

Geomagnetic Indices K and C for 1958 at Kakioka

By KAKIOKA MAGNETIC OBSERVATORY

Table 1 shows the adopted scale values reduced to the base-lines for horizontal and vertical components of magnetograms; the γ scale values for declination being 6.15 γ /mm. The adopted a-factor in this period are 0.006 γ /mm/mm for horizontal component and 0.001 γ /mm/mm for vertical component.

The figures in Table 2 represent the three-hour-range indices K and magnetic character figures C, where the lower limit 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. (1958)

Month	H	Z
Jan.	2.76	3.51
Feb.	2.75	3.48
Mar.	2.75	3.51
April	2.76	3.49
May	2.74	3.50
June	2.74	3.45
July	2.75	3.44
Aug.	2.72	3.45
Sep.	2.73	3.43
Oct.	2.55	2.89
Nov.	2.77	3.52
Dec.	2.78	3.48

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	3323	4111	18	2224	4232	21	0012	2100	6	0	2442	1123	19	1	1213	3322	17	1	1111	1111	8	0			
2	1122	2111	11	1222	2213	15	0	0101	1101	5	0	2121	1211	11	0	1012	5443	20	1	1236	4334	26	2		
3	1223	1332	17	2212	2311	14	0	0146	5555	31	2	0232	4432	20	1	2411	3222	17	1	2221	1222	14	1		
4	1233	3232	19	2111	1011	8	0	3333	5766	36	2	1111	2101	8	0	1212	3121	13	0	4456	5555	39	2		
5	2113	2223	16	1	2212	3211	14	0	5543	3233	28	2	2332	2233	20	1	1110	0100	4	0	4223	3222	20	1	
6	2221	0010	8	1	1222	1212	13	0	1211	1211	10	0	1212	3223	16	1	0001	1111	5	0	2213	3212	16	1	
7	1223	3332	19	1	2223	3222	18	1	2222	2233	17	1	3323	2423	22	1	1112	3311	13	0	1231	2110	11	0	
8	2377	6877	47	2	1121	1211	10	0	2222	1314	17	1	2211	1101	9	0	0002	0100	3	0	1112	3333	17	1	
9	3235	5423	27	1	2221	1122	13	0	3222	3233	20	1	0101	1101	5	0	0121	1121	9	0	3252	3211	19	1	
10	2322	2222	17	1	1234	3332	21	1	2222	3212	16	1	0000	0111	3	0	2225	3333	23	1	2120	0000	5	0	
11	2142	2233	19	1	2334	2232	21	1	2222	1212	14	0	0112	1111	8	0	4533	2221	22	1	2122	2212	14	0	
12	3442	2322	22	1	2332	2022	16	1	2211	0110	8	0	0000	0100	1	0	1112	4222	15	1	2002	1222	11	0	
13	2232	1223	17	1	2233	2212	17	1	0100	0012	4	0	0113	2222	13	0	2211	0100	7	0	4433	6555	35	2	
14	2222	2211	14	0	2110	0223	11	0	0101	2111	7	0	1212	2212	13	0	2110	1001	6	0	4422	4343	26	2	
15	1111	2122	11	0	2322	2213	17	1	1111	1121	9	0	2221	1232	15	1	1121	2111	10	0	2213	2333	19	1	
16	0101	1222	9	0	2522	2221	18	1	2434	4553	30	2	1221	1211	11	0	3323	2210	16	1	5544	4331	29	2	
17	4334	2011	18	1	2253	5555	32	2	2321	3111	14	1	2211	1222	13	0	2222	3210	14	0	2223	2465	26	2	
18	3353	4333	27	1	3553	3222	25	2	0090	0122	5	0	2111	1211	10	0	1232	2222	16	1	4433	3112	21	1	
19	2353	3223	23	1	2223	2222	17	1	1011	1011	6	0	1113	3322	16	0	2112	2200	10	0	3334	4322	24	1	
20	2443	3322	23	1	2222	1112	13	0	1110	1112	8	0	2001	1323	12	0	1102	1110	7	0	2223	3322	19	1	
21	2332	2555	27	1	1112	2212	12	0	1111	1111	8	0	2212	1211	12	0	1122	1201	10	0	1122	3222	15	0	
22	4333	5223	25	1	5443	1222	23	2	0091	1110	4	0	1553	3444	29	2	1211	1001	7	0	2122	3132	16	1	
23	1111	1012	8	0	1432	2213	18	1	1112	0111	8	0	2345	4244	28	2	1214	4220	16	1	2233	4432	23	1	
24	2212	3334	20	1	6655	5333	36	2	1012	2102	9	0	2266	6644	36	2	1233	3222	18	1	2111	2121	11	0	
25	2243	4332	23	1	3332	4121	19	1	2575	5534	36	2	2221	0111	11	0	2221	3443	21	1	0001	2224	11	0	
26	2223	1110	12	0	2223	3212	17	1	3233	2313	20	1	2332	3222	19	1	2211	1221	19	0	4212	4433	23	1	
27	1355	3233	25	1	3655	4332	32	2	1113	2323	16	1	1222	1455	22	1	1223	3332	19	1	3324	3312	21	1	
28	2331	2123	17	1	1112	3332	16	1	2123	2110	12	0	3254	5443	30	2	3344	5322	26	2	2222	2323	18	1	
29	2411	2131	15	0	1133	2112	14	0	1101	1091	5	0	3223	2322	19	1	2244	3212	20	1	3221	2232	17	1	
30	1122	2223	15	0	2222	2112	14	0	0105	3445	22	1	2223	3433	22	1	1111	2010	7	0	1123	3322	17	1	
31	1121	1421	13	0	1101	2310	9	0					2323	3422	22	1					1121	2220	11	0	
Mean			18.8 (18.7)			17.5 (17.4)	0.7			14.4 (14.4)	0.6		16.0 (16.0)	0.6		13.4 (13.4)	0.5				18.8 (18.7)	0.9			
Day	29	2	4(1)	9	2	2(1)	K	2(1)	4	2	3(3)	s. f. e.	16	2	5(2)	Day	16	2	5(2)	16	1	2(1)	s. f. e.		
				20	1	2(1)	E-time	20	1	2(1)	Day	20	1	2(1)	E-time	20	1	2(1)	20	1	2(1)	Day	12	1	2(1)
							K				K					K						K			K