

Geomagnetic Indices K and C for 1963 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 γ -scale values for the declination being $2.60\gamma/\text{mm}$. The adopted a-factor, which are determined by the scale value measurements in this period, are negligible for the horizontal component and for the vertical component.

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 300γ .

Table 1. The adopted scale values of variometers
reduced to base-line for H and Z.
unit : γ/mm . (1963)

Month	H	Z
Jan.	2.57	2.55
Feb.	2.57	2.53
Mar.	2.56	2.53
Apr.	2.54	2.52
May	2.54 till 8d 10h 2.58	2.51
June	2.55	2.51
July	2.51	2.52
Aug.	2.53	2.54
Sep.	2.53	2.54
Oct.	2.54	2.54
Nov.	2.55	2.53
Dec.	2.55	2.54

Table 2. Three-hour-range indices, K, and Character figures, C. Kakioka 1963 (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	1111 2111	9	0	1133 4233	20	1	2342 2311	18	1	3323 2210	16	1	5553 4423	31	2	1234 3122	18	1
2	0100 0211	5	0	1100 1011	5	0	1222 2222	15	1	1100 1231	9	0	2334 3223	22	1	2223 1221	15	1
3	0011 1200	5	0	1101 3210	6	0	1232 3222	17	1	1111 1220	9	0	2222 2323	18	1	1222 2112	13	0
4	1111 3421	14	0	0000 1221	6	0	1111 1000	5	0	0344 4344	26	2	3234 1212	18	1	0230 0011	7	0
5	0122 2100	8	0	0112 3100	8	0	1010 1112	7	0	4432 3332	24	1	1233 1321	16	1	1210 0000	4	0
6	1000 0100	2	0	0011 1200	5	0	0000 2221	7	0	2244 3322	22	1	2321 2112	14	0	0111 2345	17	1
7	0121 2310	10	0	0111 0111	6	0	1110 0234	12	0	1233 3312	18	1	1213 2111	12	0	4343 3332	25	2
8	1001 0001	3	0	0001 0000	1	0	3355 4332	28	2	1103 3122	13	0	1452 3232	17	1	2232 2222	17	1
9	1100 1100	4	0	1001 2235	14	0	2333 3223	21	0	1211 2211	11	0	3452 2113	21	1	2332 2211	16	1
10	1110 1000	4	0	4443 4333	28	2	2334 4553	29	2	0000 1111	4	0	2132 2222	16	1	2212 2112	13	0
11	0121 4231	14	0	2423 3432	23	1	3222 2322	18	1	1002 0001	4	0	2223 3112	16	1	1323 2321	17	1
12	2111 0134	13	0	3342 3232	22	1	3213 3220	16	1	1122 2221	13	0	2122 3222	16	1	2202 0210	9	0
13	4435 4442	30	2	2333 3442	24	1	1112 4410	14	0	1123 4122	16	1	2424 4222	22	1	1212 2111	11	0
14	2335 3542	27	2	2243 3321	20	1	1000 2000	3	0	1212 3322	16	1	1323 1111	13	0	1112 3201	11	0
15	2444 3322	24	1	1113 4120	13	0	0110 0000	2	0	2132 2111	13	0	1221 1011	9	0	2322 1122	15	1
16	3244 3344	27	2	1102 2300	9	0	0000 0000	0	0	1112 1221	11	0	1000 0000	1	0	1100 0112	6	0
17	2343 3332	23	1	2211 1100	8	0	0001 1212	7	0	1111 1221	10	0	0112 3221	12	0	2242 2221	17	1
18	2323 3223	20	1	1001 1310	7	0	0122 3212	13	0	0121 3332	15	1	0001 2200	5	0	0323 3343	21	1
19	2332 3323	21	1	1001 1101	5	0	2211 2322	15	1	1332 3422	20	1	0012 2200	7	0	2221 1222	14	0
20	2232 2100	12	0	2243 2122	18	1	0111 0122	8	0	3332 2311	18	1	2210 0001	6	0	3233 2222	19	1
21	1101 1200	6	0	2112 2322	15	1	1120 1000	5	0	0201 2011	7	0	0010 2121	7	0	1222 0121	11	0
22	1211 1111	9	0	1121 1121	10	0	0000 1110	3	0	2101 1233	13	0	0111 0100	4	0	1111 1111	8	0
23	2222 2111	13	0	1132 2311	14	0	2223 3211	16	1	1231 1000	8	0	0110 1000	3	0	1211 0110	7	0
24	1122 2233	16	1	1000 1112	6	0	1112 3211	12	0	0111 1111	7	0	0000 1100	2	0	1221 1212	12	0
25	1211 2321	13	0	1102 2111	9	0	0001 1111	5	0	1111 1111	8	0	1322 3222	17	1	3432 2334	24	1
26	1111 0000	4	0	1112 2211	11	0	0000 1111	4	0	0010 0111	4	0	2111 1121	10	0	4451 2122	21	1
27	0111 0001	4	0	2101 0011	6	0	0000 1110	3	0	1132 3221	15	1	0110 1233	11	0	3332 3122	19	1
28	1200 0000	3	0	1112 3102	11	0	1111 1111	8	0	1121 2211	11	0	1121 2221	21	1	2233 2221	17	1
29	0001 1223	9	0				1112 2111	10	0	2221 1011	10	0	4531 2122	20	1	1221 1222	13	0
30	4345 4334	30	2				0011 0000	2	0	0112 2454	19	1	2342 1121	16	1	2232 2221	16	1
31	4344 5431	28	2				0011 1112	7	0				0012 3132	12	0			

Table 2. Three-hour-range indices, K, and Character figures, C. Kakioka 1963 (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	2221 1001	9	0	2412 3222	18	1	1122 4311	15	1	1111 1110	7	0	1221 2321	14	0	1110 2312	11	0
2	0212 1111	9	0	2432 2221	18	1	1100 1132	9	0	0000 2110	4	0	1122 2422	16	1	2222 4425	23	1
3	2111 1001	7	0	2211 2221	13	0	2212 3211	14	0	0102 1211	8	0	2332 2023	17	1	3354 4333	28	2
4	0223 3234	19	1	1132 3112	14	0	1121 2121	11	0	1122 2210	11	0	1221 2110	10	0	2333 4333	24	1
5	3542 2122	21	1	2223 2112	15	1	1012 3211	11	0	1124 2220	14	0	0000 1000	1	0	2223 4332	21	1
6	3443 2211	20	1	1233 2212	16	1	2111 2112	11	0	2101 1210	8	0	1232 3233	19	1	2222 4322	19	1
7	1133 4412	19	1	2222 2112	14	0	1110 1112	8	0	2212 1323	16	1	3444 5443	31	2	2233 4321	20	1
8	2232 2323	19	1	2112 2101	10	0	2324 3111	17	1	2323 2311	17	1	3544 5433	31	2	2323 3321	19	1
9	2333 3212	19	1	2222 2231	16	1	2332 3111	16	1	1111 1122	10	0	3243 4443	27	2	0133 3310	14	0
10	1232 1312	15	1	2202 3410	14	0	2122 2213	15	1	1132 3232	17	1	4333 3432	25	2	0000 0000	0	0
11	2221 0011	9	0	1110 1111	7	0	2234 3332	22	1	1145 4322	22	1	2333 1332	20	1	0111 1011	6	0
12	1111 0111	7	0	0112 2210	9	0	2333 3311	19	1	3334 5443	29	2	1234 2321	18	1	1001 0012	5	0
13	2211 1011	9	0	1000 1111	5	0	2110 2223	13	0	2332 3323	21	1	0112 2210	9	0	1311 2111	11	0
14	0211 2200	8	0	0010 1111	5	0	3475 5434	35	2	3344 3331	24	1	1210 1001	6	0	1111 3332	15	1
15	0012 1202	8	0	0221 3233	16	1	3534 4333	28	2	2223 3222	18	1	1112 2100	8	0	2222 2210	13	0
16	2321 2212	15	1	1101 2221	10	0	2333 4343	25	2	2233 2330	18	1	0010 2101	5	0	2211 2211	12	0
17	2235 4220	20	1	2112 1232	14	0	3355 3332	27	2	0100 0200	3	0	0114 4532	20	1	0110 2211	8	0
18	2112 2312	14	0	1333 4222	20	1	2123 3321	17	1	0001 2220	7	0	1111 1010	6	0	1001 1100	4	0
19	1111 2110	8	0	2211 2236	19	1	2334 4431	24	1	1011 1210	7	0	1110 0011	5	0	1000 2223	10	0
20	0112 2331	13	0	3554 4223	28	2	1113 3312	15	1	1012 5323	17	1	0100 2100	4	0	2343 4443	27	2
21	1245 3421	22	1	3344 3321	23	1	1113 4654	25	2	1423 1101	13	0	1001 2100	5	0	1132 3313	17	1
22	1242 3322	19	1	1232 1113	14	0	3763 3347	36	2	0101 2210	7	0	0013 2342	15	1	1222 4231	17	1
23	1232 2233	18	1	2242 3112	17	1	6633 3331	28	2	1200 2112	9	0	1133 2110	12	0	1143 0422	17	1
24	4334 3223	24	1	2133 1121	14	0	1232 2135	19	1	1466 3423	32	2	1334 4544	28	2	1110 2220	9	0
25	2331 2211	15	1	2122 1122	13	0	5545 4422	31	2	4222 2111	15	1	2334 3210	18	1	0113 1100	7	0
26	2233 3223	20	1	2322 2121	15	1	1543 4322	24	1	3101 3211	12	0	0122 1100	7	0	1111 1202	9	0
27	3332 3212	19	1	0212 2433	17	1	2222 3245	22	1	2116 2121	10	0	0011 1122	8	0	0122 2111	10	0
28	1222 1101	10	0	2324 4232	22	1	5343 5433	30	2	2002 1341	13	0	3201 1110	9	0	0232 2133	16	1
29	1001 2121	8	0	2134 3232	15	1	1233 3322	19	1	1121 4565	25	2	1112 2323	15	1	1125 3522	21	1
30	2353 3233	24	1	1122 2322	15	1	3223 3211	17	1	3333 2222	20	1	2214 5211	18	1	1210 3311	12	0
31	2232 4223	20	1	2222 3412	18	1			2223 2221	16	1			0011 1101	5	0		

s.f.e Day E-time K
 4 3 2(2)
 s.f.e Day E-time K
 19 8 1(1)
 20 8 2(1)
 21 1 1(1)
 s.f.e Day E-time K
 22 8 0(0)
 28 1 2(2)