

## Geomagnetic Indices K and C for 1961 at Kakioka

BY KAKIOKA MAGNETIC OBSERVATORY

Table 1 shows the adopted scale values deduced to the base-line for horizontal and vertical components of magnetograms; the  $\gamma$ -scale values for the declination being 2.56  $\gamma$ /mm. The adopted a-factor, which are determined by the scale value measurements in this period, are 0.0000  $\gamma$ /mm/mm for the horizontal component and, for the vertical component, 0.0000  $\gamma$ /mm/mm.

The figures in Table 2 represent the "three-hour-range" indices K and geomagnetic character figures C, where the lower limit value for K=9 is 300  $\gamma$ .

Table 1. The adopted scale values of variometers  
reduced to base-line for H and Z.  
unit :  $\gamma$ /mm. (1961)

Month	H	Z
Jan.	2.60	2.99
Feb.	2.60	2.99
Mar.	2.58	2.96
Apr.	2.57	2.78
May	2.57	2.77
June	2.58	2.77
July	2.58	2.78
Aug.	2.56	2.76
Sep.	2.55	2.76
Oct.	2.55	2.77
Nov.	2.57	2.81
Dec.	2.58	2.83

Table 2. Three-hour-range indices, K, and Character figures, C. Kakioka 1961 (V. T.)

Day	January			February			March			April			May			June		
	K	Sum	C	K	Sum	C	K	Sum	C	K	Sum	C	K	Sum	C	K	Sum	C
1	1122 2111	11	0	1010 1221	8	0	1212 2122	13	0	3233 3223	21	1	3323 3312	20	1	2234 5332	24	1
2	0112 2110	9	0	2121 1110	9	0	1221 0111	9	0	2233 4233	22	1	3322 2211	16	1	2234 3431	22	0
3	1120 1211	9	0	1005 4333	19	1	0110 1211	7	0	2355 2222	23	1	0011 1111	6	0	1323 1101	12	0
4	2010 1311	9	0	2211 4364	23	1	0111 2201	8	0	2121 1011	9	0	0001 1124	9	0	1212 2212	13	0
5	1012 1022	9	0	4455 4211	26	2	1110 2244	15	0	1101 1010	5	0	2232 4423	22	1	1213 2222	15	0
6	2123 4201	15	0	3453 4522	28	2	4344 4111	22	1	1001 1223	10	0	3544 4222	26	2	2232 2332	19	1
7	2122 3323	18	1	2222 3123	17	1	0211 2221	11	0	3212 2122	15	0	3243 3222	21	1	2234 3222	20	1
8	3233 2432	22	1	1221 1332	15	0	1111 1112	9	0	2222 1122	14	0	2233 1222	17	1	3333 3223	22	1
9	2254 3343	26	2	2122 2200	11	0	1121 3344	19	1	0336 5332	25	2	1244 3311	19	1	1222 2111	12	0
10	1012 2310	10	0	0011 0122	7	0	4367 4321	30	2	3333 3223	22	1	1112 2223	14	0	1211 1000	6	0
11	0000 0000	0	0	2324 3121	18	1	0122 2222	13	0	2323 3322	20	1	3323 3233	22	1	1111 1011	7	0
12	1222 1211	12	0	1220 0200	7	0	2112 1112	11	0	1232 3221	16	1	2323 2223	19	1	1432 2201	15	0
13	0042 4231	16	1	2236 5434	29	2	2232 3222	18	1	0111 4432	16	1	3223 3121	17	1	1210 1111	8	0
14	1112 0312	11	0	2222 1222	15	0	4344 3422	26	2	3334 5456	33	2	2223 1111	13	0	1101 1013	8	0
15	2233 3314	21	1	2223 2100	14	0	1324 5223	22	1	4543 3332	27	2	1101 1111	7	0	2223 2222	17	1
16	3332 1133	19	1	3455 5532	32	2	3353 3211	21	1	2112 3222	15	0	3443 4422	26	2	3123 2321	17	1
17	2222 2221	15	0	1125 5545	28	2	1143 2212	16	0	0011 2110	6	0	1222 3212	15	0	1202 1111	9	0
18	2234 4232	22	1	5345 5432	31	2	1110 3333	15	0	0122 2201	10	0	1111 0001	5	0	1213 2223	16	1
19	3322 3455	27	2	2233 4432	23	1	2343 4432	25	2	1121 1232	13	0	1212 2222	14	0	2222 1111	12	0
20	4344 4331	26	2	2234 3532	24	1	2223 4222	19	1	1221 1111	10	0	3332 3221	19	1	1232 1233	17	1
21	1333 4421	21	1	2233 4333	23	1	2222 2321	16	0	0000 1111	4	0	0012 1131	9	0	2465 5345	34	2
22	2244 4422	24	1	2233 3322	20	1	3343 3201	19	1	1012 3332	15	0	3332 2332	21	1	4444 4444	32	2
23	2100 2211	9	0	1222 2231	15	0	1222 4211	15	0	0122 3212	13	0	2422 3322	20	1	3221 1222	15	0
24	1244 4341	23	1	2441 1100	13	0	2223 3311	17	1	1111 2222	12	0	2111 1122	11	0	2211 1112	11	0
25	2323 4222	20	1	1111 0111	7	0	1112 2111	10	0	2111 1112	10	0	3444 4222	25	2	1112 2223	14	0
26	1213 4323	19	1	1100 0211	6	0	2322 2123	17	1	1222 2331	16	1	3011 2111	10	0	1211 2211	11	0
27	2122 3221	15	0	2221 2221	14	0	2322 2532	17	1	1433 3212	19	1	1121 2111	10	0	1222 2100	11	0
28	2222 3232	18	1	1233 3222	18	1	4332 2422	22	1	2321 1110	11	0	1122 3432	18	1	0122 2111	10	0
29	2112 4221	15	0				1212 2110	10	0	2002 0222	10	0	2110 1121	9	0	3533 3222	23	1
30	1211 0001	6	0				2332 2221	17	1	1111 3223	14	0	1222 3222	16	1	2111 1011	8	0
31	1121 0010	6	0				1212 2422	16	0				4235 3323	25	2			
Mean		15.5	0.6		17.9	0.7		16.4	0.6		15.2	0.5		16.2	0.7		15.3	0.5

s · f · e  
 Day E-time K  
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GEOMAGNETIC INDICES K AND C FOR 1961 AT KAKIOKA

Table 2. Three-hour-range indices, K, and Character figures, C. Kakioka 1961 (U. T.)

Day	July			August			September			October			November			December		
	K	Sum	C	K	Sum	C	K	Sum	C	K	Sum	C	K	Sum	C	K	Sum	C
1	2223 2111	14	0	2222 1122	14	0	2344 2333	24	1	6766 3111	31	2	1112 2121	11	0	1245 6545	32	2
2	1232 2332	18	1	4644 3433	31	2	2224 3211	17	1	0111 1221	9	0	0122 3100	9	0	5445 5555	38	2
3	1234 3321	19	1	2333 3233	22	1	1223 2121	14	0	1001 3210	8	0	1121 1110	8	0	5355 3323	29	2
4	2132 2325	20	1	3333 3222	21	1	1113 1002	9	0	1112 2222	13	0	1010 1132	9	0	2122 2311	14	0
5	4345 4323	28	2	2223 2121	15	0	1122 3110	11	0	1101 1100	5	0	2334 4222	22	1	1110 3431	14	0
6	2223 2322	18	1	1122 3122	14	0	0100 1000	2	0	1012 2221	11	0	1344 3113	20	1	2312 4431	20	1
7	2233 3211	17	1	1111 2111	9	0	0100 0122	6	0	1212 2011	10	0	3355 4443	31	2	2233 3000	13	0
8	1222 2222	15	0	1144 3232	20	1	1111 0211	8	0	1222 2201	12	0	4331 4132	21	1	1002 2100	6	0
9	1232 2200	12	0	1211 2200	9	0	2223 1211	14	0	2201 0000	5	0	2132 3330	17	1	1112 2110	9	0
10	1334 3221	19	1	1232 4211	16	1	1102 2212	11	0	0000 0111	3	0	1201 2200	8	0	1102 3332	15	0
11	1122 1112	11	0	2322 4323	21	1	1112 2313	14	0	1233 4222	19	1	0000 0101	2	0	1133 1222	15	0
12	2123 1110	11	0	1110 1222	10	0	2233 2112	16	1	3232 3422	21	1	2223 3311	17	1	1101 1100	5	0
13	1107 7654	31	2	2100 0900	3	0	0110 1422	11	0	1233 1311	15	0	1101 0011	5	0	0101 0211	6	0
14	3366 6443	35	2	1121 3331	15	0	2333 6222	23	1	1112 3001	9	0	2442 2221	19	1	0101 1011	5	0
15	3322 4133	21	1	2332 1221	16	1	2222 3000	11	0	0000 1110	3	0	1100 0110	4	0	1222 2102	12	0
16	3322 3222	19	1	2220 1111	10	0	1102 3211	11	0	0000 0000	0	0	1110 1012	7	0	1121 2111	10	0
17	2333 3243	23	1	2222 1121	13	0	1212 2110	10	0	0000 0012	3	0	1211 4533	20	1	1102 0100	5	0
18	3554 5433	32	2	2121 3302	14	0	1100 1201	6	0	1110 1211	8	0	5256 6342	33	2	0010 1000	2	0
19	3311 1000	9	0	1232 2101	12	0	0101 1100	4	0	1101 1022	8	0	1332 2110	13	0	1001 1210	6	0
20	2342 3235	24	1	1212 2221	13	0	0111 1331	11	0	2232 0110	11	0	1233 3322	19	1	1111 2101	8	0
21	5342 2332	24	1	2211 2110	10	0	0111 0100	4	0	0013 3222	13	0	2212 2112	13	0	1111 0011	6	0
22	2344 3201	19	1	0110 1100	4	0	1122 3321	15	0	1112 2101	9	0	1011 2100	6	0	1122 3321	15	0
23	1123 3432	19	1	1221 2111	11	0	1100 1111	6	0	1111 1111	8	0	0001 2111	6	0	2213 3224	19	1
24	2234 3112	18	1	1111 1232	12	0	2215 6633	28	2	3211 1110	10	0	1110 0210	6	0	4213 3311	18	1
25	2233 2222	18	1	1223 3122	16	1	3453 3311	23	1	1111 3432	16	1	0122 1210	9	0	1101 1101	6	0
26	3312 2154	21	1	2313 3223	19	1	2113 4211	15	0	1345 3243	25	2	0112 2121	10	0	1111 2103	10	0
27	3477 5445	39	2	2231 1211	13	0	2245 4311	22	1	3424 4344	28	2	1010 2110	6	0	4422 3222	21	1
28	3234 3323	23	1	1111 1011	7	0	1111 0023	9	0	1147 7765	38	2	1001 2320	9	0	1225 5632	25	2
29	1222 3212	15	0	1112 2444	19	1	1111 1311	10	0	2355 2111	20	1	1111 1100	6	0	2113 2223	16	1
30	3232 2222	18	1	3124 5433	25	2	1112 3037	18	1	1112 3310	12	0	1110 1110	6	0	2323 3421	20	1
31	1201 2221	11	0	3332 3332	22	1			1231 2001	10	0			1112 2231	13	0		
Mean		20.0	0.9		14.7	0.5		12.8	0.3		12.7	0.4		12.4	0.4		14.0	0.5

s.f.e Day E-time K  
 13 2 1(1)  
 s.f.e Day E-time K  
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