Geomagnetic Indices K and C for 1964 at Kakioka

KAKIOKA MAGNETIC OBSERVATORY

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 γ/mm. The adopted a-factor, which are determined by the scale value measurements in this period, are 0.0000 γ/mm/mm for the horizontal component and for the vertical component, 0.0000 γ/mm/mm.

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

Table 1 The adopted scale values of variometers reduced
to base-line for H and Z.
unit: γ/mm. (1964)

Month	H	Z
Jan.	2.57	2.54
Feb.	2.57	2.54
Mar.	2.56	2.53
Apr.	2.54	2.54
May	2.54	2.54
June	2.53	2.54
July	2.53	2.54 1d–13d
		2.58 14d–31d
Aug.	2.53	2.59
Sep.	2.54	2.60
Oct.	2.54	2.60
Nov.	2.54	2.60
Dec.	2.57	2.60

Table 2   Three-hour-range indices, K, and Character figures, C. Kakioka 1964 (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	0102 2322	12	0	2212 1211	12	0	2121 2010	9	0	0111 4455	21	0	3224 4322	22	1	1322 3212	16	1
2	3566 3342	32	2	1112 3300	11	0	0000 0001	1	0	3334 3332	24	1	1233 3201	15	1	1112 2111	10	0
3	3324 3322	22	1	1101 2000	5	0	1112 2223	14	1	3334 3222	22	0	2102 2101	9	0	2111 2001	8	0
4	3222 4322	20	1	1353 3212	20	1	5545 5433	34	2	2222 3312	17	2	1111 0011	6	0	2111 1111	9	1
5	1111 3110	9	0	0121 1234	14	1	3343 4233	25	2	1213 2222	15	2	3334 2110	17	1	2110 0111	7	0
6	1012 2100	7	0	4444 4322	27	2	3224 3321	20	1	1111 2101	8	1	0023 1121	10	0	0112 2001	7	0
7	1113 5221	16	1	3323 2421	20	1	3112 3320	15	1	2232 3332	20	1	1112 0001	6	0	1001 1133	10	1
8	0112 2012	9	1	2101 3443	18	1	2233 4223	21	1	0134 2212	15	1	0000 0000	0	1	3343 2112	19	1
9	3422 2333	22	1	3223 2221	17	1	3433 1210	17	1	2223 2211	15	0	0101 1110	5	0	2212 2223	16	1
10	3532 3312	22	1	1111 2111	9	0	1111 2230	11	0	0023 1001	7	0	4342 4333	26	2	3655 4223	30	2
11	1213 2121	13	0	1200 1000	4	0	2334 2222	20	1	1223 4321	18	1	3221 2111	13	1	4433 2322	23	1
12	2110 2210	9	0	0034 3323	18	1	3333 2221	19	1	1111 1212	10	0	0111 0000	3	0	2313 3222	18	1
13	1210 2001	7	0	3435 4431	27	2	2223 2112	15	1	2200 1222	11	0	0113 5552	22	0	2233 2223	19	1
14	0111 0000	3	0	1212 2211	12	0	1222 2232	16	1	2113 3010	11	0	2353 4333	26	0	2322 2112	15	1
15	1100 2111	7	0	1121 3130	12	0	2111 3332	16	1	1113 2322	15	1	3544 2223	25	1	2211 1112	11	0
16	4455 4422	30	2	0112 1221	10	0	1212 2322	15	0	2222 3321	16	1	3354 3232	25	0	2211 1111	10	0
17	2244 3211	19	1	1011 2220	9	1	2234 3312	20	0	2442 3323	23	1	1124 3212	16	0	2111 2001	8	0
18	2211 2230	13	0	0112 2320	11	2	2122 1110	11	0	1234 4333	23	2	1222 1113	14	0	1212 3112	13	0
19	1110 3332	19	0	1000 0000	1	0	2111 2112	11	0	3244 2333	23	1	2011 0112	8	0	1122 0112	10	0
20	1012 2200	16	0	0123 3444	21	1	2111 2333	16	1	2232 1323	18	1	1111 2110	8	1	2222 4323	20	1
21	1110 0000	3	0	3322 2220	16	1	2121 1333	16	1	3112 3222	16	1	1112 3111	11	0	4233 1221	18	1
22	1010 1200	5	0	0111 3321	12	0	1233 4343	23	1	1101 0111	6	0	0212 2111	10	0	1212 2222	14	0
23	1102 3312	13	0	0100 1331	9	0	2435 4322	25	2	1020 0111	6	2	2222 1113	14	2	1122 2112	12	1
24	2224 4311	19	1	0123 2222	14	1	2333 3321	20	1	0012 1222	10	1	4543 4332	28	0	0111 1122	9	0
25	1231 1233	16	1	1113 2352	18	1	3232 3222	19	1	2234 3222	20	1	2244 3323	23	1	3443 3211	21	1
26	1111 3121	11	0	2324 4212	20	1	3222 3211	16	1	2232 2222	17	1	2221 2111	12	0	1222 2110	11	0
27	2101 0111	7	0	2112 2332	16	1	0020 0112	6	1	1234 3443	24	1	2333 3121	18	1	0112 3321	13	0
28	1211 2143	15	1	2323 3321	19	1	0000 1100	2	1	4455 3223	28	2	1202 2211	11	2	1224 4321	19	1
29	3444 4422	27	2	1222 1121	12	0	0000 2222	8	0	3223 3221	18	0	2221 1111	11	1	1223 1220	13	0
30	2123 3312	17	1				3345 4531	28	2	0012 3334	16	2	0111 2012	8	0	2312 0011	10	0
31	1225 4342	23	1				1011 0111	6	0				1211 1000	6	0			
Mean		14.5	0.5		14.3	0.6		15.9	0.8		16.5	0.8		13.7	0.5		14.0	0.4

Table 2 Three-hour-range indices, K, and Character figures, C. Kakioka 1964 (U.T.)

Day	July K	July Sum	July C	August K	August Sum	August C	September K	September Sum	September C	October K	October Sum	October C	November K	November Sum	November C	December K	December Sum	December C
1	1111 1011	7	0	2212 2111	12	0	2331 3322	19	1	2223 2311	16	1	1311 2424	18	1	1133 3211	15	1
2	1100 1212	8	0	1110 1111	7	0	2222 3221	16	1	1100 1110	5	0	3322 2111	15	1	0011 0011	4	0
3	3333 3223	22	1	1211 2222	13	1	2212 2222	15	1	0111 4323	15	1	0110 1100	4	0	1112 2221	12	0
4	2322 2111	14	0	5643 4422	30	2	2223 2122	16	1	3333 2344	25	2	1211 3222	14	0	1111 2221	11	0
5	1222 1121	12	0	2223 4422	21	1	1212 2200	10	0	3323 4322	22	1	2111 2322	14	0	1110 0111	6	0
6	1111 1222	11	0	2211 1002	9	0	1111 2134	14	0	1111 3412	14	0	0111 2110	7	0	1111 1113	10	0
7	2322 3334	22	1	3323 3211	18	1	2345 3333	25	2	2212 2122	14	0	0000 0000	0	0	2214 3312	18	1
8	3434 2233	24	1	1111 1111	8	0	3344 3232	24	1	2133 3232	19	1	3321 3122	17	1	1210 1110	7	0
9	3333 2223	21	1	2212 3231	16	1	2323 3222	19	1	2243 3211	18	1	4434 2322	24	1	1221 2211	12	0
10	2233 3221	18	1	1110 0000	3	0	3211 1221	13	0	1011 2200	7	0	3222 2121	15	1	1110 1000	4	0
11	2112 2221	13	0	4432 2343	25	2	1121 1101	8	0	1000 2211	7	0	0222 1111	10	0	0001 2111	6	0
12	2212 1211	12	0	2243 2232	20	1	1111 1001	6	0	2135 4211	19	1	1222 2311	14	0	1111 1010	6	0
13	2123 2111	13	0	2221 2122	14	0	1011 0011	5	0	2122 3222	16	0	0112 3210	10	0	0112 3432	16	1
14	0111 1001	5	0	1102 1011	7	0	1110 1000	4	0	1222 2000	9	0	0000 0100	1	0	2112 1321	13	0
15	1001 0101	4	0	1100 1011	5	0	0121 1112	9	0	1122 3310	13	0	0012 4333	16	1	2221 1111	11	0
16	1211 2322	14	0	1221 1212	12	0	2322 5432	23	1	0100 1210	5	0	2343 2211	18	1	2223 5212	19	1
17	1212 3432	18	1	2211 1211	11	0	3222 3211	16	1	0223 3211	13	0	1120 2110	8	0	5333 1222	21	1
18	3334 4322	24	1	1122 2210	11	0	1212 1111	10	0	2223 3322	19	1	1121 0211	9	0	1111 2011	8	0
19	3334 2222	21	1	0022 2111	9	0	1201 3101	9	0	2423 4422	23	1	0100 0010	2	0	0011 3331	12	0
20	2133 2122	16	0	1100 1110	5	0	0101 0011	4	0	3212 3223	18	1	0012 1000	4	0	1002 1121	8	0
21	1111 1123	11	0	0112 2211	10	0	1122 2223	15	1	2132 2232	17	1	1111 1001	6	0	0001 2210	6	0
22	1222 2222	15	1	1113 3211	13	0	5542 2221	23	1	1122 1000	7	0	1124 2212	15	1	0101 2100	5	0
23	0121 1111	8	0	1111 0100	5	0	1233 1111	13	0	0000 0000	0	0	2334 4310	20	1	1221 2000	8	0
24	1122 1000	7	0	1100 1211	7	0	1222 2331	16	1	1111 1233	13	0	0011 0000	2	0	0000 1211	5	0
25	1212 2212	13	0	1211 3333	17	1	1111 1001	6	0	1111 2101	8	0	0011 1121	7	0	1111 2222	12	0
26	1111 2101	8	0	1221 2212	13	0	1021 1001	6	0	3455 2210	22	1	1114 3210	13	0	1200 3201	9	0
27	1101 1011	6	0	2333 2211	17	1	1121 1222	12	1	0112 3210	10	0	0000 0122	5	1	1101 1110	6	0
28	1100 1101	5	1	0110 1011	5	0	4354 5332	29	2	1112 2111	10	0	2222 3330	17	0	0110 0122	7	0
29	1124 3243	20	1	1012 2211	10	1	1122 2212	13	0	2222 2111	13	0	0001 0112	5	1	3132 1100	11	0
30	2332 3222	19	1	0111 2211	9	0	2333 3322	21	1	0002 1101	5	0	3332 1211	16	1	2100 1100	5	0
31	2222 2211	14	0	0114 3224	17	1				0101 0000	2	0				1110 2111	8	0
Mean		13.7	0.4		12.2	0.4		14.0	0.5		13.0	0.5		10.9	0.4		9.7	0.2