ERRATA

Page	Line	Read	For
80		Mean	the last line in the columns of "Day"

Geomagnetic Indices K and C for 1953 at Kakioka

By Kakioka Magnetic Observatory

Table 1 shows the monthly mean values of scale values for horizontal and vertical components of magnetograms, the γ-scale value for the declination being 6.15 γ/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 γ.

Table 1. Mean scale-values of variometers for H and Z.

(γ/mm)

	H	Z
Jan.	2.72	3.08
Feb.	2.72	3.06
Mar.	2.72	3.06
Apr.	2.71	3.10
May	2.72	3.05
June	2.70	3.06
July	2.69	3.03
Aug.	2.70	3.00
Sept.	2.70	3.01
Oct.	2.71	3.02
Nov.	2.72	3.05
Dec.	2.75	3.14

Table 2. Three-hour-range indices, K and character figures, C at Kakioka (G.M.T.).

January. 1953

Day	K	Sum	C
1	2 2 1 3 3 2 2 2	17	1
2	2 2 2 3 4 4 4 2	23	1
3	1 1 0 1 3 2 2 0	10	0
4	1 0 1 0 1 3 2 2	10	0
5	1 3 7 6 4 4 5 3	33	2
6	2 2 2 2 3 5 2 2	20	1
7	2₂2₂2 2 3 2 1 1	15₁₅	1
8	2 2 1 2 1 0 2 2	12	0
9	3 1 1 1 1 2 2 2	13	0
10	1 0 1 0 2 1 1 1	7	0
11	2 2 1 1 2 1 1 1	11	0
12	1 2 0 1 2 1 1 1	9	0
13	0 1 2 3 3 1 3 3	16	1
14	0 1 2 1 2 2 1 2	11	0
15	1 1 1 1 1 1 0 1	7	0
16	1₁0 0 0 2 2 1 1	7₇	0
17	1 1 0 2 1 1 1 1	8	0
18	1 2 2 3 3 4 3 2	20	1
19	2 3 4 4 3 2 2 2	22	1
20	2 2 2 3 3 1 2 1	16	1
21	1 1 1 2 3 2 2 2	14	1
22	1 1 2 1 2 1 1 2	11	0
23	2 2 1 0 2 0 0 0	7	0
24	2 1 2 3 2 3 2 1	16	1
25	1 1 2 4 4 3 3 3	21	1
26	3 3 2 4 4 4 3 3	26	1
27	3 3 3 5 5 3 4 1	27	1
28	2 3 3 3 3 4 4 3	25	1
29	3 2 2 3 4 4 2 1	21	1
30	2 2 3 3 3 3 2 2	20	1
31	2 3 1 3 3 1 1 1	15	1
Mean		15.8	0.6

February, 1953

Day	K	Sum	C
1	2 0 1 1 1 0 2 2	9	0
2	2 2 2 1 2 3 1 1	14	1
3	2 1 1 2 1 2 2 1	12	0
4	2 2 1 2 3 1 2 0	13	1
5	0 1 1 1 2 2 1 0	8	0
6	1 0 1 1 2 2 1 1	9	0
7	1 2 1 1 0 1 1 1	8	0
8	2 1 1 1 1 2 1 2	11	0
9	2 2 2 2 2 3 2 3	18	1
10	2 1 1 1 3 3 2 3	16	1
11	2 2 2 1 1 1 1 1	11	-0
12	1 1 1 1 2 2 1 1	10	0
13	1 0 0 1 1 1 1 2	7	0
14	2 2 2 3 1 3 3 1	17	1
15	1 1 2 3 3 2 2 2	16	1
16	3 2 2 2 2 4 4 2	23	1
17	2 3 3 3 2 2 2 1	18	1
18	1 1 1 2 1 1 1 2	10	0
19	2 2 2 2 2 3 2 2	17	1
20	1 0 1 1 2 2 2 1	10	0
21	2 2 1 1 2 2 2 2	14	1
22	2 1 1 3 3 4 4 4	22	1
23	3 2 4 4 4 4 3 3	27	1
24	4 4 4 4 4 4 3 3	30	1
25	3 3 5 4 3 3 2 2	25	1
26	2 2 5 3 5 3 3 3	26	1
27	2 2 4 5 3 3 2 3	24	1
28	2 4 2 1 1 2 2 1	15	1
Mean		15.7	0.6

March, 1953

Day	K	Sum	C
1	1 2 3 3 2 2 2 2	17	1
2	3 3 5 4 6 5 5 3	34	1
3	4 5 3 4 3 2 2 2	25	1
4	3 1 1 1 1 2 1 1	11	0
5	1 3 1 1 2 2 2 2	14	1
6	2 2 1 1 2 2 2 2	14	1
7	3 3 3 2 3 1 3 1	19	1
8	1 1 1 2 3 3 3 4	18	1
9	3 2 3 4 4 3 3 3	25	1
10	3 3 2 3 3 3 2 2	21	1
11	2 1 1 1 1 0 1 1	8	0
12	2 2 1 2 2 1 2 1	13	0
13	1 1 1 0 1 1 1 2	8	0
14	3 2 1 2 2 2 2 2	16	1
15	1 2 2 5 4 2 1 2	19	1
16	3 2 1 2 2 2 1 3	16	1
17	2 2 2 1 1 1 1 1	11	0
18	1 0 1 1 1 0 2 1	7	0
19	2 2 2 4 4 4 2 3	23	1
20	2 1 1 2 1 1 3 3	14	1
21	4 3 3 4 3 3 3 2	25	1
22	5 3 2 3 3 2 2 3	23	1
23	3 5 4 4 5 5 4 3	33	1
24	3 4 5 5 4 3 5 4	33	1
25	4 3 5 5 4 4 4 3	32	1
26	2 3 3 3 3 3 3 3	23	1
27	3 4 3 4 2 2 2 2	22	1
28	3 3 3 3 4 3 2 1	22	1
29	1 2 2 1 1 2 3 3	15	1
30	2 3 2 1 2 2 3 3	18	1
31	2 2 1 1 2 1 2 2	13	0
Mean		19.1	0.8

April, 1953

Day	K	Sum	C
1	2 2 2 3 2 2 2 1	16	1
2	2 2 2 3 2 2 2 1	16	1
3	1 0 1 1 1 3 2 2	11	0
4	3 3 2 2 4 3 4 2	23	1
5	1 1 1 2 2 2 1 1	11	0
6	1 1 1 2 2 1 1 0	9	0
7	0 1 0 1 2 1 0 1	6	0
8	0 2 2 1 3 1 1 1	11	0
9	1 1 0 1 1 2 2 2	10	0
10	1 2 3 3 3 3 2 2	19	1
11	1 3 3 4 3 3 2 2	21	1
12	2 1 2 4 3 2 1 1	16	1
13	2 1 3 4 4 2 1 0	17	1
14	1 1 2 2 2 1 1 0	10	0
15	1 2 2 2 2 2 2 2	15	1
16	3 3 4 4 4 4 3 3	28	1
17	2 1 2 3 3 2 1 1	15	1
18	3 2 3 3 2 2 2 1	18	1
19	1 3 3 2 4 3 2 2	20	1
20	2 3 4 3 3 2 3 3	23	1
21	2 3 3 3 2 3 3 3	22	1
22	2 1 2 2 3 3 3 2	18	1
23	3 3 3 2 3 2 3 2	21	1
24	2 1 2 3 3 3 2 2	18	1
25	3 3 2 2 3 3 2 2	20	1
26	2 2 3 2 3 3 2 2	19	1
27	2 1 2 2 2 2 2 1	14	0
28	2 1 2 2 2 1 0 0	10	0
29	2 2 3 2 3 3 1 1	17	1
30	1 1 3 1 2 2 2 1	13	0
		16.2	0.7

May, 1953

Day	K	Sum	C
1	1 1 1 2 2 1 2 1	11	0
2	2 1 1 2 1 0 2 2	11	0
3	0 1 1 1 2 1 1 0	7	0
4	1 2 2 2 1 1 1 2	12	0
5	2 2 4 3 2 2 2 3	20	1
6	4 3 5 6 4 3 3 3	31	1
7	3 4 3 3 3 3 2 2	23	1
8	4 2 3 3 3 2 2 3	22	1
9	2 2 3 3 3 2 2 3	20	1
10	2 1 2 3 2 3 2 2	17	1
11	2 3 2 3 2 1 1 1	15	1
12	1 1 1 1 1 1 2 1	9	0
13	1 1 1 2 1 0 1 1	8	0
14	2 - 1 1 1 2 2 2	-	0
15	0 3 2 3 5 4 4 4	25	1
16	4 4 3 4 5 4 4 4	32	1
17	3 4 3 2 2 2 2 2	20	1
18	2 3 3 3 3 1 2 2	19	1
19	2 3 3 4 3 3 2 2	22	1
20	2 2 4 3 2 2 2 2	19	1
21	2 2 3 3 1 2 2 2	17	1
22	2 3 2 1 2 2 3 2	17	1
23	2 1 3 3 1 2 3 2	17	1
24	2 2 1 3 3 3 2 2	18	1
25	1 1 1 2 1 3 2 3	14	1
26	1 2 2 2 2 2 3 3	17	1
27	4 4 5 4 2 3 2 2	26	1
28	2 2 2 2 1 2 2 2	15	1
29	1 2 1 2 2 1 1 2	12	0
30	2 2 1 1 1 1 2 1	11	0
31	1 1 2 2 2 1 2 2	13	0
		17.3	0.7

June, 1953

Day	K	Sum	C
1	1 2 1 2 0 1 1 1	9	0
2	3 4 6 5 3 3 3 3	30	1
3	2 3 5 3 4 2 3 2	24	1
4	3 3 4 3 2 2 2 2	21	1
5	2 3 3 2 2 2 3 1	18	1
6	2 3 2 2 2 2 2 1	16	1
7	2 1 2 2 2 3 2 1	15	1
8	2 2 1 2 1 2 2 0	12	0
9	1 1 2 2 2 1 1 1	11	0
10	2 2 3 2 2 3 3 2	19	1
11	1 1 2 1 1 1 2 2	11	0
12	1 2 2 3 2 2 3 3	18	1
13	3 2 2 2 2 1 2 2	16	1
14	2 1 2 1 1 1 2 1	11	0
15	1 2 1 1 2 1 1 1	10	0
16	1 2 1 0 2 1 2 2	11	0
17	2 2 2 1 2 2 1 2	14	1
18	2 1 2 1 1 1 1 1	10	0
19	2 2 1 1 2 2 1 2	13	0
20	1 2 2 2 4 2 4 2	19	1
21	2 2 3 2 1 1 2 2	15	1
22	1 2 2 2 2 1 1 2	13	0
23	1 1 1 0 0 0 1 2	6	0
24	2 2 1 1 1 1 2 2	12	0
25	2 2 2 1 1 1 1 1	11	0
26	1 1 1 1 1 1 1 1	8	0
27	2 1 1 1 1 1 1 1	9	0
28	0 2 0 0 0 0 1 2	5	0
29	2 2 3 6 4 5 4 4	30	1
30	4 4 4 4 3 3 2 3	27	1
		14.8	0.5

Table 2. Three-hour-range indices, K and Character figures, C at Kakioka (G.M.T.).

July, 1953

Day	K	Sum	C
1	3 3 4 4 3 2 2 2	23	1
2	4 4 4 3 3 3 3 3	27	1
3	3 3 3 3 3 3 2 2	22	1
4	3 3 3 3 3 2 2 2	21	1
5	2 3 4 3 2 2 2 2	20	1
6	3 1 3 2 1 1 1 2	14	1
7	2 4 3 1 2 2 2 3	19	1
8	2 4 2 3 2 2 2 2	17	1
9	1 2 2 2 3 2 3 3	18	1
10	2 2 2 1 2 2 1 1	13	1
11	1 2 2 2 1 0 1 1	10	0
12	2 2 1 1 3 3 3 3	18	1
13	2 4 5 3 2 3 2 2	23	1
14	1 1 2 1 2 3 3 3	16	1
15	2 4 3 2 3 2 2 1	19	1
16	2 2 1 1 0 1 1 1	9	0
17	2 2 2 2 2 1 1 1	13	1
18	2 2 1 1 2 1 1 2	12	0
19	2 1 2 1 1 0 2 2	11	0
20	2 2 1 3 3 1 1 1	14	1
21	1 2 1 1 0 0 1 1	7	0
22	1 1 2 1 0 2 2 1	10	0
23	2 2 3 5 5 5 3 3	28	1
24	3 2 2 3 2 3 3 3	21	1
25	1 2 1 1 2 3 3 2	15	1
26	3 2 4 3 3 3 3 3	24	1
27	3 4 5 3 5 4 3 2	29	1
28	3 3 4 4 3 3 3 2	25	1
29	3 3 3 4 4 3 2 3	25	1
30	2 2 3 4 4 3 2 2	22	1
31	3 3 3 3 3 2 2 1	20	1
Mean		18.2	0.8

August, 1953

Day	K	Sum	C
1	3 2 2 2 2 2 3 2	18	1
2	2 2 2 3 1 1 3 2	16	1
3	1 1 2 1 2 1 3 2	13	1
4	2 1 1 1 3 2 2 1	13	1
5	2 1 1 1 1 1 2 2	11	0
6	1 1 2 2 1 3 2 1	13	1
7	2 2 1 3 2 1 2 1	14	1
8	1 1 2 2 2 1 1 2	12	0
9	2 3 2 2 3 2 3 1	18	1
10	2 2 3 3 3 3 2 2	20	1
11	2 3 2 2 2 3 3 3	20	1
12	3 3 4 4 4 4 2 2	26	1
13	3 2 4 1 4 4 3 3	24	1
14	2 3 1 2 2 3 2 2	17	1
15	2 1 2 2 1 1 2 1	12	0
16	2 2 2 3 2 2 2 2	17	1
17	2 1 1 0 2 1 0 0	7	0
18	2 1 1 0 1 2 1 2	10	0
19	2 1 1 1 2 1 1 0	9	0
20	1 1 1 1 1 1 1 1	8	0
21	2 2 1 1 0 0 0 0	6	0
22	1 1 1 2 2 1 1 0	9	0
23	3 2 4 6 5 4 4 5	33	1
24	3 4 3 4 4 5 3 5	31	1
25	2 3 4 5 4 3 2 1	24	1
26	3 4 3 2 3 3 3 3	24	1
27	4 4 4 5 4 3 3 3	30	1
28	2 3 3 4 4 4 2 3	25	1
29	3 3 4 4 3 3 3 3	26	1
30	5 4 4 4 5 5 3 3	33	1
31	3 2 3 4 5 3 3 2	25	1
Mean		18.2	0.7

September, 1953

Day	K	Sum	C
1	2 2 3 3 4 3 2 1	20	1
2	2 3 3 3 3 3 3 1	21	1
3	2 2 2 3 4 3 4 6	26	1
4	5 4 4 4 4 4 3 4	32	1
5	4 3 3 2 3 2 3 1	21	1
6	1 1 5 3 3 1 2 2	18	1
7	1 3 3 4 4 3 2 2	22	1
8	1 2 3 3 2 2 2 1	16	1
9	1 2 2 2 1 1 1 -1	11	0
10	1 2 3 2 2 2 2 2	16	1
11	4 3 3 2 3 2 2 2	21	1
12	2 2 2 2 2 1 1 2	14	1
13	3 2 2 2 1 1 1 1	13	1
14	1 1 2 1 0 1 1 0	7	0
15	2 3 3 3 3 5 4 2	25	1
16	3 3 3 3 3 3 3 3	24	1
17	3 3 2 2 3 2 3 2	20	1
18	2 1 2 2 0 3 3 4	17	1
19	4 3 5 6 4 5 3 3	33	1
20	3 4 4 2 5 3 3 2	26	1
21	2 2 4 4 4 3 3 3	25	1
22	5 3 5 2 2 2 3 3	25	1
23	2 4 5 4 4 4 3 2	28	1
24	2 3 5 5 5 3 3 2	28	1
25	2 2 3 3 4 2 3 2	21	1
26	1 2 2 2 3 1 2 2	15	1
27	2 3 3 3 4 2 2 0	19	1
28	1 1 1 1 1 2 2 1	10	0
29	1 1 1 1 2 2 1 0	9	0
30	1 1 2 2 2 1 2 3	13	1
Mean		19.9	0.9

October, 1953

Day	K	Sum	C
1	2 3 1 1 3 1 2 1	14	1
2	1 1 0 2 2 2 1 1	10	0
3	1 2 1 2 3 2 2 2	15	1
4	2 1 0 1 1 1 1 1	8	0
5	1 0 1 1 0 0 1 1	5	0
6	1 0 0 0 1 0 2 2	6	0
7	2 2 5 2 4 1 1 2	19	1
8	1 1 1 1 2 1 2 2	11	0
9	2 3 3 1 1 1 1 2	14	1
10	2 2 1 0 2 2 2 1	12	0
11	1 1 0 2 3 3 2 0	12	0
12	1 1 0 1 0 0 2 1	6	0
13	0 0 0 1 1 2 1 0	5	0
14	2 1 1 0 0 1 0 1	6	0
15	0 1 2 3 4 5 3 3	21	1
16	3 3 3 3 2 4 4 4	26	1
17	2 3 4 4 4 4 3 3	27	1
18	3 3 4 4 5 5 4 3	31	1
19	4 3 5 4 5 3 3 2	29	1
20	3 3 4 3 5 4 3 3	28	1
21	2 1 4 4 3 3 1 1	19	1
22	1 4 4 3 3 3 2 1	21	1
23	0 2 3 2 3 2 1 0	13	0
24	0 1 1 2 4 2 0 0	10	0
25	2 1 1 2 2 1 0 1	10	0
26	1 1 2 2 1 0 1 1	9	0
27	1 1 3 2 3 3 2 1	16	1
28	1 1 0 1 1 2 1 1	8	0
29	0 1 1 1 2 3 2 2	12	0
30	2 2 1 1 2 1 1 1	11	0
31	1 1 2 1 0 1 0 0	6	0
Mean		14.2	0.4

November, 1953

Day	K	Sum	C
1	1 0 1 2 1 1 3 2	11	0
2	1 1 2 1 2 2 1 1	11	0
3	2 1 2 1 2 3 2 2	15	1
4	2 1 1 2 1 0 0 1	8	0
5	2 3 4 3 3 2 1 1	19	1
6	1 0 2 1 4 3 1 2	14	1
7	1 2 1 2 3 2 2 1	14	1
8	1 1 0 3 3 1 1 2	12	0
9	2 2 1 0 0 0 0 0	5	0
10	0 1 0 1 1 0 0 0	3	0
11	0 0 0 1 3 2 2 2	10	0
12	2 1 1 3 4 2 4 3	20	1
13	3 3 3 5 5 3 3 2	27	1
14	3 4 3 4 5 4 4 3	30	1
15	1 2 4 5 5 3 4 2	26	1
16	4 3 3 4 3 4 4 2	27	1
17	3 3 1 2 3 4 3 3	22	1
18	2 3 2 4 4 2 2 2	21	1
19	3 2 3 4 5 3 3 3	26	1
20	2 3 3 3 3 3 3 3	23	1
21	2 2 3 4 4 1 2 1	19	1
22	1 1 1 1 3 2 1 1	11	0
23	0 2 5 5 3 4 4 3	26	1
24	3 3 2 2 2 3 2 1	18	1
25	2 3 2 2 3 2 1 3	18	1
26	2 2 2 1 1 1 2 1	12	0
27	2 1 3 2 2 2 1 1	14	1
28	1 2 0 1 0 1 1 1	7	0
29	1 1 0 2 1 0 0 0	5	0
30	1 1 1 2 1 1 1 1	9	0
Mean		16.1	0.6

December, 1953

Day	K	Sum	C
1	1 0 1 1 0 1 1 1	6	0
2	1 1 1 1 0 1 1 1	7	0
3	2 1 1 1 2 2 1 2	12	0
4	3 2 2 2 1 1 3 1	15	1
5	2 1 1 1 1 2 1 0	9	0
6	1 1 1 2 2 2 1 2	12	0
7	2 1 2 2 1 0 0 1	9	0
8	1 2 2 1 2 2 2 2	14	1
9	2 1 1 1 2 3 3 1	14	1
10	2 1 2 3 1 2 1 2	14	1
11	2 2 2 4 5 3 3 2	23	1
12	2 3 3 3 3 4 3 2	23	1
13	2 1 1 2 2 2 3 2	15	1
14	2 2 1 2 2 2 2 1	14	1
15	0 1 2 2 2 0 1 1	9	0
16	1 1 1 2 1 1 1 1	9	0
17	2 2 1 1 2 3 1 2	14	1
18	2 1 0 0 2 1 2 1	9	0
19	1 1 1 1 1 3 2 2	12	0
20	1 0 1 1 2 3 2 1	11	0
21	1 1 1 0 1 1 0 1	6	0
22	1 1 2 2 2 3 2 1	14	1
23	1 0 1 0 2 2 2 1	9	0
24	1 2 1 3 1 0 1 1	10	0
25	1 1 1 1 2 1 1 1	9	0
26	2 1 0 0 1 2 2 3	11	0
27	2 1 1 2 1 2 1 2	12	0
28	2 2 1 1 3 2 1 2	14	1
29	2 1 0 2 2 3 3 2	15	1
30	1 2 1 2 2 1 1 1	11	0
31	1 1 2 2 0 0 0 1	7	0
Mean		11.9	0.4