

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Stepanovka (Odessa)* SCALE-VALUES OF VARIOMETERS
 MONTH *January* 19...*79* IN Y.MM
 RANGE FOR K*9...*350* Y D..... H..... Z.....

GR DAY	K- INDICES FOR THREE-HOUR INTERVAL										SUM
	00 ^h - 03 ^h	03 ^h - 06 ^h	06 ^h - 09 ^h	09 ^h - 12 ^h		12 ^h - 15 ^h	15 ^h - 18 ^h	18 ^h - 21 ^h	21 ^h - 24 ^h		
1	2	2	2	2		2	0	1	4	15	
2	2	2	2	4		2	5	6	4	27	
3	3	2	2	3		3	3	5	3	24	
4	3	4	3	4		5	5	6	5	35	
5	4	3	3	2		2	4	4	3	25	
6	4	2	3	4		4	5	3	3	28	
7	2	1	3	3		6	6	6	4	31	
8	3	3	3	2		1	2	3	3	20	
9	3	3	3	3		3	3	3	2	23	
(10)	1	1	1	2		0	1	2	1	9	
(11)	1	2	1	2		2	0	0	0	8	
12	1	1	3	2		3	2	2	4	18	
(13)	3	0	1	1		2	1	1	1	10	
(14)	1	1	2	2		3	3	2	1	15	
15	1	1	2	4		3	3	5	4	23	
16	3	3	2	2		3	2	1	2	18	
(17)	0	0	2	2		1	3	3	3	14	
18	3	3	2	3		3	3	3	2	22	
19	3	3	2	3		3	2	3	3	22	
20	3	3	3	3		2	3	3	1	21	
21	3	2	3	4		3	3	2	1	21	
22	1	1	2	3		3	2	5	5	22	
23	3	2	2	5		5	5	6	5	33	
24	5	4	3	3		2	3	2	3	25	
25	5	5	4	4		4	4	4	3	33	
26	4	3	3	4		3	5	5	5	32	
27	3	3	3	3		3	4	5	5	29	
28	2	3	3	4		3	3	5	1	24	
29	3	3	2	3		3	2	3	3	22	
30	3	3	4	3		3	2	3	4	25	
31	3	3	3	3		3	2	3	3	23	

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Stepanovka (Odessa)* VALUES OF VARIOMETERSMONTH *February* 19 *79*

IN Y MM

RANGE FOR K=9 *350* Y

D..... H..... Z.....

GR DAY	K- INDICES FOR THREE-HOUR INTERVAL										SUM
	00 ^h - 03 ^h	03 ^h - 06 ^h	06 ^h - 09 ^h	09 ^h - 12 ^h		12 ^h - 15 ^h	15 ^h - 18 ^h	18 ^h - 21 ^h	21 ^h - 24 ^h		
1	2	2	3	3		3	1	1	2	17	
2	2	3	3	3		2	1	3	3	20	
3	1	2	2	3		1	3	5	3	20	
4	3	4	3	3		4	5	3	2	27	
5	3	2	3	3		3	0	0	2	16	
6	2	3	3	2		4	3	3	5	25	
7	1	2	2	2		2	2	2	3	16	
8	2	2	1	3		2	2	3	3	18	
9	3	3	3	3		2	3	2	3	22	
10	3	3	2	3		2	2	3	3	21	
11	3	4	2	2		2	2	3	3	21	
12	4	3	4	4		4	3	1	1	24	
(13)	0	0	1	1		1	1	0	0	4	
(14)	0	1	1	1		1	1	1	2	8	
(15)	1	1	3	2		2	3	2	1	15	
(16)	1	3	2	2		2	1	1	0	12	
(17)	0	1	1	2		2	2	2	2	12	
18	2	4	3	4		4	2	5	4	28	
19	4	2	2	3		5	2	3	2	23	
20	1	2	2	2		2	2	2	3	16	
21	2	4	5	4		4	6	6	6	37	
22	4	3	4	5		5	5	3	4	33	
23	5	3	4	4		4	3	4	4	31	
24	3	3	2	3		3	4	3	4	25	
25	2	4	4	2		3	2	3	4	24	
26	4	4	3	3		4	5	4	4	31	
27	5	4	3	4		4	4	2	2	28	
28	4	3	3	4		4	5	4	3	30	
29											
30											
31											

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Stepanovska (Odessa)* SCALE VALUES OF VARIOMETERS
 MONTH *march* 19 *79* IN Y.MM
 RANGE FOR K=9 *350* Y D..... H..... Z.....

GR DAY	K- INDICES FOR THREE-HOUR INTERVAL										SUM
	00 ^h - 03 ^h	03 ^h - 06 ^h	06 ^h - 09 ^h	09 ^h - 12 ^h		12 ^h - 15 ^h	15 ^h - 18 ^h	18 ^h - 21 ^h	21 ^h - 24 ^h		
1	5	3	2	3		2	3	3	2	21	
2	4	4	3	4		2	3	4	4	28	
3	4	2	2	3		3	4	4	2	24	
4	4	3	3	4		5	3	4	5	31	
5	3	3	3	3		2	2	4	2	22	
6	3	3	3	4		4	4	5	5	31	
7	2	2	3	3		2	2	3	3	20	
8	2	2	3	3		3	1	2	2	18	
9	3	0	4	3		3	3	3	3	22	
10	5	4	3	4		4	5	6	5	36	
11	4	3	4	3		3	3	3	1	24	
(12)	0	2	2	2		2	1	3	0	12	
(13)	1	2	2	3		2	2	0	1	13	
(14)	0	1	1	1		1	2	1	1	8	
15	0	0	4	3		3	3	3	3	19	
16	3	3	2	3		3	2	3	2	21	
17	3	3	4	4		4	2	2	3	25	
18	2	2	3	2		3	2	0	1	15	
19	2	2	2	2		3	3	3	2	19	
(20)	1	2	1	2		2	2	2	3	15	
(21)	0	1	1	1		2	1	2	2	10	
22	1	2	4	6		5	6	4	3	31	
23	3	3	3	3		2	3	3	3	23	
24	3	2	3	2		2	2	3	3	20	
25	4	3	3	4		3	3	4	4	28	
26	4	3	2	3		4	4	4	4	28	
27	1	3	3	4		3	4	4	4	26	
28	4	3	4	4		3	4	3	5	30	
29	6	5	5	4		4	4	5	5	38	
30	4	3	2	2		3	2	2	2	20	
31	3	3	2	3		4	3	3	5	26	

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Stepanovska (Odessa)* STATION NAMES OF VARIOMETERS
MONTH *April* 19*79* IN Y MM
RANGE FOR K=9..... 350 Y D..... H..... Z.....

GR	K- INDICES FOR THREE-HOUR INTERVAL										SUM
DAY	00 ^h - 03 ^h	03 ^h - 06 ^h	06 ^h - 09 ^h	09 ^h - 12 ^h		12 ^h - 15 ^h	15 ^h - 18 ^h	18 ^h - 21 ^h	21 ^h - 24 ^h		
1	3	3	3	3		4	3	3	6	28	
2	5	3	2	3		3	5	3	3	27	
3	3	3	3	3		3	5	5	6	31	
4	5	6	3	4		5	2	2	2	29	
5	4	4	4	6		6	6	4	3	37	
6	3	2	3	3		3	4	3	2	23	
7	3	2	3	3		3	3	3	3	23	
8	3	2	3	3		1	2	3	4	21	
(9)	3	3	3	2		3	2	2	1	19	
10	2	2	3	3		3	3	3	3	22	
(11)	1	2	3	2		3	3	2	2	18	
12	2	3	4	3		2	3	3	4	24	
13	2	2	3	2		3	3	3	3	21	
14	3	2	2	3		2	4	3	5	24	
15	3	3	3	3		4	3	3	3	25	
16	4	4	3	3		3	2	3	2	24	
17	3	1	3	3		3	2	3	2	20	
(18)	2	2	3	3		2	1	2	2	17	
(19)	2	2	2	3		1	3	2	2	17	
(20)	1	1	2	1		1	1	1	1	9	
21	1	1	2	3		5	4	4	5	25	
22	4	4	3	5		3	4	4	3	30	
23	4	3	3	3		3	3	3	2	24	
24	3	2	3	3		2	2	2	5	22	
25	7	6	6	6		6	5	5	5	46	
26	3	2	2	2		2	3	3	3	20	
27	3	3	4	4		3	3	4	4	28	
28	4	4	4	5		4	2	4	4	31	
29	3	4	3	3		4	5	5	5	32	
30	4	3	3	3		4	2	3	3	25	

INDICES OF GEOMAGNETIC ACTIVITY

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OBSERVATORY *Steponovka (Odessa)* VALUES OF VARIOMETERS
 MONTH *may* 19 *79* IN Y-MM
 RANGE FOR K_s 350 Y D..... H..... Z.....

GR	K- INDICES FOR THREE-HOUR INTERVAL										SUM
DAY	00 ^h - 03 ^h	03 ^h - 06 ^h	06 ^h - 09 ^h	09 ^h - 12 ^h		12 ^h - 15 ^h	15 ^h - 18 ^h	18 ^h - 21 ^h	21 ^h - 24 ^h		
1	2	3	3	4		4	2	3	4	25	
2	4	4	2	3		4	3	3	2	25	
3	3	2	3	3		2	2	2	2	19	
4	2	2	2	3		3	2	3	3	20	
5	3	3	4	3		2	3	2	2	22	
(6)	1	2	3	2		2	3	2	2	17	
7	2	2	3	3		4	3	3	3	23	
8	1	3	3	3		3	2	3	3	21	
9	2	3	3	4		3	3	4	3	25	
10	2	3	2	3		2	3	2	2	19	
11	3	3	4	3		4	4	3	3	27	
12	2	3	3	3		3	2	2	2	20	
(13)	2	2	2	2		2	3	3	2	18	
14	2	2	3	3		4	3	2	2	21	
15	2	3	3	3		4	3	2	2	22	
(16)	2	2	3	2		2	2	2	1	16	
(17)	1	2	2	1		2	2	1	1	12	
18	1	2	2	3		2	3	4	4	21	
19	4	4	3	4		4	3	3	3	28	
20	3	3	3	4		4	2	3	3	25	
21	2	3	3	3		4	2	4	3	24	
22	4	4	3	4		3	5	4	4	31	
23	3	3	3	2		3	2	4	3	23	
24	3	4	4	4		4	3	3	4	29	
25	3	4	3	4		4	5	5	4	32	
26	4	4	4	3		4	4	2	3	28	
27	3	4	3	3		3	3	3	2	24	
28	2	3	3	3		3	3	4	3	24	
29	3	3	3	2		2	3	6	7	29	
30	3	4	2	2		2	3	1	1	18	
(31)	0	2	3	4		3	3	2	1	18	

INDICES OF GEOMAGNETIC ACTIVITY

Stepanovka (Odessa)

MONTH... June ... 19 79.

NY MM

RANGE FOR K=9.....350.....Y

D..... H..... Z.....

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6885

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Stepanovka (Odessa)* STATION VALUES OF VARIOMETERSMONTH *July* 19 *79*

IN Y MM

RANGE FOR K = 9 *350* Y

D..... H..... Z.....

GR	K- INDICES FOR THREE-HOUR INTERVAL										SUM
DAY	00 ^h - 03 ^h	03 ^h - 06 ^h	06 ^h - 09 ^h	09 ^h - 12 ^h		12 ^h - 15 ^h	15 ^h - 18 ^h	18 ^h - 21 ^h	21 ^h - 24 ^h		
1	3	I	3	3		2	3	2	I	18	
2	3	I	I	2		3	I	I	I	13	
3	2	2	3	5		4	3	2	3	24	
4	3	3	2	2		I	2	2	I	16	
5	I	2	I	2		2	3	2	2	15	
6	I	3	2	4		3	3	6	3	25	
7	3	4	3	3		5	4	4	2	28	
8	2	2	3	4		2	4	2	3	22	
9	I	2	3	2		2	4	I	I	16	
10	I	I	3	3		3	3	2	2	18	
11	I	2	2	3		2	2	I	I	14	
12	I	2	3	3		3	4	4	3	23	
13	3	4	3	3		3	4	2	I	23	
14	2	2	3	3		3	2	4	4	23	
15	4	3	3	3		3	3	3	3	25	
16	3	2	3	3		2	3	3	4	23	
17	3	3	3	4		3	3	2	2	23	
18	4	4	3	4		4	2	2	3	26	
19	3	3	2	4		3	3	2	3	23	
20	2	3	3	4		5	3	3	4	27	
21	I	3	3	4		3	3	3	3	23	
22	2	2	2	3		3	3	2	0	17	
23	2	3	3	3		3	I	2	2	19	
24	2	2	2	3		3	3	I	I	17	
25	3	I	I	2		2	2	0	I	12	
26	2	I	I	3		3	I	4	5	20	
27	5	3	2	4		3	5	3	3	28	
28	4	3	3	3		2	2	2	4	23	
29	3	3	3	4		5	4	5	5	32	
30	3	2	3	4		3	3	3	2	23	
31	I	0	2	2		2	2	I	0	10	

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Stepanovka (Odessa)* SCALE VALUES OF VARIOMETERS
 MONTH *August* 19 *79* IN Y MM
 RANGE FOR K*9 Y D H Z

GR DAY	K- INDICES FOR THREE-HOUR INTERVAL										SUM
	00h- 03h	03h- 06h	06h- 09h	09h- 12h		12h- 15h	15h- 18h	18h- 21h	21h- 24h		
1	I	I	2	4		5	3	3	4	23	
2	3	2	3	3		2	3	2	I	19	
3	3	3	4	4		3	2	I	3	23	
4	3	3	3	3		3	3	4	3	25	
5	2	2	2	3		2	2	2	3	18	
6	3	3	5	4		4	3	2	2	26	
7	2	3	3	3		4	2	3	2	22	
8	2	I	I	2		2	I	3	2	14	
9	2	2	2	3		2	3	I	I	16	
10	2	I	I	2		2	3	4	3	18	
11	2	2	3	3		2	2	4	4	22	
12	3	3	3	4		2	2	4	5	26	
13	3	2	3	6		6	7	5	5	37	
14	4	3	2	2		2	I	3	I	18	
15	2	I	2	2		2	I	I	2	13	
16	2	2	3	3		2	I	2	I	16	
17	2	2	3	2		2	3	3	I	18	
18	I	2	2	3		3	3	3	4	21	
19	5	4	4	5		4	4	3	5	34	
20	3	3	4	4		3	7	6	4	34	
21	4	3	4	3		4	3	4	3	28	
22	3	3	3	3		4	3	3	2	24	
23	I	2	3	3		2	I	2	I	15	
24	I	2	3	3		3	4	4	2	22	
25	2	2	4	4		4	5	5	5	31	
26	3	3	4	4		3	2	4	2	25	
27	2	3	4	3		3	3	3	I	22	
28	3	3	3	4		3	2	2	3	23	
29	3	4	4	5		5	6	6	5	38	
30	5	3	2	3		3	2	2	I	21	
31	2	2	2	3		4	2	3	3	21	

OBSERVATORY *Stepanovka (Odessa)* ... LE-VALUES OF VARIOMETERS
MONTH *September* ... IN Y.MM
RANGE FOR K=9 *350* Y D..... H..... Z.....

[illegible]

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Stepanovka (Odessa)* VALUES OF VARIOMETERS
MONTH *October* 19 *79* IN YMM
RANGE FOR K=9 *350* Y D..... H..... Z.....

GR	K- INDICES FOR THREE-HOUR INTERVAL										SUM
DAY	00h- 03h	03h- 06h	06h- 09h	09h- 12h		12h- 15h	15h- 18h	18h- 21h	21h- 24h		
1	3	3	2	3		2	2	I	I	I7	
2	I	2	3	3		2	4	4	4	23	
3	3	3	3	2		2	4	3	I	2I	
4	2	2	3	4		2	2	I	0	I6	
5	0	0	I	2		3	3	3	3	I5	
6	3	3	3	5		5	5	3	3	30	
7	3	4	3	4		5	4	5	5	33	
8	5	3	4	4		4	5	4	4	33	
9	4	2	2	4		3	3	4	3	25	
10	3	3	2	3		4	3	4	3	25	
11	I	2	3	3		3	3	2	2	I9	
12	I	2	2	3		3	3	4	4	22	
13	3	2	3	3		2	3	2	3	2I	
14	2	I	3	3		2	3	I	I	I6	
15	0	I	3	3		3	3	3	2	I8	
(16)	2	2	2	3		2	I	2	I	I5	
(17)	0	I	2	2		2	2	I	2	I2	
(18)	I	I	2	I		0	I	I	2	9	
19	2	I	3	3		2	2	2	2	I7	
20	2	I	3	3		3	3	3	I	I9	
21	I	2	2	2		3	3	3	5	2I	
22	3	3	2	3		2	3	2	2	20	
23	0	I	2	2		2	2	3	2	I4	
24	2	2	3	3		3	2	3	I	I9	
25	0	3	3	2		3	2	4	3	20	
26	2	2	2	3		3	2	2	3	I9	
(27)	I	I	2	2		2	2	2	2	I4	
28	2	3	2	4		3	I	I	4	20	
29	3	3	2	2		2	3	4	3	22	
(30)	2	2	2	2		I	I	I	0	II	
31	0	I	2	2		2	3	4	3	I7	

69802 457* = 111

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