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

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Kazan*.....
MONTH *January* 19 *79*
RANGE FOR K*9..... *550* Y

SCALE-VALUES OF VARIOMETERS
IN Y, MM
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)	-	-	2	2		3	0	1	3	-
2	2	2	2	3		3	5	5	4	26
3	3	3	2	2		4	4	5	3	26
4	4	4	3	4		5	5	6	5	36
5	4	2	3	3		2	5	4	3	26
6	4	2	3	3		4	5	3	3	27
7	2	1	3	3		5	6	6	4	30
8	3	3	3	2		1	1	3	3	13
9	3	4	3	2		3	3	3	2	23
10	2	2	1	2		1	1	2	2	13
11	1	1	1	2		2	1	1	0	9
12	1	2	2	2		3	2	2	4	18
13	3	1	1	2		2	2	1	1	13
14	1	2	2	3		3	2	2	1	16
15	1	1	2	3		3	4	5	4	23
16	3	2	2	3		4	2	1	2	19
17	1	1	2	2		1	3	3	3	16
18	3	2	1	3		2	4	3	2	20
19	4	3	3	3		2	3	2	3	23
20	3	2	2	2		3	4	4	1	21
21	3	4	2	3		4	4	3	2	25
22	1	1	2	2		3	1	5	5	20
23	2	2	3	4		4	5	6	5	31
24	5	4	3	4		2	3	2	3	26
25	5	5	4	4		5	5	4	3	35
26	4	3	3	3		3	5	5	3	31
27	3	4	3	2		2	4	4	4	26
28	2	2	2	4		2	2	5	1	20
29	3	3	2	2		3	3	2	3	21
30	3	2	3	3		3	2	3	4	23
31	4	2	3	3		2	2	3	3	22

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY... *Kazan (railway)* SCALE-VALUES OF VARIOMETERS
 MONTH... *March* 19... *79* IN Y/MM
 RANGE FOR K=9..... *550* Y D..... H..... Z.....

GR	K- INDICES FOR THREE-HOUR INTERVAL									
	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	SUM
1	3	3	3	3		3	3	3	2	23
2	4	3	3	3		3	3	4	3	26
3	4	2	3	2		3	4	3	3	24
4	4	3	3	4		3	4	4	4	29
5	3	3	4	3		1	1	3	2	20
6	3	3	3	4		5	5	4	4	31
7	2	3	3	1		2	2	3	3	19
8	2	3	2	3		3	2	3	3	21
9	3	2	3	3		3	2	3	4	23
10	4	4	4	3		4	6	6	6	37
11	5	3	3	3		3	3	3	1	24
12	1	3	2	2		1	2	3	1	15
13	1	3	3	2		2	2	0	1	14
14	1	1	0	1		0	0	1	1	5
15	1	2	3	2		3	3	2	3	19
16	2	3	2	3		3	2	2	2	19
17	3	3	4	3		4	2	2	3	24
18	2	3	3	2		3	2	1	1	17
19	1	2	3	2		3	3	3	2	19
20	1	2	2	2		2	2	2	3	16
21	0	2	2	1		2	1	3	2	13
22	1	2	3	5		5	5	4	3	28
23	3	3	3	2		2	2	2	3	20
24	2	3	3	2		2	3	3	3	21
25	3	3	3	3		4	3	3	4	26
26	4	4	3	3		4	4	4	4	30
27	2	3	3	3		3	4	4	4	26
28	3	3	4	4		4	5	3	5	31
29	5	4	4	5		5	5	7	6	41
30	4	4	3	2		2	2	2	2	21
31	3	3	2	3		3	3	4	4	25

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INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Kozon*

SCALE-VALUES OF VARIOMETERS

MONTH *May* 550¹⁹ 79

N Y MM

RANGE FOR K=9..... 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	3	3	3	3		2	2	3	4		23
2	5	5	3	2		3	3	3	2		26
3	3	3	3	2		3	2	3	2		21
(4)	3	2	2	2		2	2	4	3		20
5	2	2	3	2		2	2	2	1		16
(6)	1	2	3	3		2	2	2	2		17
7	2	2	2	3		4	3	4	2		22
8	1	2	3	3		2	3	2	2		18
9	2	3	3	4		4	3	4	3		26
10	2	2	3	2		2	3	2	2		18
11	2	3	4	3		4	4	3	4		27
12	3	3	3	3		3	2	2	2		21
13	2	2	3	2		3	3	2	2		19
14	2	2	2	3		4	3	2	2		20
15	2	2	3	3		3	3	2	3		21
16	2	2	3	2		2	2	2	1		16
(17)	1	2	2	2		1	1	0	0		9
18	1	1	2	3		3	3	3	3		19
19	4	4	3	4		3	3	3	3		27
20	2	4	3	2		3	2	4	3		23
21	2	3	2	3		4	2	5	3		24
22	5	4	2	4		3	4	4	4		30
23	3	3	2	3		2	2	3	3		21
24	4	3	4	4		4	3	3	4		29
25	4	4	4	4		4	5	4	3		32
26	4	3	3	3		4	5	3	3		28
27	3	3	3	3		4	3	2	2		23
28	2	3	3	3		3	3	4	3		24
29	2	2	2	3		3	3	4	6		25
30	4	4	3	2		2	2	1	2		20
31	2	2	2	3		2	3	2	1		17

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INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *30imishche (Razan)* NUMBER OF VARIOMETERSMONTH *July* 19 *79*

IN Y-MM

RANGE FOR K=9.....550 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	3	2	3	3	2	3	2	2	20
2	3	2	1	2	2	2	2	2	16
3	1	2	4	5	4	3	3	3	25
4	3	3	3	2	2	2	2	2	19
5	1	2	3	3	3	3	3	2	20
6	2	2	3	4	3	2	5	4	25
7	4	3	3	2	5	4	3	2	26
8	2	3	3	3	3	3	3	3	23
9	2	3	2	2	2	3	2	2	18
10	2	2	3	3	3	2	2	2	19
11	2	2	3	2	2	1	2	2	16
12	3	2	3	3	3	4	4	2	24
13	3	4	3	3	3	4	2	1	23
14	3	3	3	3	3	2	4	4	25
15	4	3	3	3	3	2	3	3	24
16	3	2	3	2	2	3	3	3	21
17	3	3	3	3	3	2	2	5	24
18	4	3	3	4	3	3	3	4	27
19	3	3	2	3	3	2	2	3	21
20	2	3	2	4	4	4	3	4	26
21	2	3	3	3	2	3	3	3	22
22	3	3	3	2	2	2	2	1	18
23	2	4	3	3	2	2	2	2	20
24	2	3	3	2	3	2	2	2	19
25	3	3	2	2	2	2	1	1	16
26	1	2	3	3	2	2	4	5	22
27	6	3	3	4	3	4	3	3	29
28	3	3	3	2	2	2	3	3	21
29	4	5	3	4	4	4	5	5	34
30	3	3	3	3	3	2	2	2	21
31	2	3	3	3	2	2	2	2	19

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INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY: *Zaimishche (Kazan)* NUMBER OF VARIOMETERS

MONTH: *August* 19 *79*

IN Y MM

RANGE FOR K=9..... 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	2	3	2	4		5	3	3	3		25
2	3	3	3	3		2	3	2	1		20
3	2	4	3	4		3	2	2	3		23
4	3	3	3	4		4	3	4	3		27
5	2	2	3	3		2	2	3	3		20
6	3	3	4	4		4	3	3	2		26
7	2	3	3	3		3	2	4	3		23
8	2	3	2	2		3	2	4	2		20
9	2	3	2	2		2	2	2	2		17
10	0	2	2	2		2	3	3	2		16
11	3	3	2	2		2	3	3	4		22
12	3	3	3	3		2	2	3	4		23
13	3	3	3	5		6	6	6	5		37
14	3	2	2	2		2	2	3	2		18
15	1	2	2	2		2	2	2	2		15
16	2	2	3	2		2	1	2	2		16
17	2	2	3	2		2	3	3	1		18
18	1	3	2	2		2	3	3	4		20
19	5	4	4	5		4	5	3	4		34
20	3	3	4	4		3	6	6	3		32
21	3	3	3	3		4	3	3	3		25
22	2	3	3	2		4	3	3	2		22
23	2	2	3	3		3	2	2	2		19
24	2	2	2	2		3	4	3	3		21
25	2	3	4	4		3	4	4	4		28
26	4	2	4	3		2	3	3	1		21
27	3	2	4	3		2	3	3	1		21
28	3	2	3	3		3	3	2	2		21
29	2	4	5	5		6	6	7	6		41
30	4	4	3	2		2	2	2	2		21
31	2	3	3	3		3	2	3	3		22

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INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *rainwa (Kazan)* SCALE-VALUES OF VARIOMETERS
 MONTH *october* 19 *75* IN Y MM
 RANGE FOR K=9 *550* Y D..... H..... Z.....

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

