

Mag. 63607 III n42*

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

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY, HEISS ISLAND
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	2	2		2	3	3	4	23
2	5	4	3	3		2	I	2	2	22
3	2	3	2	2		3	3	4	5	24
4	4	6	6	5		6	5	7	6	45
5	7	5	5	4		3	6	5	4	39
6	7	7	4	3		3	4	5	4	37
7	6	5	2	2		4	7	3	5	34
8	6	6	3	3		6	7	3	4	38
9	4	5	4	4		4	7	6	6	40
10	5	6	4	3		3	6	5	4	36
11	3	4	3	4		3	6	3	3	29
12	3	3	3	I		I	I	3	3	I8
13	3	4	3	3		4	4	4	4	29
14	3	3	2	2		2	2	2	3	I9
15	3	3	2	3		3	2	2	3	2I
16	2	2	3	3		4	3	3	4	24
17	4	4	2	2		2	3	3	4	24
18	4	4	3	3		3	2	I	2	22
19	4	3	3	3		3	3	3	3	25
20	3	3	3	2		2	2	2	2	I9
21	2	2	I	2		I	I	2	2	I3
22	3	2	2	3		3	I	I	I	I6
23	I	2	I	I		I	3	2	2	I3
24	3	2	2	2		2	3	2	3	I9
25	2	3	2	3		3	4	4	4	25
26	5	4	3	4		2	2	3	3	26
27	3	3	3	3		2	I	2	3	20
28	2	3	2	2		2	5	6	4	26
29	4	5	4	4		5	5	5	4	36
30	3	5	4	4		5	6	5	3	35
31	4	5	5	4		3	3	3	4	3I

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY HEISS ISLAND
 MONTH *February* 19 *78*
 RANGE FOR K=9.....*2000* 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	4	5	4	3		4	6	6	5		37
2	5	4	4	4		3	2	3	4		29
3	4	4	4	4		4	4	4	3		31
4	4	5	4	3		3	2	3	3		27
5	6	5	4	4		4	5	5	4		37
6	4	5	4	3		4	4	5	3		32
7	4	3	2	3		2	3	4	4		26
8	3	3	4	3		5	3	3	4		28
9	3	3	3	3		5	3	4	4		28
10	3	3	2	2		2	2	4	3		21
11	3	3	2	3		1	3	2	2		19
12	2	2	2	2		1	3	4	5		21
13	4	5	3	2		2	5	4	4		29
14	4	4	4	4		4	4	5	6		35
15	6	7	7	6		4	3	5	5		43
16	5	3	3	4		4	3	3	5		30
17	6	5	3	3		3	3	4	3		30
18	3	4	4	3		3	4	4	4		29
19	4	4	4	3		3	4	3	6		31
20	5	4	4	3		3	3	4	4		30
21	3	4	3	4		4	4	3	5		30
22	3	4	5	3		4	5	5	4		33
23	4	4	3	3		2	2	2	3		23
24	4	4	3	4		3	4	3	2		27
25	2	4	3	2		2	2	3	5		23
26	5	6	4	5		7	5	6	5		43
27	6	5	5	5		7	7	5	6		46
28	5	5	4	4		5	7	7	5		42
29											
30											
31											

HEISS ISLAND

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	ΣК	
1					5	5	5	5	7	7	6	6	46	I
2					5	5	5	4	4	3	5	4	35	2
3					5	5	4	4	4	5	5	4	36	3
4					5	4	2	2	I	I	I	I	I7	4
5					2	2	3	4	3	4	4	3	25	5
6					2	2	3	4	4	4	2	2	23	6
7					4	4	2	4	4	5	3	3	29	7
8					3	3	3	3	4	4	5	4	29	8
9					4	5	4	4	5	3	4	4	33	9
10					3	3	5	4	5	3	4	3	3I	10
11					3	4	3	3	3	3	4	3	26	26
12					3	3	3	3	2	2	3	3	22	I2
13					4	5	3	3	4	3	5	3	30	I3
14					4	4	2	3	3	3	5	3	27	I4
15					5	5	5	5	4	5	3	4	36	I5
16					5	5	5	4	4	4	4	6	37	I6
17					5	5	5	5	5	7	5	4	4I	I7
18					5	5	4	5	5	5	4	4	37	I8
19					4	5	4	4	5	5	3	3	33	I9
20					5	4	3	4	4	4	4	4	32	20
21					4	4	4	4	3	2	2	3	26	2I
22					4	4	5	4	3	3	4	5	32	22
23					5	5	4	3	4	3	2	2	28	23
24					2	4	3	3	2	2	3	4	23	24
25					4	3	I	2	I	2	2	3	I8	25
26					5	6	4	3	5	5	7	5	40	26
27					5	5	5	5	4	5	3	3	35	27
28					4	4	5	5	6	5	6	5	40	28
29					5	6	4	4	5	5	4	3	36	29
30					4	4	4	4	5	4	3	4	32	30
31					3	4	2	4	4	5	3	3	28	3I
Среднее														

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY. *Heiss is*
 MONTH. *April* 19 *78*
 RANGE FOR K=9.....2000Y

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	5	5	4	4		2	4	4	4	32
2	5	5	4	3		3	4	5	5	34
3	5	6	6	4		4	3	6	6	40
4	6	5	6	3		3	5	5	7	40
5	5	5	4	2		2	4	5	4	31
6	4	4	3	4		4	4	3	3	29
7	3	3	3	3		3	3	3	4	25
8	4	4	3	2		3	3	4	3	26
9	4	4	3	3		3	4	3	3	27
10	3	3	3	2		4	5	4	6	30
11	4	6	6	4		4	5	5	6	40
12	5	5	6	5		3	5	5	4	38
13	4	4	3	5		5	6	5	7	39
14	7	5	6	6		5	5	4	4	42
15	5	5	5	4		5	6	3	4	37
16	4	5	4	4		4	2	4	4	31
17	4	4	4	4		2	2	2	4	26
18	6	7	5	3		3	4	4	5	37
19	3	7	6	5		7	6	5	5	38
20	5	7	5	5		4	5	4	5	40
21	4	5	4	4		4	3	3	3	30
22	3	5	3	4		3	2	3	4	27
23	5	5	5	5		5	7	4	6	42
24	5	7	7	6		6	7	5	6	49
25	6	5	5	5		4	4	4	4	37
26	4	5	5	5		4	5	5	3	36
27	3	5	5	4		3	6	4	4	34
28	5	5	5	5		4	3	5	4	36
29	4	4	4	5		4	3	3	5	32
30	5	5	4	8		7	6	6	6	47
31										

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INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY. *Heiss is*
 MONTH. *may* 19 *78*

SCALE-VALUES OF VARIOMETERS

IN Y/MM

RANGE FOR K=9.....**I000** 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	4	6	6	7		8	4	8	9	52
2	8	6	7	8		8	6	5	6	54
3	4	6	6	8		8	7	8	8	55
4	7	6	9	8		8	7	7	4	56
5	2	2	2	2		2	2	4	5	2I
6	2	2	2	2		I	I	I	3	I4
7	2	3	2	2		3	4	6	2	24
8	3	2	2	6		5	5	4	3	30
9	4	5	8	8		8	8	6	5	52
10	I	3	3	2		4	4	3	4	24
11	3	7	5	5		5	7	6	4	42
12	4	4	4	4		6	6	7	5	40
13	5	3	3	4		4	3	2	3	27
14	3	3	3	4		3	4	4	3	27
15	2	I	I	3		3	4	3	2	I9
16	3	2	3	2		3	4	4	2	23
17	2	3	3	3		4	3	3	4	25
18	2	3	2	3		5	5	3	2	25
19	2	I	2	3		2	I	I	2	I4
20	I	2	3	3		2	2	7	3	23
21	2	3	3	3		4	4	8	9	36
22	6	3	4	4		5	6	7	7	42
23	3	4	5	5		5	5	7	7	4I
24	5	4	6	5		7	6	5	4	42
25	5	4	4	3		5	4	4	4	33
26	3	3	3	5		5	5	5	2	3I
27	I	3	2	3		2	3	I	2	I7
28	2	2	3	4		6	6	6	2	3I
29	2	I	2	3		5	2	3	5	23
30	6	4	6	4		3	4	4	4	34
31	5	3	3	3		3	2	I	2	22

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Heiss is* 8
 MONTH *June* 19...
 RANGE FOR K=9... *1000* 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	4	I	2	2	5	23
2	3	3	5	7	6	7	8	6	45
3	7	6	5	6	4	4	7	3	42
4	3	3	3	4	6	6	6	7	38
5	5	6	4	6	4	3	3	3	34
6	3	2	3	5	3	3	4	3	26
7	3	3	3	3	2	4	6	6	30
8	3	4	4	2	3	6	4	3	29
(9)	2	2	2	2	I	I	I	3	I4
10	2	I	5	6	6	6	5	5	36
11	5	4	6	6	3	I	2	2	29
12	2	3	2	6	6	5	6	3	33
13	2	2	2	4					
(14)	2	2	3	2	4	4	2	-	I9
15	2	2	5	4	4	4	I	2	24
(16)	I	2	2	3	3	I	3	3	I8
17	3	3	3	5	3	5	4	4	30
18	3	3	3	5	5	3	3	3	28
19	3	3	4	5	4	6	6	5	36
20	4	3	4	4	6	3	3	4	3I
21	4	6	6	5	5	6	6	6	44
22	5	4	4	4	4	5	5	4	35
23	4	4	5	5	4	5	8	7	4I
24	5	5	5	5	5	5	4	3	37
25	2	3	5	4	4	4	5	3	30
26	4	6	6	6	7	6	7	8	50
27	4	4	4	3	4	5	6	4	34
28	3	3	4	4	5	5	3	2	29
29	2	2	4	4	4	4	3	9	32
30	7	4	5	7	7	5	6	3	44
31									

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

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY Heilss IS.
MONTH... JULY... 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	4	5	4	4	3	4	31
2	5	4	4	3	3	4	4	3	30
3	3	4	4	4	4	3	3	4	29
4	7	6	7	6	5	6	4	6	47
5	6	5	6	6	5	5	5	4	42
6	5	3	5	3	3	5	5	4	33
7	6	6	3	6	5	5	5	5	41
8	5	4	5	4	5	7	5	4	39
9	5	4	4	4	5	5	5	5	37
10	5	5	6	4	4	3	4	5	36
11	5	4	4	5	4	3	4	3	32
12	3	3	3	3	3	3	4	5	27
13	5	6	6	5	5	4	4	5	40
14	5	6	7	6	6	6	6	4	46
15	5	5	3	2	2	2	3	3	25
16	5	4	2	3	3	4	3	4	28
17	5	5	4	4	3	4	4	4	33
18	5	5	3	3	5	6	4	6	37
19	5	5	5	5	3	3	4	4	34
20	4	4	4	5	3	3	3	4	30
21	4	4	5	4	4	3	2	4	30
22	5	6	4	4	4	3	3	4	33
23	5	6	4	4	2	3	5	5	34
24	4	4	3	3	3	3	3	5	28
25	5	3	4	4	3	2	4	4	29
26	4	5	3	3	3	2	3	4	27
27	3	2	2	4	3	I	3	4	22
28	4	4	5	4	3	2	2	2	26
29	3	3	3	3	3	3	3	4	25
30	4	3	3	3	3	2	3	4	25
31	3	2	2	2	2	2	3	3	19

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY. *Heiss is*
 MONTH. *August* 19 *78*
 RANGE FOR K=9..... *2000* Y

SCALE-VALUES OF VARIOMETERS

IN Y/MM

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	4	4	4		3	3	3	4		28
2	4	2	2	2		2	2	4	4		22
3	3	6	5	4		5	5	5	4		37
4	4	5	5	5		4	5	5	4		37
5	5	5	6	6		5	5	5	5		42
6	5	5	5	4		5	5	4	3		36
7	4	5	4	3		3	3	4	5		31
8	4	3	4	3		4	4	3	3		28
9	4	4	4	4		3	4	4	3		30
10	4	4	4	4		4	4	4	4		32
11	4	4	3	4		4	5	5	4		33
12	5	5	6	5		4	5	5	4		39
13	5	4	4	5		5	5	4	4		36
14	4	4	5	4		3	2	2	3		27
15	3	3	2	3		3	4	4	3		25
16	3	3	2	3		2	3	3	4		23
17	4	3	2	4		5	4	3	4		29
18	5	5	3	4		4	4	6	6		37
19	4	3	5	5		4	4	3	3		31
20	3	4	3	3		3	2	4	2		24
21	3	4	2	2		2	3	2	5		23
22	5	5	2	3		2	I	2	3		23
23	3	4	3	3		3	3	3	3		25
24	4	4	5	3		2	I	3	3		25
25	4	4	3	4		5	4	4	3		31
26	4	4	2	3		2	3	3	3		24
27	5	5	4	4		5	5	4	6		38
28	5	6	5	5		7	5	4	6		43
29	6	6	5	5		7	6	5	4		44
30	4	5	5	5		5	6	7	6		43
31	5	5	6	6		7	7	6	4		46

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INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY, *Heiss is*
 MONTH, *September* 19 *78*
 RANGE FOR K=9... *2000*... 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	5	5	5	4		5	5	4	4		37
2	5	5	5	5		5	4	6	5		40
3	5	5	5	3		4	5	4	4		35
4	4	4	4	4		3	4	4	4		31
5	4	4	2	3		4	3	4	4		28
6	5	5	5	5		5	3	2	2		32
7	3	4	3	3		2	3	3	5		26
8	5	6	5	3		2	I	2	3		27
9	4	5	4	5		5	6	4	4		37
10	5	3	4	4		4	3	3	2		28
11	3	4	2	4		5	5	4	4		31
12	4	4	4	5		6	4	4	4		35
13	3	4	4	5		3	3	3	3		28
14	4	4	3	3		2	I	2	3		22
15	2	2	3	2		2	2	I	3		I7
16	4	4	4	2		2	2	4	3		25
17	5	4	4	4		I	2	2	2		24
18	2	3	2	3		3	I	3	2		I9
19	3	2	2	2		I	I	I	I		I3
20	3	2	I	2		2	0	3	4		I7
21	4	5	5	4		2	4	2	3		29
22	3	4	4	3		4	4	4	4		30
23	4	4	3	4		5	3	5	5		33
24	5	5	5	3		3	5	5	6		37
25	5	5	7	6		6	7	6	5		47
26	4	5	6	5		4	6	5	5		40
27	7	7	6	5		4	6	7	7		49
28	8	5	5	5		7	4	6	7		47
29	4	6	7	6		6	6	5	3		43
30	3	5	6	3		4	5	4	3		33
31											

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY Heiss is
MONTH October 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	4	5	4	4	6	7	3	4	37
2	4	4	3	4	6	4	4	4	33
3	3	4	4	4	6	5	4	3	33
4	5	5	5	4	7	4	4	4	38
5	4	4	4	3	2	3	3	5	28
6	4	2	2	2	2	4	3	4	23
7	4	3	3	3	3	2	2	3	23
8	3	3	3	3	2	3	4	4	25
9	3	4	3	4	3	3	3	4	27
10	5	3	3	4	4	2	3	4	28
11	4	4	4	3	2	2	1	2	22
12	4	4	3	4	6	6	4	4	35
13	5	4	3	3	2	1	4	4	26
14	3	3	2	1	1	3	4	3	20
15	3	2	3	3	3	3	2	2	21
16	4	5	2	2	2	3	2	1	21
17	2	3	2	2	1	1	3	4	18
18	6	4	5	3	4	5	4	3	34
19	5	5	4	4	4	4	5	4	35
20	4	3	3	4	3	3	4	3	27
21	3	4	3	4	6	3	4	5	32
22	4	3	3	4	4	4	4	3	29
23	3	3	3	4	4	4	3	3	27
24	3	3	2	2	1	3	4	2	20
25	4	4	2	3	4	4	3	3	27
26	4	4	3	3	4	3	6	6	33
27	4	4	4	4	4	3	3	4	30
28	3	3	5	3	3	3	2	4	26
29	4	4	2	4	6	3	4	3	30
30	3	4	4	5	4	5	3	4	32
31	3	4	3	3	4	4	4	4	29

626404 42x

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Heiss is*
 MONTH *November* 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	3	4	3	3		3	2	3	4	25
2	2	3	3	3		4	5	3	3	26
3	3	5	4	3		2	3	5	4	29
4	4	4	2	2		4	3	2	4	25
5	3	4	3	2		2	3	3	2	22
6	2	2	2	2		I	3	3	3	I8
7	2	2	0	I		0	2	4	7	I8
8	5	5	2	3		2	2	2	3	24
9	4	4	3	3		2	3	I	I	21
10	4	4	2	3		3	5	4	5	30
11	4	3	4	3		2	2	5	4	27
12	7	6	7	5		6	4	6	6	47
13	4	4	4	3		4	5	6	3	33
14	3	3	2	2		4	5	4	3	26
15	3	4	2	3		I	4	4	3	24
16	4	4	2	3		5	4	4	3	29
17	3	3	3	3		2	3	4	3	24
18	4	4	2	2		2	3	2	4	23
19	4	4	4	3		4	4	3	3	29
20	3	4	4	4		4	6	6	5	31
21	5	4	5	4		3	3	3	5	32
22	5	3	4	4		5	7	3	3	34
23	3	3	3	4		7	7	6	5	38
24	4	5	3	3		6	5	4	6	36
25	3	3	3	4		6	6	5	6	36
26	4	5	4	4		4	6	5	3	35
27	3	4	4	4		7	6	6	4	38
28	4	4	3	2		3	5	4	3	28
29	3	3	2	3		2	6	4	2	25
30	3	3	3	2		3	2	3	4	23
31										

6264/492A

INDICES OF GEOMAGNETIC ACTIVITY

OBSERVATORY *Heiss is*
 MONTH *December* 19 *78*
 RANGE FOR K=9 *2000* 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	4	4	4	3		3	2	2	2		24
2	3	3	1	2		1	1	1	2		14
3	2	2	1	1		1	3	4	3		17
4	3	4	3	3		3	4	4	3		27
5	4	5	4	2		1	3	4	5		28
6	3	3	3	2		1	3	4	3		22
7	3	2	2	1		1	3	2	2		16
8	3	2	2	3		2	2	3	2		19
9	3	3	2	1		1	3	4	1		18
10	3	3	1	1		0	2	3	1		14
11	1	1	1	1		0	0	1	1		6
12	1	1	1	2		3	2	3	3		16
13	5	5	3	2		2	2	3	4		26
14	6	5	5	5		3	3	4	4		35
15	5	5	3	4		3	5	4	3		32
16	3	4	4	4		3	6	7	4		35
17	3	4	3	2		2	2	2	3		21
18	5	4	5	5		8	7	6	6		46
19	6	4	4	4		8	7	7	4		44
20	5	4	4	5		6	7	6	6		43
21	4	4	3	3		4	6	4	3		31
22	4	5	4	7		4	4	5	3		36
23	4	4	3	3		2	5	5	3		29
24	5	4	3	3		2	3	4	3		27
25	5	5	4	3		5	4	2	3		31
26	3	3	3	3		3	4	3	3		25
27	5	3	3	3		4	4	5	2		29
28	3	4	3	2		2	4	4	4		26
29	4	4	3	3		3	6	5	4		32
30	5	5	4	3		4	3	6	5		35
31	6	5	4	3		3	3	4	3		31