

## ERRATA

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## Geomagnetic Indices K and C for 1959 at Kakioka

By KAKIOKA MAGNETIC OBSERVATORY

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  $6.15\gamma/\text{mm}$ . The adopted a-factors, which are determined by the scale value measurements in this period,  $0.0065\gamma/\text{mm}/\text{mm}$  for the horizontal component and, for the vertical component,  $0.0015\gamma/\text{mm}/\text{mm}$ .

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  $300\gamma$ . In this table, figures in the bracket are K-figures in case of non-s. f. e.

Table 1. The adopted scale values of variometers  
reduced to base-line for H and Z.  
unit :  $\gamma/\text{mm}$ . (1959)

Month	H	Z
Jan.	2.83	3.52
Feb.	2.80	3.51
Mar.	2.80	3.48
Apr.	2.80	3.48
May	2.80	3.48
June	2.77	3.44
July	2.78	3.46
Aug.	2.76	3.44
Sep.	2.76	3.44
Oct.	2.80	3.47
Nov.	2.80	3.44
Dec.	2.81	3.45

Table 2. Three-hour-range indices, K, and Character figures, C. Kakioka (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	1010	1000	3	0	2323	3221	18	1	3343	6532	29	2	2221	1010	9	0	1212	3122	14	0	2222	2222	16	1
2	0002	2222	10	1	2333	4433	25	1	2223	5333	23	1	0112	2121	10	0	2221	1122	13	0	2333	3233	22	1
3	2232	2220	15	1	2223	4333	22	1	3223	3322	20	1	2232	1202	14	0	1111	2123	12	0	3333	3223	22	1
4	2213	3421	18	1	3333	4443	27	2	2223	2231	17	1	1111	1201	8	0	2224	3345	25	2	3344	3334	27	2
5	3224	4444	27	2	3323	4423	24	1	2221	2232	16	0	2101	1213	11	0	4443	4211	23	1	2322	2232	18	1
6	3324	5344	28	2	2213	3332	19	1	1121	2110	9	0	1221	2211	12	0	1211	2111	10	0	2222	2223	17	1
7	2323	1333	20	1	2122	4221	16	1	0101	2111	7	0	2211	2232	15	0	1122	2113	13	0	2322	2222	17	1
8	2233	3333	22	1	2222	3222	17	1	2121	1210	10	0	2233	4432	23	1	3345	4434	30	2	2232	2332	19	1
9	3113	4645	27	1	2233	4312	20	1	0111	1210	7	0	4444	2253	28	2	2322	2321	17	1	3334	4222	23	1
10	5445	5444	35	2	2110	1212	10	0	0001	0101	3	0	5456	7642	39	2	2333	1333	21	1	3323	1122	17	1
11	3111	2333	17	1	1347	4534	31	2	1001	1122	8	0	1335	3343	25	2	2233	3345	25	2	2225	4422	23	1
12	3111	3333	18	1	2424	4422	24	1	2224	3332	21	1	3323	2112	17	1	6454	4633	35	2	1110	2232	12	0
13	1233	4332	21	1	2213	4443	23	1	2312	2213	16	0	1232	3222	17	1	2233	3223	20	1	1111	1112	9	0
14	2132	3222	17	1	2323	6531	25	1	1222	3211	14	0	2332	2223	19	1	1111	2111	9	0	2222	3222	17	1
15	1222	1010	9	0	2344	4532	27	2	2212	2101	11	0	3122	1222	15	0	2223	3333	21	1	2343	2112	18	1
16	2115	4432	22	1	4543	5554	35	2	1111	0101	6	0	2122	1222	14	0	3444	2223	24	1	2121	1022	11	0
17	2323	4422	22	1	4241	2121	17	1	2321	1212	14	0	1122	3122	14	0	1322	2321	17	1	0001	2233	11	0
18	2222	3432	20	1	1100	1221	8	0	0100	1215	10	0	1112	1221	11	0	3332	2334	23	1	1333	2221	17	1
19	2322	2231	17	1	3222	3321	18	1	2102	1221	11	0	1122	1111	10	0	3324	3233	23	1	2333	2212	18	1
20	1001	1110	5	0	0222	1111	10	0	1211	1112	10	0	0112	2111	9	0	2222	2242	18	1	1222	2212	14	0
21	0100	2210	6	0	1122	2221	13	0	2111	1212	11	0	2222	1101	11	0	1222	1223	15	0	2212	2123	15	0
22	1332	1221	15	1	3333	3323	23	1	2112	1123	13	0	0100	1101	4	0	1233	2332	19	1	1233	3334	22	1
23	2233	3211	17	1	2244	3000	15	1	3322	2232	19	1	0004	4555	23	1	1222	2223	16	1	2322	2334	21	1
24	2111	0110	7	0	0110	1112	7	0	1222	2222	15	0	5454	4323	30	2	2555	4455	35	2	4421	0223	18	1
25	1124	6453	26	2	4566	5643	39	2	3342	3443	26	2	2333	2343	23	1	4543	2222	24	1	1222	1113	13	0
26	2524	4421	24	1	3364	4433	30	2	2247	6546	36	2	3323	3322	21	1	2122	2121	13	0	2354	2210	19	1
27	1323	3321	18	1	2212	5533	23	1	4465	6554	39	2	1212	2412	15	0	1111	2111	9	0	1133	4533	23	1
28	2122	2233	17	1	4334	5443	30	2	3345	5555	35	2	1133	2112	14	0	1111	1011	7	0	3233	5333	25	2
29	2223	2333	20	1	4544	5442	32	2	4544	5442	32	2	2333	5332	24	1	1111	0112	8	0	2255	4444	30	2
30	2223	2231	17	1	2333	3212	19	1	2333	3212	19	1	2221	4441	20	0	1022	4330	15	0	3355	5432	30	2
31	3224	3311	19	1	1123	3222	16	1	1123	3222	16	1					2333	4332	23	1				
Mean	18.0	(18.0)	0.9	21.3	(21.2)	1.1	16.9	(16.8)	0.6	16.8	(16.7)	0.5	18.6	(18.5)	0.8	18.8	(18.7)	0.9						

  

Day	s.f.e.		K	s.f.e.		K	s.f.e.		K	s.f.e.		K	s.f.e.		K
	E-time	Day		E-time	Day		E-time	Day		E-time	Day		E-time	Day	
4	2	1	2(1)	1	16	1(0)	2	16	1(1)	5	8	3(0)	8	4(2)	2(2)
		18	2	1(1)	16	2	1(1)	13	2	17	2	3(1)	17	3	1(1)
		24	8	2(1)	24	8	2(1)	17	3	17	3	2(2)	17	3	2(0)
								18	2	18	2	3(3)	18	2	3(3)

Table 2. Three-hour-range indices, K, and Character figures, C. Kakioka (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	1110	1111	7	0	3242	3322	21	1	2223	3342	28	2	3445	5443	32	2344	3322	23	
2	2332	2111	15	0	3332	1232	19	1	2355	2234	22	1	3355	5454	34	2334	3442	25	
3	1121	3221	13	0	2243	2331	20	1	2333	4346	27	2	2333	5544	30	2335	4435	29	
4	1113	4243	19	1	2323	3222	19	1	5456	5544	38	2	3334	4443	27	3322	2221	17	
5	3333	4222	22	1	1222	2322	16	1	3333	3234	23	1	3334	4322	24	0054	6563	29	
6	2223	3322	19	1	1333	3333	22	1	5222	2210	16	1	4334	4334	28	3333	3232	22	
7	2223	3222	18	1	2232	2233	19	1	1012	2312	12	0	1321	3331	17	2210	2211	11	
8	2233	2222	18	1	2223	3312	18	1	1223	3321	17	1	3223	4321	20	1211	1322	13	
9	1333	3332	21	1	2133	4332	21	1	1112	1212	11	0	1312	2232	16	0	1223	3311	16
10	4433	2122	21	1	3322	2232	19	1	2222	1223	16	1	1110	1211	8	0	2222	3221	10
11	2332	3646	29	2	2212	2301	13	0	2333	3222	20	1	1112	1111	9	0	1122	1221	12
12	5223	3212	20	1	2212	1101	10	0	3333	2322	21	1	1001	1132	10	0	2333	2223	20
13	1122	2222	14	0	2222	2212	15	0	1121	1223	13	0	2112	2323	16	0	3322	1234	20
14	2433	3223	22	1	2222	2222	16	1	2343	3222	21	1	2434	5431	26	1	4355	3432	29
15	3467	7776	47	2	3223	2344	23	1	2232	3323	20	1	1111	1111	8	0	2234	3433	24
16	5332	3223	23	1	4476	6556	43	2	2211	2222	14	0	1121	3331	15	0	2133	3422	20
17	2333	4777	36	2	5545	5334	34	2	2223	3434	23	1	2324	3101	16	0	2222	2121	14
18	7555	4634	39	2	2433	3332	23	1	3223	3345	25	1	3444	4423	28	2	1122	5321	17
19	3333	3323	23	1	2332	2233	20	1	4434	3223	25	1	2223	2123	17	1	1233	4321	19
20	3223	2333	21	1	2664	3255	33	2	3444	5554	34	2	2232	2100	12	0	0212	2321	13
21	2222	3322	18	1	4334	2334	26	2	4555	5544	37	2	1111	1323	13	0	2110	1110	7
22	2332	2323	20	1	3332	3323	22	1	5555	6322	33	2	3433	3532	26	2	1433	4232	22
23	3323	2112	17	1	3323	3433	24	2	2224	2433	22	1	2123	2010	11	0	2334	5341	25
24	1224	3344	23	1	2343	2322	22	1	2223	4433	23	1	0022	3322	14	0	2211	2311	13
25	2335	4333	26	2	3333	3212	20	1	3333	4543	28	2	2335	4323	25	1	1223	4212	17
26	3333	3333	24	1	2221	0122	12	0	3234	4333	25	1	2234	4322	22	1	1235	4233	23
27	3334	2333	24	1	2111	1001	7	0	2333	3323	22	1	2344	3321	22	1	2231	2234	19
28	2232	2222	17	1	0100	0101	3	0	3233	2242	21	1	1221	3110	11	0	4766	5433	38
29	2332	1112	15	0	3112	3431	18	1	1113	3212	14	0	1012	3014	12	0	2114	4331	19
30	1101	1221	9	0	2122	2222	15	0	2224	4232	21	1	4333	4454	30	2	0233	4230	17
31	2223	3144	21	1	2213	2222	16	1					3236	5553	32	2	1132	3221	15
Mean	21.3 (21.0)	1.0	19.6 (19.6)	0.9	22.3 (22.3)	1.0	19.2 (19.2)	0.8	20.9 (20.8)	0.9	19.2 (19.2)	0.9	20.9 (20.8)	0.9	19.2 (19.2)	0.9			

Day	s. f. e.	K	s. f. e.	Day	s. f. e.	K	s. f. e.	Day	s. f. e.	K	s. f. e.	Day	s. f. e.	K	s. f. e.
10	1	4(3)	3	28	2	2(0)	30	1	2	3(2)	30	1	2	2(1)	3(3)
10	2	4(1)	3	28	2	2(0)	30	1	2	3(2)	30	1	2	2(1)	3(3)
14	2	4(1)	3	28	2	2(0)	30	1	2	3(2)	30	1	2	2(1)	3(3)
16	8	3(2)	3	28	2	2(0)	30	1	2	3(2)	30	1	2	2(1)	3(3)
29	8	2(1)	3	28	2	2(0)	30	1	2	3(2)	30	1	2	2(1)	3(3)