

# Geomagnetic Indices K and C for 1962 at Kakioka

By

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Table 1. shows the adopted scale values reduced to the base-line for horizontal and vertical components of magnetograms ; the  $\gamma$ -scale values for the declination being  $2.56\gamma/\text{mm}$ . The adopted a-factor, which are determined by the scale value measurements in this period, are  $-0.0003\gamma/\text{mm}/\text{mm}$  for the horizontal component and for the vertical component,  $-0.0003\gamma/\text{mm}/\text{mm}$ .

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 :  $\gamma/\text{mm}$ . (1962)

Month	H	Z
Jan.	2.60	2.85
Feb.	2.59	2.85
Mar.	2.60	2.84
Apr.	2.57	2.83
May	2.55	2.82
June	2.56	2.84
July	2.55	2.80
Aug.	2.55	2.80
Sep.	2.55	2.81
Oct.	2.57	2.85
Nov.	2.59	2.87
Dec.	2.60	2.91

Table 2. Three-hour-range indices, K and Character figures, C Kakioka 1962 (U.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	1211 0111	8	0	0110 1100	4	0	1133 3322	18	1	2243 3222	20	1	2121 1112	11	0	2333 2121	17	1
2	1224 2210	14	0	2210 0111	8	0	2221 3331	17	1	1111 2234	15	0	1122 2322	15	0	1211 1111	9	0
3	0001 2000	3	0	2111 1211	10	0	2211 4421	17	1	3232 1322	18	1	1222 3111	13	0	1112 2212	12	0
4	0001 1000	3	0	1224 6444	27	2	2223 3111	15	0	2234 2212	18	1	1011 0001	4	0	3233 3222	20	1
5	1001 1000	3	0	3401 2222	16	1	1233 5332	22	1	2112 1112	11	0	1011 1223	11	0	2222 2233	18	1
6	2101 1110	7	0	2111 2223	14	0	2333 4422	23	1	2334 3244	25	2	2334 4333	25	2	3233 1222	18	1
7	1111 1121	9	0	3334 4421	24	1	1211 2210	10	0	4445 4432	30	2	2122 2112	13	0	2453 3221	22	1
8	1112 2200	9	0	1122 2111	11	0	1010 1000	3	0	3333 4433	26	2	1321 1213	14	0	1222 1222	14	0
9	1102 3222	13	0	2111 3111	11	1	1000 1111	5	0	2221 3322	17	1	1101 1110	6	0	2334 3223	22	1
10	4537 5453	36	2	1110 1011	6	0	2223 3322	19	1	2235 5433	27	2	2222 2201	13	0	3333 3222	21	1
11	1222 2221	14	0	1112 2333	16	1	2323 2321	18	1	3334 4322	24	1	1221 3422	17	1	1222 2222	15	0
12	1110 1111	7	0	3232 2332	20	1	1223 3322	18	1	3211 2222	15	0	2111 0122	10	0	2122 3311	15	0
13	0112 2100	7	0	2323 2222	18	1	2212 2201	12	0	1110 1111	7	0	2222 3222	17	1	3222 0121	13	0
14	1222 1323	16	1	2111 3333	17	1	0011 2222	10	0	2111 1111	9	0	2323 3112	17	1	2322 2223	18	1
15	2322 2222	17	1	3222 2342	20	1	1213 2213	15	0	1121 3323	16	1	2232 2232	18	1	2222 2221	15	0
16	1133 3212	16	1	3446 5553	35	2	1211 2111	10	0	3321 1223	17	1	2333 2222	19	1	2121 1112	11	0
17	1100 1210	6	0	2243 2221	18	1	2322 2111	14	0	2221 2211	13	0	1211 1111	9	0	1111 1111	8	0
18	1101 2210	8	0	1112 1132	12	0	1132 3321	16	1	1223 3223	18	1	1102 1110	7	0	2111 1101	8	0
19	3242 4431	23	1	1211 1100	7	0	2223 4322	20	1	2221 1112	12	0	1243 2212	17	0	2212 2111	12	0
20	1211 0021	8	0	1011 2111	8	0	1122 2332	16	1	2221 2323	17	1	2212 1200	10	0	2221 1112	12	0
21	1122 4101	12	0	1121 3422	16	1	2232 3322	19	1	3233 3443	25	2	1111 0011	6	0	2223 3432	21	1
22	1010 0900	2	0	4243 3312	22	1	1111 0012	7	0	3333 4333	25	2	2111 2111	10	0	2332 2222	18	1
23	0000 1100	2	0	1213 3312	16	1	1013 1111	9	0	2232 3221	17	1	1121 1100	7	0	3343 3332	24	1
24	0000 0100	1	0	2223 2232	18	1	2112 2212	13	0	1111 2221	11	0	1210 0100	5	0	2223 2222	17	1
25	0033 0212	11	0	1211 1222	12	0	2232 3210	15	0	1123 4342	20	1	1001 1011	5	0	2332 2121	16	1
26	3112 2221	14	0	1123 4543	23	1	1111 1111	8	0	2343 3222	21	1	1111 2122	11	0	2232 2323	19	1
27	1223 1112	13	0	3345 4431	27	2	1121 2211	11	0	2222 3321	17	1	2432 2322	20	1	2343 3233	23	1
28	1011 0100	4	0	1111 1100	6	0	0110 2311	9	0	2221 1313	15	0	1112 3332	16	1	2344 3233	24	1
29	0101 4201	9	0	0	0	0	1111 2011	8	0	2221 3121	14	0	1233 2111	14	0	3333 3222	21	1
30	1121 2200	9	0	0	0	0	1010 1011	5	0	1111 1221	10	0	1121 1012	9	0	2343 2322	21	1
31	0110 0000	2	0	0	0	0	1231 1111	11	0	0	0	0	1345 4332	25	2	0	0	0
Mean		9.8	0.2		15.7	0.6		13.3	0.4		17.7	0.8		12.7	0.4		16.8	0.6

s.f.e  
Day E-time K  
16 2 2(2)

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Table 2. Three-hour-range indices, K and Character figures, C Kakioka 1962 (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	2211	15	1	4445	4222	27	2	1232	3432	20	1	2555	4444	30	2	1112	2122	12	0	1012	1320	10	0
2	2222	1231	15	1	1312	2231	15	1	3433	4343	27	2	3343	3331	23	1	2112	3223	16	1	0012	2101	7	0
3	1222	3321	16	1	1111	3221	13	0	3325	3333	25	2	0222	3222	15	1	1123	3333	19	1	0000	2220	6	0
4	3332	3233	22	1	2123	1221	13	0	3434	3322	24	1	1222	1121	12	0	1233	3433	22	1	0454	4422	25	2
5	2433	3123	21	1	2223	2100	12	0	1233	3322	19	1	0111	2343	15	1	2232	1021	13	0	2212	2101	11	0
6	2223	2221	16	1	2322	3223	19	1	2244	2222	20	1	3121	2201	12	0	4431	2334	24	1	1111	1000	5	0
7	1113	1223	14	0	2223	3233	20	1	2243	2112	17	1	1113	1233	15	1	3214	4112	18	1	1101	1222	10	0
8	2232	2222	17	1	3343	3233	24	1	3232	1222	17	1	5235	2433	27	2	1113	3311	14	0	1143	2112	15	1
9	2223	1111	13	0	4444	3222	25	2	0103	3132	13	0	4334	4322	25	2	2100	0012	6	0	1202	0012	8	0
10	2111	2322	14	0	2233	3201	16	1	2223	2101	13	0	2223	3332	20	1	1110	1111	7	0	2221	1213	14	0
11	2122	3222	16	1	1100	1000	3	0	2123	0033	14	0	2332	4222	20	1	1223	3311	16	1	2233	4344	25	2
12	2322	1212	15	1	0000	1100	2	0	2274	3344	29	2	2113	2101	11	0	2010	0021	6	0	2221	0343	17	1
13	2121	2322	15	1	0111	0012	6	0	2232	3331	19	1	1114	4221	16	1	1000	1212	7	0	3322	4233	22	1
14	1221	1211	11	0	3322	2123	18	1	2231	1221	14	0	2444	3232	24	1	0000	1231	7	0	2224	3222	19	1
15	1001	1111	6	0	2543	1322	22	1	2342	1122	17	1	1222	2301	13	0	1334	6334	27	2	3331	0121	14	0
16	2110	1101	7	0	2341	1233	19	1	1202	2222	13	0	1125	5122	19	1	3333	4321	22	1	1111	3211	11	0
17	1001	1001	4	0	2333	3323	22	1	1211	1012	9	0	1222	0011	9	0	2112	3200	11	0	2242	2565	28	2
18	1112	2012	10	0	2343	2322	21	1	1101	1012	7	0	3221	2221	15	1	0000	0000	0	0	5433	5454	33	2
19	2233	2222	18	1	2333	2311	18	1	3443	3443	28	2	0054	5422	22	1	0001	1121	6	0	4345	4443	31	2
20	2343	2223	21	1	1001	2101	6	0	3223	2110	14	0	1101	3321	12	0	1121	2211	11	0	2444	5443	30	2
21	2221	1222	14	0	1101	1123	10	0	1120	3311	12	0	2222	3321	17	1	2353	4333	26	2	3233	4332	23	1
22	1122	1112	11	0	3452	3323	25	2	2234	4222	21	1	1123	4323	19	1	3444	4333	28	2	3123	2211	15	1
23	1122	2221	13	0	3332	2222	19	1	2232	2112	15	1	3223	4322	21	1	2224	3222	19	1	1102	1000	5	0
24	1111	2342	15	1	2244	5323	25	2	1100	0110	4	0	3213	4442	23	1	2234	3232	21	1	0122	3211	12	0
25	2223	2012	14	0	3332	2222	19	1	0112	2223	13	0	2335	4433	27	2	1234	3212	18	1	1110	1101	6	0
26	4655	4323	32	2	1332	2112	15	1	3333	3422	23	1	3255	5343	30	2	3112	2110	11	0	2224	5333	24	1
27	3332	3423	23	1	2110	0111	7	0	1123	3211	14	0	2243	5422	24	1	2111	2321	13	0	2221	1212	13	0
28	2332	3321	19	1	2112	2300	10	0	1100	3312	11	0	2322	3222	18	1	1122	1220	11	0	2101	2211	10	0
29	3232	2211	16	1	1344	3322	22	1	0134	3233	19	1	2032	2322	16	1	0023	2232	14	0	1211	2300	10	0
30	2211	1001	8	0	1222	4322	18	1	2122	3221	15	1	1223	2322	17	1	4445	4322	28	2	1001	1012	6	0
31	1122	1344	18	1	3343	4111	20	1	1224	2222	17	1	1224	2222	17	1					2135	3311	19	1
Mean			14.7	0.6			16.5	0.8			16.9	0.7			18.8	1.0			15.1	0.6			15.6	0.6

s.f.e Day E-time K 9 4 3(1)  
 s.f.e Day E-time K 14 1 3(3)