AC AM KG SB - B: TR WI NI KV MT AK SM KA
KY QU AL SJ PA DU - X: TG AP.

30d 11h 12m A: SO CO NU LE KN MO WN WI IR NI BE CM HA MA DB RA PR VI
(10-14) FU HB OD SU AG LG AQ TF EB TL AK SF KS KY LP HO AL MU AA
MC TG AP TN HR AC AM KG - B: DO SI ES VL KV MT FR SM KA
TU QU GU PA DU - E: SB - (si: B: SJ) - D: 2.

SEPTEMBER

02d 08h 23m A: SO TE MC TG AC - B: CO NU LE KN WI VL MA VI HB OD AG LG
(19-24) FR SM SF TU QU LP HO AL SJ MU AA AP TN HR AM KG - C: DO SI WN
IR NI BE KV DB RA PR FU MT AQ TF EB TL KA KY GU PA SB - E:
DU - X: CM - (si: B: TR; C: ES) - D: 5.

03d 04h 41m A: SO HB SU LG SF - B: NU WI? NI MA FU QU LP - C: LE KN MO WN
(39-41) VL BE KV DB MT AG AL AA PA TG KG - E: CO SI CM SM TU TE MU
AP AM SB - (si: A: OD; B: TR HA RA PR AQ EB FR KS HO SJ GU MC
TN DU; C: KA KY HR AC) - D: 7.

06d 03h 03m A: AG FR - B: TU SJ - C: SO LE SI WN BE CM KV VI SU LG SF QU
(02-03) HO AL MU PA TG SB - E: CO NU LP TE KG - (si: A: AC - bp: SM -
pi2: B: RA EB HR; C: FU? MT KA KY) - D: 27.

14d 15h 11m A: SO NU CM MA FU OD SU AG SF LP HO AP AM - B: TR CO DO LE
(05-13) SI ES WN WI IR VL BE HA KV DB PR VI LG AQ TL FR SM TU QU
AL SJ MU GU PA HR DU SB - C: KN MO HB MT TF EB KA KY KG -
X: AA TG - (si: MC? TN; B: KS; C: AC MC - bps: B: RA) - D: 2.

19d 02h 51m A: SO CM MA DB FU OD SU TF SF LP TE AA MA AM KG - B: NU LE
(51-54) MO ES WN WI NI VL BE HA KV PR VI HB AG LG AQ EB TL FR KS
TU QU HO AL SJ GU PA TG AP TN HR - C: TR DO KN AK MU - X:
RA - (si: B: CO SI SM AC DU; C: MT KA KY) - D: 2.

23d 08h 56m A: SO NU SI MO WN IR CM MA DB RA VI FU OD SU AG LG TF FR
(54-58) AK SM SF KS TU LP HO TE AL SJ MU GU AA MC TG AP TN HR AC
AM KG - B: CO DO LE KN ES WI VL HA PR HB MT AQ TL KA KY
QU PA DU - X: BE KV - D: 4.

OCTOBER

04d 13h 14m A: SF - B: VL MA FU HB OD SU LG QU - C: TR CO NU? LE KN ES
(21-25) WI IR BE KV DB RA AG TF EB TL SM KS LP AL MU PA TG SB -
E: CM - (si: C: MT KA KY) - D: 26.

19d 09h 54m A: SO NU MO CM MA VI FU OD AG LG TF SM SF KS TE MU MC TG
(52-55) AP HR AC AM KG SB - B: TR DO LE SI KN ES WN WI IR NI VL BE
HA KV DB RA PR HB SU MT AQ EB TL FR AK KA TU KY QU LP HO
AL SJ GU AA PA TN DU - C: CO.

23d 15h 01m A: TG AC - B: NU ES SM QU AL MU AP TN AM - C: SO LE SI KN WN
(01-03) WI IR VL BE KV MA DB VI FU? OD SU LG FR LP HO SJ GU PA MC
HR SB - (si: B: KS; C: CO MT KA KY KG - bps: AA) - D: 19.

NOVEMBER

17d 00h 17m A: NU OD SU AG LG TF SF AA AP AC AM - B: SO CO ES WN WI NI
(15-17) HA KV MA DB RA PR VI FU HB AQ EB TL SM TU QU LP HO TE AL
SJ MU GU PA MC TN HR DU - C: DO LE SI KN IR VL BE AK KS KG
- X: CM FR TG SB - (si: C: MT KA KY) - D: 2.

17d 17h 20m A: NU MA FU OD SU SF AA SB - B: TR SO CO LE MO ES WN WI IR
(18-21) VL BE CM HA KV DB RA PR VI HB AG LG AQ TF EB FR AK KS QU
LP HO TE AL SJ MU PA MC AP HR AM DU - C: KN NI TU KG - X: SM
TG AC - (si: A: TN; B: SI GU; C: MT KA KY) - D: 2.

18d 11h 01m A: SF AA - B: MA DB AG SM QU AL MU AP AM SB - C: TR SO CO NU
(55-01)

TABLE 1a STORM SUDDEN COMMENCEMENTS (S.S.C. 'S) 1966 - continued

(NOVEMBER)

LE SI KN ES WN WI IR VL BE CM KV RA FU HB OD SU LG TF TL
FR KS TU LP HO TE SJ GU MC HR - X: PA TG AC - (si: B: TN; C: MT
KA KY - bp: EB? - pg: KG) - D: 9.

25d 13h 39m A: SO SF MU AC - B: CO NU SI IR NI CM HA MA DB RA FU HB OD
(36-40) SU AG LG AQ TF EB TL AK SM TU QU LP HO AL SJ GU PA MC AP
TN HR AM KG - C: LE KN ES WN WI BE KV VI FR KS TE AA SB - X:
TG - (si: B: TR VL DU; C: MT KA KY) - D: 3.

DECEMBER

13d 01h 09m A: HB OD SF TE TG - B: WI MA DB FU SU AG LG TF SM QU LP AL
(04-10) MU AA PA MC AP TN HR AC AM DU SB - C: CO NU LE SI KN IR NI
CM HA KV PR MT AQ TL FR KA TU KY HO SJ GU KG - X: KS - (b:
C: RA) - D: 11.

14d 12h 25m A: SO OD SU SF KS AA AC - B: NU IR KV DB RA FU HB AG LG AQ
(23-25) QU LP AL PA MC TG TN HR - C: TR CO LE KN WI VL CM HA MA
TF EB TL FR HO SJ MU GU - E: SM TE AM KG DU - (si: B: AP; C: MT
KA KY) - D: 12.

22d 04h 41m SO CO DB FU HB OD SU TF AK SF LP MU AA MC TG AP AC AM - B:
(39-41) NU LE MO ES WN WI VL BE CM KV MA RA VI AG AQ EB TL FR SM
TU QU HO AL SJ GU PA TN HR KG - C: DO SI KN IR HA LG KS SB -
(si: A: PR; B: TR DU; C: MT KA KY) - D: 2.

TABLE 1b NOT CHECKED STORM SUDDEN COMMENCEMENTS (S.S.C.'S) 1966JANUARY

22d 05h 01m (00-03) B: LG IK - C: MA TL MC - (si: A: TE - pi2: NI - pc5: C: ES).

FEBRUARY

03d 05h 58m (57-60) B: ME AG - (pi2: C: TU - pc5: A: TE).
 03d 13h 18m (15-21) B: TR HB - (si: C: HR - bp: A: TF).
 19d 11h 00m (53-02) A: TA - B: PR? HB LG GN - C: VL QU PP.
 19d 11h 13m (13-14) A: SF - C: MB.

MARCH

08d 10h 16m (10-20) A: CO - C: TK - (pc4: A: TE).
 09d 20h 31m (30-33) B: TR SO.
 13d 01h 29m (28-30) B: QU LM - C: GU - (b: B: HU).
 13d 06h 00m (00) B: IR AG - (pi2: C: TU - pc5: A: TE).
 13d 12h 04m (04-05) B: PR - C: WN.
 13d 13h 51m (51-52) B: CI - C: VL.
 17d 18h 04m (02-06) B: LG TA - C: TC - (si: B: KS).
 28d 08h 20m (20-21) A: TA - C: TR - (sfe: TK).

APRIL

13d 07h 56m (55-60) A: SF - C: VL TA - (pi2: A: SI).

MAY

08d 09h 56m (50-60) B: TR SO QU TE - C: MA HB? MB? MC BI - (si: HL - bp: C: PM HU - bps: C: AP - pi2: C: HO - pc5: B: TE).
 30d 19h 13m (12-14) C: TP MB MC LU - (si: C: PP).

JUNE

02d 02h 36m (31-39) C: TL AE - (si: HL).
 05d 12h 15m (09-18) C: SU TF - (cr: TL).
 23d 05h 32m (30-35) B: HL QU.
 23d 07h 49m (48-50) B: IR SM.
 24d 08h 44m (44-45) B: OD - C: TF.

JULY

07d 21h 56m (52-60) B: LU PP? - C: TL? AE LM - (si: HL).

AUGUST

08d 07h 37m (32-40) B: LG - C: GU PP? - (si: B: BI TN - b: B: HU).
 10d 09h 19m (12-29) B: OD TF LU - (si: A: TE).
 18d 11h 43m (42-47) A: SF - B: HL - C: VL HB? TF - (si: B: LG).
 23d 07h 15m (10-19) C: VL TL? - (bs: A: IR).

SEPTEMBER

03d 10h 30m (21-48) A: TA - B: SW BE CF - C: MT PE KA KY LU LM - (si: A: TE AC - B: MC - pi2: SJ).

OCTOBER

03d 04h 24m (23-26) B: SM - C: ES AE PM.
 24d 02h 16m (15-18) B: TF - C: SU AE - (si: C: TK LU).
 24d 08h 27m (25-30) B: HB? - C: TF.
 30d 10h 59m (56-62) B: HB? CI TA - C: GU.

NOVEMBER

12d 00h 50m (48-51) C: HB? AK - (si: KS - sfe: OD).
 26d 01h 21m (18-22) B: CO TO - C: VI GU AP PP?

TABLE 1b NOT CHECKED STORM SUDDEN COMMENCEMENTS (S.S.C.'S) 1966

DECEMBER

04d 06h 07m (44-10) A: TF - B: IR VL QU TA GU - C: MT KA KY LU PM PP TN -
 (si: HL).
 04d 07h 46m (42-49) A: SF - B: AE - (si: A: MC - pg: B: LE).
 14d 10h 48m (42-53) B: VL CI - (si: B: LU).
 26d 06h 02m (01-02) B: CI - C: WN TL.

TABLE 2a BAYS AND PULSATIONS 1966

Commencements of bays or pulsational disturbances associated with bays. Stations where other kinds of disturbances appeared are included in parentheses.

Note. It is not quite certain that the list of bays and pulsational disturbances is complete, as it may be that a bay or train of pulsations has been selected by the observatories out of a great many similar disturbances which all occurred on the same day. Caution should therefore be observed if the list is used for statistical purposes.

JANUARY

01d 01h 47m	(45-50) bps: B: AG - pi2: B: LM.
01d 18h 25m	(25-26) bp: B: SO NU; C: KV? - pi2: A: LM; B: ES NI MA.
02d 01h 01m	(54-10) b: B: HU - bp: B: IK LU.
02d 01h 44m	(30-58) b: A: SF; B: AE - bp: A: CI TC; B: LE ES ST WN NI VL MA DB PR CF OD AQ EB TL FR SM MB MC - bps: B: LG TA - pi2: A: LM; B: PE - pc5: A: TE - (ssc: B: QU).
02d 16h 10m	(09-12) bp: B: SO; C: MT KA KY - pi2: A: TF.
02d 19h 53m	(41-57) b: A: SF - bp: A: NU; B: ES WN NI VL MA PR FU CF OD AQ EB; C: LZ - bps: B: SO DO HB - pi2: B: TP - (si: B: TR).
02d 20h 50m	(45-55) bp: B: VL KV? CF EB TL PE; C: WN - bps: B: SO LG - pi2: A: TF; B: MA TP; C: CM - pc4: B: TW.
03d 00h 52m	(40-56) b: B: NU TC MB - bs: A: LU - bp: A: PR OD; B: SO LE ES ST WN NI VL MA DB CF HB LG AQ EB CI TL PE SM AE TA MC; C: HR - bps: B: FU.
03d 01h 56m	(54-58) bp: B: MO; C: KV? SU.
03d 16h 24m	(21-25) bp: B: SO OD TK; C: MT KA KY PM - pi2: A: TF WN; B: LM.
03d 16h 44m	(40-48) bps: B: IR - (si: B: LG).
04d 19h 14m	(14) bp: A: TC HR.
04d 19h 44m	(26-55) b: A: SU SF MB TN; B: AK - bs: A: KS - bp: A: ST NI KV? LG IK EB CI TE TP MC; B: ES WI CM CF SM; C: MT KA KY - bps: A: NU MO WN VL MA DB PR HB AQ TA QU; B: MA PR FU TL AE - pi2: A: LU - (ssc: A: SO; C: TF - si: A: OD TK; B: TR).
05d 00h 06m	(04-08) bp: B: SM MC - (si: B: TC).
05d 20h 43m	(40-49) bp: B: HU - pi2: B: NI MA OD AQ TF EB TN; C: CM - (ssc: B: SO).
05d 21h 38m	(36-40) bp: B: VL LG; C: KV? TF - pi2: B: TN.
06d 00h 14m	(05-17) bp: B: SO VL CF LG AQ EB CI SM MB; C: ES HB AE MC - pi2: B: PE.
06d 21h 13m	(12-14) bp: B: SO - pi2: B: PE.
06d 22h 01m	(56-05) bp: B: SO VL CF OD LG EB; C: KV? - pi2: A: MA TW; B: ST CM AQ IK PE HU; C: HO - pc4: B: WI CI.
09d 00h 12m	(03-17) b: A: SF; B: DB - bs: A: SO - bp: B: WN WI VL PR CF HB OD EB CI TL; C: TF - bps: B: ES; C: CM.
09d 21h 15m	(03-23) b: A: SF LU; B: AK - bs: A: KS - bp: A: LG TF CI MC LM HR; B: WI NI DB CF HB AQ TK TL QU TN - bps: A: NU TA; B: WN VL MA FU OD EB - pi2: C: TI HO - (ssc: A: SO).
09d 21h 36m	(35-39) bs: C: MB - bp: B: SM.
10d 19h 41m	(30-54) bp: A: NU; B: VL KV? CF TF TK TP QU; C: WN HB EB MC - pi2: A: LM; B: ST TW; C: MT KA KY HU - pc4: B: CO.
10d 23h 42m	(40-44) bp: B: VL MA CF; C: EB - bps: B: SO - pi2: B: AQ; C: LM - (si: B: LG).
13d 16h 15m	(04-24) bp: C: PM - pi2: B: TF LM; C: MT TK KA KY.
13d 20h 21m	(20-23) bps: B: SO - pi2: B: PE.
14d 15h 37m	(35-42) bps: B: GN - pi2: A: MT TK KA KY GU; B: HO TO.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(JANUARY)

17d 23h 07m	(02-10) b: A: SF - bp: B: LG EB; C: MC.
15d 14h 49m	(48-49) bp: C: MT KA KY - bps: B: GN.
15d 20h 15m	(06-18) bps: B: SO - pi2: A: TK; B: OD AQ TF HU LM TW.
19d 07h 13m	(11-14) bp: A: TE; B: HU; C: VI - (ssc: B: ME AG).
20d 13h 09m	(09) bp: C: MT KA KY.
20d 13h 36m	(33-40) b: B: IR - bps: B: MO; C: TF.
20d 17h 02m	(00-07) b: A: KV?; B: MB; C: HR - bp: A: MT KA KY; B: MA HB-bps: A: MO; B: TF - pi2: B: LM - (si: A: OD).
20d 19h 50m	(45-66) b: A: SU - bs: A: NU IR MB - bp: A: PE; B: ES KV? MA DB CF EB; C: MT KA KY HR - bps: A: MO WN NI HB TF IK ; B: VL PR LG TL AE - (ssc: B: QU - si: A: OD TK).
20d 23h 35m	(34-35) bp: B: MA CF; C: EB.
21d 01h 59m	(59-60) b: A: SJ HU; B: MB - (ssc: A: TC).
21d 14h 04m	(02-10) bp: B: HB TF; C: MT KA KY - bps: A: MO - (si: B: OD).
21d 18h 14m	(00-36) b: A: SU EB PE MB; B: ES AE HR - bs: A: NU WN IR VL PR KS - bp: B: MA MT KA KY; C: WK - bps: A: MO NI DB HB TF; B: FU TL - (si: A: OD TK).
21d 22h 42m	(30-51) bp: B: MO CF TF - bps: B: LG - pi2: EB - (si: A: TE - sfe: IR).
22d 05h 46m	(34-56) b: B: MB TN? - bps: A: AG TE; B: FR - (ssc: A: TA LU; B: TF - si: A: SF AM; C: HU).
22d 14h 00m	(49-17) bp: A: TF; B: MA MT KA KY WK - bps: MO NI; B: WN DB PR HB - (si: A: OD; B: VL).
22d 20h 03m	(58-15) bs: A: SO - bp: B: CF EB MW; C: AE - bps: B: WN PR - pi2; B: MA.
22d 20h 50m	(50-..) bp: B: KV? EB.
23d 01h 43m	(41-45) b: A: LU; C: HR.
23d 06h 03m	(58-05) bp: A: TE; B: VI HU - bps: A: AG - pi2: A: SI; B: FR; C: TU.
23d 14h 12m	(12) bp: C: MT KA KY.
23d 18h 39m	(35-47) bp: B: EB; C: AE - pi2: C: MT KA KY LM.
23d 18h 55m	(51-66) b: A: SU PE SF - bs: A: SO - bp: A: MO TF; B: KV? MA DB CF IK CI AK TP TC LU - bps: A: NU OD TK; B: WN IR VL FU HB LG TL; C: CM.
23d 22h 16m	(15-17) bp: B: CF - pi2: B: PE.
24d 15h 56m	(56) bp: C: MT KA KY - (si: B: OD).
24d 16h 12m	(10-20) bp: A: SO; B: MO IR; C: LZ.
24d 16h 51m	(45-54) bp: B: IR TF - pc4: A: SI.
24d 21h 50m	(49-53) BS: B: SO - bp: A: NU; B: WN VL MA PR LG; C: KV?
25d 07h 36m	(36) bp: B: TO - pi2: C: HU.
25d 15h 23m	(03-40) b: B: SU - bp: A: SO PR MT KA KY LU; B: MO WN NI MA DB FU HB TF TK IK EB CI QU LM; C: LZ TC - bps: A: TO - pi2: C: CM - (si: B: OD SM).
25d 15h 55m	(55) bp: B: KV? - bps: A: IR.
26d 11h 48m	(40-52) bp: B: MT KA KY - pc4: B: HO.
26d 17h 37m	(35-42) bp: B: VL PR LG; C: WN - bps: TC - pi2: C: CM - (ssc: A: SO).
26d 18h 00m	(55-06) b: B: IR - bp: B: TF; C: KV?
26d 22h 47m	(40-51) b: A: TA; C: AE - bp: A: SO LG; B: WN PR CF EB PE LU; C: KV? HR - bps: B: ES.
29d 17h 09m	(03-15) b: A: MO - bp: A: SO NU; B: KV? CF OD; C: LZ TK - pi2: A: TF; B: ST EB LM; C: MT KA KY - pc5: B: ES.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(JANUARY)

31d 21h 35m (30-37) bps: B; SO - pi2: A; PE; B; AQ TF EB LM; C: CM HU - (si: B; TR).

FEBRUARY

01d 01h 09m (09-10) bp: C; EB - pc4: C; LM.
 02d 17h 37m (30-40) b: A; MO - bp: C; LZ HB TK.
 02d 18h 42m (42) bp: C; KV? - pi2: PE.
 03d 10h 55m (54-55) bps: C; VI - pc5: A; TE - (ssc: A; CO).
 03d 13h 40m (38-50) bp: B; PM GN TO; C: LZ MT KA KY - pi2: B; HO.
 03d 14h 15m (15) bp: B; IR; C: KV?
 03d 19h 57m (54-60) b: B; MB - bp: A; SU HR.
 03d 20h 33m (25-37) b: A; PE MC - bs: A; IK - bp: A; MA; B: WI CF LG EB QU LM; C: CM AE - bps: A; NU WN VL PR; B: NU ES DB FU HB TL - (ssc: A; SO - si: A; OD TN).
 03d 21h 25m (20-30) b: B; IR - bp: B; KV? - pi2: B; EB - pc5: A; CO.
 04d 00h 52m (38-60) b: B; SM LU; C: AE - bs: C; MB - bp: A; CI; B: CF LG EB TL MC - bps: B; VL AG - pi2: B; PE.
 04d 19h 44m (44-45) bp: B; VL; C: EB - (ssc: B; SO).
 04d 20h 24m (19-28) b: A; SF - bs: A; KS - bp: B; ES MA DB CF SU LG AQ EB TL PE SM AE TP TA MC HR; C: HB TF - bps: B; CM FU.
 05d 04h 36m (29-40) bp: B; TF TE - pi2: B; TW.
 05d 09h 08m 07-12) bp: B; TE; C: MT KA KY - bps: A; AG AP AM; C: VI - pc4: B; TE.
 05d 11h 58m (50-70) b: A; TP - bp: A; TF AP; B: MT AG TK KA KY TO; C: KV? - pi2: A; SI.
 05d 20h 20m (06-32) b: A; PE LU - bs: A; KS - bp: A; NU WN PR HB SU Tk CI AK TP TC; B: ES NI MA DB CF AQ EB QU MC LM HR - bps: B; MO CM FU LG TF TL - (si: B; OD TN).
 05d 22h 00m (59-02) b: C; TC - bp: B; MC; C: KV?
 06d 12h 18m (12-24) bp: B; TO; C: TF - pi2: C: MT KA KY.
 06d 18h 33m (30-36) b: B; NU - bp: A; TF; C: KV?
 06d 19h 00m (59-02) bp: C; WN EB - pi2: B; NI CI TK TA.
 06d 19h 18m (18) bp: C; KV? - pi2: C: TF.
 06d 21h 15m (15) bp: C; WN KV?
 07d 20h 41m (32-50) b: A; SF - bs: B; KS - bp: A; TF IK AK; B: ES WI MA DB CF PE AE TA; C: EB TP QU MC TN - bps: A; SO NU LE WN OD; B: DO NI VL CM PR FU HB LG AQ TK TL; C: IR - pi2: B: ST TW; C: HU - (si: B; TR).
 07d 21h 36m (35-39) bp: B; KV? CF; C: LG EB MC - pi2: B; PE; C: MB.
 08d 14h 01m (00-10) bp: B; TK PM TO - bps: B; IR - pi2: A; TW; B: MA KA KY HU GN; C: MT.
 09d 21h 25m (16-28) bs: B; KS - bp: C: KV? - pi2: A; LG TF; B: NI MA CF AQ PE MB HU TN LM; C: TK - (si: B; ES).
 10d 21h 29m (18-37) bs: A; NU - bp: B; LZ ES WN WI VL KV? MA DB PR CF HB OD LG AQ EB PE TP LM; C: HR - bps: B; CM FU - pi2: MB LM - (ssc: A; SO; B: TR).
 11d 00h 26m (25-27) bp: B; CF - pi2: A; MB TW; C: LM.
 11d 01h 41m (40-42) bp: B; CF - pi2: A; TW; B: PE; C: MB.
 11d 14h 10m (00-15) bp: B; GN; C: LZ - pi2: B; MT KA KY HO - (sfe: TN).
 11d 14h 40m (40) bp: C; KV? - bps: A; IR.
 11d 21h 21m (20-23) bp: C; EB - (ssc: B; SO).

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(FEBRUARY)

11d 21h 40m	(40)	bp: B: VL CF.
13d 02h 10m	(00-25)	bp: A: CI LU; B: CF MC; C: MA MB - bps: B: EB HU - pi2: A: LM TW; B: PE TA; C: CM.
13d 02h 39m	(37-41)	b: A: SF - bp: B: LG.
13d 17h 51m	(51)	bp: C: KV? - pi2: B: LM.
14d 10h 44m	(41-47)	bps: B: CO - pi2: B: HO PP TO.
14d 16h 47m	(39-50)	bp: B: GN; C: KV? MT KA KY QU PM - pi2: B: OD TF TK LM TW.
16d 00h 37m	(33-40)	bp: B: CF CI SM LU; C: EB - pi2: B: AQ PE; C: MB.
16d 06h 26m	(23-30)	bp: B: AG; C: VI.
16d 22h 31m	(25-40)	b: A: SF - bp: A: NU OD; B: SO ES VL MA FU CF LG AQ IK EB TC TA MB MC; C: WN KV? HB PE AE TP - bps: B: LE SI - pi2: B: NI CM TF LM; C: ST - (si: B: TR).
16d 23h 20m	(19-20)	bp: B: ES VL CF; C: EB MC - bps: B: LG - pi2: B: NI AQ PE MB.
17d 13h 24m	(22-25)	bp: B: PM TO; C: MT KA KY - bps: B: AM.
17d 19h 38m	(33-50)	b: A: PE - bp: A: NU TK; B: SO WN MA PR FU CF OD AQ TF TK TL TP MC; C: MT EB KA KY QU - bps: B: CM - pi2: B: ST TN LM.
17d 20h 30m	(28-32)	b: A: PE - bp: B: SO WN VL KV? PR FU CF AQ EB; C: TP - bps: B: LG.
18d 04h 37m	(35-40)	bps: B: HU; C: AG - pc4: B: FR - pc5: B: TE.
18d 06h 26m	(24-30)	bp: A: SJ - pi2: C: PP? - pc5: A: TE - pc4+pc5: B: TW.
18d 23h 32m	(29-36)	bp: B: VL - pi2: B: EB PE TN; C: MB.
18d 23h 57m	(50-60)	bp: B: MA CF AQ IK EB MC; C: HB AE KY? MB.
19d 06h 16m	(05-30)	bp: A: ME; C: VI - bps: B: HU - pi2: A: HO; B: TF AM; C: TU - pc4: A: PP; B: FR - pc5: A: TE - pc4+pc5: A: TW.
19d 19h 08m	(08)	bp: B: KV? - pi2: B: ES.
19d 20h 05m	(05)	bs: B: IR - bp: B: KV?
20d 01h 00m	(00)	bs: B: ES - bp: B: VL.
20d 12h 55m	(55)	bp: C: KV? - bps: B: IR.
20d 16h 24m	(22-30)	bp: C: IR - pi2: A: LM; B: MT KA KY; C: TF.
20d 17h 11m	(11)	bp: B: SO; C: KV?
20d 18h 24m	(21-27)	bp: B: TF; C: WN.
20d 19h 15m	(15)	bp: B: MO; C: KV?
20d 21h 59m	(59-60)	bp: B: SO - pi2: B: ES CF.
21d 08h 28m	(27-30)	bps: A: CO - pi2: C: HO.
21d 11h 37m	(36-39)	bs: A: CO - bp: C: AP.
22d 01h 41m	(40-46)	b: B: LU HU; C: TP - (ssc: B: PP - si: C: TC).
22d 13h 54m	(54)	bp: C: MT KA KY.
22d 18h 23m	(20-24)	bp: C: KV? MT TF KA KY.
22d 22h 23m	(15-30)	b: A: SF; B: MB - bs: B: VL - bp: B: CF AE - bps: B: TL.
23d 15h 08m	(08)	bp: C: MT KA KY.
23d 16h 45m	(45)	bp: C: KV? - bps: B: IR.
23d 19h 32m	(25-35)	bp: B: VL CF - pi2: B: ES.
23d 20h 12m	(10-14)	b: A: SF; B: MB - bp: B: KV? LG; C: MT KA KY - bps: A: TK TP; B: WN IR PR HB EB.
23d 21h 50m	(47-54)	bp: B: CF - pi2: B: WI.
24d 07h 03m	(00-08)	bp: C: MT KA KY - bps: A: AG AP; B: PP - pc4: A: TE.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(FEBRUARY)

24d 11h 37m	(32-42) bps: A: AP; B: MT KA KY PM AM - pi2: A: HO - (si: B: TO).
24d 18h 49m	(40-62) b: A: VL SF TC; B: ES - bs: A: NU KS - bp: A: WN PR HB SU CI; B: ST KV? MA DB CF TF AE TP - bps: B: MO NI TL - (si: B: OD).
25d 01h 22m	(19-25) b: A: CI - pi2: B: PE.
25d 14h 58m	(57-60) bps: C: PM - pc4: B: LM.
25d 17h 00m	(52-08) bp: B: SO WN VL PR TL TP; C: KV? HB - bps: C: CM.
25d 18h 03m	(00-05) b: B: WN - bp: B: PR; C: TP.
25d 22h 00m	(52-02) b: B: AE - bp: B: SO WN VL MA CF AQ EB MC; C: KV? - bps: A: LG CI; B: ES; C: TL - pi2: B: MB; C: CM.
25d 22h 31m	(30-32) bp: B: CF SM.
26d 20h 00m	(00) bp: C: KV? - pi2: B: TF.
27d 00h 53m	(55-58) bp: B: CF - pi2: A: LG EB CI; B: AQ MB LU.
27d 09h 33m	(30-36) bp: A: AP; B: HO PP - pc4: B: TE.

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01d 03h 22m	(20-26) bp: C: EB - pi2: B: SM - pc4: B: CI LU - pc5: A: TE.
01d 04h 09m	(08-10) bp: a: SJ; C: EB - bps: B: HU.
02d 01h 12m	(57-28) bp: B: MC; C: TC - pi2: B: NI MA AQ EB PE MB LM - pc4: B: CI LU
02d 02h 21m	(19-24) bp: B: VL CF - pi2: A: MB LM; B: ES NI AQ PE SM; C: HU - pc4: A: CI - pc5: B: LU.
03d 01h 05m	(57-12) bp: B: VL CF LG SM; C: EB - pi2: A: MB; B: ST PE TP BI LM; C: HU - pc4: B: NI - pc5: B: LU.
03d 01h 27m	(25-28) bp: C: EB - pi2: B: ES AQ - pc4: B: CI.
03d 09h 34m	(25-47) bp: A: TE; B: PM; C: VI - bps: B: AG; C: IR - pi2: A: HO - pc4: B: ES - (ssc: B: TC; C: HB? TK - si: C: PP?).
03d 21h 28m	(27-29) bp: B: MA CF - pi2: A: LG; B: ES NI EB PE LM - (ssc: B: SO).
04d 00h 17m	(10-27) b: A: SF; B: TA - bp: A: MC LU; B: ES VL MA CF HB OD LG AQ EB CI PE SM AE TC MB HR; C: KV? - pi2: C: LM.
04d 20h 00m	(00) bp: C: LZ - pi2: B: BI LM.
04d 21h 09m	(03-25) b: A: MO AK SF; B: NU - bs: A: SO KS - bp: A: WN VL PR OD SU TF TK IK TC; B: ES ST WI IR KV? MA DB FU CF HB LG AQ EB PE AE QU MB WK; C: MT MC - bps: A: TP; B: LE CM TL.
05d 19h 36m	(33-40) bp: B: SO OD - pi2: B: TF TK TP; C: HU - pc4: B: CO - pi2+pc4: B: TW.
05d 20h 37m	(28-42) bp: A: IK; B: CF LG; C: WN KV EB - bps: A: SO - pi2: A: TK - B: ES NI CM MA AQ PE TP TA HO; C: TF MB.
05d 23h 34m	(28-46) bp: B: ES LG; C: EB MC - pi2: B: MA OD AQ PE MB; C: LM - pc4: B: CO?
06d 09h 38m	(36-40) bp: C: PP - pi2: B: HO.
06d 11h 31m	(30-31) bp: C: PM - pi2: C: MT KA KY.
06d 12h 23m	(22-24) b: A: AK - (sfe: TK).
06d 23h 27m	(14-30) bp: B: ES VL CF LG IK EB; C: MC - pi2: B: ST MA AQ TF PE TA; C: CM MB LM - pc4: B: LU.
07d 00h 41m	(40-43) bp: B: CF SM; C: KV? - pi2: B: PE MB TW; C: HU - pc4: B: LU.
07d 01h 05m	(05-06) bp: B: ES VL - pi2: A: MB - pc4: B: CI LU.
07d 13h 27m	(15-35) bp: B: TO; C: PM - pi2: B: OD MT TK KA KY HO GN.
08d 07h 00m	(00) bp: B: AP - bps: B: HU.
08d 19h 01m	(00-03) bp: B: SO; C: KV? - pi2: B: TF TK TP TN?; C: MT KY.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(MARCH)

09d 22h 02m	(00-04) bp: B: VL LG - bps: B: ES.
09d 22h 51m	(50-52) bp: B: CF - pi2: B: MB.
09d 23h 30m	(30) bp: C: KV? HR.
10d 00h 13m	(10-18) bp: A: CI TC; B: CF EB TL AE MC; C: WN TF MB - pi2: B: PE - (si: A: LU).
10d 12h 50m	(50) bp: A: CO - pi2: C: MT KA KY.
10d 21h 52m	(42-60) bp: B: CF OD AQ EB MC; C: KV? - bps: B: LG - pi2: B: MA TK PE TP MB.
11d 01h 38m	(20-55) bp: A: TC; B: CF CI MC TW - bps: B: AG - pi2: A: MB; B: MA AQ PE TN.
11d 21h 34m	(27-40) bp: A: LU; B: LG EB MC - bps: B: ES AG - pi2: C: CM.
11d 23h 25m	(00-32) bp: A: TC; B: SO ES WN KV? MA DB PR CF OD AQ TF TK EB CI PE TP QU TW; C: SU MC HR - bps: B: VL FU - pi2: A: MB; B: NI LM.
12d 23h 27m	(24-30) b: A: SF - bps: B: TL.
13d 15h 20m	(15-22) bp: B: PM - bps: B: AP - pi2: C: MT KA KY.
13d 21h 39m	(30-45) bs: B: VL - bp: A: SU HR; B: CF EB MC; C: TF - bps: A: MA LG - (ssc: B: WI TA; C: TL - si: A: PR; B: LE ES ST WN).
13d 22h 06m	(05-08) bp: B: KV? - bps: A: MO; B: IR.
14d 11h 05m	(02-13) bs: B: IR - bp: B: MT KA; C: KY HR - (si: B: LG).
14d 14h 11m	(03-23) b: A: SF - bs: A: ES; B: VL - bp: B: NI MT EB KA KY QU; C: TF HR - bps: A: MO WN IR PR; B: MA - (si: A: OD).
15d 03h 13m	(12-14) bp: C: EB - bps: B: AG TL.
15d 21h 03m	(54-22) b: B: IK; C: TA - bs: B: PE - bp: B: SO ES VL MA CF LG EB MC; C: WN KV? AE HR - bps: B: OD TL BI - pi2: B: NI; C: CM LM.
16d 00h 19m	(17-21) b: A: SF; B: LG IK - bs: B: PE - bp: B: MA CF HR; C: AE TA - bps: B: ES WN VL EB TL MC; C: MB.
16d 03h 25m	(22-27) bp: B: ES VL EB BI; C: WN TA MC - bps: A: CI LU; B: MB - C: HR - pi2: B: LM.
17d 22h 59m	(58-60) bp: B: ES CF; C: KV? - bps: B: VL MA BI - pi2: A: EB MB; B: NI CM AQ PE LM.
19d 15h 00m	(56-05) bps: B: IR - pi2: C: KA BI - pc5: A: SI?
19d 18h 27m	(17-40) b: A: NU ES AQ PE SF; B: MB - bs: A: KS - bp: A: NI?; B: WI MA DB CF TF CI QU BI - bps: A: AE; B: MO WN VL FU HB LG TL AE - pc4: B: FR - (si: A: OD; B: TK).
19d 22h 15m	b: A: NU SF KS; B: MB; C: TA - bs: B: AG - bp: A: WN NI PR HB LG AQ TF EB PE TE LU HR; B: ES WI VL MA DB CF CI QU; C: KV? - bps: FU TL AE BI.
20d 01h 04m	(03-05) b: C: HU - bp: B: HR.
20d 01h 20m	(20) bp: B: BI - bps: B: AG - pi2: C: MB.
20d 15h 45m	(41-50) bp: B: OD PM; C: MT KA KY - bps: B: IR.
20d 19h 16m	(15-17) bp: B: MA OD - bps: B: SO - pi2: B: LM - (si: B: TR).
20d 19h 39m	(38-40) bp: C: MC - pi2: B: TF EB TP.
20d 19h 56m	(52-60) bp: C: KV? - bps: C: AE - pi2: C: CM.
21d 21h 51m	(45-54) b: A: PE - pi2: C: TU - (ssc: C: TF - si: B: LG - sfe: IR).
21d 22h 46m	(40-49) bp: B: SO MA CF OD AQ PE TP MC BI HR; C: WN - bps: A: LG; B: LE ES VL EB TL MB.
22d 14h 41m	(40-43) bps: B: BI - (ssc: B: TA).
22d 16h 05m	(04-05) bps: B: BI - (ssc: B: MB; C: PP?).
23d 11h 12m	(10-15) bps: B: IR - pc4: B: BI.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

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23d 18h 03m	(55-13) b: C: MB - bp: B: TL - bps: B: BI - (si: B: ES).
23d 18h 35m	(25-46) b: A: MB - bp: A: MC HR; B: CF TL QU; C: KV? - bps: A: MO - (si: A: OD).
26d 12h 02m	(00-05) bp: B: HR - bps: B: IR - pi2: B: HO - pc4: A: SI?
27d 01h 08m	(04-10) bp: C: EB TL BI - pi2: B: MB.
27d 11h 14m	(10-18) bp: C: AP - pc4: C: HO.
27d 23h 23m	(20-28) bp: B: ES MA EB BI - pi2: C: LM.
28d 00h ..m	(..) bp: C: KV - pc5: A: SI.
28d 06h 25m	(24-27) bp: A: TE SJ HU - bps: B: AG.
28d 14h 36m	(36) bp: B: MT KA KY.
28d 15h 00m	(52-08) bp: A: WN PR; B: QU - bps: A: MO HB?; B: IR - (si: A: OD).
28d 19h 01m	(55-06) bp: B: CF - bps: B: BI; C: WN - pi2: A: ES - (si: A: OD TE; B: PP).
28d 19h 30m	(21-36) bp: B: KV? CF - bps: A: MO; B: TL - (ssc: A: TC).
28d 19h 59m	(55-70) bp: A: HR; B: KV? MT CI KA KY WK - bps: A: MB MC; B: CF TL QU - (si: A: PR IK; B: WN LM).
29d 03h 09m	(05-12) b: B: MB; C: PP - bs: A: HU - bps: B: AG.
30d 13h 40m	(39-41) bp: B: PM TO - pi2: A: CO; B: HO; C: MT KA KY.
30d 20h 39m	(36-40) bs: B: SO - bp: A: NU; B: WN MA PR CF OD TI; C: KV? HB-bps: B: DO - pi2: B: NU; C: TK LM.
30d 21h 13m	(11-15) bp: B: EB; C: KV? MC - pi2: B: NI.
31d 00h 53m	(49-55) b: C: MB - bp: B: SM HR; C: MC - bps: B: AG.

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01d 13h 28m	(25-34) bp: B: IR WK - pi2: B: MT KA KY.
01d 20h 49m	(45-53) bp: B: MA DB CF HB EB TL QU HR WK; C: KV? - bps: A: MO WN NI PR.
02d 05h 08m	(06-10) b: A: HU - bp: A: TE SJ.
02d 11h 00m	(00) bp: A: AM; C: PP.
02d 19h 34m	(24-48) b: B: HL - bp: B: VL PR; C: WN CM TF EB - pi2: BI.
03d 00h 16m	(15-17) bp: C: BI - pi2: B: CF MB LM - pc4: B: CI.
03d 02h 20m	(20) bp: C: HR - bps: C: BI - pc4: C: LM.
03d 02h 39m	(38-40) bp: C: EB - bps: B: AG - pi2: C: MB.
03d 02h 56m	(55-59) bp: B: CI HU - pi2: B: MB.
03d 12h 06m	(03-08) bp: B: PM TO - pi2: C: MT KA KY.
03d 14h 44m	(35-47) bp: B: OD GN TO; C: MT KA KY - bps: C: PM.
03d 15h 02m	(01-05) bp: B: IR TK; C: KV? - bps: B: PM.
03d 20h 50m	(49-50) bp: B: BI - pi2: B: NI AQ - (si: B: ES).
03d 21h 33m	(28-42) b: A: PE; B: HL - bp: A: OD; B: ES VL MA CF LG IK EB TL MC; C: WN TF QU HR - bps: B: CM - pi2: B: TI; C: TK.
04d 00h 02m	(50-08) b: A: OD PE MC; B: ES SW TC BI - bp: B: LG SM; C: HR.
04d 04h 03m	(00-05) bp: C: EB - pi2: A: FR; B: MB; C: HU LM.
04d 20h 14m	(09-19) b: B: HL SW - bs: A: SO - bp: B: MO ES WI BE MA PR CF OD TF TK IK EB; C: WN KV? PE TP QU BI - bps: A: NU; B: DO NI LM - pi2: B: AQ; C: CM HU - (ssc: B: TR; C: HB?).
04d 21h 05m	(00-07) bs: C: SU - bp: B: SO LE MA DB PR FU AQ IK EB TA TC MC; C: PE MB HR - bps: A: ES VL; B: CF BI; C: WN AE - pi2: C: HU - (si: B: TR).
05d 08h 14m	(13-15) bs: A: CO - pi2: B: HO.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(APRIL)

05d 18h 51m	(48-55) bp: B: SO - pi2: A: TK QU; B: MA TF BI LM; C: CM.
05d 19h 40m	(36-50) bs: B: DO - bp: A: NU; B: SO WI PR CF OD TF IK; C: WN PE - pi2: A: LG TK; B: NI CM AQ TI BI; C: TA MB - pc4: B: TE.
05d 20h 46m	(40-48) bp: A: NU; B: SO ES WN VL KV? MA PR CF HB OD LG AQ BI; C: PE QU MC - pi2: B: TK; C: CM MB.
05d 21h 04m	(03-05) bp: B: KV? LG - bps: B: LU.
06d 01h 26m	(25-27) bp: B: CF LG SM; C: MC BI - pi2: B: MA MB; C: LM.
07d 00h 06m	(46-15) bp: B: SW MA PR CF TL SM HU - bps: B: VL CI AE MC BI - pi2: B: NI AQ EB MB LM; C: CM - pc4: B: SI.
07d 01h 11m	(08-14) bp: C: KV? - bps: B: HL TP - pi2: B: MA CF.
07d 03h 42m	(40-44) bs: B: HU - bp: A: TE; C: PP.
07d 19h 32m	(36-43) b: A: PE; B: BE - bp: A: HB OD SU; B: SO HL WN WI MA PR FU CF TF TP QU BI; C: CM EB - pi2: B: NI TK LM.
08d 02h 07m	(03-12) b: C: HU - bp: A: TE - pi2: B: MA CF EB.
08d 04h 13m	(12-15) bs: C: HU - bp: A: TE - bps: B: AG.
08d 21h 22m	(07-45) b: A: CI PE SF; B: SW BE - bp: A: ES WN PR; B: MO WI NI VL MA CF OD SU LG TF EB TL QU BI LM; C: HB HR - bps: B: CM TP - pi2: A: FR HO MB; B: ST AQ CI HU; C: MT.
10d 01h 03m	(00-05) bp: B: SM; C: BI - pi2: B: CF AQ PE; C: MB.
10d 06h 19m	(18-20) bp: B: TE; C: HU.
10d 12h 23m	(21-25) bp: B: TO - bps: A: CO; B: PM - pi2: B: MT KA KY BI PP GN - pc4: B: HO.
10d 17h 58m	(50-72) b: A: PR CI PE SF; B: NU ES HL WN SW BE AE QU - bp: A: SO OD SU TF TK; B: LE WI IR MA DB HB MT EB TL KA TP KY TC LM GN HR TO; C: KV? PM - bps: A: MO - pi2: B: BI.
12d 08h 12m	(11-12) bp: C: PP - bps: A: CO - pc4: A: TE.
13d 14h 00m	(00) bps: B: PM - pi2: B: MT KA KY.
13d 21h 59m	(51-68) b: B: SW IK MB - bp: B: OD; C: KV? TF.
14d 16h 20m	(18-25) bs: B: IR - bp: C: TF - (si: B: LG).
14d 21h 13m	(12-14) bp: A: NU; B: CF; C: EB - bps: A: SO - pi2: B: AQ BI LM - (si: B: TR).
14d 23h 35m	(20-63) b: A: PE SF; B: HL IK - bp: A: HB OD CI MC; B: NU ES ST WN WI SW VL KV? MA DB PR CF AQ EB AE TC MB BI HR - bps: A: SO; B: FU LG - pi2: A: NI LM; B: CM.
16d 23h 25m	(23-27) bp: B: CF - pi2: A: LG; B: AQ MB - pc4: B: CI.
18d 02h 06m	(00-10) bp: B: CF SM; C: EB MC - pi2: B: MB; C: HU.
21d 01h 16m	(10-19) bp: B: CF; C: BI - pi2: A: LG; B: MA AQ PE MB; C: FR - pc4: B: CI.
21d 01h 33m	(32-35) bp: B: SM; C: EB MC.
22d 00h 00m	(00) bp: B: CF BI HR; C: KV? - pi2: B: MA; C: LM - (si: C: TN).
22d 16h 03m	(01-09) bp: B: TF; C: KV? MT KA KY.
23d 06h 50m	(50-51) bp: A: TE - bps: B: PP - pc4: C: CO.
23d 15h 02m	(00-05) bp: B: TR - pcc4: B: FR.
24d 23h 35m	(30-40) bp: B: VL CF LG; C: EB AE MC BI HR - bps: B: ES.
26d 19h 30m	(10-16) bp: B: SO CF - pi2: A: TF TK QU; B: CM OD EB PE TP HO LM; C: HU.
28d 17h 51m	(44-60) bp: B: KV? TK QU WK; C: IR - pi2: B: AQ TP; C: TF.
29d 02h 22m	(16-33) bp: B: VL CI SM; C: MC BI - pi2: B: LM; C: FR MB.
29d 13h 45m	(44-46) bs: C: PM - bps: B: TO - (ssc: C: GU).

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(APRIL)

29d 19h 10m (08-18) bp: B: SO NU IR TK; C: HR - pi2: B: ES TF.
 29d 19h 39m (38-40) bp: B: ES MA PR CF GN; C: WN EB - bps: A: SO - pi2: B: BI LM
 - (ssc: B: TR HB).
 29d 20h 00m (00) bp: B: TF WK.
 29d 20h 58m (58) b: C: IR - bp: C: KV?
 30d 07h 05m (05) bps: B: HU - pi2: A: HO.
 30d 21h 05m (58-07) b: B: NU HL SW BE; C: TC - bp: B: SO ES CF OD; C: EB HR.
 30d 21h 58m (58-59) bp: B: EB BI.

MAY

01d 05h 02m (54-07) bp: B: A: SJ TE HU; B: ES; C: VI TF HR - bps: B: AG - pi2: C: PP.
 01d 08h 46m (44-47) bps: C: BI HU - pi2: A: HO; B: PP - pc4: B: TE.
 01d 15h 06m (00-11) b: C: PP - bp: A: AM; B: PM AP GN TO; C: TF - pi2: C: MT KA
 KY.
 02d 00h 19m (04-30) b: C: EB - bp: A: HB; B: VL MA CF LG IK; C: ST PE - bps: B:
 BI - pi2: B: ES NI CM AQ TF MB HU LM - pc4: B: CI.
 02d 01h 02m (56-10) b: B: HL SW - bp: B: ES BE OD SU EB PE SM TP; C: KV?
 02d 05h 40m (36-48) b: B: HU; C: PP - bp: A: TE - bps: B: AG.
 02d 17h 06m (05-08) bp: C: EB MC - bps: B: BI - pi2: B: ES OD TF TK.
 02d 17h 20m (20) bp: B: MA; C: TL - (ssc: B: SO).
 02d 20h 18m (09-28) b: A: PR; B: ES - bs: B: SO; C: WN - bp: B: VL MA FU HB OD TK
 EB TL TP QU BI; C: TF MC - bps: C: CM.
 03d 20h 50m (40-54) bp: B: MA; C: BI - pi2: B: ES CF OD EB.
 03d 22h 35m (29-40) bp: B: OD BI; C: TL - (ssc: C: TF).
 04d 00h 21m (19-23) b: B: HL OD.
 04d 10h 09m (08-10) b: C: PP - bp: C: AP - pi2: B: HO.
 04d 17h 36m (34-39) bp: B: QU - pi2: B: LM.
 04d 17h 58m (50-67) bp: B: MA OD TF EB BI; C: KV? MC HR.
 04d 22h 00m (00) bp: A: OD; C: HR.
 04d 22h 17m (12-20) bp: B: CF EB BI; C: TL MC - pi2: B: ES; C: MB.
 04d 23h 40m (40) bs: B: KS - bp: C: KV?
 05d 05h 52m (51-53) bp: B: HU - pi2: A: CO; B: LM; C: MB - pc5: B: TE.
 05d 12h 06m (05-06) bp: C: PM - pi2: C: MT KY.
 05d 18h 15m (43-30) b: A: PE SF; B: WI SW; C: TN - bs: B: IR KS - bp: A: NU PR OD
 TF; B: WN NI BE MA DB EB TL AK BI LM; C: KV? SU MC HR - bps:
 A: SO HB; B: MO FU TK TP QU; C: CM - pi2: C: MT KY - (si: B: TR).
 05d 21h 45m (45-46) bp: B: BI; C: EB HR.
 06d 03h 59m (58-60) b: A: SJ; B: HU - bp: A: TE - bps: B: AG.
 06d 06h 10m (08-11) bs: B: HU PP - bps: A: AG TE.
 06d 21h 01m (00-02) bp: B: BI; C: MC.
 07d 10h 51m (50-54) bp: C: PM - pi2: B: MT KA KY GU BI GN TO; C: HU.
 07d 11h 17m (15-21) bp: B: PM TO - bps: A: CO AP; B: AM.
 07d 21h 19m (15-24) b: B: HL SW - bs: B: KS - bp: A: NU WN OD TF IK; B: ES WI NI
 VL BE KV? MA DB FU CF LG AQ EB PE AK QU MC BI TN; C: ST
 TP - bps: A: SU; B: DO LE CM PR TK LM; C: HR.
 08d 20h 44m (39-47) B: B: TN - bp: A: NU OD; B: WN WI BE MA PR CF AQ TF
 TK TP QU BI; C: EB HR - pi2: B: NI LM; C: CM MT TA HU - (ssc:
 A: SO).

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(MAY)

09d 05h 16m	(03-25) bp: C: VI HU - bps: B: AG; C: PP - pi2: A: SI FR; B: ES HO LM; C: TU KY - pc4: A: TE.
09d 06h 03m	(54-12) bp: A: TE; C: VI - bps: B: AG; C: HU PP - (si: HL).
10d 10h 42m	(39-54) b: C: TP HU - bp: B: IR OD - bps: C: AP - (ssc: C: WI GU - si: B: KS BI; C: MC PP - sfc: SO IK).
11d 22h 10m	(57-20) b: B: SW; C: MB? - bp: B: VL KV? MA PR CF TL BI; C: EB - pi2: B: TF LM - pc4: B: LU - (ssc: C: TF).
12d 19h 37m	(30-45) bp: VL CF HB AQ; C: EB - bps: B: PR - pi2: A: TK; B: MA TF BI TN LM.
12d 23h 01m	(00-06) bp: B: CF - pi2: A: LG MB; B: ES OD AG EB FR BI LU LM; C: TU - pc4: A: CI - pc5: A: TE.
13d 00h 00m	(57-03) bp: B: EB TC - pi2: A: MB; C: LU HU.
13d 08h 07m	(00-18) bp: A: TE; B: TO - pi2: B: AG; C: PP.
13d 15h 30m	(25-31) b: B: OD TF; C: TC - (si: B: TR BE CM).
16d 20h 01m	(50-03) bp: B: VL CF OD IK EB; C: WN KV? HR - bps: B: PR - pi2: A: CM TK; B: MA AQ BI LM; C: TF TA - (ssc: A: TR SO).
17d 02h 20m	(13-27) b: A: SF; B: ES - bp: A: SJ; B: VL EB CI SM MC BI HR; C: TL - bps: B: AG HU - pi2: B: CF MB LM; C: FR.
17d 08h 30m	(27-32) bp: C: PP - pi2: A: CO; B: SI; C: HO - pc4: A: TE.
17d 17h 15m	(13-17) bp: A: SO GN; B: OD TK TP QU; C: KV? EB - pi2: A: NI MA; B: CM CF AQ PE MB TN LM; C: MT KA KY TA HU - pc4: B: WI - pc5: B: TE - (ssc: B: TR).
17d 21h 30m	(20-32) b: A: SF - bs: A: SO; B: HL - bp: A: OD; B: VL MA PR CF LG AQ TL PE MC BI LU LM; C: WN TP TC - bps: B: ES - pi2: B: MB; C: TA.
18d 00h 08m	(04-10) bp: B: VL PR CI SM MC BI; C: WN EB TL - bps: B: AG.
18d 21h 06m	(05-07) bp: B: CF; C: KV? EB.
19d 19h 08m	(00-12) bp: C: BI HR - pi2: B: ES OD LM.
19d 19h 45m	(37-50) bp: B: MA CF - bps: B: BI - pi2: A: LG; B: AQ EB PE HO; C: CM TF TK
20d 20h 07m	(05-08) bp: B: OD - pi2: B: MA TF; C: LM - (ssc: B: SO).
20d 20h 47m	(45-50) b: B: SW - bp: B: MA CF HR.
20d 21h 30m	(21-35) bs: B: HL - bp: B: KV? WK; C: TF TP - (si: A: LG).
22d 15h 03m	(00-09) bp: B: OD - pi2: A: CO; B: GN TO; C: TK.
22d 22h 52m	(50-55) bp: B: CF; C: EB - pi2: B: ES MA OD LG AQ TK CI BI LM.
26d 10h 38m	(35-42) bps: A: IR - (si: A: TE).
26d 18h 13m	(09-17) bps: A: MO HB.
26d 18h 57m	(53-62) bps: A: MO; B: WK.
26d 22h 44m	(40-49) bp: A: HR; B: CF - pc5: A: SI?
28d 21h 43m	(42-46) bp: B: OD EB BI - pi2: B: TK; C: LM.
29d 19h 21m	(17-24) bp: B: HB OD - pi2: C: LM.
29d 19h 45m	(44-46) bp: A: NU; B: VL MA PR CF TN; C: WN HR - bps: A: SO - pi2: B: NI TF TK BI; C: CM - (si: B: TR).
30d 09h 21m	(19-24) bp: A: TE; B: VI - bps: A: CO; B: AP; C: PP - pi2: A: HO; B: LM.
30d 18h 34m	(30-41) b: A: SF - bp: B: OD PM - bps: B: BI - pi2: B: TK; C: MT KA KY LM.
30d 22h 52m	(50-54) bp: B: BI - pi2: B: LM.
31d 00h 01m	(00-03) bp: B: SM; C: EB - bps: B: VL.
31d 17h 51m	(50-53) bps: A: PR; B: VL.
31d 19h 25m	(20-30) bs: A: IR - bps: A: WK.
31d 23h 40m	(40) bp: B: CF BI - bps: A: HR - (si: A: LE).

TABLE 2a BAYS AND PULSATIONS 1966 - continued

JUNE

02d 10h 43m	(37-45) bp: B: LU - pi2: B: HO; C: PP - (ssc: A: CO).
02d 18h 46m	(33-60) b: A: NU; B: IR SW - bs: B: SO - bp: A: WN AK; B: MO VL KV? PR HB EB TP QU - bps: B: HL; C: CM - pi2: B: LM.
03d 19h 01m	(00-02) bs: A: SO - bp: B: WN VL MA PR CF MC; C: KV? EB HR - pi2: A: NI HO; B: WI TF TP BI; C: LM - (si: B: ES).
03d 23h 10m	(09-12) bp: B: ES VL CF; C: EB BI - pi2: B: AQ PE.
04d 02h 47m	(45-50) b: C: MB - bp: B: CI SM.
05d 03h 58m	(57-59) bps: C: HU - pi2: C: MB.
05d 20h 48m	(48) bp: C: KV? - pi2: C: TF.
06d 01h 53m	(45-57) bp: B: CF SM; C: MB HR - pi2: B: MA.
06d 12h 50m	(48-52) bp: B: TC - pc4: C: LM.
06d 21h 57m	(52-68) bp: B: TR - pi2: B: AQ EB PE SM BI; C: TA.
07d 02h 53m	(47-70) b: B: SW - bp: A: SI SJ MB; B: WI VL MA CF EB FR HU; C: ST WN HR - bps: A: AG - pi2: B: NI HO BI; C: TU TA - pc4: A: TE; B: LM.
07d 09h 27m	(24-31) bp: A: CO AM; B: AP; C: VI MT - pc4: B: HO.
07d 13h 32m	(27-40) bp: B: PM TO - pi2: C: MT KA KY.
09d 21h 28m	(24-32) bp: B: CF - pi2: A: TF TK; B: MA AQ EB PE TP QU BI; C: ES CM - (si: B: TR).
11d 17h 54m	(45-60) bp: B: SO IR GN; C: TO - pi2: A: TK; B: MT KA TP KY; C: TF - (si: B: TR).
12d 03h 46m	(45-50) bp: B: SM - pi2: A: MB; B: EB SJ HU LM; C: FR TU - pc4: A: TE; B: BI.
12d 12h 01m	(54-16) b: B: HL SW - bs: B: LE - bp: C: KV? - pi2: B: SI PP TO; C: MT KA KY.
12d 23h 30m	(25-40) bp: B: CF BI - pi2: A: LM; B: ES AQ EB PE MB LU; C: ST TA.
13d 00h 11m	(10-12) bp: B: MC - pi2: B: CF MB.
13d 06h 03m	(03-04) b: C: PP - bp: B: VI TE - bps: A: AG.
13d 13h 43m	(40-46) bp: B: PM - bps: A: CO; C: TO AM - pi2: A: HO; B: GU; C: MT TK KA KY, HU.
13d 20h 15m	(11-18) bs: B: SO - bp: B: CF - bps: B: TR - pi2: A: NI SU TF; B: CM OD AQ TK IK PE SM BI LU LM; C: EB TA HU - pc5: B: ES.
14d 00h 55m	(51-59) bp: C: BI - pc4: B: TE.
14d 01h 19m	(18-20) bp: B: SM; C: HU UR.
14d 07h 50m	(50) bp: B: HU - (sfe: OD).
14d 20h 04m	(00-12) bp: B: TF; C: KV? BI - pi2: B: CF; C: EB LM.
15d 20h 04m	(53-09) bp: C: WN TK MC - pi2: B: BI - (ssc: B: TR).
15d 20h 25m	(20-30) bp: B: CF - pi2: B: MA TP - (ssc: B: SO).
16d 15h 53m	(50-55) bp: B: PM GN; C: TO - pi2: B: TK GU; C: MT KA KY.
16d 18h 43m	(39-47) b: B: TC - bp: C: AE.
16d 19h 47m	(46-48) bp: B: SO - pi2: C: LM.
16d 23h 18m	(09-22) bp: B: SO ES MA CF LG AQ EB PE MC BI LM HR; C: AE TA LU - pi2: B: ST MB; C: CM TK - pc4: B: CI - (si: B: TR).
18d 03h 39m	(35-45) bp: B: SM; C: EB - pi2: B: MB; C: HU LM.
18d 18h 06m	(00-13) b: A: PE - bp: C: TF - pi2: B: TK - pg: C: BI.
19d 13h 00m	(57-00) b: A: SO VL PR; B: BE; C: WN - bs: B: HL OD - bp: A: TC; B: MA; C: TF.
19d 13h 28m	(26-30) b: B: IR SW - bps: B: TL?; C: AE - (ssc: C: PE).
21d 12h 05m	(57-11) bps: B: TO - pi2: C: PR MT BI HU.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(JUNE)

22d 23h 08m	(04-10) bp: B: VL; C: PE - bps: C: BI - pi2: B: MA CF EB - (ssc: B: TR; C: TN LM).
23d 20h 58m	(54-70) bp: B: MO IR TF QU WK; C: KV? - (si: A: SO).
24d 19h 58m	(57-60) bp: C: LU - pc4: A: SI.
24d 21h 36m	(30-40) b: B: IR - bp: B: BI - pi2: C: LM - (si: A: SO).
25d 01h 17m	(15-20) b: A: HU - bp: C: BI.
25d 06h 22m	(19-25) b: A: TE - pi2: A: SI.
25d 11h 36m	(32-40) b: B: IR - (si: FU).
25d 16h 14m	(08-30) b: A: PR; B: GN; C: WN - bp: A: SO OD PM; B: MT TK TL KA KY BI TO WK; C: CM HB EB LU HR.
25d 22h 00m	(58-03) b: A: PE - bs: A: SO - bp: B: WN PR OD TP; C: KV?
26d 15h 27m	(27-28) bps: B: MA TP.
26d 16h 06m	(06-08) bs: B: SO - bp: B: GN - pi2: B: MT TK KA KY.
26d 21h 15m	(10-20) bp: B: SM - pi2: C: MB.
27d 21h 09m	(07-11) bp: B: SO - pi2: B: MA AQ EB PE TN.
28d 18h 30m	(30) bp: A: SO; C: KV? - pi2: C: TK.
29d 13h 43m	(42-45) bp: B: LE - bps: B: TR.
29d 18h 24m	(17-34) b: B: SW - bp: B: SO OD TF; C: WN EB-pi2; B: MA TK TP; C: CM LM.
29d 18h 48m	(48) bp: C: IR KV?
29d 22h 44m	(40-47) bp: B: SO ES MA CF AQ EB TL PE; C: AE LU HR - bps: B: FU - pi2: B: NI LM; C: CM.
29d 23h 43m	(43) bp: C: KV? - pi2: C: TA.
30d 08h 59m	(59-60) bp: A: AP - bps: B: AM.
30d 19h 49m	(48-51) b: B: SW - bp: B: OD TF TP GN; C: WN KV? EB - bps: A: SO - pi2: B: LM; C: CM.
30d 21h 44m	(42-45) bp: B: CF - pi2: A: MB; B: ES ST MA EB SM HU; C: CM HO.
30d 22h 44m	(39-48) b: B: SW - bp: B: ES TF; C: BI.
30d 23h 15m	(09-20) b: A: SF; B: TA - bp: A: MC HR; B: LE WN VL MA DB CF AQ EB CI TL PE TC MB LU LM; C: KV? - bps: B: FU AE - pi2: C: CM.

JULY

01d 14h 00m	(00) bp: B: HU; C: VI.
01d 23h 20m	(17-25) bp: C: BI - pi2: B: CF; C: MB.
02d 16h 23m	(20-28) b: B: HL - bp: B: VL EB; C: KV? - pi2: A: QU; B: NI MA AQ PE; C: CM BI.
02d 21h 34m	(22-40) bp: B: CF EB BI; C: MC HR - pi2: A: HA OD LG; B: NI MA AQ SM MB LU LM; C: ES CM HU.
03d 03h 26m	(25-29) bp: A: AC TW - pi2: C: MB LM.
03d 03h 53m	(50-56) bp: B: CI; C: HU - pi2: B: MB.
04d 15h 58m	(55-60) b: A: EB - bs: A: KS - bp: A: TO; B: TF GN; C: KV? HR - bps: B: AE; C: LU - pi2: B: GU; C: MT KA KY.
04d 16h 19m	(15-20) bp: B: IR WK; C: PM - pi2: C: BI.
04d 21h 27m	(26-29) bp: B: CF; C: KV? - bps: B: MO BI - pi2: B: ES EB LM; C: MT - (ssc: A: SO).
04d 22h 00m	(00-01) bp: B: AQ IK EB HR; C: TL - bps: A: LG TA LU; B: MC LM - pi2: A: NI; B: CF.
05d 03h 59m	(58-60) bp: B: HU; C: VI.
06d 01h 28m	(20-32) bp: B: VL SM - pi2: B: PE MB BI; C: HU LM - pc4: A: AC.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(JUNE)

07d 00h 09m	(05-14) bp: B: CF PM? BI HR; C: EB - pi2: A: AC; B: HA MA PE HU; C: TA MB LM.
07d 10h 29m	(28-31) bps: C: AM - pi2: A: AG HO; B: TO; C: MT KA KY - (ssc: B: HB?).
08d 02h 00m	(57-08) bp: B: CF; C: EB - pi2: A: NI HA MA LG MB LM AC; B: AQ LU HU TN; C: TA - pc4: A: CI.
08d 06h 24m	(21-26) b: B: AG - pi2: C: TU - pc4: A: TE AC.
09d 00h 05m	(01-10) bp: A: HR; B: CF; C: KV? - bps: B: IR BI.
09d 15h 25m	(23-26) bp: B: TF PM; C: MT KA KY - bps: A: UB; B: MO.
10d 06h 33m	(31-36) bp: A: TE - (si: B: PP).
10d 10h 39m	(33-42) b: A: VL EB SF; B: SW - bs: A: KS; B: ES MB - bp: A: AM; B: WK; C: MT - bps: B: HL MA - (ssc: C: TF TP - si: A: OD TK IK TE; B: PP).
11d 04h 06m	(06-07) bp: C: VI HU - (si: A: TE).
11d 23h 21m	(05-33) b: A: SF; B: HL SW - bp: A: LG IK MC; B: ES WN VL BE PR CF HB OD AQ TF TK EB CI PE AE TP QU TA LU WK; C: HA HR-bps: B: MA; C: TL - pi2: A: NI; B: LM.
12d 00h 00m	(00) bp: B: KV?; C: LZ.
12d 03h 32m	(30-35) b: A: SJ HU - bp: A: TE.
12d 08h 49m	(43-55) bp: B: AP; C: MT - bps: A: TE.
12d 09h 13m	(09-18) b: B: IR; C: PM.
14d 08h 23m	(10-25) bps: A: CO; B: VI - pi2: A: SI HO; B: LM; C: TU TO - pc4: A: TE.
16d 23h 20m	(10-24) bp: B: CF LG; C: TL - bps: B: MA BI; C: AE - pi2: B: PE - (si: B: LU).
17d 02h 30m	(27-34) bp: B: TF - bps: A: AC.
17d 08h 30m	(20-35) bp: B: OD AM; C: MT - pc4: A: TE; B: HO - (ssc: C: TF).
17d 17h 10m	(00-30) bp: B: IR UB - pi2: B: TK LM AC; C: MT TF KA KY - (si: A: TE).
17d 20h 55m	(51-60) bp: C: KV? HR - pi2: C: LM.
17d 21h 23m	(22-24) bp: C: MC - pi2: B: CF PE.
18d 04h 39m	(35-45) bp: A: SJ - pi2: A: AG; B: FR BI HU; C: TU - pc4: A: AC - pc5: A: TE.
18d 17h 00m	(00-01) bp: B: SO VL WK - pi2: B: BI; C: MT KA KY.
19d 23h 49m	(48-50) bp: B: VL - pi2: B: BI - (si: B: TR).
20d 22h 33m	(21-45) b: A: SF - bp: A: MC; B: ES VL CF OD SU LG IK EB TL SM AE TA MB LU HR - pi2: B: CM.
20d 23h . . m	(. .) bp: C: KV - pc4: B: SI.
21d 02h 06m	(54-13) bp: A: SJ; B: LE VL CF; C: WN EB - bps: A: HU - pi2: A: NI LG IK LU LM; B: HA AQ - (si: A: AG).
21d 13h 48m	(45-53) bp: B: GN; C: PM - bps: A: TO; B: AM - pi2: B: GU; C: MT KA KY.
22d 00h 33m	(20-40) b: A: SF; B: TN - bs: B: KS - bp: A: LG AQ IK MB MC LU HR; B: ES WN HA PR FU CF HB EB CI SM HU - bps: A: OD BI AC; B: LE VL MA DB TL AE TP TA - pi2: B: LM.
22d 01h 13m	(12-15) bp: B: IR LU; C: KV?
22d 19h 44m	(33-50) b: A: MO; B: SW QU TN - bp: A: SO SU AK; B: VL HB OD TF TK HR; C: WN EB - bps: B: BI; C: TP - pi2: C: LM.
22d 20h 06m	(06) b: B: IR - bp: C: KV?
24d 01h 14m	(55-30) b: B: SW - bp: B: ES IR VL BE CF OD AQ TF EB CI TL TP BI; C: ST KV? HB HR - bps: B: HL - pi2: B: MA LM; C: HU.
24d 21h 52m	(51-54) bp: B: VL - pi2: B: EB BI LM; C: CM.
26d 01h 22m	(20-25) bs: A: SJ - bp: B: ES CF SM BI; C: EB MB - pi2: C: TA.
26d 20h 35m	(15-48) b: B: HL SW - bp: A: AK; B: WN VL MA PR CF OD TF TK TP BI; C: CM DB EB TL HR - pi2: C: LM.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(JULY)

26d 21h 06m	(06) bp: B: IR; C: KV?
26d 23h 40m	(35-48) bp: B: CF BI HR - pi2: C: EB LM.
28d 01h 37m	(30-42) bp: B: HR - pi2: B: LM - pc4: C: TF.
28d 02h 14m	(14-15) bp: B: LE EB.
29d 00h 38m	(32-48) bp: B: MA DB CF OD EB SM - pi2: B: MB AC; C: LM - (ssc: C: TF - si: B: LG).
30d 03h 19m	(14-30) b: C: HU - bs: B: KS; C: PE - bp: B: MA CF - bps: B: IR FU; C: AE - (ssc: B: TF; C: LU PM - si: A: TE; B: HL MT KA KY TN; C: MC).
30d 04h 29m	(18-35) bps: B: IR - pi2: B: HU AC TW - pc4: A: TE - (ssc: B: AK - si: B: BE HB? OD).
30d 07h 44m	(35-54) bp: C: MT - pi2: A: AC; B: SI HU - pc4: A: TE.
30d 08h 10m	(10) bp: C: TO - pi2: A: HO.
30d 21h 29m	(28-30) bp: C: EB MC - pi2: A: LG; C: TA.
31d 08h 07m	(05-10) bp: B: AM TW; C: VI HU - bps: A: CO - pi2: B: HO BI; C: TU.
31d 14h 38m	(36-40) bp: C: TO - pi2: A: CO UB; C: MT KA KY - pc4: B: HO.
31d 21h 21m	(20-23) bp: B: BI - pi2: B: EB; C: LM.
31d 21h 49m	(47-53) bp: B: VL LG EB - pi2: C: TA.

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01d 03h 52m	(51-52) bp: A: AC; B: HU; C: EB.
01d 22h 30m	(20-35) bp: B: OD EB LU - bps: B: LG - pi2: B: PE LM - pc4: A: AC; C: TA.
01d 22h 51m	(50-54) bp: B: LE VL CI LM; C: HR.
01d 23h 48m	(46-49) bp: B: CF - pi2: B: NI AQ EB.
02d 22h 52m	(50-55) bp: B: MC - (ssc: C: BI).
04d 11h 25m	(25) bp: C: MT KA.
04d 21h 32m	(30-36) bp: B: PR PE BI; C: WN TP - (ssc: B: TR SO).
05d 07h 42m	(36-51) bp: A: AG - bp: A: TE AC; B: HU; C: MT - bps: B: TW - pi2: C: PP.
05d 08h 26m	(25-28) bp: B: AP - bps: A: AM - pi2: A: AG; B: HO TO - (si: A: CO).
05d 11h 32m	(31-33) bp: B: TO - pi2: C: MT KA KY.
05d 14h 28m	(24-31) bs: B: ES - bp: B: VL IR.
06d 00h 54m	(53-56) bp: B: CF; C: EB MC BI.
06d 15h 29m	(24-40) bp: B: IR OD GN TO; C: MT KA KY PM - pi2: B: TK.
06d 19h 30m	(29-30) bp: B: SO OD TK - pi2: C: BI.
06d 23h 49m	(46-55) b: A: SF - bp: B: VL OD EB CI BI; C: HA MC - pi2: B: MA; C: LM.
07d 20h 25m	(24-28) bp: B: SO - pi2: B: EB; C: BI LM.
07d 21h 13m	(09-15) bp: B: SO - pi2: B: TK BI; C: TF.
07d 22h 46m	(43-49) bp: B: SO VL PR FU CF OD AQ IK EB BI LU; C: WN HB MC - bps: B: LG - pi2: B: NI MA TK LM; C: TA - pc4: B: TR AC.
08d 08h 37m	(31-40) bp: B: IR - (ssc: C: LU - si: B: PM).
08d 19h 25m	(18-32) bp: A: OD - pi2: A: TK; B: TF BI; C: LM.
08d 22h 27m	(10-33) bp: B: MA CF AQ EB MC BI; C: HR - bps: B: FU - pi2: B: TK TP LM; C: TA.
09d 05h 47m	(39-50) bp: C: HU - pi2: A: AC; B: HO; C: TU - pc4: B: TE.
09d 19h 33m	(30-35) bp: A: NU; B: MO CF HB TK IK BI LM; C: WN EB - bps: B: IR - pi2: B: AQ LU; C: MT KA KY TA - (ssc: B: SO - si: B: TR).
09d 20h 07m	(00-15) bs: B: IR - bp: B: LZ VL WK; C: EB - pi2: C: TA.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

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09d 23h 33m	(31-35) bp: B: MA; C: BI - pi2: B: EB; C: LM.
10d 02h 15m	(14-16) bp: B: VL CF TL.
10d 10h 21m	(20-22) bp: B: IR - pi2: B: SI.
10d 12h 53m	(50-60) bp: C: MT KA KY - bps: B: IR - pi2: B: TO.
10d 22h 16m	(14-20) bp: B: VL OD TF EB LU; C: WN TK PE BI - bps: B: LG - pi2: B: MA LM - (si: A: SO).
10d 23h 05m	(00-07) bp: B: ES MA CF EB BI; C: PE MC HR - pi2: B: NI; C: TA - pc4: A: CO? SI?; B: LM AC.
11d 03h 18m	(16-21) bp: A: TW; B: BI - pi2: A: AC; B: EB LM; C: TA HU - pc4: C: LU.
11d 03h 33m	(30-35) bp: A: TE SJ; B: VL CF CI - bps: A: AC TW; B: HU.
11d 20h 31m	(30-32) bp: B: BI - (ssc: B: SO).
11d 21h 04m	(03-05) bs: B: IR - bp: C: TF.
11d 23h 54m	(53-55) bp: C: BI - (si: A: SO).
12d 01h 05m	(00-10) b: A: TA - (si: A: SO).
12d 05h 06m	(06) bp: A: HU - bps: B: AC.
12d 11h 32m	(23-40) bp: A: TO AM; C: VI MT KA KY AP - pi2: C: BI - pc4: C: HO.
12d 17h 49m	(36-59) bp: A: WN VL PR OD TF; B: SO NU MO IR MA DB SU TK EB CI TP LM WK - bps: B: FU; C: TL - pi2: A: AC; B: BI; C: MT KY.
12d 20h 28m	(27-29) bp: B: TF - (si: B: LG).
12d 21h 48m	(46-51) bp: B: SO VL CF AQ EB BI - pi2: B: MA LU LM; C: TA HU.
13d 04h 26m	(24-28) bp: B: TE - pi2: A: AC.
14d 01h 33m	(30-37) bp: B: CF; C: BI - pi2: C: TA LM.
14d 19h 59m	(57-62) bp: WN HB OD - pi2: A: TK LM; B: CF IK BI - (si: A: SO).
15d 05h 29m	(21-32) bps: A: AG - pi2: B: TU TW; C: PP LM - pc4: B: AC.
15d 06h 21m	(18-23) bp: C: TF - bps: A: AG - pi2: A: AC; B: HO.
15d 21h 59m	(56-67) bp: B: SO VL CF - pi2: A: MA LG LM; B: NI HA AQ TK IK EB PE BI LU; C: TA - (si: B: TR).
16d 00h 35m	(35-36) bp: B: BI - pi2: A: AC.
16d 00h 54m	(49-62) bp: B: CF CI; B: EB - pi2: B: LM; C: TW - pc4: B: TR; C: TA - pc4+pi2: A: AC.
16d 22h 42m	(39-44) bp: B: SO - pi2: B: NI HA CF OD AQ IK EB PE BI LU LM - pc4: A: AC; B: TR.
17d 17h 28m	(24-30) bp: A: OD; B: SO IR; C: TK - pi2: C: TA.
18d 09h 28m	(25-30) bp: C: VI - bps: B: AG - pi2: A: AC; B: HO; C: MT TU TA BI - pc4: A: TE.
18d 18h 10m	(05-15) bs: B: SO - bp: B: IR BI; C: LZ - pi2: B: LM - (si: C: TK).
19d 00h 42m	(34-53) bp: B: VL CF - pi2: A: NI MA LG LM AC; B: VI AQ IK EB CI? BI LU; C: TA - pg: B: DB.
19d 17h 32m	(31-34) bs: A: SO - pi2; B: NI BI LM.
19d 22h 51m	(50-52) bp: B: CF - pi2: B: EB BI; C: TA - (si: B: TR).
20d 01h 53m	(50-60) bp: B: CI HR; C: EB BI - pi2: B: LM AC.
20d 06h 41m	(39-43) bp: A: TE; B: VI - pi2: A: AC.
20d 18h 44m	(44-45) bp: B: SO - pi2: B: AC; C: TK.
20d 22h 52m	(41-56) b: A: SF; C: AE - bp: A: SO; B: ES WN WI VL MA PR CF HB OD AQ IK PE TP MC BI LU; C: HA - bps: A: DO LG; B: FU EB; C: TL - pi2: B: LM - (si: B: TR).
21d 16h 12m	(12) bp: C: IR - pi2: B: TF TK; C: MT KA KY.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

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21d 23h 28m	(25-33)	bp: B: CF - pi2: A: LG; B: MA AQ EB PE BI LM.
22d 23h 29m	(24-37)	bp: C: BI HR - pi2: B: AQ EB LU LM; C: TA - (ssc: PP?).
23d 00h 00m	(58-03)	bp: B: CF LM - bps: B: SO - pi2: A: AC.
23d 00h 24m	(20-29)	bp: B: OD; C: TF.
23d 11h 06m	(05-07)	bp: A: IR - pi2: A: GU; B: MT KA KY; C: HO.
23d 17h 00m	(00)	bp: A: IR - pc4: A: SI.
23d 19h 36m	(36-37)	bs: A: SO - bp: B: HB.
23d 19h 48m	(48)	b: B: WN - bp: B: PR.
24d 20h 54m	(53-55)	bp: B: HA CF EB.
25d 10h 58m	(58)	bp: B: PM; C: MT KA KY.
25d 20h 34m	(17-50)	b: A: PE - bp: B: VL HA CF OD LG MC BI HR; C: LZ EB - pi2: B: LM; C: TA - (si: C: TR).
26d 20h 44m	(43-45)	bp: B: BI - pi2: B: EB; C: LM.
26d 21h 50m	(48-54)	bp: B: VL MA CF LG EB PE TA LU; C: AE MC HR.
27d 00h 49m	(45-51)	bp: B: EB; C: MC BI - pi2: B: PE LM; C: TA.
27d 15h 49m	(48-50)	bp: B: IR GN; C: MT - pi2: C: TK.
27d 22h 53m	(50-56)	b: A: PE - pi2: B: AQ; C: BI.
28d 18h 13m	(12-15)	bp: B: IR - bps: B: TK; C: TP.
28d 22h 40m	(27-47)	bp: B: CF HB OD EB; C: WN TP BI - pi2: B: AQ LM; C: TF TA.
29d 20h 40m	(40-41)	bp: B: BI - pi2: B: LM.
29d 21h 55m	(51-57)	bp: C: TF - bps: A: IR - (si: A: TE).
30d 00h 58m	(57-60)	bp: B: CF BI - pi2: B: LM.
30d 02h 07m	(00-15)	bp: B: IR - pi2: A: AC - (si: A: TE).
30d 17h 59m	(58-60)	bps: A: WK - (si: A: LE).
30d 20h 47m	(44-50)	b: A: CF - (si: A: OD).

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01d 03h 03m	(01-05)	bp: A: AC - pi2: C: BI.
01d 09h 59m	(52-62)	bps: A: AC - (ssc: B: HB? - si: C: LG).
01d 17h 40m	(38-42)	bs: B: NI - bp: B: WN VL DB HB - bps: B: BI - pi2: B: LM.
01d 18h 15m	(10-18)	bp: A: TA MC; B: LG LU - bps: B: AE.
01d 18h 32m	(30-33)	bp: B: CF - bps: A: WN PR HB.
01d 18h 50m	(45-55)	bp: A: TA; C: KV? - bps: A: WK.
01d 21h 36m	(23-38)	b: A: PE MC - bs: A: KS - bp: A: TP; B: VL HB TA BI - bps: B: WN PR - (si: A: SO).
02d 00h 54m	(47-62)	b: A: MC; C: MB HU - bp: B: BI; C: HR.
03d 19h 04m	(03-05)	bp: B: CF - bps: B: BI - pi2: B: LM.
04d 01h 06m	(02-10)	bp: A: HR; B: BI - bps: B: CF; C: AE.
04d 16h 48m	(45-52)	b: B: GN - bp: A: HB; C: MT.
05d 12h 50m	(49-52)	bp: A: PM AM; B: WK; C: MT KA KY - bps: A: GN; B: GU - pi2: A: HO.
05d 20h 42m	(42-43)	b: B: IK - (ssc: C: BI - si: B: LU - sfe: HU).
06d 02h 15m	(10-19)	bp: B: VL CF CI - pi2: A: AC TW; B: PE MB BI LM.
06d 14h 36m	(20-48)	b: A: WN PR QU; B: NI IK TP GN - bp: A: MT PM; B: HB KA KY WK; C: SU BI HR.
07d 05h 10m	(08-12)	bp: B: TE; C: VI - bps: C: PP - pi2: B: TW - pc4: C: HO.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

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07d 12h 32m	(30-33) bp: A: PM; B: MT KA WK - bps: A: AM; B: KY GU - pi2: B: HO.
07d 20h 01m	(55-05) bp: B: WN VL HA DB PR EB BI - bps: C: HB? - pi2: B: ES NI MA AQ LM; C: TA.
07d 20h 43m	(43) bp: B: CF - pi2: B: NI; C: MB.
08d 02h 43m	(29-52) b: A: SF SJ; B: DB - bp: A: ES WN PR; B: WI NI MA CF HB MT EB CI AE KA KY TA MC BI LU; C: LZ - bps: A: VL MB; B: TL HR; C: FR - pi2: A: TW; B: HA - pi2+pc4: A: AC - (ssc: A: AG - si: HL).
08d 10h 11m	(10-12) bp: A: TE - bps: B: PP.
08d 11h 42m	(42-43) bp: B: MT KA KY PM.
08d 14h 10m	(10) bp: C: MT KA KY.
08d 20h 33m	(32-33) bp: B: MA BI - pi2: B: EB.
08d 23h 02m	(00-15) b: A: SF - bs: A: MC; B: PE; C: AE - bp: A: TA; B: MA FC HB; C: WN KV? - bps: A: BI; B: HR; C: FR.
09d 08h 12m	(10-15) b: C: HU - bp: A: TE.
09d 16h 06m	(55-22) b: A: WN PR PE SF; B: NI - bs: B: KS - bp: A: HB; B: VL KV? TP BI; C: HR - bps: B: DB.
09d 20h 45m	(44-50) bp: A: MC; B: CF EB BI; C: KV? HR - pi2: B: PE.
09d 23h228m	(15-31) bp: A: CI MC; B: ES MA CF EB TL BI LU; C: HR - pi2: B: MB LM; C: TA AC.
09d 23h 44m	(42-46) bs: C: FR - bp: B: SJ - pi2: B: PE.
10d 00h 00m	(00) bp: C: KV? - pi2: B: MB.
10d 04h 01m	(54-10) b: B: HU - bps: A: AM - pi2: A: AC - (si: B: PP).
10d 20h 51m	(48-54) b: A: SF; B: IK - bs: A: SO - bp: B: WI HA CF AQ TA; C: LU HR - bps: A: NU MA; B: DO ES WN VL DB PR FU HB EB TL PE TP MC BI LM; C: AE - pi2: B: NI; C: MB.
10d 23h 15m	(13-19) b: B: ES - bp: B: TA MC BI; C: HR.
11d 05h 52m	(48-60) b: B: HU; C: MB - bp: A: TE AC; B: TW - pi2: C: HU TO.
11d 10h 19m	(18-21) bp: C: AP - bps: B: AM; C: VI PP.
11d 21h 31m	(30-33) bp: C: MC - pi2: A: LU; B: ES NI AQ EB BI LM; C: TA - (ssc: B: SO - si: B: TR).
11d 23h 01m	(52-07) bp: C: EB MC - pi2: B: NI PE LM; C: TA MB BI.
12d 21h 08m	(07-08) bp: B: SO; C: KV? EB - pi2: B: BI; C: TA.
14d 21h 38m	(24-43) bs: B: SO - bp: B: DB CF LG EB - bps: A: WN MA; B: VL PR - pi2: A: LM; B: NI MB BI - (ssc: B: SO).
14d 22h 19m	(16-20) bp: B: CF EB; C: KV? PE - pi2: A: MB; B: NI MA TP.
14d 23h 51m	(41-55) b: B: IK - bp: A: WN; B: ES HA DB PR CF EB TL PE TA - bps: A: MC HR; B: VL HB AE MB BI - pi2: B: LM.
15d 03h 13m	(11-17) bs: C: HU - bp: B: MB - bps: A: AG AC; B: EB - pi2: C: BI.
15d 14h 36m	(35-38) bp: C: TR - (sfe: HU).
15d 19h 51m	(46-56) b: A: NI; C: PP - (ssc: A: SO - si: C: MA).
15d 20h 25m	(23-30) b: A: PR; B: WN - bp: B: HB; C: KV?
16d 11h 11m	(10-12) bp: B: TR; C: HR.
16d 22h 18m	(15-21) bp: B: BI - pi2: C: TA.
16d 22h 30m	(30) bp: B: VL - (sfe: HU).
16d 22h 43m	(42-45) b: A: PE - bp: B: CF EB TP MC; C: WN.
17d 00h 51m	(51-52) bp: C: BI - pi2: B: LM AC; C: TA.
17d 01h 24m	(23-25) bp: B: MC; C: EB.
18d 21h 08m	(00-10) bp: B: CF; C: EB - pi2: A: MA LG LU LM; B: NI AQ TP QU; C: TA - (ssc: B: SO - si: B: TR).

TABLE 2a BAYS AND PULSATIONS 1966 - continued

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19d 23h 03m	(02-05) bps: A: BI - pi2: B: EB - (ssc: A: SO).
19d 23h 38m	(29-42) b: A: IK SF SJ; B: TN - bs: A: KS; B: VL - bp: A: CI TA MC LU; B: CF AQ MB HR - bps: A: MA PE TP; B: ES WN PR FU HB EB TL LM; C: AE - pi2: B: NI - (ssc: C: QU - si: A: LG; B: HL).
20d 03h 04m	(58-08) bp: A: TE - pi2: B: AC; C: BI - pc4+pc5: C: TW.
20d 07h 53m	(50-57) bp: C: MT - pc4: C: HO.
20d 17h 21m	(21-22) bp: B: WN PR.
20d 22h 03m	(02-04) bp: B: BI - pi2: B: LM.
20d 23h 18m	(17-20) bp: B: MA CF EB; C: HA - bps: B: SO ES WN VL HB CI MB - pi2: A: AC; B: NI PE; C: TA.
21d 02h 41m	(40-42) b: B: ES - bp: A: TW; B: VL CI BI; C: EB MB - pi2: B: LM AC; C: TA HU.
21d 09h 59m	(58-60) bp: C: PP - pi2: C: HO.
21d 12h 40m	(40) bp: C: MT KA KY.
21d 13h 04m	(00-07) b: C: PP - bp: B: BI TO.
21d 22h 46m	(44-47) bp: B: VL CF BI - pi2: A: AC; B: NI MA EB PE MB LM; C: TA.
22d 00h 58m	(57-59) bp: B: VL - pi2: C: TA.
22d 20h 32m	(23-37) b: A: IK CI PE SF; B: AE - bs: B: ES KS - bp: A: DB PR; B: DO LE WI NI VL HA MA CF AQ QU LM HR; C: BI - bps: A: SO NU WNSU; B: HB EB TL - (si: B: TR).
22d 20h 48m	(48-49) b: C: TN - bp: B: KV? LG.
24d 23h 59m	(57-01) bs: A: SO; B: HA - bp: A: MC; B: NU AQ IK EB TA; C: KV? HR-bps: A: ES VL MA LU; B: WN PR FU BI; C: HB - pi2: B: NI LM; C: TA - (ssc: B: CF; C: TL AE - si: A: LG; B: TR LE WI).
25d 06h 00m	(00) bs: B: HU - bp: C: VI.
26d 00h 02m	(00-04) bp: B: CF; C: LZ - pi2: B: LM; C: BI.
26d 15h 07m	(05-08) bp: A: NU GN; B: PM BI - pi2: A: KA KY AC; B: TP.
26d 15h 23m	(20-25) bp: A: MT KA KY AM; B: HB WK - bps: A: TO; B: GU - pi2: A: HO AC.
26d 19h 36m	(34-46) bp: A: LU HR; B: ES NI VL HA CF EB TL BI; C: TA - bps: A: NU PR TP; B: WN; C: AE - pi2: B: LM - (ssc: A: SO).
26d 19h 58m	(55-60) bs: A: KS - bp: A: LG MC; B: KV? QU - pi2: B: MA - (si: B: LE).
27d 03h 52m	(48-57) bp: A: TE - pi2: B: TW.
28d 16h 11m	(11) b: C: KV? - bp: C: BI.
28d 22h 22m	(20-27) b: B: MB - bs: A: SO - bp: A: NU CI MC; B: HA MA CF LG AQ IK EB PE BI LU; C: KV? - bps: A: VL; B: DO LE ES WN PR FU HB TL; C: AE - pi2: B: NI LM; C: TA.
29d 03h 47m	(42-51) b: A: CI MC; B: MB - bp: B: HB BI LU HR.
29d 17h 31m	(20-48) b: A: SO NU WN PR HB PE; B: WI NI SU - bp: A: CI; B: ES VL HA DB FU EB TL AE HR - bps: B: WK.
29d 19h 46m	(46) bp: B: CF - pi2: C: TA.
30d 12h 09m	(09) bp: C: MT AP - bps: A: AM.
30d 15h 23m	(23-24) bp: C: MT KA KY.
30d 15h 41m	(36-52) b: A: PE; C: SU - bs: A: NU - bp: A: WN; B: NI VL DB IK - bps: B: ES HB - pi2: B: LM.
30d 21h 01m	(57-06) b: A: NU SF - bs: A: KS - bp: A: VL LU; B: ES WN WI NI HA DB CF HB AQ EB TL PE MC BI; C: HR - bps: B: FU - pi2: B: LM; C: TA - (ssc: A: SO).
30d 22h 07m	(00-10) bp: A: MC; B: EB - pi2: B: AQ.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

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01d 00h 00m	(00-01) bp: B: HR - pi2: A: AC; C: TA.
01d 18h 13m	(12-14) bp: C: PR - pi2: B: TF TK QU.
02d 22h 37m	(35-40) bp: B: SO MA CF; C: ES PR - pi2: A: TF MB AC; B: OD AQ EB PE SM QU PP; C: TA - pg: B: HL - pc4: B: CI LU.
03d 21h 28m	(26-30) bp: B: MA - pi2: A: TF AC; B: UB TK EB; C: MB HU-(ssc: B:SO).
03d 22h 02m	(00-05) b: B: SW - bp: B: VL PR; C: WN HB EB - pi2: C: TK MB.
03d 22h 36m	(30-50) bp: A: SO; B: ES VL CF EB; C: PE - bps: B: LG - pi2:A:MB AC; B: HA AQ TK TW - pc4: A: CI; B: WI.
04d 09h 44m	(42-45) bps: A: ME AM; B: VI.
05d 15h 05m	(05-06) bp: B: IR; C: MT KA KY.
05d 18h 16m	(15-18) bp: B: VL TL; C: HB - (ssc: A: SO).
05d 19h 36m	(30-38) bp: A: MO WN PR; B: EB TL QU - bps: B: HB.
06d 04h 50m	(36-60) b: A: OD SJ; B: BE - bs: B: IR - bp: A: VL PR TE; B: WN HA HU; C: MT TF - bps: B: HL.
06d 09h 09m	(09) bp: C: MT KA KY.
06d 12h 35m	(35-36) bp: B: IR; C: MT KA KY.
06d 13h 03m	(58-06) b: A: OD - bp: B: MO QU GN.
07d 16h 21m	(10-29) bp: A: OD; B: MO; C: TF - pi2: A: AC.
07d 16h 56m	(50-60) bp: A: OD; B: MO; C: WN TF - pi2: A: MA AC - (si: A: SO).
07d 21h 57m	(55-60) b: A: SO; B: IR SW BE - bp: A: OD; B: LZ VL FU HB AQ EB - bps: C: TL - (si: B: TR).
07d 22h 14m	(10-16) b: A: CI SF KS LU; B: LG SM TA; C: MB HR - bp: B: PE QU MC.
08d 07h 47m	(45-49) bs: C: PP - bps: A: TE; B: VI - pi2: A: AC; B: SI; C: TU HU.
09d 08h 51m	(46-53) bp: B: IR; C: PM TO - pi2: B: SI.
09d 11h 39m	(38-42) bp: B: IR; C: MT KA KY HO PM.
09d 16h 00m	(43-13) b: A: SU CI; B: HL SW LU - bs: A: KS - bp: A: NU MO WN PR AK; B: WI IR VL BE KV? MA DB FU IK EB PE QU; C: LZ MT - bps: A: UB OD TF; B: HB - (si: A: SO).
10d 19h 29m	(20-36) b: A: SF - bs: B: SO HL KS - bp: A: WN VL AK; B: LE WI HA MA DB CF AQ TF IK EB PE SM QU LU; C: KV? SU TL MC HR - bps: A: DO NU PR OD; B: ES BE FU UB HB; C: TL AE - (si: B: TK; C: TN).
12d 00h 05m	(04-05) bp: B: MA CF; C: EB MC - bps: B: VL - pi2: B: AQ AC.
12d 18h 21m	(20-24) bp: B: IR HR; C: HB.
12d 18h 39m	(36-45) b: A: NU - bp: B: WN WI VL BE PR CF OD TK EB CI; C: KV? - bps: B: HL.
12d 22h 14m	(08-15) b: B: NU ES - bs: B: HL - bp: B: VL MA CF OD EB; C: WN MC - bps: B: DO - pi2: B: AQ; C: TA - (ssc: C: TF).
12d 23h 52m	(50-59) bp: B: CF OD EB CI PE TA; C: MC HR.
13d 11h 45m	(43-46) bp: C: TO - pi2: B: SI AC; C: LU PP.
13d 16h 38m	(30-45) b: B: SW - bp: B: SO IR OD TK - pi2: B: GN.
13d 19h 55m	(55) bs: B: SO - bp: A: NU.
13d 20h 21m	(20-22) bp: B: MA CF; C: MC - bps: B: SO - pi2: B: TK - (si: B: ES).
13d 23h 09m	(01-18) b: A: CI SF; C: MB - bs: A: NU; B: SO HL KS - bp: A: PR LG IK PE MC LU; B: ES WN WI BE HA MA CF SU AQ EB SM AE QU TA HR; C: TF - bps: A: OD; B: DO LE VL DB FU TL.
14d 18h 27m	(24-30) bp: B: AK - pi2: A: UB; B: AQ; C: LU.
14d 18h 42m	(41-43) bp: B: SO CF - pi2: A: QU AC; B: TR MA OD TF TK.
15d 20h 03m	(59-13) bp: A: ES PR; B: LE WN HA MA CF EB - bps: B: VL - (ssc: A: SO).

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(OCTOBER)

16d 07h 11m	(02-19) bp: A: HU - bps: A: TE - pi2: A: AC.
16d 11h 57m	(56-57) bs: B: IR - bp: C: MT KA KY.
16d 12h 34m	(32-36) b: A: IR - bp: A: TE.
16d 18h 00m	(00) bp: B: IR QU.
16d 18h 14m	(12-16) b: B: HL SW.
16d 23h 40m	(40-41) b: B: ES - bp: A: OD.
17d 23h 52m	(38-57) b: A: SO; B: SW - bp: B: LE VL MA FU CF HB OD EB - bps: B: HL - pi2: B: AQ.
18d 00h 11m	(07-15) bp: B: ES LG PE SM.
19d 18h 02m	(50-08) b: B: SW - bp: A: SO NU; B: WN IR BE MA PR OD TK IK QU; C: LZ ES KV? HB TF EB - pi2: B: AQ.
19d 23h 09m	(01-12) bp: A: MC; B: ES EB PE - pi2: B: MA AQ.
22d 21h 34m	(31-36) bp: B: IK; C: TF - pi2: B: AQ EB PE; C: TA - pg: B: HL - pc5: B: QU.
22d 21h 49m	(48-50) bp: B: MC; C: EB.
25d 18h 33m	(29-35) b: B: IR - bp: A: MO; C: TL HR - bps: A: NU PR; B: ES WN VL CF HB EB GN - pi2: C: MT KA KY - (ssc: B: SO - si: A: OD).
25d 19h 04m	(02-08) bps: A: PR LG LU; B: WN VL CF EB - (ssc: A: SO - si: B: HB?; C: LE).
25d 23h 27m	(22-35) bp: B: ES HA CF EB PE - bps: A: LU; B: VL TL; C: WN - pi2: A: AC.
26d 15h 02m	(00-04) b: B: IR - bp: B: QU.
26d 16h 46m	(44-48) b: B: IR - bp: B: WK.
27d 22h 31m	(22-39) bs: B: KS - bp: A: SO; B: LE MA CF OD AQ EB PE SM MC-bps: B: FU LG - pi2: B: AC.
28d 18h 08m	(05-12) bp: B: UB - pi2: A: QU; B: OD TK; C: TF.
28d 18h 50m	(49-52) bp: B: CF - pi2: B: MA.
28d 21h 36m	(35-40) bp: B: SM MC; B: EB HR.
29d 17h 05m	(03-06) bp: B: SO IR TK GN - bps: B: UB - pi2: A: QU AC; B: OD.
30d 00h 46m	(42-50) bp: B: SM MC; C: HR - (ssc: C: TN - si: B: LU).
30d 16h 31m	(24-39) b: B: NU - bp: C: WN - pi2: C: KY - (ssc: B: SO).
30d 21h 24m	(15-34) b: A: SF; B: MB - bp: A: MO IK; B: WN SW VL MA CF LG EB TL QU; C: MT - (si: B: LE).
31d 01h 16m	(15-18) b: B: ES; C: AE - bp: A: EB; B: TL SM; C: HR.
31d 01h 37m	(32-41) b: A: SF - bp: A: MC; B: CF PE; C: WN - bps: A: LU.
31d 10h 09m	(07-12) bp: B: IR; C: HR.
31d 17h 45m	(39-50) bp: B: CF EB TL.

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01d 00h 09m	(08-09) bs: A: SF - bps: B: EB BI.
01d 06h 09m	(06-10) bp: B: IR; C: MT - pi2: B: AC - (si: HL).
01d 08h 37m	(35-40) b: B: IR - (ssc: B: TA).
01d 10h 55m	(54-55) bps: B: IR - pi2: C: MT KA KY - pc4: B: BI.
01d 15h 35m	(34-37) bp: B: IR - pi2: C: MT KA KY.
01d 17h 15m	(03-30) b: B: IR - bp: A: NU; B: MA CF AE BI - bps: A: WN HB; B: MO VL HA PR LG TL LU - (si: A: LE OD).
01d 21h 27m	(24-34) b: B: HL PE - bp: B: HA CF TL BI; C: WN - bps: B: LG - pi2: B: MA.

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(NOVEMBER)

01d 22h 09m	(07-11) bp: B: EB PE - pi2: B: NI.
02d 00h 47m	(45-48) bp: B: SM; C: HB - pi2: A: AC; B: BI.
02d 11h 27m	(20-30) bp: B: IR - pi2: C: MT - pc4: C: HO.
02d 17h 19m	(07-41) b: B: SW - bp: B: CF OD BI; C: EB HR - pi2: A: AC; B: MT LG? GN TW; C: KA KY.
02d 22h 17m	(11-22) bp: B: EB MC BI HR.
03d 09h 38m	(32-43) bp: B: AP - pi2: B: SI HO; C: HU.
03d 10h 03m	(03) bps: B: TO - (ssc: C: TK).
03d 15h 47m	(30-57) b: A: CI; B: HL SW PE LU; C: HR - bs: A: NU WN PR IK KS; B: ES - bp: B: WI IR NI KV? MA DB EB; C: HA - bps: A: MO OD; B: DO VL BE FU HB LG TF TL BI.
03d 21h 35m	(34-36) b: B: PE - bp: C: TF.
04d 19h 37m	(29-54) b: A: SF; B: HL SW - bs: B: ES BE - bp: A: NU WN IR PR UB OD IK CI; B: MO WI NI VL HA KV? MA CF LG TK EB PE AK QU AC; C: AE KY - bps: A: DB TL; B: LE FU TF - pi2: B: BI - pc4: C: FR (ssc: B: SO).
05d 01h 19m	(14-23) bp: B: VL CF CI SM; C: EB - pi2: A: MB AC; B: BI LU TW; C: HU - (ssc: B: SO).
05d 06h 14m	(54-30) bp: A: ME AP; B: AM; C: VI TF PP - pc4: A: TE.
05d 12h 17m	(15-25) bp: C: MT KA KY - pi2: A: A: SI.
05d 12h 40m	(39-42) bp: B: IR; C: PM - pi2: B: HO BI.
05d 16h 51m	(35-56) b: B: HL SW - bs: B: SO - bp: B: WN KV? MA PR CF HB TF AK GN; C: SU MT EB KA KY - bps: A: NU OD; B: QU - pi2: B: BI.
15d 19h 44m	(31-58) b: B: HL BE PE MB - bp: B: NU ES WN VL HA MA PR CF IK EB TL SM QU LU; C: KV? HB AE MC HR - bps: B: OD LG TF TK - (ssc: B: AK).
06d 03h 57m	(54-60) b: B: ME - bp: A: TE - pc4: B: AC - pi2+pc4: TW.
07d 20h 20m	(13-25) bp: B: CF - pi2: B: MA UB PE QU BI; C: LU - (ssc: B: SO; C: TR).
07d 23h 20m	(06-30) b: A: SF; B: HL SW - bs: A: KS - bp: A: WN PR SU AQ IK EB CI PE MC HR; B: NU LE MO WI NI VL BE HA MA DB CF TF SM BI; C: LZ KV? AE MB - bps: A: ES HB LG OD TL LU; B: DO FU - pi2:A:AC; B: QU; C: TA - (ssc: B: SO).
08d 18h 24m	(20-30) bp: B: SO MA CF OD LU; C: KV? HB - bps: B: LG - pi2: A: AC; B: NI.
08d 18h 43m	(43-44) bp: A: NU; C: EB - bps: B: SO - pi2: B: NI; C: TA.
10d 10h 31m	(28-35) bp: C: AP - pi2: A: HO.
10d 23h 54m	(41-67) bp: B: ES HB SM; C: EB.
11d 03h 48m	(48) bp: B: SM; C: EB.
11d 10h 18m	(13-22) bp: A: TE; B: VI PP - pi2: B: HO; C: TU TA - (ssc: C: TF).
12d 18h 26m	(20-28) bp: A: MA - pc4: B: SI - (ssc: C: TF - si: B: LG - sfe: TE).
13d 09h 25m	(17-34) b: B: ME - bp: A: IR; B: OD PP TO; C: VI MT KA KY - bps: B: AG.
13d 18h 08m	(00-16) b: B: OD - bp: C: KV? TF.
13d 21h 25m	(22-30) bs: A: SO; B: KS - bp: A: LU; B: WI VL HA MA FU CF LG AQ IK EB CI; C: WN KV? HB PE QU MC HR - bps: B: ES OD - pi2: A: NI; C: TA - (si: B: TR).
17d 02h 02m	(59-04) bp: B: CF EB - pi2: A: AC; C: HU.
18d 16h 40m	(39-41) bp: B: CF - pi2: C: TU - pg: C: ES - (si: B: MA MC).
18d 17h 34m	(29-43) bp: A: MO; B: MT EB KY; C: ES KA QU - bps: A: IR UB - pg: B: DB - (si: A: TE).
18d 21h 08m	(05-14) b: B: IR - bs: A: NU - bp: A: PR; B: WN NI VL CF HB QU; C: EB

TABLE 2a BAYS AND PULSATIONS 1966 - continued
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- (ssc: A: SO).

19d 00h 53m	(49-57) bp: B: CF - pi2: B: EB.
19d 01h 58m	(57-59) bp: B: CF - pi2: B: MA.
19d 12h 06m	(04-10) bp: B: IR KY; C: MT KA.
19d 21h 21m	(18-24) bp: A: UB - (si: B: TR).
19d 23h 11m	(09-13) bp: B: CF - pi2: A: LG; B: NI MA AG EB PE MB.
20d 00h 16m	(14-20) b: A: CI - bp: B: WN MA PR FU CF LG AQ TL SM MC; C: HB EB HR - bps: B: VL - pi2: A: MB; C: ES NI.
20d 01h 01m	(58-06) bp: C: TF - pi2: LG MB.
20d 12h 30m	(30-31) bp: B: TR - (sfe: HU).
20d 20h 23m	(19-27) bp: B: LE TF.
20d 22h 15m	(12-18) bp: B: LG; C: TL.
20d 22h 42m	(42-43) b: A: SF; B: ES - bp: B: VL HB; C: HA.
21d 21h 50m	(47-53) b: A: LE PR; B: HL WN WI SW BE - bp: B: VL HB OD LG; C: TK QU - pi2: B: PE.
21d 22h 54m	(53-55) bp: B: CF - pi2: B: MA LG EB PE; C: LU.
23d 01h 02m	(00-06) bp: B: ES VL CF IK CI SM; C: WN HB EB - pi2: B: AQ; C: TA LU - pc4: B: TR.
24d 03h 23m	(16-26) bp: A: CI; B: VL CF IK SM HU AC; C: ES EB - bps: C: AG - pi2: A: MB LU; B: AQ PE; C: TU TA - pi2+pc4: B: TW.
26d 00h 00m	(57-05) bp: B: SO ES VL HA MA CF EB CI - bps: B: LG - pi2: A: LU; B: AQ PE.
26d 15h 38m	(38) bp: C: MT KA KY.
26d 15h 57m	(54-03) b: B: SW - bp: B: IR TO.
27d 16h 30m	(30) b: B: SW - bp: B: TK AK; C: QU.
27d 18h 38m	(36-40) b: A: SF; B: ES AE; C: HR - bp: C: HB.
28d 16h 51m	(50-52) bp: B: AE KY; C: MT KA - bps: A: IR.
28d 19h 38m	(37-40) bs: B: EB - bp: A: MC LU; B: LG TL HR - bps: B: HB - (si: A: LE).
28d 23h 53m	(51-60) bp: A: HB; B: TF SM; C: QU.
29d 16h 38m	(30-40) bp: A: NU; B: SO WN IR PR CF HB TF IK; C: EB QU - bps: B: MO.
30d 07h 10m	(00-18) b: A: EB CI SF MB; B: ES - bp: A: IR TE; B: FR; C: MT - pi2: C: HO - (ssc: B: TA; C: TF).
30d 10h 14m	(12-19) bp: B: IR - bps: A: AP AM.
30d 11h 44m	(44) bp: C: MT KA KY.
30d 14h 41m	(40-42) bs: A: IR - bp: C: MT KA KY - bps: B: MO - (si: A: SO OD).
30d 15h 07m	(07-08) bs: B: WN PR - bp: B: VL - bps: B: HB.
30d 18h 47m	(42-48) bp: A: SO IK; B: WN VL MA PR CF; C: EB - bps: B: IR HB - pi2: A: AC - (si: A: OD).
30d 20h 57m	(54-06) bp: A: IR; B: MA CF EB TL; C: AE - (ssc: B: SO).

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01d 03h 51m	(50-52) bp: A: TE SJ - bps: B: HU - pi2: A: AC.
01d 12h 40m	(38-45) bp: A: IR UB; B: OD PM GN TO; C: MT KA KY.
01d 17h 50m	(49-51) bp: B: MA CF OD; C: WN EB - bps: A: NU - pi2: A: AC; B: NI - (ssc: B: SO).
01d 20h 16m	(09-28) b: A: SF; B: AE MB - bs: A: SO NU PR CI; B: HL VL - bp: MO SU IK EB MC; B: WI KV? MA CF AQ PE SM; C: TF QU HR - bps: A: OD LG TL; B: DO LE ES WN HA FU HB TA - pi2: B: NI - (si: B: LU).

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(DECEMBER)

02d 00h 28m	(26-30)	bp: B: CF SM; C: WN EB - bps: B: ES - pi2: C: MB - (si: C: LG).
02d 21h 44m	(44-45)	bs: B: SO PR - bp: C: QU - bps: B: TL - pi2: B: EB.
02d 21h 59m	(56-60)	b: A: LE; B: HL SW BE DB - bp: A: NU WN AK; B: MO NI VL MA FU CF HB OD TF; C: KV? EB PE - bps: A: DO; C: LG.
03d 23h 33m	(27-36)	b: B: SW - bs: B: HL - bp: B: SO VL BE CF OD TF IK; C: ES WN HB EB PE - bps: B: LG - pi2: A: NI; B: AQ MB LU.
04d 00h 46m	(45-48)	bp: B: ES SM; C: KV? EB - bps: B: LG - pi2: B: AQ MB - (ssc: B: HB?).
05d 17h 21m	(12-24)	b: B: SW NI - bs: A: NU - bp: B: VL BE CF; C: WN QU - bps: A: MO; B: IR TK GN - pi2: B: AC; C: MT KA KY - pc4: B: WK - (ssc: A: SO; C: TF).
05d 18h 09m	(07-10)	b: A: SF - bs: B: HL - bp: B: TL - bps: B: WN.
06d 13h 57m	(55-60)	bp: B: IR; C: KA PM - bps: C: MT KY.
07d 20h 13m	(12-14)	bp: C: EB - pi2: A: LG; B: TF - (ssc: B: SO - si: B: TR).
08d 22h 58m	(55-60)	b: A: MO SF; B: HL SW - bp: A: OD SU TF IK CI AK; b: SO LE WN VL BE HA MA DB PR CF AQ EB QU MC; C: KV? HB PE AE TA - bps: A: ES; B: FU LG; C: TL - pi2: A: MB; B: NI LU.
08d 23h 46m	(45-47)	bp: B: DB CI - pi2: B: MB.
09d 16h 33m	(30-36)	bp: B: IR - pi2: B: OD TF TK QU AC; C: MT.
10d 19h 31m	(27-40)	b: A: MO - bs: A: SO - bp: A: AK; B: NU BE OD TK; C: KV? TF QU.
11d 18h 09m	(07-10)	bp: B: TR SO.
13d 23h 08m	(07-08)	b: B: SO - bp: C: WN EB - pi2: B: MA.
14d 08h 07m	(07)	bp: A: TE - (si: A: ME).
14d 16h 55m	(50-60)	bp: B: CF - (si: A: OD).
14d 18h 59m	(59-60)	bps: A: MO - (si: A: OD).
14d 22h 34m	(33-35)	bp: B: LG - bps: B: CF - (si: A: OD).
15d 16h 16m	(11-20)	b: A: PR; B: WN SW NI - bp: B: NU BE - (ssc: B: SO - si: B: OD).
15d 16h 43m	(42-45)	bp: B: IR; C: QU.
16d 20h 59m	(58-60)	bp: B: SO - pc4: A: SI TU.
16d 23h 12m	(08-14)	b: B: BE - bp: B: SO MA EB; C: HB PE.
17d 14h 55m	(54-57)	bp: B: TK; C: MT KA KY - bps: A: IR; B: GN - pi2: A: GU AC.
17d 21h 12m	(10-16)	b: A: PR; B: HL SW NI BE - bs: B: LE - bp: A: MO MA PE AK; B: WI HA KV? DB CF LG AQ TK EB CI AE QU GU MC - bps: A: DO NU WN HB OD TF IK; B: ES IR VL FU OD TL - pi2: B: AC - (ssc: A: SO - si: C: TN).
17d 21h 49m	(48-49)	bp: B: HA HR; C: WN.
17d 22h 05m	(02-10)	bp: B: EB MC? - bps: B: ES - (si: B: TF?; C: PP).
19d 20h 28m	(23-31)	bp: A: NU; B: VL FU CF OD TF; C: KV? HB EB - pi2: B: AQ TK PE QU - (ssc: B: SO - si: B: TR).
20d 13h 30m	(30-31)	bps: B: IR - pi2: A: TK GU; B: KA KY QU TO; C: MT.
20d 15h 05m	(00-07)	bp: B: OD - pi2: B: TK QU; C: MT KA KY.
20d 19h 09m	(00-12)	b: A: NU PR; B: SW PE - bs: B: HL - bp: A: IK; B: MO BE MA CF TK EB TN; C: LZ AE - bps: A: OD; B: WN VL FU HB TF TL QU - pi2: B: NI - (ssc: A: SO - si: C: LG).
21d 05h 21m	(08-24)	bs: B: VL; C: PP - bp: A: CI TE SJ TW; B: CF EB SM; C: TL - bps: B: HU; C: TL MB.
21d 15h 11m	(08-14)	bs: A: SO - bp: B: PR OD MT KA KY QU PM; C: WN - bps: A: IR; B: TK TO - pi2: B: AQ.
22d 21h 36m	(36)	bp: C: WN EB - pi2: B: NI.
23d 20h 23m	(20-27)	b: C: AE - bs: B: IR - bp: A: TE; C: TL - (ssc: A: TF).

TABLE 2a BAYS AND PULSATIONS 1966 - continued

(DECEMBER)

24d 07h 12m	(08-16)	b: A: AG FR - bp: A: TE; B: AP - bps: C: PP.
24d 19h 43m	(40-46)	bp: B: VL CF OD TF EB - pi2: B: AQ TK.
25d 01h 17m	(11-20)	b: A: CI; B: ES - bp: B: SM; C: HB.
25d 10h 08m	(00-11)	b: B: IR - bp: A: AP; B: MT KA; C: KY - bps: A: AM-(ssc: B: GU).
25d 12h 45m	(45)	bp: C: MT KA KY.
25d 17h 54m	(47-60)	bp: B: MO IR OD; C: MT.
25d 18h 15m	(15)	b: B: SW? - bp: C: HB.
25d 23h 04m	(00-07)	bp: A: WN; B: ES VL EB; C: HA AE - bps: B: LG TL.
25d 23h 31m	(30-32)	bp: B: CF EB.
26d 18h 39m	(38-40)	bp: B: CF EB - bps: B: VL PR - pi2: A: MA.
27d 05h 10m	(09-12)	bp: A: TE - bps: C: PP.
27d 12h 47m	(45-48)	bs: B: WN - bp: A: MO; B: NI PR - bps: B: HB - (si: A: OD; B: TK).
27d 17h 10m	(10)	bp: A: WN; C: QU.
27d 17h 24m	(22-30)	bp: A: PR; B: ES NI HA CF EB - bps: B: IR VL HB LG TL AE.
28d 11h 43m	(37-49)	b: A: IR - bp: B: OD; C: MT.
28d 13h 17m	(15-18)	b: B: SW - bp: A: IR; B: UB MT KA KY.
28d 13h 36m	(33-41)	b: B: ES WN - bp: A: OD; B: MO HB LU.
28d 18h 38m	(38-39)	bp: B: SO TL.
28d 19h 01m	(57-15)	b: A: SF; B: PE AE MB? - bs: A: PR; B: SO HL - bp: A: ES WN CI MC; B: VL HA MA FU CF LG IK EB SM; C: SU HR - bps: A: OD; B: DB HB TF.
28d 22h 40m	(30-45)	b: A: CI; B: PE; C: AE - bp: A: MC; B: SO LE WN VL HA MA DB CF EB SM; C: HR - bps: B: ES LG.
29d 08h 24m	(19-30)	b: B: IR - bp: C: PP - pc4: B: AC.
29d 22h 24m	(20-29)	bp: A: MC; B: SO VL HA CF HB OD LG EB; C: WN PE - bps: B: LE FU - pi2: B: AQ.
30d 15h 16m	(12-20)	b: B: IR - bp: C: MT - pi2: C: KA KY.
30d 15h 38m	(33-41)	b: A: CI; B: WN SW - bp: A: SO OD; B: LE NI BE PR TF IK; C: HB.
31d 23h 48m	(45-51)	bp: B: LE; C: EB - bps: B: LG - pi2: B: NI CF OD AQ TF.

TABLE 2b BAYS AND PULSATIONS 1966

Commencements of pulsational disturbances (π_2) not associated with bays.
(See remarks at the head of Table 2a)

JANUARY

01d 08h 23m (18-27) A: LM; B: HO GN; C: MT KA TU KY.
 01d 15h 07m (07) C: MT KA KY - (pc4: A: AM; B: PP).
 01d 17h 51m (50-53) B: OD QU.
 01d 18h 07m (06-07) A: TK TW; B: AQ.
 02d 01h 22m (22) B: FR MB HU TW.
 02d 13h 16m (16) C: MT KA KY.
 03d 17h 56m (55-56) B: TW; C: TP - (ssc: B: SO).
 04d 16h 52m (52) C: MT KA KY.
 04d 23h 24m (23-25) B: EB PE.
 05d 19h 55m (50-60) B: HU - (pc4: C: FR).
 06d 10h 08m (06-09) A: CO; B: TO; C: HU.
 07d 03h 09m (07-11) A: TW; B: EB CI PE MB; C: TA HU.
 07d 18h 18m (15-22) B: TF TK LM; C: MT.
 08d 00h 50m (50) C: EB LM.
 08d 13h 44m (44-45) B: HO; C: MT KA KY.
 08d 18h 02m (00-05) B: LM; C: TF.
 09d 15h 29m (20-31) A: TK LM; B: MT KA TP KY.
 09d 17h 44m (42-45) A: LM; B: MA; C: TU - (si: B: ME).
 09d 18h 03m (00-06) A: TF TK; B: NI.
 11d 15h 05m (03-09) B: GN; C: MT KA KY.
 11d 20h 26m (20-30) B: MA OD; C: HU.
 11d 20h 56m (51-60) B: TF TN; C: EB.
 12d 15h 39m (32-40) B: OD GN; C: MT KA KY - (pc4: B: QU).
 12d 17h 03m (00-04) A: LM; B: TK; C: MT TF KA KY.
 13d 01h 22m (20-25) B: OD SM LM; C: EB HU.
 13d 02h 11m (05-20) B: CF AQ - (pc4: B: CI; C: TF - pc5: A: LU).
 13d 11h 09m (09-10) B: HO - (pc5: B: TE).
 13d 11h 26m (25-35) B: PP TO; C: MT.
 13d 17h 02m (59-06) A: LM - (pc4: C: FR).
 14d 22h 25m (25-26) B: PE; C: LM.
 16d 15h 17m (17-18) C: MT KA KY.
 16d 16h 19m (18-20) B: GN; C: LM.
 16d 19h 02m (00-05) B: OD TK.
 17d 02h 23m (20-29) B: LM TW; C: HU - (pc5: A: TE).
 17d 12h 04m (02-08) B: MT KA KY TO.
 17d 12h 36m (35-37) A: CO HO; B: GU GN.
 18d 13h 57m (56-58) A: CO; C: MT KA KY.
 19d 09h 54m (54-55) C: MT KA KY HO.
 19d 13h 17m (15-18) C: MT KA KY - (pc4: B: CO).
 19d 15h 56m (56) C: MT KA KY.
 21d 01h 17m (15-20) A: TW; C: HU.
 23d 00h 22m (22-23) A: FR TW.

TABLE 2b BAYS AND PULSATIONS 1966 - continued

(JANUARY)

23d 06h 35m (35-36) A: AM; B: HO.
 24d 05h 08m (08-09) A: TW; C: LM.
 24d 06h 01m (00-02) C: TU HU.
 25d 01h 49m (48-50) B: EB LM.
 27d 01h 26m (25-28) B: FR; C: LM.
 28d 18h 48m (45-52) A: TF TK; B: LM.
 29d 07h 48m (40-55) B: SI; C: TU - (sfe: KS).
 30d 13h 46m (46-47) C: MT KA KY.
 31d 06h 20m (20-21) B: LM; C: HU.

FEBRUARY

01d 01h 25m (21-30) B: CF AQ - (pc4: B: CI - pc5: B: LU).
 01d 19h 19m (18-21) A: TF; B: OD LM; C: TK HU.
 02d 10h 27m (22-34) A: HO; B: TA TN TO; C: HU - (pc5: A: LU).
 02d 13h 20m (16-28) B: GN TO TW; C: MT KA KY.
 02d 16h 49m (48-50) B: OD LM.
 02d 21h 30m (30) B: OD EB; C: LM.
 03d 23h 57m (56-58) B: OD EB.
 04d 15h 07m (03-15) C: MT KA KY LM.
 04d 22h 35m (29-42) B: EB PE; C: LM.
 06d 17h 45m (39-48) B: OD TF; C: TK.
 06d 18h 18m (18-19) B: TK LM.
 07d 19h 25m (24-26) B: TF LM.
 08d 03h 19m (18-20) C: MB HU.
 08d 12h 01m (00-02) B: MT KA KY TO.
 08d 12h 27m (25-29) B: CO HU TW.
 09d 02h 06m (06) B: LM; C: EB.
 09d 20h 37m (35-39) B: OD EB.
 10d 00h 38m (35-40) B: OD EB PE.
 10d 16h 22m (20-24) A: TF; B: TP.
 10d 16h 42m (42-43) B: LM; C: MT KA KY.
 10d 23h 51m (49-54) B: OD EB.
 13d 00h 00m (00) A: SJ; B: DO.
 13d 00h 12m (10-15) B: SM MB; C: LM.
 13d 00h 48m (47-50) B: FR SM MB; C: PP.
 13d 10h 40m (40) B: PP TO; C: HU.
 13d 15h 12m (10-13) B: QU TW; C: MT KA KY.
 13d 15h 31m (27-35) B: TF; C: LM.
 13d 16h 44m (43-45) A: LM; B: NI CM MT KA KY - (si: A: SO).
 13d 19h 33m (33-34) B: OD; C: CM.
 14d 02h 29m (27-30) B: SM MB LM - (pc4: B: CI - pc5: B: LU).
 14d 03h 06m (03-09) B: SM; C: MB.
 14d 12h 02m (58-04) B: TO; C: MT KA KY.
 15d 00h 08m (06-10) B: OD LM.

TABLE 2b BAYS AND PULSATIONS 1966 - continued

(FEBRUARY)

15d 01h 34m (34-35) B: SM; C: EB.
 15d 06h 51m (50-52) B: PP; C: TU.
 16d 17h 55m (51-60) B: TF TK TN - (pc4: B: QU; C: PP).
 16d 19h 20m (20-21) B: CF TK.
 16d 20h 20m (16-25) B: TP; C: LM.
 18d 15h 27m (25-30) B: TF; C: MT TK KA KY LM - (pc4: C: PP).
 18d 22h 04m (03-05) B: CM OD AQ EB; C: MB.
 19d 14h 49m (45-53) A: SJ - (ssc: B: TC - pc4: B: ES).
 19d 16h 33m (31-40) C: MT KA KY - (si: A: MO).
 20d 12h 12m (12) C: MT KA KY.
 21d 02h 36m (35-37) B: MB TW.
 21d 05h 02m (00-03) A: TW; C: FR HU.
 21d 14h 25m (20-30) B: CM HU.
 22d 08h 21m (20-23) C: PP - (ssc: B: ME).
 22d 12h 08m (07-08) A: MT KA KY; B: GN.
 24d 11h 16m (15-17) A: SI; B: KY.
 24d 14h 42m (39-46) B: TK - (ssc: C: TF).
 25d 14h 32m (31-37) B: MT TK KA KY.
 25d 16h 37m (35-40) B: TK; C: KY.
 27d 04h 47m (44-50) B: LM TW; C: FR HU - (pc5: B: TE).
 28d 11h 05m (05-06) A: CO; B: PP ? - (pc4: B: HO).
 28d 17h 45m (45-46) C: TK LM.

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01d 10h 34m (30-36) C: HO HU - (pc5: A: TE).
 01d 15h 46m (43-50) C: TK LM.
 01d 17h 51m (50-52) A: TK LM; B: OD TF GN; C: ES MT KA KY.
 02d 13h 20m (20-21) B: MT TK EB KA KY HO BI GN TO; C: PP.
 03d 09h 05m (00-10) A: SI; C: HU PP.
 03d 16h 53m (53) C: MT KA KY.
 03d 21h 40m (40-41) B: AQ TP.
 04d 07h 12m (10-15) A: SI; C: PP.
 04d 12h 16m (16) C: MT KA KY PP.
 04d 15h 09m (09) C: MT KA KY.
 06d 09h 00m (00) C: TU PP - (pc4: A: TE).
 06d 22h 59m (58-60) A: SU; B: OD.
 07d 09h 50m (49-50) B: OD GN; C: TK LM - (pc4: A: TE).
 07d 10h 36m (35-40) A: HO; C: MT TK KA KY.
 07d 16h 18m (18) A: TK; B: TP LM.
 07d 17h 13m (12-14) A: TF; B: TP; C: MT KA KY.
 08d 01h 04m (00-07) B: AQ EB SM MB LM - (pc4: CI - pc5: B: LU).
 08d 05h 41m (39-42) B: AG FR; C: TU HU - (pc5: A: TE - pi2+ pc4: B: TW).
 08d 11h 18m (17-20) C: MT KA - (pc4: B: HO).
 08d 17h 00m (56-02) A: TF TK; B: OD TP BI TN LM; C: MT KA KY GN.

TABLE 2b BAYS AND PULSATIONS 1966 - continued

(MARCH)

09d 12h 40m (39-40) B: CO; C: MT TF KA KY - (pc\$: B: PP).
 09d 16h 01m (57-02) B: TK; C: MT KA KY - (pc4: A: TE).
 10d 20h 02m (50-08) A: TF; B: MA AQ TK EB TP TN LM; C: CM HU.
 11d 00h 54m (52-55) B: ES OD AQ EB PE.
 11d 18h 46m (39-51) A: TF TK QU; B: MA OD EB LM TW - (ssc: B: SO - pc4: B: LU).
 12d 07h 53m (50-57) B: HO; C: TU - (pc4: C: FR - pc5: A: TE).
 12d 11h 56m (54-60) C: CM MT KA KY - (si: B: GN - pc4: A: TE).
 14d 10h 11m (11) A: MT KA KY.
 16d 20h 16m (16-17) B: BI; C: CM.
 16d 23h 23m (22-24) B: BI; C: MB LM.
 17d 01h 37m (35-40) B: MB TW.
 17d 14h 29m (29) C: MT KA KY.
 17d 18h 26m (26-27) B: LM; C: MT KA KY.
 18d 01h 30m (30-31) B: TW; C: LM.
 18d 01h 42m (42) B: FR; C: MB.
 18d 13h 51m (50-55) B: BI; C: MT KA KY.
 18d 17h 49m (42-54) B: TF TK LM; C: CM BI.
 20d 12h 35m (35-36) C: MT KA KY - (pc4: A: TE).
 20d 13h 38m (37-40) B: HO; C: MT KA KY.
 21d 20h 35m (30-40) B: TP; C: HU.
 21d 21h 03m (03-04) B: BI LM.
 26d 15h 27m (25-30) A: TU HO.
 27d 21h 27m (27-28) B: OD; C: BI.
 29d 19h 06m (04-07) C: CM TK LM.
 30d 11h 02m (02) B: HU - (si: B: ES).
 31d 19h 25m (25-27) B: ES OD BI; C: LM.

APRIL

01d 07h 02m (00-04) C: HO - (ssc: B: TF).
 02d 10h 39m (38-40) C: MT HO.
 02d 18h 40m (40-41) B: LM; C: TK.
 03d 07h 27m (25-28) A: CO SI; C: TU.
 03d 19h 20m (20) A: HO; B: OD.
 03d 19h 40m (40-41) C: TK HU LM.
 04d 06h 10m (57-20) A: SI HO; B: AG BI LM; C: MT KA TU KY PP - (pc4: A: TE).
 04d 16h 22m (18-23) B: TK; C: MT KA KY.
 05d 05h 59m (55-61) A: CO; B: FR; C: TU BI HU - (pc4: A: TE; B: LM).
 06d 09h 01m (00-02) A: SI; C: MT KA KY.
 06d 18h 16m (13-23) A: TN; B: OD QU.
 06d 18h 40m (33-42) B: NI CM MA TK BI LM; C: MT KA KY - (ssc: A: TR - pc4: B: TE).
 06d 19h 41m (40-42) B: NI; C: CM TK.
 08d 17h 47m (47-48) B: BI LM.
 08d 18h 04m (04) B: TN; C: MT KA KY.
 08d 19h 54m (50-56) B: OD TK LM; C: CM PP.

TABLE 2b BAYS AND PULSATIONS 1966 - continued

(APRIL)

09d 04h 29m (26-33) B: BI; C: HU.
 09d 09h 45m (45) A: HO; C: MT
 09d 14h 41m (40-41) B: GN; C: MT KY.
 09d 21h 19m (19-20) B: OD EB BI.
 09d 21h 43m (37-50) B: AQ TF PE TN; C: CM MB HU.
 09d 22h 45m (40-48) B: AQ BI; C: MB.
 10d 00h 06m (05-08) B: EB BI.
 12d 06h 38m (35-42) B: PP - (si: C: AE).
 12d 07h 05m (05-06) B: HO; C: TU - (pc5: A: TE).
 12d 13h 00m (00) C: HO HU.
 12d 23h 02m (53-12) B: CF AQ BI LM; C: TA - (ssc: C: HB?).
 13d 03h 21m (05-30) A: SJ; B: HU; C: EB TU TA PP - (ssc:C:SU BI-si:B:LG-pc4:A:TE).
 13d 07h 07m (03-12) B: PP; C: HU.
 13d 09h 33m (32-35) A: HO - (si: A: CO).
 14d 07h 45m (43-47) B: HO; C: PP - (pc4: A: TE).
 15d 05h 43m (40-45) A: SI; C: TU - (pc4: A: TE).
 16d 21h 50m (47-52) B: MA AQ TF EB BI LM.
 17d 01h 46m (45-48) B: FR; C: BI.
 17d 06h 22m (20-25) C: TU HU.
 18d 01h 29m (23-32) B: OD AQ EB SM MB BI; C: LM - (pc4: A: CI).
 18d 23h 36m (20-47) B: OD AQ BI; C: FR TA MB LM - (pc5: B: LU).
 19d 00h 36m (35-37) B: ES CF AQ; C: MB HU.
 19d 01h 13m (11-15) B: SM; C: MB.
 19d 06h 47m (45-50) C: TU HO HU.
 19d 16h 17m (17-18) B: LM; C: FR - (pc4: A: TE).
 20d 21h 49m (45-50) B: ES CM MA OD EB BI LM - (ssc: B: SO).
 21d 00h 11m (06-18) B: ES NI EB BI LM; C: CM.
 21d 20h 31m (30-33) B: MA BI; C: CM - (ssc: C: TR).
 22d 04h 51m (50-55) B: FR BI; C: HU - (pc4: A: TE).
 22d 23h 56m (55-57) B: CF EB BI.
 23d 03h 05m (03-07) A: FR; C: TU HU LM - (pc4: A: TE).
 23d 23h 05m (01-08) B: MA CF TF EB BI LM.
 25d 19h 16m (14-22) A: TF; B: OD TP BI; C: LM.
 26d 06h 09m (08-10) C: TU PP.
 26d 20h 07m (06-08) B: TF TK; C: LM.
 28d 16h 46m (41-48) A: TK; B: NI CM MA AQ BI LM GN; C: MT KA KY HU TO-(pg:
 OD - pc4: B: CO).

MAY

01d 19h 39m (39-40) B: LM; C: TK.
 02d 08h 31m (30-33) B: BI - (sfe: IR).
 03d 16h 44m (44) C: MT KA KY.
 03d 21h 05m (05) B: MB; C: LM.
 05d 05h 40m (40) B: FR; C: TU.
 05d 08h 35m (35) A: CO; B: SI.

TABLE 2b BAYS AND PULSATIONS 1966 - continued

(MAY)

06d 15h 06m (06) C: MT KY.
 06d 20h 32m (32-33) B: AQ; C: EB.
 06d 23h 51m (50-52) C: FR LM.
 07d 08h 53m (50-55) A: SI TU; C: HO HU - (si: A: CO - pc4: A: TE).
 08d 09h 24m (21-27) C: PP - (ssc: C: LM).
 08d 14h 15m (15) C: MT KA KY.
 09d 20h 48m (41-60) B: ST MA OD AQ TF TK EB BI LM - (pc4: B: SI).
 10d 21h 38m (37-40) B: ST MA CF OD AQ TF TK EB PE TN LM; C: CM - (ssc: B: SO).
 11d 01h 28m (27-30) B: SM; C: HU.
 11d 02h 29m (29-30) B: SM; C: HU.
 11d 05h 15m (14-16) B: LM - (pc5: A: TE).
 11d 07h 32m (28-35) A: CO; B: HO PP - (pc5: A: TE).
 11d 12h 35m (34-35) B: TO; C: MT KA KY - (pc4: A: SI; B: HO).
 11d 15h 31m (30-33) B: BI GN.
 11d 20h 32m (30-34) B: BI; C: LM.
 13d 16h 49m (48-50) B: OD; C: TK.
 13d 17h 52m (51-54) B: TF; C: TK.
 14d 20h 21m (12-30) B: OD AQ EB PE BI; C: CM TF LM - (pc5: B: ES).
 14d 20h 50m (47-54) B: CF TK.
 15d 07h 04m (03-05) A: CO - (pc5: A: TE).
 15d 16h 43m (42-44) C: TK - (pc5: C: ES).
 15d 20h 03m (00-06) B: BI; C: TF TK EB LU HU.
 16d 03h 29m (27-30) B: SM; C: HU - (pc5: A: TE).
 16d 13h 37m (36-38) C: MT TK KA KY.
 16d 14h 47m (48-52) A: TK; B: AQ; C: CM TF GN.
 17d 20h 32m (21-40) B: CF EB; C: CM LM.
 18d 14h 22m (18-28) A: CO GN; B: TK BI TO; C: CM MT KA KY HU - (pc4: A: TE).
 18d 16h 00m (58-01) A: TK; B: ES ST OD QU BI LM; C: TF HU.
 18d 16h 34m (34) C: MT KA KY.
 18d 16h 53m (52-54) B: CM AQ.
 18d 20h 48m (47-50) B: MA; C: CM LM.
 19d 13h 01m (00-03) B: GN; C: TO.
 20d 01h 02m (01-03) B: EB - (pc4: B: CI).
 20d 12h 32m (29-40) B: GN; C: MT KA KY HU.
 20d 13h 44m (44) C: MT KA KY.
 21d 08h 56m (55-58) C: CM - (pc4: C: LM).
 21d 10h 52m (50-55) B: HO; C: MT - (pc5: B: PP).
 21d 20h 37m (30-42) B: TF BI; C: TK.
 22d 04h 35m (35-36) B: FR; C: TU.
 22d 05h 30m (30-31) C: HU PP - (pc4: B: LM).
 23d 10h 14m (09-20) A: CO; B: HO - (pc5: B: TE PP).
 24d 20h 59m (55-63) B: MA TK IK LU; C: HU.
 24d 21h 14m (13-15) B: AQ EB BI; C: TN.
 25d 02h 12m (04-15) B: FR SM MB BI; C: HU LM - (pc5: B: ES).

TABLE 2b BAYS AND PULSATIONS 1966 - continued

(MAY)

25d 15h 44m (42-47) A: TK; C: TF.

JUNE

03d 04h 08m (03-12) C: FR MB HU LM - (pc4: A: TE).

03d 04h 42m (40-44) C: TA MB.

04d 10h 46m (45-46) A: CO; B: HO PP.

04d 19h 44m (42-45) B: MA OD AQ TF BI LM.

05d 02h 22m (20-24) B: SJ; C: HU LM.

05d 03h 20m (19-20) B: ES; C: TU TA - (pc5: B: SI?).

05d 04h 30m (30) C: MB HU.

05d 18h 46m (42-50) B: MA TF TK BI LU LM; C: CM EB HU - (pc5: B: ES).

06d 01h 00m (00) A: MB; C: ST FR - (pc4: B: ES NI).

06d 01h 14m (08-21) B: EB PE BI; C: CM TA LU HU - (pc4: A: CI LM).

06d 02h 42m (41-44) B: CF MB.

06d 16h 05m (04-06) A: TK; B: TP; C: TF.

06d 16h 35m (34-37) B: TO; C: MT KA KY.

06d 21h 26m (25-27) B: OD; C: LM.

06d 23h 09m (06-11) B: CF AQ EB PE MB.

07d 07h 24m (20-27) B: SI PE HO; C: TU PP LM - (pc4: A: TE).

07d 19h 25m (24-27) B: OD TF; C: LM.

09d 22h 05m (03-06) B: AQ TK; C: CM.

10d 21h 40m (36-42) A: LG; B: MA CF AQ EB PE SM MB LU; C: TK HU.

10d 22h 36m (34-39) A: LG; B: AQ TK MB LU; C: TF.

11d 06h 54m (51-58) B: PP; C: TU LM - (pc5: A: TE).

11d 12h 52m (52) B: CO; C: MT KY.

12d 13h 41m (40-42) B: TK; C: KA KY.

13d 23h 00m (00) B: OD SM BI.

14d 18h 08m (58-19) A: QU; B: OD TF TK TP - (pc4: A: TE).

15d 09h 25m (23-26) A: CO HO; C: LM.

15d 10h 11m (10-12) B: HO; C: MT.

15d 12h 08m (08) C: MT KA KY.

17d 10h 14m (14-15) A: SI; B: CO OD PP.

17d 18h 32m (30-33) B: OD TK; C: CM LM.

18d 10h 35m (34-35) B: CO HO PP.

18d 19h 01m (00-02) B: ES CM MA OD HU - (pc4: B: PP).

18d 19h 25m (20-30) B: AQ TF TP LU LM; C: TA - (si: A: SO; B: TR).

19d 00h 59m (57-60) A: MB; B: SM HU; C: EB TA LM.

19d 20h 23m (22-24) B: OD; C: LM.

21d 01h 13m (12-14) B: PE MB; C: HU LM - (pc4: B: LU).

21d 08h 28m (23-30) B: HO; C: HU PP - (pc4: A: TE).

21d 11h 44m (44-45) C: KA KY.

21d 22h 03m (03-04) B: EB PE.

21d 22h 56m (55-57) B: ES MA CF AQ FR LU; C: CM TA LM - (pc4: B: CI).

22d 12h 06m (05-07) B: HU; C: CM LM - (pc4: A: TE).

TABLE 2b BAYS AND PULSATIONS 1966 - continued

(JUNE)

22d 16h 55m (54-55) A: TK; B: MT KY; C: KA.
 23d 18h 56m (55-58) B: MT KA KY PP.
 26d 20h 42m (40-45) B: MA CF OD AQ EB PE MB BI LU LM; C: CM HU.
 27d 20h 36m (30-38) B: OD BI LM; C: CM.
 28d 17h 06m (00-09) A: TK; B: CM MA EB GN; C: MT KA KY - (pc4: C: HO - pc5: A: SI).
 28d 18h 02m (00-05) B: TF; C: TK.
 30d 20h 41m (40-42) B: CM TP.

JULY

01d 03h 30m (29-32) B: AC TW.
 01d 12h 59m (59-60) C: MT KA KY.
 01d 22h 26m (16-35) B: ES MA OD TF EB PE QU LM; C: CM - (pc4: B: AC).
 02d 06h 49m (47-50) B: CO LM; C: HU - (pc4: A: AC).
 02d 15h 51m (48-55) A: OD TK; B: MT TF KA KY GU GN TO - (pc4: B: AC).
 02d 18h 07m (07) C: MT KY.
 03d 10h 44m (43-45) C: HO - (si: A: CO).
 03d 18h 33m (30-34) A: TK; B: OD; C: MT KA TP KY.
 03d 18h 47m (46-48) A: QU; C: TF LM.
 03d 19h 22m (22-23) B: AQ; C: HU.
 03d 20h 00m (00-01) B: AQ - (pc5: B: AC).
 05d 03h 01m (01-02) B: AC TW.
 05d 22h 59m (58-60) B: PE BI.
 06d 12h 55m (49-60) B: BI; C: FR - (pc4: B: AC).
 06d 20h 28m (24-30) B: ES OD LM; C: SU.
 06d 21h 46m (46-48) B: AQ EB LU AC.
 07d 01h 29m (20-37) A: AC; B: PE SM MB; C: EB HU LM.
 07d 09h 31m (30-33) A: CO SI.
 07d 22h 07m (04-10) B: BI - (ssc: B: LG).
 07d 22h 27m (24-30) B: AQ EB PE MB; C: CM.
 07d 23h 29m (25-34) B: TN - (ssc: B: IR).
 08d 03h 26m (25-28) A: MB AC.
 10d 10h 05m (05) B: BI; C: LM.
 13d 00h 25m (25) B: BI LM.
 13d 02h 10m (10) B: BI AC.
 13d 07h 22m (20-25) B: SI SM.
 13d 08h 40m (40-42) A: CO; C: TU HO - (pc4: B: TE).
 14d 01h 31m (29-33) B: AC; C: LM.
 14d 02h 19m (15-25) A: AC; B: TW; C: HU - (pc4: C: HO).
 14d 04h 12m (10-15) A: AC; C: HU - (pc4: A: TE).
 14d 18h 04m (03-05) B: TF TK.
 14d 19h 11m (11-12) B: HA TK.
 15d 02h 25m (23-27) B: SM LM; C: CM FR HU - (pc4: A: AC; B: CI BI - pc5: A: TE - pc4+pc5: B: TW).
 15d 20h 01m (00-02) B: LM; C: HU.
 16d 02h 38m (36-40) B: TW; C: HU - (pc4: A: AC).

TABLE 2b BAYS AND PULSATIONS 1966 - continued

(JULY)

16d 17h 47m (44-54) B: UB TK QU; C: TF.
 16d 21h 47m (39-50) B: HA MA TF EB PE BI LM.
 17d 18h 00m (00) B: TK BI.
 18d 09h 30m (30-31) B: BI - (si: B: OD).
 18d 16h 45m (42-47) A: TK; B: TF QU; C: CM.
 19d 04h 35m (28-46) A: AC; B: BI HU - (pc4: B: TE - pi2+pc4: B: TW).
 19d 07h 59m (58-60) A: HO AC; C: TU - (pc4: A: TE).
 20d 16h 18m (18) A: TK; B: TF.
 20d 16h 43m (42-44) B: QU AC.
 20d 20h 00m (00-01) B: BI; C: HU.
 20d 21h 39m (39-40) B: MA AQ EB LM.
 20d 21h 54m (52-56) B: ES CF LG IK QU MB LU.
 21d 01h 36m (32-40) A: TE AC; B: MA EB MB LM TW; C: CM.
 21d 16h 46m (45-48) B: BI; C: LM.
 25d 02h 34m (25-40) A: AC; B: FR SM BI HU LM; C: TW - (pc4: B: TE).
 25d 08h 33m (30-35) C: TU HO - (pc4: A: TE).
 25d 20h 07m (03-10) B: OD AQ TF BI.
 26d 08h 49m (45-50) A: CO SI AC; B: HO; C: TU HU - (pc4: A: TE).
 26d 16h 40m (40) C: MT KA KY.
 27d 21h 04m (00-09) B: MA OD AQ TF EB PE BI LU.
 29d 09h 52m (52-53) A: CO; C: MT.
 30d 15h 58m (57-59) B: TK GN; C: MT KA KY.
 30d 21h 03m (55-10) A: TF LU; B: ES MA OD AQ EB PE TI HU LM.
 31d 01h 03m (59-06) B: PE; C: LM - (pc4: B: AC).
 31d 02h 00m (00-01) A: AC; C: HU.
 31d 07h 01m (00-02) B: CO SI - (pc4: B: AC).

AUGUST

01d 01h 45m (45-46) A: AC; B: PE BI.
 01d 02h 31m (31) B: PE - (pc4: C: PP ?).
 01d 09h 12m (10-15) B: HO - (pc4: B: BI).
 01d 12h 16m (16) C: MT KA KY TO.
 01d 19h 01m (59-03) B: OD EB BI LM; C: HU.
 01d 19h 50m (48-52) B: TF TK.
 03d 04h 12m (00-16) A: AC; B: AG FR BI HU LM; C: TU - (pc4: A: TE; B: SJ; C: TF HO - pi2+pc5: C: TW).
 04d 19h 35m (30-38) B: TF TK LM.
 05d 21h 54m (53-55) B: MA CF EB LM.
 05d 23h 34m (34-35) B: EB LM.
 07d 17h 53m (50-56) B: OD SU; C: TK.
 09d 14h 48m (42-53) A: TK; C: MT KA KY - (ssc: C: MA HB? SU TF - si: B: LG).
 12d 00h 06m (06-07) B: CF - (pc4: B: AC).
 12d 06h 07m (00-12) A: SI; B: HO; C: TU.
 13d 17h 23m (20-30) A: TF TK; B: NI OD GN; C: MT EB BI.
 15d 20h 06m (03-10) B: OD; C: TK.

TABLE 2b BAYS AND PULSATIONS 1966 - continued

(AUGUST)

15d 22h 20m (19-21) B: NI; C: TA.
 16d 18h 09m (04-14) B: OD; C: SU.
 16d 23h 54m (53-54) B: AC; C: TA LM.
 17d 17h 04m (02-06) B: TF; C: EB BI.
 18d 01h 05m (02-07) B: CF OD EB BI LM; C: TA - (pc4: B: CI AC).
 18d 03h 12m (10-18) A: AC; B: PE LM; C: TA BI.
 18d 15h 50m (49-52) B: GN; C: MT KA KY.
 19d 04h 42m (40-44) A: AC; C: TU.
 20d 02h 53m (51-55) A: AC; C: TA - (pc4: C: LM).
 20d 18h 09m (09) B: TF; C: TK.
 20d 21h 33m (33-34) B: BI LM.
 21d 02h 37m (35-40) A: AC - (pc4: C: TW).
 21d 07h 31m (30-33) A: CO; B: SI.
 21d 15h 07m (03-08) B: CO OD GN TO; C: MT KA KY - (pc4+pi2: B: AC).
 22d 15h 04m (59-09) B: BI; C: TF.
 23d 03h 58m (54-61) A: AC; C: TA - (ssc: B: BI; C: PP?).
 26d 00h 53m (50-56) B: BI LM.
 26d 05h 06m (05-08) A: AC; C: TU.
 27d 03h 51m (50-53) A: AC; B: TW - (pc4: B: TE).
 27d 12h 47m (47) B: KA KY; C: MT.
 28d 17h 46m (39-53) A: TK; B: OD; C: MT LM - (ssc: C: TF).
 29d 14h 53m (52-53) B: KA KY; C: MT.

SEPTEMBER

01d 01h 54m (54) A: AC - (pc4: B: LM).
 02d 00h 27m (25-30) C: TA LM.
 02d 13h 13m (12-15) A: TE; B: BI.
 07d 03h 04m (04-05) B: LM - (pc4: B: BI).
 07d 11h 52m (52) A: MT KA KY.
 07d 23h 09m (09-10) B: PE BI.
 09d 05h 34m (33-35) (A: AC; B: HO).
 09d 20h 19m (17-21) B: MA EB; C: LM.
 10d 13h 36m (35-36) C: MT KA KY.
 11d 03h 16m (15-17) B: TW - (pc4: B: TR).
 11d 04h 57m (57-58) A: TW; B: AC.
 11d 09h 35m (35) A: CO SI.
 12d 05h 40m (40-41) A: AC; C: TU.
 12d 07h 08m (07-10) A: AC; C: HO - (pc4: B: TE).
 12d 16h 09m (08-10) B: GN; C: KA KY.
 12d 20h 37m (37) B: AQ LM.
 14d 05h 24m (21-27) A: AC; B: FR - (pc5: B: TE).
 15d 18h 57m (57) A: LM - (ssc: B: SO).
 16d 01h 17m (16-18) A: AC TW; B: MA; C: TA.
 17d 13h 55m (54-60) A: CO; C: KA KY BI.

TABLE 2b BAYS AND PULSATIONS 1966 - continued

(SEPTEMBER)

17d 20h 55m (55) C: BI LM.
 18d 08h 00m (55-03) B: TR PP; C: BI.
 19d 14h 46m (45-46) A: AC; B: PE BI LM TW.
 20d 14h 11m (10-11) C: MT KA KY BI.
 21d 09h 10m (10) B: SI PP.
 21d 23h 22m (22-23) B: NI BI.
 22d 00h 37m (33-42) A: AC; B: MA BI; C: EB LU.
 23d 02h 18m (15-21) A: AC; B: LM TW; C: BI - (pc4: B: CI).
 23d 06h 54m (53-55) B: LM - (pc4: B: ES).
 26d 01h 23m (19-33) A: AC TW; B: FR TU SJ - (pc4: A: SI TE).
 26d 01h 44m (44-45) B: HO; C: KY.
 26d 22h 23m (21-25) B: EB BI.
 27d 13h 42m (40-44) B: GN; C: MT KA KY.
 29d 13h 30m (30) B: KA KY; C: MT.
 29d 19h 28m (27-29) B: NI LM.
 30d 03h 45m (42-48) C: BI - (pg: B: HA).
 30d 21h 43m (43-44) B: MB; C: TA.

OCTOBER

01d 17h 35m (35-36) B: OD; C: TK.
 02d 07h 10m (09-11) B: TW - (pc4: B: TE).
 02d 23h 24m (23-25) B: MB; C: TA.
 03d 00h 06m (05-06) A: AC; C: TA MB.
 03d 11h 13m (11-16) A: AC - (pc4: B: TE).
 03d 21h 04m (03-07) B: OD AQ PE QU; C: TK - (ssc: B: SO).
 04d 01h 42m (41-43) A: SF; B: PE MB.
 04d 02h 46m (35-56) A: AC TW; B: FR HU - (pc4: A: TE; B: PP).
 04d 03h 39m (36-42) A: SI - (ssc: B: ME).
 05d 23h 07m (07-08) A: AC; B: TW.
 08d 21h 04m (00-09) B: OD; C: TF.
 09d 03h 45m (42-47) B: AC - (pc4: B: TE - pi2+pc4: B: TW).
 11d 18h 27m (24-30) B: UB OD TF TK - (pc4: B: QU).
 12d 06h 58m (54-60) A: AC; B: PP; C: TU HU - (pc5: B: TE).
 13d 16h 04m (03-05) B: QU; C: KY.
 14d 22h 31m (29-32) B: MA OD AQ QU AC; C: EB TA LU.
 17d 03h 34m (30-42) A: AC; C: HU - (sfe: IR).
 18d 20h 27m (25-30) A: TF; B: OD AQ TK EB QU; C: SU TA - (pc5: B: TR).
 19d 17h 18m (18-20) A: AC; B: AQ TK QU; C: MT KA KY PP.
 19d 21h 50m (48-51) A: AC; B: TR MA CF OD AQ TF EB QU; C: TA HU.
 19d 22h 40m (39-44) B: TR AQ QU AC.
 20d 10h 27m (26-27) B: AC TO; C: MT KA KY PP.
 20d 16h 27m (20-31) A: TF; B: OD TK QU AC.
 21d 10h 27m (25-30) A: AM; B: HU; C: MT AC - (pc4: A: SI; B: TE).
 21d 12h 31m (28-36) A: UB; B: HU AC; C: MT.

TABLE 2b BAYS AND PULSATIONS 1966 - continued

(OCTOBER)

21d 12h 53m (50-55) B: TO; C: KA KY.
 21d 18h 09m (06-11) A: TF TK; B: QU HU AC; C: TW - (pc4: B: TR).
 22d 23h 12m (12) B: AQ PE.
 23d 20h 14m (12-18) A: TF TK; B: MA CF OD AQ EB TE HU AC; C: LU - (ssc: B: TR).
 24d 20h 28m (27-30) B: EB LU - (ssc: B: SO).
 25d 12h 20m (20) B: KA KY; C: MT.
 26d 13h 46m (45-46) B: MT KA KY GU.
 26d 14h 49m (48-49) C: MT KA KY - (pc4: B: SI?).
 29d 23h 59m (50-56) B: EB PE - (pc4: B: TR).
 30d 04h 23m (18-30) B: UB - (pc4: B: TF - pc5: B: TE).

NOVEMBER

03d 17h 40m (38-42) B: BI; C: FR.
 04d 03h 28m (26-31) B: AC - (si: C: LG).
 04d 04h 05m (05-06) A: AC - (pc4: B: TE).
 06d 13h 10m (09-10) C: MT KA KY.
 07d 08h 08m (05-13) A: HO; C: TU HU - (pc4: B: AC - pc5: A: TE).
 08d 14h 55m (55) C: MT KA KY.
 08d 18h 06m (04-08) A: TK; B: QU GN; C: MT.
 09d 16h 02m (01-03) B: OD MT TK KA KY AC TW - (pc4: B: TR).
 10d 05h 44m (42-46) A: AC; B: HU - (pc5: A: TE).
 10d 12h 15m (10-20) C: TU - (pc4: C: HO).
 12d 09h 00m (58-01) A: AM; B: HO - (pc4: B: TE).
 13d 07h 19m (15-24) A: HO - (pc4: B: PP - pc5: A: TE).
 14d 22h 41m (40-42) B: OD; C: EB.
 15d 18h 47m (47) B: OD TF?
 16d 14h 19m (17-24) C: UB MT KA KY - (pc4: A: CO).
 16d 21h 30m (30) B: LG; C: EB LU - (pc5: B: ES).
 17d 01h 39m (35-44) A: TW - (pc5: A: TE).
 17d 10h 29m (28-30) B: HO - (pc4: B: TE).
 20d 00h 41m (40-42) A: LG MB.
 20d 17h 47m (46-48) B: QU; C: KY.
 21d 07h 44m (44-45) A: HO; B: PP.
 21d 12h 46m (45-48) A: TE - (pc4: B: TR).
 21d 16h 10m (06-15) B: OD TF.
 23d 08h 34m (30-39) A: SI; C: PP.
 23d 11h 19m (18-20) A: AC; B: KY HO HU TO; C: MT KA.
 23d 22h 11m (10-11) B: SU AQ; C: TF.
 24d 05h 59m (57-60) B: HO; C: TU - (pc4: B: PP).
 24d 14h 06m (06) A: AC; B: MT KA KY QU.
 24d 20h 15m (11-18) B: OD TF QU - (ssc: B: SO).
 25d 07h 45m (45-46) A: CO; B: SI PP.

TABLE 2b BAYS AND PULSATIONS 1966 - continued

DECEMBER

02d 07h 40m (40) B: PP - (pc4: B: SI).
 03d 17h 45m (42-48) B: OD TK QU.
 07d 15h 34m (34-35) B: QU GN.
 10d 06h 44m (44-45) C: TU PP.
 10d 09h 19m (15-25) B: TO; C: TU - (pc4: A: TE).
 11d 04h 11m (11-12) B: SM AC.
 11d 16h 09m (04-12) B: TK QU; C: TF.
 12d 01h 07m (06-09) A: SJ - (ssc: A: TF).
 15d 15h 13m (12-16) B: MT KA KY - (si: C: PP).
 17d 02h 24m (23-24) A: AC; B: CI MB.
 18d 14h 25m (25) B: TO; C: MT KA KY.
 19d 16h 05m (04-12) B: TF QU; C: MT KY - (pc4: B: TR CO TK).
 21d 00h 20m (19-21) B: AC TW; C: MB.
 21d 05h 02m (00-04) B: PP; C: TU.
 21d 20h 25m (25) B: EB - (si: A: SO).
 22d 13h 44m (44) A: AC; C: MT KA KY.
 27d 12h 29m (27-30) C: MT KA KY.
 28d 17h 50m (50) B: CF - (ssc: B: SO).
 30d 02h 57m (57-58) A: TW; C: HU - (pc4: B: TR?).

TABLE 2c BAYS AND PULSATIONS 1966

Commencements of pulsational disturbances (pc4) not associated with bays.
(See remarks at the head of Table 2a)

JANUARY

19d 14h 36m (33-40) A: FR TE.
20d 11h 00m (00) B: SI - (pi2: C: HO).
26d 13h 35m (30-40) A: FR; B: ES LM; C: TU - (pi2: C: CM).
26d 15h ..m (..) B: MT KA KY.
27d 12h 43m (40-50) A: FR; B: CO - (pi2: B: HU).
28d 10h 58m (57-60) A: TE - (pi2: C: HO).

FEBRUARY

04d 17h 57m (55-60) A: SI; C: LM.
17d 06h 09m (09-10) A: TE - (pi2: C: PP).
21d 14h 57m (50-70) A: TE; B: CO?; C: TU HO.
21d 15h 29m (28-30) B: LM - (pi2: C: TK).
27d 20h 57m (55-60) A: LU - (pi2: OD).

MARCH

08d 10h 53m (50-57) B: PP - (ssc: A: SJ).
30d 05h 05m (02-09) B: BI WK - (pi2: B: CM).
31d 05h 04m (04-05) A: TE - (pi2: C: LM - pi2+pc4: B: TW).

APRIL

17d 05h 34m (30-39) A: TE - (pi2: C: HU).
20d 07h 43m (39-48) A: TE - (ssc: A: CO).
24d 04h 36m (35-37) B: TE - (pi2: C: LM).
28d 09h 14m (13-15) A: TA - (pi2: B: HO).

MAY

12d 03h 29m (20-34) A: TE; B: BI LU - (pi2: B: HU LM).
12d 12h 10m (05-15) A: TE - (pi2: B: BI).
13d 04h 45m (45) A: TE - (pi2: C: TU).

JUNE

05d 03h 44m (43-46) A: TE - (pi2: C: MB).
08d 01h 00m (00) A: SI AM; B: BI.
08d 02h 31m (30-32) A: CO?; B: TE - (pi2: C: HU).
10d 19h 27m (26-29) B: ES QU.
16d 08h 56m (53-60) B: SI - (pi2: C: PP).
20d 08h 11m (00-03) A: TE - (pi2: C: HU).
22d 05h 38m (36-40) A: TE - (pi2: C: HU).
23d 09h 01m (00-02) A: TE - (pi2: B: HU).

JULY

05d 06h 53m (52-54) A: AC; B: FR.
06d 06h 05m (00-10) b: LM - (pi2: C: HU).
08d 01h 00m (00) B: SI BI.

TABLE 2c BAYS AND PULSATIONS 1966 - continued

(JULY)

08d 01h 43m (42-44) B: TE AC.
 20d 05h 16m (14-20) A: AC; B: TW; C: BI.
 20d 11h 47m (38-60) B: TE BI AC?; C: ES LM.

AUGUST

03d 01h 29m (28-30) B: TR; C: PP? - (pi2: C: LM).
 03d 06h 28m (28) B: AC - (pi2: C: LM).
 04d 09h 01m (00-02) B: HO - (ssc: A: CO).
 09d 09h 59m (58-60) B: HO TE - (pi2: C: MT).
 17d 12h 58m (57-60) B: BI - (pi2: C: TO).
 23d 09h 05m (03-10) A: TE AC - (pi2: A: SI; C: TU).
 26d 04h 26m (26-27) A: TE AC.
 27d 03h 25m (21-30) B: BI LM.

SEPTEMBER

01d 12h (58m) (58) B: NI; C: LM.
 11d 12h 18m (18) B: BI AC.

OCTOBER

14d 06h 35m (33-36) B: TE; C: PP - (pi2: B: AC).
 15d 02h 15m (14-16) B: TR AC.
 20d 04h 15m (15-16) A: TE AC - (pi2+pc5: B: TW).
 25d 06h 01m (59-03) A: TE - (pi2: B: AC).
 31d 04h 04m (00-08) A: AC; B: TR QU PP?; C: KY.

NOVEMBER

03d 05h 08m (08-09) A: TE; B: AC.
 03d 13h 11m (10-13) B: BI - (si: B: PM).
 12d 01h 18m (17-19) A: AC - (pc4+pc5: B: TW).
 26d 19h 20m (20) B: HO AC; C: TU - (pi2: B: FR).

DECEMBER

16d 21h 27m (27) CO? MT? KA? KY? TE.

TABLE 2d BAYS AND PULSATIONS 1966

Commencements of pulsational disturbances (pc5) not associated with bays.
(See remarks at the head of Table 2a)

JANUARY

17d 03h 09m (09-10) A: LU - (pi2: C: HU).

FEBRUARY

02d 03h 57m (54-60) A: TE - (pi2: C: HU).

16d 06h 10m (10-12) A: TE - (pi2: C: PP - pc4: C: FR - pc4+pc5: B: TW).

MARCH

25d 12h 42m (42) A: SI?; B: BI.

APRIL

none

MAY

23d 06h 08m (06-10) A: TE - (pi2: C: HU).

JUNE

none

JULY

none

AUGUST

none

SEPTEMBER

12d 03h 58m (58-59) B: TW - (pc4: C: BI).

13d 22h 30m (30) A: TR - (pi2: C: BI).

OCTOBER

25d 13h 46m (45-48) A: TE - (pi2: AG).

30d 01h 06m (03-11) B: TE - (si: B: HL - pg: B: ME).

NOVEMBER

15d 09h 16m (16-17) B: TE - (pi2: C: PP).

DECEMBER

16d 20h 05m (00-11) A: TU - (ssc: B: SO - pg: A: TE).

TABLE 2e GIANT PULSATIONS 1966

Exceptional pulsations of very great period and regularity with a sufficient relative amplitude. (checked by 53 observatories).

JANUARY

09d 15h 02m A: CO - B: SI AG FR MU AM SB - C: RA TF TU HO GU TG - (pi2: A: IR (15 23) - C: HR - pc5: C: MT KA KY).
 26d 20h 05m A: FR TE - B: CO SI TU SJ DU (19 50 - 20 05) - C: ES LG TL (20 05 - 20 59) SM HO GU PA HR (20 11 - 20 55) - X: AG SF - (pi2: B: OD - pc4: B: AM - pc5: C: MT KA KY).

FEBRUARY

none

MARCH

15d 12h 15m A: SO CO - B: TR MU - C: SI KN TU.
 16d 23h 45m A: CO - B: AG TF - C: SI KN FR GU - X: SO RA SM AP SB - (pi2: A: TL; B: OD).

APRIL

none

MAY

25d 20h 00m A: CO OD - B: SI MU - C: BU TF FR TU HO DU - X: KV SJ TG.

JUNE

none

JULY

none

AUGUST

none

SEPTEMBER

05d 03h 09m A: CO TG - B: SF (03 07) - C: TR (03 05) DO LE WN (03 09 - 03 35) DB RA (03 02 - 03 42) AG LG TF KS SJ MU - X: KV - (b; HR - pc5: MC (03 05)).
 30d 15h 10m A: NU BU FU (15 13) OD LG SF (15 08) KS - B: CO DO LE (15 13 - 15 29) ES (15 14 - 15 35) WN (15 10 - 15 35) WI VL (15 10 - 15 35) BE (15 10 - 15 40) DB AQ (15 11 - 15 33) SM QU MU TG HR (15 12 - 15 32) DU - C: IR HA (15 12 - 15 33) MA AG TF TL (13 40 - 15 40) FR TU SJ GU PA AP AM KG - E: CM - X: RA - (pc5: B: MC; C: MT KA KY).

OCTOBER

none

NOVEMBER

none

DECEMBER

27d 13h 25m A: OD - B: SI ES (13 35 - 13 38) AG LG SM (13 30) - C: LE WN WI IR DB BU TL (13 25 - 13 42) FR SF TU HO SJ MU PA - E: TR CO DO KN CM RA FU TF KS QU AM KG DU SB - X: TG - (pc3: A: HR).

TABLE 3a SUDDEN IMPULSES (S.I.'S) 1966

This list cannot be considered as complete and can therefore not be used for statistical purposes without caution. (See cautionary note at the head of Table 2a). (checked by 63 observatories)

JANUARY

- 02d 02h 14m (00-15) A: SO SF KS MU AA TG - B: TR CO BE TU LP AL GU PA AM DU SB - C: NU LE SI KN WI IR KV DB RA SU MT LG KA KY TE SJ TN - X: AP AC - (ssc: B: QU HO - b: EB - bs: B: HR - bp: FU TL MC - pi2: C: WN) - D: 19.
- 14d 07h 25m (25-26) A: SO NU OD SU TF SF AL MU AA TG - B: ES VL HA DB LG AQ EB FR KS QU LP HO GU PA MC HR - C: TR CO LE KN WN WI IR BE CM KV MA RA MT AG SM KA TU KY TE KG DU SB - E: TL - X: AC - (ssc: B: SJ AP TN - b: C: AM - cr: B: FU?) - D: 8.
- 28d 22h 22m (21-22) A: SO CO NU KN MO IR NI BE CM HA MA DB RA PR FU HB OD SU MT AG LG AQ TF EB FR AK SF KA TU KY QU LP HO AL SJ MU GU AA MC TG AP TN HR SB - B: TR DO LE SI ES WN WI VL KV TL PA AM KG DU - C: TE - E: KS - X: AC - D: 2.

FEBRUARY

- 11d 18h 26m (25-26) A: SO OD LG TE AA - B: NU SI ES VL HA KV RA FU HB SU AG TF TL FR SM QU HO AL SJ MU PA TG AP HR - C: CO LE KN WN WI BE CM MA DB MT AQ EB KA TU KY LP GU - E: KS TN DU - X: SF MC AC - (bps: B: MO) - D: 10.
- 19d 17h 40m (39-41) A: SO CO OD LG MU AA TG - B: KN MO ES WN IR KV RA FU HB AQ TF EB SF TU QU HO AL SJ GU PA MC AP SB - C: LE WI VL BE CM VI SU MT AG KA KY LP AM KG DU - E: TR DO NU SI HA MA DB TL FR SM KS TE TN - X: AC - (pi2: HR?) - D: 3.

MARCH

- 14d 16h 00m (54-60) A: FU OD SU AG SM MU TG AC SB - B: KN MO WI IR BE CM RA PR HB AQ TF SF QU LP AL GU PA AP TN HR AM - C: LE SI ES HA KV MA DB MT LG FR KA TU KY HO SJ AA DU - E: CO DO NU KS - (bp: C: WN) - D: 11.
- 20d 09h 54m (54) A: SO KN MO OD TF AA - B: LE VL BE KV MA PR HB SU SM SF MC? KG - C: TR HA MU AC - (sfe: A: CM FU LG TL QU HR; B: NU ES WN WI IR NI DB RA AQ EB LP TN; C: KS PA) - D: 21.
- 23d 00h 12m (10-13) A: SO NU KN MO PR FU HB OD SU AG LG TF FR SM SF TU TE GU MC TG AP AC SB - B: TR CO LE SI ES WN WI VL BE CM HA KV MA DB RA AQ TL QU HO AL SJ MU HR AM - C: DO IR MT EB KA KY KG - E: TN - X: KS LP PA DU - (cr: AA) - D: 4.
- 23d 11h 34m (30-34) A: KN IR MA FU HB OD AG FR TU QU HO TE AL MU GU AA MC TG AP AC AM - B: SI WI CM HA KV DB AQ TF EB SJ TN KG - C: TR MT KA KY - E: CO DO NU MO SM KS SB - X: PA DU - (ssc: A: SO WN RA SU SF LP; B: LE ES VL BE PR LG HR; C: TL) - D: 3.
- 25d 12h 25m (20-28) A: SO CO MO ES NI HA DB PR FU OD TF EB FR AL MU MC AP AM - B: TF LE KN WI IR CM KV HB AQ TL SM QU HO GU TG TN KG - C: BE MT KA KY DU - E: DO NU LP - X: KS PA - (ssc: A: MA AG AC; B: SI WN VL RA VI SU LG SF TU TE SJ AA HR SB) - D: 1.
- 26d 12h 42m (41-43) A: SO CO FU OD QU AL MU AA MC TG AC - B: LE SI MO ES WN WI VL BE CM HA KV MA DB RA HB AQ TF TR FR SJ GU PA HR - C: KN IR SU MT AG TL KA TU KY LP HO KG DU - E: DO NU LG SM KS TE TN - X: SF - (bp: A: AM SB) - D: 7.

APRIL

- 13d 10h 14m (10-14) A: MO OD SU AA TG - B: SO CO NU KN CM KV RA FU AG AQ TF FR SM SF QU TE HR AC - C: TR LE SI WN WI IR VL BE HA MA DB MT TL KA TU KY LP HO SJ GU PA AP AM - E: LG KS MU DU - (sfe: NI HB) - D: 10.

TABLE 3a SUDDEN IMPULSES (S.I.'S) 1966 - continued

MAY

- 11d 12h 18m (17-18) A: SO FR OD SU - B: CO SI MO WN WI CM KV MA RA AG AQ
TF FR QU AL AP HR - C: DO LE KN ES IR VL BE HA DB HB MT TL
KA TU KY LP HO SJ MU GU AA PA TG KG - E: KS - (sfe: A: HU FU;
B: LG; C: SF) - D: 13.
- 19d 20h 04m (04) B: TR NU LE ES WN BE DB PR HB OD SU - C: SO CO KN CM KV
FR HO SJ MU PA AM KG DU - E: LG - X: SM SF KS - (ssc: B: TN - bp:
B: MA: C: EB - bps: B: VL AA MC? HR - pi2: A: AQ AC; B: HA RA FU;
C: MT KA KY - pc4: B: WI) - D: 19.
- 26d 09h 38m (33-38) A: CO AG TE MC AM - B: CO SI KV HB OD SU AQ TF FR TU
QU HO SJ GU TG AP AC - C: LE WN WI HA? MT KA KY LP PA - E:
DO NU KN MO IR CM MA DB RA FU LG TL SM SF KS MU AA TN HR
KG DU - X: BE AL - (b: A: SB) - D: 8.
- 26d 10h 18m (16-20) A: SO CO KN WN IR CM RA PR OD AG AQ QU LP TE GU AA
MC TG AP AC AM - B: LE ES VL HA KV LG TF FR SM SF TU HO SJ
PA HR KG DU SB - C: VI HB MT KA KY - E: DO NU SI MO WI MA DB
FU TL KS MU TN - X: BE AL - (ssc: B: TR) - D: 4.
- 26d 14h 15m (12-15) A: CO SI IR RA HB OD AG QU LP HO TE SJ GU AA MC TG AP
AC AM - B: ES WN KV MT LG AG TF FR SF KA TU KY PA HR KG DU
SB - C: LE HA VI SU - E: SO DO NU KN MO WI CM MA DB PR FU SM
TL KS MU TN - X: BE AL - D: 5.

JUNE

- 02d 09h 00m (58-01) A: SO NU AG MU AA - B: TR CO RA FU HB SU AQ TF FR SM
SF KS QU AL GU MC? TG HR - C: SI KN ES WN WI IR CM KV DB MT
KA TU KY LP HO SJ PA AP KG - E: TN AC - X: LE VL MA LG EB -
(ssc: A: OD) - D: 13.
- 03d 16h 18m (16-18) A: SO NU CM MA? RA PR FU HB OD SU MT AG LG AQ TF
EB TL SF KA KS KY QU LP MU GU MC TG TN AC SB - B: CO SI KN
MO ES WN WI IR BE HA KV DB FR SM TU HO AL SJ PA HR AM - C:
DU - (ssc: B: AP - b: AA - bs: B: VL - bps: B: LE KG) - D: 6.
- 16d 00h 01m (01-03) A: SO NU PR FU OD SU AG LG FR SF TE AC - B: TR CO SI
MO ES WN WI VL CM HA KV MA DB RA HB AQ EB TL SM TU HO
AL SJ MU PA MC? AP TN HR SB - C: DO LE KN BE MT TF KA KS
KY QU KG - X: LP GU TG AM DU - (b: A: AA) - D: 4.
- 23d 11h 32m (30-35) A: SU NU MO PR FU OD SU LG MU AA - B: TR CO KN ES WN
WI IR BE CM HA KV MA DB RA HB AG AQ TF EB SF QU LP AL MC?
AP HR - C: DO SI MT FR SM KA KS TU KY HO SJ GU PA TG TN AC
AM KG - (ssc: B: LE?; C: VL TL?) - D: 6.
- 24d 09h 11m (05-13) A: TE AA AC - B: SO CO NU MO KV RA FU HB OD SU AG TF
FR SF TU QU LP HO AL SJ MU GU PA MC? TG HR - C: LE SI KN ES
WN WI IR VL BE CM MA PR MT SM KA KS KY TN AM - E: DB MU -
X: LG EB AP - (pg: KG) - D: 9.
- 24d 17h 19m (19-20) A: PR FU OD SU TE MU MC AC - B: SO CO NU LE KN MO ES
WN WI NI BE CM HA KV MA DB RA HB AG AQ TF FR SF TU QU LP
HO AL SJ GU AA PA TG HR SB - C: TR SI IR MT EB TL KA KS KY
AM KG - E: DO SM TN DU - X: LG AP - (ssc: B: VL) - D: 2.

JULY

- 09d 05h 13m (14-15) A: SO NU MO FU AG LG AA AC - B: KN ES WN NI VL BE HA
KV MA DB RA PR HB OD AQ TF EB SM TU HO AL SJ GU MC TG HR
AM KG DU - C: WI IR CM MT SF KA KY QU LP TE MU PA AP - E:
CO DO LE SI FR KS SB - D: 6.
- 15d 21h 31m (30-32) A: FU HB OD SU AG LG FR TE MU AC - B: SO NU SI KN ES
WI CM HA KV MA RA PR AQ TF SF QU LP HO AL SJ TG APTN-C:
DO LE MO WN IR VL BE DB MT SM KA TU KY GU PA MC HR AM
DU SB - E: TL KS - X: CO - (cr: AA) - D: 6.
- 15d 23h 08m (07-09) A: SO NU KN MO NI VL CM HA RA PR FU HB OD SU AG LG
TF FR SF TU HO TE AL SJ MU AA MC TG AP AC - B: LE SI ES WN

TABLE 3a SUDDEN IMPULSES (S.I. 'S) 1966 - continued

(JULY)

WI IR BE KV MA DB AQ EB TL QU LP GU PA TN HR DU SB-C:TR
DO VI MT SM KA KY AM - E: KS - X: CO - D: 2.

20d 08h 00m (59-60) SO NU SM TE AA - B: TR CO LE SI WI VL OD AG LG FR TU
HO AL SJ MU AP AM KG DU - C: DO KN ES WN IR BE CM HA KV MA
PR SU MT TF KA KY QU LP GU PA AC SB - X: DB RA - (pg: C: HR?
- cr: FU - sfe: C: SF) - D: 12.

AUGUST

01d 00h 03m (03-04) A: SO DO NU MO ES NI MA PR FU HB SU AG LG TF FR AK
SF TE AL MC AP TN? AC - B: TR CO LE SI KN WN WI IR BE CM
HA KV DB RA AQ EB TL TU QU SJ GU PA TG HR KG -C:MT KA KY
DU SB - E: KS MU - X: SM LP - (ssc: A: AA; B: AM - bs: A: OD; B: VL
HO) - D: 1.

10d 01h 50m (49-53) A: SO CO NU ES NI MA FR FU HB OD SU LG TF FR SF KS
LP TE AL MU GU AA MC TG AP AC AM - B: TR DO LE SI KN MO
WN WI IR BE CM HA KV DB RA VI AG AQ EB TL KA TU KY HO SJ
PA TN HR DU SB - C: MT KG - (bs: B: VL - bp: SM?) - D: 1.

18d 17h 26m (25-28) A: CO NI FU HB OD SU TF AL TG AC - B: LE SI MO ES WN
WI VL CM HA KV DB RA PR MT AG LG AQ TL SF KA KS KY QU LP
HO MU GU PA MC AP TN AM SB - C: SO DO KN IR BE MA FR SM TU
TE SJ HR - E: NU - D: 7.

31d 00h 46m (45-46) SO CO OD AG TF AA AP AM - B: KN MO ES RA VI FU HB SU
LG FR TU QU LP HO AL SJ GU HR AC SB - C: LE WN WI IR BE CM
KV MT AQ SM KA KY TE MU PA - E: DO NU SI HA MA DB SF KS TN
KG DU - X: TG - D: 7.

31d 13h 33m (30-34) A: SO KN MO FU SU AG AA MC AC - B: TR CO LE SI ES WN
VL BE CM HA KV RA HB OD LG AQ TF TL FR QU HO AL SJ GU AP
HR AM KG - C: WI IR PR MT SM SF KA TU KY LP MU PA SB-E:DO
NU DB KS TN DU - X: TG - (ssc: B: MA) - D: 5.

31d 13h 46m (45-47) A: SO CO KN MO WN CM HA RA FU HB OD SU AG EB TL SJ
AA MC AC AM KG - B: LE SI ES WI VL BE MA PR LG AQ TF FR SF
TU QU HO AL MU GU PA AP HR SB - C: IR KV MT SM KA KY LP TE
- E: DO NU DB KS TN DU - X: TG - D: 4.

SEPTEMBER

01d 12h 12m (10-13) A: SO NU MO NI MA AG - B: CO LE SI KN ES WN WI VL BE
HA KV PR FU HB OD SU LG AQ TF EB TL FR SF QUAL MU AA MC
AP AC KG SB - C: DO IR DB RA MT SM KA KS TU KY LP HO SJ GU
PA AM DU - E: TR - X: CM - (pg: C: HR?) - D: 5.

01d 15h 24m (24-28) A: SO NU NI MA DB FU HB OD SU AF LG SB - B: TR CO DO
LE SI KN MO ES WN WI VL BE HA KV RA PR AQ TL FR SM SF TU
QU AL MC AC KG - C: IR MT TF KA KY LP HO SJ MU PA TG -E: KS
- X: CM AA - (pg: C: HR?) - D: 9.

03d 21h 14m (14-15) A: NU LE KN IR CM FU OD SU LG AQ FR QU TE AL SJ AP
TN AM - B: WI KV VI HB TF TL HO GU PA? MC DU - C: BE MT KA
KS KY MU TG HR - E: SO CO DO SI MO WN VL HA MA DB RA PR AG
SM SF KG - X: AC - (ssc: A: TU AA SB) - D: 6.

06d 08h 24m (24-25) A: FU FR TE AL AA TG AC AM - B: NU MO ES CM KV DB RA
HB OD LG AQ TF SM TU QU LP HO MU GU MC - C: LE SI KN WN WI
IR VL BE HA MA PR SU MT AG SF KA KY SJ PA HR KG - E: CO KS
TN DU - X: AP - D: 9.

24d 16h 51m (48-54) A: SO NU FU OD LG SF TE AA AC - B: CO LE SI MO ES WN
IR CM HA KV MA DB RA HB AG AQ TF FR TU QU HO AL SJ GU MC
AP HR AM DU - C: TR DO KN WI VL BE PR SU MT TL SM KA KY
LP MU PA TG TN - E: KS - D: 6.

24d 18h 05m (05-06) A: SO SI NI FU OD SU AG LG FR TE AL SJ AA AC -B:TR CO
DO NU LE KN MO ES.WN WI IR VL BE CM HA KV MA DB RA PR HB AQ
TF EB TL SM SF TU QU LP HO MU GU PA MC HR - C: MT KA KY
TG TN AM DU - E: KS - X: AP - (b: C: KG) - D: 3.

TABLE 3a SUDDEN IMPULSES (S.I.'S) 1966 - continued

(SEPTEMBER)

- 27d 10h 22m (20-25) A: PR FU OD KS TE AL TG AP TN - B: TR NU MO WN WI IR
VL CM MA DB RA HB SU LG SF QU LP HO MU GU PA MC HR - C:
CO LE SI KN BE KV MT AG AQ TL FR SM KA TU KY SJ - E: AC SB
- (ssc: A: SO AA - bps: A: AM) - D: 10.
- 27d 15h 17m (15-18) A: SO SI PR FU HB AG AL AA TG AP AC SB - B: TR CO NU
LE ES WN WI IR VL CM HA KV MA DB RA OD MT LG AQ TF FR SM
SF KA TU KY QU LP HO SJ MU GU PA MC TN HR AM KG DU - C:
DO KN MO BE SU TL KS - D: 5.

OCTOBER

- 12d 06h 07m (07-08) A: TR SU KS TG AM - B: ES HA MA RA OD AG LG AQ EB FR
SM SF QU LP AL MU MC? AP TN HR AC DU - C: NU LE KN WN WI
IR BE CM KV FU MT TL KA TU KY HO TE SJ GU PA KG SB-X: SO
HB TF AA - D: 10.
- 16d 03h 09m (07-11) A: AG KS TE AP AM - B: TR SO NU OD FR TU HO AL SJ MU
GU TN DU - C: CO SI KN ES WN WI BE CM KV DB FU MT SF KA KY
QU LP PA - X: LE TG - (ssc: B: AA - bp: B: RA SM HR; C: MA AC -
bps: B: LG EB? MC?) - D: 16.
- 17d 17h 02m (59-03) A: OD SU KS TG AC - B: CO NU LE MO ES WI IR VL KV MA
RA HB AG AQ TF TL FR AK SM SF QU LP AL SJ MU AA PA MC?AP
TN HR - C: SO SI KN WN BE CM HA DB PR MT EB KA TU KY HO TE
GU AM DU SB - (bps: B: LG - cr: B: FU) - D: 5.

NOVEMBER

none

DECEMBER

- 13d 17h 35m (32-41) A: SO CO NU LE KN IR NI BE CM MA? RA PR FU OD SU AG
LG AQ TF FR SM SF KS QU LP HO AL SJ MU AA? PA TG AP TN HR
AC AM SB - B: DO SI WN WI HA KV DB EB TL TU GU MC-C: ES IR
MT KA KY - E: KG DU - (bs: B: VL - sfe: HB) - D: 4.
- 16d 17h 23m (22-24) A: NU FU OD SU AG LG SF KS TE MC TG AP AC - B: SO LE
MO ES WN WI IR VL BE CM HA KV MA RA PR HB AQ TF EB TL FR
AK TU QU LP HO AL SJ MU GU PA HR - C: CO DO SI KN MT KA KY
KG - X: TR DU SB - (ssc: SM - b: B: AA) - D: 5.
- 22d 14h 37m (37-38) A: FU AG KS AP AC AM - B: CO NU SI IR RA OD FR SM SF
GU HO AL MU GU PA MC TG HR - C: SO LE WN WI BE CM KV MA
SU MT LG TF KA TU KY LP TE SB - E: KG DU - X: SJ TN - (cr: AA)
- D: 16.

TABLE 2b NOT CHECKED SUDDEN IMPULSES (S.I. 'S) 1966

(See remarks at the head of Table 2a)

JANUARY

06d 12h 25m (24-27) B: LG; C: TC.
 18d 09h 35m (35-36) B: ES LG - (ssc: C: HB? - pi2: A: CI).
 20d 09h 49m (48-50) B: ES VL CF TL LM HR - (ssc: A: LU - sfe: IR).
 21d 15h 42m (39-44) A: LG LU; B: EB.
 22d 12h 54m (54-55) A: TE; B: ES VL.
 24d 14h 09m (09-10) B: TC - (ssc: B: HU).
 25d 06h 50m (45-55) A: SO - (pi2+pc4: B: TW).
 28d 19h 53m (53-54) C: TN - (ssc: B: TF).

FEBRUARY

04d 15h 42m (41-44) A: LG; C: MC.
 11d 07h 50m (49-52) B: TE; C: LM - (ssc: B: KS; C: AP).
 11d 14h 25m (24-27) B: ES VL PR; C: WN.
 11d 17h 52m (50-55) B: LG PP - (ssc: C: TF).
 15d 19h 28m (25-32) B: TL AE; C: PP - (pg: B: SM).
 23d 08h 48m (48-49) A: SF; B: LG.
 25d 12h 54m (51-56) B: VL CF LG AE; C: TC.

MARCH

03d 10h 13m (10-16) B: LG; C: PP.
 03d 16h 14m (14) B: ES; C: MB.
 07d 10h 07m (05-10) B: TC; C: HR - (sfe: TN).
 08d 08h 42m (40-45) B: ES; C: AE - (sfe: OD).
 17d 21h 15m (10-18) A: OD TE; B: PP - (ssc: B: TF).
 17d 23h 34m (33-35) A: TE; C: MT KA KY - (ssc: C: TF).
 19d 03h 08m (08-09) A: TE; C: MT KA KY.
 23d 12h 27m (19-34) A: LG TE MC; B: CF PP.
 25d 11h 42m (33-46) A: SF; B: WI VL HR; C: TL - (ssc: B: TC).
 25d 14h 32m (29-35) A: TE; B: ES.
 26d 22h 14m (14-15) A: TE - (ssc: C: TF).

APRIL

06d 15h 43m (42-45) B: SJ - (ssc: C: TF - b: A: TE? - sfe: HU).
 08d 03h 50m (50-51) A: LG; B: BI.
 09d 23h 36m (36-37) B: CO; C: PM HR - (bs: C: BI).
 13d 11h 36m (36-37) B: ES - (ssc: HL).
 22d 08h 02m (00-06) A: TE MC; B: QU BI; C: PP - (ssc: B: IR TF; C: TC).
 22d 14h 14m (13-15) B: MO ES VL PR - (sfe: HU).
 22d 20h 34m (33-34) A: SO; B: TR - (pi2: B: CF).
 24d 10h 38m (37-40) B: HL AE.

MAY

23d 18h 17m (17-18) B: HL - (sfe: HU?).
 26d 08h 35m (32-39) A: TE; B: ES.

TABLE 3b NOT CHECKED SUDDEN IMPULSES (S.I.'S) 1966 - continued

(MAY)

26d 12h 09m (00-18) A: TE; B: CF - (bps: A: IR).

31d 15h 07m (06-08) A: OD; B: BI - (ssc: A: TC).

JUNE

01d 06h 44m (38-47) A: TE; B: VL CF; C: PP - (bp: B: IR).

02d 03h 53m (52-54) B: HL BE.

02d 09h 25m (18-30) A: MO TE - (sfe: IR).

02d 11h 36m (36) A: MO; C: MT KA KY - (ssc: A: TF).

02d 14h 34m (32-38) A: MO LG LU; B: TL; C: AE - (pg: C: ES).

03d 18h 22m (18-26) B: TN - (ssc: C: TF).

05d 01h 12m (12-13) B: HL TL.

05d 02h 46m (37-53) A: CO; C: TL AE - (pi2: B: CF BI).

09d 11h 47m (40-50) B: VL; C: ST AE.

18d 01h 05m (05-06) B: HL - (sfe: OD).

23d 13h 47m (45-55) B: ES WN PR CF HB? - (ssc: B: TF; C: LM).

23d 22h 31m (29-32) A: TE; B: FR LU - (b: B: GU - cr: TL).

JULY

08d 05h 50m (49-52) B: TE LM - (pg: B: DB).

08d 07h 31m (22-42) A: TE; B: QU MC; C: HR - (ssc: B: UB - bps: B: IR).

08d 23h 03m (00-05) A: HB; B: MO TE - (sfe: IR).

09d 07h 51m (51) B: PR; C: WN.

10d 03h 17m (16-18) B: HL - (ssc: C: SU).

10d 15h 41m (40-43) B: KS BI.

12d 20h 03m (02-03) A: CO; B: BE LG.

14d 15h 40m (34-47) B: LG - (pc4: B: FR - sfe: HL).

15d 22h 23m (22-25) A: TE - (ssc: C: TA).

19d 14h 01m (59-03) B: LG AE.

21d 08h 25m (25-26) B: VL BI.

27d 14h 43m (43-44) A: TE; B: CF.

29d 15h 56m (55-58) B: HL VL BE FU LG; C: WN HA MA EB - (ssc: B: SO).

AUGUST

03d 11h 34m (31-36) B: ES MA; C: TL.

09d 17h 51m (50-53) C: TK - (ssc: B: TF).

11d 12h 30m (29-32) B: MO TL; C: AE.

18d 11h 59m (58-60) B: LE WN PR HB - (ssc: C: MA).

18d 12h 12m (09-16) B: LE TL; C: PM PP - (ssc: C: AE - bp: B: IR).

23d 13h 48m (47-49) B: LE - (ssc: C: TF).

23d 14h 18m (17-18) B: LE MO HB?

24d 14h 25m (24-26) B: LE TL AE - (ssc: A: SF; C: TF).

29d 22h 19m (18-19) A: TA TE MC; C: HO.

30d 16h 35m (35-36) A: ES AC.

30d 19h 59m (57-60) B: LE ES - (bp: A: IR).

30d 23h 08m (08) A: TE GU; B: CF.

TABLE 3b NOT CHECKED SUDDEN IMPULSES (S.I.'S) 1966 - continued

(AUGUST)

31d 01h 34m (33-35) A: TE GU; B: VI CF LM.
 31d 02h 07m (06-07) A: TE; B: GU.
 31d 02h 56m (54-58) A: TE; B: GU.
 31d 06h 28m (27-29) A: SO IR TE; B: MO CF - (ssc: C: TF).
 31d 08h 19m (18-20) B: IR - (ssc: C: TF).
 31d 09h 27m (24-34) A: OD; B: MO LG LU - (sfe: IR).
 31d 18h 06m (06-07) A: IR TE.

SEPTEMBER

01d 11h 46m (40-53) A: MA; B: MC - (bps: B: BI).
 02d 04h 34m (30-40) A: IK AC; B: TE.
 02d 16h 38m (38) A: AC; C: LE.
 02d 18h 06m (04-08) A: AC; B: ES MA CF MB; C: LE.
 02d 22h 43m (40-45) A: TE; B: GU - (pc5: C: FR).
 03d 11h 37m (36-37) A: TE; C: MT KY.
 03d 12h 27m (21-31) A: TA MC - (ssc: C: QU).
 04d 06h 35m (35-36) A: TE - (ssc: C: VI).
 06d 04h 41m (39-44) B: LG LU.
 06d 07h 31m (29-33) B: LE WN VL PR CF AE.
 06d 07h 52m (47-55) A: LG; B: VL MA CF.
 20d 13h 44m (36-50) A: NI MA HB?; B: LE ES WN PR; C: BI - (sfe: HL KS).
 24d 06h 24m (20-28) A: TE; B: BI.
 24d 15h 28m (27-29) B: ES HB.
 24d 17h 30m (30-31) B: ES MA.
 26d 12h 41m (36-48) A: LG; B: ES LU - (ssc: B: TR VL - sfe: HU).
 27d 10h 58m (56-61) A: MC; B: VL TN - (ssc: B: CF).
 27d 11h 46m (45-47) B: CF - (pg: LZ).
 27d 13h 13m (13) B: VL CF.
 27d 14h 26m (25-26) A: TE AC; B: VL; C: MT.

OCTOBER

04d 04h 20m (18-21) B: MO AE - (ssc: B: TF; C: SU).
 04d 20h 10m (09-12) A: OD - (ssc: A: SO).
 04d 23h 19m (13-22) A: PR OD IK AC; B: LE WN - (bp: A: ES; B: EB - bps: B: VL CF).
 05d 09h 19m (18-20) A: TE; B: PP.
 15d 18h 20m (18-22) A: OD IK TE MC AC; B: ME EB.
 17d 14h 56m (54-58) C: TK - (ssc: C: KS).
 30d 16h 09m (03-14) A: AC; B: QU; C: MT KA KY - (ssc: B: OD TF - bp: B: IR).

NOVEMBER

01d 14h 59m (55-63) A: LD; B: MA HB? AE; C: LE - (pg: B: BI; C: ES).
 02d 13h 29m (29-30) A: NU; B: ES VL; C: LE.
 10d 12h 31m (31-32) B: VL; C: MC.
 18d 12h 43m (40-45) A: ME AC; B: MO ES - (ssc: B: VL HB).
 18d 13h 54m (53-55) A: AC; B: ES LG; C: TL MC.

TABLE 3b NOT CHECKED SUDDEN IMPULSES (S.I.'S) 1966 - continued

(NOVEMBER)

18d 15h 01m (01-02) A: AC; B: ES MA.
 26d 05h 00m (00) B: IR - (ssc: B: SO).
 27d 05h 06m (06-07) B: HL - (ssc: B: HB).

DECEMBER

01d 16h 19m (18-20) B: SM - (sfe: HU).
 04d 07h 19m (18-20) B: HB - (ssc: C: TL).
 04d 10h 33m (33-34) A: TE MC.
 04d 12h 10m (09-10) A: TE MC; B: LG - (ssc: A: TF).
 04d 18h 51m (48-57) A: TE TW; LG TA - (ssc: A: SF; B: HB - bp: B: IR).
 06d 08h 35m (33-36) B: MO LG - (sfe: HB OD PE).
 09d 09h 07m (07) B: ES; C: WN LG.
 13d 02h 31m (30-32) B: BE TE; C: MT KA KY.
 13d 16h 04m (03-05) B: MO MB MC; C: ES.
 14d 02h 19m (15-24) B: LU TN.
 14d 15h 26m (20-31) A: OD TE AC; C: AP.
 15d 01h 02m (00-05) A: OD LU - (b: B: HU).
 15d 01h 22m (20-25) A: MC; B: ES.
 15d 11h 25m (23-27) B: LG; C: TL - (ssc: A: SF).
 26d 08h 00m (00-01) B: LG - (ssc: C: TL).
 26d 11h 13m (12-14) B: MO WN VL FU.

TABLE 4 MINOR DISTURBANCES 1966

Minor disturbances (ssc, etc.) reported by only one station

JANUARY

d h m	- d h m	- d h m	- d h m
01 04 18 pi2 LM	- 01 07 57 pi2 TO	- 01 16 20 pc4 LM	- 01 17 55 pi2 QU -
01 18 42 pi2 TF	- 01 22 41 ssc VI	- 02 03 07 pi2 PE	- 02 07 40 pi2 TU -
02 08 00 pi2 HU	- 02 12 38 si ES	- 02 13 30 pi2 HO	- 02 15 50 bp TK -
02 19 07 bp TF	- 02 21 10 ssc TF	- 03 00 37 b SF	- 03 17 12 pi2 TW -
03 16 08 bp QU	- 03 17 .. bp KV	- 03 19 18 bp TF	- 03 19 .. pc5 SI -
03 20 46 pi2 PE	- 03 21 .. bp KV	- 04 03 00 pi2 LM	- 04 05 10 pi2 LM -
04 08 30 pc4 PP	- 04 08 43 pc5 TE	- 04 14 22 si LG	- 04 14 .. ssc PP -
04 16 15 ssc TF	- 04 17 09 pi2 TK	- 04 18 .. bp KV	- 04 20 10 bp IR -
05 02 48 pi2 PE	- 05 07 42 pi2 SI	- 05 21 20 pi2 TN	- 06 10 50 pi2 HU -
06 20 50 pi2 TF	- 07 07 21 pi2 TW	- 07 14 01 ssc SJ	- 07 14 36 ssc TC -
07 16 40 pc4 LM	- 07 19 39 bp TF	- 07 19 .. pc4 SI	- 07 20 .. bp KV -
07 21 00 bp TF	- 07 22 55 pi2 EB	- 08 00 15 b TC	- 08 00 .. bp KV -
08 05 50 pc4 LM	- 08 10 25 pi2 LM	- 08 12 44 pi2 CM	- 08 14 42 pi2 HO -
08 23 20 pi2 LM	- 08 23 57 bp LG	- 09 00 45 bp MA	- 09 02 40 pc4 LM -
09 10 00 pc4 FR	- 09 10 20 pi2 HU	- 09 11 00 pi2 SJ	- 09 14 06 pc5 TE -
09 17 .. bp KV	- 09 19 20 pi2 LM	- 09 22 .. bp KV	- 10 00 40 pc4 LM -
10 10 55 pi2 HO	- 10 11 29 ssc SF	- 10 14 00 pc4 HO	- 10 15 20 pi2 LM -
10 19 00 pi2 TF	- 10 19 15 bp OD	- 11 00 35 bp SM	- 11 05 20 pi2 LM -
11 14 24 pc4 FR	- 11 16 00 bp IR	- 11 19 15 pi2 LM	- 11 21 29 bps MW -
11 23 00 pi2 TN	- 11 23 26 pi2 PE	- 12 00 45 pi2 LM	- 12 01 35 pi2 PE -
12 05 16 pi2 LM	- 12 13 00 pc4 CO	- 12 16 25 pi2 LM	- 12 17 28 pc5 TE -
12 18 37 sfe LG?	- 12 20 53 pi2 HU	- 13 05 10 pc4 LM	- 13 08 00 pi2 LM -
13 10 00 pi2 LM	- 13 15 20 pi2 HU	- 13 18 00 pi2 LM	- 13 19 53 pi2 TP -
14 01 10 pi2 LM	- 14 01 25 pc4 CI	- 14 05 29 si SF	- 14 07 40 pc4 PP -
14 09 47 pc5 TE	- 14 14 57 bp LU	- 14 17 50 pi2 LM	- 14 18 08 pi2 TF -
14 22 25 pi2 LM	- 15 03 05 pi2 LM	- 15 09 40 pc4 PP	- 15 15 15 bp IR -
15 22 15 pi2 CF	- 15 23 03 bp LU	- 16 03 00 pi2 LM	- 16 20 20 pi2 LM -
16 21 33 pi2 TF	- 17 08 00 pi2 PP	- 17 18 26 bp TF	- 18 03 00 pi2 LM -
18 06 20 pi2 LM	- 18 08 00 pi2 HO	- 18 09 15 si LG	- 18 10 45 pi2 TE -
18 14 15 pi2 HO	- 18 15 25 ssc TF	- 18 18 15 bp TF	- 18 18 30 si TE -
18 19 51 si TR	- 18 22 00 b LU	- 19 02 01 si ST?	- 19 11 37 pc5 TE -
19 15 30 pc4 LM	- 20 03 01 si NU	- 20 09 00 bp TF	- 20 12 26 si ES -
20 13 20 ssc TR	- 20 17 23 bps IR	- 20 20 25 pg CO	- 20 23 55 bp EB -
21 02 52 bp HR	- 21 10 30 si TE	- 21 11 00 si TE	- 21 12 21 pi2 MT -
21 13 07 si TE	- 21 15 25 bp IR	- 21 19 .. b KV	- 21 23 12 pi2 PE?
21 23 .. bp KV	- 22 02 03 b SJ	- 22 05 21 ssc TF	- 22 06 10 bps IR -
22 08 42 si TE	- 22 09 34 si TE	- 22 10 05 si TE	- 22 12 01 si CF -
22 12 14 pi2 AG	- 22 16 00 pc4 SI	- 23 01 12 bp HU	- 23 11 56 ssc TC -
23 14 54 bp IR	- 24 04 51 ssc AG	- 24 08 05 pi2 HO	- 24 15 20 pc4 LM -
25 02 15 bp CF	- 25 04 28 pi2 TW	- 25 07 14 pi2 SI	- 25 11 55 ssc SF -
25 12 42 pi2 MT	- 25 20 17 pi2 CF	- 26 04 30 pc4 LM	- 26 07 04 ssc SF -
26 07 20 pi2 LM	- 26 11 23 ssc TC	- 26 14 09 pc4 TE	- 26 15 50 bp TF -
26 16 03 bps IR	- 26 21 31 pi2 EB	- 26 22 05 si ME	- 26 23 41 bp MC -
27 00 50 b HU	- 27 02 05 bps AG	- 27 06 25 pi2 LM	- 27 12 15 pc4 ES -
27 15 10 pi2 SM	- 27 16 03 pi2 LM	- 27 17 52 pc4 LM	- 28 01 30 pc4 LM -
28 04 40 pc4 LM	- 28 06 28 ssc LG	- 28 09 07 ssc SF	- 28 13 20 ssc LM -
28 18 00 pc4 SI	- 28 19 35 pi2 TK	- 28 20 57 si TN	- 28 21 12 si TN -
28 21 37 si HB?	- 29 03 50 pc4 ES	- 29 04 06 pc4 LM	- 29 05 00 pc4 TF -
29 07 10 pi2 HU	- 29 08 45 pi2 HO	- 29 17 37 pi2 AQ	- 30 05 00 pi2 HU -
30 11 33 si LU	- 30 18 13 bp TF	- 31 07 20 pi2 HU	- 31 08 30 pi2 HO -
31 21 00 pi2 OD	-		

FEBRUARY

01 05 47pi2+pc4TW-	01 12 00 bs HR	- 01 14 57 si SM	- 02 06 00 pc4 TF -
02 08 12 ssc LU	- 03 01 00 b TA	- 03 11 45 pi2 HO	- 03 13 53 bps AM -
03 17 00 pc5 FR	- 03 17 51 si TE	- 03 18 38 pi2 TE	- 03 18 .. bp KV -
03 19 27 bp TF	- 03 20 55 b TC	- 04 01 56 b TC	- 04 07 00 pi2 SJ -
04 08 38 bs AG	- 04 10 53 pc4 TE	- 04 11 10 pi2 HO	- 04 11 40 pi2 CM -
04 13 27 pc4 FR	- 04 14 23 pc4 TE	- 04 16 .. bp KV	- 04 19 27 ssc TR -
04 20 47 b TC	- 04 21 .. bp KV	- 04 22 57 bp CF	- 03 23 09 b TC -
05 03 31 pi2 TW	- 05 07 39 bps AG	- 05 12 40 bs IR	- 05 16 15 bp TF -
05 19 57 bp VL	- 05 20 55 bps IR	- 06 01 05 pi2 LM	- 06 03 45 pi2 LM -

TABLE 4 MINOR DISTURBANCES 1966 - continued

(FEBRUARY)

d	h	m		d	h	m		d	h	m		d	h	m					
06	20	13	bp WN	-	06	20	..	bp KV	-	07	04	35	pi2 LM	-	07	10	20	pi2 HO	-
07	15	15	si AE	-	07	21	15	pc4 CO	-	07	21	50	bs SU	-	08	02	35	pc4 LM	-
08	03	05	pi2 TW	-	08	08	38	pi2 PP	-	08	08	55	pc4 LM	-	08	12	45	pi2 HO	-
08	15	..	bp KV	-	09	02	30	pi2 FR	-	09	03	27	pi2 HU	-	09	04	10	pi2 LM	-
09	13	42	si ES	-	09	16	00	pi2 TK	-	10	01	33	b TC	-	10	04	..	ssc PP?	-
10	11	40	si ES	-	10	17	57	ssc TF	-	10	20	37	bp TF	-	11	00	10	pi2 ES	-
11	00	58	pi2 PE	-	11	03	50	pi2 LM	-	11	07	15	ssc TA	-	11	08	06	si TE	-
11	11	25	pi2 SI	-	11	11	40	pi2 HO	-	11	12	27	pi2 CM	-	11	17	00	pc5 ES	-
11	22	..	bp KV	-	11	23	..	bp KV	-	12	00	21	bp TF	-	12	02	31	bp TC	-
12	03	03	pi2 LM	-	12	03	30	pi2 MB	-	12	07	00	pc4 PP	-	12	07	18	pc5 TE	-
12	09	46	pi2 CM	-	12	20	34	pi2 OD	-	13	07	50	pc4 LM	-	13	08	19	pi2 CM	-
13	11	10	pi2 HO	-	14	03	09	pi2 SM	-	14	13	53	si TC	-	14	17	35	pi2 MA	-
15	07	32	pc5 TE	-	15	10	25	pi2 HO	-	15	13	27	si AE	-	15	15	00	pi2 TK	-
15	15	55	pi2 LM	-	15	16	30	pi2 TF	-	15	21	42	bp TF	-	15	22	15	pi2 OD	-
16	05	10	pi2 HU	-	16	15	30	pc4 FR	-	16	15	45	pi2 SJ	-	16	16	35	pc4 LM	-
16	17	00	pi2 HU	-	16	17	15	pc4 TE	-	16	20	..	bp KV	-	16	21	32	pi2 CM	-
17	11	54	bp AM	-	17	12	26	bps AP	-	17	13	36	pi2 PP	-	17	13	55	pi2 HO	-
17	14	00	bp IR	-	17	15	03	pi2 CM	-	17	17	40	pi2 LM	-	17	17	57	pi2 TK	-
17	18	52	pi2 PP	-	17	21	..	bp KV	-	18	05	22	pc5 TE	-	18	07	25	pc5 TE	-
18	33	00	pi2 HU	-	18	21	05	pi2 LM	-	18	21	20	pc4 CO	-	19	22	23	pi2 TN	-
18	23	07	bp LG	-	19	02	17	pi2 LM	-	19	02	50	ssc AG	-	19	03	47	pi2 MB	-
19	04	07	ssc CO	-	19	12	30	ssc CO	-	19	13	00	pc4 HO	-	19	16	00	pc4 SI	-
19	16	..	bp KV	-	19	17	10	bp IR	-	19	18	20	si ME	-	19	19	40	bp MO	-
20	02	00	pc5 ES	-	20	02	55	si MO	-	20	07	58	si ES	-	20	09	00	pi2 SJ	-
20	09	50	si VL	-	20	11	00	ssc TF	-	20	14	26	pc4 TE	-	20	20	14	bps MO	-
20	21	19	pi2 OD	-	21	09	04	bp AP	-	21	12	18	pi2 CM	-	21	13	48	pc4 FR	-
21	19	00	pc4 SI	-	21	19	42	pc4 TE	-	21	23	50	pi2 OD	-	22	06	45	pc4 LM	-
22	08	54	ssc AG	-	22	12	25	pi2 TK	-	22	13	25	ssc TR	-	22	15	08	pi2 LM	-
22	15	57	bp TF	-	22	18	50	bs IR	-	23	01	37	si LG	-	23	04	12	bp TF	-
23	06	37	si SO	-	23	07	53	pg NI	-	23	08	20	pi2 CM	-	23	09	50	si VL	-
23	17	41	bps QU	-	23	20	31	bp TC	-	23	20	50	pc5 PP	-	23	21	11	pi2 ES	-
23	23	13	pi2 MB	-	24	02	15	pi2 ME	-	24	05	00	b HU	-	24	07	30	b IR	-
24	11	40	pi2 HO	-	24	11	55	bs IR	-	24	13	46	si TP	-	24	15	00	pi2 TF	-
24	15	25	pi2 LM	-	24	16	50	pi2 LM	-	24	17	02	pi2 AG	-	24	19	55	b LG	-
24	20	48	b PE	-	24	22	41	bp CF	-	25	00	24	pi2 PE	-	25	06	35	si LG	-
25	12	33	pi2 CM	-	25	15	20	pi2 TK	-	25	17	30	b IR	-	25	19	39	pi2 OD	-
25	21	20	pi2 EB	-	26	00	01	bp PE	-	26	12	40	pi2 HU	-	26	13	36	pc5 TE	-
26	18	20	pi2 OD	-	27	00	02	pi2 ES	-	27	07	10	pc4 LM	-	27	14	20	pi2 CO	-
27	17	15	pi2 LM	-	27	17	36	pi2 TF	-	27	18	50	cr KS	-	27	20	29	pi2 ES	-
27	23	12	pi2 EB	-	28	06	00	pc4+pi2TW	-	28	06	30	pi2 HU	-					

MARCH

01	03	40	pi2 HU	-	01	10	51	ssc CM	-	01	13	18	pc4 TE	-	01	13	30	ssc CM	-
01	16	20	pi2 TK	-	01	16	54	pi2 TK	-	01	19	06	pi2 TK	-	02	00	00	pi2 OD	-
02	09	05	pi2 TU	-	02	15	48	pi2 TK	-	02	17	36	pi2 TK	-	02	18	..	bp KV	-
03	18	00	pc4 SI	-	03	21	03	bp TF	-	03	22	..	bp KV	-	04	01	28	bp EB	-
04	06	00	pc4 TF	-	04	07	46	pc4 TE	-	04	08	25	pi2 LM	-	04	08	45	pi2 HO	-
04	14	10	pi2 TK	-	04	20	15	bp HR	-	04	20	39	bp NI	-	04	20	53	si SO	-
05	00	00	b TC	-	05	03	34	pc5 TE	-	05	09	14	pc4 TE	-	05	17	00	pc4 FR	-
05	17	15	pc4 LM	-	05	17	30	pc4 CO	-	05	21	..	bp KV	-	06	01	03	si TC	-
06	22	25	pi2 PE	-	07	00	00	pi2 MB	-	07	01	27	pc4 LU	-	07	06	..	pi2 PP	-
07	07	05	cr MB	-	07	14	03	pi2 TK	-	07	22	25	pc4 CO	-	08	03	44	pi2 PP	-
08	14	09	si TC	-	08	17	28	bp SO	-	08	18	..	bp KV	-	08	19	44	pi2 TP	-
09	00	12	bp SM	-	09	04	33	pc5 TE	-	08	06	..	pc5 PP	-	09	12	13	pi2 TO	-
09	18	00	pc5 SI	-	09	20	33	ssc SO	-	09	21	06	bp TF	-	09	22	16	si TC	-
09	22	..	bp KV	-	10	00	30	bps AG	-	10	01	05	b HU	-	10	01	36	bp SJ	-
10	01	..	bp KV	-	10	02	05	pi2 LM	-	10	04	10	pi2 LM	-	01	05	20	pc4 LM	-
10	07	39	pc4 TE	-	10	10	57	ssc MA	-	10	13	09	pc4 TE	-	10	13	24	bp TF	-
10	18	59	pi2 OD	-	10	22	11	pi2 TN	-	10	22	24	pi2 TF	-	11	02	08	pi2 MB	-
11	02	..	bp KV	-	11	05	25	pi2 LM	-	11	19	..	bp KV	-	11	22	..	bp KV	-
11	23	50	pi2 MB	-	12	09	00	pi2 HO	-	12	13	43	pi2 MT	-	12	14	16	si TC	-
12	16	00	bps IR	-	12	16	40	pi2 LM	-	13	07	53	pi2 PP?	-	13	12	25	pc4 WK	-
13	13	26	ssc SM	-	13	17	..	ssc MB	-	13	18	00	pc4 SI	-	13	19	25	bs IR	-
13	22	22	ssc TC	-	14	01	00	pg SI	-	14	03	20	bps MO	-	14	05	55	pi2 TU	-

TABLE 4 MINOR DISTURBANCES 1966 - continued

MAY

d	h	m		d	h	m		d	h	m		d	h	m					
01	00	02	pi2 LM	-	01	00	49	pi2 CF	-	01	05	18	bps PP	-	02	01	57	bps AG	-
02	02	57	bp MC	-	02	03	44	si BE	-	02	09	53	ssc TR	-	02	11	51	bp OD	-
02	16	42	pi2 LM	-	02	17	47	bps SO	-	02	18	..	bp KV	-	02	19	35	bp HR	-
02	20	39	bs SO	-	02	21	..	bp KV	-	03	02	30	pi2 FR	-	03	03	07	pi2 LM	-
03	05	50	pi2 SI	-	03	17	33	pi2 BI	-	03	21	18	bps TC	-	03	23	..	bp KV	-
04	00	48	si SO	-	04	01	04	bp TL	-	04	04	55	pi2 HO	-	04	06	22	b PP	-
04	10	30	bp OD	-	04	20	24	si TR	-	05	08	57	pc4 TE	-	05	09	10	pi2 HO	-
05	14	55	pi2 HU	-	05	22	13	bp TC	-	05	23	47	bp MC	-	06	00	40	pi2 BI	-
06	04	16	bp PP	-	06	10	57	pi2 LM	-	06	19	37	pi2 OD	-	07	04	35	pc4 LM	-
07	09	54	pi2 PP	-	07	21	47	pi2 LM	-	08	13	09	ssc TF	-	08	16	06	bp WK	-
08	21	..	bp KV	-	09	10	28	si BE	-	09	21	12	pi2 TK	-	09	21	30	pi2 CF	-
10	04	53	pi2 LM	-	10	06	31	pi2 LM	-	10	07	40	pi2 PP	-	10	09	04	pi2 PP	-
10	10	05	pi2 PP	-	11	09	31	ssc HL	-	11	09	57	si BE	-	11	15	00	pc5 LE	-
11	17	03	pi2 TF	-	11	21	00	pc4 SI	-	12	06	23	si LU	-	12	10	28	si HL	-
12	13	44	pc4 TE	-	12	14	00	pc5 SI	-	12	17	26	pi2 TK	-	12	20	..	bp KV	-
12	23	20	pi2 HU	-	12	23	35	bps LE	-	13	00	20	pi2 SM	-	13	08	40	bp PP	-
14	05	17	pc4 TE	-	14	05	32	pi2 LM	-	14	07	02	si HL	-	15	01	58	pi2 TO	-
15	14	04	si HL	-	15	19	48	pi2 AQ	-	16	02	19	bp TC	-	16	02	45	pi2 BI	-
16	03	07	pi2 FR	-	16	04	34	pi2 LM	-	16	12	56	ssc HL	-	16	19	38	pi2 TP	-
16	20	16	bp TP	-	16	20	39	bp QU	-	17	09	38	bp PP	-	17	10	54	bp TO	-
17	17	40	bp IR	-	17	23	51	pi2 LM	-	18	00	23	pi2 CF	-	18	07	30	pi2 HO	-
18	23	42	pi2 FR	-	19	00	10	bp HR	-	19	00	40	pi2 SM	-	19	04	05	pc4 TE	-
19	12	38	pi2 CO	-	19	14	36	pi2 TK	-	19	22	46	pi2 LM	-	20	00	00	pi2 BI	-
20	02	21	pi2 SU	-	20	06	09	pc4 TE	-	20	06	..	pi2 PP	-	20	07	32	bp PP	-
20	16	53	bp OD	-	20	17	09	bp TF	-	20	19	48	bps IR	-	20	21	50	bp BI	-
21	01	09	bp HU	-	21	10	00	pc4 BI	-	21	19	53	pi2 OD	-	21	22	15	pi2 BI	-
22	04	50	pc5 TE	-	22	05	11	pc5 TE	-	22	14	31	b TR	-	24	05	18	pi2 TE	-
25	02	43	pi2 SM	-	25	09	40	pc4 LM	-	25	10	17	si SF	-	25	11	56	si HL	-
25	17	17	si SO	-	26	03	29	ssc SM	-	26	03	49	si IR	-	26	06	00	pc5 SI	-
26	06	32	si TE	-	26	09	03	si TE	-	26	09	15	si TE	-	26	11	03	si TE	-
26	11	30	si TE	-	26	13	12	ssc TC	-	26	16	52	b IR	-	26	21	36	bp IR	-
26	23	32	si TE	-	27	10	34	b HU	-	27	23	00	pc4 CO	-	28	00	55	pi2 LM	-
28	06	12	bp VI	-	28	10	30	bp HU	-	28	20	24	pi2 TK	-	28	20	54	ssc TF	-
28	22	00	bp HR	-	29	18	02	pi2 TF	-	29	20	..	bp KV	-	30	11	20	si HB	-
30	16	42	bp PM	-	30	18	52	bp TN	-	30	20	26	ssc SO	-	30	21	51	bp TF	-
30	23	39	bp CF	-	31	04	33	bps IR	-	31	07	45	bs IR	-	31	10	30	bs IR	-
31	16	28	b IR	-	31	17	30	bps MO	-										

JUNE

01	04	25	bp BI	-	01	04	42	sfe BI?	-	01	05	09	bp VI	-	01	20	27	bp TF	-
01	21	42	pi2 PE	-	02	00	52	bp BI	-	02	01	30	b HU	-	02	02	10	bp SM	-
02	09	..	si MC	-	02	11	00	bs IR	-	02	18	06	pi2 TF	-	03	12	06	pi2 CO	-
03	18	00	pi2 TK	-	03	23	47	pi2 PE	-	04	02	32	pi2 FR	-	04	03	12	bp MB	-
04	03	55	bp TC	-	04	06	00	pi2 LM	-	04	06	53	pc4 LM	-	04	09	42	pc5 TE	-
04	10	00	pc4 BI	-	04	11	00	pi2 HU	-	04	12	06	pi2 CO	-	04	15	40	pi2 HU	-
04	16	12	bs CO	-	04	17	10	pi2 HU	-	04	22	06	b TP	-	04	23	00	pc4 CO	-
05	03	32	pi2 AG	-	05	05	12	pc4 LM	-	05	09	59	pi2 CO	-	05	10	10	pc4 HO	-
05	10	56	si OD	-	05	13	23	pi2 CO	-	05	17	53	pi2 FR	-	05	22	40	pc4 CO	-
05	23	00	pc4 HO	-	06	13	50	pi2 CO	-	07	03	34	si TR	-	07	03	52	pi2 HU	-
07	09	55	bp TO	-	07	10	24	bp IR	-	08	02	00	pc4 LM	-	08	06	52	pi2 LM	-
08	08	10	pc4 TE	-	08	09	00	bp AP	-	08	20	50	pi2 OD	-	09	11	55	pc4 LM	-
09	13	04	pc4 TE	-	09	14	16	pi2 CM	-	09	16	02	pi2 TK	-	09	16	48	pi2 TK	-
09	17	54	pi2 TK	-	09	18	35	pi2 TK	-	09	19	48	pi2 TK	-	09	23	50	si HL	-
10	02	15	pc4 LM	-	10	05	00	pc4 LM	-	10	08	25	pi2 HO	-	10	20	00	pi2 BI	-
10	23	05	pi2 PE	-	11	00	45	pi2 BI	-	11	07	50	pi2 HO	-	11	18	12	b TC	-
12	04	20	bp HU	-	12	05	09	pc4 TE	-	12	11	00	bp OD	-	12	13	19	pi2 MT	-
12	18	30	pi2 TF	-	12	23	10	pi2 OD	-	13	13	05	pi2 SI	-	15	04	54	pi2 LM	-
15	16	00	pc4 SI	-	15	17	24	bp TF	-	15	18	29	ssc MA	-	15	23	02	si TE	-
16	09	43	pc4 TE	-	16	10	05	pc4 HO	-	16	10	35	pc4 LM	-	16	12	30	pi2 BI	-
16	16	48	pi2 TK	-	16	19	09	pi2 OD	-	15	22	50	pi2 LM	-	17	10	00	pi2 HO	-
17	10	38	pi2 CO	-	18	15	00	pc5 SI	-	19	01	25	pi2 MB	-	19	05	48	pi2 LM	-
19	13	..	bp KV	-	19	15	30	pc5 SI	-	20	01	14	pi2 CF	-	20	05	30	pi2 HU	-
20	06	21	pi2 LM	-	20	14	05	pi2 GN	-	20	16	31	bp TF	-	20	18	41	pi2 OD	-
20	19	49	si TR	-	21	02	52	pi2 MB	-	21	06	10	pi2 LM	-	21	11	25	pi2 SI	-

TABLE 4 MINOR DISTURBANCES 1966 - continued

(JUNE)

d	h	m		d	h	m		d	h	m		d	h	m					
21	12	25	pi2 HO	-	21	21	07	pi2 OD	-	22	04	57	pc4 LM	-	22	16	07	pi2 TK	-
22	16	33	pi2 AG	-	22	17	30	pi2 TK	-	22	21	10	pi2 OD	-	22	21	37	pi2 PE	-
22	22	15	pi2 TF	-	22	22	32	si FR	-	23	04	29	ssc OD	-	23	07	08	si VL	-
23	09	55	pi2 HO	-	23	13	10	pc4 HO	-	23	17	42	si LE	-	23	18	10	bp TF	-
23	18	36	b IR	-	24	04	02	ssc QU	-	24	08	56	ssc TA	-	24	09	51	si TE	-
24	17	21	si ES	-	24	18	37	ssc TC	-	24	23	23	pi2 LM	-	25	02	38	pc4 LM	-
25	03	25	pi2 AG	-	25	07	05	pi2 HO	-	25	15	39	bp TF	-	25	16	42	bp IR	-
25	18	51	bp TF	-	25	19	09	pi2 CF	-	25	21	37	bp TF	-	25	23	27	ssc BE	-
26	05	29	pi2 LM	-	26	08	01	pi2 LM	-	26	09	01	ssc SO	-	26	16	54	bps WK	-
26	18	00	pc4 SI	-	26	19	06	si AE	-	26	19	..	pc4 CO	-	26	21	57	pi2 PE	-
27	01	00	pc4 AM	-	27	02	55	pc4 LM	-	27	21	37	pi2 CF	-	28	04	50	pi2 HU	-
28	16	31	b SW	-	28	16	49	bp TC	-	28	17	48	pi2 TK	-	28	18	..	pc5 CO	-
28	19	20	pi2 BI	-	28	19	51	pi2 TK	-	28	21	01	pi2 OD	-	28	21	32	si HL	-
28	21	50	si TL	-	28	23	40	bp BI	-	29	05	04	si HL	-	29	18	..	pc5 CO	-
29	22	06	pi2 OD	-	30	02	10	bp HR	-	30	02	35	bp BI	-	30	06	28	pi2 LM	-
30	13	40	b HL	-	30	14	09	pi2 CO	-	30	19	18	ssc TR	-	30	21	29	pc4 FR	-
30	23	46	bp SU	-															

JULY

01	00	15	bp BI	-	01	04	11	bp AC	-	01	04	55	pi2 AC	-	01	09	52	bp TO	-
01	11	00	pi2 GN	-	01	14	17	pc4 AC	-	01	18	30	pi2 TF	-	01	19	03	pi2 LM	-
01	20	..	bp KV	-	02	00	15	bps BI	-	02	01	50	pi2 AC	-	02	02	05	pi2 PE	-
02	02	50	pi2 AC	-	02	18	50	pi2 SU	-	03	02	29	pi2 FR	-	03	04	11	bp SM	-
03	09	55	pi2 SI	-	03	20	47	pi2 EB	-	03	21	27	bp MA	-	03	21	51	bp TF	-
04	03	16	pc4 AC	-	04	08	13	pc4 AC	-	04	09	03	ssc HB?	-	04	13	04	si HL	-
04	18	03	bs IR	-	04	20	00	pc4 SI	-	04	21	00	bp LZ	-	04	21	48	bp IR	-
04	22	23	bp WK	-	05	01	00	bs KS	-	05	03	39	pi2 AC	-	05	09	21	sfe MC?	-
05	12	21	pc5 FR	-	06	00	49	pi2 OD	-	06	04	25	pc4 AC	-	06	04	57	pc4 LM	-
06	06	10	pi2 HU	-	06	06	52	pc4 LM	-	06	09	50	pi2 HO	-	06	14	40	si SM	-
06	21	24	pi2 BI	-	07	04	25	pi2 AC	-	07	05	05	pc4 LM	-	07	21	10	pi2 LM	-
08	00	47	si HL	-	08	01	30	pi2 SJ	-	08	02	52	pi2 LM	-	08	08	55	pi2 HO	-
08	09	30	bps IR	-	08	14	39	ssc TR	-	08	20	47	si LG	-	08	21	48	b IR	-
09	04	00	bs IR	-	09	05	31	bps IR	-	09	07	00	bps IR	-	09	08	47	si TE	-
09	11	42	b IR	-	09	15	46	bs IR	-	09	16	30	bps WK	-	09	22	41	pi2 BI	-
09	23	00	bp LZ	-	10	01	18	si KS	-	10	03	37	pi2 AG	-	10	06	54	bps IR	-
10	11	08	bps IR	-	10	12	00	pc5 SI	-	10	19	45	pi2 OD	-	10	20	45	pi2 LM	-
10	22	15	bp BI	-	10	23	20	bps BI	-	11	01	18	pi2 LM	-	11	03	54	pi2 LM	-
11	04	48	si AE	-	11	06	30	pi2 UB	-	11	13	34	pi2 CO	-	11	21	09	si TE	-
11	22	27	pi2 LM	-	12	03	10	bp OD	-	12	03	54	b IR	-	12	08	21	bp PM	-
12	22	36	pi2 TF	-	13	10	15	pi2 BI	-	13	12	39	pc4 AC	-	13	14	55	pi2 LM	-
13	16	39	pi2 TF	-	14	05	32	pc4 LM	-	14	15	13	pi2 OD	-	14	16	42	pi2 TK	-
14	17	30	pi2 UB	-	14	19	10	pi2 QU	-	15	01	31	pi2 AC	-	15	09	15	pc4 HO	-
15	19	37	pi2 TF	-	15	22	39	si TE	-	16	06	17	pc4 LM	-	16	06	50	pc4 AC	-
16	07	25	pc4 ES	-	16	19	..	pc4 SI	-	17	02	03	bp TL	-	17	03	36	pi2 LM	-
17	12	04	pc4 AC	-	17	14	42	pc4 TE	-	17	16	07	bp GN	-	17	20	47	bp BI	-
17	21	50	pi2 TA	-	18	08	00	pc4 AC	-	18	11	10	pi2 HO	-	18	16	00	bps TR	-
18	18	11	bp WK	-	19	11	52	pi2 BI	-	19	14	50	pi2 TO	-	19	15	07	pi2 TK	-
19	19	05	pi2 TF	-	20	06	55	ssc GU	-	20	07	54	si HL	-	20	12	22	pi2 CM	-
20	19	00	pc4+pi2AC	-	20	21	23	bp BI	-	21	01	16	bp BI	-	21	12	50	pi2 SI	-
21	16	04	pi2 TF	-	21	18	30	b IR	-	21	19	45	pi2 BI	-	21	21	50	bp BI	-
21	23	30	bp LZ	-	22	01	37	bp SJ	-	22	04	54	pc4 TE	-	22	07	30	si WK	-
23	17	22	pi2 TF	-	24	02	11	pc5 SM	-	24	05	39	pi2 LM	-	24	23	15	pi2 SM	-
25	00	12	si HL	-	25	02	52	pi2 TA	-	25	03	26	pi2 SM	-	25	05	38	pc4 LM	-
25	20	..	bp KV	-	26	01	08	pi2 LM	-	26	01	45	bps HU	-	26	06	46	pi2 LM	-
26	07	40	pc4 AC	-	26	20	00	pi2 TF	-	27	01	05	pi2 LM	-	27	05	04	si BI	-
27	07	03	ssc TK	-	27	11	51	ssc TF	-	27	15	..	pc4 SI	-	27	16	18	si LG	-
27	18	35	pi2 TE	-	28	01	20	pi2 BI	-	28	06	15	bp TE	-	28	09	20	pi2 HO	-
28	16	27	pi2 TF	-	28	16	39	pi2 LM	-	28	22	00	pi2 BI	-	29	00	17	b SW	-
29	01	05	bp LE	-	29	10	15	pc4 HO	-	29	10	39	b CO	-	30	03	03	pi2 LM	-
30	05	17	ssc IK	-	30	05	42	pi2 AC	-	30	06	30	pi2 LM	-	31	03	06	bp TE	-
31	10	55	pi2 BI	-	31	22	33	pi2 TF	-	31	23	56	si LG	-					

TABLE 4 MINOR DISTURBANCES 1966 - continued

AUGUST

d	h	m		d	h	m		d	h	m		d	h	m					
01	03	40	pi2 HU	-	01	12	50	pi2 HO	-	01	14	30	pi2 BI	-	01	20	42	pi2 TF	-
01	23	06	b SO	-	01	23	30	bp BI	-	02	05	20	pc4 LM	-	02	13	55	pc5 CO	-
02	19	40	pi2 TF	-	02	19	56	pi2 OD	-	02	21	37	pi2 BI	-	03	00	31	b PE	-
03	01	58	pi2 PE	-	03	03	13	pi2 LM	-	03	04	45	pi2 AC	-	03	05	06	bps HU	-
03	06	00	pi2 PP	-	03	07	12	pi2 HO	-	03	09	18	bps IR	-	03	09	30	si LU	-
03	13	25	pi2 BI	-	04	06	49	pi2 LM	-	04	10	58	pi2 TO	-	04	11	09	bp KY	-
04	12	06	bp IR	-	04	15	09	bp TF	-	04	17	15	pi2 FR	-	04	20	00	pc4 SI	-
04	21	15	bp HR	-	04	22	39	pi2 PE	-	04	23	43	bp BI	-	05	01	37	pc4 BI	-
05	01	55	pi2 PE	-	05	15	02	bp WK	-	05	15	44	bp TF	-	05	18	15	bp TF	-
05	20	29	pi2 OD	-	05	23	55	bp CF	-	06	00	00	pc4 CI	-	06	09	38	bp OD	-
06	18	36	pi2 TF	-	06	21	18	bp TF	-	07	01	04	pi2 AC	-	07	01	37	b OD	-
07	04	53	pi2 LM	-	07	07	07	pc4 LM	-	07	19	17	pi2 BI	-	08	07	22	bp IR	-
08	18	10	ssc TF	-	08	23	12	bp TF	-	09	01	52	si IK	-	09	03	04	si HL	-
09	04	10	si TE	-	09	09	35	pc4 PP	-	09	18	30	bp HR	-	09	19	00	pc4 PP	-
10	01	22	ssc PM	-	10	02	50	bps MA?	-	10	07	49	pi2 LM	-	10	09	00	bp BI	-
10	10	35	pc4 HO	-	10	13	24	bps IR	-	10	20	00	pi2 BI	-	11	00	03	pi2 PE	-
11	00	39	bp TF	-	11	01	11	pi2 PE	-	11	02	48	pi2 PE	-	11	07	12	bp VI	-
11	07	27	bp AP	-	11	13	18	bp IR	-	11	18	10	bp WK	-	11	19	56	ssc SO	-
11	19	..	pc5 PP	-	12	00	41	bp DB	-	12	02	06	bps IR	-	12	03	20	ssc TF	-
12	04	30	pi2 LM	-	12	10	43	b AC	-	12	11	09	bps IR	-	12	14	29	pc4 AC	-
12	18	07	bp PE	-	12	21	35	bp OD	-	12	22	04	bp PE	-	13	02	04	pi2 TA	-
13	02	56	pi2 LM	-	13	04	44	pi2 LM	-	13	19	30	pc4 FR	-	13	21	51	bp TF	-
13	23	25	pi2 BI	-	14	00	11	pi2 AC	-	14	01	19	pi2 AC	-	14	01	56	pi2 TA	-
14	02	40	pi2 AC	-	14	09	42	ssc TF	-	15	01	25	pi2 BI	-	15	05	18	pc4 TE	-
15	09	30	pc4 HO	-	15	18	30	bp TF	-	15	19	50	pi2 BI	-	15	21	35	pi2 ES	-
15	22	33	pi2 LG	-	16	06	03	pi2 CO	-	16	08	24	bp TO	-	16	18	50	pi2 BI	-
16	21	43	pi2 TA	-	17	00	08	bp EB	-	17	10	05	pc4 LM	-	17	11	45	pc4 LM	-
17	16	45	pi2 LM	-	17	18	05	pi2 TF	-	18	08	45	pc4 SI	-	18	09	07	ssc CO	-
18	13	..	pc5 PP	-	19	00	24	pi2 TW	-	19	01	51	pi2 PE	-	19	02	30	pc4 LM	-
19	02	50	pc4 BI	-	19	03	35	bp TE	-	19	03	59	pc4 AC	-	19	09	00	pc4 SI	-
19	10	30	bp LZ	-	19	10	58	bps IR	-	19	16	18	bp IR	-	19	16	35	bp TK	-
19	16	54	bp TF	-	19	17	58	bp TF	-	19	18	12	bp IR	-	19	20	26	bp TF	-
20	17	29	pi2 OD	-	20	17	57	pi2 LM	-	20	23	55	bps LE	-	21	01	30	pc4 AC	-
21	04	47	pi2 LM	-	21	10	45	pi2 CO	-	21	18	23	pi2 TK	-	21	19	15	bp BI	-
22	02	37	pc4 AC	-	22	03	00	pc5 TE	-	22	03	35	pc5 CO	-	22	21	21	ssc TF	-
22	21	36	ssc TR	-	23	07	32	si HL	-	23	08	14	bps IR	-	23	08	50	pc4 TE	-
23	16	11	si LE	-	23	22	12	bp TF	-	23	22	48	bs SO	-	23	23	05	si SO	-
24	01	20	b HU	-	24	11	00	b IR	-	24	11	27	bp TF	-	24	15	00	pc4 SI	-
24	16	11	si LE	-	24	20	06	bp IR	-	25	11	59	pc4 BI	-	25	13	43	pi2 LG	-
25	18	00	bp IR	-	25	19	26	bp TF	-	26	05	41	si AE	-	26	06	03	pi2 AC	-
26	11	06	bp IR	-	27	02	08	pi2 PE	-	27	12	27	pi2 CO	-	27	18	36	pc4 FR	-
27	21	39	pi2 OD	-	27	22	12	pi2 PE	-	28	06	48	si HL	-	28	10	40	pc4 LM	-
28	11	35	si BI	-	28	15	00	bp BI	-	28	15	40	si AG?	-	28	17	20	pi2 BI	-
28	23	00	bp MC	-	29	07	09	pc4 LM	-	29	09	00	pi2 PP	-	29	10	15	pc4 BI	-
29	15	05	pi2 GU	-	29	21	25	si TE	-	30	01	37	si LE	-	30	10	42	ssc TR	-
30	13	30	pc4 SI	-	30	17	45	bps IR	-	30	20	14	bps WK	-	30	22	58	bps IR	-
30	23	24	si AC	-	31	02	30	pc5 SI	-	31	11	14	si BE	-	31	11	56	ssc SU	-
31	12	08	si LG	-	31	16	30	pc4 SI	-	31	22	37	bp BI	-					

SEPTEMBER

01	02	08	pi2 PE	-	01	05	33	bp TE	-	01	08	50	pi2 HO	-	01	11	31	si MA	-
01	22	..	bp KV	-	02	08	02	bs HU	-	02	10	18	si MB	-	02	10	48	si SO	-
02	14	15	ssc TA	-	02	16	..	pc4 SI	-	02	19	..	bp KV	-	03	01	00	si TE	-
03	03	01	si TE	-	03	05	21	si TE	-	03	08	24	si MA	-	03	08	45	pi2 BI	-
03	10	10	pi2 BI	-	03	12	08	si TE	-	03	19	49	si CF	-	03	21	50	bps WK	-
04	01	44	si TA	-	04	02	35	si AC	-	04	03	58	bp BI	-	04	04	19	si QU	-
04	06	45	pc4 BI	-	04	12	58	bp BI	-	04	16	21	b SU	-	05	02	00	pc4 TR	-
05	05	40	pi2 LM	-	05	07	35	pi2 SI	-	05	09	32	ssc VL	-	05	10	59	ssc MA	-
05	11	30	bp LZ	-	05	11	42	pi2 BI	-	05	12	48	si BI	-	05	14	30	si AC	-
05	20	08	si LG	-	06	05	02	pi2 HU	-	06	09	59	pc4 BI	-	06	13	55	b SF	-
06	16	12	pi2 BI	-	06	23	00	pi2 BI	-	06	23	26	pi2 EB	-	07	02	37	pi2 TA	-
07	04	38	pi2 PP	-	07	05	50	pi2 LM	-	07	07	10	pi2 LM	-	07	08	02	pi2 BI	-
07	10	16	ssc HL	-	07	14	25	bp MT	-	07	15	06	bp BI	-	07	15	36	bp WK	-
07	19	30	bp LZ	-	08	02	25	pi2 LM	-	08	06	03	bp TE	-	08	07	35	pi2 HU	-

TABLE 4 MINOR DISTURBANCES 1966 - continued

NOVEMBER

d	h	m		d	h	m		d	h	m		d	h	m					
01	01	09	ssc SM	-	01	02	25	si HL	-	01	03	18	si HL	-	01	05	24	si HL	-
01	05	42	bp TE	-	01	06	31	bp TF	-	01	07	31	si HL	-	01	13	40	bp BI	-
01	16	19	si ES	-	02	04	00	pg HL	-	02	07	12	si WK	-	02	09	20	si LG	-
02	09	50	pc4 BI	-	02	10	55	pg OD	-	02	11	50	bp AP	-	02	13	00	pg OD	-
02	15	00	pc4 TU	-	02	18	13	bp MC	-	02	18	..	pc4 SI	-	03	12	40	b IR	-
03	13	48	ssc VI	-	03	15	00	pc4 TU	-	03	16	55	pi2 BI	-	03	18	34	bps QU	-
03	23	11	pi2 BI	-	04	00	15	bp SM	-	04	00	40	b SM	-	04	17	40	b GN	-
04	19	00	bp LZ	-	04	21	56	bs KS	-	05	00	33	pc5 TR	-	05	04	32	pi2 AC	-
05	06	23	pi2 AC	-	05	14	30	bp TF	-	05	16	15	bps TK	-	05	19	10	pi2 BI	-
06	03	36	pc4 TR	-	06	12	42	pi2 AC	-	06	17	01	ssc SO	-	06	20	..	pc4 CO	-
07	08	27	pi2 PP	-	07	19	40	pi2 OD	-	08	00	28	b TN	-	08	01	15	pi2 TF	-
08	07	47	si HL	-	08	11	49	pi2 CO	-	09	07	15	pi2 PP	-	09	07	44	pc5 TE	-
09	08	10	pi2 HO	-	09	20	12	bp TF	-	10	04	15	pi2 SJ	-	10	04	26	pc5 ES	-
10	04	40	pc4 PP	-	10	06	02	si HL	-	10	06	33	ssc HB?	-	10	10	08	pc5 TE	-
10	10	49	pi2 AM	-	10	11	30	b IR	-	10	11	48	pc5 TE	-	10	16	42	pi2 KY	-
10	18	50	ssc SO	-	10	19	35	b OD	-	11	03	37	pi2 TW	-	11	08	14	si LG	-
11	09	55	bp MT	-	12	01	34	pi2 TA	-	12	17	24	b SW	-	13	05	32	si HL	-
13	06	00	pg HL	-	13	09	10	pi2 PP	-	13	17	48	b TR	-	14	01	42	pc4 TR	-
14	22	57	bp TF	-	15	08	10	si LG	-	15	18	46	pi2 QU	-	16	00	18	ssc TK	-
16	16	50	pc4 FR	-	16	21	15	pi2 TF	-	17	07	59	si TE	-	17	17	41	si ES	-
17	17	53	bs IR	-	17	18	20	si HO	-	17	20	20	b IR	-	18	12	15	si ME	-
18	13	04	si AC	-	18	17	17	bp NI	-	18	21	59	bp LG	-	19	02	02	pi2 PE	-
19	06	33	pc4 TE	-	19	11	27	pi2 MT	-	19	12	36	pi2 AM	-	19	20	25	ssc TA	-
19	21	00	bp TF	-	19	23	25	pg CI	-	20	19	04	si SO	-	20	21	02	ssc SO	-
20	21	36	pi2 CF	-	21	04	33	bps AG	-	21	07	33	pc4 TE	-	21	19	13	ssc TF	-
22	00	..	pc4 TR	-	22	16	02	pi2 QU	-	22	17	03	pi2 TF	-	22	23	31	pc4 TR	-
23	03	22	bp SJ	-	23	10	16	pc4 PP	-	23	11	49	pi2 LU	-	23	16	15	bp TF	-
23	21	50	pi2 OD	-	24	02	00	pc4 TF	-	24	13	35	pi2 TW	-	24	18	50	pc4 CO	-
24	20	41	pi2 AQ	-	24	21	..	bp KV	-	26	05	15	si TE	-	26	07	36	si LG	-
26	09	06	si IR	-	26	16	20	bp OD	-	27	01	18	pi2 TR	-	27	06	03	pc4 TR	-
27	08	00	pi2 KS	-	27	08	32	si ES	-	27	09	43	pi2 PP	-	27	16	16	bp IR	-
27	17	..	bp KV	-	27	19	06	bp TF	-	28	07	29	pc4 TE	-	28	08	30	ssc TA	-
28	13	30	b IR	-	28	15	21	ssc TF	-	28	17	10	bps TL	-	28	19	20	bp AE	-
28	23	19	bp TE	-	28	23	30	bs ES	-	29	04	00	pi2 KS	-	29	05	38	bp TE	-
29	07	08	b SJ	-	29	10	50	b IR	-	29	12	20	pi2 KS	-	29	18	20	pi2 KS	-
30	02	45	pc4 TW	-	30	14	06	bp NI	-	30	21	58	si CO	-					-

DECEMBER

01	06	34	pc4 TE	-	01	06	49	pc4 AC	-	01	08	28	si HL	-	01	16	55	pi2 QU	-
01	17	36	pi2 TF	-	01	18	20	pc4 TE	-	01	19	34	bs SO	-	02	06	00	pc4 TR	-
02	14	36	bp IR	-	02	15	15	pc4 FR	-	02	17	31	bp TF	-	03	18	10	bp TR	-
03	22	33	bp MA	-	03	23	52	bps TR	-	04	05	45	ssc MB	-	04	06	43	pc5 TE	-
04	10	17	si TE	-	04	11	24	si TE	-	04	12	32	si TE	-	04	21	35	pi2 TE	-
04	23	07	bp CF	-	05	04	57	bps HU	-	05	06	11	ssc AG	-	05	08	32	b PP	-
05	10	..	pc5 SI	-	05	13	48	pi2 FR	-	05	15	59	pi2 KY	-	05	17	40	bp PM	-
06	08	04	si AE	-	06	15	43	bp TF	-	07	00	57	pc4 TR	-	07	12	00	pi2 FR	-
07	12	26	pi2 HU	-	07	12	..	pc4 AC	-	07	14	40	pi2+pc4TW	-	07	15	07	pi2 TF	-
07	16	29	pi2 TF	-	07	18	15	pi2 TF	-	07	19	42	pi2 OD	-	07	20	10	pi2 QU	-
07	21	53	pc4 QU	-	07	22	06	pi2 TF	-	08	02	48	pc4 TR	-	08	05	36	si HL	-
08	09	08	pi2 PP	-	08	16	40	pi2 GN	-	08	21	38	pi2 QU	-	08	22	00	pi2 TK	-
08	22	40	bp NU	-	09	04	00	pc5 TF	-	09	17	19	pi2 TK	-	09	17	56	cr PP	-
09	22	10	pi2 OD	-	11	02	30	pc4 TR	-	11	10	45	pc4 AC	-	11	12	47	cr MB?	-
11	17	24	cr PP	-	11	17	39	pi2 TF	-	12	02	30	ssc TF	-	12	13	22	pi2 AC	-
12	17	33	si TN	-	12	18	38	pi2 QU	-	13	06	15	si ME	-	13	14	53	si MB	-
13	16	48	si ES	-	14	00	10	si TR	-	14	01	41	si HL	-	14	03	12	si TE	-
14	03	54	si ME	-	14	13	45	ssc SO	-	14	14	05	si LG	-	14	15	06	si TE	-
14	15	42	si TE	-	14	18	00	pg SI	-	14	18	58	bp CF	-	14	20	15	pi2 AG	-
14	20	35	bp ES	-	14	20	56	si OD	-	15	01	46	si TW	-	15	13	58	pg LZ	-
15	16	45	bp IR	-	15	21	12	b SO	-	16	05	00	pi2 TU	-	16	05	14	pc4 TE	-
16	13	33	si TF	-	16	16	15	bp TF	-	16	18	00	pi2 SJ	-	16	18	29	ssc TF	-
16	19	15	pi2 AG	-	16	19	..	pc4+pi2AC	-	16	20	36	pi2 TF	-	16	21	15	pi2 GU	-
17	00	00	pi2 HU	-	17	08	18	pc4 TE	-	17	18	21	pi2 TF	-	17	21	30	bp HR	-
18	13	04	bp TF	-	20	18	54	pi2 KY	-	20	23	32	pi2 TA	-	21	09	15	pi2 SI	-
21	13	33	ssc TR	-	21	18	53	bp IR	-	21	20	40	si SO	-	22	04	10	si AG	-

TABLE 4 MINOR DISTURBANCES 1966 - continued

(DECEMBER)

d	h	m				d	h	m				d	h	m				d	h	m			
22	09	16	si	BE	-	22	15	24	si	LG	-	22	15	38	si	MT	-	22	21	58	pi2	AC	-
22	22	29	pi2	AC	-	23	02	35	pc5	FR	-	23	17	30	pi2	AG	-	23	18	00	b	WN	-
23	20	58	bp	SO	-	24	05	48	ssc	TF	-	24	09	40	bp	AP	-	24	18	09	pi2	TF	-
24	20	54	pi2	LG	-	24	20	..	bp	KV	-	25	03	36	si	HL	-	25	05	03	pi2	AC	-
25	08	52	pi2	AC	-	25	19	..	pc5	SI	-	26	00	05	ssc	TF	-	26	07	..	pc4	AC	-
26	09	30	pi2	SJ	-	26	09	49	si	VL	-	26	10	10	pi2	AG	-	26	12	18	bp	IR	-
26	14	45	bp	SU	-	26	18	09	pi2	MA	-	26	23	01	b	IR	-	26	23	15	ssc	CI	-
27	09	30	ssc	VL	-	27	12	00	bp	LZ	-	27	13	06	pi2	AG	-	27	16	15	bp	LU	-
27	20	40	bp	AE	-	28	13	00	bp	SU	-	29	02	07	pi2	AC	-	29	02	21	b	HU	-
29	06	00	pc5	TF	-	29	07	25	pi2	SI	-	29	12	00	si	LG	-	29	14	20	pi2+pc4	FR	-
29	14	51	pc4	TE	-	29	16	47	pi2	OD	-	29	19	..	pc4	SI	-	29	21	32	pi2	EB	-
29	21	52	bp	TF	-	29	22	42	bp	ES	-	29	23	..	bp	KV	-	30	02	16	pi2	AC	-
30	11	41	bps	AM	-	30	15	39	pi2	AC	-	30	19	48	pc4	FR	-	30	21	28	pi2	OD	-

TABLE 5a SOLAR-FLARE EFFECTS (S.F.E.'S) 1966

Starting-times of solar-flare effects checked by 60 observatories. Observatories near the subsolar point are underlined. A simultaneous ionospheric or radiosolar disturbance or simultaneous chromospheric flare observed on the sun has been indicated by underlining the time. Stations in the twilight-zone are indicated by dotted brackets. Stations in full dark are given in parentheses. Stations on the night-side of the earth which gave a negative or doubtful answer have been omitted. Stations whose checking-lists have not been received, but whose monthly reports have been sometimes taken into account in order to get a better knowledge of the real effect observed (PM HU GN TO) are included in square-brackets. Strong effects are marked by an asterisk.

JANUARY

20d 00h 23m B: (QU) HO GU AP AM - C: MT KA KY - D: SI VI TU LP MU TG KG SB
- E: DU - X: AC.

FEBRUARY

28d 03h 50m A: MU - B: LP AL TG [PM] - C: KN IR MT KA KY GU - D: TF QU HO
AA AP TN AM KG DU SB - X: LE SF AC.

MARCH

16d 09h 12m A: AA - B: PR HB TF MU TG TN HR - C: SO NU KN WN WI IR BE KV
RA OD SF QU AL - D: DO LE ES NI VL CM HA MA DB FU SU LG AQ
EB TL KS LP MC KG DU SB - E: (CO) - X: SM.

20d 09h 54m* A: NU IR CM FU OD LG EB TL SF KS QU AL AA TN HR - B: SO ES
WN WI NI KV DB RA PR AQ SM LP - C: DO MU PA AC - D: HB SU
TG DU SB - E: TF - (si: A: KN; B: VL BE HA MA MC? KG; C: LE).

24d 02h 28m A: LP MU GU TG - B: MT KA KY HO AP AM - C: CO SI AL - D: IR VI
QU KG DU SB - X: KS - (b: AA).

29d 03h 27m A: (AG) AP - B: MT KA KY LP HO GU TG - C: KN AL MU TN AM SB
- D: IR TF QU KG - E: CO DO LE SI CM RA (FR) (TU) (TE) DU
- X: SO LG EB KS.

29d 10h 55m A: SU - B: NU ES HB OD AQ EB SF AA TN HR - C: LE KN WN WI IR
BE KV RA TF SM AL PA MC AC - D: SO DO NI VL CM HA MA DB PR
FU TL QU TG KG - X: LG - (si: KS).

30d 12h 46m A: NU WN RA PR FU SU EB KS QU MC HR - B: LE ES WI NI VL BE
HA MA DB HB AQ TF TL AL AA PA TN - C: SO DO CM KV SM SJ
AC - D: AG FR TE KG - X: LG - (si: A: OD SF; B: KN - pi2: C: MT KA
KY).

APRIL

02d 11h 35m A: SU - B: ES HB OD EB SF MC TN - C: NU LE KN WN WI BE CM KV
RA TF TL SM KS AA SJ PA HR - D: SO DO NI VL HA MA DB PR FU
AG AQ FR AL AC KG - E: (CO) (SI) QU - X: LG.

11d 10h 02m A: AA - B: SO ES HB OD LG EB SF QU MC HR - C: NU KN WN IR BE
KV MA RA SM AL TN - D: DO LE WI NI VL CM HA DB PR FU SU AQ
TF TL KS LP MU PA TG KG.

12d 17h 18m A: AG FR TU TE SJ AC - B: SO CO SI ES VL VI SF (QU) HO [HU] - C:
NU WN HA RA FU LG EB TL PA - D: DO LE WI NI BE CM MA DB PR
HB AQ MC - X: TG - (si: SM - pi2: C: MT KA KY).

MAY

none

JUNE

none

TABLE 5a SOLAR-FLARE EFFECTS (S.F.E.'S) 1966 - continued

JULY

none

AUGUST

28d 15h 24m* A: CO SI WN VL CM HA MA DB PR FU OD SU AG LG AQ FR SF TU
SJ (MU) AA PA HR AC - B: NU LE ES WI NI BE RA HB TL KS - C: SO
DO KV TF - D: VI TE MC - X: AP - (si: B: SM; C: KN).

SEPTEMBER

02d 05h 50m* A: IR DB RA PR FU SU AQ KY LP AL MU TG HR - B: ES WN WI NI
VL: BE HA KV HB MT LG :SF: KA KS MC - C: DO LE KN EB GU -
D: SO NU TF AM KG DU - E: (AG) - X: CM OD AA - (ssc: B: TL-si: B:
QU TN).

18d 14h 54m* A: SU FR SF HR AC - B: ES WN WI NI VL HA MA DB PR FU HB OD
LG EB TL SJ AA PA MC - C: LE SI BE CM AG AQ SM TU-D: SO DO
NU KN KV VI TF KS TE TN - X: RA.

19d 12h 07m A: SU KS - B: WN NI BE CM RA PR HB AL (MU) TN HR - C: SO LE
KN WI KV MA AG TF EB SJ PA AC KG - D: DO ES VL HA DB TL SM
QU - E: NU FU LG AQ FR SF (LP) (GU) AA - (si: A: OD; B: MC?).

21d 09h 31m* A: IR CM FU SU TF KS AL AA TN HR - B: SO NU LE ES WN WI NI
VL BE HA KV MA DB PR HB LG AQ EB SM SF QU LP MC (AP) KG -
DO TL SJ PA AC - D: TG - E: (CO) - X: RA - (si: A: OD; B: KN).

OCTOBER

13d 04h 30m A: OD :SU: MU TG - B: IR QU LP AL [PM] - C: KV MT KA KY GU AA
TN AM - D: TF KS AP HR KG DU SB.

14d 05h 30m* A: IR OD SU LP AL MU AA TG HR SB - B: KN HB MT KA KS KY QU
GU [PM] TN [GN] [TO] KG - C: SO NU BE KV TF - D: AP AM DU.

23d 10h 23m A: SU KS MC - B: NU KN ES NI OD LG SF QU AL TN HR - C: WN WI
VL BE CM KV TF EB SM AA PA TG AC KG - D: SO DO LE HA MA
DB RA PR FU HB AQ TL DU SB.

NOVEMBER

none

DECEMBER

none

TABLE 5b DOUBTFUL SOLAR-FLARE EFFECTS (S.F.E.'S) 1966

Starting-times of presumed solar-flare effects checked by 60 observatories. Observatories near the subsolar point are underlined. A simultaneous ionospheric or radiosolar disturbance or simultaneous chromospheric flare observed on the sun has been indicated by underlining the time. Stations in the twilight-zone are indicated by dotted brackets. Stations in full dark are given in parentheses. Stations on the night-side of the earth which gave a negative or doubtful answer have been omitted. Stations whose checking-lists have not been received, but whose monthly data have been sometimes taken into account in order to get a better knowledge of the real effect observed (PM HU GN TO) are included in square-brackets. Effects which very probably are real sfe's are indicated by an asterisk.

JANUARY

none

FEBRUARY

none

MARCH

01d 09h 55m A: NU SU - B: ES VL CM (VI) OD (AG) (FR) (TU) HR C: SO DO LE KN WN WI IR BE KV MA FU LG TF SM SF KS QU LP AL AA - D: NI HA DB PR HB AQ EB TL PA MC TG TN KG DU SB - X: AC - (si: C: RA).

19d 03h 40m A: SU - B: MT KA AL TG - C: KN KV KY HO - D: KS QU AA AP HR AM SB - E: CO NU SI WN IR CM FU TF (FR) (SF) (TU) LP (SJ) MU GU TN KG DU.

24d 09h 56m A: AA - B: SF TN HR - C: IR QU AL - D: SO DO NU LE KN ES WN WI NI VL BE CM HA KV MA DB RA PR FU HB OD SU LG AQ TF EB TL KS LP MU MC TG KG - E: SM.

25d 10h 05m A: NU - B: ES WN WI BE CM KV MA PR HB AG EB SF (AP) HR - C: WI VL DB SM AL TG TN - D: SO SU TL AA MC KG - E: (CO) DO LE KN IR FU MT LG AQ TF FR KA (TU) KY QU LP (HO) (TE) MU (GU) AC - X: HA KS PA - (si: A: OD; B: RA).

APRIL

none

MAY

none

JUNE

none

JULY

06d 14h 16m A: SO - B: CO SI ES AG FR SF AL (MU) [HU] (SB) - C: NU WN WI BE CM KV RA TU AC - D: DO LE KN NI VL HA MA DB PR VI FU HB OD SU LG AQ TF EB TL SM KS QU TE SJ AA PA MC TN HR.

07d 00h 26m A: LP TG - B: CO KY AP - C: SI MT AG KA TU AM - D: SO IR VI HO TE - X: MU - (si: B: GU).

08d 12h 43m* A: SO NU AG FR SF (TG) - B: ES WI NI BE HA DB PR FU HB OD VI EB AL SJ PA - C: DO LE KN WN IR KV MC LG TF AA HR AC - D: VL SU TL KS TE TN - E: CO SI RA AQ? TU QU (MU) KG (SB) - X: CM AP - (b: SM).

25d 04h 58m A: AL - B: LP GU - C: SO CO NU SI BE KV MT KA KY QU HO MU TG - D: DO LE KN ES WN WI IR NI VL CM HA MA DB RA PR FU HB OD SU LG AQ TF EB KS TN AM KG DU - E: AA - X: AP.

TABLE 5b DOUBTFUL SOLAR-FLARE EFFECTS (S. F. E. 'S) 1966 - continued

AUGUST

none

SEPTEMBER

none

OCTOBER

10d 11h 09m A: SU - B: SO ES VL BE CM HA MA DB RA FU OD :AG: LG EB :FR:
 SM SF (TU) SJ [MB] :MU: - C: NU LE WN WI KV PR AQ TF TL KS
 AL AA TN - D: DO KN NI HB QU PA MC HR AC KG.

13d 13h 42m A: SU (MU) - B: HB TF FR SF SJ HR AC - C: LE WN BE CM RA FU
 OD AG LG EB SM TU AA PA - D: SO DO NU KN ES WI NI VL HA KV
 MA DB PR AQ TL KS TE TN KG - E: (CO) :SI: - (pi2: MC).

NOVEMBER

none

DECEMBER

none

TABLE 5c REJECTED SOLAR-FLARE EFFECTS (S. F. E. 'S) 1966

Starting-times of presumed cases, presented by one or more observers, which most probably do not represent real solar-flare effects.

JANUARY

19d 16h 44m -

FEBRUARY

none

MARCH

17d 06h 42m - 29d 09h 49m -

APRIL

none

MAY

01d 16h 06m -

JUNE

21d 04h 54m -

JULY

09d 02h 48m - 09d 03h 36m -

AUGUST

none

SEPTEMBER

10d 14h 31m - 12d 09h 28m - 12d 09h 42m - 14d 10h 13m -

OCTOBER

23d 14h 21m -

NOVEMBER

02d 10h 02m - 16d 12h 00m - 22d 09h 29m - 30d 16h 30m -

DECEMBER

none

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