2009 Juni 05 Freitag

UT1	SONNE Grt	SONNE δ	MOND Grt	MOND Unt	MOND δ	MOND Unt	MOND HP	FRÜHLP. Grt
	° '	° '	° '	'	° '	'	'	° '
0	180 23.4	22 32.2 N	034 20.5	11.6	20 36.0 S	09.0	55.4	253 33.1
1	195 23.3	22 32.5 N	048 51.1	11.6	20 45.0 S	08.9	55.4	268 35.6
2	210 23.2	22 32.7 N	063 21.7	11.5	20 54.0 S	08.8	55.4	283 38.0
3	225 23.1	22 33.0 N	077 52.2	11.5	21 02.8 S	08.7	55.4	298 40.5
4	240 23.0	22 33.3 N	092 22.7	11.4	21 11.5 S	08.6	55.4	313 43.0
5	255 22.9	22 33.6 N	106 53.1	11.4	21 20.1 S	08.5	55.4	328 45.4
6	270 22.8	22 33.8 N	121 23.5	11.3	21 28.6 S	08.4	55.3	343 47.9
7	285 22.7	22 34.1 N	135 53.8	11.3	21 37.0 S	08.3	55.3	358 50.3
8	300 22.5	22 34.4 N	150 24.1	11.3	21 45.3 S	08.2	55.3	013 52.8
9	315 22.4	22 34.6 N	164 54.4	11.2	21 53.5 S	08.1	55.3	028 55.3
10	330 22.3	22 34.9 N	179 24.6	11.2	22 01.6 S	08.0	55.3	043 57.7
11	345 22.2	22 35.2 N	193 54.8	11.1	22 09.6 S	07.9	55.2	059 00.2
12	000 22.1	22 35.5 N	208 24.9	11.1	22 17.4 S	07.7	55.2	074 02.7
13	015 22.0	22 35.7 N	222 55.0	11.0	22 25.2 S	07.6	55.2	089 05.1
14	030 21.9	22 36.0 N	237 25.0	11.0	22 32.8 S	07.5	55.2	104 07.6
15	045 21.8	22 36.3 N	251 55.0	11.0	22 40.3 S	07.4	55.2	119 10.1
16	060 21.7	22 36.5 N	266 25.0	10.9	22 47.7 S	07.3	55.2	134 12.5
17	075 21.6	22 36.8 N	280 54.9	10.9	22 55.0 S	07.2	55.1	149 15.0
18	090 21.4	22 37.0 N	295 24.8	10.8	23 02.2 S	07.1	55.1	164 17.5
19	105 21.3	22 37.3 N	309 54.6	10.8	23 09.2 S	06.9	55.1	179 19.9
20	120 21.2	22 37.6 N	324 24.4	10.8	23 16.2 S	06.8	55.1	194 22.4
21	135 21.1	22 37.8 N	338 54.2	10.7	23 23.0 S	06.7	55.1	209 24.8
22	150 21.0	22 38.1 N	353 23.9	10.7	23 29.7 S	06.6	55.1	224 27.3
23	165 20.9	22 38.4 N	007 53.6	10.7	23 36.3 S	06.5	55.0	239 29.8
	T=11:59	Unt=0.3'						

UT1	VENUS Grt	VENUS δ	MARS Grt	MARS δ	JUPITER Grt	JUPITER δ	SATURN Grt	SATURN δ
	° '	° '	° '	° '	° '	° '	° '	° '
0	226 03.8	08 49.5 N	222 22.6	11 40.0 N	284 12.0	13 19.9 S	086 19.9	07 46.6 N
1	241 04.0	08 50.3 N	237 23.2	11 40.6 N	299 14.4	13 19.9 S	101 22.3	07 46.5 N
2	256 04.2	08 51.0 N	252 23.9	11 41.3 N	314 16.7	13 19.9 S	116 24.7	07 46.5 N
3	271 04.4	08 51.7 N	267 24.6	11 41.9 N	329 19.1	13 19.9 S	131 27.1	07 46.5 N
4	286 04.5	08 52.5 N	282 25.3	11 42.6 N	344 21.5	13 19.8 S	146 29.5	07 46.4 N
5	301 04.7	08 53.2 N	297 26.0	11 43.2 N	359 23.9	13 19.8 S	161 31.9	07 46.4 N
6	316 04.8	08 53.9 N	312 26.7	11 43.9 N	014 26.3	13 19.8 S	176 34.3	07 46.3 N
7	331 05.0	08 54.7 N	327 27.3	11 44.5 N	029 28.7	13 19.8 S	191 36.7	07 46.3 N
8	346 05.2	08 55.4 N	342 28.0	11 45.2 N	044 31.0	13 19.8 S	206 39.0	07 46.3 N
9	001 05.3	08 56.1 N	357 28.7	11 45.8 N	059 33.4	13 19.8 S	221 41.4	07 46.2 N
10	016 05.5	08 56.9 N	012 29.4	11 46.5 N	074 35.8	13 19.7 S	236 43.8	07 46.2 N
11	031 05.7	08 57.6 N	027 30.1	11 47.1 N	089 38.2	13 19.7 S	251 46.2	07 46.1 N
12	046 05.8	08 58.3 N	042 30.8	11 47.8 N	104 40.6	13 19.7 S	266 48.6	07 46.1 N
13	061 06.0	08 59.0 N	057 31.4	11 48.4 N	119 43.0	13 19.7 S	281 51.0	07 46.1 N
14	076 06.1	08 59.8 N	072 32.1	11 49.1 N	134 45.3	13 19.7 S	296 53.4	07 46.0 N
15	091 06.3	09 00.5 N	087 32.8	11 49.7 N	149 47.7	13 19.7 S	311 55.8	07 46.0 N
16	106 06.5	09 01.2 N	102 33.5	11 50.4 N	164 50.1	13 19.6 S	326 58.2	07 46.0 N
17	121 06.6	09 02.0 N	117 34.2	11 51.0 N	179 52.5	13 19.6 S	342 00.6	07 45.9 N
18	136 06.8	09 02.7 N	132 34.9	11 51.7 N	194 54.9	13 19.6 S	357 02.9	07 45.9 N
19	151 06.9	09 03.4 N	147 35.5	11 52.3 N	209 57.3	13 19.6 S	012 05.3	07 45.8 N
20	166 07.1	09 04.2 N	162 36.2	11 53.0 N	224 59.7	13 19.6 S	027 07.7	07 45.8 N
21	181 07.2	09 04.9 N	177 36.9	11 53.6 N	240 02.1	13 19.6 S	042 10.1	07 45.8 N
22	196 07.4	09 05.6 N	192 37.6	11 54.3 N	255 04.4	13 19.6 S	057 12.5	07 45.7 N
23	211 07.5	09 06.4 N	207 38.3	11 54.9 N	270 06.8	13 19.5 S	072 14.9	07 45.7 N
Unt	0.2'	0.8' HP=0.2'	0.7'	0.7' HP=0.1'	2.5'	0.0' HP=0.0'	2.5'	0.0' HP=0.0'

30 min **Schalttafel** **31 min**

30 min	Zuwachs Grt										31 min	Zuwachs Grt									
	Sonne Planet		Frühlp.		Mond		Unt	Vb				Sonne Planet		Frühlp.		Mond		Unt	Vb		
s	°	'	°	'	°	'	'	'			s	°	'	°	'	°	'	'	'		
0	7	30.0	7	31.3	7	09.5	0.0	0.0			0	7	45.0	7	46.3	7	23.8	0.0	0.0		
1	7	30.3	7	31.5	7	09.7	0.3	0.2			1	7	45.3	7	46.5	7	24.1	0.3	0.2		
2	7	30.5	7	31.8	7	10.0	0.6	0.3			2	7	45.5	7	46.8	7	24.3	0.6	0.3		
3	7	30.8	7	32.0	7	10.2	0.9	0.5			3	7	45.8	7	47.0	7	24.5	0.9	0.5		
4	7	31.0	7	32.3	7	10.5	1.2	0.6			4	7	46.0	7	47.3	7	24.8	1.2	0.6		
5	7	31.3	7	32.5	7	10.7	1.5	0.8			5	7	46.3	7	47.5	7	25.0	1.5	0.8		
6	7	31.5	7	32.8	7	10.9	1.8	0.9			6	7	46.5	7	47.8	7	25.2	1.8	0.9		
7	7	31.8	7	33.0	7	11.2	2.1	1.1			7	7	46.8	7	48.0	7	25.5	2.1	1.1		
8	7	32.0	7	33.3	7	11.4	2.4	1.2			8	7	47.0	7	48.3	7	25.7	2.4	1.3		
9	7	32.3	7	33.5	7	11.6	2.7	1.4			9	7	47.3	7	48.5	7	26.0	2.7	1.4		
10	7	32.5	7	33.8	7	11.9	3.0	1.5			10	7	47.5	7	48.8	7	26.2	3.0	1.6		
11	7	32.8	7	34.0	7	12.1	3.3	1.7			11	7	47.8	7	49.0	7	26.4	3.3	1.7		
12	7	33.0	7	34.3	7	12.4	3.6	1.8			12	7	48.0	7	49.3	7	26.7	3.6	1.9		
13	7	33.3	7	34.5	7	12.6	3.9	2.0			13	7	48.3	7	49.6	7	26.9	3.9	2.0		
14	7	33.5	7	34.8	7	12.8	4.2	2.1			14	7	48.5	7	49.8	7	27.2	4.2	2.2		
15	7	33.8	7	35.0	7	13.1	4.5	2.3			15	7	48.8	7	50.1	7	27.4	4.5	2.4		
16	7	34.0	7	35.3	7	13.3	4.8	2.4			16	7	49.0	7	50.3	7	27.6	4.8	2.5		
17	7	34.3	7	35.5	7	13.6	5.1	2.6			17	7	49.3	7	50.6	7	27.9	5.1	2.7		
18	7	34.5	7	35.8	7	13.8	5.4	2.7			18	7	49.5	7	50.8	7	28.1	5.4	2.8		
19	7	34.8	7	36.0	7	14.0	5.7	2.9			19	7	49.8	7	51.1	7	28.4	5.7	3.0		
20	7	35.0	7	36.3	7	14.3	6.0	3.0			20	7	50.0	7	51.3	7	28.6	6.0	3.1		
21	7	35.3	7	36.5	7	14.5	6.3	3.2			21	7	50.3	7	51.6	7	28.8	6.3	3.3		
22	7	35.5	7	36.8	7	14.7	6.6	3.3			22	7	50.5	7	51.8	7	29.1	6.6	3.4		
23	7	35.8	7	37.0	7	15.0	6.9	3.5			23	7	50.8	7	52.1	7	29.3	6.9	3.6		
24	7	36.0	7	37.3	7	15.2	7.2	3.6			24	7	51.0	7	52.3	7	29.5	7.2	3.8		
25	7	36.3	7	37.5	7	15.5	7.5	3.8			25	7	51.3	7	52.6	7	29.8	7.5	3.9		
26	7	36.5	7	37.8	7	15.7	7.8	3.9			26	7	51.5	7	52.8	7	30.0	7.8	4.1		
27	7	36.7	7	38.0	7	15.9	8.1	4.1			27	7	51.8	7	53.1	7	30.3	8.1	4.2		
28	7	37.0	7	38.3	7	16.2	8.4	4.2			28	7	52.0	7	53.3	7	30.5	8.4	4.4		
29	7	37.3	7	38.5	7	16.4	8.7	4.4			29	7	52.3	7	53.6	7	30.7	8.7	4.5		
30	7	37.5	7	38.8	7	16.7	9.0	4.6			30	7	52.5	7	53.8	7	31.0	9.0	4.7		
31	7	37.8	7	39.0	7	16.9	9.3	4.7			31	7	52.8	7	54.1	7	31.2	9.3	4.9		
32	7	38.0	7	39.3	7	17.1	9.6	4.9			32	7	53.0	7	54.3	7	31.5	9.6	5.0		
33	7	38.3	7	39.5	7	17.4	9.9	5.0			33	7	53.3	7	54.6	7	31.7	9.9	5.2		
34	7	38.5	7	39.8	7	17.6	10.2	5.2			34	7	53.5	7	54.8	7	31.9	10.2	5.3		
35	7	38.8	7	40.0	7	17.9	10.5	5.3			35	7	53.8	7	55.1	7	32.2	10.5	5.5		
36	7	39.0	7	40.3	7	18.1	10.8	5.5			36	7	54.0	7	55.3	7	32.4	10.8	5.6		
37	7	39.3	7	40.5	7	18.3	11.1	5.6			37	7	54.3	7	55.6	7	32.6	11.1	5.8		
38	7	39.5	7	40.8	7	18.6	11.4	5.8			38	7	54.5	7	55.8	7	32.9	11.4	6.0		
39	7	39.8	7	41.0	7	18.8	11.7	5.9			39	7	54.8	7	56.1	7	33.1	11.7	6.1		
40	7	40.0	7	41.3	7	19.0	12.0	6.1			40	7	55.0	7	56.3	7	33.4	12.0	6.3		
41	7	40.3	7	41.5	7	19.3	12.3	6.2			41	7	55.3	7	56.6	7	33.6	12.3	6.4		
42	7	40.5	7	41.8	7	19.5	12.6	6.4			42	7	55.5	7	56.8	7	33.8	12.6	6.6		
43	7	40.8	7	42.0	7	19.8	12.9	6.5			43	7	55.8	7	57.1	7	34.1	12.9	6.7		
44	7	41.0	7	42.3	7	20.0	13.2	6.7			44	7	56.0	7	57.3	7	34.3	13.2	6.9		
45	7	41.2	7	42.5	7	20.2	13.5	6.8			45	7	56.3	7	57.6	7	34.6	13.5	7.1		
46	7	41.5	7	42.8	7	20.5	13.8	7.0			46	7	56.5	7	57.8	7	34.8	13.8	7.2		
47	7	41.8	7	43.0	7	20.7	14.1	7.1			47	7	56.8	7	58.1	7	35.0	14.1	7.4		
48	7	42.0	7	43.3	7	21.0	14.4	7.3			48	7	57.0	7	58.3	7	35.3	14.4	7.5		
49	7	42.3	7	43.5	7	21.2	14.7	7.4			49	7	57.3	7	58.6	7	35.5	14.7	7.7		
50	7	42.5	7	43.8	7	21.4	15.0	7.6			50	7	57.5	7	58.8	7	35.7	15.0	7.8		
51	7	42.8	7	44.0	7	21.7	15.3	7.7			51	7	57.8	7	59.1	7	36.0	15.3	8.0		
52	7	43.0	7	44.3	7	21.9	15.6	7.9			52	7	58.0	7	59.3	7	36.2	15.6	8.2		
53	7	43.3	7	44.5	7	22.1	15.9	8.0			53	7	58.3	7	59.6	7	36.5	15.9	8.3		
54	7	43.5	7	44.8	7	22.4	16.2	8.2			54	7	58.5	7	59.8	7	36.7	16.2	8.5		
55	7	43.8	7	45.0	7	22.6	16.5	8.3			55	7	58.8	8	00.1	7	36.9	16.5	8.6		
56	7	44.0	7	45.3	7	22.9	16.8	8.5			56	7	59.0	8	00.3	7	37.2	16.8	8.8		
57	7	44.3	7	45.5	7	23.1	17.1	8.6			57	7	59.3	8	00.6	7	37.4	17.1	8.9		
58	7	44.5	7	45.8	7	23.3	17.4	8.8			58	7	59.5	8	00.8	7	37.7	17.4	9.1		
59	7	44.8	7	46.0	7	23.6	17.7	8.9			59	7	59.8	8	01.1	7	37.9	17.7	9.2		

Gesamtbeschickung in Winkelminuten für den Kimmabstand des Sonnenunterrandes

Kimm-abstand	Augeshöhe in Meter																					
in Grad	0	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	22	24	26	28	30
°	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'	'
3	1.9	0.0	-0.7	-1.3	-1.8	-2.3	-2.7	-3.0	-3.4	-3.7	-4.0	-4.5	-5.1	-5.5	-6.0	-6.4	-6.8	-7.2	-7.6	-7.9	-8.3
3.5	3.2	1.3	0.6	0.0	-0.5	-1.0	-1.3	-1.7	-2.1	-2.4	-2.7	-3.2	-3.7	-4.2	-4.7	-5.1	-5.5	-5.9	-6.3	-6.6	-7.0
4	4.3	2.5	1.7	1.2	0.7	0.2	-0.2	-0.5	-0.9	-1.2	-1.5	-2.0	-2.6	-3.0	-3.5	-3.9	-4.3	-4.7	-5.1	-5.4	-5.8
4.5	5.4	3.5	2.8	2.2	1.7	1.3	0.9	0.5	0.2	-0.2	-0.4	-1.0	-1.5	-2.0	-2.4	-2.9	-3.3	-3.6	-4.0	-4.4	-4.7
5	6.2	4.4	3.6	3.1	2.6	2.1	1.8	1.4	1.1	0.7	0.5	-0.1	-0.6	-1.1	-1.5	-1.9	-2.3	-2.7	-3.1	-3.4	-3.8
5.5	7.0	5.2	4.4	3.8	3.4	2.9	2.5	2.2	1.8	1.5	1.2	0.7	0.2	-0.3	-0.7	-1.2	-1.6	-1.9	-2.3	-2.6	-3.0
6	7.7	5.8	5.1	4.5	4.0	3.6	3.2	2.9	2.5	2.2	1.9	1.4	0.9	0.4	0.0	-0.5	-0.9	-1.2	-1.6	-2.0	-2.3
6.5	8.2	6.4	5.7	5.1	4.6	4.2	3.8	3.4	3.1	2.8	2.5	2.0	1.5	1.0	0.6	0.1	-0.3	-0.6	-1.0	-1.3	-1.7
7	8.8	6.9	6.2	5.6	5.1	4.7	4.3	4.0	3.6	3.3	3.0	2.5	2.0	1.5	1.1	0.7	0.3	-0.1	-0.5	-0.8	-1.2
7.5	9.2	7.4	6.7	6.1	5.6	5.2	4.8	4.4	4.1	3.8	3.5	3.0	2.5	2.0	1.6	1.1	0.7	0.4	0.0	-0.3	-0.7
8	9.6	7.8	7.1	6.5	6.0	5.6	5.2	4.8	4.5	4.2	3.9	3.4	2.9	2.4	2.0	1.6	1.2	0.8	0.4	0.1	-0.3
8.5	10.0	8.2	7.4	6.9	6.4	6.0	5.6	5.2	4.9	4.6	4.3	3.7	3.2	2.8	2.3	1.9	1.5	1.2	0.8	0.5	0.1
9	10.3	8.5	7.8	7.2	6.7	6.3	5.9	5.5	5.2	4.9	4.6	4.1	3.6	3.1	2.7	2.3	1.9	1.5	1.1	0.8	0.5
9.5	10.6	8.8	8.1	7.5	7.0	6.6	6.2	5.8	5.5	5.2	4.9	4.4	3.9	3.4	3.0	2.6	2.2	1.8	1.4	1.1	0.8
10	10.9	9.1	8.3	7.8	7.3	6.9	6.5	6.1	5.8	5.5	5.2	4.7	4.2	3.7	3.3	2.8	2.5	2.1	1.7	1.4	1.0
11	11.3	9.5	8.8	8.2	7.8	7.3	6.9	6.6	6.3	6.0	5.7	5.1	4.6	4.2	3.7	3.3	2.9	2.6	2.2	1.9	1.5
12	11.7	9.9	9.2	8.6	8.2	7.7	7.4	7.0	6.7	6.4	6.1	5.5	5.0	4.6	4.1	3.7	3.3	3.0	2.6	2.3	1.9
13	12.1	10.3	9.5	9.0	8.5	8.1	7.7	7.3	7.0	6.7	6.4	5.9	5.4	4.9	4.5	4.1	3.7	3.3	3.0	2.6	2.3
14	12.4	10.6	9.8	9.3	8.8	8.4	8.0	7.6	7.3	7.0	6.7	6.2	5.7	5.2	4.8	4.4	4.0	3.6	3.3	2.9	2.6
15	12.6	10.8	10.1	9.5	9.1	8.6	8.3	7.9	7.6	7.3	7.0	6.4	5.9	5.5	5.0	4.6	4.2	3.9	3.5	3.2	2.8
16	12.9	11.1	10.3	9.8	9.3	8.9	8.5	8.1	7.8	7.5	7.2	6.7	6.2	5.7	5.3	4.9	4.5	4.1	3.7	3.4	3.1
17	13.1	11.3	10.5	10.0	9.5	9.1	8.7	8.3	8.0	7.7	7.4	6.9	6.4	5.9	5.5	5.1	4.7	4.3	4.0	3.6	3.3
18	13.2	11.5	10.7	10.1	9.7	9.2	8.9	8.5	8.2	7.9	7.6	7.1	6.6	6.1	5.7	5.3	4.9	4.5	4.1	3.8	3.5
19	13.4	11.6	10.9	10.3	9.8	9.4	9.0	8.7	8.4	8.0	7.8	7.2	6.7	6.3	5.8	5.4	5.0	4.7	4.3	4.0	3.6
20	13.5	11.8	11.0	10.5	10.0	9.6	9.2	8.8	8.5	8.2	7.9	7.4	6.9	6.4	6.0	5.6	5.2	4.8	4.5	4.1	3.8
22	13.8	12.0	11.3	10.7	10.2	9.8	9.4	9.1	8.8	8.5	8.2	7.6	7.1	6.7	6.2	5.8	5.4	5.1	4.7	4.4	4.0
24	14.0	12.2	11.5	10.9	10.5	10.0	9.7	9.3	9.0	8.7	8.4	7.8	7.3	6.9	6.5	6.0	5.7	5.3	4.9	4.6	4.3
26	14.2	12.4	11.7	11.1	10.6	10.2	9.8	9.5	9.2	8.9	8.6	8.0	7.5	7.1	6.6	6.2	5.8	5.5	5.1	4.8	4.4
28	14.4	12.6	11.8	11.3	10.8	10.4	10.0	9.6	9.3	9.0	8.7	8.2	7.7	7.2	6.8	6.4	6.0	5.6	5.3	4.9	4.6
30	14.5	12.7	12.0	11.4	10.9	10.5	10.1	9.8	9.5	9.2	8.9	8.3	7.8	7.4	6.9	6.5	6.1	5.8	5.4	5.1	4.7
32	14.6	12.8	12.1	11.5	11.1	10.6	10.3	9.9	9.6	9.3	9.0	8.5	8.0	7.5	7.1	6.7	6.3	5.9	5.5	5.2	4.9
34	14.7	13.0	12.2	11.7	11.2	10.8	10.4	10.0	9.7	9.4	9.1	8.6	8.1	7.6	7.2	6.8	6.4	6.0	5.7	5.3	5.0
36	14.8	13.1	12.3	11.8	11.3	10.9	10.5	10.1	9.8	9.5	9.2	8.7	8.2	7.7	7.3	6.9	6.5	6.1	5.8	5.4	5.1
38	14.9	13.2	12.4	11.8	11.4	10.9	10.6	10.2	9.9	9.6	9.3	8.8	8.3	7.8	7.4	7.0	6.6	6.2	5.9	5.5	5.2
40	15.0	13.2	12.5	11.9	11.5	11.0	10.7	10.3	10.0	9.7	9.4	8.8	8.4	7.9	7.5	7.1	6.7	6.3	5.9	5.6	5.3
42	15.1	13.3	12.6	12.0	11.5	11.1	10.7	10.4	10.1	9.8	9.5	8.9	8.4	8.0	7.5	7.1	6.7	6.4	6.0	5.7	5.3
44	15.2	13.4	12.6	12.1	11.6	11.2	10.8	10.5	10.1	9.8	9.5	9.0	8.5	8.0	7.6	7.2	6.8	6.4	6.1	5.7	5.4
46	15.2	13.4	12.7	12.1	11.7	11.2	10.9	10.5	10.2	9.9	9.6	9.1	8.6	8.1	7.7	7.3	6.9	6.5	6.2	5.8	5.5
48	15.3	13.5	12.8	12.2	11.7	11.3	10.9	10.6	10.3	10.0	9.7	9.1	8.6	8.2	7.7	7.3	6.9	6.6	6.2	5.9	5.5
50	15.4	13.6	12.8	12.3	11.8	11.4	11.0	10.6	10.3	10.0	9.7	9.2	8.7	8.2	7.8	7.4	7.0	6.6	6.3	5.9	5.6
55	15.5	13.7	13.0	12.4	11.9	11.5	11.1	10.8	10.4	10.1	9.9	9.3	8.8	8.4	7.9	7.5	7.1	6.8	6.4	6.1	5.7
60	15.6	13.8	13.1	12.5	12.0	11.6	11.2	10.9	10.6	10.3	10.0	9.4	8.9	8.5	8.0	7.6	7.3	6.9	6.5	6.2	5.9
65	15.7	13.9	13.2	12.6	12.1	11.7	11.3	11.0	10.7	10.4	10.1	9.5	9.0	8.6	8.2	7.7	7.4	7.0	6.6	6.3	6.0
70	15.8	14.0	13.3	12.7	12.2	11.8	11.4	11.1	10.8	10.5	10.2	9.6	9.1	8.7	8.3	7.8	7.5	7.1	6.7	6.4	6.1
75	15.9	14.1	13.4	12.8	12.3	11.9	11.5	11.2	10.9	10.6	10.3	9.7	9.2	8.8	8.3	7.9	7.5	7.2	6.8	6.5	6.1
80	16.0	14.2	13.5	12.9	12.4	12.0	11.6	11.3	10.9	10.6	10.4	9.8	9.3	8.9	8.4	8.0	7.6	7.3	6.9	6.6	6.2
85	16.1	14.3	13.6	13.0	12.5	12.1	11.7	11.4	11.0	10.7	10.4	9.9	9.4	8.9	8.5	8.1	7.7	7.3	7.0	6.7	6.3
90	16.2	14.4	13.6	13.1	12.6	12.2	11.8	11.4	11.1	10.8	10.5	10.0	9.5	9.0	8.6	8.2	7.8	7.4	7.1	6.7	6.4