

62574u Y6A

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS
INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY. *doparskaya (murmansk)* SCALE VALUES OF VARIOMETERS
MONTH. *January* 19...*79* IN Y/MM
RANGE FOR K=9.....*2500* 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	3	2	2	I	2	0	0	5	15
2	2	I	I	2	4	5	5	6	26
3	5	4	I	2	5	4	5	4	30
4	5	5	3	3	5	7	7	6	41
5	6	5	3	2	I	4	4	5	30
6	4	2	2	2	3	6	4	2	25
(7)	I	0	I	2	6	6	7	5	28
8	4	3	2	I	0	I	3	5	19
9	5	4	2	2	2	3	2	2	22
(10)	I	0	I	0	0	0	2	I	5
(11)	I	I	0	I	I	0	0	0	4
12	I	2	I	I	I	3	3	5	17
(13)	4	I	0	0	0	2	0	I	8
(14)	0	0	I	2	4	3	3	0	13
15	I	I	I	3	3	3	6	5	23
16	5	2	I	2	3	I	I	I	16
(17)	0	0	0	I	I	3	5	5	15
18	5	2	0	I	I	5	3	4	21
19	6	5	2	2	2	2	3	5	27
20	4	2	2	2	3	3	3	2	21
21	3	3	I	2	4	3	2	I	19
(22)	0	I	I	I	2	0	7	6	18
23	5	I	I	3	4	6	7	6	33
24	5	5	2	3	2	3	4	4	28
25	7	7	3	3	6	6	7	5	44
26	6	3	3	2	3	5	7	7	36
27	4	4	4	2	2	4	7	6	33
28	4	2	2	2	2	2	4	2	20
29	4	2	2	I	2	3	3	5	22
30	5	3	2	2	2	2	4	6	26
31	3	2	2	2	2	I	4	4	20

62575h 96A

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY, Loparskaya (Murmansk) DATE, VALUES OF VARIOMETERS
 MONTH, February 19 79 IN Y/MM
 RANGE FOR K=9... 2500... 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	3	2	I	I	I	0	0	2	10
2	2	2	2	2	I	2	4	4	19
3	2	2	0	0	0	2	5	4	15
4	5	3	2	2	3	6	5	4	30
5	6	2	2	3	3	I	I	2	20
6	2	4	I	2	4	2	4	6	25
7	I	I	0	2	I	2	2	4	13
8	3	I	I	I	2	2	3	4	17
9	4	2	I	2	2	4	2	5	22
10	2	0	I	0	I	2	3	2	11
11	3	4	I	I	I	0	4	5	19
12	5	5	3	3	4	I	I	I	23
13	I	0	0	I	0	0	0	0	2
14	0	0	0	0	0	0	0	3	3
15	I	I	I	2	2	4	3	I	15
16	0	I	2	2	I	0	0	0	6
17	0	I	I	I	I	I	2	3	10
18	I	3	2	3	3	3	6	7	28
19	5	3	2	I	3	3	3	I	21
20	2	I	I	I	0	2	4	5	16
21	3	4	4	3	3	4	7	6	34
22	5	3	4	4	4	5	4	4	33
23	5	6	4	3	2	2	5	5	32
24	5	3	2	2	3	5	6	6	32
25	3	3	3	2	3	I	5	5	25
26	6	4	3	3	4	7	6	5	38
27	6	5	3	3	4	5	3	4	33
28	5	2	I	3	4	6	5	4	30
29									
30									
31									

67242 n 464

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY. *doparskaya (murmansk)* SCALE VALUES IN KILOMETERS
 MONTH. *march* 19 *79* IN Y/MM
 RANGE FOR K=9..... *2500* 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	4	3	I	2	2	4	3	3	22
2	5	3	2	3	3	4	5	5	30
3	5	I	I	I	2	5	6	4	25
4	5	4	2	4	5	4	4	6	34
5	5	5	3	3	2	I	5	3	27
6	4	4	3	6	5	6	6	6	40
7	5	2	I	0	I	2	3	5	I9
8	3	I	I	2	2	I	2	4	I6
9	3	I	2	3	2	3	3	4	2I
10	5	4	3	3	3	5	7	6	36
11	6	4	2	3	4	3	I	0	23
(12)	0	I	2	I	I	0	3	0	8
(13)	0	2	2	I	I	I	0	I	8
(14)	0	0	I	0	0	0	I	2	4
(15)	0	I	I	I	2	2	4	4	I5
16	3	2	I	2	2	I	3	I	I5
17	3	2	4	4	3	I	0	3	20
18	3	2	2	2	2	I	0	0	I2
19	0	I	2	2	3	4	3	2	I7
(20)	0	I	I	I	I	I	2	4	II
(21)	0	I	I	I	I	I	2	I	8
22	0	I	3	4	7	6	4	5	30
23	4	4	2	2	2	I	3	5	23
24	4	2	3	2	2	3	5	5	26
25	4	4	3	3	4	4	6	6	34
26	6	3	2	3	5	6	6	6	37
27	2	2	3	4	4	5	5	5	30
28	5	4	3	6	5	5	5	6	39
29	6	5	5	5	5	6	6	6	44
30	5	4	2	I	3	I	2	3	2I
31	4	4	3	2	4	4	5	6	32

67551

4 46 *

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *doparskaya (murmansk)* SCALE VALUES OF KILOMETERS

MONTH *April* 19 *79* IN Y/MM

RANGE FOR K=9..... *2500*. Y D..... H..... Z.....

GR	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	5	2	5		5	4	4	7		37
2	7	5	3	4		4	6	4	5		38
3	4	4	2	2		3	5	6	7		33
4	7	8	4	5		5	3	2	4		38
5	4	3	3	5		6	6	4	5		36
6	4	2	2	1		3	4	3	3		22
7	2	2	2	2		I	2	2	6		19
8	5	2	I	I		I	3	6	6		25
(9)	5	3	I	0		I	I	I	0		I2
10	I	2	2	3		3	3	3	4		2I
(11)	I	I	I	I		2	3	0	2		II
12	I	2	2	2		3	3	5	6		24
13	4	2	I	2		3	3	2	2		I9
14	2	2	I	2		2	4	4	7		24
15	6	4	2	2		5	4	4	5		32
16	6	7	3	2		2	2	2	I		25
17	4	2	2	3		2	I	5	5		24
(18)	3	I	I	2		2	I	2	3		I5
(19)	I	I	I	2		2	2	2	I		I2
(20)	I	0	0	0		0	0	I	0		2
(21)	I	I	I	2		5	5	4	5		24
22	7	7	3	6		4	4	6	6		43
23	5	6	3	5		5	5	5	4		38
24	5	4	2	3		3	3	3	4		27
25	8	6	6	6		6	6	7	6		5I
26	5	3	I	2		I	2	4	5		23
27	5	5	2	2		3	4	6	5		32
28	7	5	5	4		4	3	5	6		39
29	6	5	4	4		4	5	7	7		42
30	6	4	3	5		5	2	4	4		33
31											

65820W 464

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *doporskaya (murmansk)* SCALE VALUES IN KILOMETERS
 MONTH *may* 19 *79* IN Y/MM
 RANGE FOR K=9 *2500* Y D..... H..... Z.....

GR	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	4	2	3	2	2	5	6	29
2	6	5	3	3	3	3	3	2	28
3	3	3	1	2	3	2	2	5	21
4	5	1	1	2	2	2	3	5	21
5	3	2	2	2	2	2	3	1	17
(6)	1	1	1	2	1	2	0	1	9
7	1	1	2	3	3	3	4	3	20
8	1	2	2	2	2	2	3	2	16
9	1	2	2	3	4	4	6	5	27
(10)	2	1	1	1	2	2	3	2	14
11	3	2	3	3	5	5	3	5	29
12	4	2	2	3	3	2	3	2	21
13	2	2	2	2	2	2	2	1	15
14	2	2	2	3	4	3	4	4	24
15	2	2	3	3	3	2	4	4	23
(16)	2	3	2	1	1	0	1	0	10
(17)	1	1	1	1	0	1	0	0	5
18	1	0	1	2	2	2	3	5	16
19	6	3	3	5	5	3	4	4	33
20	4	5	3	3	4	3	4	4	30
21	1	1	2	3	4	3	6	5	25
22	6	5	3	5	4	6	6	6	40
23	6	3	2	2	1	1	5	5	25
24	6	4	4	3	5	3	4	6	35
25	6	6	3	5	5	6	7	6	44
26	7	5	4	3	4	5	4	4	36
27	4	3	3	4	4	5	5	4	32
28	4	3	2	1	2	2	4	4	22
29	3	1	1	3	4	2	5	8	27
30	4	3	2	2	2	1	1	0	15
(31)	0	1	1	2	2	1	2	0	9

08753n 40A

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Loparskaya (Murmansk)* SCALE VALUES OF THE INDICES IN GEOMAGNETIC UNITS

MONTH *July* 19 *79*

IN Y/MM

RANGE FOR K=9... *2500*... 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	I	2	3	I	I	I	I	12
2	2	I	I	I	I	0	0	0	6
3	0	I	I	5	3	4	3	5	22
4	4	3	3	2	2	I	I	I	17
5	I	2	2	3	2	3	2	2	17
6	I	2	3	4	3	I	6	6	26
7	6	3	2	2	6	6	5	3	33
8	2	2	2	2	4	4	3	5	24
9	I	I	I	3	2	4	2	I	15
10	I	I	0	2	2	2	3	3	14
11	I	I	2	2	0	I	I	2	10
12	I	I	0	I	2	4	4	3	16
13	4	4	2	3	5	6	4	3	31
14	3	I	I	3	2	2	4	6	22
15	5	3	2	3	2	4	3	5	27
16	4	3	3	2	2	2	3	5	24
17	5	3	2	3	4	3	I	6	27
18	6	3	3	3	2	2	5	6	30
19	6	3	2	I	3	2	I	6	24
20	I	2	I	5	5	3	4	6	27
21	3	3	I	2	3	3	2	4	21
22	3	2	2	2	I	I	I	I	13
23	I	2	2	I	2	I	2	3	14
24	2	2	I	I	2	I	I	2	12
25	I	2	2	I	I	0	I	0	8
26	0	I	I	2	I	I	5	6	17
27	6	5	I	3	3	3	4	5	30
28	4	4	I	I	I	I	I	I	14
29	I	2	2	3	3	5	4	5	25
30	5	2	2	3	3	2	3	I	21
31	0	I	0	2	I	I	I	I	7

68756 n 48*

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *doposkaya (murmansk)* SCALE VALUES OF VARIOMETERS
 MONTH *august 79* IN Y/MM
 RANGE FOR K=9 *2500* D..... H..... Z.....

GR	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	I	0	0	4	4	4	5	6	24
2	6	2	2	2	2	3	2	0	19
3	2	3	2	3	4	3	I	4	22
4	3	3	3	4	5	3	6	4	31
5	I	2	2	2	I	2	5	4	19
6	4	3	3	4	4	3	3	3	27
7	3	2	2	3	3	4	5	5	27
8	4	2	2	2	2	3	3	3	21
9	3	2	I	2	2	2	3	I	16
10	0	I	2	2	3	3	3	3	17
11	2	0	I	2	2	2	2	5	16
12	5	I	2	3	I	2	4	7	25
13	5	2	2	6	6	6	6	7	40
14	6	2	2	I	2	2	3	3	21
15	0	I	I	I	I	I	2	2	9
16	I	I	2	I	2	I	0	I	9
17	2	I	2	I	I	2	3	0	12
18	I	2	I	I	2	I	5	7	20
19	7	4	4	4	4	4	4	5	36
20	5	3	3	4	4	6	6	5	36
21	6	5	3	4	4	2	5	4	33
22	3	2	3	3	3	2	4	3	23
23	I	0	2	I	2	I	I	I	9
24	0	I	I	0	I	3	5	4	15
25	I	I	2	6	5	4	6	5	30
26	5	3	3	2	3	2	5	2	25
27	2	I	2	4	3	3	4	2	21
28	4	2	2	3	3	3	I	5	23
29	3	5	4	5	6	7	7	6	43
30	6	4	3	3	2	I	I	I	21
31	I	I	I	3	4	2	5	5	22

02046 n 48*

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Loparskaja (murmansk)* SCALE *1000* VARIOMETERS
 MONTH *October* 19 *79* IN Y/MM
 RANGE FOR K=9 *2500* 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	6	2	I	3	3	4	0	I	20
2	I	0	0	2	2	4	5	6	20
3	4	4	3	I	I	4	4	2	23
4	4	2	2	4	I	I	I	0	15
5	0	0	I	I	3	3	5	5	18
6	4	3	3	4	5	5	3	4	31
7	4	4	3	3	6	6	6	6	38
8	6	5	3	5	5	I			25
9			4	4	4	5	5	5	27
10	5	5	2	2	4	I	5	5	29
11	I	I	I	3	3	4	I	2	16
12	0	I	0	2	2	4	6	5	20
13	4	I	2	2	I	2	3	5	20
(14)	2	I	I	2	I	2	0	0	9
15	0	I	I	2	4	4	4	4	20
16	3	2	2	2	2	0	2	0	13
(17)	0	0	I	0	0	0	0	2	3
(18)	I	0	0	0	0	0	0	2	3
19	I	0	0	0	I	I	0	3	6
(20)	3	0	I	2	I	I	2	I	11
21	0	2	I	2	I	3	4	5	18
22	5	3	3	3	2	4	4	3	27
23	2	I	I	2	2	3	4	3	18
24	4	2	2	2	4	4	3	2	23
25	I	2	4	2	3	4	5	4	25
26	3	2	I	I	2	2	3	3	17
(27)	I	I	I	I	I	I	3	4	13
28	I	I	0	3	4	I	2	6	18
29	5	4	I	I	I	3	6	4	25
30	3	I	I	I	I	I	0	0	8
31	I	0	I	I	I	3	3	4	14

Мурманск $K_0=2500$

Суточные характеристики

59816 и 46* -11) ноябрь 1979г.

Дата	Амплитуды			Характер С	K индекс									Дата
	ΔD	ΔH	ΔZ		0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24	ΣK	
1					4	3	2	3	3	4	5	6	30	
2					4	4	2	3	3	4	3	2	25	
3					0	0	I	2	0	4	6	6	19	
4					5	3	I	I	2	2	3	3	20	
5					0	0	0	0	0	0	2	0	2	
6					0	0	0	0	0	0	0	0	0	
7					0	I	0	I	2	4	5	5	18	
8					4	2	2	4	4	I	0	I	18	
9					3	I	2	I	5	6	6	6	30	
10					I	2	I	0	0	0	2	5	II	
11					3	2	I	I	I	2	2	0	12	
12					0	0	I	I	I	2	3	I	9	
13					6	6	3	5	5	6	7	6	44	
14					6	5	2	I	I	I	0	0	16	
15					0	0	0	0	I	0	0	0	I	
16					I	2	2	2	3	5	3	4	22	
17					4	2	I	I	0	0	3	I	12	
18					3	I	0	I	0	0	0	0	5	
19					0	0	0	I	2	I	3	4	II	
20					2	0	I	I	3	4	I	3	15	
21					3	3	0	0	I	I	I	0	9	
22					0	0	0	0	0	0	0	0	0	
23					0	0	0	I	I	I	2	4	9	
24					3	4	3	3	4	4	5	6	32	
25					5	6	2	I	I	0	3	0	18	
26					0	0	I	0	0	0	4	2	7	
27					2	I	0	0	0	I	I	0	5	
28					I	0	0	0	0	0	0	0	I	
29					0	0	0	0	0	I	3	2	6	
30					I	0	3	2	3	3	3	2	17	
31														
Среднее														