



Bureau des Publications SIIG - Bulletin Mensuel n°00 - 11 - Novembre 2000
ISGI Publications Office Monthly Bulletin n°00 - 11 - November 2000

C O N T E N T S

Rapid Variations	- provisional determination of ssc and sfe	November 2000
Classification of days	- five international quietest days and most disturbed days	November 2000
aa	- hemispheric N, S, daily values and planetary half day and daily values	November 2000
	- musical diagram of aa (latest values)	Nov. up to Jan. 21 th 2001
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	November 2000
am, Km	- three hour indices values musical diagram of Km	November 2000
Am, ΣKm	- daily values	November 2000
Ap, ΣKp	- daily values	November 2000
	- monthly tables of hourly indices	November 2000
Dst	- monthly tables of hourly indices	November 2000

Explanations about published data are given in Special Issue 1994 of ISGI Monthly Bulletin.

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PRELIMINARY REPORT ON RAPID VARIATIONS

NOVEMBER 2000

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

04 02 21	A : NAG BJI LNP B : NUR WNG GCK EBR SPT* KAK HTY KNY* HYB C : BDV MMB*	18	1054-1115	BDV+
06 09 47	A : BJI SPT* LNP B : NUR* WNG* VAL* MMB* EBR KAK* KNY* HYB C : NGK* BDV* GCK*	23	2319-2345	HTY+
10 06 28	A : WNG* VAL* CLF* MMB* EBR SPT* KAK* HTY* KNY* LNP HYB B : NGK* BDV* C : HER	24	0457-0530	MMB+ KAK+ KNY+ CNB+
26 07 58	A : SOD* EBR* BJI HYB B : GCK C : BDV* Si : VAL	24	0559-0612	HYB
26 11 58	A : EBR BJI SPT* LNP HYB B : SOD* NUR* WNG* NGK* VAL* BDV* HRB HTY			
28 05 31	A : HYB B : WNG* BDV* LNP C : NGK* VAL*			

REPORTING OBSERVATORIES (up to 3rd of January 2001) :

SOD NUR WNG NGK VAL BDV CLF HRB NAG GCK MMB EBR BJI SPT KAK HTY KNY LNP HYB GNA HER CNB

FIVE INTERNATIONAL QUIETEST DAYS

FIVE INTERNATIONAL MOST DISTURBED DAYS

November 2000	17	16	15	3	2	6	29	7	27	10
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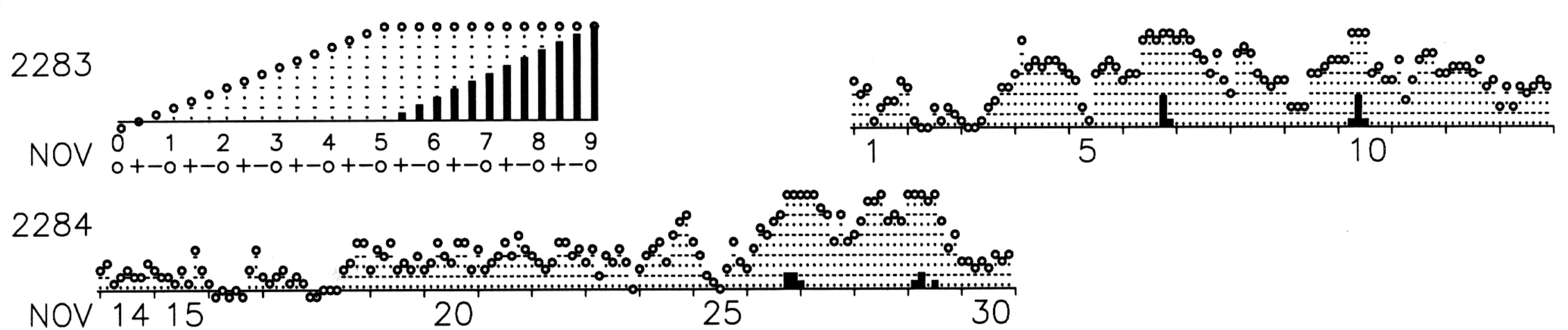
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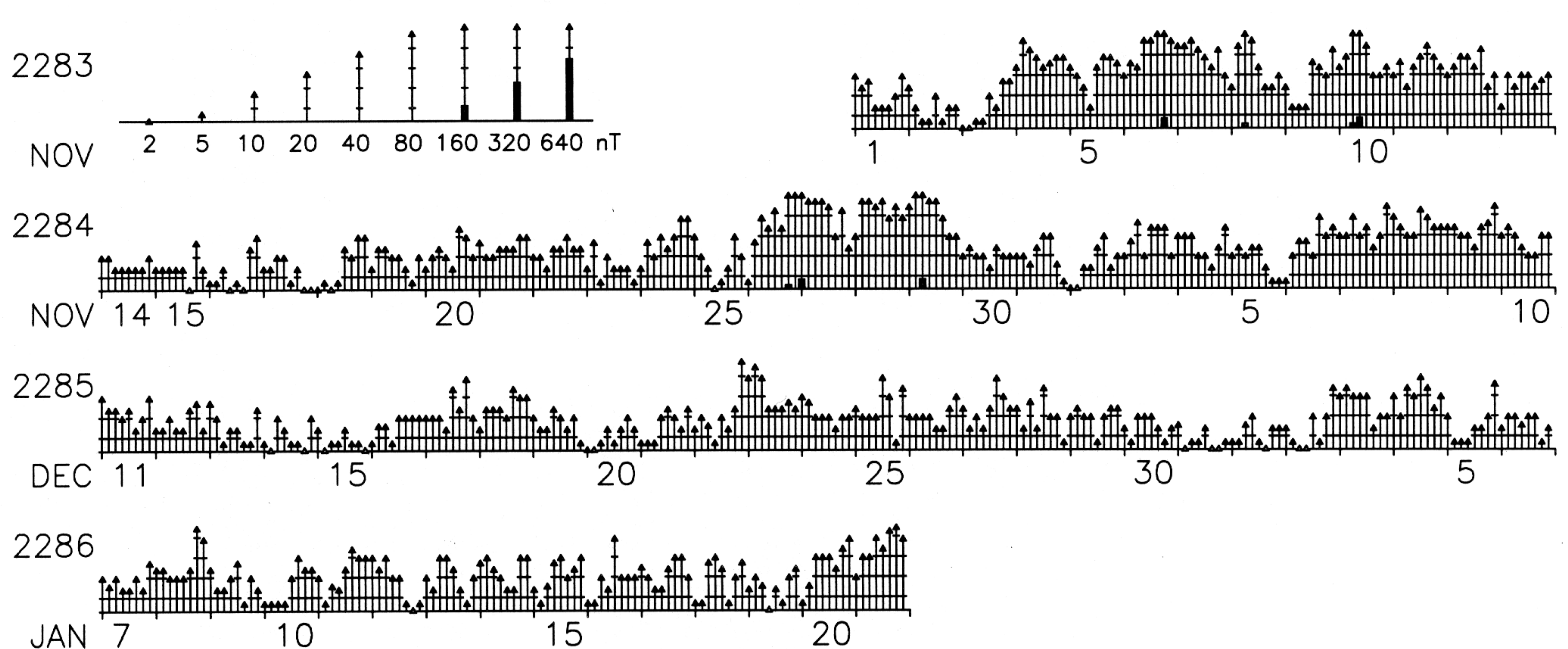
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NOVEMBER 2000		Geomagnetic Indices (provisional)												Daily Average and Sum				
	aa				D	quiet days	am and Km for each three hour interval								Am Σ Km		Ap Σ Kp	
	N	S	am	pm			1	2	3	4	5	6	7	8				
1	15	15	17	13	15		26 3-	14 2o	20 2+	4 1-	8 1+	12 2-	13 2-	21 3-	15	15o	7	14-
2	9	8	9	8	8	CC*	17 2+	4 1-	2 0+	2 0+	9 1+	5 1-	8 1+	6 1o	7	8o	4	7o
3	12	6	4	15	9	C*	4 1-	3 0+	2 0+	4 1-	10 1+	11 2-	17 2+	18 2+	9	10-	3	7-
4	52	43	54	40	47		33 3o	74 5-	35 3+	49 4-	38 3+	46 4-	47 4-	35 3+	45	29-	26	31o
5	31	29	20	40	30		29 3o	23 3-	10 1+	5 1-	28 3o	36 3+	41 4-	36 3+	26	21o	14	22+
6	76	67	44	100	72		23 3-	27 3o	32 3o	81 5-	103 5o	86 5-	178 6+	107 5+	80	35-	55	40-
7	60	48	69	40	54		79 5-	91 5o	78 5-	59 4o	41 4-	28 3o	58 4o	23 3-	57	32-	46	36-
8	30	62	70	22	46		15 2o	54 4o	70 4+	59 4o	29 3o	22 3-	19 2+	22 3-	36	25o	18	25-
9	22	26	10	38	24		22 3-	10 1+	8 1+	9 1+	31 3o	32 3o	35 3+	49 4-	25	20-	13	21-
10	42	78	83	37	60		41 4-	43 4-	112 5+	194 6+	112 5+	27 3o	34 3+	25 3-	74	33+	42	35o
11	40	35	28	48	38		21 3-	41 4-	13 2-	24 3-	45 4-	55 4o	53 4o	29 3o	35	25+	16	24o
12	36	33	37	33	35		31 3o	40 3+	39 3+	35 3+	29 3o	46 4-	19 2+	24 3-	33	25-	20	27o
13	21	18	18	21	20		9 1+	18 2+	10 1+	18 2+	15 2o	18 2+	21 3-	19 2+	16	17-	9	17+
14	11	8	10	9	10	CC	9 1+	13 2-	5 1-	7 1o	9 1+	7 1o	7 1o	12 2-	9	10-	5	10+
15	10	7	8	10	9	CC*	8 1+	7 1o	6 1o	5 1-	8 1+	4 1-	19 2+	8 1+	8	10-	4	8o
16	10	7	5	12	8	CC*	5 1-	1 0o	3 0+	1 0o	2 0+	1 0o	9 1+	17 2+	5	5o	3	5o
17	6	8	10	4	7	CC*	7 1o	5 1-	6 1o	9 1+	5 1-	7 1o	4 1-	1 0o	6	6+	3	5-
18	13	10	4	19	11	KC	1 0o	3 0+	2 0+	2 0+	10 1+	13 2-	24 3-	26 3-	10	9+	5	9-
19	12	10	13	9	11	CC	10 1+	17 2+	15 2o	24 3-	9 1+	11 2-	9 1+	15 2o	14	15-	6	14o
20	16	15	12	19	16		9 1+	11 2-	22 3-	16 2o	11 2-	23 3-	23 3-	8 1+	15	16o	8	16-
21	21	14	15	20	18		20 2+	10 1+	13 2-	15 2o	21 3-	16 2o	28 3o	19 2+	18	17+	9	18+
22	14	16	12	18	15		15 2o	11 2-	8 1+	13 2-	21 3-	25 3-	15 2o	17 2+	16	16+	8	16+
23	10	8	11	7	9	CK	11 2-	19 2+	6 1o	15 2o	12 2-	18 2+	12 2-	3 0+	12	13o	6	12o
24	25	23	16	33	24		8 1+	16 2o	17 2+	23 3-	12 2-	27 3o	47 4-	54 4o	26	21-	11	19-
25	15	9	12	12	12	K	25 3-	15 2o	6 1o	5 1-	2 0+	8 1+	24 3-	12 2-	12	12+	6	12-
26	55	48	26	77	51		8 1+	17 2+	39 3+	27 3o	47 4-	51 4o	121 6-	124 6-	54	29o	28	28+
27	58	78	95	42	68		108 5+	100 5o	96 5o	69 4+	56 4o	23 3-	52 4o	23 3-	66	33o	45	36o
28	54	69	63	60	62		27 3o	50 4-	71 5-	78 5-	102 5o	47 4-	56 4o	46 4-	60	32+	31	33+
29	66	75	97	44	70		90 5o	109 5+	122 6-	82 5-	114 5+	45 4-	20 2+	30 3o	77	35o	56	38o
30	12	13	13	12	13	C	11 2-	13 2-	10 1+	12 2-	8 1+	14 2o	11 2-	14 2o	12	13+	6	13o

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) NOV 2000



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) NOV 2000 - JAN 2001



HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - November 2000 -

DAY	Unit=NT																			U.T.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-12	-21	-23	-21	-22	-20	-14	-16	-11	-9	-9	-11	-11	-9	-6	-7	-10	-13	-16	-15	-11	-14	-13	-15
2	-15	-15	-15	-11	-10	-10	-10	-8	-6	-5	-7	-9	-9	-10	-10	-6	-4	-5	-5	-3	-2	3	4	2
3	1	1	1	1	4	5	8	9	11	11	11	10	9	4	0	-3	-2	1	3	8	7	4	3	6
4	8	10	30	38	15	-7	-33	-30	-45	-47	-39	-28	-30	-28	-29	-27	-26	-32	-33	-28	-39	-43	-32	-29
5	-29	-25	-22	-22	-24	-23	-19	-16	-9	-4	-4	-6	-8	-12	-24	-30	-30	-22	-23	-32	-39	-40	-37	-40
6	-34	-30	-33	-38	-43	-45	-46	-42	-34	-29	-28	-35	-31	-30	-59	-93	-83	-102	-92	-123	-144	-159	-132	-136
7	-142	-143	-134	-124	-113	-114	-111	-112	-108	-104	-106	-97	-92	-88	-76	-64	-60	-54	-48	-33	-33	-42	-41	-42
8	-36	-39	-40	-31	-31	-33	-17	-28	-30	-29	-1	3	-6	-23	-29	-30	-33	-28	-24	-27	-25	-30	-28	-25
9	-25	-28	-24	-18	-13	-10	-10	-8	-8	-12	-13	-10	-6	-6	-6	-16	-13	-11	-19	-18	-9	-10	-11	-19
10	-10	-2	-3	-13	-23	-29	7	14	-6	-40	-75	-88	-104	-83	-76	-80	-77	-73	-72	-65	-61	-61	-60	-59
11	-56	-51	-51	-51	-43	-32	-29	-28	-23	-20	-19	-24	-28	-31	-32	-28	-37	-34	-29	-35	-28	-34	-34	-31
12	-29	-32	-34	-40	-42	-41	-43	-43	-37	-37	-36	-31	-23	-21	-25	-24	-27	-19	-21	-24	-26	-22	-19	-19
13	-18	-18	-20	-21	-23	-25	-20	-17	-16	-15	-15	-16	-23	-20	-19	-14	-11	-11	-11	-8	-8	-10	-10	-11
14	-13	-13	-13	-12	-11	-11	-9	-8	-8	-8	-6	-7	-7	-5	-2	-1	-1	0	-2	-1	-1	-4	-3	-4
15	-3	-3	-4	-6	-6	-3	0	0	-3	-5	-5	-4	-2	2	4	5	4	4	2	-1	1	2	-2	-2
16	0	2	1	0	0	2	2	1	4	5	5	5	5	5	5	5	5	4	5	2	1	1	1	2
17	1	-2	-4	-5	-3	0	1	0	1	-1	-1	2	2	5	6	4	4	4	4	4	3	2	5	5
18	5	5	4	3	2	6	10	13	17	19	18	16	18	20	22	18	15	15	12	10	6	-7	-11	-11
19	-10	-15	-18	-17	-15	-21	-22	-13	-5	-6	-10	-11	-6	-3	-4	-7	-10	-10	-8	-6	-4	-2	1	5
20	7	7	5	3	0	0	-1	0	0	-1	-6	-10	-9	-9	-16	-23	-25	-26	-27	-25	-18	-15	-12	-10
21	-9	-9	-9	-13	-13	-13	-13	-14	-11	-5	-3	-2	1	-4	-11	-15	-13	-11	-15	-21	-24	-24	-22	-18
22	-14	-16	-17	-18	-20	-22	-23	-23	-18	-13	-13	-12	-13	-10	-14	-20	-22	-23	-17	-13	-9	-8	-6	-8
23	-9	-12	-11	-15	-20	-18	-16	-14	-12	-14	-16	-16	-11	-6	-8	-9	-7	-7	-5	-4	-2	-2	1	2
24	3	2	2	2	2	4	7	3	-5	0	7	-2	3	12	13	13	17	13	13	6	-6	-21	-32	-28
25	-22	-23	-23	-19	-15	-17	-17	-13	-13	-14	-17	-17	-14	-11	-10	-13	-17	-17	-14	-8	-6	-8	-5	-3
26	1	0	-2	-3	-7	-6	2	4	32	24	15	7	36	38	40	38	25	30	25	4	-29	-26	3	-37
27	-64	-72	-72	-67	-63	-64	-53	-53	-47	-24	-26	-25	-34	-44	-49	-48	-51	-52	-37	-39	-36	-35	-33	-33
28	-27	-24	-25	-37	-43	-37	-45	-68	-71	-68	-60	-49	-51	-48	-63	-62	-53	-50	-49	-52	-54	-62	-57	-55
29	-67	-68	-74	-77	-81	-73	-70	-83	-95	-96	-107	-108	-120	-130	-95	-86	-91	-82	-72	-64	-60	-61	-60	-54
30	-49	-47	-47	-50	-55	-53	-52	-51	-49	-49	-50	-49	-47	-46	-45	-44	-38	-34	-31	-26	-25	-26	-24	-22

