

Use. 63636-III

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INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Mirny*
 MONTH *January* 19 *78*
 RANGE FOR K=9 *2000* Y

SCALE-VALUES OF VARIOMETERS

IN Y/MM

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	4	5	3		2	2	3	3	25	
2	4	5	5	4		2	0	2	2	24	
3	3	3	3	-		-	-	-	-	9	
4	4	5	5	7		5	4	7	4	41	
5	5	5	4	5		5	5	4	4	37	
6	6	5	6	4		3	3	3	4	34	
7	3	4	4	3		3	4	2	4	27	
8	4	4	3	4		4	4	2	3	28	
9	3	5	4	4		4	4	3	4	31	
10	5	5	4	3		3	4	2	3	29	
11	3	5	4	3		3	3	2	3	26	
12	3	3	3	1		2	1	2	3	18	
13	3	4	4	3		3	3	2	2	24	
14	3	3	3	3		1	1	0	2	16	
15	2	2	3	4		2	1	1	2	17	
16	2	3	3	3		4	3	3	2	23	
17	3	5	3	3		2	2	1	2	21	
18	3	5	5	5		3	1	1	2	25	
19	3	3	4	3		3	2	2	2	22	
20	3	4	4	3		3	2	1	2	22	
21	2	2	2	2		0	1	1	1	11	
22	3	2	3	4		3	1	1	1	18	
23	2	3	3	2		1	1	1	2	15	
24	3	3	3	2		3	2	2		18	
25	2	5	5	3		3	2	3	4	27	
26	5	4	5	5		2	2	2	3	28	
27	3	4	3	3		2	1	2	2	20	
28	2	3	3	3		2	3	3	4	23	
29	4	5	5	6		4	5	3	3	35	
30	5	5	6	5		4	2	2	3	32	
31	3	5	5	5		4	4	4	3	33	

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Mirny*
 MONTH *February* 19 *78*
 RANGE FOR K=9..... *2000* γ

SCALE-VALUES OF VARIOMETERS

IN Y/MM

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	3	5	4		3	3	3	4	28	
2	3	4	4	5		2	I	2	3	24	
3	4	5	5	5		4	4	3	2	32	
4	4	4	4	4		2	2	2	2	24	
5	4	4	5	6		3	3	3	3	M3I	
6	4	4	5	4		3	3	3	3	29	
7	3	3	3	3		2	3	3	2	22	
8	4	4	4	4		4	2	2	2	26	
9	2	4	5	4		4	3	2	3	27	
10	3	4	4	3		3	I	2	2	22	
11	3	4	4	3		I	I	I	2	I9	
12	2	3	4	2		2	2	3	4	22	
13	4	4	4	3		2	2	2	3	24	
14	3	3	4	4		4	3	3	5	29	
15	5	8	7	6		5	3	3	3	40	
16	3	3	5	5		5	2	3	4	30	
17	4	4	3	3		2	2	2	2	22	
18	3	6	5	4		3	3	3	3	30	
19	4	4	5	4		3	2	3	3	28	
20	3	4	5	5		3	2	2	3	27	
21	3	4	4	3		2	3	3	3	25	
22	3	5	6	3		3	3	3	3	29	
23	3	4	4	3		2	I	I	2	20	
24	3	3	3	4		3	2	I	2	2I	
25	3	4	3	4		3	0	3	3	23	
26	5	5	6	6		5	5	4	3	39	
27	5	4	6	4		5	6	4	5	39	
28	4	5	5	6		4	5	5	4	38	
29											
30											
31											

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МАРТ 1978 г. МИРНЫЙ

K₉=2000

Суточные характеристики

Дата	Амплитуды			Характер С	К индекс									Дата
	ΔD	ΔH	ΔZ		0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24	ΣK	
1	-				4	4	5	4	4	4	5	3	33	I
2					4	5	6	4	3	2	3	3	30	2
3					4	5	4	4	2	4	3	3	29	3
4					2	2	I	2	I	0	0	I	9	4
5					2	3	3	4	3	2	2	2	2I	5
6					2	2	2	4	3	2	I	I	I7	6
7					2	3	3	3	2	3	I	2	I9	7
8					2	2	3	2	2	3	4	4	22	8
9					3	5	5	4	3	2	3	3	28	9
10					2	4	4	4	4	2	I	I	22	10
11					2	3	3	4	2	2	2	3	2I	11
12					3	3	4	2	I	I	I	I	I6	12
13					3	4	3	3	2	2	3	2	22	13
14					4	4	5	3	3	3	3	5	29	14
15					5	5	5	4	2	3	3	3	30	15
16					3	4	4	3	3	2	3	3	25	16
17					4	4	5	4	3	4	5	3	32	17
18					3	4	5	4	2	3	5	3	29	18
19					3	4	4	4	3	5	I	3	27	19
20					3	4	4	3	3	2	2	2	23	20
21					3	3	4	3	2	2	I	2	20	21
22					2	3	5	4	3	2	3	3	25	22
23					4	5	4	3	2	2	I	I	22	23
24					2	4	3	2	I	I	2	2	I7	24
25					2	2	3	I	I	0	0	2	II	25
26					3	3	3	I	2	3	4	2	2I	26
27					4	4	5	4	4	5	5	4	35	27
28					4	4	4	4	3	3	2	I	25	28
29					4	4	5	4	3	3	2	2	27	29
30					2	3	4	3	3	2	I	2	20	30
31					2	3	3	3	2	4	2	2	2I	31
Среднее														

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY. *mirny*
 MONTH. *april* 19 *78*
 RANGE FOR K=9.....2000 Y

SCALE-VALUES OF VARIOMETERS

IN Y/MM

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	4	3		2	2	3	2	22
2	3	4	3	3		2	2	5	5	27
3	4	4	5	4		3	2	3	3	28
4	4	4	5	4		2	4	4	5	32
5	4	4	4	3		2	I	6	3	27
6	3	4	4	4		3	I	I	2	22
7	3	2	2	3		2	0	I	I	I4
8	2	3	3	2		I	2	3	2	I8
9	3	3	4	3		2	I	I	2	I9
10	2	3	2	I		3	3	3	5	22
11	5	6	6	4		2	3	5	6	37
12	4	4	5	4		3	3	5	5	33
13	3	3	4	4		5	5	6	6	36
14	4	4	4	5		4	3	5	3	32
15	4	3	4	4		3	4	2	2	26
16	3	3	3	3		2	I	2	2	I9
17	3	2	3	3		2	I	I	2	I7
18	3	4	4	3		2	2	3	2	23
19	3	5	5	4		4	4	6	3	34
20	4	4	4	4		2	4	I	2	25
21	3	4	4	2		3	I	2	2	2I
22	2	3	3	2		2	I	2	3	I8
23	3	3	4	3		3	4	3	6	29
24	3	5	5	3		3	4	5	6	34
25	5	4	5	3		3	4	5	2	3I
26	4	4	4	3		2	3	6	2	28
27	3	3	4	3		2	5	3	3	26
28	3	4	4	3		2	I	3	2	22
29	2	3	3	3		2	2	2	3	20
30	3	3	6	6		5	7	5	5	40
31										

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY. *mirny*

SCALE-VALUES OF VARIOMETERS

MONTH. *may* 19 *78*

IN Y/MM

RANGE FOR K=9.....2000. 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	5	6	6		5	3	6	7	42	
2	5	5	5	4		5	3	5	4	36	
3	5	5	5	4		4	3	5	6	47	
4	7	5	4	4		3	3	5	2	33	
5	3	4	4	2		I	I	2	3	20	
6	2	2	2	I		I	I	I	2	I2	
7	2	4	3	2		I	I	4	3	20	
8	3	3	3	3		3	2	2	3	22	
9	4	5	6	4		4	3	5	3	34	
10	3	3	3	2		2	2	2	5	22	
11	3	4	3	2		2	2	5	3	24	
12	2	3	3	3		3	2	4	3	23	
13	4	3	4	I		2	I	I	2	I8	
14	2	3	3	2		I	2	3	2	I8	
15	2	2	2	2		2	I	I	I	I3	
16	2	3	3	2		2	3	3	I	I9	
17	2	3	3	2		I	I	I	3	I6	
18	3	3	3	2		I	2	I	I	I6	
19	I	2	3	2		2	I	0	I	I2	
20	I	2	3	I		0	I	3	I	I2	
21	2	3	3	2		2	I	3	4	20	
22	4	3	4	3		2	3	3	3	25	
23	3	3	3	3		2	3	3	4	24	
24	4	4	4	3		3	3	2	3	26	
25	4	4	3	2		2	I	I	5	22	
26	2	3	3	3		2	I	4	I	I9	
27	2	3	3	2		I	I	I	2	I5	
28	2	3	3	I		2	I	3	I	I6	
29	2	2	2	I		2	I	I	3	I4	
30	4	4	3	3		2	2	I	I	20	
31	3	3	3	I		3	I	I	I	I6	

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INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY... *M.L. 2ny*
 MONTH... *June* 19... *78*
 RANGE FOR K=9..... 2000 Y

SCALE-VALUES OF VARIOMETERS

IN Y/MM

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	3	4	3		2	2	2	4	22
2	4	4	6	6		5	5	7	3	40
3	4	4	4	3		2	2	7	I	27
4	3	3	3	2		4	2	3	7	27
5	5	4	3	3		2	I	I	3	22
6	3	2	4	3		3	2	4	5	26
7	3	3	3	2		2	I	5	3	22
8	2	3	4	I		I	2	4	I	I8
9	I	3	3	2		I	I	0	2	I3
10	3	2	5	4		3	3	2	3	25
11	3	3	4	3		2	2	I	I	I9
12	I	4	3	3		2	2	6	4	25
13	2	4	3	3		2	2	I	I	I8
14	I	2	3	I		2	2	4	I	I6
15	3	2	3	3		2	I	0	2	I6
16	2	I	3	I		2	2	I	2	I4
17	2	3	3	2		2	2	2	I	I7
18	2	3	3	3		3	2	I	I	I8
19	2	3	3	2		2	3	3	3	2I
20	3	3	3	2		2	I	I	2	I7
21	3	3	4	4		3	4	6	3	30
22	4	4	3	3		3	2	6	3	28
23	3	3	3	2		3	6	6	4	30
24	3	3	3	2		3	2	3	2	2I
25	3	4	4	4		2	7	6	4	34
26	3	4	3	3		4	4	3	3	27
27	2	3	2	2		2	2	3	2	I8
28	3	3	3	2		2	2	I	I	I7
29	2	2	3	3		3	I	3	6	23
30	4	3	3	3		2	2	6	I	24
31										

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY. *Mirny*
 MONTH. *JULY* 19 *78*
 RANGE FOR K=9. *2000*

SCALE-VALUES OF VARIOMETERS

IN Y/MM

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	3	3	2		2	2	0	I	I5
2	2	2	3	2		I	I	2	I	I4
3	2	2	2	2		2	I	4	3	I8
4	4	4	4	5		4	5	2	5	33
5	5	4	4	3		2	3	4	4	29
6	2	2	4	2		2	6	6	I	25
7	3	3	3	3		2	5	5	3	27
8	2	3	3	2		2	3	2	I	I8
9	2	2	3	2		2	2	I	I	I5
10	2	3	3	2		2	2	2	2	I8
11	2	3	2	2		I	I	0	I	I3
12	I	I	2	I		2	I	I	I	I0
13	2	5	5	4		3	2	2	3	26
14	4	4	4	3		2	3	6	4	30
15	2	3	3	I		0	0	I	2	I2
16	3	2	I	I		I	I	I	I	II
17	I	3	3	2		2	I	I	I	I4
18	2	3	2	2		3	4	4	6	26
19	3	4	4	2		I	I	I	I	I7
20	2	2	3	2		I	I	I	2	I4
21	2	3	3	2		2	I	I	I	I5
22	2	3	3	2		I	I	2	3	I7
23	3	3	4	I		I	I	4	3	20
24	2	2	3	I		I	2	2	3	I6
25	3	3	3	I		2	I	3	2	I8
26	2	3	3	I		I	I	I	I	I3
27	2	2	I	I		I	0	I	2	I0
28	2	2	3	3		2	I	0	I	I4
29	I	2	2	I		I	I	I	2	II
30	2	2	2	I		I	I	I	I	II
31	I	I	I	0		0	I	I	I	6

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY... *mirny* ...

SCALE-VALUES OF VARIOMETERS

MONTH... *August* ... 19... *78*

IN Y/MM

RANGE FOR K=9..... *2000* 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	I	2	2	2	x	I	I	I	I	II
2	2	2	2	0		0	0	2	I	9
3	2	3	4	3		3	3	5	3	26
4	3	4	4	3		2	3	5	4	28
5	2	3	4	3		3	2	6	5	28
6	3	3	4	2		3	3	5	2	25
7	3	3	3	3		2	I	4	3	22
8	I	3	3	2		I	2	2	0	I4
9	2	3	3	2		I	I	I	2	15
10	2	3	3	2		I	2	3	I	I7
11	2	3	2	3		2	4	2	2	20
12	3	3	3	3		4	2	3	3	24
13	2	4	4	3		3	2	2	2	22
14	3	3	4	3		2	I	0	I	I7
15	2	2	3	I		I	I	2	0	I2
16	I	I	2	I		I	I	2	2	II
17	2	3	3	3		3	2	2	I	I9
18	4	3	3	2		2	2	6	4	26
19	3	3	4	3		2	2	I	I	I9
20	2	3	3	0		0	0	2	I	II
21	2	3	3	I		0	2	0	3	I4
22	3	3	2	I		I	0	0	I	II
23	3	3	3	2		I	0	I	2	I5
24	3	3	3	2		I	0	I	I	I4
25	2	3	3	3		2	2	2	I	I8
26	2	2	2	I		I	I	2	I	I2
27	3	4	4	3		3	3	2	4	26
28	5	3	5	6		4	4	4	4	35
29	4	4	4	4		4	5	5	3	33
30	3	4	4	3		4	3	6	5	32
31	4	4	4	4		4	8	6	4	38

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INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY. *Mirny*

SCALE-VALUES OF VARIOMETERS

MONTH. *September* 19 *78*

IN Y/MM

RANGE FOR K=9.....*2000* 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	3	5	3		3	4	4	3	28
2	3	4	4	4		3	2	6	5	31
3	3	4	3	3		3	2	5	3	26
4	2	3	3	2		1	1	2	2	16
5	3	3	3	2		2	2	4	3	22
6	2	5	4	3		2	1	1	1	19
7	1	3	2	2		1	1	1	3	14
8	3	5	5	2		1	1	1	2	20
9	4	4	4	3		3	5	3	3	29
10	3	4	4	3		3	2	1	1	21
11	2	2	2	3		4	4	2	2	21
12	4	3	4	3		3	2	2	2	23
13	2	3	4	2		1	2	2	2	18
14	4	3	3	2		1	1	1	1	16
15	1	2	3	3		1	0	0	2	12
16	3	4	4	2		1	1	2	2	19
17	3	3	4	2		0	1	1	1	15
18	1	2	1	2		1	0	1	1	9
19	2	3	2	1		0	0	1	1	10
20	2	2	1	2		0	0	2	2	11
21	2	5	4	2		1	1	1	2	18
22	3	4	5	3		2	3	3	2	25
23	3	4	4	3		3	3	2	3	25
24	3	4	5	3		3	3	3	4	28
25	4	4	6	6		4	5	5	3	37
26	3	4	5	5		4	4	4	3	32
27	5	5	6	5		3	7	6	6	43
28	5	4	5	4		5	3	3	6	35
29	4	6	5	5		5	4	3	3	35
30	2	5	5	3		1	3	6	2	27
31										

66189-14
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INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Mirny*
MONTH *October* 19 *78*
RANGE FOR K=9.....*2000* Y

SCALE-VALUES OF VARIOMETERS

IN Y/MM

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

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Mirny* ...
MONTH *November* 19 *78*
RANGE FOR K=9 *2000* .. Y

SCALE-VALUES OF VARIOMETERS

IN Y/MM

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	I	3	5	4		3	2	2	3	23
2	2	3	5	4		3	3	I	2	23
3	3	4	4	-		3	3	3	3	23
4	3	5	5	3		2	I	I	2	22
5	3	4	3	3		2	I	I	2	I9
6	2	2	3	3		I	3	2	2	I8
7	3	2	2	2		I	I	3	4	I8
8	5	6	5	4		3	2	2	3	30
9	3	4	6	5		2	2	I	3	26
10	4	4	3	3		2	4	3	4	27
11	4	5	4	3		I	I	3	3	24
12	6	6	7	7		5	3	5	5	44
13	4	5	5	4		4	3	3	2	30
14	2	3	3	3		3	3	2	3	22
15	4	6	5	4		I	3	2	3	28
16	3	3	4	3		3	3	2	3	24
17	2	3	3	3		3	2	2	3	2I
18	3	4	3	3		3	2	I	3	22
19	4	5	4	4		3	3	2	3	28
20	4	6	6	4		3	4	3	4	34
21	3	5	6	4		3	3	2	4	30
22	4	5	5	5		4	5	3	3	34
23	3	3	3	4		4	3	3	3	26
24	3	5	4	4		5	3	3	3	30
25	4	5	4	4		5	5	4	4	35
26	4	5	6	6		3	4	4	3	35
27	3	5	6	5		3	4	3	3	32
28	3	3	4	3		3	2	I	2	2I
29	2	3	3	4		3	3	2	2	22
30	2	3	3	3		2	I	2	3	I9
31										

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Mirny*
MONTH *December* 19 *78*
RANGE FOR K=9.....2000 Y

SCALE-VALUES OF VARIOMETERS
IN Y/MM
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	5	5	5		4	2	I	2	28
2	4	4	3	2		2	0	I	3	19
3	3	4	3	3		2	2	2	3	22
4	5	5	5	5		3	3	3	3	32
5	5	4	3	4		2	2	2	4	26
6	3	4	5	4		3	2	3	3	27
7	3	3	3	2		2	2	2	3	20
8	3	3	3	4		2	2	4	2	23
9	2	3	3	2		2	2	2	2	18
10	4	4	3	2		2	I	2	2	20
11	3	3	I	I		I	I	I	2	I3
12	2	2	3	4		3	2	2	3	2I
13	4	4	4	3		2	2	2	3	24
14	5	6	7	5		5	2	4	4	38
15	5	5	4	4		3	3	3	3	30
16	3	4	4	5		3	3	3	3	28
17	4	5	5	3		2	2	2	4	27
18	5	6	6	6		5	4	4	5	4I
19	4	6	6	4		5	4	4	3	36
20	4	5	6	5		5	5	4	5	39
21	3	5	5	4		4	3	2	2	28
22	4	7	6	4		5	3	3	3	35
23	3	4	4	3		3	3	3	2	25
24	2	3	5	3		3	3	2	2	23
25	4	4	4	4		6	5	2	3	32
26	3	5	5	5		3	2	2	3	28
27	4	5	5	5		3	3	3	2	30
28	3	4	4	3		3	4	3	4	28
29	4	5	6	6		5	5	5	4	40
30	4	5	7	6		4	3	5	4	38
31	4	5	5	6		3	3	3	3	32