

Nautical Almanac: Sonne 2027 (Stündlich)

Beobachter: 48.173333°N, 11.635°O, 525m (WGS84)

August 8, 2026

Table 1: GHA, Dec, Azimut und Altitude (inkl. Refraktion) der Sonne

UT h	Datum d	GEOCENTRIC (SUN)		LOCAL OBSERVER	
		GHA ° ' .	Dec [N/S] ° ' .	Azimut °	Altitude °
00	2027-01-01	179 12.0	S23 02.2	022.7	-63.4
01		194 11.7	S23 02.0	048.4	-57.6
02		209 11.4	S23 01.8	066.8	-49.1
03		224 11.1	S23 01.6	080.7	-39.5
04		239 10.8	S23 01.4	092.3	-29.5
05		254 10.5	S23 01.2	102.9	-19.7
06		269 10.2	S23 01.0	113.3	-10.2
07		284 09.9	S23 00.8	124.0	-01.4
08		299 09.6	S23 00.6	135.5	+06.4
09		314 09.3	S23 00.4	148.0	+12.6
10		329 09.0	S23 00.2	161.6	+16.8
11		344 08.7	S22 60.0	175.9	+18.8
12		359 08.4	S22 59.8	190.4	+18.2
13		14 08.1	S22 59.6	204.5	+15.2
14		29 07.8	S22 59.3	217.6	+10.1
15		44 07.5	S22 59.1	229.7	+03.3
16		59 07.2	S22 58.9	240.8	-05.1
17		74 06.9	S22 58.7	251.3	-14.2
18		89 06.6	S22 58.5	261.7	-23.9
19		104 06.4	S22 58.3	272.6	-33.9
20		119 06.1	S22 58.1	285.0	-43.7
21		134 05.8	S22 57.9	300.6	-53.0
22		149 05.5	S22 57.7	321.9	-60.5
23		164 05.2	S22 57.4	350.8	-64.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
00	2027-01-02	179 04.9	S22 57.2	022.5	-63.4
01		194 04.6	S22 57.0	048.1	-57.6
02		209 04.3	S22 56.8	066.6	-49.1
03		224 04.0	S22 56.6	080.5	-39.5
04		239 03.7	S22 56.4	092.2	-29.6
05		254 03.4	S22 56.1	102.8	-19.7
06		269 03.1	S22 55.9	113.2	-10.2
07		284 02.8	S22 55.7	123.9	-01.4
08		299 02.5	S22 55.5	135.4	+06.5
09		314 02.2	S22 55.2	147.9	+12.6
10		329 02.0	S22 55.0	161.4	+16.9
11		344 01.7	S22 54.8	175.8	+18.9
12		359 01.4	S22 54.6	190.3	+18.3
13		14 01.1	S22 54.3	204.4	+15.3
14		29 00.8	S22 54.1	217.6	+10.2
15		44 00.5	S22 53.9	229.6	+03.5
16		59 00.2	S22 53.7	240.7	-04.9
17		73 59.9	S22 53.4	251.3	-14.1
18		88 59.6	S22 53.2	261.7	-23.8
19		103 59.3	S22 53.0	272.6	-33.7
20		118 59.0	S22 52.7	285.0	-43.6
21		133 58.8	S22 52.5	300.6	-52.8
22		148 58.5	S22 52.3	321.8	-60.4
23		163 58.2	S22 52.0	350.6	-64.5
00	2027-01-03	178 57.9	S22 51.8	022.2	-63.3
01		193 57.6	S22 51.6	047.9	-57.5
02		208 57.3	S22 51.3	066.4	-49.1
03		223 57.0	S22 51.1	080.4	-39.5
04		238 56.7	S22 50.9	092.0	-29.6
05		253 56.4	S22 50.6	102.6	-19.7
06		268 56.1	S22 50.4	113.0	-10.2
07		283 55.9	S22 50.1	123.7	-01.4
08		298 55.6	S22 49.9	135.2	+06.5
09		313 55.3	S22 49.6	147.7	+12.6
10		328 55.0	S22 49.4	161.3	+16.9
11		343 54.7	S22 49.2	175.7	+18.9
12		358 54.4	S22 48.9	190.2	+18.4
13		13 54.1	S22 48.7	204.3	+15.5
14		28 53.8	S22 48.4	217.5	+10.4
15		43 53.5	S22 48.2	229.6	+03.6
16		58 53.3	S22 47.9	240.7	-04.8
17		73 53.0	S22 47.7	251.2	-13.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
18		88 52.7	S22 47.4	261.7	-23.6
19		103 52.4	S22 47.2	272.6	-33.6
20		118 52.1	S22 46.9	285.0	-43.5
21		133 51.8	S22 46.7	300.5	-52.7
22		148 51.5	S22 46.4	321.7	-60.2
23		163 51.3	S22 46.2	350.4	-64.3
00	2027-01-04	178 51.0	S22 45.9	021.9	-63.3
01		193 50.7	S22 45.7	047.6	-57.5
02		208 50.4	S22 45.4	066.1	-49.1
03		223 50.1	S22 45.2	080.2	-39.6
04		238 49.8	S22 44.9	091.9	-29.6
05		253 49.5	S22 44.6	102.5	-19.7
06		268 49.3	S22 44.4	112.9	-10.2
07		283 49.0	S22 44.1	123.6	-01.4
08		298 48.7	S22 43.9	135.1	+06.5
09		313 48.4	S22 43.6	147.6	+12.7
10		328 48.1	S22 43.3	161.2	+17.0
11		343 47.8	S22 43.1	175.5	+19.0
12		358 47.5	S22 42.8	190.1	+18.5
13		13 47.3	S22 42.5	204.3	+15.6
14		28 47.0	S22 42.3	217.5	+10.5
15		43 46.7	S22 42.0	229.5	+03.7
16		58 46.4	S22 41.8	240.7	-04.7
17		73 46.1	S22 41.5	251.2	-13.8
18		88 45.8	S22 41.2	261.7	-23.5
19		103 45.6	S22 40.9	272.6	-33.5
20		118 45.3	S22 40.7	285.0	-43.3
21		133 45.0	S22 40.4	300.5	-52.5
22		148 44.7	S22 40.1	321.6	-60.1
23		163 44.4	S22 39.9	350.1	-64.2
00	2027-01-05	178 44.1	S22 39.6	021.6	-63.2
01		193 43.9	S22 39.3	047.3	-57.5
02		208 43.6	S22 39.0	065.9	-49.1
03		223 43.3	S22 38.8	080.0	-39.6
04		238 43.0	S22 38.5	091.7	-29.6
05		253 42.7	S22 38.2	102.3	-19.7
06		268 42.5	S22 37.9	112.7	-10.2
07		283 42.2	S22 37.7	123.4	-01.3
08		298 41.9	S22 37.4	134.9	+06.5
09		313 41.6	S22 37.1	147.4	+12.8
10		328 41.3	S22 36.8	161.0	+17.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
11		343 41.1	S22 36.5	175.4	+19.1
12		358 40.8	S22 36.3	190.0	+18.7
13		13 40.5	S22 36.0	204.2	+15.7
14		28 40.2	S22 35.7	217.4	+10.6
15		43 39.9	S22 35.4	229.5	+03.9
16		58 39.7	S22 35.1	240.7	-04.5
17		73 39.4	S22 34.8	251.2	-13.6
18		88 39.1	S22 34.5	261.7	-23.3
19		103 38.8	S22 34.3	272.6	-33.3
20		118 38.5	S22 34.0	285.0	-43.2
21		133 38.3	S22 33.7	300.5	-52.4
22		148 38.0	S22 33.4	321.5	-59.9
23		163 37.7	S22 33.1	349.9	-64.1
00	2027-01-06	178 37.4	S22 32.8	021.3	-63.1
01		193 37.2	S22 32.5	047.1	-57.4
02		208 36.9	S22 32.2	065.7	-49.1
03		223 36.6	S22 31.9	079.8	-39.5
04		238 36.3	S22 31.6	091.5	-29.6
05		253 36.0	S22 31.3	102.2	-19.7
06		268 35.8	S22 31.0	112.6	-10.1
07		283 35.5	S22 30.7	123.3	-01.3
08		298 35.2	S22 30.4	134.8	+06.6
09		313 34.9	S22 30.1	147.3	+12.8
10		328 34.7	S22 29.8	160.9	+17.2
11		343 34.4	S22 29.5	175.3	+19.2
12		358 34.1	S22 29.2	190.0	+18.8
13		13 33.8	S22 28.9	204.1	+15.9
14		28 33.6	S22 28.6	217.4	+10.8
15		43 33.3	S22 28.3	229.5	+04.0
16		58 33.0	S22 28.0	240.7	-04.4
17		73 32.7	S22 27.7	251.2	-13.5
18		88 32.5	S22 27.4	261.7	-23.2
19		103 32.2	S22 27.1	272.6	-33.1
20		118 31.9	S22 26.8	285.0	-43.0
21		133 31.6	S22 26.5	300.5	-52.2
22		148 31.4	S22 26.2	321.4	-59.8
23		163 31.1	S22 25.9	349.7	-64.0
00	2027-01-07	178 30.8	S22 25.6	021.0	-63.0
01		193 30.6	S22 25.3	046.8	-57.4
02		208 30.3	S22 25.0	065.4	-49.1
03		223 30.0	S22 24.6	079.6	-39.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
04		238 29.7	S22 24.3	091.3	-29.6
05		253 29.5	S22 24.0	102.0	-19.7
06		268 29.2	S22 23.7	112.4	-10.1
07		283 28.9	S22 23.4	123.1	-01.3
08		298 28.6	S22 23.1	134.6	+06.6
09		313 28.4	S22 22.8	147.1	+12.9
10		328 28.1	S22 22.4	160.8	+17.3
11		343 27.8	S22 22.1	175.2	+19.4
12		358 27.6	S22 21.8	189.9	+18.9
13		13 27.3	S22 21.5	204.1	+16.0
14		28 27.0	S22 21.2	217.3	+10.9
15		43 26.8	S22 20.8	229.5	+04.2
16		58 26.5	S22 20.5	240.7	-04.2
17		73 26.2	S22 20.2	251.3	-13.3
18		88 25.9	S22 19.9	261.7	-23.0
19		103 25.7	S22 19.5	272.6	-33.0
20		118 25.4	S22 19.2	285.0	-42.8
21		133 25.1	S22 18.9	300.5	-52.1
22		148 24.9	S22 18.6	321.4	-59.6
23		163 24.6	S22 18.2	349.6	-63.8
00	2027-01-08	178 24.3	S22 17.9	020.7	-62.9
01		193 24.1	S22 17.6	046.5	-57.3
02		208 23.8	S22 17.2	065.2	-49.0
03		223 23.5	S22 16.9	079.4	-39.5
04		238 23.3	S22 16.6	091.1	-29.6
05		253 23.0	S22 16.3	101.8	-19.6
06		268 22.7	S22 15.9	112.2	-10.1
07		283 22.5	S22 15.6	123.0	-01.2
08		298 22.2	S22 15.3	134.5	+06.7
09		313 21.9	S22 14.9	147.0	+13.0
10		328 21.7	S22 14.6	160.6	+17.4
11		343 21.4	S22 14.2	175.1	+19.5
12		358 21.1	S22 13.9	189.8	+19.1
13		13 20.9	S22 13.6	204.0	+16.2
14		28 20.6	S22 13.2	217.3	+11.1
15		43 20.3	S22 12.9	229.5	+04.3
16		58 20.1	S22 12.6	240.7	-04.0
17		73 19.8	S22 12.2	251.3	-13.1
18		88 19.6	S22 11.9	261.7	-22.9
19		103 19.3	S22 11.5	272.7	-32.8
20		118 19.0	S22 11.2	285.1	-42.7
21		133 18.8	S22 10.8	300.5	-51.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
22		148 18.5	S22 10.5	321.3	-59.5
23		163 18.2	S22 10.1	349.4	-63.7
00	2027-01-09	178 18.0	S22 09.8	020.5	-62.8
01		193 17.7	S22 09.5	046.2	-57.3
02		208 17.5	S22 09.1	065.0	-49.0
03		223 17.2	S22 08.8	079.2	-39.5
04		238 16.9	S22 08.4	090.9	-29.5
05		253 16.7	S22 08.1	101.6	-19.6
06		268 16.4	S22 07.7	112.1	-10.0
07		283 16.1	S22 07.4	122.8	-01.2
08		298 15.9	S22 07.0	134.3	+06.8
09		313 15.6	S22 06.6	146.9	+13.1
10		328 15.4	S22 06.3	160.5	+17.5
11		343 15.1	S22 05.9	175.0	+19.6
12		358 14.8	S22 05.6	189.7	+19.2
13		13 14.6	S22 05.2	204.0	+16.3
14		28 14.3	S22 04.9	217.3	+11.3
15		43 14.1	S22 04.5	229.5	+04.5
16		58 13.8	S22 04.2	240.7	-03.9
17		73 13.6	S22 03.8	251.3	-13.0
18		88 13.3	S22 03.4	261.8	-22.7
19		103 13.0	S22 03.1	272.7	-32.7
20		118 12.8	S22 02.7	285.1	-42.5
21		133 12.5	S22 02.3	300.5	-51.7
22		148 12.3	S22 02.0	321.3	-59.3
23		163 12.0	S22 01.6	349.2	-63.5
00	2027-01-10	178 11.7	S22 01.3	020.2	-62.7
01		193 11.5	S22 00.9	045.9	-57.2
02		208 11.2	S22 00.5	064.7	-48.9
03		223 11.0	S22 00.2	078.9	-39.5
04		238 10.7	S21 59.8	090.7	-29.5
05		253 10.5	S21 59.4	101.5	-19.6
06		268 10.2	S21 59.1	111.9	-10.0
07		283 10.0	S21 58.7	122.7	-01.1
08		298 09.7	S21 58.3	134.2	+06.8
09		313 09.4	S21 57.9	146.7	+13.2
10		328 09.2	S21 57.6	160.4	+17.6
11		343 08.9	S21 57.2	174.9	+19.8
12		358 08.7	S21 56.8	189.6	+19.4
13		13 08.4	S21 56.4	203.9	+16.5
14		28 08.2	S21 56.1	217.2	+11.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
15		43 07.9	S21 55.7	229.5	+04.7
16		58 07.7	S21 55.3	240.7	-03.7
17		73 07.4	S21 54.9	251.3	-12.8
18		88 07.2	S21 54.6	261.8	-22.5
19		103 06.9	S21 54.2	272.8	-32.5
20		118 06.7	S21 53.8	285.2	-42.3
21		133 06.4	S21 53.4	300.5	-51.5
22		148 06.2	S21 53.0	321.2	-59.1
23		163 05.9	S21 52.7	349.0	-63.4
00	2027-01-11	178 05.7	S21 52.3	019.9	-62.6
01		193 05.4	S21 51.9	045.6	-57.1
02		208 05.2	S21 51.5	064.4	-48.9
03		223 04.9	S21 51.1	078.7	-39.4
04		238 04.7	S21 50.7	090.5	-29.5
05		253 04.4	S21 50.4	101.3	-19.5
06		268 04.2	S21 50.0	111.7	-10.0
07		283 03.9	S21 49.6	122.5	-01.1
08		298 03.7	S21 49.2	134.0	+06.9
09		313 03.4	S21 48.8	146.6	+13.3
10		328 03.2	S21 48.4	160.2	+17.7
11		343 02.9	S21 48.0	174.8	+19.9
12		358 02.7	S21 47.6	189.5	+19.5
13		13 02.4	S21 47.2	203.9	+16.7
14		28 02.2	S21 46.9	217.2	+11.6
15		43 01.9	S21 46.5	229.5	+04.9
16		58 01.7	S21 46.1	240.7	-03.5
17		73 01.4	S21 45.7	251.4	-12.6
18		88 01.2	S21 45.3	261.9	-22.3
19		103 00.9	S21 44.9	272.8	-32.3
20		118 00.7	S21 44.5	285.2	-42.2
21		133 00.5	S21 44.1	300.6	-51.4
22		148 00.2	S21 43.7	321.2	-58.9
23		162 60.0	S21 43.3	348.9	-63.2
00	2027-01-12	177 59.7	S21 42.9	019.6	-62.4
01		192 59.5	S21 42.5	045.3	-57.0
02		207 59.2	S21 42.1	064.2	-48.8
03		222 59.0	S21 41.7	078.5	-39.4
04		237 58.7	S21 41.3	090.3	-29.4
05		252 58.5	S21 40.9	101.1	-19.5
06		267 58.3	S21 40.5	111.6	-09.9
07		282 58.0	S21 40.1	122.3	-00.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
08		297 57.8	S21 39.7	133.8	+07.0
09		312 57.5	S21 39.2	146.4	+13.4
10		327 57.3	S21 38.8	160.1	+17.9
11		342 57.0	S21 38.4	174.6	+20.1
12		357 56.8	S21 38.0	189.5	+19.7
13		12 56.6	S21 37.6	203.8	+16.9
14		27 56.3	S21 37.2	217.2	+11.8
15		42 56.1	S21 36.8	229.5	+05.0
16		57 55.8	S21 36.4	240.8	-03.3
17		72 55.6	S21 36.0	251.4	-12.4
18		87 55.4	S21 35.6	261.9	-22.2
19		102 55.1	S21 35.1	272.9	-32.1
20		117 54.9	S21 34.7	285.3	-42.0
21		132 54.6	S21 34.3	300.6	-51.2
22		147 54.4	S21 33.9	321.2	-58.8
23		162 54.2	S21 33.5	348.7	-63.0
00	2027-01-13	177 53.9	S21 33.1	019.4	-62.3
01		192 53.7	S21 32.6	045.0	-56.9
02		207 53.5	S21 32.2	063.9	-48.8
03		222 53.2	S21 31.8	078.2	-39.3
04		237 53.0	S21 31.4	090.1	-29.4
05		252 52.7	S21 31.0	100.9	-19.4
06		267 52.5	S21 30.5	111.4	-09.8
07		282 52.3	S21 30.1	122.1	-00.3
08		297 52.0	S21 29.7	133.7	+07.1
09		312 51.8	S21 29.3	146.3	+13.5
10		327 51.6	S21 28.8	160.0	+18.0
11		342 51.3	S21 28.4	174.5	+20.2
12		357 51.1	S21 28.0	189.4	+19.9
13		12 50.9	S21 27.6	203.8	+17.0
14		27 50.6	S21 27.1	217.2	+12.0
15		42 50.4	S21 26.7	229.5	+05.2
16		57 50.2	S21 26.3	240.8	-03.1
17		72 49.9	S21 25.9	251.5	-12.3
18		87 49.7	S21 25.4	262.0	-22.0
19		102 49.5	S21 25.0	273.0	-32.0
20		117 49.2	S21 24.6	285.4	-41.8
21		132 49.0	S21 24.1	300.7	-51.0
22		147 48.8	S21 23.7	321.2	-58.6
23		162 48.5	S21 23.3	348.6	-62.8
00	2027-01-14	177 48.3	S21 22.8	019.1	-62.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
01		192 48.1	S21 22.4	044.7	-56.8
02		207 47.8	S21 22.0	063.6	-48.7
03		222 47.6	S21 21.5	078.0	-39.3
04		237 47.4	S21 21.1	089.9	-29.3
05		252 47.2	S21 20.6	100.7	-19.4
06		267 46.9	S21 20.2	111.2	-09.8
07		282 46.7	S21 19.8	122.0	-00.2
08		297 46.5	S21 19.3	133.5	+07.2
09		312 46.2	S21 18.9	146.1	+13.6
10		327 46.0	S21 18.4	159.8	+18.2
11		342 45.8	S21 18.0	174.4	+20.4
12		357 45.6	S21 17.6	189.3	+20.1
13		12 45.3	S21 17.1	203.8	+17.2
14		27 45.1	S21 16.7	217.2	+12.2
15		42 44.9	S21 16.2	229.5	+05.4
16		57 44.6	S21 15.8	240.9	-02.9
17		72 44.4	S21 15.3	251.5	-12.1
18		87 44.2	S21 14.9	262.0	-21.8
19		102 44.0	S21 14.4	273.0	-31.8
20		117 43.7	S21 14.0	285.4	-41.6
21		132 43.5	S21 13.5	300.7	-50.8
22		147 43.3	S21 13.1	321.2	-58.4
23		162 43.1	S21 12.6	348.5	-62.7
00	2027-01-15	177 42.8	S21 12.2	018.8	-62.0
01		192 42.6	S21 11.7	044.4	-56.7
02		207 42.4	S21 11.3	063.4	-48.6
03		222 42.2	S21 10.8	077.8	-39.2
04		237 42.0	S21 10.4	089.7	-29.3
05		252 41.7	S21 09.9	100.5	-19.3
06		267 41.5	S21 09.4	111.0	-09.7
07		282 41.3	S21 09.0	121.8	-00.1
08		297 41.1	S21 08.5	133.3	+07.3
09		312 40.8	S21 08.1	145.9	+13.7
10		327 40.6	S21 07.6	159.7	+18.3
11		342 40.4	S21 07.2	174.3	+20.6
12		357 40.2	S21 06.7	189.2	+20.3
13		12 40.0	S21 06.2	203.7	+17.4
14		27 39.7	S21 05.8	217.2	+12.4
15		42 39.5	S21 05.3	229.6	+05.6
16		57 39.3	S21 04.9	240.9	-02.8
17		72 39.1	S21 04.4	251.6	-11.9
18		87 38.9	S21 03.9	262.1	-21.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
19		102 38.6	S21 03.5	273.1	-31.6
20		117 38.4	S21 03.0	285.5	-41.4
21		132 38.2	S21 02.5	300.8	-50.6
22		147 38.0	S21 02.1	321.2	-58.2
23		162 37.8	S21 01.6	348.4	-62.5
00	2027-01-16	177 37.6	S21 01.1	018.6	-61.8
01		192 37.3	S21 00.7	044.1	-56.6
02		207 37.1	S21 00.2	063.1	-48.5
03		222 36.9	S20 59.7	077.5	-39.1
04		237 36.7	S20 59.2	089.5	-29.2
05		252 36.5	S20 58.8	100.3	-19.2
06		267 36.3	S20 58.3	110.8	-09.6
07		282 36.0	S20 57.8	121.6	-00.0
08		297 35.8	S20 57.3	133.2	+07.4
09		312 35.6	S20 56.9	145.8	+13.9
10		327 35.4	S20 56.4	159.6	+18.5
11		342 35.2	S20 55.9	174.2	+20.7
12		357 35.0	S20 55.4	189.2	+20.5
13		12 34.8	S20 55.0	203.7	+17.6
14		27 34.5	S20 54.5	217.2	+12.6
15		42 34.3	S20 54.0	229.6	+05.8
16		57 34.1	S20 53.5	241.0	-02.6
17		72 33.9	S20 53.0	251.7	-11.7
18		87 33.7	S20 52.6	262.2	-21.4
19		102 33.5	S20 52.1	273.2	-31.4
20		117 33.3	S20 51.6	285.6	-41.2
21		132 33.1	S20 51.1	300.9	-50.4
22		147 32.9	S20 50.6	321.2	-58.0
23		162 32.6	S20 50.2	348.2	-62.3
00	2027-01-17	177 32.4	S20 49.7	018.3	-61.7
01		192 32.2	S20 49.2	043.9	-56.5
02		207 32.0	S20 48.7	062.8	-48.4
03		222 31.8	S20 48.2	077.3	-39.0
04		237 31.6	S20 47.7	089.3	-29.1
05		252 31.4	S20 47.2	100.1	-19.1
06		267 31.2	S20 46.7	110.6	-09.5
07		282 31.0	S20 46.2	121.4	+00.0
08		297 30.8	S20 45.8	133.0	+07.6
09		312 30.6	S20 45.3	145.6	+14.0
10		327 30.4	S20 44.8	159.4	+18.6
11		342 30.2	S20 44.3	174.1	+20.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
12		357 29.9	S20 43.8	189.1	+20.7
13		12 29.7	S20 43.3	203.7	+17.8
14		27 29.5	S20 42.8	217.2	+12.8
15		42 29.3	S20 42.3	229.6	+06.0
16		57 29.1	S20 41.8	241.0	-02.4
17		72 28.9	S20 41.3	251.7	-11.5
18		87 28.7	S20 40.8	262.3	-21.2
19		102 28.5	S20 40.3	273.3	-31.2
20		117 28.3	S20 39.8	285.7	-41.0
21		132 28.1	S20 39.3	301.0	-50.2
22		147 27.9	S20 38.8	321.3	-57.8
23		162 27.7	S20 38.3	348.1	-62.1
00	2027-01-18	177 27.5	S20 37.8	018.1	-61.5
01		192 27.3	S20 37.3	043.6	-56.3
02		207 27.1	S20 36.8	062.5	-48.3
03		222 26.9	S20 36.3	077.0	-38.9
04		237 26.7	S20 35.8	089.1	-29.0
05		252 26.5	S20 35.3	099.9	-19.1
06		267 26.3	S20 34.8	110.4	-09.4
07		282 26.1	S20 34.3	121.3	+00.1
08		297 25.9	S20 33.8	132.8	+07.7
09		312 25.7	S20 33.3	145.5	+14.2
10		327 25.5	S20 32.8	159.3	+18.8
11		342 25.3	S20 32.3	174.0	+21.1
12		357 25.1	S20 31.7	189.1	+20.9
13		12 24.9	S20 31.2	203.7	+18.1
14		27 24.7	S20 30.7	217.3	+13.0
15		42 24.5	S20 30.2	229.7	+06.2
16		57 24.3	S20 29.7	241.1	-02.1
17		72 24.1	S20 29.2	251.8	-11.3
18		87 23.9	S20 28.7	262.4	-21.0
19		102 23.7	S20 28.2	273.4	-31.0
20		117 23.5	S20 27.6	285.8	-40.8
21		132 23.3	S20 27.1	301.1	-50.0
22		147 23.1	S20 26.6	321.3	-57.5
23		162 22.9	S20 26.1	348.1	-61.8
00	2027-01-19	177 22.7	S20 25.6	017.8	-61.3
01		192 22.6	S20 25.1	043.3	-56.2
02		207 22.4	S20 24.5	062.3	-48.2
03		222 22.2	S20 24.0	076.8	-38.8
04		237 22.0	S20 23.5	088.8	-28.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
05		252 21.8	S20 23.0	099.7	-19.0
06		267 21.6	S20 22.5	110.2	-09.3
07		282 21.4	S20 21.9	121.1	+00.2
08		297 21.2	S20 21.4	132.7	+07.8
09		312 21.0	S20 20.9	145.3	+14.3
10		327 20.8	S20 20.4	159.2	+19.0
11		342 20.6	S20 19.8	173.9	+21.3
12		357 20.4	S20 19.3	189.0	+21.1
13		12 20.2	S20 18.8	203.7	+18.3
14		27 20.1	S20 18.3	217.3	+13.2
15		42 19.9	S20 17.7	229.7	+06.4
16		57 19.7	S20 17.2	241.2	-01.9
17		72 19.5	S20 16.7	251.9	-11.1
18		87 19.3	S20 16.1	262.5	-20.8
19		102 19.1	S20 15.6	273.5	-30.8
20		117 18.9	S20 15.1	286.0	-40.6
21		132 18.7	S20 14.5	301.2	-49.8
22		147 18.6	S20 14.0	321.4	-57.3
23		162 18.4	S20 13.5	348.0	-61.6
00	2027-01-20	177 18.2	S20 12.9	017.6	-61.1
01		192 18.0	S20 12.4	043.0	-56.0
02		207 17.8	S20 11.9	062.0	-48.1
03		222 17.6	S20 11.3	076.5	-38.7
04		237 17.4	S20 10.8	088.6	-28.8
05		252 17.2	S20 10.3	099.5	-18.9
06		267 17.1	S20 09.7	110.0	-09.2
07		282 16.9	S20 09.2	120.9	+00.3
08		297 16.7	S20 08.7	132.5	+08.0
09		312 16.5	S20 08.1	145.2	+14.5
10		327 16.3	S20 07.6	159.0	+19.2
11		342 16.1	S20 07.0	173.8	+21.5
12		357 16.0	S20 06.5	189.0	+21.3
13		12 15.8	S20 06.0	203.6	+18.5
14		27 15.6	S20 05.4	217.3	+13.4
15		42 15.4	S20 04.9	229.8	+06.6
16		57 15.2	S20 04.3	241.2	-01.7
17		72 15.1	S20 03.8	252.0	-10.9
18		87 14.9	S20 03.2	262.6	-20.6
19		102 14.7	S20 02.7	273.7	-30.6
20		117 14.5	S20 02.1	286.1	-40.4
21		132 14.3	S20 01.6	301.3	-49.6
22		147 14.2	S20 01.0	321.4	-57.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		162 14.0	S20 00.5	347.9	-61.4
00	2027-01-21	177 13.8	S19 59.9	017.3	-60.9
01		192 13.6	S19 59.4	042.7	-55.9
02		207 13.4	S19 58.8	061.7	-48.0
03		222 13.3	S19 58.3	076.3	-38.6
04		237 13.1	S19 57.7	088.4	-28.7
05		252 12.9	S19 57.2	099.3	-18.8
06		267 12.7	S19 56.6	109.8	-09.1
07		282 12.6	S19 56.1	120.7	+00.5
08		297 12.4	S19 55.5	132.3	+08.1
09		312 12.2	S19 55.0	145.0	+14.7
10		327 12.0	S19 54.4	158.9	+19.4
11		342 11.9	S19 53.9	173.8	+21.7
12		357 11.7	S19 53.3	188.9	+21.5
13		12 11.5	S19 52.7	203.6	+18.7
14		27 11.3	S19 52.2	217.3	+13.7
15		42 11.2	S19 51.6	229.9	+06.8
16		57 11.0	S19 51.1	241.3	-01.5
17		72 10.8	S19 50.5	252.1	-10.7
18		87 10.6	S19 50.0	262.7	-20.4
19		102 10.5	S19 49.4	273.8	-30.4
20		117 10.3	S19 48.8	286.2	-40.2
21		132 10.1	S19 48.3	301.5	-49.4
22		147 09.9	S19 47.7	321.5	-56.9
23		162 09.8	S19 47.1	347.8	-61.2
00	2027-01-22	177 09.6	S19 46.6	017.1	-60.7
01		192 09.4	S19 46.0	042.4	-55.7
02		207 09.3	S19 45.4	061.4	-47.8
03		222 09.1	S19 44.9	076.0	-38.5
04		237 08.9	S19 44.3	088.1	-28.6
05		252 08.8	S19 43.7	099.1	-18.6
06		267 08.6	S19 43.2	109.6	-09.0
07		282 08.4	S19 42.6	120.5	+00.6
08		297 08.3	S19 42.0	132.1	+08.3
09		312 08.1	S19 41.5	144.9	+14.9
10		327 07.9	S19 40.9	158.8	+19.6
11		342 07.7	S19 40.3	173.7	+22.0
12		357 07.6	S19 39.7	188.9	+21.8
13		12 07.4	S19 39.2	203.6	+19.0
14		27 07.2	S19 38.6	217.4	+13.9
15		42 07.1	S19 38.0	229.9	+07.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		57 06.9	S19 37.5	241.4	-01.3
17		72 06.8	S19 36.9	252.2	-10.5
18		87 06.6	S19 36.3	262.8	-20.2
19		102 06.4	S19 35.7	273.9	-30.2
20		117 06.3	S19 35.1	286.4	-40.0
21		132 06.1	S19 34.6	301.6	-49.1
22		147 05.9	S19 34.0	321.6	-56.6
23		162 05.8	S19 33.4	347.8	-60.9
00	2027-01-23	177 05.6	S19 32.8	016.9	-60.5
01		192 05.4	S19 32.3	042.1	-55.5
02		207 05.3	S19 31.7	061.1	-47.7
03		222 05.1	S19 31.1	075.8	-38.4
04		237 05.0	S19 30.5	087.9	-28.5
05		252 04.8	S19 29.9	098.8	-18.5
06		267 04.6	S19 29.3	109.4	-08.8
07		282 04.5	S19 28.8	120.3	+00.7
08		297 04.3	S19 28.2	132.0	+08.4
09		312 04.2	S19 27.6	144.7	+15.0
10		327 04.0	S19 27.0	158.7	+19.8
11		342 03.8	S19 26.4	173.6	+22.2
12		357 03.7	S19 25.8	188.8	+22.0
13		12 03.5	S19 25.2	203.7	+19.2
14		27 03.4	S19 24.6	217.4	+14.1
15		42 03.2	S19 24.1	230.0	+07.3
16		57 03.0	S19 23.5	241.5	-01.1
17		72 02.9	S19 22.9	252.3	-10.3
18		87 02.7	S19 22.3	263.0	-20.0
19		102 02.6	S19 21.7	274.1	-30.0
20		117 02.4	S19 21.1	286.5	-39.8
21		132 02.3	S19 20.5	301.7	-48.9
22		147 02.1	S19 19.9	321.7	-56.4
23		162 02.0	S19 19.3	347.7	-60.7
00	2027-01-24	177 01.8	S19 18.7	016.7	-60.3
01		192 01.6	S19 18.1	041.8	-55.4
02		207 01.5	S19 17.5	060.8	-47.5
03		222 01.3	S19 16.9	075.5	-38.3
04		237 01.2	S19 16.3	087.7	-28.4
05		252 01.0	S19 15.7	098.6	-18.4
06		267 00.9	S19 15.1	109.2	-08.7
07		282 00.7	S19 14.5	120.1	+00.8
08		297 00.6	S19 13.9	131.8	+08.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		312 00.4	S19 13.3	144.5	+15.2
10		327 00.3	S19 12.7	158.5	+20.0
11		342 00.1	S19 12.1	173.5	+22.4
12		356 60.0	S19 11.5	188.8	+22.2
13		11 59.8	S19 10.9	203.7	+19.4
14		26 59.7	S19 10.3	217.5	+14.4
15		41 59.5	S19 09.7	230.1	+07.5
16		56 59.4	S19 09.1	241.6	-00.2
17		71 59.2	S19 08.5	252.5	-10.0
18		86 59.1	S19 07.9	263.1	-19.8
19		101 58.9	S19 07.3	274.2	-29.8
20		116 58.8	S19 06.7	286.7	-39.6
21		131 58.6	S19 06.1	301.9	-48.7
22		146 58.5	S19 05.5	321.8	-56.2
23		161 58.3	S19 04.9	347.7	-60.5
00	2027-01-25	176 58.2	S19 04.3	016.5	-60.1
01		191 58.0	S19 03.7	041.5	-55.2
02		206 57.9	S19 03.0	060.6	-47.4
03		221 57.7	S19 02.4	075.2	-38.1
04		236 57.6	S19 01.8	087.4	-28.2
05		251 57.5	S19 01.2	098.4	-18.3
06		266 57.3	S19 00.6	109.0	-08.5
07		281 57.2	S18 60.0	119.9	+01.0
08		296 57.0	S18 59.4	131.6	+08.8
09		311 56.9	S18 58.8	144.4	+15.4
10		326 56.7	S18 58.1	158.4	+20.2
11		341 56.6	S18 57.5	173.4	+22.7
12		356 56.5	S18 56.9	188.8	+22.5
13		11 56.3	S18 56.3	203.7	+19.7
14		26 56.2	S18 55.7	217.5	+14.6
15		41 56.0	S18 55.1	230.2	+07.8
16		56 55.9	S18 54.4	241.7	-00.0
17		71 55.7	S18 53.8	252.6	-09.8
18		86 55.6	S18 53.2	263.2	-19.6
19		101 55.5	S18 52.6	274.4	-29.6
20		116 55.3	S18 52.0	286.8	-39.4
21		131 55.2	S18 51.3	302.0	-48.5
22		146 55.0	S18 50.7	321.9	-55.9
23		161 54.9	S18 50.1	347.6	-60.2
00	2027-01-26	176 54.8	S18 49.5	016.3	-59.8
01		191 54.6	S18 48.8	041.2	-55.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		206 54.5	S18 48.2	060.3	-47.2
03		221 54.4	S18 47.6	075.0	-38.0
04		236 54.2	S18 47.0	087.2	-28.1
05		251 54.1	S18 46.3	098.2	-18.1
06		266 53.9	S18 45.7	108.8	-08.4
07		281 53.8	S18 45.1	119.7	+01.1
08		296 53.7	S18 44.4	131.4	+09.0
09		311 53.5	S18 43.8	144.2	+15.6
10		326 53.4	S18 43.2	158.3	+20.4
11		341 53.3	S18 42.6	173.3	+22.9
12		356 53.1	S18 41.9	188.7	+22.7
13		11 53.0	S18 41.3	203.7	+19.9
14		26 52.9	S18 40.7	217.6	+14.9
15		41 52.7	S18 40.0	230.3	+08.0
16		56 52.6	S18 39.4	241.8	+00.1
17		71 52.5	S18 38.8	252.7	-09.6
18		86 52.3	S18 38.1	263.4	-19.4
19		101 52.2	S18 37.5	274.5	-29.3
20		116 52.1	S18 36.9	287.0	-39.1
21		131 51.9	S18 36.2	302.2	-48.2
22		146 51.8	S18 35.6	322.0	-55.7
23		161 51.7	S18 34.9	347.6	-59.9
00	2027-01-27	176 51.5	S18 34.3	016.1	-59.6
01		191 51.4	S18 33.7	040.9	-54.8
02		206 51.3	S18 33.0	060.0	-47.0
03		221 51.2	S18 32.4	074.7	-37.8
04		236 51.0	S18 31.7	086.9	-28.0
05		251 50.9	S18 31.1	098.0	-18.0
06		266 50.8	S18 30.5	108.6	-08.2
07		281 50.6	S18 29.8	119.5	+01.3
08		296 50.5	S18 29.2	131.3	+09.1
09		311 50.4	S18 28.5	144.1	+15.8
10		326 50.3	S18 27.9	158.2	+20.7
11		341 50.1	S18 27.2	173.3	+23.2
12		356 50.0	S18 26.6	188.7	+23.0
13		11 49.9	S18 26.0	203.7	+20.2
14		26 49.8	S18 25.3	217.7	+15.1
15		41 49.6	S18 24.7	230.4	+08.2
16		56 49.5	S18 24.0	242.0	+00.3
17		71 49.4	S18 23.4	252.8	-09.4
18		86 49.3	S18 22.7	263.5	-19.2
19		101 49.1	S18 22.1	274.7	-29.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		116 49.0	S18 21.4	287.2	-38.9
21		131 48.9	S18 20.8	302.4	-48.0
22		146 48.8	S18 20.1	322.1	-55.4
23		161 48.6	S18 19.5	347.6	-59.7
00	2027-01-28	176 48.5	S18 18.8	015.9	-59.4
01		191 48.4	S18 18.2	040.7	-54.6
02		206 48.3	S18 17.5	059.7	-46.9
03		221 48.2	S18 16.9	074.4	-37.7
04		236 48.0	S18 16.2	086.7	-27.8
05		251 47.9	S18 15.5	097.7	-17.8
06		266 47.8	S18 14.9	108.4	-08.1
07		281 47.7	S18 14.2	119.4	+01.4
08		296 47.6	S18 13.6	131.1	+09.3
09		311 47.4	S18 12.9	143.9	+16.1
10		326 47.3	S18 12.3	158.0	+20.9
11		341 47.2	S18 11.6	173.2	+23.4
12		356 47.1	S18 10.9	188.7	+23.3
13		11 47.0	S18 10.3	203.8	+20.5
14		26 46.8	S18 09.6	217.7	+15.4
15		41 46.7	S18 09.0	230.5	+08.5
16		56 46.6	S18 08.3	242.1	+00.5
17		71 46.5	S18 07.6	253.0	-09.2
18		86 46.4	S18 07.0	263.7	-18.9
19		101 46.3	S18 06.3	274.9	-28.9
20		116 46.1	S18 05.6	287.4	-38.7
21		131 46.0	S18 05.0	302.5	-47.8
22		146 45.9	S18 04.3	322.2	-55.1
23		161 45.8	S18 03.7	347.6	-59.4
00	2027-01-29	176 45.7	S18 03.0	015.7	-59.1
01		191 45.6	S18 02.3	040.4	-54.4
02		206 45.5	S18 01.7	059.4	-46.7
03		221 45.4	S18 01.0	074.2	-37.5
04		236 45.2	S18 00.3	086.4	-27.6
05		251 45.1	S17 59.6	097.5	-17.7
06		266 45.0	S17 59.0	108.2	-07.9
07		281 44.9	S17 58.3	119.2	+01.6
08		296 44.8	S17 57.6	130.9	+09.5
09		311 44.7	S17 57.0	143.8	+16.3
10		326 44.6	S17 56.3	157.9	+21.2
11		341 44.5	S17 55.6	173.1	+23.7
12		356 44.4	S17 54.9	188.7	+23.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		11 44.2	S17 54.3	203.8	+20.7
14		26 44.1	S17 53.6	217.8	+15.6
15		41 44.0	S17 52.9	230.6	+08.7
16		56 43.9	S17 52.3	242.2	+00.7
17		71 43.8	S17 51.6	253.1	-08.9
18		86 43.7	S17 50.9	263.9	-18.7
19		101 43.6	S17 50.2	275.0	-28.7
20		116 43.5	S17 49.5	287.6	-38.5
21		131 43.4	S17 48.9	302.7	-47.5
22		146 43.3	S17 48.2	322.4	-54.9
23		161 43.2	S17 47.5	347.6	-59.1
00	2027-01-30	176 43.1	S17 46.8	015.5	-58.9
01		191 43.0	S17 46.2	040.1	-54.1
02		206 42.9	S17 45.5	059.1	-46.5
03		221 42.7	S17 44.8	073.9	-37.3
04		236 42.6	S17 44.1	086.2	-27.5
05		251 42.5	S17 43.4	097.3	-17.5
06		266 42.4	S17 42.7	108.0	-07.7
07		281 42.3	S17 42.1	119.0	+01.8
08		296 42.2	S17 41.4	130.7	+09.7
09		311 42.1	S17 40.7	143.6	+16.5
10		326 42.0	S17 40.0	157.8	+21.4
11		341 41.9	S17 39.3	173.1	+23.9
12		356 41.8	S17 38.6	188.7	+23.8
13		11 41.7	S17 37.9	203.8	+21.0
14		26 41.6	S17 37.3	217.9	+15.9
15		41 41.5	S17 36.6	230.7	+09.0
16		56 41.4	S17 35.9	242.4	+01.0
17		71 41.3	S17 35.2	253.3	-08.7
18		86 41.2	S17 34.5	264.0	-18.5
19		101 41.1	S17 33.8	275.2	-28.5
20		116 41.0	S17 33.1	287.7	-38.2
21		131 40.9	S17 32.4	302.9	-47.3
22		146 40.8	S17 31.7	322.5	-54.6
23		161 40.7	S17 31.1	347.6	-58.9
00	2027-01-31	176 40.6	S17 30.4	015.3	-58.6
01		191 40.5	S17 29.7	039.8	-53.9
02		206 40.4	S17 29.0	058.9	-46.3
03		221 40.3	S17 28.3	073.6	-37.1
04		236 40.2	S17 27.6	086.0	-27.3
05		251 40.1	S17 26.9	097.0	-17.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		266 40.1	S17 26.2	107.8	-07.6
07		281 40.0	S17 25.5	118.8	+01.9
08		296 39.9	S17 24.8	130.5	+10.0
09		311 39.8	S17 24.1	143.5	+16.8
10		326 39.7	S17 23.4	157.7	+21.7
11		341 39.6	S17 22.7	173.0	+24.2
12		356 39.5	S17 22.0	188.7	+24.1
13		11 39.4	S17 21.3	203.9	+21.3
14		26 39.3	S17 20.6	218.0	+16.2
15		41 39.2	S17 19.9	230.8	+09.2
16		56 39.1	S17 19.2	242.5	+01.2
17		71 39.0	S17 18.5	253.5	-08.5
18		86 38.9	S17 17.8	264.2	-18.3
19		101 38.8	S17 17.1	275.4	-28.2
20		116 38.8	S17 16.4	287.9	-38.0
21		131 38.7	S17 15.7	303.1	-47.0
22		146 38.6	S17 15.0	322.7	-54.4
23		161 38.5	S17 14.3	347.6	-58.6
00	2027-02-01	176 38.4	S17 13.6	015.2	-58.3
01		191 38.3	S17 12.9	039.6	-53.7
02		206 38.2	S17 12.2	058.6	-46.1
03		221 38.1	S17 11.5	073.4	-37.0
04		236 38.0	S17 10.8	085.7	-27.1
05		251 38.0	S17 10.0	096.8	-17.1
06		266 37.9	S17 09.3	107.6	-07.4
07		281 37.8	S17 08.6	118.6	+02.1
08		296 37.7	S17 07.9	130.3	+10.2
09		311 37.6	S17 07.2	143.3	+17.0
10		326 37.5	S17 06.5	157.6	+21.9
11		341 37.4	S17 05.8	172.9	+24.5
12		356 37.4	S17 05.1	188.7	+24.4
13		11 37.3	S17 04.4	203.9	+21.6
14		26 37.2	S17 03.6	218.1	+16.4
15		41 37.1	S17 02.9	230.9	+09.5
16		56 37.0	S17 02.2	242.6	+01.4
17		71 36.9	S17 01.5	253.6	-08.2
18		86 36.9	S17 00.8	264.4	-18.0
19		101 36.8	S17 00.1	275.6	-28.0
20		116 36.7	S16 59.4	288.2	-37.8
21		131 36.6	S16 58.6	303.3	-46.8
22		146 36.5	S16 57.9	322.8	-54.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		161 36.4	S16 57.2	347.6	-58.3
00	2027-02-02	176 36.4	S16 56.5	015.0	-58.0
01		191 36.3	S16 55.8	039.3	-53.4
02		206 36.2	S16 55.1	058.3	-45.9
03		221 36.1	S16 54.3	073.1	-36.8
04		236 36.0	S16 53.6	085.5	-26.9
05		251 36.0	S16 52.9	096.6	-17.0
06		266 35.9	S16 52.2	107.3	-07.2
07		281 35.8	S16 51.4	118.4	+02.3
08		296 35.7	S16 50.7	130.2	+10.4
09		311 35.7	S16 50.0	143.1	+17.2
10		326 35.6	S16 49.3	157.5	+22.2
11		341 35.5	S16 48.6	172.9	+24.8
12		356 35.4	S16 47.8	188.7	+24.6
13		11 35.3	S16 47.1	204.0	+21.8
14		26 35.3	S16 46.4	218.2	+16.7
15		41 35.2	S16 45.7	231.1	+09.7
16		56 35.1	S16 44.9	242.8	+01.6
17		71 35.0	S16 44.2	253.8	-08.0
18		86 35.0	S16 43.5	264.6	-17.8
19		101 34.9	S16 42.7	275.8	-27.8
20		116 34.8	S16 42.0	288.4	-37.5
21		131 34.8	S16 41.3	303.5	-46.5
22		146 34.7	S16 40.6	323.0	-53.8
23		161 34.6	S16 39.8	347.7	-58.0
00	2027-02-03	176 34.5	S16 39.1	014.9	-57.8
01		191 34.5	S16 38.4	039.1	-53.2
02		206 34.4	S16 37.6	058.0	-45.7
03		221 34.3	S16 36.9	072.8	-36.6
04		236 34.2	S16 36.2	085.2	-26.8
05		251 34.2	S16 35.4	096.4	-16.8
06		266 34.1	S16 34.7	107.1	-07.0
07		281 34.0	S16 34.0	118.2	+02.5
08		296 34.0	S16 33.2	130.0	+10.6
09		311 33.9	S16 32.5	143.0	+17.5
10		326 33.8	S16 31.8	157.3	+22.5
11		341 33.8	S16 31.0	172.8	+25.1
12		356 33.7	S16 30.3	188.7	+24.9
13		11 33.6	S16 29.6	204.1	+22.1
14		26 33.6	S16 28.8	218.3	+17.0
15		41 33.5	S16 28.1	231.2	+10.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		56 33.4	S16 27.3	243.0	+01.8
17		71 33.4	S16 26.6	254.0	-07.8
18		86 33.3	S16 25.9	264.8	-17.6
19		101 33.2	S16 25.1	276.0	-27.6
20		116 33.2	S16 24.4	288.6	-37.3
21		131 33.1	S16 23.6	303.7	-46.3
22		146 33.0	S16 22.9	323.1	-53.5
23		161 33.0	S16 22.2	347.7	-57.7
00	2027-02-04	176 32.9	S16 21.4	014.7	-57.5
01		191 32.8	S16 20.7	038.8	-52.9
02		206 32.8	S16 19.9	057.7	-45.4
03		221 32.7	S16 19.2	072.6	-36.4
04		236 32.7	S16 18.4	085.0	-26.6
05		251 32.6	S16 17.7	096.1	-16.6
06		266 32.5	S16 17.0	106.9	-06.8
07		281 32.5	S16 16.2	118.0	+02.7
08		296 32.4	S16 15.5	129.8	+10.9
09		311 32.3	S16 14.7	142.8	+17.7
10		326 32.3	S16 14.0	157.2	+22.7
11		341 32.2	S16 13.2	172.7	+25.4
12		356 32.2	S16 12.5	188.7	+25.2
13		11 32.1	S16 11.7	204.1	+22.4
14		26 32.0	S16 11.0	218.4	+17.3
15		41 32.0	S16 10.2	231.4	+10.2
16		56 31.9	S16 09.5	243.1	+02.1
17		71 31.9	S16 08.7	254.2	-07.5
18		86 31.8	S16 08.0	265.0	-17.3
19		101 31.8	S16 07.2	276.2	-27.3
20		116 31.7	S16 06.5	288.8	-37.1
21		131 31.6	S16 05.7	304.0	-46.0
22		146 31.6	S16 05.0	323.3	-53.2
23		161 31.5	S16 04.2	347.7	-57.4
00	2027-02-05	176 31.5	S16 03.5	014.6	-57.2
01		191 31.4	S16 02.7	038.6	-52.7
02		206 31.4	S16 01.9	057.5	-45.2
03		221 31.3	S16 01.2	072.3	-36.2
04		236 31.3	S16 00.4	084.7	-26.4
05		251 31.2	S15 59.7	095.9	-16.4
06		266 31.2	S15 58.9	106.7	-06.6
07		281 31.1	S15 58.2	117.8	+02.9
08		296 31.0	S15 57.4	129.6	+11.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		311 31.0	S15 56.6	142.7	+18.0
10		326 30.9	S15 55.9	157.1	+23.0
11		341 30.9	S15 55.1	172.7	+25.6
12		356 30.8	S15 54.4	188.7	+25.5
13		11 30.8	S15 53.6	204.2	+22.7
14		26 30.7	S15 52.8	218.5	+17.5
15		41 30.7	S15 52.1	231.5	+10.5
16		56 30.6	S15 51.3	243.3	+02.3
17		71 30.6	S15 50.6	254.3	-07.3
18		86 30.5	S15 49.8	265.2	-17.1
19		101 30.5	S15 49.0	276.4	-27.1
20		116 30.4	S15 48.3	289.0	-36.8
21		131 30.4	S15 47.5	304.2	-45.7
22		146 30.3	S15 46.7	323.5	-53.0
23		161 30.3	S15 46.0	347.8	-57.1
00	2027-02-06	176 30.2	S15 45.2	014.4	-56.9
01		191 30.2	S15 44.4	038.3	-52.4
02		206 30.2	S15 43.7	057.2	-45.0
03		221 30.1	S15 42.9	072.0	-35.9
04		236 30.1	S15 42.1	084.5	-26.2
05		251 30.0	S15 41.4	095.7	-16.2
06		266 30.0	S15 40.6	106.5	-06.3
07		281 29.9	S15 39.8	117.6	+03.2
08		296 29.9	S15 39.1	129.4	+11.4
09		311 29.8	S15 38.3	142.5	+18.3
10		326 29.8	S15 37.5	157.0	+23.3
11		341 29.8	S15 36.8	172.6	+26.0
12		356 29.7	S15 36.0	188.7	+25.8
13		11 29.7	S15 35.2	204.3	+23.0
14		26 29.6	S15 34.4	218.7	+17.8
15		41 29.6	S15 33.7	231.7	+10.8
16		56 29.5	S15 32.9	243.5	+02.5
17		71 29.5	S15 32.1	254.5	-07.0
18		86 29.5	S15 31.4	265.4	-16.9
19		101 29.4	S15 30.6	276.7	-26.9
20		116 29.4	S15 29.8	289.3	-36.6
21		131 29.3	S15 29.0	304.4	-45.5
22		146 29.3	S15 28.3	323.7	-52.7
23		161 29.3	S15 27.5	347.8	-56.8
00	2027-02-07	176 29.2	S15 26.7	014.3	-56.6
01		191 29.2	S15 25.9	038.1	-52.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		206 29.1	S15 25.1	056.9	-44.7
03		221 29.1	S15 24.4	071.8	-35.7
04		236 29.1	S15 23.6	084.2	-25.9
05		251 29.0	S15 22.8	095.4	-15.9
06		266 29.0	S15 22.0	106.2	-06.1
07		281 29.0	S15 21.3	117.3	+03.4
08		296 28.9	S15 20.5	129.3	+11.6
09		311 28.9	S15 19.7	142.4	+18.6
10		326 28.9	S15 18.9	156.9	+23.6
11		341 28.8	S15 18.1	172.6	+26.3
12		356 28.8	S15 17.3	188.7	+26.2
13		11 28.7	S15 16.6	204.3	+23.3
14		26 28.7	S15 15.8	218.8	+18.1
15		41 28.7	S15 15.0	231.8	+11.0
16		56 28.6	S15 14.2	243.7	+02.8
17		71 28.6	S15 13.4	254.7	-06.8
18		86 28.6	S15 12.6	265.6	-16.6
19		101 28.6	S15 11.9	276.9	-26.6
20		116 28.5	S15 11.1	289.5	-36.3
21		131 28.5	S15 10.3	304.7	-45.2
22		146 28.5	S15 09.5	323.9	-52.4
23		161 28.4	S15 08.7	347.9	-56.5
00	2027-02-08	176 28.4	S15 07.9	014.2	-56.3
01		191 28.4	S15 07.1	037.8	-51.9
02		206 28.3	S15 06.4	056.6	-44.5
03		221 28.3	S15 05.6	071.5	-35.5
04		236 28.3	S15 04.8	084.0	-25.7
05		251 28.2	S15 04.0	095.2	-15.7
06		266 28.2	S15 03.2	106.0	-05.9
07		281 28.2	S15 02.4	117.1	+03.6
08		296 28.2	S15 01.6	129.1	+11.9
09		311 28.1	S15 00.8	142.2	+18.8
10		326 28.1	S15 00.0	156.8	+23.9
11		341 28.1	S14 59.2	172.5	+26.6
12		356 28.1	S14 58.4	188.7	+26.5
13		11 28.0	S14 57.7	204.4	+23.6
14		26 28.0	S14 56.9	218.9	+18.4
15		41 28.0	S14 56.1	232.0	+11.3
16		56 28.0	S14 55.3	243.8	+03.0
17		71 27.9	S14 54.5	254.9	-06.6
18		86 27.9	S14 53.7	265.8	-16.4
19		101 27.9	S14 52.9	277.1	-26.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		116 27.9	S14 52.1	289.8	-36.1
21		131 27.8	S14 51.3	304.9	-45.0
22		146 27.8	S14 50.5	324.1	-52.1
23		161 27.8	S14 49.7	348.0	-56.2
00	2027-02-09	176 27.8	S14 48.9	014.1	-56.0
01		191 27.7	S14 48.1	037.6	-51.6
02		206 27.7	S14 47.3	056.4	-44.2
03		221 27.7	S14 46.5	071.2	-35.3
04		236 27.7	S14 45.7	083.7	-25.5
05		251 27.7	S14 44.9	094.9	-15.5
06		266 27.6	S14 44.1	105.8	-05.7
07		281 27.6	S14 43.3	116.9	+03.8
08		296 27.6	S14 42.5	128.9	+12.1
09		311 27.6	S14 41.7	142.1	+19.1
10		326 27.6	S14 40.9	156.7	+24.2
11		341 27.5	S14 40.1	172.5	+26.9
12		356 27.5	S14 39.3	188.8	+26.8
13		11 27.5	S14 38.5	204.5	+23.9
14		26 27.5	S14 37.7	219.0	+18.7
15		41 27.5	S14 36.9	232.1	+11.6
16		56 27.5	S14 36.1	244.0	+03.3
17		71 27.4	S14 35.3	255.2	-06.3
18		86 27.4	S14 34.5	266.0	-16.2
19		101 27.4	S14 33.7	277.4	-26.1
20		116 27.4	S14 32.8	290.0	-35.8
21		131 27.4	S14 32.0	305.2	-44.7
22		146 27.4	S14 31.2	324.3	-51.8
23		161 27.4	S14 30.4	348.0	-55.9
00	2027-02-10	176 27.3	S14 29.6	014.0	-55.7
01		191 27.3	S14 28.8	037.4	-51.3
02		206 27.3	S14 28.0	056.1	-44.0
03		221 27.3	S14 27.2	071.0	-35.0
04		236 27.3	S14 26.4	083.5	-25.3
05		251 27.3	S14 25.6	094.7	-15.3
06		266 27.3	S14 24.8	105.6	-05.4
07		281 27.3	S14 23.9	116.7	+04.1
08		296 27.2	S14 23.1	128.7	+12.4
09		311 27.2	S14 22.3	141.9	+19.4
10		326 27.2	S14 21.5	156.6	+24.5
11		341 27.2	S14 20.7	172.5	+27.2
12		356 27.2	S14 19.9	188.8	+27.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		11 27.2	S14 19.1	204.6	+24.2
14		26 27.2	S14 18.3	219.2	+19.0
15		41 27.2	S14 17.4	232.3	+11.9
16		56 27.2	S14 16.6	244.2	+03.5
17		71 27.2	S14 15.8	255.4	-06.1
18		86 27.1	S14 15.0	266.3	-15.9
19		101 27.1	S14 14.2	277.6	-25.9
20		116 27.1	S14 13.4	290.3	-35.6
21		131 27.1	S14 12.6	305.4	-44.4
22		146 27.1	S14 11.7	324.5	-51.5
23		161 27.1	S14 10.9	348.1	-55.5
00	2027-02-11	176 27.1	S14 10.1	013.9	-55.3
01		191 27.1	S14 09.3	037.2	-51.0
02		206 27.1	S14 08.5	055.8	-43.7
03		221 27.1	S14 07.6	070.7	-34.8
04		236 27.1	S14 06.8	083.2	-25.0
05		251 27.1	S14 06.0	094.5	-15.0
06		266 27.1	S14 05.2	105.4	-05.2
07		281 27.1	S14 04.4	116.5	+04.3
08		296 27.1	S14 03.5	128.5	+12.7
09		311 27.1	S14 02.7	141.8	+19.7
10		326 27.1	S14 01.9	156.5	+24.8
11		341 27.1	S14 01.1	172.4	+27.5
12		356 27.1	S14 00.2	188.8	+27.4
13		11 27.1	S13 59.4	204.7	+24.6
14		26 27.1	S13 58.6	219.3	+19.3
15		41 27.1	S13 57.8	232.5	+12.1
16		56 27.1	S13 57.0	244.4	+03.8
17		71 27.1	S13 56.1	255.6	-05.8
18		86 27.1	S13 55.3	266.5	-15.7
19		101 27.1	S13 54.5	277.9	-25.7
20		116 27.1	S13 53.7	290.5	-35.3
21		131 27.1	S13 52.8	305.7	-44.1
22		146 27.1	S13 52.0	324.7	-51.2
23		161 27.1	S13 51.2	348.2	-55.2
00	2027-02-12	176 27.1	S13 50.3	013.8	-55.0
01		191 27.1	S13 49.5	036.9	-50.7
02		206 27.1	S13 48.7	055.6	-43.4
03		221 27.1	S13 47.9	070.5	-34.5
04		236 27.1	S13 47.0	083.0	-24.8
05		251 27.1	S13 46.2	094.2	-14.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		266 27.1	S13 45.4	105.2	-04.9
07		281 27.1	S13 44.5	116.3	+04.6
08		296 27.1	S13 43.7	128.3	+12.9
09		311 27.1	S13 42.9	141.6	+20.0
10		326 27.1	S13 42.0	156.4	+25.2
11		341 27.1	S13 41.2	172.4	+27.9
12		356 27.1	S13 40.4	188.9	+27.8
13		11 27.1	S13 39.5	204.8	+24.9
14		26 27.1	S13 38.7	219.5	+19.6
15		41 27.1	S13 37.9	232.7	+12.4
16		56 27.2	S13 37.0	244.6	+04.0
17		71 27.2	S13 36.2	255.8	-05.6
18		86 27.2	S13 35.4	266.7	-15.4
19		101 27.2	S13 34.5	278.1	-25.4
20		116 27.2	S13 33.7	290.8	-35.1
21		131 27.2	S13 32.9	305.9	-43.9
22		146 27.2	S13 32.0	324.9	-50.9
23		161 27.2	S13 31.2	348.3	-54.9
00	2027-02-13	176 27.2	S13 30.4	013.7	-54.7
01		191 27.2	S13 29.5	036.7	-50.4
02		206 27.3	S13 28.7	055.3	-43.2
03		221 27.3	S13 27.8	070.2	-34.3
04		236 27.3	S13 27.0	082.7	-24.5
05		251 27.3	S13 26.2	094.0	-14.6
06		266 27.3	S13 25.3	104.9	-04.7
07		281 27.3	S13 24.5	116.1	+04.8
08		296 27.3	S13 23.7	128.2	+13.2
09		311 27.3	S13 22.8	141.5	+20.3
10		326 27.4	S13 22.0	156.3	+25.5
11		341 27.4	S13 21.1	172.4	+28.2
12		356 27.4	S13 20.3	188.9	+28.1
13		11 27.4	S13 19.4	204.9	+25.2
14		26 27.4	S13 18.6	219.7	+19.9
15		41 27.4	S13 17.8	232.9	+12.7
16		56 27.4	S13 16.9	244.9	+04.3
17		71 27.5	S13 16.1	256.0	-05.3
18		86 27.5	S13 15.2	267.0	-15.2
19		101 27.5	S13 14.4	278.4	-25.2
20		116 27.5	S13 13.5	291.1	-34.8
21		131 27.5	S13 12.7	306.2	-43.6
22		146 27.5	S13 11.9	325.1	-50.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		161 27.6	S13 11.0	348.4	-54.5
00	2027-02-14	176 27.6	S13 10.2	013.6	-54.4
01		191 27.6	S13 09.3	036.5	-50.1
02		206 27.6	S13 08.5	055.1	-42.9
03		221 27.6	S13 07.6	069.9	-34.0
04		236 27.7	S13 06.8	082.5	-24.3
05		251 27.7	S13 05.9	093.8	-14.3
06		266 27.7	S13 05.1	104.7	-04.4
07		281 27.7	S13 04.2	115.9	+05.1
08		296 27.7	S13 03.4	128.0	+13.5
09		311 27.8	S13 02.5	141.3	+20.6
10		326 27.8	S13 01.7	156.2	+25.8
11		341 27.8	S13 00.8	172.3	+28.5
12		356 27.8	S12 60.0	189.0	+28.4
13		11 27.8	S12 59.1	205.1	+25.5
14		26 27.9	S12 58.3	219.8	+20.2
15		41 27.9	S12 57.4	233.1	+13.0
16		56 27.9	S12 56.6	245.1	+04.5
17		71 27.9	S12 55.7	256.3	-05.1
18		86 28.0	S12 54.9	267.2	-15.0
19		101 28.0	S12 54.0	278.6	-24.9
20		116 28.0	S12 53.2	291.3	-34.6
21		131 28.0	S12 52.3	306.5	-43.3
22		146 28.1	S12 51.5	325.3	-50.3
23		161 28.1	S12 50.6	348.5	-54.2
00	2027-02-15	176 28.1	S12 49.7	013.5	-54.0
01		191 28.1	S12 48.9	036.3	-49.8
02		206 28.2	S12 48.0	054.8	-42.6
03		221 28.2	S12 47.2	069.7	-33.7
04		236 28.2	S12 46.3	082.2	-24.0
05		251 28.3	S12 45.5	093.5	-14.0
06		266 28.3	S12 44.6	104.5	-04.2
07		281 28.3	S12 43.8	115.7	+05.4
08		296 28.3	S12 42.9	127.8	+13.8
09		311 28.4	S12 42.0	141.2	+20.9
10		326 28.4	S12 41.2	156.1	+26.1
11		341 28.4	S12 40.3	172.3	+28.9
12		356 28.5	S12 39.5	189.0	+28.8
13		11 28.5	S12 38.6	205.2	+25.8
14		26 28.5	S12 37.7	220.0	+20.5
15		41 28.6	S12 36.9	233.3	+13.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		56 28.6	S12 36.0	245.3	+04.8
17		71 28.6	S12 35.2	256.5	-04.8
18		86 28.6	S12 34.3	267.5	-14.7
19		101 28.7	S12 33.4	278.9	-24.7
20		116 28.7	S12 32.6	291.6	-34.3
21		131 28.7	S12 31.7	306.7	-43.0
22		146 28.8	S12 30.9	325.6	-50.0
23		161 28.8	S12 30.0	348.6	-53.9
00	2027-02-16	176 28.8	S12 29.1	013.5	-53.7
01		191 28.9	S12 28.3	036.1	-49.4
02		206 28.9	S12 27.4	054.6	-42.3
03		221 29.0	S12 26.5	069.4	-33.5
04		236 29.0	S12 25.7	082.0	-23.8
05		251 29.0	S12 24.8	093.3	-13.8
06		266 29.1	S12 23.9	104.3	-03.9
07		281 29.1	S12 23.1	115.5	+05.7
08		296 29.1	S12 22.2	127.6	+14.1
09		311 29.2	S12 21.3	141.0	+21.2
10		326 29.2	S12 20.5	156.0	+26.5
11		341 29.2	S12 19.6	172.3	+29.2
12		356 29.3	S12 18.7	189.1	+29.1
13		11 29.3	S12 17.9	205.3	+26.2
14		26 29.4	S12 17.0	220.2	+20.8
15		41 29.4	S12 16.1	233.5	+13.5
16		56 29.4	S12 15.3	245.5	+05.0
17		71 29.5	S12 14.4	256.7	-04.6
18		86 29.5	S12 13.5	267.7	-14.5
19		101 29.6	S12 12.7	279.2	-24.4
20		116 29.6	S12 11.8	291.9	-34.0
21		131 29.6	S12 10.9	307.0	-42.7
22		146 29.7	S12 10.1	325.8	-49.6
23		161 29.7	S12 09.2	348.7	-53.5
00	2027-02-17	176 29.8	S12 08.3	013.4	-53.3
01		191 29.8	S12 07.4	035.9	-49.1
02		206 29.8	S12 06.6	054.3	-42.0
03		221 29.9	S12 05.7	069.2	-33.2
04		236 29.9	S12 04.8	081.7	-23.5
05		251 30.0	S12 03.9	093.1	-13.5
06		266 30.0	S12 03.1	104.1	-03.6
07		281 30.1	S12 02.2	115.3	+05.9
08		296 30.1	S12 01.3	127.4	+14.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		311 30.1	S12 00.5	140.9	+21.6
10		326 30.2	S11 59.6	155.9	+26.8
11		341 30.2	S11 58.7	172.3	+29.6
12		356 30.3	S11 57.8	189.2	+29.5
13		11 30.3	S11 57.0	205.4	+26.5
14		26 30.4	S11 56.1	220.3	+21.1
15		41 30.4	S11 55.2	233.7	+13.8
16		56 30.5	S11 54.3	245.8	+05.3
17		71 30.5	S11 53.4	257.0	-04.3
18		86 30.6	S11 52.6	268.0	-14.2
19		101 30.6	S11 51.7	279.4	-24.2
20		116 30.7	S11 50.8	292.2	-33.8
21		131 30.7	S11 49.9	307.3	-42.5
22		146 30.7	S11 49.1	326.0	-49.3
23		161 30.8	S11 48.2	348.8	-53.2
00	2027-02-18	176 30.8	S11 47.3	013.3	-53.0
01		191 30.9	S11 46.4	035.7	-48.8
02		206 30.9	S11 45.5	054.1	-41.7
03		221 31.0	S11 44.7	068.9	-32.9
04		236 31.0	S11 43.8	081.5	-23.2
05		251 31.1	S11 42.9	092.9	-13.2
06		266 31.1	S11 42.0	103.8	-03.4
07		281 31.2	S11 41.1	115.1	+06.2
08		296 31.3	S11 40.3	127.3	+14.7
09		311 31.3	S11 39.4	140.8	+21.9
10		326 31.4	S11 38.5	155.8	+27.2
11		341 31.4	S11 37.6	172.3	+29.9
12		356 31.5	S11 36.7	189.2	+29.8
13		11 31.5	S11 35.8	205.6	+26.8
14		26 31.6	S11 35.0	220.5	+21.4
15		41 31.6	S11 34.1	233.9	+14.1
16		56 31.7	S11 33.2	246.0	+05.5
17		71 31.7	S11 32.3	257.2	-04.1
18		86 31.8	S11 31.4	268.3	-14.0
19		101 31.8	S11 30.5	279.7	-23.9
20		116 31.9	S11 29.7	292.5	-33.5
21		131 31.9	S11 28.8	307.6	-42.2
22		146 32.0	S11 27.9	326.2	-49.0
23		161 32.1	S11 27.0	348.9	-52.8
00	2027-02-19	176 32.1	S11 26.1	013.3	-52.6
01		191 32.2	S11 25.2	035.6	-48.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		206 32.2	S11 24.3	053.9	-41.4
03		221 32.3	S11 23.4	068.7	-32.6
04		236 32.3	S11 22.6	081.3	-23.0
05		251 32.4	S11 21.7	092.6	-13.0
06		266 32.5	S11 20.8	103.6	-03.1
07		281 32.5	S11 19.9	114.9	+06.5
08		296 32.6	S11 19.0	127.1	+15.0
09		311 32.6	S11 18.1	140.6	+22.2
10		326 32.7	S11 17.2	155.7	+27.5
11		341 32.8	S11 16.3	172.3	+30.3
12		356 32.8	S11 15.4	189.3	+30.2
13		11 32.9	S11 14.6	205.7	+27.2
14		26 32.9	S11 13.7	220.7	+21.7
15		41 33.0	S11 12.8	234.1	+14.4
16		56 33.1	S11 11.9	246.2	+05.8
17		71 33.1	S11 11.0	257.5	-03.8
18		86 33.2	S11 10.1	268.5	-13.7
19		101 33.2	S11 09.2	280.0	-23.7
20		116 33.3	S11 08.3	292.7	-33.3
21		131 33.4	S11 07.4	307.8	-41.9
22		146 33.4	S11 06.5	326.5	-48.7
23		161 33.5	S11 05.6	349.0	-52.5
00	2027-02-20	176 33.6	S11 04.7	013.2	-52.3
01		191 33.6	S11 03.8	035.4	-48.1
02		206 33.7	S11 02.9	053.6	-41.1
03		221 33.7	S11 02.1	068.4	-32.3
04		236 33.8	S11 01.2	081.0	-22.7
05		251 33.9	S11 00.3	092.4	-12.7
06		266 33.9	S10 59.4	103.4	-02.8
07		281 34.0	S10 58.5	114.7	+06.8
08		296 34.1	S10 57.6	126.9	+15.3
09		311 34.1	S10 56.7	140.5	+22.5
10		326 34.2	S10 55.8	155.7	+27.8
11		341 34.3	S10 54.9	172.2	+30.6
12		356 34.3	S10 54.0	189.4	+30.5
13		11 34.4	S10 53.1	205.9	+27.5
14		26 34.5	S10 52.2	220.9	+22.0
15		41 34.5	S10 51.3	234.4	+14.6
16		56 34.6	S10 50.4	246.5	+06.0
17		71 34.7	S10 49.5	257.8	-03.6
18		86 34.7	S10 48.6	268.8	-13.5
19		101 34.8	S10 47.7	280.3	-23.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		116 34.9	S10 46.8	293.0	-33.0
21		131 34.9	S10 45.9	308.1	-41.6
22		146 35.0	S10 45.0	326.7	-48.4
23		161 35.1	S10 44.1	349.1	-52.1
00	2027-02-21	176 35.2	S10 43.2	013.2	-51.9
01		191 35.2	S10 42.3	035.2	-47.8
02		206 35.3	S10 41.4	053.4	-40.8
03		221 35.4	S10 40.5	068.2	-32.0
04		236 35.4	S10 39.6	080.8	-22.4
05		251 35.5	S10 38.7	092.2	-12.4
06		266 35.6	S10 37.8	103.2	-02.5
07		281 35.7	S10 36.9	114.5	+07.1
08		296 35.7	S10 36.0	126.7	+15.6
09		311 35.8	S10 35.1	140.3	+22.9
10		326 35.9	S10 34.2	155.6	+28.2
11		341 35.9	S10 33.3	172.2	+31.0
12		356 36.0	S10 32.4	189.4	+30.9
13		11 36.1	S10 31.5	206.0	+27.8
14		26 36.2	S10 30.5	221.1	+22.3
15		41 36.2	S10 29.6	234.6	+14.9
16		56 36.3	S10 28.7	246.7	+06.3
17		71 36.4	S10 27.8	258.0	-03.3
18		86 36.5	S10 26.9	269.1	-13.3
19		101 36.5	S10 26.0	280.6	-23.2
20		116 36.6	S10 25.1	293.3	-32.7
21		131 36.7	S10 24.2	308.4	-41.3
22		146 36.8	S10 23.3	327.0	-48.0
23		161 36.8	S10 22.4	349.2	-51.8
00	2027-02-22	176 36.9	S10 21.5	013.1	-51.6
01		191 37.0	S10 20.6	035.0	-47.4
02		206 37.1	S10 19.7	053.2	-40.5
03		221 37.2	S10 18.8	068.0	-31.7
04		236 37.2	S10 17.8	080.5	-22.1
05		251 37.3	S10 16.9	091.9	-12.1
06		266 37.4	S10 16.0	103.0	-02.2
07		281 37.5	S10 15.1	114.3	+07.4
08		296 37.5	S10 14.2	126.5	+16.0
09		311 37.6	S10 13.3	140.2	+23.2
10		326 37.7	S10 12.4	155.5	+28.6
11		341 37.8	S10 11.5	172.2	+31.4
12		356 37.9	S10 10.6	189.5	+31.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		11 37.9	S10 09.7	206.2	+28.2
14		26 38.0	S10 08.7	221.3	+22.6
15		41 38.1	S10 07.8	234.8	+15.2
16		56 38.2	S10 06.9	247.0	+06.6
17		71 38.3	S10 06.0	258.3	-03.1
18		86 38.4	S10 05.1	269.3	-13.0
19		101 38.4	S10 04.2	280.8	-22.9
20		116 38.5	S10 03.3	293.6	-32.5
21		131 38.6	S10 02.4	308.7	-41.0
22		146 38.7	S10 01.4	327.2	-47.7
23		161 38.8	S10 00.5	349.4	-51.4
00	2027-02-23	176 38.8	S09 59.6	013.1	-51.2
01		191 38.9	S09 58.7	034.9	-47.1
02		206 39.0	S09 57.8	052.9	-40.1
03		221 39.1	S09 56.9	067.7	-31.4
04		236 39.2	S09 56.0	080.3	-21.8
05		251 39.3	S09 55.0	091.7	-11.8
06		266 39.4	S09 54.1	102.7	-01.9
07		281 39.4	S09 53.2	114.1	+07.7
08		296 39.5	S09 52.3	126.4	+16.3
09		311 39.6	S09 51.4	140.0	+23.6
10		326 39.7	S09 50.5	155.4	+28.9
11		341 39.8	S09 49.5	172.2	+31.7
12		356 39.9	S09 48.6	189.6	+31.6
13		11 40.0	S09 47.7	206.3	+28.5
14		26 40.0	S09 46.8	221.5	+22.9
15		41 40.1	S09 45.9	235.1	+15.5
16		56 40.2	S09 44.9	247.2	+06.8
17		71 40.3	S09 44.0	258.5	-02.8
18		86 40.4	S09 43.1	269.6	-12.8
19		101 40.5	S09 42.2	281.1	-22.7
20		116 40.6	S09 41.3	293.9	-32.2
21		131 40.7	S09 40.3	309.0	-40.7
22		146 40.7	S09 39.4	327.5	-47.4
23		161 40.8	S09 38.5	349.5	-51.1
00	2027-02-24	176 40.9	S09 37.6	013.0	-50.8
01		191 41.0	S09 36.7	034.7	-46.7
02		206 41.1	S09 35.7	052.7	-39.8
03		221 41.2	S09 34.8	067.5	-31.1
04		236 41.3	S09 33.9	080.1	-21.5
05		251 41.4	S09 33.0	091.5	-11.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		266 41.5	S09 32.1	102.5	-01.6
07		281 41.6	S09 31.1	113.9	+08.0
08		296 41.6	S09 30.2	126.2	+16.6
09		311 41.7	S09 29.3	139.9	+23.9
10		326 41.8	S09 28.4	155.3	+29.3
11		341 41.9	S09 27.4	172.2	+32.1
12		356 42.0	S09 26.5	189.7	+31.9
13		11 42.1	S09 25.6	206.5	+28.8
14		26 42.2	S09 24.7	221.7	+23.3
15		41 42.3	S09 23.7	235.3	+15.8
16		56 42.4	S09 22.8	247.5	+07.1
17		71 42.5	S09 21.9	258.8	-02.6
18		86 42.6	S09 21.0	269.9	-12.5
19		101 42.7	S09 20.0	281.4	-22.4
20		116 42.8	S09 19.1	294.2	-31.9
21		131 42.9	S09 18.2	309.3	-40.4
22		146 43.0	S09 17.3	327.7	-47.1
23		161 43.1	S09 16.3	349.6	-50.7
00	2027-02-25	176 43.1	S09 15.4	013.0	-50.5
01		191 43.2	S09 14.5	034.6	-46.4
02		206 43.3	S09 13.6	052.5	-39.5
03		221 43.4	S09 12.6	067.2	-30.8
04		236 43.5	S09 11.7	079.8	-21.2
05		251 43.6	S09 10.8	091.2	-11.2
06		266 43.7	S09 09.9	102.3	-01.3
07		281 43.8	S09 08.9	113.7	+08.3
08		296 43.9	S09 08.0	126.0	+16.9
09		311 44.0	S09 07.1	139.8	+24.3
10		326 44.1	S09 06.1	155.2	+29.6
11		341 44.2	S09 05.2	172.2	+32.5
12		356 44.3	S09 04.3	189.8	+32.3
13		11 44.4	S09 03.3	206.7	+29.2
14		26 44.5	S09 02.4	222.0	+23.6
15		41 44.6	S09 01.5	235.6	+16.1
16		56 44.7	S09 00.6	247.8	+07.4
17		71 44.8	S08 59.6	259.1	-02.3
18		86 44.9	S08 58.7	270.2	-12.3
19		101 45.0	S08 57.8	281.7	-22.2
20		116 45.1	S08 56.8	294.5	-31.7
21		131 45.2	S08 55.9	309.6	-40.1
22		146 45.3	S08 55.0	327.9	-46.7

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		161 45.4	S08 54.0	349.7	-50.3
00	2027-02-26	176 45.5	S08 53.1	013.0	-50.1
01		191 45.6	S08 52.2	034.4	-46.0
02		206 45.7	S08 51.2	052.3	-39.1
03		221 45.8	S08 50.3	067.0	-30.5
04		236 45.9	S08 49.4	079.6	-20.9
05		251 46.0	S08 48.4	091.0	-10.9
06		266 46.1	S08 47.5	102.1	-01.0
07		281 46.2	S08 46.6	113.5	+08.6
08		296 46.3	S08 45.6	125.8	+17.3
09		311 46.4	S08 44.7	139.6	+24.6
10		326 46.5	S08 43.8	155.2	+30.0
11		341 46.6	S08 42.8	172.2	+32.8
12		356 46.7	S08 41.9	189.9	+32.7
13		11 46.9	S08 41.0	206.8	+29.5
14		26 47.0	S08 40.0	222.2	+23.9
15		41 47.1	S08 39.1	235.8	+16.4
16		56 47.2	S08 38.2	248.0	+07.6
17		71 47.3	S08 37.2	259.4	-02.1
18		86 47.4	S08 36.3	270.5	-12.0
19		101 47.5	S08 35.3	282.0	-21.9
20		116 47.6	S08 34.4	294.8	-31.4
21		131 47.7	S08 33.5	309.9	-39.8
22		146 47.8	S08 32.5	328.2	-46.4
23		161 47.9	S08 31.6	349.9	-50.0
00	2027-02-27	176 48.0	S08 30.7	013.0	-49.7
01		191 48.1	S08 29.7	034.3	-45.7
02		206 48.2	S08 28.8	052.1	-38.8
03		221 48.3	S08 27.8	066.8	-30.2
04		236 48.4	S08 26.9	079.4	-20.6
05		251 48.6	S08 26.0	090.8	-10.6
06		266 48.7	S08 25.0	101.9	-00.1
07		281 48.8	S08 24.1	113.3	+08.9
08		296 48.9	S08 23.1	125.6	+17.6
09		311 49.0	S08 22.2	139.5	+25.0
10		326 49.1	S08 21.3	155.1	+30.4
11		341 49.2	S08 20.3	172.3	+33.2
12		356 49.3	S08 19.4	190.0	+33.0
13		11 49.4	S08 18.4	207.0	+29.9
14		26 49.5	S08 17.5	222.4	+24.2
15		41 49.7	S08 16.6	236.1	+16.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		56 49.8	S08 15.6	248.3	+07.9
17		71 49.9	S08 14.7	259.7	-01.8
18		86 50.0	S08 13.7	270.8	-11.8
19		101 50.1	S08 12.8	282.3	-21.7
20		116 50.2	S08 11.9	295.1	-31.1
21		131 50.3	S08 10.9	310.2	-39.5
22		146 50.4	S08 10.0	328.4	-46.1
23		161 50.5	S08 09.0	350.0	-49.6
00	2027-02-28	176 50.7	S08 08.1	012.9	-49.3
01		191 50.8	S08 07.1	034.1	-45.3
02		206 50.9	S08 06.2	051.9	-38.5
03		221 51.0	S08 05.3	066.5	-29.9
04		236 51.1	S08 04.3	079.1	-20.3
05		251 51.2	S08 03.4	090.6	-10.3
06		266 51.3	S08 02.4	101.7	+00.2
07		281 51.4	S08 01.5	113.1	+09.3
08		296 51.6	S08 00.5	125.5	+17.9
09		311 51.7	S07 59.6	139.3	+25.3
10		326 51.8	S07 58.6	155.0	+30.8
11		341 51.9	S07 57.7	172.3	+33.6
12		356 52.0	S07 56.7	190.1	+33.4
13		11 52.1	S07 55.8	207.2	+30.2
14		26 52.3	S07 54.9	222.7	+24.5
15		41 52.4	S07 53.9	236.3	+16.9
16		56 52.5	S07 53.0	248.6	+08.1
17		71 52.6	S07 52.0	259.9	-01.6
18		86 52.7	S07 51.1	271.1	-11.5
19		101 52.8	S07 50.1	282.6	-21.4
20		116 53.0	S07 49.2	295.5	-30.9
21		131 53.1	S07 48.2	310.5	-39.2
22		146 53.2	S07 47.3	328.7	-45.7
23		161 53.3	S07 46.3	350.1	-49.2
00	2027-03-01	176 53.4	S07 45.4	012.9	-48.9
01		191 53.5	S07 44.4	034.0	-44.9
02		206 53.7	S07 43.5	051.7	-38.1
03		221 53.8	S07 42.5	066.3	-29.5
04		236 53.9	S07 41.6	078.9	-20.0
05		251 54.0	S07 40.6	090.3	-10.0
06		266 54.1	S07 39.7	101.5	+00.4
07		281 54.3	S07 38.7	112.9	+09.6
08		296 54.4	S07 37.8	125.3	+18.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		311 54.5	S07 36.8	139.2	+25.7
10		326 54.6	S07 35.9	154.9	+31.1
11		341 54.7	S07 34.9	172.3	+34.0
12		356 54.9	S07 34.0	190.2	+33.8
13		11 55.0	S07 33.0	207.4	+30.6
14		26 55.1	S07 32.1	222.9	+24.8
15		41 55.2	S07 31.1	236.6	+17.2
16		56 55.3	S07 30.2	248.8	+08.4
17		71 55.5	S07 29.2	260.2	-01.3
18		86 55.6	S07 28.3	271.4	-11.3
19		101 55.7	S07 27.3	282.9	-21.2
20		116 55.8	S07 26.4	295.8	-30.6
21		131 55.9	S07 25.4	310.8	-38.9
22		146 56.1	S07 24.5	329.0	-45.4
23		161 56.2	S07 23.5	350.3	-48.9
00	2027-03-02	176 56.3	S07 22.6	012.9	-48.6
01		191 56.4	S07 21.6	033.8	-44.6
02		206 56.6	S07 20.7	051.5	-37.8
03		221 56.7	S07 19.7	066.1	-29.2
04		236 56.8	S07 18.8	078.7	-19.7
05		251 56.9	S07 17.8	090.1	-09.7
06		266 57.1	S07 16.9	101.2	+00.7
07		281 57.2	S07 15.9	112.7	+09.9
08		296 57.3	S07 14.9	125.1	+18.6
09		311 57.4	S07 14.0	139.1	+26.0
10		326 57.6	S07 13.0	154.9	+31.5
11		341 57.7	S07 12.1	172.3	+34.4
12		356 57.8	S07 11.1	190.3	+34.1
13		11 57.9	S07 10.2	207.6	+30.9
14		26 58.1	S07 09.2	223.1	+25.1
15		41 58.2	S07 08.3	236.9	+17.5
16		56 58.3	S07 07.3	249.1	+08.7
17		71 58.4	S07 06.4	260.5	-01.1
18		86 58.6	S07 05.4	271.7	-11.0
19		101 58.7	S07 04.4	283.2	-20.9
20		116 58.8	S07 03.5	296.1	-30.3
21		131 58.9	S07 02.5	311.1	-38.6
22		146 59.1	S07 01.6	329.2	-45.0
23		161 59.2	S07 00.6	350.4	-48.5
00	2027-03-03	176 59.3	S06 59.7	012.9	-48.2
01		191 59.5	S06 58.7	033.7	-44.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		206 59.6	S06 57.7	051.3	-37.4
03		221 59.7	S06 56.8	065.9	-28.9
04		236 59.8	S06 55.8	078.4	-19.3
05		251 60.0	S06 54.9	089.9	-09.4
06		267 00.1	S06 53.9	101.0	+01.0
07		282 00.2	S06 53.0	112.5	+10.2
08		297 00.4	S06 52.0	124.9	+19.0
09		312 00.5	S06 51.0	138.9	+26.4
10		327 00.6	S06 50.1	154.8	+31.9
11		342 00.7	S06 49.1	172.3	+34.7
12		357 00.9	S06 48.2	190.4	+34.5
13		12 01.0	S06 47.2	207.8	+31.3
14		27 01.1	S06 46.2	223.4	+25.5
15		42 01.3	S06 45.3	237.1	+17.8
16		57 01.4	S06 44.3	249.4	+08.9
17		72 01.5	S06 43.4	260.8	-00.2
18		87 01.7	S06 42.4	272.0	-10.8
19		102 01.8	S06 41.4	283.6	-20.7
20		117 01.9	S06 40.5	296.4	-30.0
21		132 02.1	S06 39.5	311.4	-38.3
22		147 02.2	S06 38.6	329.5	-44.7
23		162 02.3	S06 37.6	350.6	-48.1
00	2027-03-04	177 02.5	S06 36.6	012.9	-47.8
01		192 02.6	S06 35.7	033.6	-43.8
02		207 02.7	S06 34.7	051.1	-37.1
03		222 02.9	S06 33.8	065.7	-28.5
04		237 03.0	S06 32.8	078.2	-19.0
05		252 03.1	S06 31.8	089.7	-09.1
06		267 03.3	S06 30.9	100.8	+01.3
07		282 03.4	S06 29.9	112.3	+10.6
08		297 03.5	S06 28.9	124.8	+19.3
09		312 03.7	S06 28.0	138.8	+26.8
10		327 03.8	S06 27.0	154.7	+32.3
11		342 03.9	S06 26.1	172.3	+35.1
12		357 04.1	S06 25.1	190.6	+34.9
13		12 04.2	S06 24.1	208.0	+31.6
14		27 04.3	S06 23.2	223.6	+25.8
15		42 04.5	S06 22.2	237.4	+18.1
16		57 04.6	S06 21.2	249.7	+09.2
17		72 04.7	S06 20.3	261.1	+00.0
18		87 04.9	S06 19.3	272.3	-10.5
19		102 05.0	S06 18.4	283.9	-20.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		117 05.1	S06 17.4	296.7	-29.8
21		132 05.3	S06 16.4	311.7	-38.0
22		147 05.4	S06 15.5	329.7	-44.3
23		162 05.6	S06 14.5	350.7	-47.7
00	2027-03-05	177 05.7	S06 13.5	012.9	-47.4
01		192 05.8	S06 12.6	033.4	-43.4
02		207 06.0	S06 11.6	050.9	-36.7
03		222 06.1	S06 10.6	065.4	-28.2
04		237 06.2	S06 09.7	078.0	-18.7
05		252 06.4	S06 08.7	089.5	-08.7
06		267 06.5	S06 07.7	100.6	+01.6
07		282 06.7	S06 06.8	112.1	+10.9
08		297 06.8	S06 05.8	124.6	+19.7
09		312 06.9	S06 04.8	138.7	+27.1
10		327 07.1	S06 03.9	154.7	+32.7
11		342 07.2	S06 02.9	172.4	+35.5
12		357 07.4	S06 01.9	190.7	+35.3
13		12 07.5	S06 01.0	208.2	+32.0
14		27 07.6	S06 00.0	223.9	+26.1
15		42 07.8	S05 59.0	237.7	+18.4
16		57 07.9	S05 58.1	250.0	+09.5
17		72 08.1	S05 57.1	261.4	+00.2
18		87 08.2	S05 56.1	272.6	-10.3
19		102 08.3	S05 55.2	284.2	-20.1
20		117 08.5	S05 54.2	297.0	-29.5
21		132 08.6	S05 53.2	312.0	-37.7
22		147 08.8	S05 52.3	330.0	-44.0
23		162 08.9	S05 51.3	350.9	-47.4
00	2027-03-06	177 09.0	S05 50.3	012.9	-47.0
01		192 09.2	S05 49.4	033.3	-43.1
02		207 09.3	S05 48.4	050.7	-36.3
03		222 09.5	S05 47.4	065.2	-27.8
04		237 09.6	S05 46.5	077.8	-18.4
05		252 09.8	S05 45.5	089.2	-08.4
06		267 09.9	S05 44.5	100.4	+01.9
07		282 10.0	S05 43.5	111.9	+11.2
08		297 10.2	S05 42.6	124.4	+20.0
09		312 10.3	S05 41.6	138.5	+27.5
10		327 10.5	S05 40.6	154.6	+33.0
11		342 10.6	S05 39.7	172.4	+35.9
12		357 10.8	S05 38.7	190.8	+35.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		12 10.9	S05 37.7	208.4	+32.3
14		27 11.0	S05 36.8	224.1	+26.4
15		42 11.2	S05 35.8	238.0	+18.7
16		57 11.3	S05 34.8	250.3	+09.7
17		72 11.5	S05 33.8	261.7	+00.4
18		87 11.6	S05 32.9	272.9	-10.0
19		102 11.8	S05 31.9	284.5	-19.9
20		117 11.9	S05 30.9	297.3	-29.2
21		132 12.1	S05 30.0	312.3	-37.4
22		147 12.2	S05 29.0	330.2	-43.7
23		162 12.3	S05 28.0	351.0	-47.0
00	2027-03-07	177 12.5	S05 27.0	012.9	-46.6
01		192 12.6	S05 26.1	033.2	-42.7
02		207 12.8	S05 25.1	050.5	-36.0
03		222 12.9	S05 24.1	065.0	-27.5
04		237 13.1	S05 23.2	077.5	-18.0
05		252 13.2	S05 22.2	089.0	-08.1
06		267 13.4	S05 21.2	100.2	+02.2
07		282 13.5	S05 20.2	111.7	+11.6
08		297 13.7	S05 19.3	124.2	+20.4
09		312 13.8	S05 18.3	138.4	+27.9
10		327 14.0	S05 17.3	154.5	+33.4
11		342 14.1	S05 16.4	172.4	+36.3
12		357 14.3	S05 15.4	190.9	+36.0
13		12 14.4	S05 14.4	208.6	+32.7
14		27 14.6	S05 13.4	224.4	+26.7
15		42 14.7	S05 12.5	238.2	+18.9
16		57 14.9	S05 11.5	250.6	+10.0
17		72 15.0	S05 10.5	262.0	+00.7
18		87 15.2	S05 09.5	273.2	-09.8
19		102 15.3	S05 08.6	284.8	-19.6
20		117 15.4	S05 07.6	297.7	-28.9
21		132 15.6	S05 06.6	312.6	-37.1
22		147 15.7	S05 05.6	330.5	-43.3
23		162 15.9	S05 04.7	351.1	-46.6
00	2027-03-08	177 16.0	S05 03.7	012.9	-46.2
01		192 16.2	S05 02.7	033.1	-42.3
02		207 16.3	S05 01.7	050.3	-35.6
03		222 16.5	S05 00.8	064.8	-27.2
04		237 16.6	S04 59.8	077.3	-17.7
05		252 16.8	S04 58.8	088.8	-07.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		267 17.0	S04 57.8	100.0	+02.5
07		282 17.1	S04 56.9	111.5	+11.9
08		297 17.3	S04 55.9	124.0	+20.7
09		312 17.4	S04 54.9	138.2	+28.3
10		327 17.6	S04 53.9	154.5	+33.8
11		342 17.7	S04 53.0	172.5	+36.7
12		357 17.9	S04 52.0	191.1	+36.4
13		12 18.0	S04 51.0	208.8	+33.0
14		27 18.2	S04 50.0	224.7	+27.0
15		42 18.3	S04 49.1	238.5	+19.2
16		57 18.5	S04 48.1	250.9	+10.2
17		72 18.6	S04 47.1	262.3	+00.9
18		87 18.8	S04 46.1	273.5	-09.5
19		102 18.9	S04 45.2	285.1	-19.4
20		117 19.1	S04 44.2	298.0	-28.6
21		132 19.2	S04 43.2	312.9	-36.8
22		147 19.4	S04 42.2	330.7	-43.0
23		162 19.5	S04 41.3	351.3	-46.2
00	2027-03-09	177 19.7	S04 40.3	012.9	-45.8
01		192 19.8	S04 39.3	033.0	-41.9
02		207 20.0	S04 38.3	050.1	-35.2
03		222 20.2	S04 37.3	064.6	-26.8
04		237 20.3	S04 36.4	077.1	-17.4
05		252 20.5	S04 35.4	088.6	-07.4
06		267 20.6	S04 34.4	099.7	+02.8
07		282 20.8	S04 33.4	111.3	+12.3
08		297 20.9	S04 32.5	123.9	+21.1
09		312 21.1	S04 31.5	138.1	+28.6
10		327 21.2	S04 30.5	154.4	+34.2
11		342 21.4	S04 29.5	172.5	+37.1
12		357 21.6	S04 28.5	191.2	+36.8
13		12 21.7	S04 27.6	209.0	+33.4
14		27 21.9	S04 26.6	224.9	+27.4
15		42 22.0	S04 25.6	238.8	+19.5
16		57 22.2	S04 24.6	251.2	+10.5
17		72 22.3	S04 23.7	262.6	+01.1
18		87 22.5	S04 22.7	273.8	-09.3
19		102 22.6	S04 21.7	285.4	-19.1
20		117 22.8	S04 20.7	298.3	-28.4
21		132 23.0	S04 19.7	313.2	-36.5
22		147 23.1	S04 18.8	331.0	-42.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		162 23.3	S04 17.8	351.4	-45.8
00	2027-03-10	177 23.4	S04 16.8	012.9	-45.4
01		192 23.6	S04 15.8	032.8	-41.5
02		207 23.7	S04 14.8	050.0	-34.9
03		222 23.9	S04 13.9	064.4	-26.5
04		237 24.1	S04 12.9	076.9	-17.0
05		252 24.2	S04 11.9	088.4	-07.1
06		267 24.4	S04 10.9	099.5	+03.1
07		282 24.5	S04 09.9	111.1	+12.6
08		297 24.7	S04 09.0	123.7	+21.5
09		312 24.9	S04 08.0	138.0	+29.0
10		327 25.0	S04 07.0	154.3	+34.6
11		342 25.2	S04 06.0	172.5	+37.5
12		357 25.3	S04 05.0	191.4	+37.2
13		12 25.5	S04 04.1	209.3	+33.7
14		27 25.7	S04 03.1	225.2	+27.7
15		42 25.8	S04 02.1	239.1	+19.8
16		57 26.0	S04 01.1	251.5	+10.8
17		72 26.1	S04 00.1	262.9	+01.3
18		87 26.3	S03 59.2	274.1	-09.0
19		102 26.5	S03 58.2	285.8	-18.8
20		117 26.6	S03 57.2	298.6	-28.1
21		132 26.8	S03 56.2	313.5	-36.2
22		147 26.9	S03 55.2	331.2	-42.3
23		162 27.1	S03 54.2	351.6	-45.4
00	2027-03-11	177 27.3	S03 53.3	012.9	-45.0
01		192 27.4	S03 52.3	032.7	-41.1
02		207 27.6	S03 51.3	049.8	-34.5
03		222 27.7	S03 50.3	064.2	-26.1
04		237 27.9	S03 49.3	076.7	-16.7
05		252 28.1	S03 48.4	088.1	-06.8
06		267 28.2	S03 47.4	099.3	+03.4
07		282 28.4	S03 46.4	110.9	+12.9
08		297 28.6	S03 45.4	123.5	+21.8
09		312 28.7	S03 44.4	137.8	+29.4
10		327 28.9	S03 43.4	154.3	+35.0
11		342 29.0	S03 42.5	172.6	+37.9
12		357 29.2	S03 41.5	191.5	+37.5
13		12 29.4	S03 40.5	209.5	+34.1
14		27 29.5	S03 39.5	225.5	+28.0
15		42 29.7	S03 38.5	239.4	+20.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		57 29.9	S03 37.6	251.8	+11.0
17		72 30.0	S03 36.6	263.2	+01.6
18		87 30.2	S03 35.6	274.4	-08.8
19		102 30.3	S03 34.6	286.1	-18.6
20		117 30.5	S03 33.6	298.9	-27.8
21		132 30.7	S03 32.6	313.9	-35.8
22		147 30.8	S03 31.7	331.5	-41.9
23		162 31.0	S03 30.7	351.7	-45.1
00	2027-03-12	177 31.2	S03 29.7	012.9	-44.6
01		192 31.3	S03 28.7	032.6	-40.7
02		207 31.5	S03 27.7	049.6	-34.1
03		222 31.7	S03 26.7	064.0	-25.8
04		237 31.8	S03 25.8	076.5	-16.3
05		252 32.0	S03 24.8	087.9	-06.4
06		267 32.2	S03 23.8	099.1	+03.8
07		282 32.3	S03 22.8	110.7	+13.3
08		297 32.5	S03 21.8	123.3	+22.2
09		312 32.7	S03 20.8	137.7	+29.8
10		327 32.8	S03 19.9	154.2	+35.4
11		342 33.0	S03 18.9	172.6	+38.3
12		357 33.2	S03 17.9	191.7	+37.9
13		12 33.3	S03 16.9	209.7	+34.4
14		27 33.5	S03 15.9	225.8	+28.3
15		42 33.6	S03 14.9	239.7	+20.4
16		57 33.8	S03 13.9	252.1	+11.3
17		72 34.0	S03 13.0	263.5	+01.8
18		87 34.1	S03 12.0	274.7	-08.5
19		102 34.3	S03 11.0	286.4	-18.3
20		117 34.5	S03 10.0	299.3	-27.5
21		132 34.7	S03 09.0	314.2	-35.5
22		147 34.8	S03 08.0	331.7	-41.6
23		162 35.0	S03 07.1	351.9	-44.7
00	2027-03-13	177 35.2	S03 06.1	012.9	-44.2
01		192 35.3	S03 05.1	032.5	-40.3
02		207 35.5	S03 04.1	049.4	-33.8
03		222 35.7	S03 03.1	063.8	-25.4
04		237 35.8	S03 02.1	076.2	-16.0
05		252 36.0	S03 01.1	087.7	-06.1
06		267 36.2	S03 00.2	098.9	+04.1
07		282 36.3	S02 59.2	110.5	+13.6
08		297 36.5	S02 58.2	123.2	+22.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		312 36.7	S02 57.2	137.6	+30.2
10		327 36.8	S02 56.2	154.1	+35.8
11		342 37.0	S02 55.2	172.6	+38.7
12		357 37.2	S02 54.2	191.8	+38.3
13		12 37.3	S02 53.3	210.0	+34.8
14		27 37.5	S02 52.3	226.0	+28.6
15		42 37.7	S02 51.3	240.0	+20.6
16		57 37.9	S02 50.3	252.4	+11.5
17		72 38.0	S02 49.3	263.8	+02.0
18		87 38.2	S02 48.3	275.1	-08.3
19		102 38.4	S02 47.3	286.7	-18.1
20		117 38.5	S02 46.4	299.6	-27.2
21		132 38.7	S02 45.4	314.5	-35.2
22		147 38.9	S02 44.4	332.0	-41.2
23		162 39.0	S02 43.4	352.0	-44.3
00	2027-03-14	177 39.2	S02 42.4	012.9	-43.8
01		192 39.4	S02 41.4	032.4	-40.0
02		207 39.6	S02 40.4	049.3	-33.4
03		222 39.7	S02 39.5	063.6	-25.0
04		237 39.9	S02 38.5	076.0	-15.7
05		252 40.1	S02 37.5	087.5	-05.8
06		267 40.2	S02 36.5	098.7	+04.4
07		282 40.4	S02 35.5	110.3	+14.0
08		297 40.6	S02 34.5	123.0	+22.9
09		312 40.8	S02 33.5	137.4	+30.5
10		327 40.9	S02 32.6	154.1	+36.2
11		342 41.1	S02 31.6	172.7	+39.1
12		357 41.3	S02 30.6	192.0	+38.7
13		12 41.4	S02 29.6	210.2	+35.1
14		27 41.6	S02 28.6	226.3	+28.9
15		42 41.8	S02 27.6	240.3	+20.9
16		57 42.0	S02 26.6	252.7	+11.8
17		72 42.1	S02 25.6	264.2	+02.2
18		87 42.3	S02 24.7	275.4	-08.0
19		102 42.5	S02 23.7	287.0	-17.8
20		117 42.7	S02 22.7	299.9	-27.0
21		132 42.8	S02 21.7	314.8	-34.9
22		147 43.0	S02 20.7	332.2	-40.8
23		162 43.2	S02 19.7	352.2	-43.9
00	2027-03-15	177 43.3	S02 18.7	012.9	-43.4
01		192 43.5	S02 17.8	032.3	-39.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		207 43.7	S02 16.8	049.1	-33.0
03		222 43.9	S02 15.8	063.4	-24.7
04		237 44.0	S02 14.8	075.8	-15.3
05		252 44.2	S02 13.8	087.3	-05.4
06		267 44.4	S02 12.8	098.5	+04.7
07		282 44.6	S02 11.8	110.1	+14.3
08		297 44.7	S02 10.8	122.8	+23.3
09		312 44.9	S02 09.9	137.3	+30.9
10		327 45.1	S02 08.9	154.0	+36.6
11		342 45.3	S02 07.9	172.7	+39.5
12		357 45.4	S02 06.9	192.1	+39.1
13		12 45.6	S02 05.9	210.4	+35.4
14		27 45.8	S02 04.9	226.6	+29.2
15		42 46.0	S02 03.9	240.6	+21.2
16		57 46.1	S02 02.9	253.0	+12.1
17		72 46.3	S02 02.0	264.5	+02.5
18		87 46.5	S02 01.0	275.7	-07.8
19		102 46.7	S01 60.0	287.4	-17.5
20		117 46.8	S01 59.0	300.2	-26.7
21		132 47.0	S01 58.0	315.1	-34.6
22		147 47.2	S01 57.0	332.5	-40.5
23		162 47.4	S01 56.0	352.3	-43.5
00	2027-03-16	177 47.5	S01 55.0	012.9	-43.0
01		192 47.7	S01 54.1	032.2	-39.2
02		207 47.9	S01 53.1	048.9	-32.6
03		222 48.1	S01 52.1	063.2	-24.3
04		237 48.2	S01 51.1	075.6	-15.0
05		252 48.4	S01 50.1	087.1	-05.1
06		267 48.6	S01 49.1	098.3	+05.1
07		282 48.8	S01 48.1	109.9	+14.7
08		297 49.0	S01 47.1	122.6	+23.6
09		312 49.1	S01 46.1	137.2	+31.3
10		327 49.3	S01 45.2	154.0	+37.0
11		342 49.5	S01 44.2	172.8	+39.9
12		357 49.7	S01 43.2	192.3	+39.4
13		12 49.8	S01 42.2	210.7	+35.8
14		27 50.0	S01 41.2	226.9	+29.5
15		42 50.2	S01 40.2	240.9	+21.5
16		57 50.4	S01 39.2	253.3	+12.3
17		72 50.6	S01 38.2	264.8	+02.7
18		87 50.7	S01 37.3	276.0	-07.5
19		102 50.9	S01 36.3	287.7	-17.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		117 51.1	S01 35.3	300.5	-26.4
21		132 51.3	S01 34.3	315.4	-34.3
22		147 51.4	S01 33.3	332.7	-40.1
23		162 51.6	S01 32.3	352.5	-43.1
00	2027-03-17	177 51.8	S01 31.3	013.0	-42.6
01		192 52.0	S01 30.3	032.1	-38.8
02		207 52.2	S01 29.3	048.8	-32.3
03		222 52.3	S01 28.4	063.0	-24.0
04		237 52.5	S01 27.4	075.4	-14.6
05		252 52.7	S01 26.4	086.9	-04.7
06		267 52.9	S01 25.4	098.1	+05.4
07		282 53.1	S01 24.4	109.7	+15.0
08		297 53.2	S01 23.4	122.4	+24.0
09		312 53.4	S01 22.4	137.0	+31.7
10		327 53.6	S01 21.4	153.9	+37.4
11		342 53.8	S01 20.5	172.8	+40.3
12		357 53.9	S01 19.5	192.4	+39.8
13		12 54.1	S01 18.5	210.9	+36.1
14		27 54.3	S01 17.5	227.2	+29.9
15		42 54.5	S01 16.5	241.2	+21.8
16		57 54.7	S01 15.5	253.6	+12.6
17		72 54.8	S01 14.5	265.1	+02.9
18		87 55.0	S01 13.5	276.3	-07.3
19		102 55.2	S01 12.5	288.0	-17.0
20		117 55.4	S01 11.6	300.9	-26.1
21		132 55.6	S01 10.6	315.7	-34.0
22		147 55.7	S01 09.6	333.0	-39.8
23		162 55.9	S01 08.6	352.6	-42.7
00	2027-03-18	177 56.1	S01 07.6	013.0	-42.2
01		192 56.3	S01 06.6	032.0	-38.4
02		207 56.5	S01 05.6	048.6	-31.9
03		222 56.7	S01 04.6	062.8	-23.6
04		237 56.8	S01 03.7	075.2	-14.3
05		252 57.0	S01 02.7	086.7	-04.4
06		267 57.2	S01 01.7	097.9	+05.8
07		282 57.4	S01 00.7	109.5	+15.4
08		297 57.6	S00 59.7	122.3	+24.4
09		312 57.7	S00 58.7	136.9	+32.1
10		327 57.9	S00 57.7	153.8	+37.8
11		342 58.1	S00 56.7	172.9	+40.7
12		357 58.3	S00 55.7	192.6	+40.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		12 58.5	S00 54.8	211.2	+36.5
14		27 58.6	S00 53.8	227.5	+30.2
15		42 58.8	S00 52.8	241.6	+22.0
16		57 59.0	S00 51.8	254.0	+12.8
17		72 59.2	S00 50.8	265.4	+03.2
18		87 59.4	S00 49.8	276.6	-07.0
19		102 59.6	S00 48.8	288.3	-16.8
20		117 59.7	S00 47.8	301.2	-25.8
21		132 59.9	S00 46.8	316.0	-33.6
22		148 00.1	S00 45.9	333.2	-39.4
23		163 00.3	S00 44.9	352.7	-42.3
00	2027-03-19	178 00.5	S00 43.9	013.0	-41.8
01		193 00.7	S00 42.9	031.9	-38.0
02		208 00.8	S00 41.9	048.4	-31.5
03		223 01.0	S00 40.9	062.6	-23.2
04		238 01.2	S00 39.9	075.0	-13.9
05		253 01.4	S00 38.9	086.4	-04.0
06		268 01.6	S00 38.0	097.7	+06.1
07		283 01.8	S00 37.0	109.3	+15.7
08		298 01.9	S00 36.0	122.1	+24.7
09		313 02.1	S00 35.0	136.7	+32.5
10		328 02.3	S00 34.0	153.8	+38.2
11		343 02.5	S00 33.0	172.9	+41.1
12		358 02.7	S00 32.0	192.8	+40.6
13		13 02.9	S00 31.0	211.4	+36.8
14		28 03.0	S00 30.0	227.8	+30.5
15		43 03.2	S00 29.1	241.9	+22.3
16		58 03.4	S00 28.1	254.3	+13.1
17		73 03.6	S00 27.1	265.7	+03.4
18		88 03.8	S00 26.1	277.0	-06.8
19		103 04.0	S00 25.1	288.6	-16.5
20		118 04.1	S00 24.1	301.5	-25.5
21		133 04.3	S00 23.1	316.3	-33.3
22		148 04.5	S00 22.1	333.5	-39.1
23		163 04.7	S00 21.2	352.9	-42.0
00	2027-03-20	178 04.9	S00 20.2	013.0	-41.4
01		193 05.1	S00 19.2	031.8	-37.6
02		208 05.2	S00 18.2	048.3	-31.1
03		223 05.4	S00 17.2	062.4	-22.9
04		238 05.6	S00 16.2	074.8	-13.6
05		253 05.8	S00 15.2	086.2	-03.7

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		268 06.0	S00 14.2	097.4	+06.4
07		283 06.2	S00 13.3	109.1	+16.1
08		298 06.4	S00 12.3	121.9	+25.1
09		313 06.5	S00 11.3	136.6	+32.9
10		328 06.7	S00 10.3	153.7	+38.6
11		343 06.9	S00 09.3	173.0	+41.5
12		358 07.1	S00 08.3	193.0	+41.0
13		13 07.3	S00 07.3	211.7	+37.2
14		28 07.5	S00 06.3	228.1	+30.8
15		43 07.6	S00 05.3	242.2	+22.6
16		58 07.8	S00 04.4	254.6	+13.3
17		73 08.0	S00 03.4	266.1	+03.7
18		88 08.2	S00 02.4	277.3	-06.5
19		103 08.4	S00 01.4	289.0	-16.2
20		118 08.6	S00 00.4	301.8	-25.3
21		133 08.8	N00 00.6	316.6	-33.0
22		148 08.9	N00 01.6	333.7	-38.7
23		163 09.1	N00 02.6	353.0	-41.6
00	2027-03-21	178 09.3	N00 03.5	013.0	-41.0
01		193 09.5	N00 04.5	031.8	-37.2
02		208 09.7	N00 05.5	048.1	-30.7
03		223 09.9	N00 06.5	062.2	-22.5
04		238 10.1	N00 07.5	074.6	-13.2
05		253 10.2	N00 08.5	086.0	-03.4
06		268 10.4	N00 09.5	097.2	+06.8
07		283 10.6	N00 10.5	108.9	+16.4
08		298 10.8	N00 11.4	121.7	+25.5
09		313 11.0	N00 12.4	136.5	+33.2
10		328 11.2	N00 13.4	153.7	+39.0
11		343 11.4	N00 14.4	173.0	+41.9
12		358 11.6	N00 15.4	193.1	+41.3
13		13 11.7	N00 16.4	212.0	+37.5
14		28 11.9	N00 17.4	228.4	+31.1
15		43 12.1	N00 18.4	242.5	+22.9
16		58 12.3	N00 19.3	254.9	+13.6
17		73 12.5	N00 20.3	266.4	+03.9
18		88 12.7	N00 21.3	277.6	-06.3
19		103 12.9	N00 22.3	289.3	-16.0
20		118 13.0	N00 23.3	302.1	-25.0
21		133 13.2	N00 24.3	316.8	-32.7
22		148 13.4	N00 25.3	334.0	-38.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		163 13.6	N00 26.2	353.2	-41.2
00	2027-03-22	178 13.8	N00 27.2	013.0	-40.6
01		193 14.0	N00 28.2	031.7	-36.8
02		208 14.2	N00 29.2	048.0	-30.4
03		223 14.4	N00 30.2	062.0	-22.2
04		238 14.5	N00 31.2	074.4	-12.9
05		253 14.7	N00 32.2	085.8	-03.0
06		268 14.9	N00 33.2	097.0	+07.1
07		283 15.1	N00 34.1	108.7	+16.8
08		298 15.3	N00 35.1	121.5	+25.8
09		313 15.5	N00 36.1	136.3	+33.6
10		328 15.7	N00 37.1	153.6	+39.4
11		343 15.9	N00 38.1	173.1	+42.3
12		358 16.0	N00 39.1	193.3	+41.7
13		13 16.2	N00 40.1	212.2	+37.9
14		28 16.4	N00 41.0	228.7	+31.4
15		43 16.6	N00 42.0	242.8	+23.1
16		58 16.8	N00 43.0	255.2	+13.9
17		73 17.0	N00 44.0	266.7	+04.1
18		88 17.2	N00 45.0	277.9	-06.0
19		103 17.4	N00 46.0	289.6	-15.7
20		118 17.5	N00 47.0	302.4	-24.7
21		133 17.7	N00 47.9	317.1	-32.4
22		148 17.9	N00 48.9	334.2	-38.0
23		163 18.1	N00 49.9	353.3	-40.8
00	2027-03-23	178 18.3	N00 50.9	013.1	-40.2
01		193 18.5	N00 51.9	031.6	-36.4
02		208 18.7	N00 52.9	047.8	-30.0
03		223 18.9	N00 53.9	061.8	-21.8
04		238 19.0	N00 54.8	074.2	-12.5
05		253 19.2	N00 55.8	085.6	-02.7
06		268 19.4	N00 56.8	096.8	+07.4
07		283 19.6	N00 57.8	108.5	+17.1
08		298 19.8	N00 58.8	121.4	+26.2
09		313 20.0	N00 59.8	136.2	+34.0
10		328 20.2	N01 00.8	153.5	+39.8
11		343 20.4	N01 01.7	173.2	+42.7
12		358 20.6	N01 02.7	193.5	+42.1
13		13 20.7	N01 03.7	212.5	+38.2
14		28 20.9	N01 04.7	229.0	+31.7
15		43 21.1	N01 05.7	243.1	+23.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		58 21.3	N01 06.7	255.6	+14.1
17		73 21.5	N01 07.7	267.0	+04.4
18		88 21.7	N01 08.6	278.2	-05.8
19		103 21.9	N01 09.6	289.9	-15.5
20		118 22.1	N01 10.6	302.7	-24.4
21		133 22.2	N01 11.6	317.4	-32.1
22		148 22.4	N01 12.6	334.4	-37.7
23		163 22.6	N01 13.6	353.4	-40.4
00	2027-03-24	178 22.8	N01 14.6	013.1	-39.8
01		193 23.0	N01 15.5	031.5	-36.0
02		208 23.2	N01 16.5	047.7	-29.6
03		223 23.4	N01 17.5	061.6	-21.4
04		238 23.6	N01 18.5	074.0	-12.2
05		253 23.8	N01 19.5	085.4	-02.3
06		268 23.9	N01 20.5	096.6	+07.8
07		283 24.1	N01 21.4	108.3	+17.5
08		298 24.3	N01 22.4	121.2	+26.6
09		313 24.5	N01 23.4	136.1	+34.4
10		328 24.7	N01 24.4	153.5	+40.2
11		343 24.9	N01 25.4	173.2	+43.1
12		358 25.1	N01 26.4	193.7	+42.5
13		13 25.3	N01 27.4	212.8	+38.5
14		28 25.5	N01 28.3	229.3	+32.0
15		43 25.6	N01 29.3	243.5	+23.7
16		58 25.8	N01 30.3	255.9	+14.4
17		73 26.0	N01 31.3	267.3	+04.6
18		88 26.2	N01 32.3	278.6	-05.5
19		103 26.4	N01 33.3	290.2	-15.2
20		118 26.6	N01 34.2	303.1	-24.1
21		133 26.8	N01 35.2	317.7	-31.7
22		148 27.0	N01 36.2	334.7	-37.3
23		163 27.2	N01 37.2	353.6	-40.0
00	2027-03-25	178 27.3	N01 38.2	013.1	-39.4
01		193 27.5	N01 39.2	031.4	-35.6
02		208 27.7	N01 40.1	047.5	-29.2
03		223 27.9	N01 41.1	061.5	-21.1
04		238 28.1	N01 42.1	073.8	-11.8
05		253 28.3	N01 43.1	085.2	-02.0
06		268 28.5	N01 44.1	096.4	+08.1
07		283 28.7	N01 45.1	108.1	+17.8
08		298 28.9	N01 46.0	121.0	+26.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		313 29.0	N01 47.0	135.9	+34.8
10		328 29.2	N01 48.0	153.4	+40.6
11		343 29.4	N01 49.0	173.3	+43.5
12		358 29.6	N01 50.0	193.9	+42.9
13		13 29.8	N01 50.9	213.0	+38.9
14		28 30.0	N01 51.9	229.6	+32.3
15		43 30.2	N01 52.9	243.8	+24.0
16		58 30.4	N01 53.9	256.2	+14.6
17		73 30.6	N01 54.9	267.7	+04.8
18		88 30.7	N01 55.9	278.9	-05.3
19		103 30.9	N01 56.8	290.6	-15.0
20		118 31.1	N01 57.8	303.4	-23.8
21		133 31.3	N01 58.8	318.0	-31.4
22		148 31.5	N01 59.8	334.9	-36.9
23		163 31.7	N02 00.8	353.7	-39.6
00	2027-03-26	178 31.9	N02 01.8	013.1	-39.0
01		193 32.1	N02 02.7	031.3	-35.2
02		208 32.3	N02 03.7	047.4	-28.8
03		223 32.5	N02 04.7	061.3	-20.7
04		238 32.6	N02 05.7	073.6	-11.5
05		253 32.8	N02 06.7	085.0	-01.6
06		268 33.0	N02 07.6	096.2	+08.5
07		283 33.2	N02 08.6	107.9	+18.2
08		298 33.4	N02 09.6	120.8	+27.3
09		313 33.6	N02 10.6	135.8	+35.2
10		328 33.8	N02 11.6	153.4	+41.0
11		343 34.0	N02 12.5	173.3	+43.9
12		358 34.2	N02 13.5	194.1	+43.2
13		13 34.3	N02 14.5	213.3	+39.2
14		28 34.5	N02 15.5	229.9	+32.6
15		43 34.7	N02 16.5	244.1	+24.2
16		58 34.9	N02 17.4	256.5	+14.9
17		73 35.1	N02 18.4	268.0	+05.1
18		88 35.3	N02 19.4	279.2	-05.1
19		103 35.5	N02 20.4	290.9	-14.7
20		118 35.7	N02 21.4	303.7	-23.6
21		133 35.9	N02 22.3	318.3	-31.1
22		148 36.0	N02 23.3	335.1	-36.6
23		163 36.2	N02 24.3	353.9	-39.3
00	2027-03-27	178 36.4	N02 25.3	013.1	-38.6
01		193 36.6	N02 26.3	031.3	-34.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		208 36.8	N02 27.2	047.2	-28.5
03		223 37.0	N02 28.2	061.1	-20.3
04		238 37.2	N02 29.2	073.4	-11.1
05		253 37.4	N02 30.2	084.8	-01.3
06		268 37.6	N02 31.2	096.0	+08.8
07		283 37.8	N02 32.1	107.7	+18.5
08		298 37.9	N02 33.1	120.6	+27.7
09		313 38.1	N02 34.1	135.6	+35.5
10		328 38.3	N02 35.1	153.3	+41.4
11		343 38.5	N02 36.1	173.4	+44.3
12		358 38.7	N02 37.0	194.2	+43.6
13		13 38.9	N02 38.0	213.6	+39.6
14		28 39.1	N02 39.0	230.3	+32.9
15		43 39.3	N02 40.0	244.4	+24.5
16		58 39.5	N02 41.0	256.8	+15.1
17		73 39.6	N02 41.9	268.3	+05.3
18		88 39.8	N02 42.9	279.5	-04.8
19		103 40.0	N02 43.9	291.2	-14.4
20		118 40.2	N02 44.9	304.0	-23.3
21		133 40.4	N02 45.8	318.6	-30.8
22		148 40.6	N02 46.8	335.3	-36.2
23		163 40.8	N02 47.8	354.0	-38.9
00	2027-03-28	178 41.0	N02 48.8	013.2	-38.2
01		193 41.2	N02 49.8	031.2	-34.4
02		208 41.3	N02 50.7	047.1	-28.1
03		223 41.5	N02 51.7	060.9	-20.0
04		238 41.7	N02 52.7	073.2	-10.8
05		253 41.9	N02 53.7	084.6	-00.3
06		268 42.1	N02 54.6	095.8	+09.1
07		283 42.3	N02 55.6	107.5	+18.9
08		298 42.5	N02 56.6	120.5	+28.0
09		313 42.7	N02 57.6	135.5	+35.9
10		328 42.9	N02 58.6	153.2	+41.8
11		343 43.0	N02 59.5	173.5	+44.7
12		358 43.2	N03 00.5	194.4	+44.0
13		13 43.4	N03 01.5	213.9	+39.9
14		28 43.6	N03 02.5	230.6	+33.2
15		43 43.8	N03 03.4	244.8	+24.8
16		58 44.0	N03 04.4	257.2	+15.3
17		73 44.2	N03 05.4	268.6	+05.5
18		88 44.4	N03 06.4	279.8	-04.6
19		103 44.6	N03 07.3	291.5	-14.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		118 44.7	N03 08.3	304.3	-23.0
21		133 44.9	N03 09.3	318.8	-30.5
22		148 45.1	N03 10.3	335.6	-35.9
23		163 45.3	N03 11.2	354.1	-38.5
00	2027-03-29	178 45.5	N03 12.2	013.2	-37.8
01		193 45.7	N03 13.2	031.1	-34.0
02		208 45.9	N03 14.2	047.0	-27.7
03		223 46.1	N03 15.1	060.7	-19.6
04		238 46.2	N03 16.1	073.0	-10.4
05		253 46.4	N03 17.1	084.4	-00.0
06		268 46.6	N03 18.1	095.6	+09.5
07		283 46.8	N03 19.0	107.3	+19.2
08		298 47.0	N03 20.0	120.3	+28.4
09		313 47.2	N03 21.0	135.3	+36.3
10		328 47.4	N03 22.0	153.2	+42.2
11		343 47.6	N03 22.9	173.5	+45.1
12		358 47.8	N03 23.9	194.6	+44.4
13		13 47.9	N03 24.9	214.1	+40.2
14		28 48.1	N03 25.9	230.9	+33.5
15		43 48.3	N03 26.8	245.1	+25.0
16		58 48.5	N03 27.8	257.5	+15.6
17		73 48.7	N03 28.8	268.9	+05.8
18		88 48.9	N03 29.8	280.1	-04.3
19		103 49.1	N03 30.7	291.8	-13.9
20		118 49.3	N03 31.7	304.6	-22.7
21		133 49.4	N03 32.7	319.1	-30.1
22		148 49.6	N03 33.6	335.8	-35.5
23		163 49.8	N03 34.6	354.2	-38.1
00	2027-03-30	178 50.0	N03 35.6	013.2	-37.4
01		193 50.2	N03 36.6	031.0	-33.6
02		208 50.4	N03 37.5	046.8	-27.3
03		223 50.6	N03 38.5	060.6	-19.3
04		238 50.8	N03 39.5	072.8	-10.1
05		253 50.9	N03 40.5	084.2	+00.3
06		268 51.1	N03 41.4	095.4	+09.8
07		283 51.3	N03 42.4	107.1	+19.6
08		298 51.5	N03 43.4	120.1	+28.7
09		313 51.7	N03 44.3	135.2	+36.7
10		328 51.9	N03 45.3	153.1	+42.6
11		343 52.1	N03 46.3	173.6	+45.4
12		358 52.3	N03 47.3	194.8	+44.7

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		13 52.4	N03 48.2	214.4	+40.6
14		28 52.6	N03 49.2	231.2	+33.8
15		43 52.8	N03 50.2	245.4	+25.3
16		58 53.0	N03 51.1	257.8	+15.8
17		73 53.2	N03 52.1	269.2	+06.0
18		88 53.4	N03 53.1	280.5	-04.1
19		103 53.6	N03 54.1	292.1	-13.7
20		118 53.8	N03 55.0	304.9	-22.4
21		133 53.9	N03 56.0	319.4	-29.8
22		148 54.1	N03 57.0	336.0	-35.2
23		163 54.3	N03 57.9	354.4	-37.7
00	2027-03-31	178 54.5	N03 58.9	013.2	-37.0
01		193 54.7	N03 59.9	031.0	-33.3
02		208 54.9	N04 00.8	046.7	-27.0
03		223 55.1	N04 01.8	060.4	-18.9
04		238 55.3	N04 02.8	072.6	-09.7
05		253 55.4	N04 03.7	084.0	+00.5
06		268 55.6	N04 04.7	095.2	+10.2
07		283 55.8	N04 05.7	106.9	+19.9
08		298 56.0	N04 06.7	119.9	+29.1
09		313 56.2	N04 07.6	135.1	+37.1
10		328 56.4	N04 08.6	153.1	+42.9
11		343 56.6	N04 09.6	173.7	+45.8
12		358 56.7	N04 10.5	195.0	+45.1
13		13 56.9	N04 11.5	214.7	+40.9
14		28 57.1	N04 12.5	231.5	+34.1
15		43 57.3	N04 13.4	245.7	+25.5
16		58 57.5	N04 14.4	258.1	+16.1
17		73 57.7	N04 15.4	269.6	+06.2
18		88 57.9	N04 16.3	280.8	-03.8
19		103 58.0	N04 17.3	292.4	-13.4
20		118 58.2	N04 18.3	305.2	-22.1
21		133 58.4	N04 19.2	319.7	-29.5
22		148 58.6	N04 20.2	336.2	-34.8
23		163 58.8	N04 21.2	354.5	-37.3
00	2027-04-01	178 59.0	N04 22.1	013.2	-36.6
01		193 59.2	N04 23.1	030.9	-32.9
02		208 59.3	N04 24.1	046.5	-26.6
03		223 59.5	N04 25.0	060.2	-18.5
04		238 59.7	N04 26.0	072.4	-09.4
05		253 59.9	N04 27.0	083.8	+00.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		269 00.1	N04 27.9	095.0	+10.5
07		284 00.3	N04 28.9	106.7	+20.3
08		299 00.5	N04 29.9	119.7	+29.5
09		314 00.6	N04 30.8	134.9	+37.4
10		329 00.8	N04 31.8	153.0	+43.3
11		344 01.0	N04 32.8	173.7	+46.2
12		359 01.2	N04 33.7	195.2	+45.5
13		14 01.4	N04 34.7	215.0	+41.2
14		29 01.6	N04 35.7	231.9	+34.4
15		44 01.8	N04 36.6	246.1	+25.8
16		59 01.9	N04 37.6	258.5	+16.3
17		74 02.1	N04 38.6	269.9	+06.5
18		89 02.3	N04 39.5	281.1	-03.6
19		104 02.5	N04 40.5	292.7	-13.1
20		119 02.7	N04 41.4	305.5	-21.9
21		134 02.9	N04 42.4	319.9	-29.2
22		149 03.0	N04 43.4	336.4	-34.5
23		164 03.2	N04 44.3	354.6	-37.0
00	2027-04-02	179 03.4	N04 45.3	013.3	-36.2
01		194 03.6	N04 46.3	030.8	-32.5
02		209 03.8	N04 47.2	046.4	-26.2
03		224 04.0	N04 48.2	060.1	-18.2
04		239 04.2	N04 49.2	072.2	-09.0
05		254 04.3	N04 50.1	083.6	+01.1
06		269 04.5	N04 51.1	094.8	+10.8
07		284 04.7	N04 52.0	106.5	+20.6
08		299 04.9	N04 53.0	119.5	+29.8
09		314 05.1	N04 54.0	134.8	+37.8
10		329 05.3	N04 54.9	152.9	+43.7
11		344 05.4	N04 55.9	173.8	+46.6
12		359 05.6	N04 56.9	195.4	+45.8
13		14 05.8	N04 57.8	215.3	+41.5
14		29 06.0	N04 58.8	232.2	+34.6
15		44 06.2	N04 59.7	246.4	+26.1
16		59 06.4	N05 00.7	258.8	+16.6
17		74 06.5	N05 01.7	270.2	+06.7
18		89 06.7	N05 02.6	281.4	-03.3
19		104 06.9	N05 03.6	293.0	-12.9
20		119 07.1	N05 04.5	305.8	-21.6
21		134 07.3	N05 05.5	320.2	-28.9
22		149 07.5	N05 06.5	336.6	-34.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		164 07.6	N05 07.4	354.7	-36.6
00	2027-04-03	179 07.8	N05 08.4	013.3	-35.9
01		194 08.0	N05 09.3	030.7	-32.1
02		209 08.2	N05 10.3	046.3	-25.8
03		224 08.4	N05 11.3	059.9	-17.8
04		239 08.6	N05 12.2	072.0	-08.7
05		254 08.7	N05 13.2	083.4	+01.4
06		269 08.9	N05 14.1	094.6	+11.2
07		284 09.1	N05 15.1	106.3	+21.0
08		299 09.3	N05 16.1	119.3	+30.2
09		314 09.5	N05 17.0	134.6	+38.2
10		329 09.7	N05 18.0	152.9	+44.1
11		344 09.8	N05 18.9	173.9	+47.0
12		359 10.0	N05 19.9	195.6	+46.2
13		14 10.2	N05 20.8	215.6	+41.9
14		29 10.4	N05 21.8	232.5	+34.9
15		44 10.6	N05 22.8	246.7	+26.3
16		59 10.7	N05 23.7	259.1	+16.8
17		74 10.9	N05 24.7	270.5	+06.9
18		89 11.1	N05 25.6	281.7	-03.1
19		104 11.3	N05 26.6	293.3	-12.6
20		119 11.5	N05 27.5	306.1	-21.3
21		134 11.7	N05 28.5	320.5	-28.6
22		149 11.8	N05 29.5	336.9	-33.8
23		164 12.0	N05 30.4	354.9	-36.2
00	2027-04-04	179 12.2	N05 31.4	013.3	-35.5
01		194 12.4	N05 32.3	030.7	-31.7
02		209 12.6	N05 33.3	046.1	-25.5
03		224 12.7	N05 34.2	059.7	-17.5
04		239 12.9	N05 35.2	071.9	-08.4
05		254 13.1	N05 36.1	083.2	+01.7
06		269 13.3	N05 37.1	094.4	+11.5
07		284 13.5	N05 38.1	106.1	+21.3
08		299 13.6	N05 39.0	119.1	+30.5
09		314 13.8	N05 40.0	134.5	+38.5
10		329 14.0	N05 40.9	152.8	+44.5
11		344 14.2	N05 41.9	173.9	+47.4
12		359 14.4	N05 42.8	195.8	+46.6
13		14 14.6	N05 43.8	215.9	+42.2
14		29 14.7	N05 44.7	232.8	+35.2
15		44 14.9	N05 45.7	247.0	+26.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		59 15.1	N05 46.6	259.4	+17.0
17		74 15.3	N05 47.6	270.8	+07.2
18		89 15.5	N05 48.5	282.0	-02.9
19		104 15.6	N05 49.5	293.6	-12.4
20		119 15.8	N05 50.4	306.3	-21.0
21		134 16.0	N05 51.4	320.7	-28.3
22		149 16.2	N05 52.4	337.1	-33.4
23		164 16.4	N05 53.3	355.0	-35.8
00	2027-04-05	179 16.5	N05 54.3	013.3	-35.1
01		194 16.7	N05 55.2	030.6	-31.3
02		209 16.9	N05 56.2	046.0	-25.1
03		224 17.1	N05 57.1	059.5	-17.1
04		239 17.2	N05 58.1	071.7	-08.0
05		254 17.4	N05 59.0	083.0	+02.0
06		269 17.6	N05 60.0	094.1	+11.8
07		284 17.8	N06 00.9	105.9	+21.6
08		299 18.0	N06 01.9	118.9	+30.9
09		314 18.1	N06 02.8	134.3	+38.9
10		329 18.3	N06 03.8	152.7	+44.9
11		344 18.5	N06 04.7	174.0	+47.8
12		359 18.7	N06 05.7	196.0	+46.9
13		14 18.9	N06 06.6	216.2	+42.5
14		29 19.0	N06 07.6	233.2	+35.5
15		44 19.2	N06 08.5	247.4	+26.8
16		59 19.4	N06 09.5	259.7	+17.3
17		74 19.6	N06 10.4	271.1	+07.4
18		89 19.7	N06 11.4	282.3	-02.6
19		104 19.9	N06 12.3	293.9	-12.1
20		119 20.1	N06 13.3	306.6	-20.7
21		134 20.3	N06 14.2	321.0	-27.9
22		149 20.5	N06 15.2	337.3	-33.1
23		164 20.6	N06 16.1	355.1	-35.4
00	2027-04-06	179 20.8	N06 17.0	013.3	-34.7
01		194 21.0	N06 18.0	030.5	-30.9
02		209 21.2	N06 18.9	045.9	-24.7
03		224 21.3	N06 19.9	059.4	-16.8
04		239 21.5	N06 20.8	071.5	-07.7
05		254 21.7	N06 21.8	082.8	+02.4
06		269 21.9	N06 22.7	093.9	+12.2
07		284 22.1	N06 23.7	105.7	+22.0
08		299 22.2	N06 24.6	118.7	+31.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		314 22.4	N06 25.6	134.1	+39.3
10		329 22.6	N06 26.5	152.7	+45.3
11		344 22.8	N06 27.5	174.1	+48.2
12		359 22.9	N06 28.4	196.2	+47.3
13		14 23.1	N06 29.3	216.5	+42.8
14		29 23.3	N06 30.3	233.5	+35.8
15		44 23.5	N06 31.2	247.7	+27.1
16		59 23.6	N06 32.2	260.1	+17.5
17		74 23.8	N06 33.1	271.4	+07.6
18		89 24.0	N06 34.1	282.6	-02.4
19		104 24.2	N06 35.0	294.2	-11.9
20		119 24.3	N06 36.0	306.9	-20.4
21		134 24.5	N06 36.9	321.2	-27.6
22		149 24.7	N06 37.8	337.5	-32.7
23		164 24.9	N06 38.8	355.2	-35.1
00	2027-04-07	179 25.1	N06 39.7	013.3	-34.3
01		194 25.2	N06 40.7	030.4	-30.6
02		209 25.4	N06 41.6	045.7	-24.4
03		224 25.6	N06 42.6	059.2	-16.4
04		239 25.8	N06 43.5	071.3	-07.3
05		254 25.9	N06 44.4	082.6	+02.7
06		269 26.1	N06 45.4	093.7	+12.5
07		284 26.3	N06 46.3	105.5	+22.3
08		299 26.5	N06 47.3	118.6	+31.6
09		314 26.6	N06 48.2	134.0	+39.6
10		329 26.8	N06 49.1	152.6	+45.6
11		344 27.0	N06 50.1	174.1	+48.5
12		359 27.1	N06 51.0	196.5	+47.6
13		14 27.3	N06 52.0	216.8	+43.2
14		29 27.5	N06 52.9	233.8	+36.1
15		44 27.7	N06 53.8	248.0	+27.3
16		59 27.8	N06 54.8	260.4	+17.8
17		74 28.0	N06 55.7	271.7	+07.9
18		89 28.2	N06 56.7	282.9	-02.1
19		104 28.4	N06 57.6	294.5	-11.6
20		119 28.5	N06 58.5	307.2	-20.2
21		134 28.7	N06 59.5	321.5	-27.3
22		149 28.9	N07 00.4	337.6	-32.4
23		164 29.1	N07 01.4	355.3	-34.7
00	2027-04-08	179 29.2	N07 02.3	013.3	-33.9
01		194 29.4	N07 03.2	030.4	-30.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		209 29.6	N07 04.2	045.6	-24.0
03		224 29.8	N07 05.1	059.0	-16.1
04		239 29.9	N07 06.0	071.1	-07.0
05		254 30.1	N07 07.0	082.4	+03.0
06		269 30.3	N07 07.9	093.5	+12.8
07		284 30.4	N07 08.9	105.2	+22.6
08		299 30.6	N07 09.8	118.4	+31.9
09		314 30.8	N07 10.7	133.8	+40.0
10		329 31.0	N07 11.7	152.5	+46.0
11		344 31.1	N07 12.6	174.2	+48.9
12		359 31.3	N07 13.5	196.7	+48.0
13		14 31.5	N07 14.5	217.0	+43.5
14		29 31.6	N07 15.4	234.1	+36.3
15		44 31.8	N07 16.3	248.3	+27.6
16		59 32.0	N07 17.3	260.7	+18.0
17		74 32.2	N07 18.2	272.0	+08.1
18		89 32.3	N07 19.1	283.2	-01.9
19		104 32.5	N07 20.1	294.8	-11.3
20		119 32.7	N07 21.0	307.5	-19.9
21		134 32.8	N07 21.9	321.7	-27.0
22		149 33.0	N07 22.9	337.8	-32.0
23		164 33.2	N07 23.8	355.4	-34.3
00	2027-04-09	179 33.4	N07 24.7	013.4	-33.5
01		194 33.5	N07 25.7	030.3	-29.8
02		209 33.7	N07 26.6	045.5	-23.6
03		224 33.9	N07 27.5	058.9	-15.7
04		239 34.0	N07 28.5	070.9	-06.7
05		254 34.2	N07 29.4	082.2	+03.3
06		269 34.4	N07 30.3	093.3	+13.1
07		284 34.5	N07 31.3	105.0	+23.0
08		299 34.7	N07 32.2	118.2	+32.3
09		314 34.9	N07 33.1	133.7	+40.4
10		329 35.1	N07 34.1	152.4	+46.4
11		344 35.2	N07 35.0	174.3	+49.3
12		359 35.4	N07 35.9	196.9	+48.3
13		14 35.6	N07 36.8	217.3	+43.8
14		29 35.7	N07 37.8	234.4	+36.6
15		44 35.9	N07 38.7	248.7	+27.8
16		59 36.1	N07 39.6	261.0	+18.2
17		74 36.2	N07 40.6	272.4	+08.3
18		89 36.4	N07 41.5	283.5	-01.7
19		104 36.6	N07 42.4	295.1	-11.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		119 36.7	N07 43.3	307.7	-19.6
21		134 36.9	N07 44.3	322.0	-26.7
22		149 37.1	N07 45.2	338.0	-31.7
23		164 37.3	N07 46.1	355.5	-34.0
00	2027-04-10	179 37.4	N07 47.1	013.4	-33.2
01		194 37.6	N07 48.0	030.2	-29.4
02		209 37.8	N07 48.9	045.3	-23.3
03		224 37.9	N07 49.8	058.7	-15.4
04		239 38.1	N07 50.8	070.7	-06.3
05		254 38.3	N07 51.7	082.0	+03.6
06		269 38.4	N07 52.6	093.1	+13.4
07		284 38.6	N07 53.5	104.8	+23.3
08		299 38.8	N07 54.5	118.0	+32.6
09		314 38.9	N07 55.4	133.5	+40.7
10		329 39.1	N07 56.3	152.4	+46.8
11		344 39.3	N07 57.2	174.3	+49.7
12		359 39.4	N07 58.2	197.1	+48.7
13		14 39.6	N07 59.1	217.6	+44.1
14		29 39.8	N08 00.0	234.8	+36.9
15		44 39.9	N08 00.9	249.0	+28.1
16		59 40.1	N08 01.9	261.3	+18.5
17		74 40.3	N08 02.8	272.7	+08.5
18		89 40.4	N08 03.7	283.8	-01.4
19		104 40.6	N08 04.6	295.4	-10.8
20		119 40.8	N08 05.6	308.0	-19.3
21		134 40.9	N08 06.5	322.2	-26.4
22		149 41.1	N08 07.4	338.2	-31.3
23		164 41.3	N08 08.3	355.6	-33.6
00	2027-04-11	179 41.4	N08 09.2	013.4	-32.8
01		194 41.6	N08 10.2	030.1	-29.1
02		209 41.8	N08 11.1	045.2	-22.9
03		224 41.9	N08 12.0	058.5	-15.1
04		239 42.1	N08 12.9	070.5	-06.0
05		254 42.3	N08 13.8	081.8	+03.9
06		269 42.4	N08 14.8	092.9	+13.8
07		284 42.6	N08 15.7	104.6	+23.6
08		299 42.7	N08 16.6	117.8	+32.9
09		314 42.9	N08 17.5	133.4	+41.1
10		329 43.1	N08 18.4	152.3	+47.1
11		344 43.2	N08 19.4	174.4	+50.0
12		359 43.4	N08 20.3	197.3	+49.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		14 43.6	N08 21.2	217.9	+44.4
14		29 43.7	N08 22.1	235.1	+37.2
15		44 43.9	N08 23.0	249.3	+28.3
16		59 44.1	N08 24.0	261.6	+18.7
17		74 44.2	N08 24.9	273.0	+08.8
18		89 44.4	N08 25.8	284.1	-01.2
19		104 44.5	N08 26.7	295.6	-10.6
20		119 44.7	N08 27.6	308.3	-19.1
21		134 44.9	N08 28.5	322.4	-26.1
22		149 45.0	N08 29.5	338.4	-31.0
23		164 45.2	N08 30.4	355.7	-33.2
00	2027-04-12	179 45.4	N08 31.3	013.4	-32.4
01		194 45.5	N08 32.2	030.1	-28.7
02		209 45.7	N08 33.1	045.1	-22.6
03		224 45.8	N08 34.0	058.4	-14.7
04		239 46.0	N08 35.0	070.4	-05.7
05		254 46.2	N08 35.9	081.6	+04.2
06		269 46.3	N08 36.8	092.7	+14.1
07		284 46.5	N08 37.7	104.4	+23.9
08		299 46.7	N08 38.6	117.6	+33.3
09		314 46.8	N08 39.5	133.2	+41.4
10		329 47.0	N08 40.4	152.2	+47.5
11		344 47.1	N08 41.3	174.4	+50.4
12		359 47.3	N08 42.3	197.5	+49.4
13		14 47.5	N08 43.2	218.2	+44.7
14		29 47.6	N08 44.1	235.4	+37.4
15		44 47.8	N08 45.0	249.6	+28.6
16		59 47.9	N08 45.9	261.9	+18.9
17		74 48.1	N08 46.8	273.3	+09.0
18		89 48.3	N08 47.7	284.4	-00.3
19		104 48.4	N08 48.6	295.9	-10.3
20		119 48.6	N08 49.6	308.5	-18.8
21		134 48.7	N08 50.5	322.7	-25.8
22		149 48.9	N08 51.4	338.6	-30.7
23		164 49.1	N08 52.3	355.8	-32.9
00	2027-04-13	179 49.2	N08 53.2	013.4	-32.1
01		194 49.4	N08 54.1	030.0	-28.3
02		209 49.5	N08 55.0	045.0	-22.2
03		224 49.7	N08 55.9	058.2	-14.4
04		239 49.9	N08 56.8	070.2	-05.4
05		254 50.0	N08 57.7	081.4	+04.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		269 50.2	N08 58.6	092.5	+14.4
07		284 50.3	N08 59.6	104.2	+24.2
08		299 50.5	N09 00.5	117.4	+33.6
09		314 50.7	N09 01.4	133.0	+41.8
10		329 50.8	N09 02.3	152.1	+47.9
11		344 51.0	N09 03.2	174.5	+50.8
12		359 51.1	N09 04.1	197.7	+49.7
13		14 51.3	N09 05.0	218.5	+45.0
14		29 51.4	N09 05.9	235.7	+37.7
15		44 51.6	N09 06.8	249.9	+28.8
16		59 51.8	N09 07.7	262.2	+19.1
17		74 51.9	N09 08.6	273.5	+09.2
18		89 52.1	N09 09.5	284.6	-00.1
19		104 52.2	N09 10.4	296.2	-10.1
20		119 52.4	N09 11.3	308.8	-18.5
21		134 52.5	N09 12.2	322.9	-25.5
22		149 52.7	N09 13.1	338.7	-30.3
23		164 52.9	N09 14.0	355.9	-32.5
00	2027-04-14	179 53.0	N09 14.9	013.4	-31.7
01		194 53.2	N09 15.9	029.9	-28.0
02		209 53.3	N09 16.8	044.8	-21.9
03		224 53.5	N09 17.7	058.1	-14.0
04		239 53.6	N09 18.6	070.0	-05.0
05		254 53.8	N09 19.5	081.2	+04.8
06		269 54.0	N09 20.4	092.3	+14.7
07		284 54.1	N09 21.3	104.0	+24.6
08		299 54.3	N09 22.2	117.2	+33.9
09		314 54.4	N09 23.1	132.9	+42.1
10		329 54.6	N09 24.0	152.0	+48.2
11		344 54.7	N09 24.9	174.6	+51.1
12		359 54.9	N09 25.8	197.9	+50.1
13		14 55.0	N09 26.7	218.8	+45.3
14		29 55.2	N09 27.6	236.1	+38.0
15		44 55.3	N09 28.5	250.3	+29.1
16		59 55.5	N09 29.4	262.5	+19.4
17		74 55.7	N09 30.3	273.8	+09.4
18		89 55.8	N09 31.2	284.9	+00.1
19		104 56.0	N09 32.1	296.5	-09.8
20		119 56.1	N09 33.0	309.0	-18.2
21		134 56.3	N09 33.9	323.1	-25.2
22		149 56.4	N09 34.8	338.9	-30.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		164 56.6	N09 35.6	356.0	-32.2
00	2027-04-15	179 56.7	N09 36.5	013.4	-31.3
01		194 56.9	N09 37.4	029.9	-27.6
02		209 57.0	N09 38.3	044.7	-21.5
03		224 57.2	N09 39.2	057.9	-13.7
04		239 57.3	N09 40.1	069.8	-04.7
05		254 57.5	N09 41.0	081.0	+05.1
06		269 57.6	N09 41.9	092.1	+15.0
07		284 57.8	N09 42.8	103.8	+24.9
08		299 58.0	N09 43.7	117.0	+34.2
09		314 58.1	N09 44.6	132.7	+42.5
10		329 58.3	N09 45.5	152.0	+48.6
11		344 58.4	N09 46.4	174.6	+51.5
12		359 58.6	N09 47.3	198.1	+50.4
13		14 58.7	N09 48.2	219.1	+45.6
14		29 58.9	N09 49.1	236.4	+38.2
15		44 59.0	N09 50.0	250.6	+29.3
16		59 59.2	N09 50.9	262.8	+19.6
17		74 59.3	N09 51.7	274.1	+09.7
18		89 59.5	N09 52.6	285.2	+00.3
19		104 59.6	N09 53.5	296.7	-09.6
20		119 59.8	N09 54.4	309.3	-18.0
21		134 59.9	N09 55.3	323.3	-24.9
22		150 00.1	N09 56.2	339.1	-29.7
23		165 00.2	N09 57.1	356.1	-31.8
00	2027-04-16	180 00.4	N09 58.0	013.4	-31.0
01		195 00.5	N09 58.9	029.8	-27.3
02		210 00.7	N09 59.8	044.6	-21.2
03		225 00.8	N10 00.6	057.7	-13.4
04		240 01.0	N10 01.5	069.6	-04.4
05		255 01.1	N10 02.4	080.8	+05.4
06		270 01.3	N10 03.3	091.9	+15.3
07		285 01.4	N10 04.2	103.6	+25.2
08		300 01.6	N10 05.1	116.8	+34.6
09		315 01.7	N10 06.0	132.5	+42.8
10		330 01.9	N10 06.9	151.9	+49.0
11		345 02.0	N10 07.7	174.7	+51.9
12		0 02.1	N10 08.6	198.3	+50.7
13		15 02.3	N10 09.5	219.4	+45.9
14		30 02.4	N10 10.4	236.7	+38.5
15		45 02.6	N10 11.3	250.9	+29.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		60 02.7	N10 12.2	263.1	+19.8
17		75 02.9	N10 13.1	274.4	+09.9
18		90 03.0	N10 13.9	285.5	+00.5
19		105 03.2	N10 14.8	297.0	-09.3
20		120 03.3	N10 15.7	309.5	-17.7
21		135 03.5	N10 16.6	323.6	-24.6
22		150 03.6	N10 17.5	339.2	-29.3
23		165 03.8	N10 18.4	356.2	-31.4
00	2027-04-17	180 03.9	N10 19.2	013.4	-30.6
01		195 04.1	N10 20.1	029.7	-26.9
02		210 04.2	N10 21.0	044.5	-20.9
03		225 04.3	N10 21.9	057.6	-13.1
04		240 04.5	N10 22.8	069.4	-04.1
05		255 04.6	N10 23.7	080.6	+05.7
06		270 04.8	N10 24.5	091.7	+15.6
07		285 04.9	N10 25.4	103.4	+25.5
08		300 05.1	N10 26.3	116.6	+34.9
09		315 05.2	N10 27.2	132.3	+43.1
10		330 05.4	N10 28.1	151.8	+49.3
11		345 05.5	N10 28.9	174.7	+52.2
12		0 05.7	N10 29.8	198.5	+51.1
13		15 05.8	N10 30.7	219.7	+46.2
14		30 05.9	N10 31.6	237.0	+38.7
15		45 06.1	N10 32.5	251.2	+29.8
16		60 06.2	N10 33.3	263.4	+20.0
17		75 06.4	N10 34.2	274.7	+10.1
18		90 06.5	N10 35.1	285.8	+00.7
19		105 06.7	N10 36.0	297.3	-09.1
20		120 06.8	N10 36.8	309.8	-17.4
21		135 06.9	N10 37.7	323.8	-24.3
22		150 07.1	N10 38.6	339.4	-29.0
23		165 07.2	N10 39.5	356.3	-31.1
00	2027-04-18	180 07.4	N10 40.3	013.4	-30.2
01		195 07.5	N10 41.2	029.6	-26.5
02		210 07.7	N10 42.1	044.3	-20.5
03		225 07.8	N10 43.0	057.4	-12.7
04		240 07.9	N10 43.8	069.3	-03.8
05		255 08.1	N10 44.7	080.4	+06.0
06		270 08.2	N10 45.6	091.5	+15.9
07		285 08.4	N10 46.5	103.2	+25.8
08		300 08.5	N10 47.3	116.3	+35.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		315 08.6	N10 48.2	132.2	+43.5
10		330 08.8	N10 49.1	151.7	+49.7
11		345 08.9	N10 50.0	174.8	+52.6
12		0 09.1	N10 50.8	198.8	+51.4
13		15 09.2	N10 51.7	220.0	+46.5
14		30 09.3	N10 52.6	237.3	+39.0
15		45 09.5	N10 53.4	251.5	+30.0
16		60 09.6	N10 54.3	263.7	+20.3
17		75 09.8	N10 55.2	275.0	+10.3
18		90 09.9	N10 56.0	286.0	+00.9
19		105 10.0	N10 56.9	297.5	-08.8
20		120 10.2	N10 57.8	310.0	-17.1
21		135 10.3	N10 58.7	324.0	-24.0
22		150 10.5	N10 59.5	339.6	-28.7
23		165 10.6	N11 00.4	356.4	-30.8
00	2027-04-19	180 10.7	N11 01.3	013.4	-29.9
01		195 10.9	N11 02.1	029.6	-26.2
02		210 11.0	N11 03.0	044.2	-20.2
03		225 11.1	N11 03.9	057.3	-12.4
04		240 11.3	N11 04.7	069.1	-03.5
05		255 11.4	N11 05.6	080.2	+06.3
06		270 11.6	N11 06.5	091.3	+16.2
07		285 11.7	N11 07.3	103.0	+26.1
08		300 11.8	N11 08.2	116.1	+35.5
09		315 12.0	N11 09.1	132.0	+43.8
10		330 12.1	N11 09.9	151.6	+50.0
11		345 12.2	N11 10.8	174.9	+52.9
12		0 12.4	N11 11.7	199.0	+51.7
13		15 12.5	N11 12.5	220.3	+46.8
14		30 12.6	N11 13.4	237.6	+39.2
15		45 12.8	N11 14.2	251.8	+30.2
16		60 12.9	N11 15.1	264.0	+20.5
17		75 13.1	N11 16.0	275.3	+10.5
18		90 13.2	N11 16.8	286.3	+01.1
19		105 13.3	N11 17.7	297.8	-08.6
20		120 13.5	N11 18.6	310.3	-16.9
21		135 13.6	N11 19.4	324.2	-23.7
22		150 13.7	N11 20.3	339.7	-28.4
23		165 13.9	N11 21.1	356.4	-30.4
00	2027-04-20	180 14.0	N11 22.0	013.4	-29.5
01		195 14.1	N11 22.9	029.5	-25.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		210 14.3	N11 23.7	044.1	-19.9
03		225 14.4	N11 24.6	057.1	-12.1
04		240 14.5	N11 25.4	068.9	-03.2
05		255 14.7	N11 26.3	080.0	+06.6
06		270 14.8	N11 27.2	091.1	+16.5
07		285 14.9	N11 28.0	102.7	+26.4
08		300 15.1	N11 28.9	115.9	+35.8
09		315 15.2	N11 29.7	131.8	+44.1
10		330 15.3	N11 30.6	151.5	+50.3
11		345 15.5	N11 31.4	174.9	+53.3
12		0 15.6	N11 32.3	199.2	+52.0
13		15 15.7	N11 33.2	220.6	+47.1
14		30 15.8	N11 34.0	237.9	+39.5
15		45 16.0	N11 34.9	252.1	+30.4
16		60 16.1	N11 35.7	264.3	+20.7
17		75 16.2	N11 36.6	275.5	+10.8
18		90 16.4	N11 37.4	286.6	+01.3
19		105 16.5	N11 38.3	298.0	-08.4
20		120 16.6	N11 39.1	310.5	-16.6
21		135 16.8	N11 40.0	324.4	-23.4
22		150 16.9	N11 40.8	339.9	-28.0
23		165 17.0	N11 41.7	356.5	-30.1
00	2027-04-21	180 17.2	N11 42.5	013.4	-29.2
01		195 17.3	N11 43.4	029.4	-25.5
02		210 17.4	N11 44.3	044.0	-19.5
03		225 17.5	N11 45.1	056.9	-11.8
04		240 17.7	N11 46.0	068.7	-02.9
05		255 17.8	N11 46.8	079.8	+06.9
06		270 17.9	N11 47.7	090.9	+16.7
07		285 18.1	N11 48.5	102.5	+26.7
08		300 18.2	N11 49.4	115.7	+36.1
09		315 18.3	N11 50.2	131.6	+44.4
10		330 18.4	N11 51.1	151.4	+50.7
11		345 18.6	N11 51.9	175.0	+53.6
12		0 18.7	N11 52.8	199.4	+52.4
13		15 18.8	N11 53.6	220.9	+47.3
14		30 18.9	N11 54.4	238.3	+39.7
15		45 19.1	N11 55.3	252.4	+30.7
16		60 19.2	N11 56.1	264.6	+20.9
17		75 19.3	N11 57.0	275.8	+11.0
18		90 19.5	N11 57.8	286.8	+01.5
19		105 19.6	N11 58.7	298.3	-08.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		120 19.7	N11 59.5	310.7	-16.3
21		135 19.8	N12 00.4	324.6	-23.1
22		150 20.0	N12 01.2	340.0	-27.7
23		165 20.1	N12 02.1	356.6	-29.7
00	2027-04-22	180 20.2	N12 02.9	013.4	-28.8
01		195 20.3	N12 03.8	029.4	-25.2
02		210 20.5	N12 04.6	043.8	-19.2
03		225 20.6	N12 05.4	056.8	-11.5
04		240 20.7	N12 06.3	068.6	-02.6
05		255 20.8	N12 07.1	079.6	+07.1
06		270 21.0	N12 08.0	090.7	+17.0
07		285 21.1	N12 08.8	102.3	+26.9
08		300 21.2	N12 09.6	115.5	+36.4
09		315 21.3	N12 10.5	131.4	+44.7
10		330 21.4	N12 11.3	151.3	+51.0
11		345 21.6	N12 12.2	175.0	+54.0
12		0 21.7	N12 13.0	199.6	+52.7
13		15 21.8	N12 13.9	221.2	+47.6
14		30 21.9	N12 14.7	238.6	+40.0
15		45 22.1	N12 15.5	252.7	+30.9
16		60 22.2	N12 16.4	264.9	+21.1
17		75 22.3	N12 17.2	276.1	+11.2
18		90 22.4	N12 18.0	287.1	+01.7
19		105 22.5	N12 18.9	298.5	-07.9
20		120 22.7	N12 19.7	310.9	-16.1
21		135 22.8	N12 20.6	324.8	-22.8
22		150 22.9	N12 21.4	340.1	-27.4
23		165 23.0	N12 22.2	356.7	-29.4
00	2027-04-23	180 23.1	N12 23.1	013.4	-28.5
01		195 23.3	N12 23.9	029.3	-24.9
02		210 23.4	N12 24.7	043.7	-18.9
03		225 23.5	N12 25.6	056.6	-11.2
04		240 23.6	N12 26.4	068.4	-02.3
05		255 23.7	N12 27.2	079.5	+07.4
06		270 23.9	N12 28.1	090.5	+17.3
07		285 24.0	N12 28.9	102.1	+27.2
08		300 24.1	N12 29.7	115.3	+36.7
09		315 24.2	N12 30.6	131.3	+45.1
10		330 24.3	N12 31.4	151.2	+51.4
11		345 24.5	N12 32.2	175.1	+54.3
12		0 24.6	N12 33.1	199.8	+53.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		15 24.7	N12 33.9	221.4	+47.9
14		30 24.8	N12 34.7	238.9	+40.2
15		45 24.9	N12 35.6	253.0	+31.1
16		60 25.0	N12 36.4	265.2	+21.3
17		75 25.2	N12 37.2	276.3	+11.4
18		90 25.3	N12 38.1	287.3	+01.9
19		105 25.4	N12 38.9	298.8	-07.6
20		120 25.5	N12 39.7	311.2	-15.8
21		135 25.6	N12 40.5	325.0	-22.5
22		150 25.7	N12 41.4	340.3	-27.1
23		165 25.9	N12 42.2	356.7	-29.1
00	2027-04-24	180 26.0	N12 43.0	013.4	-28.2
01		195 26.1	N12 43.9	029.2	-24.5
02		210 26.2	N12 44.7	043.6	-18.6
03		225 26.3	N12 45.5	056.5	-10.9
04		240 26.4	N12 46.3	068.2	-02.0
05		255 26.5	N12 47.2	079.3	+07.7
06		270 26.7	N12 48.0	090.3	+17.6
07		285 26.8	N12 48.8	101.9	+27.5
08		300 26.9	N12 49.6	115.1	+37.0
09		315 27.0	N12 50.5	131.1	+45.4
10		330 27.1	N12 51.3	151.1	+51.7
11		345 27.2	N12 52.1	175.1	+54.6
12		0 27.3	N12 52.9	200.0	+53.3
13		15 27.5	N12 53.7	221.7	+48.2
14		30 27.6	N12 54.6	239.2	+40.5
15		45 27.7	N12 55.4	253.3	+31.3
16		60 27.8	N12 56.2	265.4	+21.5
17		75 27.9	N12 57.0	276.6	+11.6
18		90 28.0	N12 57.9	287.6	+02.1
19		105 28.1	N12 58.7	299.0	-07.4
20		120 28.2	N12 59.5	311.4	-15.6
21		135 28.3	N13 00.3	325.1	-22.2
22		150 28.5	N13 01.1	340.4	-26.8
23		165 28.6	N13 02.0	356.8	-28.7
00	2027-04-25	180 28.7	N13 02.8	013.4	-27.8
01		195 28.8	N13 03.6	029.1	-24.2
02		210 28.9	N13 04.4	043.5	-18.3
03		225 29.0	N13 05.2	056.3	-10.6
04		240 29.1	N13 06.0	068.0	-01.8
05		255 29.2	N13 06.9	079.1	+08.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		270 29.3	N13 07.7	090.1	+17.8
07		285 29.4	N13 08.5	101.7	+27.8
08		300 29.6	N13 09.3	114.9	+37.3
09		315 29.7	N13 10.1	130.9	+45.7
10		330 29.8	N13 10.9	151.0	+52.0
11		345 29.9	N13 11.8	175.1	+55.0
12		0 30.0	N13 12.6	200.2	+53.6
13		15 30.1	N13 13.4	222.0	+48.4
14		30 30.2	N13 14.2	239.5	+40.7
15		45 30.3	N13 15.0	253.6	+31.6
16		60 30.4	N13 15.8	265.7	+21.8
17		75 30.5	N13 16.6	276.9	+11.8
18		90 30.6	N13 17.4	287.8	+02.3
19		105 30.7	N13 18.3	299.2	-07.2
20		120 30.8	N13 19.1	311.6	-15.3
21		135 30.9	N13 19.9	325.3	-21.9
22		150 31.1	N13 20.7	340.5	-26.5
23		165 31.2	N13 21.5	356.9	-28.4
00	2027-04-26	180 31.3	N13 22.3	013.4	-27.5
01		195 31.4	N13 23.1	029.1	-23.9
02		210 31.5	N13 23.9	043.3	-18.0
03		225 31.6	N13 24.7	056.2	-10.3
04		240 31.7	N13 25.5	067.9	-01.5
05		255 31.8	N13 26.4	078.9	+08.2
06		270 31.9	N13 27.2	089.9	+18.1
07		285 32.0	N13 28.0	101.5	+28.0
08		300 32.1	N13 28.8	114.7	+37.5
09		315 32.2	N13 29.6	130.7	+46.0
10		330 32.3	N13 30.4	150.9	+52.3
11		345 32.4	N13 31.2	175.2	+55.3
12		0 32.5	N13 32.0	200.4	+53.9
13		15 32.6	N13 32.8	222.3	+48.7
14		30 32.7	N13 33.6	239.8	+40.9
15		45 32.8	N13 34.4	253.9	+31.8
16		60 32.9	N13 35.2	266.0	+22.0
17		75 33.0	N13 36.0	277.1	+12.0
18		90 33.1	N13 36.8	288.1	+02.5
19		105 33.2	N13 37.6	299.4	-06.9
20		120 33.3	N13 38.4	311.8	-15.0
21		135 33.4	N13 39.2	325.5	-21.6
22		150 33.5	N13 40.0	340.7	-26.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		165 33.6	N13 40.8	356.9	-28.1
00	2027-04-27	180 33.7	N13 41.6	013.3	-27.2
01		195 33.8	N13 42.4	029.0	-23.6
02		210 33.9	N13 43.2	043.2	-17.7
03		225 34.0	N13 44.0	056.0	-10.0
04		240 34.1	N13 44.8	067.7	-01.2
05		255 34.2	N13 45.6	078.7	+08.5
06		270 34.3	N13 46.4	089.7	+18.4
07		285 34.4	N13 47.2	101.3	+28.3
08		300 34.5	N13 48.0	114.5	+37.8
09		315 34.6	N13 48.8	130.5	+46.3
10		330 34.7	N13 49.6	150.7	+52.6
11		345 34.8	N13 50.4	175.2	+55.6
12		0 34.9	N13 51.2	200.6	+54.2
13		15 35.0	N13 52.0	222.6	+49.0
14		30 35.1	N13 52.8	240.1	+41.2
15		45 35.2	N13 53.6	254.2	+32.0
16		60 35.3	N13 54.4	266.3	+22.2
17		75 35.4	N13 55.2	277.4	+12.2
18		90 35.5	N13 56.0	288.3	+02.7
19		105 35.6	N13 56.8	299.7	-06.7
20		120 35.7	N13 57.6	312.0	-14.8
21		135 35.8	N13 58.4	325.7	-21.4
22		150 35.9	N13 59.1	340.8	-25.9
23		165 36.0	N13 59.9	357.0	-27.8
00	2027-04-28	180 36.1	N14 00.7	013.3	-26.9
01		195 36.1	N14 01.5	028.9	-23.2
02		210 36.2	N14 02.3	043.1	-17.4
03		225 36.3	N14 03.1	055.9	-09.7
04		240 36.4	N14 03.9	067.5	-00.3
05		255 36.5	N14 04.7	078.5	+08.7
06		270 36.6	N14 05.5	089.5	+18.6
07		285 36.7	N14 06.3	101.0	+28.6
08		300 36.8	N14 07.0	114.2	+38.1
09		315 36.9	N14 07.8	130.3	+46.6
10		330 37.0	N14 08.6	150.6	+52.9
11		345 37.1	N14 09.4	175.2	+55.9
12		0 37.2	N14 10.2	200.8	+54.5
13		15 37.3	N14 11.0	222.8	+49.2
14		30 37.3	N14 11.8	240.3	+41.4
15		45 37.4	N14 12.5	254.4	+32.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		60 37.5	N14 13.3	266.5	+22.4
17		75 37.6	N14 14.1	277.6	+12.4
18		90 37.7	N14 14.9	288.5	+02.9
19		105 37.8	N14 15.7	299.9	-06.5
20		120 37.9	N14 16.5	312.2	-14.5
21		135 38.0	N14 17.2	325.8	-21.1
22		150 38.1	N14 18.0	340.9	-25.6
23		165 38.2	N14 18.8	357.0	-27.5
00	2027-04-29	180 38.2	N14 19.6	013.3	-26.6
01		195 38.3	N14 20.4	028.8	-22.9
02		210 38.4	N14 21.2	043.0	-17.1
03		225 38.5	N14 21.9	055.7	-09.5
04		240 38.6	N14 22.7	067.3	-00.1
05		255 38.7	N14 23.5	078.3	+09.0
06		270 38.8	N14 24.3	089.3	+18.9
07		285 38.9	N14 25.1	100.8	+28.8
08		300 39.0	N14 25.8	114.0	+38.4
09		315 39.0	N14 26.6	130.1	+46.8
10		330 39.1	N14 27.4	150.5	+53.3
11		345 39.2	N14 28.2	175.3	+56.2
12		0 39.3	N14 28.9	201.0	+54.8
13		15 39.4	N14 29.7	223.1	+49.5
14		30 39.5	N14 30.5	240.6	+41.6
15		45 39.6	N14 31.3	254.7	+32.4
16		60 39.6	N14 32.0	266.8	+22.6
17		75 39.7	N14 32.8	277.9	+12.6
18		90 39.8	N14 33.6	288.8	+03.1
19		105 39.9	N14 34.4	300.1	-06.2
20		120 40.0	N14 35.1	312.4	-14.3
21		135 40.1	N14 35.9	326.0	-20.8
22		150 40.1	N14 36.7	341.0	-25.3
23		165 40.2	N14 37.5	357.1	-27.2
00	2027-04-30	180 40.3	N14 38.2	013.3	-26.2
01		195 40.4	N14 39.0	028.7	-22.6
02		210 40.5	N14 39.8	042.9	-16.8
03		225 40.6	N14 40.5	055.6	-09.2
04		240 40.6	N14 41.3	067.2	+00.1
05		255 40.7	N14 42.1	078.1	+09.2
06		270 40.8	N14 42.8	089.1	+19.1
07		285 40.9	N14 43.6	100.6	+29.1
08		300 41.0	N14 44.4	113.8	+38.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		315 41.1	N14 45.1	129.9	+47.1
10		330 41.1	N14 45.9	150.4	+53.6
11		345 41.2	N14 46.7	175.3	+56.5
12		0 41.3	N14 47.5	201.1	+55.1
13		15 41.4	N14 48.2	223.4	+49.8
14		30 41.5	N14 49.0	240.9	+41.9
15		45 41.5	N14 49.7	255.0	+32.6
16		60 41.6	N14 50.5	267.0	+22.8
17		75 41.7	N14 51.3	278.1	+12.8
18		90 41.8	N14 52.0	289.0	+03.3
19		105 41.9	N14 52.8	300.3	-06.0
20		120 41.9	N14 53.6	312.6	-14.0
21		135 42.0	N14 54.3	326.2	-20.5
22		150 42.1	N14 55.1	341.1	-25.0
23		165 42.2	N14 55.9	357.1	-26.9
00	2027-05-01	180 42.2	N14 56.6	013.3	-25.9
01		195 42.3	N14 57.4	028.7	-22.3
02		210 42.4	N14 58.1	042.7	-16.5
03		225 42.5	N14 58.9	055.4	-08.9
04		240 42.6	N14 59.7	067.0	+00.4
05		255 42.6	N15 00.4	077.9	+09.5
06		270 42.7	N15 01.2	088.9	+19.4
07		285 42.8	N15 01.9	100.4	+29.3
08		300 42.9	N15 02.7	113.6	+38.9
09		315 42.9	N15 03.4	129.7	+47.4
10		330 43.0	N15 04.2	150.3	+53.9
11		345 43.1	N15 05.0	175.3	+56.8
12		0 43.2	N15 05.7	201.3	+55.4
13		15 43.2	N15 06.5	223.6	+50.0
14		30 43.3	N15 07.2	241.2	+42.1
15		45 43.4	N15 08.0	255.3	+32.8
16		60 43.5	N15 08.7	267.3	+23.0
17		75 43.5	N15 09.5	278.3	+13.0
18		90 43.6	N15 10.2	289.2	+03.5
19		105 43.7	N15 11.0	300.5	-05.8
20		120 43.7	N15 11.8	312.8	-13.8
21		135 43.8	N15 12.5	326.3	-20.3
22		150 43.9	N15 13.3	341.2	-24.7
23		165 44.0	N15 14.0	357.2	-26.6
00	2027-05-02	180 44.0	N15 14.8	013.3	-25.6
01		195 44.1	N15 15.5	028.6	-22.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		210 44.2	N15 16.3	042.6	-16.2
03		225 44.2	N15 17.0	055.3	-08.7
04		240 44.3	N15 17.8	066.8	+00.6
05		255 44.4	N15 18.5	077.8	+09.7
06		270 44.5	N15 19.3	088.7	+19.6
07		285 44.5	N15 20.0	100.2	+29.6
08		300 44.6	N15 20.8	113.4	+39.1
09		315 44.7	N15 21.5	129.5	+47.7
10		330 44.7	N15 22.2	150.1	+54.1
11		345 44.8	N15 23.0	175.3	+57.1
12		0 44.9	N15 23.7	201.5	+55.7
13		15 44.9	N15 24.5	223.9	+50.3
14		30 45.0	N15 25.2	241.5	+42.3
15		45 45.1	N15 26.0	255.5	+33.0
16		60 45.2	N15 26.7	267.5	+23.2
17		75 45.2	N15 27.5	278.6	+13.2
18		90 45.3	N15 28.2	289.4	+03.7
19		105 45.4	N15 28.9	300.7	-05.6
20		120 45.4	N15 29.7	312.9	-13.5
21		135 45.5	N15 30.4	326.5	-20.0
22		150 45.6	N15 31.2	341.3	-24.4
23		165 45.6	N15 31.9	357.2	-26.3
00	2027-05-03	180 45.7	N15 32.7	013.2	-25.3
01		195 45.8	N15 33.4	028.5	-21.8
02		210 45.8	N15 34.1	042.5	-15.9
03		225 45.9	N15 34.9	055.1	-08.4
04		240 46.0	N15 35.6	066.7	+00.8
05		255 46.0	N15 36.3	077.6	+10.0
06		270 46.1	N15 37.1	088.5	+19.8
07		285 46.1	N15 37.8	100.0	+29.8
08		300 46.2	N15 38.6	113.2	+39.4
09		315 46.3	N15 39.3	129.3	+47.9
10		330 46.3	N15 40.0	150.0	+54.4
11		345 46.4	N15 40.8	175.4	+57.4
12		0 46.5	N15 41.5	201.7	+56.0
13		15 46.5	N15 42.2	224.2	+50.5
14		30 46.6	N15 43.0	241.7	+42.5
15		45 46.7	N15 43.7	255.8	+33.2
16		60 46.7	N15 44.4	267.8	+23.4
17		75 46.8	N15 45.2	278.8	+13.4
18		90 46.8	N15 45.9	289.6	+03.9
19		105 46.9	N15 46.6	300.9	-05.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		120 47.0	N15 47.4	313.1	-13.3
21		135 47.0	N15 48.1	326.6	-19.7
22		150 47.1	N15 48.8	341.4	-24.1
23		165 47.1	N15 49.6	357.2	-26.0
00	2027-05-04	180 47.2	N15 50.3	013.2	-25.0
01		195 47.3	N15 51.0	028.4	-21.5
02		210 47.3	N15 51.7	042.4	-15.7
03		225 47.4	N15 52.5	055.0	-08.1
04		240 47.4	N15 53.2	066.5	+01.0
05		255 47.5	N15 53.9	077.4	+10.2
06		270 47.6	N15 54.7	088.3	+20.1
07		285 47.6	N15 55.4	099.8	+30.0
08		300 47.7	N15 56.1	112.9	+39.6
09		315 47.7	N15 56.8	129.1	+48.2
10		330 47.8	N15 57.6	149.9	+54.7
11		345 47.8	N15 58.3	175.4	+57.7
12		0 47.9	N15 59.0	201.9	+56.2
13		15 48.0	N15 59.7	224.4	+50.8
14		30 48.0	N16 00.5	242.0	+42.7
15		45 48.1	N16 01.2	256.0	+33.4
16		60 48.1	N16 01.9	268.0	+23.6
17		75 48.2	N16 02.6	279.0	+13.6
18		90 48.2	N16 03.3	289.8	+04.1
19		105 48.3	N16 04.1	301.1	-05.1
20		120 48.4	N16 04.8	313.3	-13.1
21		135 48.4	N16 05.5	326.7	-19.5
22		150 48.5	N16 06.2	341.5	-23.8
23		165 48.5	N16 06.9	357.3	-25.7
00	2027-05-05	180 48.6	N16 07.7	013.2	-24.7
01		195 48.6	N16 08.4	028.3	-21.2
02		210 48.7	N16 09.1	042.3	-15.4
03		225 48.7	N16 09.8	054.8	-07.9
04		240 48.8	N16 10.5	066.3	+01.2
05		255 48.8	N16 11.2	077.2	+10.4
06		270 48.9	N16 12.0	088.1	+20.3
07		285 48.9	N16 12.7	099.6	+30.2
08		300 49.0	N16 13.4	112.7	+39.8
09		315 49.1	N16 14.1	128.9	+48.4
10		330 49.1	N16 14.8	149.7	+55.0
11		345 49.2	N16 15.5	175.4	+58.0
12		0 49.2	N16 16.2	202.0	+56.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		15 49.3	N16 17.0	224.7	+51.0
14		30 49.3	N16 17.7	242.3	+43.0
15		45 49.4	N16 18.4	256.3	+33.6
16		60 49.4	N16 19.1	268.2	+23.8
17		75 49.5	N16 19.8	279.2	+13.8
18		90 49.5	N16 20.5	290.0	+04.3
19		105 49.6	N16 21.2	301.3	-04.9
20		120 49.6	N16 21.9	313.5	-12.8
21		135 49.7	N16 22.6	326.9	-19.2
22		150 49.7	N16 23.3	341.6	-23.6
23		165 49.8	N16 24.1	357.3	-25.4
00	2027-05-06	180 49.8	N16 24.8	013.1	-24.5
01		195 49.9	N16 25.5	028.3	-20.9
02		210 49.9	N16 26.2	042.1	-15.1
03		225 49.9	N16 26.9	054.7	-07.6
04		240 50.0	N16 27.6	066.2	+01.4
05		255 50.0	N16 28.3	077.0	+10.6
06		270 50.1	N16 29.0	087.9	+20.5
07		285 50.1	N16 29.7	099.4	+30.5
08		300 50.2	N16 30.4	112.5	+40.1
09		315 50.2	N16 31.1	128.7	+48.7
10		330 50.3	N16 31.8	149.6	+55.3
11		345 50.3	N16 32.5	175.4	+58.3
12		0 50.4	N16 33.2	202.2	+56.8
13		15 50.4	N16 33.9	224.9	+51.2
14		30 50.5	N16 34.6	242.5	+43.2
15		45 50.5	N16 35.3	256.5	+33.8
16		60 50.5	N16 36.0	268.5	+23.9
17		75 50.6	N16 36.7	279.4	+14.0
18		90 50.6	N16 37.4	290.2	+04.5
19		105 50.7	N16 38.1	301.5	-04.7
20		120 50.7	N16 38.8	313.6	-12.6
21		135 50.8	N16 39.5	327.0	-19.0
22		150 50.8	N16 40.2	341.7	-23.3
23		165 50.8	N16 40.9	357.3	-25.1
00	2027-05-07	180 50.9	N16 41.6	013.1	-24.2
01		195 50.9	N16 42.3	028.2	-20.6
02		210 51.0	N16 43.0	042.0	-14.9
03		225 51.0	N16 43.7	054.5	-07.4
04		240 51.1	N16 44.4	066.0	+01.6
05		255 51.1	N16 45.1	076.9	+10.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		270 51.1	N16 45.8	087.7	+20.7
07		285 51.2	N16 46.5	099.2	+30.7
08		300 51.2	N16 47.1	112.3	+40.3
09		315 51.3	N16 47.8	128.5	+48.9
10		330 51.3	N16 48.5	149.4	+55.5
11		345 51.3	N16 49.2	175.4	+58.6
12		0 51.4	N16 49.9	202.4	+57.0
13		15 51.4	N16 50.6	225.2	+51.5
14		30 51.5	N16 51.3	242.8	+43.4
15		45 51.5	N16 52.0	256.8	+34.0
16		60 51.5	N16 52.7	268.7	+24.1
17		75 51.6	N16 53.3	279.7	+14.2
18		90 51.6	N16 54.0	290.4	+04.7
19		105 51.7	N16 54.7	301.7	-04.5
20		120 51.7	N16 55.4	313.8	-12.4
21		135 51.7	N16 56.1	327.1	-18.7
22		150 51.8	N16 56.8	341.8	-23.0
23		165 51.8	N16 57.5	357.4	-24.8
00	2027-05-08	180 51.8	N16 58.1	013.1	-23.9
01		195 51.9	N16 58.8	028.1	-20.4
02		210 51.9	N16 59.5	041.9	-14.6
03		225 51.9	N17 00.2	054.4	-07.2
04		240 52.0	N17 00.9	065.8	+01.8
05		255 52.0	N17 01.6	076.7	+11.1
06		270 52.1	N17 02.2	087.5	+20.9
07		285 52.1	N17 02.9	098.9	+30.9
08		300 52.1	N17 03.6	112.1	+40.5
09		315 52.2	N17 04.3	128.3	+49.2
10		330 52.2	N17 05.0	149.3	+55.8
11		345 52.2	N17 05.6	175.4	+58.9
12		0 52.3	N17 06.3	202.5	+57.3
13		15 52.3	N17 07.0	225.4	+51.7
14		30 52.3	N17 07.7	243.0	+43.6
15		45 52.4	N17 08.3	257.0	+34.2
16		60 52.4	N17 09.0	268.9	+24.3
17		75 52.4	N17 09.7	279.9	+14.4
18		90 52.5	N17 10.4	290.6	+04.9
19		105 52.5	N17 11.1	301.8	-04.3
20		120 52.5	N17 11.7	313.9	-12.1
21		135 52.6	N17 12.4	327.2	-18.5
22		150 52.6	N17 13.1	341.9	-22.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		165 52.6	N17 13.7	357.4	-24.6
00	2027-05-09	180 52.6	N17 14.4	013.1	-23.6
01		195 52.7	N17 15.1	028.0	-20.1
02		210 52.7	N17 15.8	041.8	-14.4
03		225 52.7	N17 16.4	054.2	-06.9
04		240 52.8	N17 17.1	065.7	+02.0
05		255 52.8	N17 17.8	076.5	+11.3
06		270 52.8	N17 18.4	087.3	+21.1
07		285 52.9	N17 19.1	098.7	+31.1
08		300 52.9	N17 19.8	111.8	+40.7
09		315 52.9	N17 20.4	128.1	+49.4
10		330 52.9	N17 21.1	149.1	+56.0
11		345 53.0	N17 21.8	175.4	+59.1
12		0 53.0	N17 22.4	202.7	+57.6
13		15 53.0	N17 23.1	225.6	+51.9
14		30 53.1	N17 23.8	243.3	+43.8
15		45 53.1	N17 24.4	257.2	+34.4
16		60 53.1	N17 25.1	269.1	+24.5
17		75 53.1	N17 25.8	280.1	+14.6
18		90 53.2	N17 26.4	290.8	+05.1
19		105 53.2	N17 27.1	302.0	-04.0
20		120 53.2	N17 27.8	314.1	-11.9
21		135 53.2	N17 28.4	327.4	-18.2
22		150 53.3	N17 29.1	341.9	-22.5
23		165 53.3	N17 29.7	357.4	-24.3
00	2027-05-10	180 53.3	N17 30.4	013.0	-23.4
01		195 53.3	N17 31.1	027.9	-19.9
02		210 53.4	N17 31.7	041.7	-14.1
03		225 53.4	N17 32.4	054.1	-06.7
04		240 53.4	N17 33.0	065.5	+02.2
05		255 53.4	N17 33.7	076.3	+11.5
06		270 53.5	N17 34.3	087.1	+21.3
07		285 53.5	N17 35.0	098.5	+31.3
08		300 53.5	N17 35.7	111.6	+40.9
09		315 53.5	N17 36.3	127.8	+49.6
10		330 53.6	N17 37.0	149.0	+56.3
11		345 53.6	N17 37.6	175.4	+59.4
12		0 53.6	N17 38.3	202.8	+57.8
13		15 53.6	N17 38.9	225.9	+52.1
14		30 53.6	N17 39.6	243.5	+44.0
15		45 53.7	N17 40.2	257.5	+34.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		60 53.7	N17 40.9	269.3	+24.7
17		75 53.7	N17 41.5	280.2	+14.8
18		90 53.7	N17 42.2	291.0	+05.2
19		105 53.7	N17 42.8	302.2	-03.8
20		120 53.8	N17 43.5	314.2	-11.7
21		135 53.8	N17 44.1	327.5	-18.0
22		150 53.8	N17 44.8	342.0	-22.3
23		165 53.8	N17 45.4	357.4	-24.0
00	2027-05-11	180 53.8	N17 46.1	013.0	-23.1
01		195 53.9	N17 46.7	027.9	-19.6
02		210 53.9	N17 47.4	041.5	-13.9
03		225 53.9	N17 48.0	053.9	-06.5
04		240 53.9	N17 48.7	065.3	+02.4
05		255 53.9	N17 49.3	076.1	+11.7
06		270 54.0	N17 50.0	086.9	+21.5
07		285 54.0	N17 50.6	098.3	+31.5
08		300 54.0	N17 51.2	111.4	+41.1
09		315 54.0	N17 51.9	127.6	+49.8
10		330 54.0	N17 52.5	148.8	+56.5
11		345 54.0	N17 53.2	175.4	+59.7
12		0 54.1	N17 53.8	203.0	+58.1
13		15 54.1	N17 54.5	226.1	+52.4
14		30 54.1	N17 55.1	243.7	+44.2
15		45 54.1	N17 55.7	257.7	+34.8
16		60 54.1	N17 56.4	269.5	+24.9
17		75 54.1	N17 57.0	280.4	+14.9
18		90 54.2	N17 57.6	291.2	+05.4
19		105 54.2	N17 58.3	302.3	-03.6
20		120 54.2	N17 58.9	314.3	-11.5
21		135 54.2	N17 59.6	327.6	-17.8
22		150 54.2	N18 00.2	342.1	-22.0
23		165 54.2	N18 00.8	357.4	-23.8
00	2027-05-12	180 54.2	N18 01.5	012.9	-22.9
01		195 54.2	N18 02.1	027.8	-19.4
02		210 54.3	N18 02.7	041.4	-13.7
03		225 54.3	N18 03.4	053.8	-06.3
04		240 54.3	N18 04.0	065.2	+02.6
05		255 54.3	N18 04.6	076.0	+11.8
06		270 54.3	N18 05.3	086.7	+21.7
07		285 54.3	N18 05.9	098.1	+31.7
08		300 54.3	N18 06.5	111.2	+41.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		315 54.3	N18 07.2	127.4	+50.1
10		330 54.4	N18 07.8	148.6	+56.8
11		345 54.4	N18 08.4	175.3	+59.9
12		0 54.4	N18 09.0	203.1	+58.3
13		15 54.4	N18 09.7	226.3	+52.6
14		30 54.4	N18 10.3	244.0	+44.4
15		45 54.4	N18 10.9	257.9	+35.0
16		60 54.4	N18 11.6	269.7	+25.0
17		75 54.4	N18 12.2	280.6	+15.1
18		90 54.4	N18 12.8	291.3	+05.6
19		105 54.4	N18 13.4	302.5	-03.4
20		120 54.5	N18 14.1	314.5	-11.3
21		135 54.5	N18 14.7	327.7	-17.5
22		150 54.5	N18 15.3	342.1	-21.8
23		165 54.5	N18 15.9	357.5	-23.5
00	2027-05-13	180 54.5	N18 16.5	012.9	-22.6
01		195 54.5	N18 17.2	027.7	-19.1
02		210 54.5	N18 17.8	041.3	-13.5
03		225 54.5	N18 18.4	053.7	-06.1
04		240 54.5	N18 19.0	065.0	+02.8
05		255 54.5	N18 19.6	075.8	+12.0
06		270 54.5	N18 20.3	086.5	+21.9
07		285 54.5	N18 20.9	097.9	+31.8
08		300 54.5	N18 21.5	111.0	+41.5
09		315 54.5	N18 22.1	127.2	+50.3
10		330 54.6	N18 22.7	148.5	+57.0
11		345 54.6	N18 23.4	175.3	+60.2
12		0 54.6	N18 24.0	203.2	+58.5
13		15 54.6	N18 24.6	226.5	+52.8
14		30 54.6	N18 25.2	244.2	+44.6
15		45 54.6	N18 25.8	258.1	+35.1
16		60 54.6	N18 26.4	269.9	+25.2
17		75 54.6	N18 27.0	280.8	+15.3
18		90 54.6	N18 27.7	291.5	+05.8
19		105 54.6	N18 28.3	302.6	-03.2
20		120 54.6	N18 28.9	314.6	-11.0
21		135 54.6	N18 29.5	327.8	-17.3
22		150 54.6	N18 30.1	342.2	-21.5
23		165 54.6	N18 30.7	357.5	-23.3
00	2027-05-14	180 54.6	N18 31.3	012.9	-22.4
01		195 54.6	N18 31.9	027.6	-18.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		210 54.6	N18 32.5	041.2	-13.2
03		225 54.6	N18 33.1	053.5	-05.9
04		240 54.6	N18 33.7	064.9	+03.0
05		255 54.6	N18 34.4	075.6	+12.2
06		270 54.6	N18 35.0	086.3	+22.0
07		285 54.6	N18 35.6	097.7	+32.0
08		300 54.6	N18 36.2	110.8	+41.7
09		315 54.6	N18 36.8	127.0	+50.5
10		330 54.6	N18 37.4	148.3	+57.2
11		345 54.6	N18 38.0	175.3	+60.4
12		0 54.6	N18 38.6	203.4	+58.8
13		15 54.6	N18 39.2	226.7	+53.0
14		30 54.6	N18 39.8	244.4	+44.8
15		45 54.6	N18 40.4	258.3	+35.3
16		60 54.6	N18 41.0	270.1	+25.4
17		75 54.6	N18 41.6	281.0	+15.5
18		90 54.6	N18 42.2	291.7	+06.0
19		105 54.6	N18 42.8	302.8	-03.0
20		120 54.6	N18 43.4	314.7	-10.8
21		135 54.6	N18 44.0	327.9	-17.1
22		150 54.6	N18 44.6	342.3	-21.3
23		165 54.6	N18 45.2	357.5	-23.0
00	2027-05-15	180 54.6	N18 45.8	012.8	-22.1
01		195 54.6	N18 46.4	027.5	-18.7
02		210 54.6	N18 47.0	041.1	-13.0
03		225 54.6	N18 47.6	053.4	-05.7
04		240 54.6	N18 48.2	064.7	+03.1
05		255 54.6	N18 48.7	075.5	+12.4
06		270 54.6	N18 49.3	086.2	+22.2
07		285 54.5	N18 49.9	097.5	+32.2
08		300 54.5	N18 50.5	110.6	+41.9
09		315 54.5	N18 51.1	126.8	+50.7
10		330 54.5	N18 51.7	148.2	+57.5
11		345 54.5	N18 52.3	175.3	+60.6
12		0 54.5	N18 52.9	203.5	+59.0
13		15 54.5	N18 53.5	226.9	+53.2
14		30 54.5	N18 54.1	244.6	+44.9
15		45 54.5	N18 54.6	258.5	+35.5
16		60 54.5	N18 55.2	270.3	+25.6
17		75 54.5	N18 55.8	281.1	+15.6
18		90 54.5	N18 56.4	291.8	+06.2
19		105 54.5	N18 57.0	302.9	-02.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		120 54.5	N18 57.6	314.9	-10.6
21		135 54.5	N18 58.2	328.0	-16.9
22		150 54.4	N18 58.7	342.3	-21.1
23		165 54.4	N18 59.3	357.5	-22.8
00	2027-05-16	180 54.4	N18 59.9	012.8	-21.9
01		195 54.4	N19 00.5	027.4	-18.4
02		210 54.4	N19 01.1	041.0	-12.8
03		225 54.4	N19 01.7	053.3	-05.5
04		240 54.4	N19 02.2	064.6	+03.3
05		255 54.4	N19 02.8	075.3	+12.6
06		270 54.4	N19 03.4	086.0	+22.4
07		285 54.4	N19 04.0	097.3	+32.4
08		300 54.3	N19 04.6	110.3	+42.1
09		315 54.3	N19 05.1	126.6	+50.9
10		330 54.3	N19 05.7	148.0	+57.7
11		345 54.3	N19 06.3	175.2	+60.9
12		0 54.3	N19 06.9	203.6	+59.2
13		15 54.3	N19 07.4	227.1	+53.4
14		30 54.3	N19 08.0	244.8	+45.1
15		45 54.3	N19 08.6	258.7	+35.6
16		60 54.2	N19 09.2	270.5	+25.7
17		75 54.2	N19 09.7	281.3	+15.8
18		90 54.2	N19 10.3	292.0	+06.3
19		105 54.2	N19 10.9	303.0	-02.7
20		120 54.2	N19 11.5	315.0	-10.4
21		135 54.2	N19 12.0	328.1	-16.6
22		150 54.2	N19 12.6	342.4	-20.8
23		165 54.1	N19 13.2	357.5	-22.6
00	2027-05-17	180 54.1	N19 13.7	012.7	-21.7
01		195 54.1	N19 14.3	027.4	-18.2
02		210 54.1	N19 14.9	040.8	-12.6
03		225 54.1	N19 15.4	053.1	-05.3
04		240 54.1	N19 16.0	064.4	+03.5
05		255 54.0	N19 16.6	075.1	+12.7
06		270 54.0	N19 17.1	085.8	+22.5
07		285 54.0	N19 17.7	097.1	+32.5
08		300 54.0	N19 18.3	110.1	+42.2
09		315 54.0	N19 18.8	126.3	+51.0
10		330 54.0	N19 19.4	147.8	+57.9
11		345 53.9	N19 20.0	175.2	+61.1
12		0 53.9	N19 20.5	203.7	+59.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		15 53.9	N19 21.1	227.3	+53.6
14		30 53.9	N19 21.6	245.0	+45.3
15		45 53.9	N19 22.2	258.9	+35.8
16		60 53.9	N19 22.8	270.7	+25.9
17		75 53.8	N19 23.3	281.5	+16.0
18		90 53.8	N19 23.9	292.1	+06.5
19		105 53.8	N19 24.4	303.2	-02.5
20		120 53.8	N19 25.0	315.1	-10.2
21		135 53.8	N19 25.6	328.1	-16.4
22		150 53.7	N19 26.1	342.4	-20.6
23		165 53.7	N19 26.7	357.5	-22.3
00	2027-05-18	180 53.7	N19 27.2	012.7	-21.5
01		195 53.7	N19 27.8	027.3	-18.0
02		210 53.7	N19 28.3	040.7	-12.4
03		225 53.6	N19 28.9	053.0	-05.1
04		240 53.6	N19 29.4	064.3	+03.6
05		255 53.6	N19 30.0	075.0	+12.9
06		270 53.6	N19 30.5	085.6	+22.7
07		285 53.5	N19 31.1	096.9	+32.7
08		300 53.5	N19 31.6	109.9	+42.4
09		315 53.5	N19 32.2	126.1	+51.2
10		330 53.5	N19 32.7	147.6	+58.1
11		345 53.5	N19 33.3	175.1	+61.3
12		0 53.4	N19 33.8	203.9	+59.7
13		15 53.4	N19 34.4	227.5	+53.8
14		30 53.4	N19 34.9	245.2	+45.5
15		45 53.4	N19 35.5	259.1	+36.0
16		60 53.3	N19 36.0	270.8	+26.0
17		75 53.3	N19 36.6	281.6	+16.1
18		90 53.3	N19 37.1	292.2	+06.7
19		105 53.3	N19 37.7	303.3	-02.3
20		120 53.2	N19 38.2	315.2	-10.0
21		135 53.2	N19 38.8	328.2	-16.2
22		150 53.2	N19 39.3	342.4	-20.4
23		165 53.2	N19 39.8	357.5	-22.1
00	2027-05-19	180 53.1	N19 40.4	012.7	-21.2
01		195 53.1	N19 40.9	027.2	-17.8
02		210 53.1	N19 41.5	040.6	-12.2
03		225 53.0	N19 42.0	052.9	-04.9
04		240 53.0	N19 42.5	064.1	+03.8
05		255 53.0	N19 43.1	074.8	+13.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		270 53.0	N19 43.6	085.5	+22.8
07		285 52.9	N19 44.2	096.8	+32.8
08		300 52.9	N19 44.7	109.7	+42.5
09		315 52.9	N19 45.2	125.9	+51.4
10		330 52.8	N19 45.8	147.5	+58.3
11		345 52.8	N19 46.3	175.1	+61.5
12		0 52.8	N19 46.8	204.0	+59.9
13		15 52.8	N19 47.4	227.7	+54.0
14		30 52.7	N19 47.9	245.4	+45.7
15		45 52.7	N19 48.4	259.3	+36.1
16		60 52.7	N19 49.0	271.0	+26.2
17		75 52.6	N19 49.5	281.8	+16.3
18		90 52.6	N19 50.0	292.4	+06.8
19		105 52.6	N19 50.6	303.4	-02.1
20		120 52.5	N19 51.1	315.3	-09.8
21		135 52.5	N19 51.6	328.3	-16.0
22		150 52.5	N19 52.2	342.5	-20.2
23		165 52.5	N19 52.7	357.5	-21.9
00	2027-05-20	180 52.4	N19 53.2	012.6	-21.0
01		195 52.4	N19 53.7	027.1	-17.6
02		210 52.4	N19 54.3	040.5	-12.0
03		225 52.3	N19 54.8	052.7	-04.8
04		240 52.3	N19 55.3	064.0	+03.9
05		255 52.3	N19 55.8	074.7	+13.2
06		270 52.2	N19 56.4	085.3	+23.0
07		285 52.2	N19 56.9	096.6	+33.0
08		300 52.2	N19 57.4	109.5	+42.7
09		315 52.1	N19 57.9	125.7	+51.6
10		330 52.1	N19 58.5	147.3	+58.5
11		345 52.1	N19 59.0	175.0	+61.7
12		0 52.0	N19 59.5	204.1	+60.1
13		15 52.0	N20 00.0	227.8	+54.2
14		30 51.9	N20 00.5	245.6	+45.8
15		45 51.9	N20 01.1	259.4	+36.3
16		60 51.9	N20 01.6	271.1	+26.4
17		75 51.8	N20 02.1	281.9	+16.5
18		90 51.8	N20 02.6	292.5	+07.0
19		105 51.8	N20 03.1	303.5	-01.9
20		120 51.7	N20 03.6	315.4	-09.6
21		135 51.7	N20 04.2	328.4	-15.8
22		150 51.7	N20 04.7	342.5	-20.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		165 51.6	N20 05.2	357.5	-21.7
00	2027-05-21	180 51.6	N20 05.7	012.6	-20.8
01		195 51.5	N20 06.2	027.0	-17.4
02		210 51.5	N20 06.7	040.4	-11.9
03		225 51.5	N20 07.2	052.6	-04.6
04		240 51.4	N20 07.7	063.8	+04.1
05		255 51.4	N20 08.3	074.5	+13.3
06		270 51.4	N20 08.8	085.1	+23.1
07		285 51.3	N20 09.3	096.4	+33.1
08		300 51.3	N20 09.8	109.3	+42.8
09		315 51.2	N20 10.3	125.5	+51.7
10		330 51.2	N20 10.8	147.1	+58.7
11		345 51.2	N20 11.3	175.0	+61.9
12		0 51.1	N20 11.8	204.2	+60.3
13		15 51.1	N20 12.3	228.0	+54.4
14		30 51.0	N20 12.8	245.8	+46.0
15		45 51.0	N20 13.3	259.6	+36.5
16		60 50.9	N20 13.8	271.3	+26.5
17		75 50.9	N20 14.3	282.0	+16.6
18		90 50.9	N20 14.8	292.6	+07.2
19		105 50.8	N20 15.3	303.6	-01.8
20		120 50.8	N20 15.8	315.5	-09.5
21		135 50.7	N20 16.3	328.4	-15.6
22		150 50.7	N20 16.8	342.5	-19.8
23		165 50.7	N20 17.3	357.5	-21.5
00	2027-05-22	180 50.6	N20 17.8	012.5	-20.6
01		195 50.6	N20 18.3	026.9	-17.2
02		210 50.5	N20 18.8	040.3	-11.7
03		225 50.5	N20 19.3	052.5	-04.4
04		240 50.4	N20 19.8	063.7	+04.2
05		255 50.4	N20 20.3	074.3	+13.4
06		270 50.3	N20 20.8	084.9	+23.2
07		285 50.3	N20 21.3	096.2	+33.2
08		300 50.3	N20 21.8	109.1	+43.0
09		315 50.2	N20 22.3	125.3	+51.9
10		330 50.2	N20 22.8	146.9	+58.8
11		345 50.1	N20 23.3	174.9	+62.1
12		0 50.1	N20 23.8	204.2	+60.5
13		15 50.0	N20 24.3	228.2	+54.5
14		30 50.0	N20 24.8	245.9	+46.1
15		45 49.9	N20 25.3	259.8	+36.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		60 49.9	N20 25.7	271.4	+26.7
17		75 49.8	N20 26.2	282.2	+16.8
18		90 49.8	N20 26.7	292.7	+07.3
19		105 49.7	N20 27.2	303.7	-01.6
20		120 49.7	N20 27.7	315.5	-09.3
21		135 49.6	N20 28.2	328.5	-15.4
22		150 49.6	N20 28.7	342.6	-19.6
23		165 49.6	N20 29.2	357.4	-21.3
00	2027-05-23	180 49.5	N20 29.6	012.5	-20.4
01		195 49.5	N20 30.1	026.9	-17.1
02		210 49.4	N20 30.6	040.2	-11.5
03		225 49.4	N20 31.1	052.3	-04.3
04		240 49.3	N20 31.6	063.6	+04.4
05		255 49.3	N20 32.1	074.2	+13.6
06		270 49.2	N20 32.5	084.8	+23.4
07		285 49.2	N20 33.0	096.0	+33.4
08		300 49.1	N20 33.5	108.9	+43.1
09		315 49.1	N20 34.0	125.1	+52.0
10		330 49.0	N20 34.4	146.8	+59.0
11		345 49.0	N20 34.9	174.9	+62.3
12		0 48.9	N20 35.4	204.3	+60.7
13		15 48.8	N20 35.9	228.3	+54.7
14		30 48.8	N20 36.4	246.1	+46.3
15		45 48.7	N20 36.8	259.9	+36.8
16		60 48.7	N20 37.3	271.6	+26.8
17		75 48.6	N20 37.8	282.3	+16.9
18		90 48.6	N20 38.3	292.9	+07.5
19		105 48.5	N20 38.7	303.8	-01.4
20		120 48.5	N20 39.2	315.6	-09.1
21		135 48.4	N20 39.7	328.5	-15.3
22		150 48.4	N20 40.1	342.6	-19.4
23		165 48.3	N20 40.6	357.4	-21.1
00	2027-05-24	180 48.3	N20 41.1	012.4	-20.2
01		195 48.2	N20 41.6	026.8	-16.9
02		210 48.2	N20 42.0	040.1	-11.4
03		225 48.1	N20 42.5	052.2	-04.1
04		240 48.0	N20 43.0	063.4	+04.5
05		255 48.0	N20 43.4	074.0	+13.7
06		270 47.9	N20 43.9	084.6	+23.5
07		285 47.9	N20 44.4	095.8	+33.5
08		300 47.8	N20 44.8	108.7	+43.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		315 47.8	N20 45.3	124.9	+52.2
10		330 47.7	N20 45.7	146.6	+59.2
11		345 47.7	N20 46.2	174.8	+62.5
12		0 47.6	N20 46.7	204.4	+60.8
13		15 47.5	N20 47.1	228.4	+54.9
14		30 47.5	N20 47.6	246.3	+46.5
15		45 47.4	N20 48.1	260.0	+36.9
16		60 47.4	N20 48.5	271.7	+27.0
17		75 47.3	N20 49.0	282.4	+17.1
18		90 47.2	N20 49.4	293.0	+07.6
19		105 47.2	N20 49.9	303.9	-01.3
20		120 47.1	N20 50.4	315.7	-08.9
21		135 47.1	N20 50.8	328.6	-15.1
22		150 47.0	N20 51.3	342.6	-19.2
23		165 47.0	N20 51.7	357.4	-20.9
00	2027-05-25	180 46.9	N20 52.2	012.4	-20.1
01		195 46.8	N20 52.6	026.7	-16.7
02		210 46.8	N20 53.1	040.0	-11.2
03		225 46.7	N20 53.5	052.1	-04.0
04		240 46.7	N20 54.0	063.3	+04.6
05		255 46.6	N20 54.4	073.9	+13.8
06		270 46.5	N20 54.9	084.5	+23.6
07		285 46.5	N20 55.3	095.7	+33.6
08		300 46.4	N20 55.8	108.5	+43.4
09		315 46.3	N20 56.2	124.7	+52.3
10		330 46.3	N20 56.7	146.4	+59.3
11		345 46.2	N20 57.1	174.7	+62.7
12		0 46.2	N20 57.6	204.5	+61.0
13		15 46.1	N20 58.0	228.6	+55.0
14		30 46.0	N20 58.5	246.4	+46.6
15		45 46.0	N20 58.9	260.2	+37.1
16		60 45.9	N20 59.4	271.8	+27.1
17		75 45.8	N20 59.8	282.5	+17.2
18		90 45.8	N21 00.3	293.1	+07.8
19		105 45.7	N21 00.7	304.0	-01.1
20		120 45.7	N21 01.1	315.8	-08.8
21		135 45.6	N21 01.6	328.6	-14.9
22		150 45.5	N21 02.0	342.6	-19.0
23		165 45.5	N21 02.5	357.4	-20.7
00	2027-05-26	180 45.4	N21 02.9	012.3	-19.9
01		195 45.3	N21 03.4	026.6	-16.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		210 45.3	N21 03.8	039.9	-11.1
03		225 45.2	N21 04.2	052.0	-03.9
04		240 45.1	N21 04.7	063.1	+04.7
05		255 45.1	N21 05.1	073.8	+13.9
06		270 45.0	N21 05.5	084.3	+23.7
07		285 44.9	N21 06.0	095.5	+33.7
08		300 44.9	N21 06.4	108.3	+43.5
09		315 44.8	N21 06.8	124.5	+52.4
10		330 44.7	N21 07.3	146.2	+59.5
11		345 44.7	N21 07.7	174.6	+62.9
12		0 44.6	N21 08.1	204.5	+61.2
13		15 44.5	N21 08.6	228.7	+55.2
14		30 44.5	N21 09.0	246.5	+46.8
15		45 44.4	N21 09.4	260.3	+37.2
16		60 44.3	N21 09.9	272.0	+27.2
17		75 44.3	N21 10.3	282.6	+17.4
18		90 44.2	N21 10.7	293.2	+07.9
19		105 44.1	N21 11.2	304.1	-00.3
20		120 44.1	N21 11.6	315.8	-08.6
21		135 44.0	N21 12.0	328.7	-14.7
22		150 43.9	N21 12.4	342.6	-18.8
23		165 43.8	N21 12.9	357.4	-20.6
00	2027-05-27	180 43.8	N21 13.3	012.2	-19.7
01		195 43.7	N21 13.7	026.5	-16.4
02		210 43.6	N21 14.1	039.8	-10.9
03		225 43.6	N21 14.6	051.9	-03.7
04		240 43.5	N21 15.0	063.0	+04.9
05		255 43.4	N21 15.4	073.6	+14.0
06		270 43.4	N21 15.8	084.2	+23.8
07		285 43.3	N21 16.2	095.3	+33.8
08		300 43.2	N21 16.7	108.2	+43.6
09		315 43.1	N21 17.1	124.3	+52.5
10		330 43.1	N21 17.5	146.0	+59.6
11		345 43.0	N21 17.9	174.6	+63.0
12		0 42.9	N21 18.3	204.6	+61.4
13		15 42.8	N21 18.8	228.8	+55.4
14		30 42.8	N21 19.2	246.7	+46.9
15		45 42.7	N21 19.6	260.4	+37.3
16		60 42.6	N21 20.0	272.1	+27.4
17		75 42.6	N21 20.4	282.7	+17.5
18		90 42.5	N21 20.8	293.3	+08.1
19		105 42.4	N21 21.2	304.2	-00.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		120 42.3	N21 21.6	315.9	-08.4
21		135 42.3	N21 22.1	328.7	-14.6
22		150 42.2	N21 22.5	342.6	-18.7
23		165 42.1	N21 22.9	357.4	-20.4
00	2027-05-28	180 42.0	N21 23.3	012.2	-19.6
01		195 42.0	N21 23.7	026.4	-16.2
02		210 41.9	N21 24.1	039.7	-10.8
03		225 41.8	N21 24.5	051.7	-03.6
04		240 41.7	N21 24.9	062.9	+05.0
05		255 41.7	N21 25.3	073.5	+14.1
06		270 41.6	N21 25.7	084.0	+23.9
07		285 41.5	N21 26.1	095.2	+33.9
08		300 41.4	N21 26.5	108.0	+43.7
09		315 41.3	N21 26.9	124.1	+52.7
10		330 41.3	N21 27.4	145.9	+59.8
11		345 41.2	N21 27.8	174.5	+63.2
12		0 41.1	N21 28.2	204.6	+61.5
13		15 41.0	N21 28.6	228.9	+55.5
14		30 41.0	N21 29.0	246.8	+47.0
15		45 40.9	N21 29.4	260.6	+37.5
16		60 40.8	N21 29.8	272.2	+27.5
17		75 40.7	N21 30.2	282.8	+17.6
18		90 40.6	N21 30.6	293.3	+08.2
19		105 40.6	N21 31.0	304.2	-00.1
20		120 40.5	N21 31.3	316.0	-08.3
21		135 40.4	N21 31.7	328.8	-14.4
22		150 40.3	N21 32.1	342.7	-18.5
23		165 40.2	N21 32.5	357.3	-20.2
00	2027-05-29	180 40.2	N21 32.9	012.1	-19.4
01		195 40.1	N21 33.3	026.4	-16.1
02		210 40.0	N21 33.7	039.6	-10.7
03		225 39.9	N21 34.1	051.6	-03.5
04		240 39.8	N21 34.5	062.8	+05.1
05		255 39.8	N21 34.9	073.3	+14.2
06		270 39.7	N21 35.3	083.9	+24.0
07		285 39.6	N21 35.7	095.0	+34.0
08		300 39.5	N21 36.1	107.8	+43.8
09		315 39.4	N21 36.4	123.9	+52.8
10		330 39.4	N21 36.8	145.7	+59.9
11		345 39.3	N21 37.2	174.4	+63.4
12		0 39.2	N21 37.6	204.7	+61.7

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		15 39.1	N21 38.0	229.1	+55.7
14		30 39.0	N21 38.4	246.9	+47.2
15		45 38.9	N21 38.8	260.7	+37.6
16		60 38.9	N21 39.1	272.3	+27.6
17		75 38.8	N21 39.5	282.9	+17.8
18		90 38.7	N21 39.9	293.4	+08.3
19		105 38.6	N21 40.3	304.3	+00.1
20		120 38.5	N21 40.7	316.0	-08.1
21		135 38.4	N21 41.1	328.8	-14.2
22		150 38.4	N21 41.4	342.7	-18.4
23		165 38.3	N21 41.8	357.3	-20.1
00	2027-05-30	180 38.2	N21 42.2	012.1	-19.3
01		195 38.1	N21 42.6	026.3	-16.0
02		210 38.0	N21 42.9	039.5	-10.5
03		225 37.9	N21 43.3	051.5	-03.4
04		240 37.8	N21 43.7	062.6	+05.2
05		255 37.8	N21 44.1	073.2	+14.3
06		270 37.7	N21 44.4	083.7	+24.1
07		285 37.6	N21 44.8	094.8	+34.1
08		300 37.5	N21 45.2	107.6	+43.9
09		315 37.4	N21 45.6	123.7	+52.9
10		330 37.3	N21 45.9	145.5	+60.0
11		345 37.2	N21 46.3	174.3	+63.5
12		0 37.1	N21 46.7	204.7	+61.8
13		15 37.1	N21 47.1	229.2	+55.8
14		30 37.0	N21 47.4	247.0	+47.3
15		45 36.9	N21 47.8	260.8	+37.7
16		60 36.8	N21 48.2	272.4	+27.8
17		75 36.7	N21 48.5	283.0	+17.9
18		90 36.6	N21 48.9	293.5	+08.5
19		105 36.5	N21 49.3	304.4	+00.2
20		120 36.4	N21 49.6	316.1	-08.0
21		135 36.4	N21 50.0	328.8	-14.1
22		150 36.3	N21 50.4	342.7	-18.2
23		165 36.2	N21 50.7	357.3	-19.9
00	2027-05-31	180 36.1	N21 51.1	012.0	-19.1
01		195 36.0	N21 51.4	026.2	-15.8
02		210 35.9	N21 51.8	039.4	-10.4
03		225 35.8	N21 52.2	051.4	-03.3
04		240 35.7	N21 52.5	062.5	+05.2
05		255 35.6	N21 52.9	073.1	+14.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		270 35.5	N21 53.2	083.6	+24.2
07		285 35.5	N21 53.6	094.7	+34.1
08		300 35.4	N21 54.0	107.4	+43.9
09		315 35.3	N21 54.3	123.5	+53.0
10		330 35.2	N21 54.7	145.3	+60.1
11		345 35.1	N21 55.0	174.2	+63.7
12		0 35.0	N21 55.4	204.7	+62.0
13		15 34.9	N21 55.7	229.2	+55.9
14		30 34.8	N21 56.1	247.1	+47.4
15		45 34.7	N21 56.4	260.9	+37.9
16		60 34.6	N21 56.8	272.5	+27.9
17		75 34.5	N21 57.1	283.1	+18.0
18		90 34.4	N21 57.5	293.6	+08.6
19		105 34.3	N21 57.8	304.4	+00.3
20		120 34.3	N21 58.2	316.1	-07.9
21		135 34.2	N21 58.5	328.8	-13.9
22		150 34.1	N21 58.9	342.7	-18.1
23		165 34.0	N21 59.2	357.2	-19.8
00	2027-06-01	180 33.9	N21 59.6	012.0	-19.0
01		195 33.8	N21 59.9	026.1	-15.7
02		210 33.7	N22 00.3	039.3	-10.3
03		225 33.6	N22 00.6	051.3	-03.2
04		240 33.5	N22 01.0	062.4	+05.3
05		255 33.4	N22 01.3	073.0	+14.5
06		270 33.3	N22 01.7	083.4	+24.2
07		285 33.2	N22 02.0	094.5	+34.2
08		300 33.1	N22 02.3	107.3	+44.0
09		315 33.0	N22 02.7	123.3	+53.1
10		330 32.9	N22 03.0	145.1	+60.3
11		345 32.8	N22 03.4	174.1	+63.8
12		0 32.7	N22 03.7	204.7	+62.1
13		15 32.6	N22 04.0	229.3	+56.1
14		30 32.5	N22 04.4	247.2	+47.6
15		45 32.4	N22 04.7	261.0	+38.0
16		60 32.3	N22 05.0	272.6	+28.0
17		75 32.3	N22 05.4	283.2	+18.1
18		90 32.2	N22 05.7	293.6	+08.7
19		105 32.1	N22 06.0	304.5	+00.4
20		120 32.0	N22 06.4	316.1	-07.7
21		135 31.9	N22 06.7	328.9	-13.8
22		150 31.8	N22 07.0	342.7	-17.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		165 31.7	N22 07.4	357.2	-19.7
00	2027-06-02	180 31.6	N22 07.7	011.9	-18.9
01		195 31.5	N22 08.0	026.0	-15.6
02		210 31.4	N22 08.4	039.2	-10.2
03		225 31.3	N22 08.7	051.2	-03.1
04		240 31.2	N22 09.0	062.3	+05.4
05		255 31.1	N22 09.3	072.8	+14.6
06		270 31.0	N22 09.7	083.3	+24.3
07		285 30.9	N22 10.0	094.4	+34.3
08		300 30.8	N22 10.3	107.1	+44.1
09		315 30.7	N22 10.7	123.1	+53.1
10		330 30.6	N22 11.0	145.0	+60.4
11		345 30.5	N22 11.3	174.0	+63.9
12		0 30.4	N22 11.6	204.7	+62.3
13		15 30.3	N22 11.9	229.4	+56.2
14		30 30.2	N22 12.3	247.3	+47.7
15		45 30.1	N22 12.6	261.1	+38.1
16		60 30.0	N22 12.9	272.6	+28.1
17		75 29.9	N22 13.2	283.2	+18.3
18		90 29.8	N22 13.5	293.7	+08.8
19		105 29.7	N22 13.9	304.5	+00.5
20		120 29.6	N22 14.2	316.2	-07.6
21		135 29.5	N22 14.5	328.9	-13.7
22		150 29.4	N22 14.8	342.6	-17.8
23		165 29.3	N22 15.1	357.2	-19.5
00	2027-06-03	180 29.2	N22 15.4	011.8	-18.7
01		195 29.1	N22 15.8	026.0	-15.5
02		210 28.9	N22 16.1	039.1	-10.1
03		225 28.8	N22 16.4	051.1	-03.0
04		240 28.7	N22 16.7	062.2	+05.5
05		255 28.6	N22 17.0	072.7	+14.6
06		270 28.5	N22 17.3	083.2	+24.4
07		285 28.4	N22 17.6	094.2	+34.3
08		300 28.3	N22 17.9	107.0	+44.2
09		315 28.2	N22 18.2	123.0	+53.2
10		330 28.1	N22 18.6	144.8	+60.5
11		345 28.0	N22 18.9	173.9	+64.0
12		0 27.9	N22 19.2	204.7	+62.4
13		15 27.8	N22 19.5	229.5	+56.3
14		30 27.7	N22 19.8	247.4	+47.8
15		45 27.6	N22 20.1	261.1	+38.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		60 27.5	N22 20.4	272.7	+28.3
17		75 27.4	N22 20.7	283.3	+18.4
18		90 27.3	N22 21.0	293.8	+09.0
19		105 27.2	N22 21.3	304.6	+00.6
20		120 27.1	N22 21.6	316.2	-07.5
21		135 27.0	N22 21.9	328.9	-13.5
22		150 26.9	N22 22.2	342.6	-17.7
23		165 26.8	N22 22.5	357.1	-19.4
00	2027-06-04	180 26.6	N22 22.8	011.8	-18.6
01		195 26.5	N22 23.1	025.9	-15.4
02		210 26.4	N22 23.4	039.0	-10.0
03		225 26.3	N22 23.7	051.0	-02.9
04		240 26.2	N22 24.0	062.1	+05.6
05		255 26.1	N22 24.3	072.6	+14.7
06		270 26.0	N22 24.6	083.1	+24.4
07		285 25.9	N22 24.9	094.1	+34.4
08		300 25.8	N22 25.2	106.8	+44.2
09		315 25.7	N22 25.4	122.8	+53.3
10		330 25.6	N22 25.7	144.6	+60.6
11		345 25.5	N22 26.0	173.8	+64.2
12		0 25.4	N22 26.3	204.7	+62.5
13		15 25.3	N22 26.6	229.5	+56.5
14		30 25.1	N22 26.9	247.5	+47.9
15		45 25.0	N22 27.2	261.2	+38.3
16		60 24.9	N22 27.5	272.8	+28.4
17		75 24.8	N22 27.8	283.4	+18.5
18		90 24.7	N22 28.0	293.8	+09.1
19		105 24.6	N22 28.3	304.6	+00.7
20		120 24.5	N22 28.6	316.2	-07.3
21		135 24.4	N22 28.9	328.9	-13.4
22		150 24.3	N22 29.2	342.6	-17.5
23		165 24.2	N22 29.5	357.1	-19.3
00	2027-06-05	180 24.1	N22 29.7	011.7	-18.5
01		195 23.9	N22 30.0	025.8	-15.3
02		210 23.8	N22 30.3	038.9	-09.9
03		225 23.7	N22 30.6	050.9	-02.9
04		240 23.6	N22 30.9	062.0	+05.6
05		255 23.5	N22 31.1	072.5	+14.7
06		270 23.4	N22 31.4	082.9	+24.5
07		285 23.3	N22 31.7	094.0	+34.5
08		300 23.2	N22 32.0	106.6	+44.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		315 23.1	N22 32.3	122.6	+53.4
10		330 22.9	N22 32.5	144.4	+60.6
11		345 22.8	N22 32.8	173.6	+64.3
12		0 22.7	N22 33.1	204.7	+62.7
13		15 22.6	N22 33.3	229.6	+56.6
14		30 22.5	N22 33.6	247.5	+48.0
15		45 22.4	N22 33.9	261.3	+38.4
16		60 22.3	N22 34.2	272.8	+28.5
17		75 22.2	N22 34.4	283.4	+18.6
18		90 22.1	N22 34.7	293.8	+09.2
19		105 21.9	N22 35.0	304.6	+00.8
20		120 21.8	N22 35.2	316.2	-07.2
21		135 21.7	N22 35.5	328.9	-13.3
22		150 21.6	N22 35.8	342.6	-17.4
23		165 21.5	N22 36.0	357.1	-19.2
00	2027-06-06	180 21.4	N22 36.3	011.7	-18.4
01		195 21.3	N22 36.6	025.7	-15.2
02		210 21.1	N22 36.8	038.8	-09.9
03		225 21.0	N22 37.1	050.8	-02.8
04		240 20.9	N22 37.4	061.9	+05.7
05		255 20.8	N22 37.6	072.4	+14.8
06		270 20.7	N22 37.9	082.8	+24.5
07		285 20.6	N22 38.1	093.8	+34.5
08		300 20.5	N22 38.4	106.5	+44.3
09		315 20.3	N22 38.7	122.5	+53.4
10		330 20.2	N22 38.9	144.3	+60.7
11		345 20.1	N22 39.2	173.5	+64.4
12		0 20.0	N22 39.4	204.7	+62.8
13		15 19.9	N22 39.7	229.6	+56.7
14		30 19.8	N22 39.9	247.6	+48.1
15		45 19.7	N22 40.2	261.3	+38.5
16		60 19.5	N22 40.5	272.9	+28.6
17		75 19.4	N22 40.7	283.5	+18.7
18		90 19.3	N22 41.0	293.9	+09.3
19		105 19.2	N22 41.2	304.7	+00.9
20		120 19.1	N22 41.5	316.3	-07.1
21		135 19.0	N22 41.7	328.9	-13.2
22		150 18.8	N22 42.0	342.6	-17.3
23		165 18.7	N22 42.2	357.0	-19.1
00	2027-06-07	180 18.6	N22 42.5	011.6	-18.3
01		195 18.5	N22 42.7	025.7	-15.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		210 18.4	N22 43.0	038.7	-09.8
03		225 18.3	N22 43.2	050.7	-02.7
04		240 18.1	N22 43.5	061.8	+05.7
05		255 18.0	N22 43.7	072.3	+14.8
06		270 17.9	N22 43.9	082.7	+24.6
07		285 17.8	N22 44.2	093.7	+34.5
08		300 17.7	N22 44.4	106.4	+44.4
09		315 17.6	N22 44.7	122.3	+53.5
10		330 17.4	N22 44.9	144.1	+60.8
11		345 17.3	N22 45.2	173.4	+64.5
12		0 17.2	N22 45.4	204.7	+62.9
13		15 17.1	N22 45.6	229.7	+56.8
14		30 17.0	N22 45.9	247.7	+48.3
15		45 16.9	N22 46.1	261.4	+38.6
16		60 16.7	N22 46.4	272.9	+28.7
17		75 16.6	N22 46.6	283.5	+18.8
18		90 16.5	N22 46.8	293.9	+09.4
19		105 16.4	N22 47.1	304.7	+01.0
20		120 16.3	N22 47.3	316.3	-07.0
21		135 16.1	N22 47.5	328.9	-13.1
22		150 16.0	N22 47.8	342.6	-17.2
23		165 15.9	N22 48.0	357.0	-19.0
00	2027-06-08	180 15.8	N22 48.2	011.5	-18.2
01		195 15.7	N22 48.5	025.6	-15.0
02		210 15.6	N22 48.7	038.6	-09.7
03		225 15.4	N22 48.9	050.6	-02.7
04		240 15.3	N22 49.2	061.7	+05.8
05		255 15.2	N22 49.4	072.2	+14.9
06		270 15.1	N22 49.6	082.6	+24.6
07		285 15.0	N22 49.8	093.6	+34.6
08		300 14.8	N22 50.1	106.2	+44.4
09		315 14.7	N22 50.3	122.1	+53.5
10		330 14.6	N22 50.5	143.9	+60.9
11		345 14.5	N22 50.7	173.3	+64.6
12		0 14.4	N22 51.0	204.7	+63.0
13		15 14.2	N22 51.2	229.7	+56.9
14		30 14.1	N22 51.4	247.7	+48.3
15		45 14.0	N22 51.6	261.4	+38.7
16		60 13.9	N22 51.9	273.0	+28.8
17		75 13.7	N22 52.1	283.5	+18.9
18		90 13.6	N22 52.3	293.9	+09.5
19		105 13.5	N22 52.5	304.7	+01.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		120 13.4	N22 52.7	316.3	-06.9
21		135 13.3	N22 53.0	328.9	-13.0
22		150 13.1	N22 53.2	342.5	-17.1
23		165 13.0	N22 53.4	356.9	-18.9
00	2027-06-09	180 12.9	N22 53.6	011.5	-18.1
01		195 12.8	N22 53.8	025.5	-15.0
02		210 12.7	N22 54.0	038.6	-09.7
03		225 12.5	N22 54.2	050.5	-02.6
04		240 12.4	N22 54.5	061.6	+05.8
05		255 12.3	N22 54.7	072.1	+14.9
06		270 12.2	N22 54.9	082.5	+24.6
07		285 12.0	N22 55.1	093.5	+34.6
08		300 11.9	N22 55.3	106.1	+44.4
09		315 11.8	N22 55.5	122.0	+53.6
10		330 11.7	N22 55.7	143.8	+60.9
11		345 11.6	N22 55.9	173.2	+64.6
12		0 11.4	N22 56.1	204.6	+63.1
13		15 11.3	N22 56.3	229.7	+57.0
14		30 11.2	N22 56.5	247.7	+48.4
15		45 11.1	N22 56.7	261.5	+38.8
16		60 10.9	N22 57.0	273.0	+28.9
17		75 10.8	N22 57.2	283.6	+19.0
18		90 10.7	N22 57.4	294.0	+09.6
19		105 10.6	N22 57.6	304.7	+01.2
20		120 10.4	N22 57.8	316.3	-06.8
21		135 10.3	N22 58.0	328.9	-12.9
22		150 10.2	N22 58.2	342.5	-17.0
23		165 10.1	N22 58.4	356.9	-18.8
00	2027-06-10	180 09.9	N22 58.6	011.4	-18.1
01		195 09.8	N22 58.8	025.4	-14.9
02		210 09.7	N22 59.0	038.5	-09.6
03		225 09.6	N22 59.2	050.4	-02.6
04		240 09.4	N22 59.3	061.5	+05.8
05		255 09.3	N22 59.5	072.0	+14.9
06		270 09.2	N22 59.7	082.4	+24.6
07		285 09.1	N22 59.9	093.4	+34.6
08		300 09.0	N23 00.1	106.0	+44.5
09		315 08.8	N23 00.3	121.8	+53.6
10		330 08.7	N23 00.5	143.6	+61.0
11		345 08.6	N23 00.7	173.0	+64.7
12		0 08.5	N23 00.9	204.6	+63.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		15 08.3	N23 01.1	229.7	+57.1
14		30 08.2	N23 01.3	247.8	+48.5
15		45 08.1	N23 01.5	261.5	+38.9
16		60 08.0	N23 01.6	273.0	+28.9
17		75 07.8	N23 01.8	283.6	+19.1
18		90 07.7	N23 02.0	294.0	+09.7
19		105 07.6	N23 02.2	304.7	+01.2
20		120 07.4	N23 02.4	316.3	-06.7
21		135 07.3	N23 02.6	328.8	-12.8
22		150 07.2	N23 02.8	342.5	-16.9
23		165 07.1	N23 02.9	356.8	-18.7
00	2027-06-11	180 06.9	N23 03.1	011.4	-18.0
01		195 06.8	N23 03.3	025.4	-14.8
02		210 06.7	N23 03.5	038.4	-09.6
03		225 06.6	N23 03.7	050.4	-02.6
04		240 06.4	N23 03.8	061.4	+05.9
05		255 06.3	N23 04.0	071.9	+15.0
06		270 06.2	N23 04.2	082.3	+24.7
07		285 06.1	N23 04.4	093.3	+34.6
08		300 05.9	N23 04.5	105.9	+44.5
09		315 05.8	N23 04.7	121.7	+53.6
10		330 05.7	N23 04.9	143.5	+61.0
11		345 05.6	N23 05.1	172.9	+64.8
12		0 05.4	N23 05.2	204.5	+63.2
13		15 05.3	N23 05.4	229.7	+57.2
14		30 05.2	N23 05.6	247.8	+48.6
15		45 05.0	N23 05.8	261.5	+39.0
16		60 04.9	N23 05.9	273.1	+29.0
17		75 04.8	N23 06.1	283.6	+19.2
18		90 04.7	N23 06.3	294.0	+09.8
19		105 04.5	N23 06.4	304.7	+01.3
20		120 04.4	N23 06.6	316.3	-06.6
21		135 04.3	N23 06.8	328.8	-12.7
22		150 04.1	N23 06.9	342.4	-16.8
23		165 04.0	N23 07.1	356.8	-18.6
00	2027-06-12	180 03.9	N23 07.3	011.3	-17.9
01		195 03.8	N23 07.4	025.3	-14.8
02		210 03.6	N23 07.6	038.3	-09.5
03		225 03.5	N23 07.8	050.3	-02.5
04		240 03.4	N23 07.9	061.3	+05.9
05		255 03.3	N23 08.1	071.8	+15.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		270 03.1	N23 08.2	082.2	+24.7
07		285 03.0	N23 08.4	093.2	+34.6
08		300 02.9	N23 08.6	105.7	+44.5
09		315 02.7	N23 08.7	121.6	+53.7
10		330 02.6	N23 08.9	143.3	+61.1
11		345 02.5	N23 09.0	172.8	+64.8
12		0 02.4	N23 09.2	204.5	+63.3
13		15 02.2	N23 09.3	229.7	+57.2
14		30 02.1	N23 09.5	247.8	+48.7
15		45 02.0	N23 09.6	261.5	+39.1
16		60 01.8	N23 09.8	273.1	+29.1
17		75 01.7	N23 10.0	283.6	+19.2
18		90 01.6	N23 10.1	294.0	+09.8
19		105 01.4	N23 10.3	304.7	+01.4
20		120 01.3	N23 10.4	316.3	-06.6
21		135 01.2	N23 10.6	328.8	-12.6
22		150 01.1	N23 10.7	342.4	-16.8
23		165 00.9	N23 10.9	356.8	-18.6
00	2027-06-13	180 00.8	N23 11.0	011.2	-17.9
01		195 00.7	N23 11.2	025.2	-14.7
02		210 00.5	N23 11.3	038.3	-09.5
03		225 00.4	N23 11.4	050.2	-02.5
04		240 00.3	N23 11.6	061.3	+05.9
05		255 00.2	N23 11.7	071.7	+15.0
06		270 00.0	N23 11.9	082.1	+24.7
07		284 59.9	N23 12.0	093.1	+34.7
08		299 59.8	N23 12.2	105.6	+44.5
09		314 59.6	N23 12.3	121.4	+53.7
10		329 59.5	N23 12.4	143.2	+61.1
11		344 59.4	N23 12.6	172.7	+64.9
12		359 59.2	N23 12.7	204.4	+63.4
13		14 59.1	N23 12.9	229.7	+57.3
14		29 59.0	N23 13.0	247.8	+48.8
15		44 58.8	N23 13.1	261.6	+39.1
16		59 58.7	N23 13.3	273.1	+29.2
17		74 58.6	N23 13.4	283.6	+19.3
18		89 58.5	N23 13.5	294.0	+09.9
19		104 58.3	N23 13.7	304.7	+01.5
20		119 58.2	N23 13.8	316.2	-06.5
21		134 58.1	N23 13.9	328.8	-12.6
22		149 57.9	N23 14.1	342.4	-16.7

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		164 57.8	N23 14.2	356.7	-18.5
00	2027-06-14	179 57.7	N23 14.3	011.2	-17.8
01		194 57.5	N23 14.5	025.2	-14.7
02		209 57.4	N23 14.6	038.2	-09.5
03		224 57.3	N23 14.7	050.1	-02.5
04		239 57.1	N23 14.9	061.2	+05.9
05		254 57.0	N23 15.0	071.7	+15.0
06		269 56.9	N23 15.1	082.0	+24.7
07		284 56.8	N23 15.2	093.0	+34.7
08		299 56.6	N23 15.4	105.5	+44.5
09		314 56.5	N23 15.5	121.3	+53.7
10		329 56.4	N23 15.6	143.1	+61.1
11		344 56.2	N23 15.7	172.5	+64.9
12		359 56.1	N23 15.8	204.3	+63.5
13		14 56.0	N23 16.0	229.7	+57.4
14		29 55.8	N23 16.1	247.8	+48.8
15		44 55.7	N23 16.2	261.6	+39.2
16		59 55.6	N23 16.3	273.1	+29.2
17		74 55.4	N23 16.4	283.6	+19.4
18		89 55.3	N23 16.6	294.0	+10.0
19		104 55.2	N23 16.7	304.7	+01.5
20		119 55.0	N23 16.8	316.2	-06.4
21		134 54.9	N23 16.9	328.8	-12.5
22		149 54.8	N23 17.0	342.3	-16.7
23		164 54.6	N23 17.1	356.7	-18.5
00	2027-06-15	179 54.5	N23 17.3	011.1	-17.8
01		194 54.4	N23 17.4	025.1	-14.7
02		209 54.2	N23 17.5	038.1	-09.4
03		224 54.1	N23 17.6	050.1	-02.5
04		239 54.0	N23 17.7	061.1	+05.9
05		254 53.8	N23 17.8	071.6	+15.0
06		269 53.7	N23 17.9	082.0	+24.7
07		284 53.6	N23 18.0	092.9	+34.7
08		299 53.4	N23 18.1	105.4	+44.5
09		314 53.3	N23 18.2	121.2	+53.7
10		329 53.2	N23 18.4	142.9	+61.1
11		344 53.1	N23 18.5	172.4	+65.0
12		359 52.9	N23 18.6	204.3	+63.5
13		14 52.8	N23 18.7	229.6	+57.5
14		29 52.7	N23 18.8	247.8	+48.9
15		44 52.5	N23 18.9	261.6	+39.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		59 52.4	N23 19.0	273.1	+29.3
17		74 52.3	N23 19.1	283.6	+19.5
18		89 52.1	N23 19.2	294.0	+10.0
19		104 52.0	N23 19.3	304.7	+01.6
20		119 51.9	N23 19.4	316.2	-06.4
21		134 51.7	N23 19.5	328.7	-12.5
22		149 51.6	N23 19.6	342.3	-16.6
23		164 51.5	N23 19.7	356.6	-18.4
00	2027-06-16	179 51.3	N23 19.8	011.1	-17.8
01		194 51.2	N23 19.9	025.0	-14.7
02		209 51.1	N23 20.0	038.1	-09.4
03		224 50.9	N23 20.1	050.0	-02.5
04		239 50.8	N23 20.2	061.1	+05.9
05		254 50.7	N23 20.2	071.5	+15.0
06		269 50.5	N23 20.3	081.9	+24.7
07		284 50.4	N23 20.4	092.8	+34.6
08		299 50.3	N23 20.5	105.4	+44.5
09		314 50.1	N23 20.6	121.1	+53.7
10		329 50.0	N23 20.7	142.8	+61.2
11		344 49.9	N23 20.8	172.3	+65.0
12		359 49.7	N23 20.9	204.2	+63.6
13		14 49.6	N23 21.0	229.6	+57.5
14		29 49.5	N23 21.0	247.8	+49.0
15		44 49.3	N23 21.1	261.5	+39.3
16		59 49.2	N23 21.2	273.1	+29.4
17		74 49.0	N23 21.3	283.6	+19.5
18		89 48.9	N23 21.4	294.0	+10.1
19		104 48.8	N23 21.5	304.7	+01.6
20		119 48.6	N23 21.6	316.2	-06.3
21		134 48.5	N23 21.6	328.7	-12.4
22		149 48.4	N23 21.7	342.3	-16.6
23		164 48.2	N23 21.8	356.6	-18.4
00	2027-06-17	179 48.1	N23 21.9	011.0	-17.7
01		194 48.0	N23 22.0	025.0	-14.6
02		209 47.8	N23 22.0	038.0	-09.4
03		224 47.7	N23 22.1	050.0	-02.5
04		239 47.6	N23 22.2	061.0	+05.9
05		254 47.4	N23 22.3	071.5	+15.0
06		269 47.3	N23 22.3	081.8	+24.7
07		284 47.2	N23 22.4	092.8	+34.6
08		299 47.0	N23 22.5	105.3	+44.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		314 46.9	N23 22.6	121.0	+53.7
10		329 46.8	N23 22.6	142.7	+61.2
11		344 46.6	N23 22.7	172.2	+65.0
12		359 46.5	N23 22.8	204.1	+63.6
13		14 46.4	N23 22.8	229.6	+57.6
14		29 46.2	N23 22.9	247.8	+49.0
15		44 46.1	N23 23.0	261.5	+39.4
16		59 46.0	N23 23.0	273.1	+29.4
17		74 45.8	N23 23.1	283.6	+19.6
18		89 45.7	N23 23.2	294.0	+10.2
19		104 45.6	N23 23.2	304.7	+01.7
20		119 45.4	N23 23.3	316.2	-06.3
21		134 45.3	N23 23.4	328.7	-12.4
22		149 45.2	N23 23.4	342.2	-16.5
23		164 45.0	N23 23.5	356.5	-18.4
00	2027-06-18	179 44.9	N23 23.6	011.0	-17.7
01		194 44.7	N23 23.6	024.9	-14.6
02		209 44.6	N23 23.7	037.9	-09.4
03		224 44.5	N23 23.7	049.9	-02.5
04		239 44.3	N23 23.8	060.9	+05.9
05		254 44.2	N23 23.9	071.4	+15.0
06		269 44.1	N23 23.9	081.8	+24.7
07		284 43.9	N23 24.0	092.7	+34.6
08		299 43.8	N23 24.0	105.2	+44.5
09		314 43.7	N23 24.1	120.9	+53.7
10		329 43.5	N23 24.1	142.6	+61.2
11		344 43.4	N23 24.2	172.1	+65.1
12		359 43.3	N23 24.3	204.0	+63.6
13		14 43.1	N23 24.3	229.5	+57.6
14		29 43.0	N23 24.4	247.7	+49.1
15		44 42.9	N23 24.4	261.5	+39.4
16		59 42.7	N23 24.5	273.0	+29.5
17		74 42.6	N23 24.5	283.6	+19.6
18		89 42.5	N23 24.6	293.9	+10.2
19		104 42.3	N23 24.6	304.6	+01.7
20		119 42.2	N23 24.7	316.1	-06.2
21		134 42.0	N23 24.7	328.6	-12.3
22		149 41.9	N23 24.8	342.2	-16.5
23		164 41.8	N23 24.8	356.5	-18.3
00	2027-06-19	179 41.6	N23 24.8	010.9	-17.7
01		194 41.5	N23 24.9	024.9	-14.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		209 41.4	N23 24.9	037.9	-09.4
03		224 41.2	N23 25.0	049.8	-02.5
04		239 41.1	N23 25.0	060.9	+05.9
05		254 41.0	N23 25.1	071.4	+14.9
06		269 40.8	N23 25.1	081.7	+24.6
07		284 40.7	N23 25.1	092.6	+34.6
08		299 40.6	N23 25.2	105.1	+44.5
09		314 40.4	N23 25.2	120.8	+53.7
10		329 40.3	N23 25.3	142.5	+61.2
11		344 40.2	N23 25.3	171.9	+65.1
12		359 40.0	N23 25.3	203.9	+63.7
13		14 39.9	N23 25.4	229.4	+57.7
14		29 39.7	N23 25.4	247.7	+49.1
15		44 39.6	N23 25.4	261.5	+39.5
16		59 39.5	N23 25.5	273.0	+29.5
17		74 39.3	N23 25.5	283.6	+19.7
18		89 39.2	N23 25.5	293.9	+10.2
19		104 39.1	N23 25.6	304.6	+01.8
20		119 38.9	N23 25.6	316.1	-06.2
21		134 38.8	N23 25.6	328.6	-12.3
22		149 38.7	N23 25.7	342.1	-16.5
23		164 38.5	N23 25.7	356.4	-18.3
00	2027-06-20	179 38.4	N23 25.7	010.9	-17.7
01		194 38.3	N23 25.7	024.8	-14.6
02		209 38.1	N23 25.8	037.8	-09.4
03		224 38.0	N23 25.8	049.8	-02.5
04		239 37.9	N23 25.8	060.8	+05.9
05		254 37.7	N23 25.8	071.3	+14.9
06		269 37.6	N23 25.9	081.7	+24.6
07		284 37.4	N23 25.9	092.6	+34.6
08		299 37.3	N23 25.9	105.1	+44.4
09		314 37.2	N23 25.9	120.8	+53.6
10		329 37.0	N23 25.9	142.4	+61.1
11		344 36.9	N23 26.0	171.8	+65.1
12		359 36.8	N23 26.0	203.8	+63.7
13		14 36.6	N23 26.0	229.4	+57.7
14		29 36.5	N23 26.0	247.6	+49.2
15		44 36.4	N23 26.0	261.4	+39.5
16		59 36.2	N23 26.1	273.0	+29.6
17		74 36.1	N23 26.1	283.5	+19.7
18		89 36.0	N23 26.1	293.9	+10.3
19		104 35.8	N23 26.1	304.6	+01.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		119 35.7	N23 26.1	316.1	-06.1
21		134 35.6	N23 26.1	328.5	-12.3
22		149 35.4	N23 26.1	342.1	-16.4
23		164 35.3	N23 26.1	356.4	-18.3
00	2027-06-21	179 35.1	N23 26.2	010.8	-17.7
01		194 35.0	N23 26.2	024.8	-14.6
02		209 34.9	N23 26.2	037.8	-09.4
03		224 34.7	N23 26.2	049.8	-02.5
04		239 34.6	N23 26.2	060.8	+05.8
05		254 34.5	N23 26.2	071.3	+14.9
06		269 34.3	N23 26.2	081.6	+24.6
07		284 34.2	N23 26.2	092.6	+34.5
08		299 34.1	N23 26.2	105.0	+44.4
09		314 33.9	N23 26.2	120.7	+53.6
10		329 33.8	N23 26.2	142.3	+61.1
11		344 33.7	N23 26.2	171.7	+65.1
12		359 33.5	N23 26.2	203.7	+63.7
13		14 33.4	N23 26.2	229.3	+57.7
14		29 33.3	N23 26.2	247.6	+49.2
15		44 33.1	N23 26.2	261.4	+39.6
16		59 33.0	N23 26.2	272.9	+29.6
17		74 32.8	N23 26.2	283.5	+19.7
18		89 32.7	N23 26.2	293.8	+10.3
19		104 32.6	N23 26.2	304.5	+01.8
20		119 32.4	N23 26.2	316.0	-06.1
21		134 32.3	N23 26.2	328.5	-12.2
22		149 32.2	N23 26.2	342.0	-16.4
23		164 32.0	N23 26.2	356.3	-18.3
00	2027-06-22	179 31.9	N23 26.2	010.7	-17.7
01		194 31.8	N23 26.2	024.7	-14.6
02		209 31.6	N23 26.2	037.7	-09.5
03		224 31.5	N23 26.2	049.7	-02.5
04		239 31.4	N23 26.2	060.8	+05.8
05		254 31.2	N23 26.2	071.2	+14.9
06		269 31.1	N23 26.1	081.6	+24.5
07		284 31.0	N23 26.1	092.5	+34.5
08		299 30.8	N23 26.1	105.0	+44.4
09		314 30.7	N23 26.1	120.6	+53.6
10		329 30.6	N23 26.1	142.2	+61.1
11		344 30.4	N23 26.1	171.6	+65.1
12		359 30.3	N23 26.1	203.6	+63.7

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		14 30.1	N23 26.0	229.2	+57.8
14		29 30.0	N23 26.0	247.5	+49.2
15		44 29.9	N23 26.0	261.4	+39.6
16		59 29.7	N23 26.0	272.9	+29.6
17		74 29.6	N23 26.0	283.5	+19.8
18		89 29.5	N23 26.0	293.8	+10.4
19		104 29.3	N23 25.9	304.5	+01.9
20		119 29.2	N23 25.9	316.0	-06.1
21		134 29.1	N23 25.9	328.4	-12.2
22		149 28.9	N23 25.9	342.0	-16.4
23		164 28.8	N23 25.9	356.2	-18.3
00	2027-06-23	179 28.7	N23 25.8	010.7	-17.7
01		194 28.5	N23 25.8	024.7	-14.7
02		209 28.4	N23 25.8	037.7	-09.5
03		224 28.3	N23 25.8	049.7	-02.6
04		239 28.1	N23 25.7	060.7	+05.8
05		254 28.0	N23 25.7	071.2	+14.8
06		269 27.9	N23 25.7	081.6	+24.5
07		284 27.7	N23 25.6	092.5	+34.5
08		299 27.6	N23 25.6	104.9	+44.3
09		314 27.5	N23 25.6	120.6	+53.5
10		329 27.3	N23 25.5	142.1	+61.1
11		344 27.2	N23 25.5	171.5	+65.1
12		359 27.0	N23 25.5	203.5	+63.7
13		14 26.9	N23 25.5	229.1	+57.8
14		29 26.8	N23 25.4	247.5	+49.3
15		44 26.6	N23 25.4	261.3	+39.6
16		59 26.5	N23 25.3	272.9	+29.7
17		74 26.4	N23 25.3	283.4	+19.8
18		89 26.2	N23 25.3	293.8	+10.4
19		104 26.1	N23 25.2	304.5	+01.9
20		119 26.0	N23 25.2	315.9	-06.1
21		134 25.8	N23 25.2	328.4	-12.2
22		149 25.7	N23 25.1	341.9	-16.4
23		164 25.6	N23 25.1	356.2	-18.3
00	2027-06-24	179 25.4	N23 25.0	010.6	-17.7
01		194 25.3	N23 25.0	024.6	-14.7
02		209 25.2	N23 25.0	037.7	-09.5
03		224 25.0	N23 24.9	049.6	-02.6
04		239 24.9	N23 24.9	060.7	+05.7
05		254 24.8	N23 24.8	071.2	+14.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		269 24.6	N23 24.8	081.5	+24.4
07		284 24.5	N23 24.7	092.4	+34.4
08		299 24.4	N23 24.7	104.9	+44.3
09		314 24.2	N23 24.6	120.5	+53.5
10		329 24.1	N23 24.6	142.0	+61.0
11		344 24.0	N23 24.5	171.4	+65.0
12		359 23.8	N23 24.5	203.4	+63.7
13		14 23.7	N23 24.4	229.0	+57.8
14		29 23.6	N23 24.4	247.4	+49.3
15		44 23.4	N23 24.3	261.2	+39.7
16		59 23.3	N23 24.3	272.8	+29.7
17		74 23.2	N23 24.2	283.4	+19.8
18		89 23.0	N23 24.2	293.7	+10.4
19		104 22.9	N23 24.1	304.4	+01.9
20		119 22.8	N23 24.1	315.9	-06.1
21		134 22.6	N23 24.0	328.3	-12.2
22		149 22.5	N23 24.0	341.9	-16.4
23		164 22.4	N23 23.9	356.1	-18.3
00	2027-06-25	179 22.2	N23 23.8	010.6	-17.8
01		194 22.1	N23 23.8	024.6	-14.7
02		209 22.0	N23 23.7	037.6	-09.6
03		224 21.8	N23 23.7	049.6	-02.7
04		239 21.7	N23 23.6	060.7	+05.7
05		254 21.6	N23 23.5	071.2	+14.7
06		269 21.4	N23 23.5	081.5	+24.4
07		284 21.3	N23 23.4	092.4	+34.4
08		299 21.2	N23 23.4	104.9	+44.2
09		314 21.0	N23 23.3	120.5	+53.4
10		329 20.9	N23 23.2	141.9	+61.0
11		344 20.8	N23 23.2	171.2	+65.0
12		359 20.6	N23 23.1	203.3	+63.7
13		14 20.5	N23 23.0	228.9	+57.8
14		29 20.4	N23 23.0	247.3	+49.3
15		44 20.2	N23 22.9	261.2	+39.7
16		59 20.1	N23 22.8	272.7	+29.7
17		74 20.0	N23 22.7	283.3	+19.8
18		89 19.8	N23 22.7	293.7	+10.4
19		104 19.7	N23 22.6	304.4	+01.9
20		119 19.6	N23 22.5	315.8	-06.1
21		134 19.4	N23 22.5	328.3	-12.2
22		149 19.3	N23 22.4	341.8	-16.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		164 19.2	N23 22.3	356.1	-18.4
00	2027-06-26	179 19.0	N23 22.2	010.6	-17.8
01		194 18.9	N23 22.2	024.5	-14.8
02		209 18.8	N23 22.1	037.6	-09.6
03		224 18.7	N23 22.0	049.6	-02.7
04		239 18.5	N23 21.9	060.7	+05.6
05		254 18.4	N23 21.8	071.1	+14.7
06		269 18.3	N23 21.8	081.5	+24.3
07		284 18.1	N23 21.7	092.4	+34.3
08		299 18.0	N23 21.6	104.8	+44.2
09		314 17.9	N23 21.5	120.4	+53.4
10		329 17.7	N23 21.4	141.9	+60.9
11		344 17.6	N23 21.4	171.1	+65.0
12		359 17.5	N23 21.3	203.1	+63.7
13		14 17.3	N23 21.2	228.8	+57.8
14		29 17.2	N23 21.1	247.2	+49.3
15		44 17.1	N23 21.0	261.1	+39.7
16		59 16.9	N23 20.9	272.7	+29.7
17		74 16.8	N23 20.8	283.2	+19.9
18		89 16.7	N23 20.8	293.6	+10.4
19		104 16.6	N23 20.7	304.3	+01.9
20		119 16.4	N23 20.6	315.7	-06.1
21		134 16.3	N23 20.5	328.2	-12.2
22		149 16.2	N23 20.4	341.7	-16.5
23		164 16.0	N23 20.3	356.0	-18.4
00	2027-06-27	179 15.9	N23 20.2	010.5	-17.8
01		194 15.8	N23 20.1	024.5	-14.8
02		209 15.6	N23 20.0	037.6	-09.7
03		224 15.5	N23 19.9	049.6	-02.8
04		239 15.4	N23 19.8	060.6	+05.6
05		254 15.2	N23 19.7	071.1	+14.6
06		269 15.1	N23 19.6	081.5	+24.3
07		284 15.0	N23 19.5	092.4	+34.2
08		299 14.9	N23 19.4	104.8	+44.1
09		314 14.7	N23 19.3	120.4	+53.3
10		329 14.6	N23 19.2	141.8	+60.9
11		344 14.5	N23 19.1	171.0	+64.9
12		359 14.3	N23 19.0	203.0	+63.7
13		14 14.2	N23 18.9	228.7	+57.8
14		29 14.1	N23 18.8	247.1	+49.3
15		44 13.9	N23 18.7	261.0	+39.7

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		59 13.8	N23 18.6	272.6	+29.7
17		74 13.7	N23 18.5	283.2	+19.9
18		89 13.6	N23 18.4	293.5	+10.4
19		104 13.4	N23 18.3	304.2	+01.9
20		119 13.3	N23 18.2	315.7	-06.1
21		134 13.2	N23 18.1	328.2	-12.2
22		149 13.0	N23 18.0	341.7	-16.5
23		164 12.9	N23 17.9	356.0	-18.4
00	2027-06-28	179 12.8	N23 17.8	010.5	-17.9
01		194 12.6	N23 17.7	024.5	-14.9
02		209 12.5	N23 17.6	037.5	-09.7
03		224 12.4	N23 17.4	049.6	-02.8
04		239 12.3	N23 17.3	060.6	+05.5
05		254 12.1	N23 17.2	071.1	+14.5
06		269 12.0	N23 17.1	081.5	+24.2
07		284 11.9	N23 17.0	092.4	+34.2
08		299 11.7	N23 16.9	104.8	+44.0
09		314 11.6	N23 16.8	120.4	+53.3
10		329 11.5	N23 16.6	141.8	+60.8
11		344 11.4	N23 16.5	170.9	+64.9
12		359 11.2	N23 16.4	202.9	+63.7
13		14 11.1	N23 16.3	228.6	+57.8
14		29 11.0	N23 16.2	247.0	+49.3
15		44 10.9	N23 16.0	260.9	+39.7
16		59 10.7	N23 15.9	272.5	+29.7
17		74 10.6	N23 15.8	283.1	+19.9
18		89 10.5	N23 15.7	293.5	+10.4
19		104 10.3	N23 15.6	304.2	+01.9
20		119 10.2	N23 15.4	315.6	-06.1
21		134 10.1	N23 15.3	328.1	-12.3
22		149 10.0	N23 15.2	341.6	-16.5
23		164 09.8	N23 15.1	355.9	-18.5
00	2027-06-29	179 09.7	N23 14.9	010.4	-17.9
01		194 09.6	N23 14.8	024.4	-14.9
02		209 09.4	N23 14.7	037.5	-09.8
03		224 09.3	N23 14.5	049.5	-02.9
04		239 09.2	N23 14.4	060.6	+05.5
05		254 09.1	N23 14.3	071.1	+14.5
06		269 08.9	N23 14.2	081.5	+24.2
07		284 08.8	N23 14.0	092.4	+34.1
08		299 08.7	N23 13.9	104.8	+44.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		314 08.6	N23 13.8	120.4	+53.2
10		329 08.4	N23 13.6	141.7	+60.8
11		344 08.3	N23 13.5	170.8	+64.8
12		359 08.2	N23 13.4	202.7	+63.6
13		14 08.1	N23 13.2	228.5	+57.8
14		29 07.9	N23 13.1	246.9	+49.3
15		44 07.8	N23 12.9	260.8	+39.7
16		59 07.7	N23 12.8	272.5	+29.7
17		74 07.5	N23 12.7	283.0	+19.9
18		89 07.4	N23 12.5	293.4	+10.4
19		104 07.3	N23 12.4	304.1	+01.9
20		119 07.2	N23 12.3	315.6	-06.1
21		134 07.0	N23 12.1	328.0	-12.3
22		149 06.9	N23 12.0	341.6	-16.6
23		164 06.8	N23 11.8	355.9	-18.5
00	2027-06-30	179 06.7	N23 11.7	010.4	-18.0
01		194 06.5	N23 11.5	024.4	-15.0
02		209 06.4	N23 11.4	037.5	-09.8
03		224 06.3	N23 11.2	049.5	-03.0
04		239 06.2	N23 11.1	060.6	+05.4
05		254 06.0	N23 11.0	071.1	+14.4
06		269 05.9	N23 10.8	081.5	+24.1
07		284 05.8	N23 10.7	092.4	+34.0
08		299 05.7	N23 10.5	104.8	+43.9
09		314 05.5	N23 10.4	120.4	+53.1
10		329 05.4	N23 10.2	141.7	+60.7
11		344 05.3	N23 10.1	170.7	+64.8
12		359 05.2	N23 09.9	202.6	+63.6
13		14 05.0	N23 09.7	228.3	+57.7
14		29 04.9	N23 09.6	246.8	+49.3
15		44 04.8	N23 09.4	260.8	+39.7
16		59 04.7	N23 09.3	272.4	+29.7
17		74 04.6	N23 09.1	283.0	+19.8
18		89 04.4	N23 09.0	293.3	+10.4
19		104 04.3	N23 08.8	304.0	+01.9
20		119 04.2	N23 08.7	315.5	-06.1
21		134 04.1	N23 08.5	328.0	-12.3
22		149 03.9	N23 08.3	341.5	-16.6
23		164 03.8	N23 08.2	355.8	-18.6
00	2027-07-01	179 03.7	N23 08.0	010.3	-18.1
01		194 03.6	N23 07.9	024.4	-15.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		209 03.4	N23 07.7	037.5	-09.9
03		224 03.3	N23 07.5	049.5	-03.0
04		239 03.2	N23 07.4	060.6	+05.3
05		254 03.1	N23 07.2	071.1	+14.3
06		269 03.0	N23 07.0	081.5	+24.0
07		284 02.8	N23 06.9	092.4	+34.0
08		299 02.7	N23 06.7	104.9	+43.8
09		314 02.6	N23 06.5	120.4	+53.0
10		329 02.5	N23 06.4	141.7	+60.6
11		344 02.3	N23 06.2	170.7	+64.7
12		359 02.2	N23 06.0	202.5	+63.5
13		14 02.1	N23 05.9	228.2	+57.7
14		29 02.0	N23 05.7	246.7	+49.3
15		44 01.9	N23 05.5	260.7	+39.7
16		59 01.7	N23 05.4	272.3	+29.7
17		74 01.6	N23 05.2	282.9	+19.8
18		89 01.5	N23 05.0	293.2	+10.4
19		104 01.4	N23 04.8	303.9	+01.8
20		119 01.3	N23 04.7	315.4	-06.2
21		134 01.1	N23 04.5	327.9	-12.4
22		149 01.0	N23 04.3	341.4	-16.7
23		164 00.9	N23 04.1	355.8	-18.7
00	2027-07-02	179 00.8	N23 04.0	010.3	-18.1
01		194 00.7	N23 03.8	024.4	-15.1
02		209 00.5	N23 03.6	037.5	-10.0
03		224 00.4	N23 03.4	049.5	-03.1
04		239 00.3	N23 03.2	060.6	+05.2
05		254 00.2	N23 03.1	071.1	+14.2
06		269 00.0	N23 02.9	081.5	+23.9
07		283 59.9	N23 02.7	092.5	+33.9
08		298 59.8	N23 02.5	104.9	+43.7
09		313 59.7	N23 02.3	120.4	+53.0
10		328 59.6	N23 02.1	141.7	+60.5
11		343 59.5	N23 02.0	170.6	+64.6
12		358 59.3	N23 01.8	202.3	+63.5
13		13 59.2	N23 01.6	228.1	+57.7
14		28 59.1	N23 01.4	246.6	+49.2
15		43 59.0	N23 01.2	260.5	+39.7
16		58 58.9	N23 01.0	272.2	+29.7
17		73 58.7	N23 00.8	282.8	+19.8
18		88 58.6	N23 00.6	293.2	+10.4
19		103 58.5	N23 00.5	303.9	+01.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		118 58.4	N23 00.3	315.3	-06.2
21		133 58.3	N23 00.1	327.8	-12.4
22		148 58.1	N22 59.9	341.4	-16.7
23		163 58.0	N22 59.7	355.7	-18.7
00	2027-07-03	178 57.9	N22 59.5	010.3	-18.2
01		193 57.8	N22 59.3	024.3	-15.2
02		208 57.7	N22 59.1	037.5	-10.1
03		223 57.6	N22 58.9	049.5	-03.2
04		238 57.4	N22 58.7	060.6	+05.1
05		253 57.3	N22 58.5	071.2	+14.2
06		268 57.2	N22 58.3	081.6	+23.8
07		283 57.1	N22 58.1	092.5	+33.8
08		298 57.0	N22 57.9	104.9	+43.7
09		313 56.9	N22 57.7	120.4	+52.9
10		328 56.7	N22 57.5	141.7	+60.4
11		343 56.6	N22 57.3	170.5	+64.5
12		358 56.5	N22 57.1	202.2	+63.4
13		13 56.4	N22 56.9	227.9	+57.6
14		28 56.3	N22 56.7	246.4	+49.2
15		43 56.2	N22 56.5	260.4	+39.6
16		58 56.0	N22 56.3	272.1	+29.7
17		73 55.9	N22 56.1	282.7	+19.8
18		88 55.8	N22 55.9	293.1	+10.3
19		103 55.7	N22 55.7	303.8	+01.8
20		118 55.6	N22 55.5	315.3	-06.3
21		133 55.5	N22 55.2	327.8	-12.5
22		148 55.4	N22 55.0	341.3	-16.8
23		163 55.2	N22 54.8	355.7	-18.8
00	2027-07-04	178 55.1	N22 54.6	010.2	-18.3
01		193 55.0	N22 54.4	024.3	-15.3
02		208 54.9	N22 54.2	037.5	-10.2
03		223 54.8	N22 54.0	049.5	-03.3
04		238 54.7	N22 53.8	060.7	+05.1
05		253 54.6	N22 53.6	071.2	+14.1
06		268 54.4	N22 53.3	081.6	+23.8
07		283 54.3	N22 53.1	092.5	+33.7
08		298 54.2	N22 52.9	104.9	+43.6
09		313 54.1	N22 52.7	120.5	+52.8
10		328 54.0	N22 52.5	141.7	+60.3
11		343 53.9	N22 52.3	170.4	+64.5
12		358 53.8	N22 52.0	202.0	+63.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		13 53.7	N22 51.8	227.8	+57.6
14		28 53.5	N22 51.6	246.3	+49.2
15		43 53.4	N22 51.4	260.3	+39.6
16		58 53.3	N22 51.1	272.0	+29.6
17		73 53.2	N22 50.9	282.6	+19.8
18		88 53.1	N22 50.7	293.0	+10.3
19		103 53.0	N22 50.5	303.7	+01.7
20		118 52.9	N22 50.3	315.2	-06.3
21		133 52.8	N22 50.0	327.7	-12.6
22		148 52.6	N22 49.8	341.3	-16.9
23		163 52.5	N22 49.6	355.6	-18.9
00	2027-07-05	178 52.4	N22 49.3	010.2	-18.4
01		193 52.3	N22 49.1	024.3	-15.4
02		208 52.2	N22 48.9	037.5	-10.3
03		223 52.1	N22 48.7	049.6	-03.4
04		238 52.0	N22 48.4	060.7	+05.0
05		253 51.9	N22 48.2	071.2	+14.0
06		268 51.8	N22 48.0	081.6	+23.7
07		283 51.6	N22 47.7	092.6	+33.6
08		298 51.5	N22 47.5	105.0	+43.5
09		313 51.4	N22 47.3	120.5	+52.7
10		328 51.3	N22 47.0	141.7	+60.2
11		343 51.2	N22 46.8	170.4	+64.4
12		358 51.1	N22 46.6	201.9	+63.3
13		13 51.0	N22 46.3	227.6	+57.5
14		28 50.9	N22 46.1	246.2	+49.1
15		43 50.8	N22 45.9	260.2	+39.6
16		58 50.7	N22 45.6	271.9	+29.6
17		73 50.6	N22 45.4	282.5	+19.7
18		88 50.4	N22 45.1	292.9	+10.2
19		103 50.3	N22 44.9	303.6	+01.7
20		118 50.2	N22 44.7	315.1	-06.4
21		133 50.1	N22 44.4	327.6	-12.6
22		148 50.0	N22 44.2	341.2	-17.0
23		163 49.9	N22 43.9	355.6	-19.0
00	2027-07-06	178 49.8	N22 43.7	010.2	-18.5
01		193 49.7	N22 43.4	024.3	-15.5
02		208 49.6	N22 43.2	037.5	-10.4
03		223 49.5	N22 42.9	049.6	-03.5
04		238 49.4	N22 42.7	060.7	+04.9
05		253 49.3	N22 42.4	071.3	+13.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		268 49.2	N22 42.2	081.7	+23.6
07		283 49.1	N22 42.0	092.6	+33.5
08		298 48.9	N22 41.7	105.0	+43.4
09		313 48.8	N22 41.5	120.6	+52.6
10		328 48.7	N22 41.2	141.7	+60.1
11		343 48.6	N22 41.0	170.3	+64.3
12		358 48.5	N22 40.7	201.8	+63.2
13		13 48.4	N22 40.4	227.5	+57.5
14		28 48.3	N22 40.2	246.0	+49.1
15		43 48.2	N22 39.9	260.1	+39.5
16		58 48.1	N22 39.7	271.8	+29.6
17		73 48.0	N22 39.4	282.4	+19.7
18		88 47.9	N22 39.2	292.8	+10.2
19		103 47.8	N22 38.9	303.5	+01.6
20		118 47.7	N22 38.7	315.0	-06.4
21		133 47.6	N22 38.4	327.5	-12.7
22		148 47.5	N22 38.1	341.1	-17.0
23		163 47.4	N22 37.9	355.5	-19.1
00	2027-07-07	178 47.3	N22 37.6	010.1	-18.6
01		193 47.2	N22 37.4	024.3	-15.6
02		208 47.1	N22 37.1	037.5	-10.5
03		223 47.0	N22 36.8	049.6	-03.6
04		238 46.9	N22 36.6	060.8	+04.8
05		253 46.8	N22 36.3	071.3	+13.8
06		268 46.6	N22 36.0	081.7	+23.5
07		283 46.5	N22 35.8	092.7	+33.4
08		298 46.4	N22 35.5	105.1	+43.3
09		313 46.3	N22 35.2	120.6	+52.5
10		328 46.2	N22 35.0	141.7	+60.0
11		343 46.1	N22 34.7	170.2	+64.2
12		358 46.0	N22 34.4	201.6	+63.1
13		13 45.9	N22 34.2	227.3	+57.4
14		28 45.8	N22 33.9	245.9	+49.0
15		43 45.7	N22 33.6	259.9	+39.5
16		58 45.6	N22 33.4	271.6	+29.5
17		73 45.5	N22 33.1	282.3	+19.6
18		88 45.4	N22 32.8	292.7	+10.1
19		103 45.3	N22 32.5	303.4	+01.6
20		118 45.2	N22 32.3	314.9	-06.5
21		133 45.1	N22 32.0	327.5	-12.8
22		148 45.0	N22 31.7	341.1	-17.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		163 44.9	N22 31.4	355.5	-19.2
00	2027-07-08	178 44.8	N22 31.2	010.1	-18.7
01		193 44.7	N22 30.9	024.3	-15.7
02		208 44.6	N22 30.6	037.5	-10.6
03		223 44.5	N22 30.3	049.6	-03.7
04		238 44.4	N22 30.1	060.8	+04.7
05		253 44.3	N22 29.8	071.4	+13.7
06		268 44.2	N22 29.5	081.8	+23.4
07		283 44.1	N22 29.2	092.7	+33.3
08		298 44.0	N22 28.9	105.2	+43.2
09		313 43.9	N22 28.6	120.7	+52.4
10		328 43.8	N22 28.4	141.7	+59.9
11		343 43.8	N22 28.1	170.2	+64.0
12		358 43.7	N22 27.8	201.5	+63.0
13		13 43.6	N22 27.5	227.1	+57.3
14		28 43.5	N22 27.2	245.7	+49.0
15		43 43.4	N22 26.9	259.8	+39.4
16		58 43.3	N22 26.6	271.5	+29.5
17		73 43.2	N22 26.4	282.2	+19.6
18		88 43.1	N22 26.1	292.6	+10.1
19		103 43.0	N22 25.8	303.3	+01.5
20		118 42.9	N22 25.5	314.8	-06.6
21		133 42.8	N22 25.2	327.4	-12.9
22		148 42.7	N22 24.9	341.0	-17.2
23		163 42.6	N22 24.6	355.4	-19.3
00	2027-07-09	178 42.5	N22 24.3	010.1	-18.8
01		193 42.4	N22 24.0	024.3	-15.9
02		208 42.3	N22 23.7	037.5	-10.7
03		223 42.2	N22 23.4	049.7	-03.8
04		238 42.1	N22 23.1	060.8	+04.6
05		253 42.0	N22 22.8	071.4	+13.6
06		268 41.9	N22 22.6	081.9	+23.3
07		283 41.8	N22 22.3	092.8	+33.2
08		298 41.7	N22 22.0	105.3	+43.1
09		313 41.7	N22 21.7	120.8	+52.3
10		328 41.6	N22 21.4	141.8	+59.8
11		343 41.5	N22 21.1	170.1	+63.9
12		358 41.4	N22 20.8	201.3	+62.9
13		13 41.3	N22 20.5	227.0	+57.2
14		28 41.2	N22 20.2	245.6	+48.9
15		43 41.1	N22 19.9	259.7	+39.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		58 41.0	N22 19.5	271.4	+29.4
17		73 40.9	N22 19.2	282.1	+19.5
18		88 40.8	N22 18.9	292.5	+10.0
19		103 40.7	N22 18.6	303.2	+01.4
20		118 40.6	N22 18.3	314.7	-06.7
21		133 40.5	N22 18.0	327.3	-13.0
22		148 40.5	N22 17.7	340.9	-17.4
23		163 40.4	N22 17.4	355.4	-19.4
00	2027-07-10	178 40.3	N22 17.1	010.1	-18.9
01		193 40.2	N22 16.8	024.3	-16.0
02		208 40.1	N22 16.5	037.5	-10.8
03		223 40.0	N22 16.2	049.7	-04.0
04		238 39.9	N22 15.9	060.9	+04.4
05		253 39.8	N22 15.5	071.5	+13.5
06		268 39.7	N22 15.2	081.9	+23.1
07		283 39.6	N22 14.9	092.9	+33.1
08		298 39.6	N22 14.6	105.3	+43.0
09		313 39.5	N22 14.3	120.8	+52.1
10		328 39.4	N22 14.0	141.8	+59.7
11		343 39.3	N22 13.7	170.1	+63.8
12		358 39.2	N22 13.3	201.2	+62.8
13		13 39.1	N22 13.0	226.8	+57.1
14		28 39.0	N22 12.7	245.4	+48.8
15		43 38.9	N22 12.4	259.5	+39.3
16		58 38.9	N22 12.1	271.3	+29.4
17		73 38.8	N22 11.7	281.9	+19.5
18		88 38.7	N22 11.4	292.4	+09.9
19		103 38.6	N22 11.1	303.1	+01.4
20		118 38.5	N22 10.8	314.6	-06.8
21		133 38.4	N22 10.5	327.2	-13.1
22		148 38.3	N22 10.1	340.9	-17.5
23		163 38.2	N22 09.8	355.4	-19.5
00	2027-07-11	178 38.2	N22 09.5	010.1	-19.1
01		193 38.1	N22 09.2	024.3	-16.1
02		208 38.0	N22 08.8	037.6	-11.0
03		223 37.9	N22 08.5	049.7	-04.1
04		238 37.8	N22 08.2	060.9	+04.3
05		253 37.7	N22 07.8	071.5	+13.3
06		268 37.6	N22 07.5	082.0	+23.0
07		283 37.6	N22 07.2	093.0	+33.0
08		298 37.5	N22 06.9	105.4	+42.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		313 37.4	N22 06.5	120.9	+52.0
10		328 37.3	N22 06.2	141.9	+59.5
11		343 37.2	N22 05.9	170.1	+63.7
12		358 37.1	N22 05.5	201.0	+62.7
13		13 37.1	N22 05.2	226.6	+57.1
14		28 37.0	N22 04.9	245.2	+48.8
15		43 36.9	N22 04.5	259.4	+39.2
16		58 36.8	N22 04.2	271.1	+29.3
17		73 36.7	N22 03.9	281.8	+19.4
18		88 36.6	N22 03.5	292.3	+09.9
19		103 36.6	N22 03.2	303.0	+01.3
20		118 36.5	N22 02.8	314.6	-06.9
21		133 36.4	N22 02.5	327.1	-13.2
22		148 36.3	N22 02.2	340.8	-17.6
23		163 36.2	N22 01.8	355.3	-19.7
00	2027-07-12	178 36.2	N22 01.5	010.0	-19.2
01		193 36.1	N22 01.2	024.3	-16.3
02		208 36.0	N22 00.8	037.6	-11.1
03		223 35.9	N22 00.5	049.8	-04.2
04		238 35.8	N22 00.1	061.0	+04.2
05		253 35.8	N21 59.8	071.6	+13.2
06		268 35.7	N21 59.4	082.1	+22.9
07		283 35.6	N21 59.1	093.1	+32.9
08		298 35.5	N21 58.7	105.5	+42.7
09		313 35.4	N21 58.4	121.0	+51.9
10		328 35.4	N21 58.0	141.9	+59.4
11		343 35.3	N21 57.7	170.0	+63.5
12		358 35.2	N21 57.4	200.9	+62.5
13		13 35.1	N21 57.0	226.4	+57.0
14		28 35.0	N21 56.7	245.1	+48.7
15		43 35.0	N21 56.3	259.2	+39.2
16		58 34.9	N21 56.0	271.0	+29.2
17		73 34.8	N21 55.6	281.7	+19.3
18		88 34.7	N21 55.2	292.1	+09.8
19		103 34.7	N21 54.9	302.9	+01.2
20		118 34.6	N21 54.5	314.5	-07.0
21		133 34.5	N21 54.2	327.0	-13.3
22		148 34.4	N21 53.8	340.7	-17.7
23		163 34.4	N21 53.5	355.3	-19.8
00	2027-07-13	178 34.3	N21 53.1	010.0	-19.3
01		193 34.2	N21 52.8	024.3	-16.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		208 34.1	N21 52.4	037.6	-11.2
03		223 34.1	N21 52.1	049.8	-04.3
04		238 34.0	N21 51.7	061.1	+04.1
05		253 33.9	N21 51.3	071.7	+13.1
06		268 33.8	N21 51.0	082.2	+22.8
07		283 33.8	N21 50.6	093.2	+32.8
08		298 33.7	N21 50.2	105.6	+42.6
09		313 33.6	N21 49.9	121.1	+51.8
10		328 33.5	N21 49.5	142.0	+59.3
11		343 33.5	N21 49.2	170.0	+63.4
12		358 33.4	N21 48.8	200.8	+62.4
13		13 33.3	N21 48.4	226.2	+56.8
14		28 33.2	N21 48.1	244.9	+48.6
15		43 33.2	N21 47.7	259.1	+39.1
16		58 33.1	N21 47.3	270.9	+29.1
17		73 33.0	N21 47.0	281.6	+19.2
18		88 32.9	N21 46.6	292.0	+09.7
19		103 32.9	N21 46.2	302.8	+01.1
20		118 32.8	N21 45.9	314.4	-07.1
21		133 32.7	N21 45.5	327.0	-13.4
22		148 32.7	N21 45.1	340.7	-17.9
23		163 32.6	N21 44.8	355.2	-19.9
00	2027-07-14	178 32.5	N21 44.4	010.0	-19.5
01		193 32.4	N21 44.0	024.3	-16.5
02		208 32.4	N21 43.6	037.7	-11.4
03		223 32.3	N21 43.3	049.9	-04.5
04		238 32.2	N21 42.9	061.1	+04.0
05		253 32.2	N21 42.5	071.8	+13.0
06		268 32.1	N21 42.1	082.3	+22.7
07		283 32.0	N21 41.8	093.3	+32.6
08		298 32.0	N21 41.4	105.7	+42.5
09		313 31.9	N21 41.0	121.2	+51.6
10		328 31.8	N21 40.6	142.1	+59.1
11		343 31.8	N21 40.2	170.0	+63.2
12		358 31.7	N21 39.9	200.6	+62.3
13		13 31.6	N21 39.5	226.1	+56.7
14		28 31.5	N21 39.1	244.7	+48.5
15		43 31.5	N21 38.7	258.9	+39.0
16		58 31.4	N21 38.3	270.7	+29.1
17		73 31.3	N21 38.0	281.4	+19.1
18		88 31.3	N21 37.6	291.9	+09.6
19		103 31.2	N21 37.2	302.7	+01.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		118 31.1	N21 36.8	314.3	-07.2
21		133 31.1	N21 36.4	326.9	-13.6
22		148 31.0	N21 36.0	340.6	-18.0
23		163 30.9	N21 35.7	355.2	-20.1
00	2027-07-15	178 30.9	N21 35.3	010.0	-19.6
01		193 30.8	N21 34.9	024.4	-16.7
02		208 30.8	N21 34.5	037.7	-11.5
03		223 30.7	N21 34.1	050.0	-04.6
04		238 30.6	N21 33.7	061.2	+03.8
05		253 30.6	N21 33.3	071.9	+12.9
06		268 30.5	N21 32.9	082.4	+22.6
07		283 30.4	N21 32.5	093.4	+32.5
08		298 30.4	N21 32.1	105.9	+42.3
09		313 30.3	N21 31.8	121.4	+51.5
10		328 30.2	N21 31.4	142.2	+59.0
11		343 30.2	N21 31.0	170.0	+63.1
12		358 30.1	N21 30.6	200.5	+62.1
13		13 30.1	N21 30.2	225.9	+56.6
14		28 30.0	N21 29.8	244.5	+48.4
15		43 29.9	N21 29.4	258.7	+38.9
16		58 29.9	N21 29.0	270.6	+29.0
17		73 29.8	N21 28.6	281.3	+19.0
18		88 29.7	N21 28.2	291.8	+09.5
19		103 29.7	N21 27.8	302.6	+00.9
20		118 29.6	N21 27.4	314.2	-07.3
21		133 29.6	N21 27.0	326.8	-13.7
22		148 29.5	N21 26.6	340.6	-18.1
23		163 29.4	N21 26.2	355.2	-20.3
00	2027-07-16	178 29.4	N21 25.8	010.0	-19.8
01		193 29.3	N21 25.4	024.4	-16.9
02		208 29.3	N21 25.0	037.8	-11.7
03		223 29.2	N21 24.6	050.0	-04.8
04		238 29.1	N21 24.2	061.3	+03.7
05		253 29.1	N21 23.8	072.0	+12.7
06		268 29.0	N21 23.4	082.5	+22.4
07		283 29.0	N21 23.0	093.5	+32.4
08		298 28.9	N21 22.5	106.0	+42.2
09		313 28.8	N21 22.1	121.5	+51.4
10		328 28.8	N21 21.7	142.3	+58.8
11		343 28.7	N21 21.3	170.0	+62.9
12		358 28.7	N21 20.9	200.4	+62.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		13 28.6	N21 20.5	225.7	+56.5
14		28 28.6	N21 20.1	244.3	+48.3
15		43 28.5	N21 19.7	258.6	+38.8
16		58 28.4	N21 19.3	270.4	+28.9
17		73 28.4	N21 18.9	281.2	+18.9
18		88 28.3	N21 18.4	291.7	+09.4
19		103 28.3	N21 18.0	302.5	+00.8
20		118 28.2	N21 17.6	314.1	-07.5
21		133 28.2	N21 17.2	326.7	-13.8
22		148 28.1	N21 16.8	340.5	-18.3
23		163 28.1	N21 16.4	355.1	-20.4
00	2027-07-17	178 28.0	N21 15.9	010.0	-20.0
01		193 27.9	N21 15.5	024.4	-17.0
02		208 27.9	N21 15.1	037.8	-11.9
03		223 27.8	N21 14.7	050.1	-04.9
04		238 27.8	N21 14.3	061.4	+03.6
05		253 27.7	N21 13.9	072.1	+12.6
06		268 27.7	N21 13.4	082.6	+22.3
07		283 27.6	N21 13.0	093.6	+32.3
08		298 27.6	N21 12.6	106.1	+42.1
09		313 27.5	N21 12.2	121.6	+51.2
10		328 27.5	N21 11.7	142.4	+58.7
11		343 27.4	N21 11.3	170.0	+62.7
12		358 27.4	N21 10.9	200.2	+61.8
13		13 27.3	N21 10.5	225.5	+56.3
14		28 27.3	N21 10.0	244.2	+48.2
15		43 27.2	N21 09.6	258.4	+38.7
16		58 27.2	N21 09.2	270.3	+28.8
17		73 27.1	N21 08.8	281.0	+18.8
18		88 27.1	N21 08.3	291.5	+09.3
19		103 27.0	N21 07.9	302.4	+00.7
20		118 27.0	N21 07.5	313.9	-07.6
21		133 26.9	N21 07.0	326.6	-14.0
22		148 26.9	N21 06.6	340.4	-18.5
23		163 26.8	N21 06.2	355.1	-20.6
00	2027-07-18	178 26.8	N21 05.7	010.0	-20.1
01		193 26.7	N21 05.3	024.5	-17.2
02		208 26.7	N21 04.9	037.9	-12.0
03		223 26.6	N21 04.4	050.2	-05.1
04		238 26.6	N21 04.0	061.5	+03.4
05		253 26.5	N21 03.6	072.2	+12.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		268 26.5	N21 03.1	082.7	+22.2
07		283 26.4	N21 02.7	093.7	+32.1
08		298 26.4	N21 02.3	106.3	+41.9
09		313 26.3	N21 01.8	121.8	+51.1
10		328 26.3	N21 01.4	142.5	+58.5
11		343 26.2	N21 01.0	170.0	+62.6
12		358 26.2	N21 00.5	200.1	+61.7
13		13 26.1	N21 00.1	225.3	+56.2
14		28 26.1	N20 59.6	244.0	+48.0
15		43 26.0	N20 59.2	258.2	+38.6
16		58 26.0	N20 58.7	270.1	+28.7
17		73 26.0	N20 58.3	280.9	+18.7
18		88 25.9	N20 57.9	291.4	+09.2
19		103 25.9	N20 57.4	302.2	+00.6
20		118 25.8	N20 57.0	313.8	-07.7
21		133 25.8	N20 56.5	326.5	-14.1
22		148 25.7	N20 56.1	340.4	-18.6
23		163 25.7	N20 55.6	355.1	-20.8
00	2027-07-19	178 25.6	N20 55.2	010.0	-20.3
01		193 25.6	N20 54.7	024.5	-17.4
02		208 25.6	N20 54.3	038.0	-12.2
03		223 25.5	N20 53.8	050.3	-05.2
04		238 25.5	N20 53.4	061.6	+03.3
05		253 25.4	N20 52.9	072.3	+12.3
06		268 25.4	N20 52.5	082.8	+22.0
07		283 25.3	N20 52.0	093.9	+32.0
08		298 25.3	N20 51.6	106.4	+41.8
09		313 25.3	N20 51.1	121.9	+50.9
10		328 25.2	N20 50.7	142.6	+58.3
11		343 25.2	N20 50.2	170.0	+62.4
12		358 25.1	N20 49.8	200.0	+61.5
13		13 25.1	N20 49.3	225.1	+56.1
14		28 25.1	N20 48.9	243.8	+47.9
15		43 25.0	N20 48.4	258.1	+38.5
16		58 25.0	N20 48.0	269.9	+28.5
17		73 24.9	N20 47.5	280.7	+18.6
18		88 24.9	N20 47.0	291.3	+09.0
19		103 24.9	N20 46.6	302.1	+00.5
20		118 24.8	N20 46.1	313.7	-07.9
21		133 24.8	N20 45.7	326.4	-14.3
22		148 24.7	N20 45.2	340.3	-18.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		163 24.7	N20 44.7	355.0	-20.9
00	2027-07-20	178 24.7	N20 44.3	010.0	-20.5
01		193 24.6	N20 43.8	024.5	-17.5
02		208 24.6	N20 43.4	038.0	-12.3
03		223 24.6	N20 42.9	050.4	-05.4
04		238 24.5	N20 42.4	061.7	+03.1
05		253 24.5	N20 42.0	072.4	+12.2
06		268 24.4	N20 41.5	082.9	+21.9
07		283 24.4	N20 41.0	094.0	+31.8
08		298 24.4	N20 40.6	106.6	+41.7
09		313 24.3	N20 40.1	122.1	+50.8
10		328 24.3	N20 39.6	142.8	+58.2
11		343 24.3	N20 39.2	170.0	+62.2
12		358 24.2	N20 38.7	199.9	+61.3
13		13 24.2	N20 38.2	224.9	+55.9
14		28 24.2	N20 37.8	243.6	+47.8
15		43 24.1	N20 37.3	257.9	+38.3
16		58 24.1	N20 36.8	269.8	+28.4
17		73 24.1	N20 36.3	280.6	+18.5
18		88 24.0	N20 35.9	291.1	+08.9
19		103 24.0	N20 35.4	302.0	+00.4
20		118 24.0	N20 34.9	313.6	-08.0
21		133 23.9	N20 34.4	326.4	-14.5
22		148 23.9	N20 34.0	340.2	-19.0
23		163 23.9	N20 33.5	355.0	-21.1
00	2027-07-21	178 23.8	N20 33.0	010.0	-20.7
01		193 23.8	N20 32.5	024.6	-17.7
02		208 23.8	N20 32.1	038.1	-12.5
03		223 23.7	N20 31.6	050.4	-05.5
04		238 23.7	N20 31.1	061.8	+03.0
05		253 23.7	N20 30.6	072.5	+12.0
06		268 23.6	N20 30.2	083.1	+21.7
07		283 23.6	N20 29.7	094.2	+31.7
08		298 23.6	N20 29.2	106.7	+41.5
09		313 23.5	N20 28.7	122.2	+50.6
10		328 23.5	N20 28.2	142.9	+58.0
11		343 23.5	N20 27.7	170.0	+62.0
12		358 23.5	N20 27.3	199.7	+61.1
13		13 23.4	N20 26.8	224.8	+55.8
14		28 23.4	N20 26.3	243.4	+47.6
15		43 23.4	N20 25.8	257.7	+38.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		58 23.3	N20 25.3	269.6	+28.3
17		73 23.3	N20 24.8	280.4	+18.4
18		88 23.3	N20 24.4	291.0	+08.8
19		103 23.3	N20 23.9	301.9	+00.3
20		118 23.2	N20 23.4	313.5	-08.2
21		133 23.2	N20 22.9	326.3	-14.6
22		148 23.2	N20 22.4	340.2	-19.2
23		163 23.2	N20 21.9	355.0	-21.3
00	2027-07-22	178 23.1	N20 21.4	010.1	-20.9
01		193 23.1	N20 20.9	024.6	-17.9
02		208 23.1	N20 20.4	038.2	-12.7
03		223 23.1	N20 19.9	050.5	-05.7
04		238 23.0	N20 19.5	061.9	+02.8
05		253 23.0	N20 19.0	072.6	+11.9
06		268 23.0	N20 18.5	083.2	+21.6
07		283 23.0	N20 18.0	094.3	+31.6
08		298 22.9	N20 17.5	106.9	+41.4
09		313 22.9	N20 17.0	122.4	+50.4
10		328 22.9	N20 16.5	143.0	+57.8
11		343 22.9	N20 16.0	170.1	+61.8
12		358 22.8	N20 15.5	199.6	+60.9
13		13 22.8	N20 15.0	224.6	+55.6
14		28 22.8	N20 14.5	243.2	+47.5
15		43 22.8	N20 14.0	257.5	+38.1
16		58 22.7	N20 13.5	269.5	+28.2
17		73 22.7	N20 13.0	280.3	+18.2
18		88 22.7	N20 12.5	290.8	+08.6
19		103 22.7	N20 12.0	301.7	+00.1
20		118 22.7	N20 11.5	313.4	-08.4
21		133 22.6	N20 11.0	326.2	-14.8
22		148 22.6	N20 10.5	340.1	-19.3
23		163 22.6	N20 10.0	355.0	-21.5
00	2027-07-23	178 22.6	N20 09.5	010.1	-21.1
01		193 22.6	N20 09.0	024.7	-18.1
02		208 22.5	N20 08.5	038.3	-12.9
03		223 22.5	N20 08.0	050.6	-05.9
04		238 22.5	N20 07.4	062.0	+02.7
05		253 22.5	N20 06.9	072.8	+11.7
06		268 22.5	N20 06.4	083.4	+21.4
07		283 22.4	N20 05.9	094.5	+31.4
08		298 22.4	N20 05.4	107.1	+41.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		313 22.4	N20 04.9	122.6	+50.3
10		328 22.4	N20 04.4	143.2	+57.6
11		343 22.4	N20 03.9	170.1	+61.6
12		358 22.3	N20 03.4	199.5	+60.8
13		13 22.3	N20 02.9	224.4	+55.4
14		28 22.3	N20 02.3	243.0	+47.3
15		43 22.3	N20 01.8	257.3	+37.9
16		58 22.3	N20 01.3	269.3	+28.0
17		73 22.3	N20 00.8	280.1	+18.1
18		88 22.2	N20 00.3	290.7	+08.5
19		103 22.2	N19 59.8	301.6	-00.0
20		118 22.2	N19 59.3	313.3	-08.5
21		133 22.2	N19 58.7	326.1	-15.0
22		148 22.2	N19 58.2	340.1	-19.5
23		163 22.2	N19 57.7	354.9	-21.7
00	2027-07-24	178 22.2	N19 57.2	010.1	-21.3
01		193 22.1	N19 56.7	024.7	-18.3
02		208 22.1	N19 56.2	038.3	-13.1
03		223 22.1	N19 55.6	050.8	-06.1
04		238 22.1	N19 55.1	062.2	+02.5
05		253 22.1	N19 54.6	072.9	+11.6
06		268 22.1	N19 54.1	083.5	+21.3
07		283 22.1	N19 53.5	094.6	+31.3
08		298 22.0	N19 53.0	107.2	+41.1
09		313 22.0	N19 52.5	122.8	+50.1
10		328 22.0	N19 52.0	143.3	+57.4
11		343 22.0	N19 51.4	170.1	+61.4
12		358 22.0	N19 50.9	199.4	+60.6
13		13 22.0	N19 50.4	224.2	+55.2
14		28 22.0	N19 49.9	242.8	+47.2
15		43 22.0	N19 49.3	257.1	+37.8
16		58 22.0	N19 48.8	269.1	+27.9
17		73 21.9	N19 48.3	280.0	+17.9
18		88 21.9	N19 47.8	290.6	+08.3
19		103 21.9	N19 47.2	301.5	-00.1
20		118 21.9	N19 46.7	313.2	-08.7
21		133 21.9	N19 46.2	326.0	-15.2
22		148 21.9	N19 45.6	340.0	-19.7
23		163 21.9	N19 45.1	354.9	-21.9
00	2027-07-25	178 21.9	N19 44.6	010.1	-21.5
01		193 21.9	N19 44.0	024.8	-18.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		208 21.9	N19 43.5	038.4	-13.3
03		223 21.9	N19 43.0	050.9	-06.2
04		238 21.8	N19 42.4	062.3	+02.4
05		253 21.8	N19 41.9	073.0	+11.4
06		268 21.8	N19 41.4	083.7	+21.1
07		283 21.8	N19 40.8	094.8	+31.1
08		298 21.8	N19 40.3	107.4	+40.9
09		313 21.8	N19 39.8	123.0	+49.9
10		328 21.8	N19 39.2	143.5	+57.2
11		343 21.8	N19 38.7	170.2	+61.2
12		358 21.8	N19 38.1	199.3	+60.3
13		13 21.8	N19 37.6	224.0	+55.1
14		28 21.8	N19 37.1	242.6	+47.0
15		43 21.8	N19 36.5	257.0	+37.6
16		58 21.8	N19 36.0	268.9	+27.7
17		73 21.8	N19 35.4	279.8	+17.8
18		88 21.8	N19 34.9	290.4	+08.2
19		103 21.8	N19 34.4	301.3	-00.3
20		118 21.8	N19 33.8	313.1	-08.9
21		133 21.8	N19 33.3	325.9	-15.4
22		148 21.8	N19 32.7	339.9	-20.0
23		163 21.7	N19 32.2	354.9	-22.1
00	2027-07-26	178 21.7	N19 31.6	010.1	-21.7
01		193 21.7	N19 31.1	024.9	-18.7
02		208 21.7	N19 30.5	038.5	-13.5
03		223 21.7	N19 30.0	051.0	-06.4
04		238 21.7	N19 29.4	062.4	+02.2
05		253 21.7	N19 28.9	073.2	+11.2
06		268 21.7	N19 28.3	083.8	+21.0
07		283 21.7	N19 27.8	095.0	+31.0
08		298 21.7	N19 27.2	107.6	+40.7
09		313 21.7	N19 26.7	123.2	+49.8
10		328 21.7	N19 26.1	143.7	+57.0
11		343 21.7	N19 25.6	170.2	+61.0
12		358 21.7	N19 25.0	199.2	+60.1
13		13 21.7	N19 24.5	223.8	+54.9
14		28 21.7	N19 23.9	242.4	+46.8
15		43 21.7	N19 23.4	256.8	+37.5
16		58 21.7	N19 22.8	268.8	+27.6
17		73 21.7	N19 22.3	279.7	+17.6
18		88 21.7	N19 21.7	290.3	+08.0
19		103 21.7	N19 21.1	301.2	-01.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		118 21.7	N19 20.6	312.9	-09.1
21		133 21.8	N19 20.0	325.8	-15.6
22		148 21.8	N19 19.5	339.9	-20.2
23		163 21.8	N19 18.9	354.9	-22.4
00	2027-07-27	178 21.8	N19 18.4	010.2	-21.9
01		193 21.8	N19 17.8	024.9	-18.9
02		208 21.8	N19 17.2	038.6	-13.7
03		223 21.8	N19 16.7	051.1	-06.6
04		238 21.8	N19 16.1	062.6	+02.0
05		253 21.8	N19 15.5	073.3	+11.1
06		268 21.8	N19 15.0	084.0	+20.8
07		283 21.8	N19 14.4	095.2	+30.8
08		298 21.8	N19 13.9	107.8	+40.6
09		313 21.8	N19 13.3	123.4	+49.6
10		328 21.8	N19 12.7	143.8	+56.8
11		343 21.8	N19 12.2	170.3	+60.8
12		358 21.8	N19 11.6	199.1	+59.9
13		13 21.8	N19 11.0	223.6	+54.7
14		28 21.8	N19 10.5	242.2	+46.7
15		43 21.8	N19 09.9	256.6	+37.3
16		58 21.8	N19 09.3	268.6	+27.4
17		73 21.9	N19 08.8	279.5	+17.5
18		88 21.9	N19 08.2	290.1	+07.9
19		103 21.9	N19 07.6	301.1	-01.3
20		118 21.9	N19 07.0	312.8	-09.3
21		133 21.9	N19 06.5	325.7	-15.8
22		148 21.9	N19 05.9	339.8	-20.4
23		163 21.9	N19 05.3	354.9	-22.6
00	2027-07-28	178 21.9	N19 04.8	010.2	-22.2
01		193 21.9	N19 04.2	025.0	-19.1
02		208 21.9	N19 03.6	038.7	-13.9
03		223 21.9	N19 03.0	051.2	-06.8
04		238 22.0	N19 02.5	062.7	+01.9
05		253 22.0	N19 01.9	073.5	+10.9
06		268 22.0	N19 01.3	084.2	+20.7
07		283 22.0	N19 00.7	095.4	+30.6
08		298 22.0	N19 00.2	108.0	+40.4
09		313 22.0	N18 59.6	123.6	+49.4
10		328 22.0	N18 59.0	144.0	+56.6
11		343 22.0	N18 58.4	170.4	+60.5
12		358 22.1	N18 57.8	199.0	+59.7

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		13 22.1	N18 57.3	223.4	+54.5
14		28 22.1	N18 56.7	242.0	+46.5
15		43 22.1	N18 56.1	256.4	+37.1
16		58 22.1	N18 55.5	268.4	+27.2
17		73 22.1	N18 54.9	279.3	+17.3
18		88 22.1	N18 54.4	290.0	+07.7
19		103 22.1	N18 53.8	300.9	-01.5
20		118 22.2	N18 53.2	312.7	-09.5
21		133 22.2	N18 52.6	325.6	-16.0
22		148 22.2	N18 52.0	339.8	-20.6
23		163 22.2	N18 51.4	354.9	-22.8
00	2027-07-29	178 22.2	N18 50.9	010.2	-22.4
01		193 22.2	N18 50.3	025.1	-19.4
02		208 22.3	N18 49.7	038.8	-14.1
03		223 22.3	N18 49.1	051.4	-07.0
04		238 22.3	N18 48.5	062.9	+01.7
05		253 22.3	N18 47.9	073.7	+10.8
06		268 22.3	N18 47.3	084.4	+20.5
07		283 22.3	N18 46.7	095.6	+30.5
08		298 22.4	N18 46.1	108.2	+40.2
09		313 22.4	N18 45.6	123.8	+49.2
10		328 22.4	N18 45.0	144.2	+56.4
11		343 22.4	N18 44.4	170.4	+60.3
12		358 22.4	N18 43.8	198.9	+59.5
13		13 22.4	N18 43.2	223.3	+54.3
14		28 22.5	N18 42.6	241.8	+46.3
15		43 22.5	N18 42.0	256.2	+37.0
16		58 22.5	N18 41.4	268.2	+27.1
17		73 22.5	N18 40.8	279.2	+17.1
18		88 22.5	N18 40.2	289.8	+07.5
19		103 22.6	N18 39.6	300.8	-01.6
20		118 22.6	N18 39.0	312.6	-09.7
21		133 22.6	N18 38.4	325.5	-16.2
22		148 22.6	N18 37.8	339.7	-20.8
23		163 22.7	N18 37.2	354.9	-23.1
00	2027-07-30	178 22.7	N18 36.6	010.3	-22.6
01		193 22.7	N18 36.0	025.2	-19.6
02		208 22.7	N18 35.4	039.0	-14.3
03		223 22.7	N18 34.8	051.5	-07.2
04		238 22.8	N18 34.2	063.0	+01.6
05		253 22.8	N18 33.6	073.8	+10.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		268 22.8	N18 33.0	084.5	+20.3
07		283 22.8	N18 32.4	095.8	+30.3
08		298 22.9	N18 31.8	108.5	+40.1
09		313 22.9	N18 31.2	124.0	+49.0
10		328 22.9	N18 30.6	144.4	+56.2
11		343 22.9	N18 30.0	170.5	+60.1
12		358 23.0	N18 29.4	198.8	+59.2
13		13 23.0	N18 28.8	223.1	+54.0
14		28 23.0	N18 28.2	241.6	+46.1
15		43 23.0	N18 27.6	256.0	+36.8
16		58 23.1	N18 27.0	268.0	+26.9
17		73 23.1	N18 26.4	279.0	+16.9
18		88 23.1	N18 25.8	289.7	+07.3
19		103 23.1	N18 25.2	300.7	-01.8
20		118 23.2	N18 24.5	312.5	-09.9
21		133 23.2	N18 23.9	325.4	-16.5
22		148 23.2	N18 23.3	339.7	-21.1
23		163 23.2	N18 22.7	354.9	-23.3
00	2027-07-31	178 23.3	N18 22.1	010.3	-22.9
01		193 23.3	N18 21.5	025.3	-19.8
02		208 23.3	N18 20.9	039.1	-14.5
03		223 23.4	N18 20.3	051.7	-07.4
04		238 23.4	N18 19.7	063.2	+01.4
05		253 23.4	N18 19.0	074.0	+10.4
06		268 23.4	N18 18.4	084.7	+20.2
07		283 23.5	N18 17.8	096.0	+30.1
08		298 23.5	N18 17.2	108.7	+39.9
09		313 23.5	N18 16.6	124.3	+48.8
10		328 23.6	N18 16.0	144.6	+56.0
11		343 23.6	N18 15.3	170.6	+59.8
12		358 23.6	N18 14.7	198.7	+59.0
13		13 23.7	N18 14.1	222.9	+53.8
14		28 23.7	N18 13.5	241.4	+45.9
15		43 23.7	N18 12.9	255.8	+36.6
16		58 23.8	N18 12.3	267.9	+26.7
17		73 23.8	N18 11.6	278.8	+16.8
18		88 23.8	N18 11.0	289.5	+07.1
19		103 23.8	N18 10.4	300.5	-02.0
20		118 23.9	N18 09.8	312.4	-10.1
21		133 23.9	N18 09.1	325.4	-16.7
22		148 23.9	N18 08.5	339.6	-21.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		163 24.0	N18 07.9	354.9	-23.5
00	2027-08-01	178 24.0	N18 07.3	010.4	-23.1
01		193 24.1	N18 06.6	025.3	-20.0
02		208 24.1	N18 06.0	039.2	-14.7
03		223 24.1	N18 05.4	051.8	-07.6
04		238 24.2	N18 04.8	063.3	+01.2
05		253 24.2	N18 04.1	074.2	+10.2
06		268 24.2	N18 03.5	084.9	+20.0
07		283 24.3	N18 02.9	096.2	+30.0
08		298 24.3	N18 02.3	108.9	+39.7
09		313 24.3	N18 01.6	124.5	+48.6
10		328 24.4	N18 01.0	144.8	+55.8
11		343 24.4	N18 00.4	170.7	+59.6
12		358 24.4	N17 59.7	198.6	+58.7
13		13 24.5	N17 59.1	222.7	+53.6
14		28 24.5	N17 58.5	241.2	+45.7
15		43 24.6	N17 57.9	255.6	+36.4
16		58 24.6	N17 57.2	267.7	+26.5
17		73 24.6	N17 56.6	278.7	+16.6
18		88 24.7	N17 56.0	289.4	+06.9
19		103 24.7	N17 55.3	300.4	-02.3
20		118 24.8	N17 54.7	312.2	-10.3
21		133 24.8	N17 54.1	325.3	-16.9
22		148 24.8	N17 53.4	339.6	-21.6
23		163 24.9	N17 52.8	354.9	-23.8
00	2027-08-02	178 24.9	N17 52.1	010.4	-23.4
01		193 25.0	N17 51.5	025.4	-20.3
02		208 25.0	N17 50.9	039.3	-14.9
03		223 25.0	N17 50.2	052.0	-07.8
04		238 25.1	N17 49.6	063.5	+01.1
05		253 25.1	N17 49.0	074.4	+10.1
06		268 25.2	N17 48.3	085.1	+19.8
07		283 25.2	N17 47.7	096.4	+29.8
08		298 25.2	N17 47.0	109.1	+39.5
09		313 25.3	N17 46.4	124.7	+48.4
10		328 25.3	N17 45.8	145.0	+55.5
11		343 25.4	N17 45.1	170.7	+59.3
12		358 25.4	N17 44.5	198.6	+58.5
13		13 25.5	N17 43.8	222.5	+53.4
14		28 25.5	N17 43.2	241.0	+45.5
15		43 25.6	N17 42.5	255.4	+36.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		58 25.6	N17 41.9	267.5	+26.3
17		73 25.6	N17 41.3	278.5	+16.4
18		88 25.7	N17 40.6	289.2	+06.7
19		103 25.7	N17 40.0	300.2	-02.5
20		118 25.8	N17 39.3	312.1	-10.5
21		133 25.8	N17 38.7	325.2	-17.2
22		148 25.9	N17 38.0	339.5	-21.8
23		163 25.9	N17 37.4	354.9	-24.1
00	2027-08-03	178 26.0	N17 36.7	010.5	-23.6
01		193 26.0	N17 36.1	025.5	-20.5
02		208 26.1	N17 35.4	039.5	-15.1
03		223 26.1	N17 34.8	052.1	-08.0
04		238 26.2	N17 34.1	063.7	+00.9
05		253 26.2	N17 33.5	074.6	+09.9
06		268 26.3	N17 32.8	085.3	+19.7
07		283 26.3	N17 32.2	096.6	+29.6
08		298 26.3	N17 31.5	109.4	+39.3
09		313 26.4	N17 30.9	125.0	+48.2
10		328 26.4	N17 30.2	145.2	+55.3
11		343 26.5	N17 29.6	170.8	+59.1
12		358 26.5	N17 28.9	198.5	+58.2
13		13 26.6	N17 28.3	222.3	+53.1
14		28 26.6	N17 27.6	240.8	+45.3
15		43 26.7	N17 27.0	255.2	+36.0
16		58 26.7	N17 26.3	267.3	+26.1
17		73 26.8	N17 25.6	278.3	+16.2
18		88 26.9	N17 25.0	289.0	+06.5
19		103 26.9	N17 24.3	300.1	-02.7
20		118 27.0	N17 23.7	312.0	-10.8
21		133 27.0	N17 23.0	325.1	-17.4
22		148 27.1	N17 22.3	339.5	-22.1
23		163 27.1	N17 21.7	354.9	-24.3
00	2027-08-04	178 27.2	N17 21.0	010.5	-23.9
01		193 27.2	N17 20.4	025.6	-20.8
02		208 27.3	N17 19.7	039.6	-15.4
03		223 27.3	N17 19.0	052.3	-08.2
04		238 27.4	N17 18.4	063.9	+00.7
05		253 27.4	N17 17.7	074.8	+09.7
06		268 27.5	N17 17.1	085.5	+19.5
07		283 27.5	N17 16.4	096.8	+29.5
08		298 27.6	N17 15.7	109.6	+39.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		313 27.7	N17 15.1	125.2	+48.0
10		328 27.7	N17 14.4	145.4	+55.1
11		343 27.8	N17 13.7	170.9	+58.8
12		358 27.8	N17 13.1	198.4	+58.0
13		13 27.9	N17 12.4	222.2	+52.9
14		28 27.9	N17 11.7	240.6	+45.1
15		43 28.0	N17 11.1	255.0	+35.8
16		58 28.1	N17 10.4	267.1	+25.9
17		73 28.1	N17 09.7	278.1	+16.0
18		88 28.2	N17 09.1	288.9	+06.3
19		103 28.2	N17 08.4	300.0	-02.9
20		118 28.3	N17 07.7	311.9	-11.0
21		133 28.3	N17 07.1	325.0	-17.7
22		148 28.4	N17 06.4	339.4	-22.3
23		163 28.5	N17 05.7	354.9	-24.6
00	2027-08-05	178 28.5	N17 05.0	010.6	-24.1
01		193 28.6	N17 04.4	025.8	-21.0
02		208 28.6	N17 03.7	039.8	-15.6
03		223 28.7	N17 03.0	052.4	-08.4
04		238 28.8	N17 02.4	064.0	+00.6
05		253 28.8	N17 01.7	075.0	+09.5
06		268 28.9	N17 01.0	085.7	+19.3
07		283 28.9	N17 00.3	097.1	+29.3
08		298 29.0	N16 59.7	109.9	+39.0
09		313 29.1	N16 59.0	125.5	+47.8
10		328 29.1	N16 58.3	145.6	+54.8
11		343 29.2	N16 57.6	171.0	+58.5
12		358 29.3	N16 57.0	198.3	+57.7
13		13 29.3	N16 56.3	222.0	+52.6
14		28 29.4	N16 55.6	240.4	+44.8
15		43 29.4	N16 54.9	254.8	+35.6
16		58 29.5	N16 54.2	266.9	+25.7
17		73 29.6	N16 53.6	278.0	+15.8
18		88 29.6	N16 52.9	288.7	+06.1
19		103 29.7	N16 52.2	299.8	-03.1
20		118 29.8	N16 51.5	311.7	-11.3
21		133 29.8	N16 50.8	324.9	-17.9
22		148 29.9	N16 50.2	339.4	-22.6
23		163 30.0	N16 49.5	354.9	-24.9
00	2027-08-06	178 30.0	N16 48.8	010.7	-24.4
01		193 30.1	N16 48.1	025.9	-21.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		208 30.2	N16 47.4	039.9	-15.8
03		223 30.2	N16 46.7	052.6	-08.6
04		238 30.3	N16 46.1	064.2	+00.4
05		253 30.4	N16 45.4	075.2	+09.3
06		268 30.4	N16 44.7	086.0	+19.1
07		283 30.5	N16 44.0	097.3	+29.1
08		298 30.6	N16 43.3	110.1	+38.8
09		313 30.6	N16 42.6	125.7	+47.6
10		328 30.7	N16 41.9	145.9	+54.6
11		343 30.8	N16 41.2	171.1	+58.3
12		358 30.8	N16 40.6	198.3	+57.4
13		13 30.9	N16 39.9	221.8	+52.4
14		28 31.0	N16 39.2	240.1	+44.6
15		43 31.1	N16 38.5	254.6	+35.4
16		58 31.1	N16 37.8	266.7	+25.5
17		73 31.2	N16 37.1	277.8	+15.5
18		88 31.3	N16 36.4	288.5	+05.9
19		103 31.3	N16 35.7	299.7	-03.4
20		118 31.4	N16 35.0	311.6	-11.5
21		133 31.5	N16 34.3	324.8	-18.2
22		148 31.6	N16 33.6	339.3	-22.9
23		163 31.6	N16 33.0	354.9	-25.1
00	2027-08-07	178 31.7	N16 32.3	010.7	-24.7
01		193 31.8	N16 31.6	026.0	-21.5
02		208 31.8	N16 30.9	040.1	-16.1
03		223 31.9	N16 30.2	052.8	-08.8
04		238 32.0	N16 29.5	064.4	+00.2
05		253 32.1	N16 28.8	075.4	+09.2
06		268 32.1	N16 28.1	086.2	+19.0
07		283 32.2	N16 27.4	097.6	+28.9
08		298 32.3	N16 26.7	110.4	+38.6
09		313 32.4	N16 26.0	126.0	+47.4
10		328 32.4	N16 25.3	146.1	+54.3
11		343 32.5	N16 24.6	171.2	+58.0
12		358 32.6	N16 23.9	198.2	+57.2
13		13 32.7	N16 23.2	221.7	+52.1
14		28 32.7	N16 22.5	239.9	+44.4
15		43 32.8	N16 21.8	254.4	+35.1
16		58 32.9	N16 21.1	266.5	+25.3
17		73 33.0	N16 20.4	277.6	+15.3
18		88 33.0	N16 19.7	288.4	+05.7
19		103 33.1	N16 19.0	299.5	-03.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		118 33.2	N16 18.3	311.5	-11.8
21		133 33.3	N16 17.6	324.7	-18.5
22		148 33.4	N16 16.9	339.3	-23.2
23		163 33.4	N16 16.2	354.9	-25.4
00	2027-08-08	178 33.5	N16 15.5	010.8	-24.9
01		193 33.6	N16 14.8	026.1	-21.8
02		208 33.7	N16 14.1	040.2	-16.3
03		223 33.7	N16 13.3	053.0	-09.1
04		238 33.8	N16 12.6	064.6	+00.1
05		253 33.9	N16 11.9	075.6	+09.0
06		268 34.0	N16 11.2	086.4	+18.8
07		283 34.1	N16 10.5	097.8	+28.7
08		298 34.1	N16 09.8	110.6	+38.4
09		313 34.2	N16 09.1	126.3	+47.2
10		328 34.3	N16 08.4	146.3	+54.1
11		343 34.4	N16 07.7	171.4	+57.7
12		358 34.5	N16 07.0	198.2	+56.9
13		13 34.6	N16 06.3	221.5	+51.9
14		28 34.6	N16 05.5	239.7	+44.1
15		43 34.7	N16 04.8	254.2	+34.9
16		58 34.8	N16 04.1	266.3	+25.1
17		73 34.9	N16 03.4	277.4	+15.1
18		88 35.0	N16 02.7	288.2	+05.4
19		103 35.1	N16 02.0	299.4	-03.9
20		118 35.1	N16 01.3	311.4	-12.0
21		133 35.2	N16 00.6	324.6	-18.7
22		148 35.3	N15 59.8	339.2	-23.4
23		163 35.4	N15 59.1	354.9	-25.7
00	2027-08-09	178 35.5	N15 58.4	010.9	-25.2
01		193 35.6	N15 57.7	026.2	-22.0
02		208 35.6	N15 57.0	040.4	-16.5
03		223 35.7	N15 56.3	053.2	-09.3
04		238 35.8	N15 55.5	064.8	-00.1
05		253 35.9	N15 54.8	075.8	+08.8
06		268 36.0	N15 54.1	086.7	+18.6
07		283 36.1	N15 53.4	098.0	+28.5
08		298 36.2	N15 52.7	110.9	+38.2
09		313 36.3	N15 52.0	126.5	+47.0
10		328 36.3	N15 51.2	146.6	+53.8
11		343 36.4	N15 50.5	171.5	+57.4
12		358 36.5	N15 49.8	198.1	+56.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		13 36.6	N15 49.1	221.3	+51.6
14		28 36.7	N15 48.3	239.5	+43.9
15		43 36.8	N15 47.6	254.0	+34.7
16		58 36.9	N15 46.9	266.2	+24.8
17		73 37.0	N15 46.2	277.2	+14.9
18		88 37.1	N15 45.5	288.1	+05.2
19		103 37.1	N15 44.7	299.2	-04.1
20		118 37.2	N15 44.0	311.3	-12.3
21		133 37.3	N15 43.3	324.5	-19.0
22		148 37.4	N15 42.6	339.2	-23.7
23		163 37.5	N15 41.8	354.9	-26.0
00	2027-08-10	178 37.6	N15 41.1	011.0	-25.5
01		193 37.7	N15 40.4	026.4	-22.3
02		208 37.8	N15 39.6	040.5	-16.8
03		223 37.9	N15 38.9	053.4	-09.5
04		238 38.0	N15 38.2	065.0	-00.3
05		253 38.1	N15 37.5	076.0	+08.6
06		268 38.1	N15 36.7	086.9	+18.4
07		283 38.2	N15 36.0	098.3	+28.4
08		298 38.3	N15 35.3	111.2	+38.0
09		313 38.4	N15 34.5	126.8	+46.7
10		328 38.5	N15 33.8	146.8	+53.6
11		343 38.6	N15 33.1	171.6	+57.2
12		358 38.7	N15 32.4	198.0	+56.3
13		13 38.8	N15 31.6	221.2	+51.3
14		28 38.9	N15 30.9	239.3	+43.6
15		43 39.0	N15 30.2	253.8	+34.4
16		58 39.1	N15 29.4	266.0	+24.6
17		73 39.2	N15 28.7	277.1	+14.6
18		88 39.3	N15 28.0	287.9	+05.0
19		103 39.4	N15 27.2	299.1	-04.4
20		118 39.5	N15 26.5	311.1	-12.6
21		133 39.6	N15 25.8	324.4	-19.3
22		148 39.7	N15 25.0	339.2	-24.0
23		163 39.8	N15 24.3	354.9	-26.3
00	2027-08-11	178 39.9	N15 23.5	011.0	-25.8
01		193 40.0	N15 22.8	026.5	-22.6
02		208 40.1	N15 22.1	040.7	-17.0
03		223 40.2	N15 21.3	053.5	-09.7
04		238 40.3	N15 20.6	065.2	-01.1
05		253 40.4	N15 19.9	076.3	+08.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		268 40.5	N15 19.1	087.1	+18.2
07		283 40.6	N15 18.4	098.6	+28.2
08		298 40.6	N15 17.6	111.5	+37.8
09		313 40.7	N15 16.9	127.1	+46.5
10		328 40.8	N15 16.2	147.0	+53.3
11		343 40.9	N15 15.4	171.7	+56.9
12		358 41.0	N15 14.7	198.0	+56.0
13		13 41.2	N15 13.9	221.0	+51.0
14		28 41.3	N15 13.2	239.1	+43.3
15		43 41.4	N15 12.4	253.6	+34.2
16		58 41.5	N15 11.7	265.8	+24.4
17		73 41.6	N15 11.0	276.9	+14.4
18		88 41.7	N15 10.2	287.7	+04.7
19		103 41.8	N15 09.5	298.9	-04.6
20		118 41.9	N15 08.7	311.0	-12.8
21		133 42.0	N15 08.0	324.4	-19.6
22		148 42.1	N15 07.2	339.1	-24.3
23		163 42.2	N15 06.5	355.0	-26.6
00	2027-08-12	178 42.3	N15 05.7	011.1	-26.1
01		193 42.4	N15 05.0	026.6	-22.8
02		208 42.5	N15 04.3	040.9	-17.3
03		223 42.6	N15 03.5	053.8	-09.9
04		238 42.7	N15 02.8	065.5	-01.3
05		253 42.8	N15 02.0	076.5	+08.2
06		268 42.9	N15 01.3	087.4	+18.0
07		283 43.0	N15 00.5	098.8	+28.0
08		298 43.1	N14 59.8	111.7	+37.6
09		313 43.2	N14 59.0	127.4	+46.3
10		328 43.3	N14 58.3	147.3	+53.1
11		343 43.4	N14 57.5	171.8	+56.6
12		358 43.5	N14 56.8	198.0	+55.7
13		13 43.6	N14 56.0	220.8	+50.8
14		28 43.7	N14 55.3	238.9	+43.1
15		43 43.9	N14 54.5	253.4	+33.9
16		58 44.0	N14 53.7	265.6	+24.1
17		73 44.1	N14 53.0	276.7	+14.2
18		88 44.2	N14 52.2	287.6	+04.5
19		103 44.3	N14 51.5	298.8	-04.9
20		118 44.4	N14 50.7	310.9	-13.1
21		133 44.5	N14 50.0	324.3	-19.9
22		148 44.6	N14 49.2	339.1	-24.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		163 44.7	N14 48.5	355.0	-26.9
00	2027-08-13	178 44.8	N14 47.7	011.2	-26.4
01		193 44.9	N14 46.9	026.8	-23.1
02		208 45.0	N14 46.2	041.1	-17.5
03		223 45.2	N14 45.4	054.0	-10.2
04		238 45.3	N14 44.7	065.7	-01.5
05		253 45.4	N14 43.9	076.7	+08.0
06		268 45.5	N14 43.2	087.6	+17.8
07		283 45.6	N14 42.4	099.1	+27.8
08		298 45.7	N14 41.6	112.0	+37.4
09		313 45.8	N14 40.9	127.7	+46.1
10		328 45.9	N14 40.1	147.5	+52.8
11		343 46.0	N14 39.4	172.0	+56.3
12		358 46.2	N14 38.6	197.9	+55.4
13		13 46.3	N14 37.8	220.7	+50.5
14		28 46.4	N14 37.1	238.7	+42.8
15		43 46.5	N14 36.3	253.2	+33.7
16		58 46.6	N14 35.5	265.4	+23.9
17		73 46.7	N14 34.8	276.5	+13.9
18		88 46.8	N14 34.0	287.4	+04.2
19		103 47.0	N14 33.3	298.6	-05.2
20		118 47.1	N14 32.5	310.8	-13.4
21		133 47.2	N14 31.7	324.2	-20.2
22		148 47.3	N14 31.0	339.0	-24.9
23		163 47.4	N14 30.2	355.0	-27.2
00	2027-08-14	178 47.5	N14 29.4	011.3	-26.7
01		193 47.6	N14 28.7	026.9	-23.4
02		208 47.8	N14 27.9	041.3	-17.8
03		223 47.9	N14 27.1	054.2	-10.4
04		238 48.0	N14 26.4	065.9	-01.7
05		253 48.1	N14 25.6	077.0	+07.8
06		268 48.2	N14 24.8	087.9	+17.7
07		283 48.3	N14 24.1	099.4	+27.6
08		298 48.5	N14 23.3	112.3	+37.2
09		313 48.6	N14 22.5	128.0	+45.8
10		328 48.7	N14 21.7	147.8	+52.5
11		343 48.8	N14 21.0	172.1	+56.0
12		358 48.9	N14 20.2	197.9	+55.1
13		13 49.0	N14 19.4	220.5	+50.2
14		28 49.2	N14 18.7	238.5	+42.5
15		43 49.3	N14 17.9	253.0	+33.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		58 49.4	N14 17.1	265.2	+23.6
17		73 49.5	N14 16.3	276.3	+13.6
18		88 49.6	N14 15.6	287.2	+04.0
19		103 49.8	N14 14.8	298.5	-05.4
20		118 49.9	N14 14.0	310.6	-13.7
21		133 50.0	N14 13.3	324.1	-20.5
22		148 50.1	N14 12.5	339.0	-25.2
23		163 50.2	N14 11.7	355.1	-27.5
00	2027-08-15	178 50.4	N14 10.9	011.4	-27.0
01		193 50.5	N14 10.2	027.1	-23.7
02		208 50.6	N14 09.4	041.5	-18.0
03		223 50.7	N14 08.6	054.4	-10.6
04		238 50.9	N14 07.8	066.1	-02.0
05		253 51.0	N14 07.0	077.2	+07.6
06		268 51.1	N14 06.3	088.1	+17.5
07		283 51.2	N14 05.5	099.6	+27.4
08		298 51.3	N14 04.7	112.6	+37.0
09		313 51.5	N14 03.9	128.3	+45.6
10		328 51.6	N14 03.2	148.1	+52.3
11		343 51.7	N14 02.4	172.2	+55.7
12		358 51.8	N14 01.6	197.8	+54.8
13		13 52.0	N14 00.8	220.4	+49.9
14		28 52.1	N14 00.0	238.4	+42.3
15		43 52.2	N13 59.2	252.8	+33.2
16		58 52.3	N13 58.5	265.0	+23.4
17		73 52.5	N13 57.7	276.2	+13.4
18		88 52.6	N13 56.9	287.1	+03.7
19		103 52.7	N13 56.1	298.3	-05.7
20		118 52.8	N13 55.3	310.5	-14.0
21		133 53.0	N13 54.6	324.0	-20.8
22		148 53.1	N13 53.8	339.0	-25.6
23		163 53.2	N13 53.0	355.1	-27.8
00	2027-08-16	178 53.3	N13 52.2	011.5	-27.3
01		193 53.5	N13 51.4	027.2	-23.9
02		208 53.6	N13 50.6	041.6	-18.3
03		223 53.7	N13 49.8	054.6	-10.9
04		238 53.8	N13 49.1	066.4	-02.2
05		253 54.0	N13 48.3	077.5	+07.4
06		268 54.1	N13 47.5	088.4	+17.3
07		283 54.2	N13 46.7	099.9	+27.2
08		298 54.4	N13 45.9	112.9	+36.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		313 54.5	N13 45.1	128.6	+45.4
10		328 54.6	N13 44.3	148.3	+52.0
11		343 54.7	N13 43.5	172.4	+55.4
12		358 54.9	N13 42.8	197.8	+54.5
13		13 55.0	N13 42.0	220.2	+49.6
14		28 55.1	N13 41.2	238.2	+42.0
15		43 55.3	N13 40.4	252.5	+32.9
16		58 55.4	N13 39.6	264.8	+23.1
17		73 55.5	N13 38.8	276.0	+13.1
18		88 55.7	N13 38.0	286.9	+03.5
19		103 55.8	N13 37.2	298.2	-06.0
20		118 55.9	N13 36.4	310.4	-14.3
21		133 56.0	N13 35.6	323.9	-21.1
22		148 56.2	N13 34.8	338.9	-25.9
23		163 56.3	N13 34.0	355.1	-28.1
00	2027-08-17	178 56.4	N13 33.3	011.6	-27.6
01		193 56.6	N13 32.5	027.4	-24.2
02		208 56.7	N13 31.7	041.8	-18.6
03		223 56.8	N13 30.9	054.8	-11.1
04		238 57.0	N13 30.1	066.6	-02.4
05		253 57.1	N13 29.3	077.7	+07.2
06		268 57.2	N13 28.5	088.7	+17.1
07		283 57.4	N13 27.7	100.2	+27.0
08		298 57.5	N13 26.9	113.2	+36.6
09		313 57.6	N13 26.1	128.9	+45.1
10		328 57.8	N13 25.3	148.6	+51.7
11		343 57.9	N13 24.5	172.5	+55.1
12		358 58.0	N13 23.7	197.8	+54.1
13		13 58.2	N13 22.9	220.1	+49.3
14		28 58.3	N13 22.1	238.0	+41.7
15		43 58.4	N13 21.3	252.3	+32.6
16		58 58.6	N13 20.5	264.6	+22.8
17		73 58.7	N13 19.7	275.8	+12.9
18		88 58.9	N13 18.9	286.7	+03.2
19		103 59.0	N13 18.1	298.0	-06.3
20		118 59.1	N13 17.3	310.3	-14.6
21		133 59.3	N13 16.5	323.8	-21.4
22		148 59.4	N13 15.7	338.9	-26.2
23		163 59.5	N13 14.9	355.2	-28.5
00	2027-08-18	178 59.7	N13 14.1	011.7	-27.9
01		193 59.8	N13 13.3	027.6	-24.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		208 60.0	N13 12.5	042.0	-18.8
03		224 00.1	N13 11.7	055.0	-11.3
04		239 00.2	N13 10.9	066.9	-02.6
05		254 00.4	N13 10.1	078.0	+07.0
06		269 00.5	N13 09.3	088.9	+16.9
07		284 00.6	N13 08.5	100.5	+26.8
08		299 00.8	N13 07.7	113.5	+36.3
09		314 00.9	N13 06.9	129.2	+44.9
10		329 01.1	N13 06.0	148.8	+51.4
11		344 01.2	N13 05.2	172.7	+54.7
12		359 01.3	N13 04.4	197.8	+53.8
13		14 01.5	N13 03.6	219.9	+48.9
14		29 01.6	N13 02.8	237.8	+41.4
15		44 01.8	N13 02.0	252.1	+32.3
16		59 01.9	N13 01.2	264.4	+22.6
17		74 02.0	N13 00.4	275.6	+12.6
18		89 02.2	N12 59.6	286.5	+02.9
19		104 02.3	N12 58.8	297.9	-06.6
20		119 02.5	N12 58.0	310.1	-14.9
21		134 02.6	N12 57.2	323.7	-21.7
22		149 02.8	N12 56.3	338.9	-26.5
23		164 02.9	N12 55.5	355.2	-28.8
00	2027-08-19	179 03.0	N12 54.7	011.8	-28.2
01		194 03.2	N12 53.9	027.7	-24.8
02		209 03.3	N12 53.1	042.3	-19.1
03		224 03.5	N12 52.3	055.3	-11.6
04		239 03.6	N12 51.5	067.1	-02.8
05		254 03.8	N12 50.7	078.2	+06.8
06		269 03.9	N12 49.8	089.2	+16.7
07		284 04.0	N12 49.0	100.8	+26.6
08		299 04.2	N12 48.2	113.8	+36.1
09		314 04.3	N12 47.4	129.5	+44.6
10		329 04.5	N12 46.6	149.1	+51.1
11		344 04.6	N12 45.8	172.8	+54.4
12		359 04.8	N12 45.0	197.7	+53.5
13		14 04.9	N12 44.1	219.8	+48.6
14		29 05.1	N12 43.3	237.6	+41.1
15		44 05.2	N12 42.5	251.9	+32.1
16		59 05.3	N12 41.7	264.2	+22.3
17		74 05.5	N12 40.9	275.4	+12.3
18		89 05.6	N12 40.1	286.4	+02.7
19		104 05.8	N12 39.2	297.7	-06.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		119 05.9	N12 38.4	310.0	-15.2
21		134 06.1	N12 37.6	323.7	-22.0
22		149 06.2	N12 36.8	338.9	-26.9
23		164 06.4	N12 36.0	355.2	-29.1
00	2027-08-20	179 06.5	N12 35.1	011.9	-28.5
01		194 06.7	N12 34.3	027.9	-25.1
02		209 06.8	N12 33.5	042.5	-19.3
03		224 07.0	N12 32.7	055.5	-11.8
04		239 07.1	N12 31.9	067.4	-03.0
05		254 07.3	N12 31.0	078.5	+06.6
06		269 07.4	N12 30.2	089.5	+16.5
07		284 07.6	N12 29.4	101.1	+26.4
08		299 07.7	N12 28.6	114.1	+35.9
09		314 07.9	N12 27.8	129.8	+44.4
10		329 08.0	N12 26.9	149.4	+50.9
11		344 08.2	N12 26.1	172.9	+54.1
12		359 08.3	N12 25.3	197.7	+53.1
13		14 08.5	N12 24.5	219.7	+48.3
14		29 08.6	N12 23.6	237.4	+40.8
15		44 08.8	N12 22.8	251.7	+31.8
16		59 08.9	N12 22.0	264.0	+22.0
17		74 09.1	N12 21.2	275.2	+12.0
18		89 09.2	N12 20.3	286.2	+02.4
19		104 09.4	N12 19.5	297.6	-07.1
20		119 09.5	N12 18.7	309.9	-15.5
21		134 09.7	N12 17.9	323.6	-22.3
22		149 09.8	N12 17.0	338.8	-27.2
23		164 10.0	N12 16.2	355.3	-29.4
00	2027-08-21	179 10.1	N12 15.4	012.1	-28.8
01		194 10.3	N12 14.5	028.1	-25.4
02		209 10.4	N12 13.7	042.7	-19.6
03		224 10.6	N12 12.9	055.8	-12.0
04		239 10.7	N12 12.1	067.6	-03.3
05		254 10.9	N12 11.2	078.7	+06.4
06		269 11.0	N12 10.4	089.8	+16.3
07		284 11.2	N12 09.6	101.4	+26.2
08		299 11.3	N12 08.7	114.4	+35.7
09		314 11.5	N12 07.9	130.1	+44.1
10		329 11.7	N12 07.1	149.6	+50.6
11		344 11.8	N12 06.2	173.1	+53.8
12		359 12.0	N12 05.4	197.7	+52.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		14 12.1	N12 04.6	219.5	+48.0
14		29 12.3	N12 03.7	237.2	+40.5
15		44 12.4	N12 02.9	251.6	+31.5
16		59 12.6	N12 02.1	263.8	+21.7
17		74 12.7	N12 01.2	275.0	+11.8
18		89 12.9	N12 00.4	286.0	+02.1
19		104 13.1	N11 59.6	297.4	-07.4
20		119 13.2	N11 58.7	309.7	-15.8
21		134 13.4	N11 57.9	323.5	-22.7
22		149 13.5	N11 57.1	338.8	-27.5
23		164 13.7	N11 56.2	355.3	-29.8
00	2027-08-22	179 13.8	N11 55.4	012.2	-29.1
01		194 14.0	N11 54.6	028.3	-25.7
02		209 14.2	N11 53.7	042.9	-19.9
03		224 14.3	N11 52.9	056.0	-12.3
04		239 14.5	N11 52.1	067.9	-03.5
05		254 14.6	N11 51.2	079.0	+06.2
06		269 14.8	N11 50.4	090.1	+16.1
07		284 14.9	N11 49.5	101.7	+26.0
08		299 15.1	N11 48.7	114.7	+35.5
09		314 15.3	N11 47.9	130.4	+43.9
10		329 15.4	N11 47.0	149.9	+50.3
11		344 15.6	N11 46.2	173.2	+53.4
12		359 15.7	N11 45.3	197.7	+52.5
13		14 15.9	N11 44.5	219.4	+47.7
14		29 16.1	N11 43.7	237.0	+40.2
15		44 16.2	N11 42.8	251.4	+31.2
16		59 16.4	N11 42.0	263.6	+21.4
17		74 16.5	N11 41.1	274.9	+11.5
18		89 16.7	N11 40.3	285.9	+01.9
19		104 16.9	N11 39.5	297.3	-07.8
20		119 17.0	N11 38.6	309.6	-16.1
21		134 17.2	N11 37.8	323.4	-23.0
22		149 17.3	N11 36.9	338.8	-27.9
23		164 17.5	N11 36.1	355.4	-30.1
00	2027-08-23	179 17.7	N11 35.2	012.3	-29.5
01		194 17.8	N11 34.4	028.5	-26.0
02		209 18.0	N11 33.5	043.1	-20.1
03		224 18.1	N11 32.7	056.2	-12.5
04		239 18.3	N11 31.9	068.1	-03.7
05		254 18.5	N11 31.0	079.3	+06.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		269 18.6	N11 30.2	090.3	+15.9
07		284 18.8	N11 29.3	102.0	+25.8
08		299 19.0	N11 28.5	115.1	+35.2
09		314 19.1	N11 27.6	130.7	+43.6
10		329 19.3	N11 26.8	150.2	+50.0
11		344 19.5	N11 25.9	173.4	+53.1
12		359 19.6	N11 25.1	197.7	+52.1
13		14 19.8	N11 24.2	219.3	+47.3
14		29 19.9	N11 23.4	236.8	+39.9
15		44 20.1	N11 22.5	251.2	+30.9
16		59 20.3	N11 21.7	263.4	+21.1
17		74 20.4	N11 20.8	274.7	+11.2
18		89 20.6	N11 20.0	285.7	+01.6
19		104 20.8	N11 19.1	297.1	-08.1
20		119 20.9	N11 18.3	309.5	-16.4
21		134 21.1	N11 17.4	323.3	-23.3
22		149 21.3	N11 16.6	338.7	-28.2
23		164 21.4	N11 15.7	355.4	-30.5
00	2027-08-24	179 21.6	N11 14.9	012.4	-29.8
01		194 21.8	N11 14.0	028.7	-26.3
02		209 21.9	N11 13.2	043.4	-20.4
03		224 22.1	N11 12.3	056.5	-12.8
04		239 22.3	N11 11.5	068.4	-03.9
05		254 22.4	N11 10.6	079.6	+05.8
06		269 22.6	N11 09.8	090.6	+15.7
07		284 22.8	N11 08.9	102.3	+25.6
08		299 22.9	N11 08.1	115.4	+35.0
09		314 23.1	N11 07.2	131.1	+43.4
10		329 23.3	N11 06.4	150.5	+49.7
11		344 23.4	N11 05.5	173.5	+52.8
12		359 23.6	N11 04.7	197.7	+51.8
13		14 23.8	N11 03.8	219.1	+47.0
14		29 23.9	N11 02.9	236.7	+39.6
15		44 24.1	N11 02.1	251.0	+30.6
16		59 24.3	N11 01.2	263.2	+20.8
17		74 24.4	N11 00.4	274.5	+10.9
18		89 24.6	N10 59.5	285.5	+01.3
19		104 24.8	N10 58.7	296.9	-08.4
20		119 25.0	N10 57.8	309.4	-16.8
21		134 25.1	N10 56.9	323.2	-23.7
22		149 25.3	N10 56.1	338.7	-28.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		164 25.5	N10 55.2	355.5	-30.8
00	2027-08-25	179 25.6	N10 54.4	012.6	-30.1
01		194 25.8	N10 53.5	028.8	-26.6
02		209 26.0	N10 52.6	043.6	-20.7
03		224 26.1	N10 51.8	056.8	-13.0
04		239 26.3	N10 50.9	068.7	-04.1
05		254 26.5	N10 50.1	079.8	+05.6
06		269 26.7	N10 49.2	090.9	+15.5
07		284 26.8	N10 48.3	102.6	+25.4
08		299 27.0	N10 47.5	115.7	+34.8
09		314 27.2	N10 46.6	131.4	+43.1
10		329 27.3	N10 45.8	150.7	+49.4
11		344 27.5	N10 44.9	173.7	+52.4
12		359 27.7	N10 44.0	197.7	+51.4
13		14 27.9	N10 43.2	219.0	+46.7
14		29 28.0	N10 42.3	236.5	+39.2
15		44 28.2	N10 41.4	250.8	+30.3
16		59 28.4	N10 40.6	263.0	+20.5
17		74 28.6	N10 39.7	274.3	+10.6
18		89 28.7	N10 38.9	285.3	+01.0
19		104 28.9	N10 38.0	296.8	-08.7
20		119 29.1	N10 37.1	309.2	-17.1
21		134 29.2	N10 36.3	323.1	-24.0
22		149 29.4	N10 35.4	338.7	-28.9
23		164 29.6	N10 34.5	355.6	-31.2
00	2027-08-26	179 29.8	N10 33.7	012.7	-30.4
01		194 29.9	N10 32.8	029.0	-26.9
02		209 30.1	N10 31.9	043.8	-21.0
03		224 30.3	N10 31.1	057.0	-13.3
04		239 30.5	N10 30.2	068.9	-04.4
05		254 30.6	N10 29.3	080.1	+05.4
06		269 30.8	N10 28.5	091.2	+15.3
07		284 31.0	N10 27.6	102.9	+25.1
08		299 31.2	N10 26.7	116.0	+34.5
09		314 31.3	N10 25.9	131.7	+42.8
10		329 31.5	N10 25.0	151.0	+49.1
11		344 31.7	N10 24.1	173.9	+52.1
12		359 31.9	N10 23.2	197.6	+51.1
13		14 32.0	N10 22.4	218.9	+46.3
14		29 32.2	N10 21.5	236.3	+38.9
15		44 32.4	N10 20.6	250.6	+30.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		59 32.6	N10 19.8	262.8	+20.2
17		74 32.8	N10 18.9	274.1	+10.3
18		89 32.9	N10 18.0	285.2	+00.8
19		104 33.1	N10 17.2	296.6	-09.0
20		119 33.3	N10 16.3	309.1	-17.4
21		134 33.5	N10 15.4	323.1	-24.4
22		149 33.6	N10 14.5	338.7	-29.3
23		164 33.8	N10 13.7	355.6	-31.5
00	2027-08-27	179 34.0	N10 12.8	012.9	-30.8
01		194 34.2	N10 11.9	029.2	-27.2
02		209 34.4	N10 11.0	044.1	-21.2
03		224 34.5	N10 10.2	057.3	-13.5
04		239 34.7	N10 09.3	069.2	-04.6
05		254 34.9	N10 08.4	080.4	+05.2
06		269 35.1	N10 07.5	091.5	+15.1
07		284 35.3	N10 06.7	103.2	+24.9
08		299 35.4	N10 05.8	116.3	+34.3
09		314 35.6	N10 04.9	132.0	+42.6
10		329 35.8	N10 04.0	151.3	+48.8
11		344 36.0	N10 03.2	174.0	+51.8
12		359 36.1	N10 02.3	197.6	+50.7
13		14 36.3	N10 01.4	218.8	+46.0
14		29 36.5	N10 00.5	236.1	+38.6
15		44 36.7	N09 59.7	250.4	+29.6
16		59 36.9	N09 58.8	262.6	+19.9
17		74 37.1	N09 57.9	273.9	+10.0
18		89 37.2	N09 57.0	285.0	+00.5
19		104 37.4	N09 56.2	296.5	-09.3
20		119 37.6	N09 55.3	309.0	-17.8
21		134 37.8	N09 54.4	323.0	-24.7
22		149 38.0	N09 53.5	338.7	-29.6
23		164 38.1	N09 52.6	355.7	-31.9
00	2027-08-28	179 38.3	N09 51.8	013.0	-31.1
01		194 38.5	N09 50.9	029.5	-27.5
02		209 38.7	N09 50.0	044.3	-21.5
03		224 38.9	N09 49.1	057.5	-13.8
04		239 39.1	N09 48.2	069.5	-04.8
05		254 39.2	N09 47.4	080.7	+05.0
06		269 39.4	N09 46.5	091.8	+14.8
07		284 39.6	N09 45.6	103.5	+24.7
08		299 39.8	N09 44.7	116.7	+34.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		314 40.0	N09 43.8	132.3	+42.3
10		329 40.2	N09 42.9	151.6	+48.5
11		344 40.3	N09 42.1	174.2	+51.4
12		359 40.5	N09 41.2	197.6	+50.4
13		14 40.7	N09 40.3	218.6	+45.6
14		29 40.9	N09 39.4	235.9	+38.2
15		44 41.1	N09 38.5	250.2	+29.3
16		59 41.3	N09 37.6	262.5	+19.6
17		74 41.4	N09 36.8	273.7	+09.7
18		89 41.6	N09 35.9	284.8	+00.2
19		104 41.8	N09 35.0	296.3	-09.7
20		119 42.0	N09 34.1	308.8	-18.1
21		134 42.2	N09 33.2	322.9	-25.1
22		149 42.4	N09 32.3	338.6	-30.0
23		164 42.5	N09 31.4	355.7	-32.2
00	2027-08-29	179 42.7	N09 30.6	013.1	-31.5
01		194 42.9	N09 29.7	029.7	-27.8
02		209 43.1	N09 28.8	044.6	-21.8
03		224 43.3	N09 27.9	057.8	-14.0
04		239 43.5	N09 27.0	069.8	-05.0
05		254 43.7	N09 26.1	081.0	+04.8
06		269 43.9	N09 25.2	092.1	+14.6
07		284 44.0	N09 24.4	103.8	+24.5
08		299 44.2	N09 23.5	117.0	+33.8
09		314 44.4	N09 22.6	132.7	+42.0
10		329 44.6	N09 21.7	151.8	+48.2
11		344 44.8	N09 20.8	174.3	+51.1
12		359 45.0	N09 19.9	197.6	+50.0
13		14 45.2	N09 19.0	218.5	+45.3
14		29 45.3	N09 18.1	235.8	+37.9
15		44 45.5	N09 17.2	250.0	+29.0
16		59 45.7	N09 16.3	262.3	+19.3
17		74 45.9	N09 15.5	273.5	+09.4
18		89 46.1	N09 14.6	284.6	-00.0
19		104 46.3	N09 13.7	296.1	-10.0
20		119 46.5	N09 12.8	308.7	-18.4
21		134 46.7	N09 11.9	322.8	-25.4
22		149 46.9	N09 11.0	338.6	-30.3
23		164 47.0	N09 10.1	355.8	-32.6
00	2027-08-30	179 47.2	N09 09.2	013.3	-31.8
01		194 47.4	N09 08.3	029.9	-28.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		209 47.6	N09 07.4	044.8	-22.1
03		224 47.8	N09 06.5	058.1	-14.3
04		239 48.0	N09 05.6	070.1	-05.3
05		254 48.2	N09 04.8	081.3	+04.6
06		269 48.4	N09 03.9	092.4	+14.4
07		284 48.6	N09 03.0	104.1	+24.3
08		299 48.7	N09 02.1	117.3	+33.6
09		314 48.9	N09 01.2	133.0	+41.8
10		329 49.1	N09 00.3	152.1	+47.8
11		344 49.3	N08 59.4	174.5	+50.7
12		359 49.5	N08 58.5	197.6	+49.6
13		14 49.7	N08 57.6	218.4	+44.9
14		29 49.9	N08 56.7	235.6	+37.6
15		44 50.1	N08 55.8	249.8	+28.7
16		59 50.3	N08 54.9	262.1	+19.0
17		74 50.5	N08 54.0	273.4	+09.1
18		89 50.7	N08 53.1	284.5	-00.3
19		104 50.9	N08 52.2	296.0	-10.3
20		119 51.0	N08 51.3	308.6	-18.8
21		134 51.2	N08 50.4	322.7	-25.8
22		149 51.4	N08 49.5	338.6	-30.7
23		164 51.6	N08 48.6	355.9	-32.9
00	2027-08-31	179 51.8	N08 47.7	013.5	-32.1
01		194 52.0	N08 46.8	030.1	-28.4
02		209 52.2	N08 45.9	045.1	-22.3
03		224 52.4	N08 45.0	058.4	-14.5
04		239 52.6	N08 44.1	070.3	-05.5
05		254 52.8	N08 43.2	081.6	+04.4
06		269 53.0	N08 42.3	092.7	+14.2
07		284 53.2	N08 41.4	104.5	+24.0
08		299 53.4	N08 40.5	117.7	+33.4
09		314 53.6	N08 39.6	133.3	+41.5
10		329 53.7	N08 38.7	152.4	+47.5
11		344 53.9	N08 37.8	174.6	+50.4
12		359 54.1	N08 36.9	197.6	+49.3
13		14 54.3	N08 36.0	218.3	+44.5
14		29 54.5	N08 35.1	235.4	+37.2
15		44 54.7	N08 34.2	249.6	+28.4
16		59 54.9	N08 33.3	261.9	+18.7
17		74 55.1	N08 32.4	273.2	+08.7
18		89 55.3	N08 31.5	284.3	-01.2
19		104 55.5	N08 30.6	295.8	-10.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		119 55.7	N08 29.7	308.4	-19.1
21		134 55.9	N08 28.8	322.6	-26.1
22		149 56.1	N08 27.9	338.6	-31.1
23		164 56.3	N08 27.0	355.9	-33.3
00	2027-09-01	179 56.5	N08 26.1	013.6	-32.5
01		194 56.7	N08 25.2	030.3	-28.7
02		209 56.9	N08 24.3	045.3	-22.6
03		224 57.1	N08 23.4	058.6	-14.8
04		239 57.3	N08 22.5	070.6	-05.7
05		254 57.5	N08 21.6	081.9	+04.2
06		269 57.6	N08 20.7	093.0	+14.0
07		284 57.8	N08 19.8	104.8	+23.8
08		299 58.0	N08 18.9	118.0	+33.1
09		314 58.2	N08 17.9	133.6	+41.2
10		329 58.4	N08 17.0	152.7	+47.2
11		344 58.6	N08 16.1	174.8	+50.0
12		359 58.8	N08 15.2	197.6	+48.9
13		14 59.0	N08 14.3	218.2	+44.2
14		29 59.2	N08 13.4	235.3	+36.9
15		44 59.4	N08 12.5	249.4	+28.0
16		59 59.6	N08 11.6	261.7	+18.4
17		74 59.8	N08 10.7	273.0	+08.4
18		90 00.0	N08 09.8	284.1	-01.6
19		105 00.2	N08 08.9	295.7	-11.0
20		120 00.4	N08 08.0	308.3	-19.5
21		135 00.6	N08 07.1	322.5	-26.5
22		150 00.8	N08 06.1	338.6	-31.4
23		165 01.0	N08 05.2	356.0	-33.7
00	2027-09-02	180 01.2	N08 04.3	013.8	-32.8
01		195 01.4	N08 03.4	030.5	-29.1
02		210 01.6	N08 02.5	045.6	-22.9
03		225 01.8	N08 01.6	058.9	-15.0
04		240 02.0	N08 00.7	070.9	-06.0
05		255 02.2	N07 59.8	082.2	+03.9
06		270 02.4	N07 58.9	093.3	+13.8
07		285 02.6	N07 58.0	105.1	+23.6
08		300 02.8	N07 57.0	118.3	+32.9
09		315 03.0	N07 56.1	134.0	+40.9
10		330 03.2	N07 55.2	152.9	+46.9
11		345 03.4	N07 54.3	174.9	+49.6
12		0 03.6	N07 53.4	197.6	+48.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		15 03.8	N07 52.5	218.1	+43.8
14		30 04.0	N07 51.6	235.1	+36.5
15		45 04.2	N07 50.7	249.2	+27.7
16		60 04.4	N07 49.7	261.5	+18.0
17		75 04.6	N07 48.8	272.8	+08.1
18		90 04.8	N07 47.9	283.9	-01.9
19		105 05.0	N07 47.0	295.5	-11.3
20		120 05.2	N07 46.1	308.2	-19.8
21		135 05.4	N07 45.2	322.5	-26.9
22		150 05.6	N07 44.3	338.6	-31.8
23		165 05.8	N07 43.3	356.1	-34.0
00	2027-09-03	180 06.0	N07 42.4	013.9	-33.2
01		195 06.2	N07 41.5	030.8	-29.4
02		210 06.4	N07 40.6	045.9	-23.2
03		225 06.6	N07 39.7	059.2	-15.3
04		240 06.8	N07 38.8	071.2	-06.2
05		255 07.0	N07 37.9	082.5	+03.7
06		270 07.2	N07 36.9	093.7	+13.6
07		285 07.4	N07 36.0	105.4	+23.4
08		300 07.6	N07 35.1	118.6	+32.6
09		315 07.8	N07 34.2	134.3	+40.6
10		330 08.0	N07 33.3	153.2	+46.6
11		345 08.2	N07 32.4	175.1	+49.3
12		0 08.5	N07 31.4	197.7	+48.2
13		15 08.7	N07 30.5	218.0	+43.5
14		30 08.9	N07 29.6	234.9	+36.2
15		45 09.1	N07 28.7	249.0	+27.4
16		60 09.3	N07 27.8	261.3	+17.7
17		75 09.5	N07 26.8	272.6	+07.8
18		90 09.7	N07 25.9	283.7	-02.2
19		105 09.9	N07 25.0	295.3	-11.7
20		120 10.1	N07 24.1	308.0	-20.2
21		135 10.3	N07 23.2	322.4	-27.2
22		150 10.5	N07 22.2	338.5	-32.2
23		165 10.7	N07 21.3	356.2	-34.4
00	2027-09-04	180 10.9	N07 20.4	014.1	-33.5
01		195 11.1	N07 19.5	031.0	-29.7
02		210 11.3	N07 18.6	046.1	-23.5
03		225 11.5	N07 17.6	059.5	-15.5
04		240 11.7	N07 16.7	071.5	-06.4
05		255 11.9	N07 15.8	082.8	+03.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		270 12.1	N07 14.9	094.0	+13.3
07		285 12.3	N07 14.0	105.8	+23.1
08		300 12.5	N07 13.0	119.0	+32.4
09		315 12.7	N07 12.1	134.6	+40.4
10		330 13.0	N07 11.2	153.5	+46.2
11		345 13.2	N07 10.3	175.2	+48.9
12		0 13.4	N07 09.4	197.7	+47.8
13		15 13.6	N07 08.4	217.9	+43.1
14		30 13.8	N07 07.5	234.8	+35.8
15		45 14.0	N07 06.6	248.8	+27.0
16		60 14.2	N07 05.7	261.1	+17.4
17		75 14.4	N07 04.7	272.4	+07.5
18		90 14.6	N07 03.8	283.6	-02.6
19		105 14.8	N07 02.9	295.2	-12.0
20		120 15.0	N07 02.0	307.9	-20.5
21		135 15.2	N07 01.0	322.3	-27.6
22		150 15.4	N07 00.1	338.5	-32.6
23		165 15.6	N06 59.2	356.2	-34.8
00	2027-09-05	180 15.8	N06 58.3	014.3	-33.9
01		195 16.1	N06 57.3	031.2	-30.0
02		210 16.3	N06 56.4	046.4	-23.7
03		225 16.5	N06 55.5	059.8	-15.8
04		240 16.7	N06 54.6	071.8	-06.7
05		255 16.9	N06 53.6	083.1	+03.3
06		270 17.1	N06 52.7	094.3	+13.1
07		285 17.3	N06 51.8	106.1	+22.9
08		300 17.5	N06 50.9	119.3	+32.1
09		315 17.7	N06 49.9	134.9	+40.1
10		330 17.9	N06 49.0	153.7	+45.9
11		345 18.1	N06 48.1	175.4	+48.6
12		0 18.3	N06 47.2	197.7	+47.4
13		15 18.6	N06 46.2	217.8	+42.7
14		30 18.8	N06 45.3	234.6	+35.5
15		45 19.0	N06 44.4	248.7	+26.7
16		60 19.2	N06 43.5	260.9	+17.1
17		75 19.4	N06 42.5	272.2	+07.1
18		90 19.6	N06 41.6	283.4	-02.9
19		105 19.8	N06 40.7	295.0	-12.3
20		120 20.0	N06 39.7	307.8	-20.9
21		135 20.2	N06 38.8	322.2	-28.0
22		150 20.4	N06 37.9	338.5	-32.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		165 20.6	N06 37.0	356.3	-35.1
00	2027-09-06	180 20.9	N06 36.0	014.4	-34.2
01		195 21.1	N06 35.1	031.5	-30.3
02		210 21.3	N06 34.2	046.7	-24.0
03		225 21.5	N06 33.2	060.1	-16.0
04		240 21.7	N06 32.3	072.1	-06.9
05		255 21.9	N06 31.4	083.4	+03.1
06		270 22.1	N06 30.4	094.6	+12.9
07		285 22.3	N06 29.5	106.4	+22.7
08		300 22.5	N06 28.6	119.7	+31.9
09		315 22.8	N06 27.7	135.3	+39.8
10		330 23.0	N06 26.7	154.0	+45.6
11		345 23.2	N06 25.8	175.6	+48.2
12		0 23.4	N06 24.9	197.7	+47.0
13		15 23.6	N06 23.9	217.7	+42.3
14		30 23.8	N06 23.0	234.4	+35.1
15		45 24.0	N06 22.1	248.5	+26.3
16		60 24.2	N06 21.1	260.7	+16.7
17		75 24.4	N06 20.2	272.0	+06.8
18		90 24.7	N06 19.3	283.2	-03.2
19		105 24.9	N06 18.3	294.9	-12.7
20		120 25.1	N06 17.4	307.6	-21.2
21		135 25.3	N06 16.5	322.1	-28.4
22		150 25.5	N06 15.5	338.5	-33.3
23		165 25.7	N06 14.6	356.4	-35.5
00	2027-09-07	180 25.9	N06 13.7	014.6	-34.6
01		195 26.1	N06 12.7	031.7	-30.6
02		210 26.4	N06 11.8	047.0	-24.3
03		225 26.6	N06 10.9	060.4	-16.3
04		240 26.8	N06 09.9	072.4	-07.1
05		255 27.0	N06 09.0	083.7	+02.9
06		270 27.2	N06 08.1	094.9	+12.7
07		285 27.4	N06 07.1	106.7	+22.5
08		300 27.6	N06 06.2	120.0	+31.6
09		315 27.8	N06 05.3	135.6	+39.5
10		330 28.1	N06 04.3	154.3	+45.2
11		345 28.3	N06 03.4	175.7	+47.8
12		0 28.5	N06 02.5	197.7	+46.6
13		15 28.7	N06 01.5	217.5	+42.0
14		30 28.9	N06 00.6	234.3	+34.8
15		45 29.1	N05 59.6	248.3	+26.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		60 29.3	N05 58.7	260.5	+16.4
17		75 29.6	N05 57.8	271.9	+06.5
18		90 29.8	N05 56.8	283.0	-03.6
19		105 30.0	N05 55.9	294.7	-13.0
20		120 30.2	N05 55.0	307.5	-21.6
21		135 30.4	N05 54.0	322.0	-28.7
22		150 30.6	N05 53.1	338.5	-33.7
23		165 30.8	N05 52.2	356.5	-35.9
00	2027-09-08	180 31.1	N05 51.2	014.8	-34.9
01		195 31.3	N05 50.3	032.0	-31.0
02		210 31.5	N05 49.3	047.3	-24.6
03		225 31.7	N05 48.4	060.7	-16.5
04		240 31.9	N05 47.5	072.7	-07.4
05		255 32.1	N05 46.5	084.0	+02.7
06		270 32.3	N05 45.6	095.3	+12.5
07		285 32.6	N05 44.6	107.1	+22.2
08		300 32.8	N05 43.7	120.3	+31.4
09		315 33.0	N05 42.8	135.9	+39.2
10		330 33.2	N05 41.8	154.6	+44.9
11		345 33.4	N05 40.9	175.9	+47.5
12		0 33.6	N05 39.9	197.7	+46.3
13		15 33.8	N05 39.0	217.4	+41.6
14		30 34.1	N05 38.1	234.1	+34.4
15		45 34.3	N05 37.1	248.1	+25.7
16		60 34.5	N05 36.2	260.3	+16.0
17		75 34.7	N05 35.2	271.7	+06.2
18		90 34.9	N05 34.3	282.8	-03.9
19		105 35.1	N05 33.4	294.5	-13.4
20		120 35.4	N05 32.4	307.4	-22.0
21		135 35.6	N05 31.5	321.9	-29.1
22		150 35.8	N05 30.5	338.5	-34.1
23		165 36.0	N05 29.6	356.6	-36.3
00	2027-09-09	180 36.2	N05 28.7	015.0	-35.3
01		195 36.4	N05 27.7	032.2	-31.3
02		210 36.7	N05 26.8	047.5	-24.9
03		225 36.9	N05 25.8	061.0	-16.8
04		240 37.1	N05 24.9	073.0	-07.6
05		255 37.3	N05 24.0	084.4	+02.5
06		270 37.5	N05 23.0	095.6	+12.2
07		285 37.7	N05 22.1	107.4	+22.0
08		300 38.0	N05 21.1	120.7	+31.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		315 38.2	N05 20.2	136.2	+38.9
10		330 38.4	N05 19.2	154.8	+44.6
11		345 38.6	N05 18.3	176.0	+47.1
12		0 38.8	N05 17.4	197.7	+45.9
13		15 39.0	N05 16.4	217.3	+41.2
14		30 39.3	N05 15.5	233.9	+34.0
15		45 39.5	N05 14.5	247.9	+25.3
16		60 39.7	N05 13.6	260.1	+15.7
17		75 39.9	N05 12.6	271.5	+05.8
18		90 40.1	N05 11.7	282.7	-04.2
19		105 40.3	N05 10.7	294.4	-13.7
20		120 40.6	N05 09.8	307.2	-22.3
21		135 40.8	N05 08.9	321.8	-29.5
22		150 41.0	N05 07.9	338.5	-34.5
23		165 41.2	N05 07.0	356.7	-36.7
00	2027-09-10	180 41.4	N05 06.0	015.2	-35.6
01		195 41.7	N05 05.1	032.5	-31.6
02		210 41.9	N05 04.1	047.8	-25.2
03		225 42.1	N05 03.2	061.3	-17.0
04		240 42.3	N05 02.2	073.4	-07.8
05		255 42.5	N05 01.3	084.7	+02.3
06		270 42.8	N05 00.3	095.9	+12.0
07		285 43.0	N04 59.4	107.7	+21.8
08		300 43.2	N04 58.5	121.0	+30.8
09		315 43.4	N04 57.5	136.6	+38.6
10		330 43.6	N04 56.6	155.1	+44.2
11		345 43.8	N04 55.6	176.2	+46.7
12		0 44.1	N04 54.7	197.7	+45.5
13		15 44.3	N04 53.7	217.3	+40.8
14		30 44.5	N04 52.8	233.8	+33.7
15		45 44.7	N04 51.8	247.7	+25.0
16		60 44.9	N04 50.9	259.9	+15.4
17		75 45.2	N04 49.9	271.3	+05.5
18		90 45.4	N04 49.0	282.5	-04.6
19		105 45.6	N04 48.0	294.2	-14.1
20		120 45.8	N04 47.1	307.1	-22.7
21		135 46.0	N04 46.1	321.8	-29.9
22		150 46.3	N04 45.2	338.5	-34.9
23		165 46.5	N04 44.2	356.8	-37.0
00	2027-09-11	180 46.7	N04 43.3	015.4	-36.0
01		195 46.9	N04 42.3	032.7	-31.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		210 47.1	N04 41.4	048.1	-25.5
03		225 47.4	N04 40.4	061.6	-17.3
04		240 47.6	N04 39.5	073.7	-08.1
05		255 47.8	N04 38.6	085.0	+02.0
06		270 48.0	N04 37.6	096.2	+11.8
07		285 48.2	N04 36.7	108.1	+21.5
08		300 48.5	N04 35.7	121.3	+30.6
09		315 48.7	N04 34.8	136.9	+38.3
10		330 48.9	N04 33.8	155.4	+43.9
11		345 49.1	N04 32.9	176.3	+46.3
12		0 49.3	N04 31.9	197.7	+45.1
13		15 49.6	N04 31.0	217.2	+40.5
14		30 49.8	N04 30.0	233.6	+33.3
15		45 50.0	N04 29.1	247.5	+24.6
16		60 50.2	N04 28.1	259.8	+15.0
17		75 50.4	N04 27.2	271.1	+05.2
18		90 50.7	N04 26.2	282.3	-04.9
19		105 50.9	N04 25.2	294.0	-14.4
20		120 51.1	N04 24.3	306.9	-23.1
21		135 51.3	N04 23.3	321.7	-30.2
22		150 51.5	N04 22.4	338.4	-35.3
23		165 51.8	N04 21.4	356.9	-37.4
00	2027-09-12	180 52.0	N04 20.5	015.5	-36.4
01		195 52.2	N04 19.5	033.0	-32.3
02		210 52.4	N04 18.6	048.4	-25.7
03		225 52.7	N04 17.6	061.9	-17.5
04		240 52.9	N04 16.7	074.0	-08.3
05		255 53.1	N04 15.7	085.3	+01.8
06		270 53.3	N04 14.8	096.5	+11.6
07		285 53.5	N04 13.8	108.4	+21.3
08		300 53.8	N04 12.9	121.7	+30.3
09		315 54.0	N04 11.9	137.2	+38.0
10		330 54.2	N04 11.0	155.6	+43.6
11		345 54.4	N04 10.0	176.5	+46.0
12		0 54.6	N04 09.1	197.7	+44.7
13		15 54.9	N04 08.1	217.1	+40.1
14		30 55.1	N04 07.2	233.5	+32.9
15		45 55.3	N04 06.2	247.4	+24.2
16		60 55.5	N04 05.2	259.6	+14.7
17		75 55.8	N04 04.3	270.9	+04.8
18		90 56.0	N04 03.3	282.1	-05.3
19		105 56.2	N04 02.4	293.9	-14.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		120 56.4	N04 01.4	306.8	-23.4
21		135 56.6	N04 00.5	321.6	-30.6
22		150 56.9	N03 59.5	338.4	-35.7
23		165 57.1	N03 58.6	357.0	-37.8
00	2027-09-13	180 57.3	N03 57.6	015.7	-36.7
01		195 57.5	N03 56.7	033.3	-32.6
02		210 57.8	N03 55.7	048.7	-26.0
03		225 58.0	N03 54.7	062.2	-17.8
04		240 58.2	N03 53.8	074.3	-08.5
05		255 58.4	N03 52.8	085.6	+01.6
06		270 58.6	N03 51.9	096.9	+11.4
07		285 58.9	N03 50.9	108.7	+21.0
08		300 59.1	N03 50.0	122.0	+30.1
09		315 59.3	N03 49.0	137.5	+37.7
10		330 59.5	N03 48.1	155.9	+43.2
11		345 59.8	N03 47.1	176.6	+45.6
12		0 60.0	N03 46.1	197.8	+44.3
13		16 00.2	N03 45.2	217.0	+39.7
14		31 00.4	N03 44.2	233.3	+32.6
15		46 00.6	N03 43.3	247.2	+23.9
16		61 00.9	N03 42.3	259.4	+14.3
17		76 01.1	N03 41.4	270.7	+04.5
18		91 01.3	N03 40.4	281.9	-05.6
19		106 01.5	N03 39.5	293.7	-15.2
20		121 01.8	N03 38.5	306.7	-23.8
21		136 02.0	N03 37.5	321.5	-31.0
22		151 02.2	N03 36.6	338.4	-36.0
23		166 02.4	N03 35.6	357.0	-38.2
00	2027-09-14	181 02.7	N03 34.7	015.9	-37.1
01		196 02.9	N03 33.7	033.5	-32.9
02		211 03.1	N03 32.8	049.0	-26.3
03		226 03.3	N03 31.8	062.5	-18.1
04		241 03.5	N03 30.8	074.6	-08.8
05		256 03.8	N03 29.9	086.0	+01.4
06		271 04.0	N03 28.9	097.2	+11.1
07		286 04.2	N03 28.0	109.1	+20.8
08		301 04.4	N03 27.0	122.3	+29.8
09		316 04.7	N03 26.0	137.8	+37.4
10		331 04.9	N03 25.1	156.1	+42.9
11		346 05.1	N03 24.1	176.8	+45.2
12		1 05.3	N03 23.2	197.8	+43.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		16 05.6	N03 22.2	216.9	+39.3
14		31 05.8	N03 21.2	233.2	+32.2
15		46 06.0	N03 20.3	247.0	+23.5
16		61 06.2	N03 19.3	259.2	+14.0
17		76 06.4	N03 18.4	270.5	+04.2
18		91 06.7	N03 17.4	281.7	-06.0
19		106 06.9	N03 16.5	293.5	-15.5
20		121 07.1	N03 15.5	306.5	-24.2
21		136 07.3	N03 14.5	321.4	-31.4
22		151 07.6	N03 13.6	338.4	-36.4
23		166 07.8	N03 12.6	357.1	-38.6
00	2027-09-15	181 08.0	N03 11.7	016.1	-37.4
01		196 08.2	N03 10.7	033.8	-33.2
02		211 08.5	N03 09.7	049.3	-26.6
03		226 08.7	N03 08.8	062.8	-18.3
04		241 08.9	N03 07.8	074.9	-09.0
05		256 09.1	N03 06.9	086.3	+01.2
06		271 09.4	N03 05.9	097.5	+10.9
07		286 09.6	N03 04.9	109.4	+20.6
08		301 09.8	N03 04.0	122.7	+29.5
09		316 10.0	N03 03.0	138.2	+37.1
10		331 10.3	N03 02.0	156.4	+42.5
11		346 10.5	N03 01.1	176.9	+44.8
12		1 10.7	N03 00.1	197.8	+43.5
13		16 10.9	N02 59.2	216.8	+38.9
14		31 11.1	N02 58.2	233.0	+31.8
15		46 11.4	N02 57.2	246.8	+23.2
16		61 11.6	N02 56.3	259.0	+13.6
17		76 11.8	N02 55.3	270.3	+03.8
18		91 12.0	N02 54.4	281.6	-06.3
19		106 12.3	N02 53.4	293.3	-15.9
20		121 12.5	N02 52.4	306.4	-24.6
21		136 12.7	N02 51.5	321.3	-31.8
22		151 12.9	N02 50.5	338.4	-36.8
23		166 13.2	N02 49.5	357.2	-39.0
00	2027-09-16	181 13.4	N02 48.6	016.3	-37.8
01		196 13.6	N02 47.6	034.1	-33.5
02		211 13.8	N02 46.7	049.6	-26.9
03		226 14.1	N02 45.7	063.2	-18.6
04		241 14.3	N02 44.7	075.3	-09.2
05		256 14.5	N02 43.8	086.6	+01.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		271 14.7	N02 42.8	097.9	+10.7
07		286 15.0	N02 41.8	109.7	+20.3
08		301 15.2	N02 40.9	123.0	+29.3
09		316 15.4	N02 39.9	138.5	+36.8
10		331 15.6	N02 39.0	156.7	+42.2
11		346 15.9	N02 38.0	177.1	+44.4
12		1 16.1	N02 37.0	197.8	+43.1
13		16 16.3	N02 36.1	216.7	+38.5
14		31 16.5	N02 35.1	232.9	+31.5
15		46 16.7	N02 34.1	246.6	+22.8
16		61 17.0	N02 33.2	258.8	+13.3
17		76 17.2	N02 32.2	270.1	+03.5
18		91 17.4	N02 31.2	281.4	-06.7
19		106 17.6	N02 30.3	293.2	-16.2
20		121 17.9	N02 29.3	306.2	-24.9
21		136 18.1	N02 28.4	321.2	-32.2
22		151 18.3	N02 27.4	338.4	-37.2
23		166 18.5	N02 26.4	357.3	-39.4
00	2027-09-17	181 18.8	N02 25.5	016.5	-38.2
01		196 19.0	N02 24.5	034.3	-33.9
02		211 19.2	N02 23.5	049.9	-27.2
03		226 19.4	N02 22.6	063.5	-18.8
04		241 19.7	N02 21.6	075.6	-09.5
05		256 19.9	N02 20.6	086.9	+00.8
06		271 20.1	N02 19.7	098.2	+10.4
07		286 20.3	N02 18.7	110.1	+20.1
08		301 20.6	N02 17.7	123.3	+29.0
09		316 20.8	N02 16.8	138.8	+36.5
10		331 21.0	N02 15.8	156.9	+41.8
11		346 21.2	N02 14.8	177.2	+44.1
12		1 21.5	N02 13.9	197.8	+42.7
13		16 21.7	N02 12.9	216.6	+38.1
14		31 21.9	N02 11.9	232.7	+31.1
15		46 22.1	N02 11.0	246.5	+22.5
16		61 22.4	N02 10.0	258.6	+12.9
17		76 22.6	N02 09.1	270.0	+03.2
18		91 22.8	N02 08.1	281.2	-07.0
19		106 23.0	N02 07.1	293.0	-16.6
20		121 23.3	N02 06.2	306.1	-25.3
21		136 23.5	N02 05.2	321.1	-32.6
22		151 23.7	N02 04.2	338.4	-37.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		166 23.9	N02 03.3	357.4	-39.7
00	2027-09-18	181 24.2	N02 02.3	016.7	-38.5
01		196 24.4	N02 01.3	034.6	-34.2
02		211 24.6	N02 00.4	050.2	-27.5
03		226 24.8	N01 59.4	063.8	-19.1
04		241 25.0	N01 58.4	075.9	-09.7
05		256 25.3	N01 57.5	087.2	+00.6
06		271 25.5	N01 56.5	098.5	+10.2
07		286 25.7	N01 55.5	110.4	+19.8
08		301 25.9	N01 54.6	123.7	+28.7
09		316 26.2	N01 53.6	139.1	+36.2
10		331 26.4	N01 52.6	157.2	+41.5
11		346 26.6	N01 51.7	177.3	+43.7
12		1 26.8	N01 50.7	197.8	+42.3
13		16 27.1	N01 49.7	216.5	+37.7
14		31 27.3	N01 48.8	232.6	+30.7
15		46 27.5	N01 47.8	246.3	+22.1
16		61 27.7	N01 46.8	258.4	+12.6
17		76 28.0	N01 45.8	269.8	+02.8
18		91 28.2	N01 44.9	281.0	-07.4
19		106 28.4	N01 43.9	292.8	-17.0
20		121 28.6	N01 42.9	305.9	-25.7
21		136 28.9	N01 42.0	321.0	-33.0
22		151 29.1	N01 41.0	338.4	-38.0
23		166 29.3	N01 40.0	357.5	-40.1
00	2027-09-19	181 29.5	N01 39.1	017.0	-38.9
01		196 29.8	N01 38.1	034.9	-34.5
02		211 30.0	N01 37.1	050.5	-27.7
03		226 30.2	N01 36.2	064.1	-19.3
04		241 30.4	N01 35.2	076.2	-09.9
05		256 30.6	N01 34.2	087.6	+00.4
06		271 30.9	N01 33.3	098.8	+10.0
07		286 31.1	N01 32.3	110.7	+19.6
08		301 31.3	N01 31.3	124.0	+28.4
09		316 31.5	N01 30.4	139.4	+35.9
10		331 31.8	N01 29.4	157.4	+41.1
11		346 32.0	N01 28.4	177.5	+43.3
12		1 32.2	N01 27.4	197.8	+41.9
13		16 32.4	N01 26.5	216.4	+37.4
14		31 32.7	N01 25.5	232.4	+30.3
15		46 32.9	N01 24.5	246.1	+21.7

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		61 33.1	N01 23.6	258.2	+12.3
17		76 33.3	N01 22.6	269.6	+02.5
18		91 33.6	N01 21.6	280.8	-07.7
19		106 33.8	N01 20.7	292.6	-17.3
20		121 34.0	N01 19.7	305.8	-26.1
21		136 34.2	N01 18.7	320.9	-33.3
22		151 34.4	N01 17.8	338.4	-38.4
23		166 34.7	N01 16.8	357.6	-40.5
00	2027-09-20	181 34.9	N01 15.8	017.2	-39.2
01		196 35.1	N01 14.8	035.2	-34.8
02		211 35.3	N01 13.9	050.9	-28.0
03		226 35.6	N01 12.9	064.4	-19.6
04		241 35.8	N01 11.9	076.6	-10.2
05		256 36.0	N01 11.0	087.9	+00.2
06		271 36.2	N01 10.0	099.2	+09.8
07		286 36.5	N01 09.0	111.1	+19.3
08		301 36.7	N01 08.1	124.3	+28.2
09		316 36.9	N01 07.1	139.7	+35.6
10		331 37.1	N01 06.1	157.6	+40.8
11		346 37.3	N01 05.1	177.6	+42.9
12		1 37.6	N01 04.2	197.8	+41.5
13		16 37.8	N01 03.2	216.3	+37.0
14		31 38.0	N01 02.2	232.3	+30.0
15		46 38.2	N01 01.3	245.9	+21.4
16		61 38.5	N01 00.3	258.0	+11.9
17		76 38.7	N00 59.3	269.4	+02.2
18		91 38.9	N00 58.4	280.6	-08.1
19		106 39.1	N00 57.4	292.5	-17.7
20		121 39.4	N00 56.4	305.6	-26.4
21		136 39.6	N00 55.4	320.8	-33.7
22		151 39.8	N00 54.5	338.4	-38.8
23		166 40.0	N00 53.5	357.8	-40.9
00	2027-09-21	181 40.2	N00 52.5	017.4	-39.6
01		196 40.5	N00 51.6	035.5	-35.2
02		211 40.7	N00 50.6	051.2	-28.3
03		226 40.9	N00 49.6	064.8	-19.8
04		241 41.1	N00 48.6	076.9	-10.4
05		256 41.4	N00 47.7	088.2	+00.0
06		271 41.6	N00 46.7	099.5	+09.5
07		286 41.8	N00 45.7	111.4	+19.1
08		301 42.0	N00 44.8	124.6	+27.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		316 42.2	N00 43.8	140.0	+35.3
10		331 42.5	N00 42.8	157.9	+40.4
11		346 42.7	N00 41.8	177.8	+42.5
12		1 42.9	N00 40.9	197.8	+41.1
13		16 43.1	N00 39.9	216.2	+36.6
14		31 43.4	N00 38.9	232.1	+29.6
15		46 43.6	N00 38.0	245.7	+21.0
16		61 43.8	N00 37.0	257.9	+11.5
17		76 44.0	N00 36.0	269.2	+01.8
18		91 44.2	N00 35.0	280.4	-08.4
19		106 44.5	N00 34.1	292.3	-18.0
20		121 44.7	N00 33.1	305.5	-26.8
21		136 44.9	N00 32.1	320.7	-34.1
22		151 45.1	N00 31.2	338.3	-39.2
23		166 45.4	N00 30.2	357.9	-41.3
00	2027-09-22	181 45.6	N00 29.2	017.6	-40.0
01		196 45.8	N00 28.2	035.7	-35.5
02		211 46.0	N00 27.3	051.5	-28.6
03		226 46.2	N00 26.3	065.1	-20.1
04		241 46.5	N00 25.3	077.2	-10.7
05		256 46.7	N00 24.4	088.5	-00.1
06		271 46.9	N00 23.4	099.8	+09.3
07		286 47.1	N00 22.4	111.7	+18.8
08		301 47.3	N00 21.4	125.0	+27.6
09		316 47.6	N00 20.5	140.3	+35.0
10		331 47.8	N00 19.5	158.1	+40.1
11		346 48.0	N00 18.5	177.9	+42.1
12		1 48.2	N00 17.5	197.9	+40.7
13		16 48.4	N00 16.6	216.1	+36.2
14		31 48.7	N00 15.6	232.0	+29.2
15		46 48.9	N00 14.6	245.6	+20.7
16		61 49.1	N00 13.7	257.7	+11.2
17		76 49.3	N00 12.7	269.0	+01.5
18		91 49.6	N00 11.7	280.2	-08.8
19		106 49.8	N00 10.7	292.1	-18.4
20		121 50.0	N00 09.8	305.3	-27.2
21		136 50.2	N00 08.8	320.6	-34.5
22		151 50.4	N00 07.8	338.3	-39.6
23		166 50.7	N00 06.8	358.0	-41.7
00	2027-09-23	181 50.9	N00 05.9	017.8	-40.3
01		196 51.1	N00 04.9	036.0	-35.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		211 51.3	N00 03.9	051.8	-28.9
03		226 51.5	N00 03.0	065.4	-20.4
04		241 51.8	N00 02.0	077.5	-10.9
05		256 52.0	N00 01.0	088.9	-00.3
06		271 52.2	N00 00.0	100.1	+09.1
07		286 52.4	S00 00.9	112.0	+18.6
08		301 52.6	S00 01.9	125.3	+27.3
09		316 52.9	S00 02.9	140.6	+34.6
10		331 53.1	S00 03.9	158.4	+39.7
11		346 53.3	S00 04.8	178.0	+41.7
12		1 53.5	S00 05.8	197.9	+40.3
13		16 53.7	S00 06.8	216.1	+35.8
14		31 53.9	S00 07.8	231.8	+28.8
15		46 54.2	S00 08.7	245.4	+20.3
16		61 54.4	S00 09.7	257.5	+10.8
17		76 54.6	S00 10.7	268.8	+01.2
18		91 54.8	S00 11.6	280.1	-09.1
19		106 55.0	S00 12.6	291.9	-18.8
20		121 55.3	S00 13.6	305.2	-27.5
21		136 55.5	S00 14.6	320.5	-34.9
22		151 55.7	S00 15.5	338.3	-40.0
23		166 55.9	S00 16.5	358.1	-42.1
00	2027-09-24	181 56.1	S00 17.5	018.0	-40.7
01		196 56.4	S00 18.5	036.3	-36.1
02		211 56.6	S00 19.4	052.1	-29.2
03		226 56.8	S00 20.4	065.7	-20.6
04		241 57.0	S00 21.4	077.9	-11.1
05		256 57.2	S00 22.4	089.2	-01.2
06		271 57.5	S00 23.3	100.5	+08.8
07		286 57.7	S00 24.3	112.4	+18.3
08		301 57.9	S00 25.3	125.6	+27.1
09		316 58.1	S00 26.2	140.9	+34.3
10		331 58.3	S00 27.2	158.6	+39.4
11		346 58.5	S00 28.2	178.1	+41.4
12		1 58.8	S00 29.2	197.9	+39.9
13		16 59.0	S00 30.1	216.0	+35.4
14		31 59.2	S00 31.1	231.7	+28.5
15		46 59.4	S00 32.1	245.2	+19.9
16		61 59.6	S00 33.1	257.3	+10.5
17		76 59.8	S00 34.0	268.6	+00.9
18		92 00.1	S00 35.0	279.9	-09.5
19		107 00.3	S00 36.0	291.8	-19.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		122 00.5	S00 37.0	305.0	-27.9
21		137 00.7	S00 37.9	320.4	-35.3
22		152 00.9	S00 38.9	338.3	-40.4
23		167 01.2	S00 39.9	358.2	-42.5
00	2027-09-25	182 01.4	S00 40.9	018.2	-41.1
01		197 01.6	S00 41.8	036.6	-36.5
02		212 01.8	S00 42.8	052.5	-29.5
03		227 02.0	S00 43.8	066.1	-20.9
04		242 02.2	S00 44.7	078.2	-11.4
05		257 02.5	S00 45.7	089.5	-01.5
06		272 02.7	S00 46.7	100.8	+08.6
07		287 02.9	S00 47.7	112.7	+18.1
08		302 03.1	S00 48.6	125.9	+26.8
09		317 03.3	S00 49.6	141.2	+34.0
10		332 03.5	S00 50.6	158.8	+39.0
11		347 03.8	S00 51.6	178.3	+41.0
12		2 04.0	S00 52.5	197.9	+39.5
13		17 04.2	S00 53.5	215.9	+35.0
14		32 04.4	S00 54.5	231.5	+28.1
15		47 04.6	S00 55.5	245.0	+19.6
16		62 04.8	S00 56.4	257.1	+10.2
17		77 05.0	S00 57.4	268.4	+00.6
18		92 05.3	S00 58.4	279.7	-09.8
19		107 05.5	S00 59.4	291.6	-19.5
20		122 05.7	S01 00.3	304.9	-28.3
21		137 05.9	S01 01.3	320.3	-35.7
22		152 06.1	S01 02.3	338.3	-40.8
23		167 06.3	S01 03.2	358.3	-42.9
00	2027-09-26	182 06.6	S01 04.2	018.5	-41.4
01		197 06.8	S01 05.2	036.9	-36.8
02		212 07.0	S01 06.2	052.8	-29.7
03		227 07.2	S01 07.1	066.4	-21.1
04		242 07.4	S01 08.1	078.5	-11.6
05		257 07.6	S01 09.1	089.8	-01.7
06		272 07.8	S01 10.1	101.1	+08.4
07		287 08.1	S01 11.0	113.0	+17.8
08		302 08.3	S01 12.0	126.3	+26.5
09		317 08.5	S01 13.0	141.5	+33.7
10		332 08.7	S01 14.0	159.1	+38.6
11		347 08.9	S01 14.9	178.4	+40.6
12		2 09.1	S01 15.9	197.9	+39.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		17 09.3	S01 16.9	215.8	+34.6
14		32 09.6	S01 17.9	231.4	+27.7
15		47 09.8	S01 18.8	244.9	+19.2
16		62 10.0	S01 19.8	256.9	+09.8
17		77 10.2	S01 20.8	268.2	+00.3
18		92 10.4	S01 21.8	279.5	-10.2
19		107 10.6	S01 22.7	291.4	-19.8
20		122 10.8	S01 23.7	304.7	-28.7
21		137 11.1	S01 24.7	320.2	-36.1
22		152 11.3	S01 25.6	338.3	-41.2
23		167 11.5	S01 26.6	358.4	-43.3
00	2027-09-27	182 11.7	S01 27.6	018.7	-41.8
01		197 11.9	S01 28.6	037.2	-37.1
02		212 12.1	S01 29.5	053.1	-30.0
03		227 12.3	S01 30.5	066.7	-21.4
04		242 12.5	S01 31.5	078.8	-11.9
05		257 12.8	S01 32.5	090.2	-01.9
06		272 13.0	S01 33.4	101.4	+08.1
07		287 13.2	S01 34.4	113.3	+17.6
08		302 13.4	S01 35.4	126.6	+26.2
09		317 13.6	S01 36.4	141.8	+33.4
10		332 13.8	S01 37.3	159.3	+38.3
11		347 14.0	S01 38.3	178.5	+40.2
12		2 14.2	S01 39.3	197.9	+38.7
13		17 14.5	S01 40.3	215.7	+34.2
14		32 14.7	S01 41.2	231.2	+27.3
15		47 14.9	S01 42.2	244.7	+18.8
16		62 15.1	S01 43.2	256.7	+09.5
17		77 15.3	S01 44.1	268.0	+00.0
18		92 15.5	S01 45.1	279.3	-10.5
19		107 15.7	S01 46.1	291.2	-20.2
20		122 15.9	S01 47.1	304.5	-29.0
21		137 16.1	S01 48.0	320.1	-36.5
22		152 16.4	S01 49.0	338.3	-41.6
23		167 16.6	S01 50.0	358.5	-43.7
00	2027-09-28	182 16.8	S01 51.0	018.9	-42.1
01		197 17.0	S01 51.9	037.5	-37.4
02		212 17.2	S01 52.9	053.4	-30.3
03		227 17.4	S01 53.9	067.1	-21.6
04		242 17.6	S01 54.9	079.2	-12.1
05		257 17.8	S01 55.8	090.5	-02.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		272 18.0	S01 56.8	101.8	+07.9
07		287 18.2	S01 57.8	113.7	+17.3
08		302 18.5	S01 58.7	126.9	+25.9
09		317 18.7	S01 59.7	142.1	+33.0
10		332 18.9	S02 00.7	159.5	+37.9
11		347 19.1	S02 01.7	178.6	+39.8
12		2 19.3	S02 02.6	197.9	+38.4
13		17 19.5	S02 03.6	215.6	+33.8
14		32 19.7	S02 04.6	231.1	+26.9
15		47 19.9	S02 05.6	244.5	+18.5
16		62 20.1	S02 06.5	256.5	+09.1
17		77 20.3	S02 07.5	267.8	-00.3
18		92 20.6	S02 08.5	279.1	-10.9
19		107 20.8	S02 09.4	291.0	-20.5
20		122 21.0	S02 10.4	304.4	-29.4
21		137 21.2	S02 11.4	320.0	-36.8
22		152 21.4	S02 12.4	338.2	-42.0
23		167 21.6	S02 13.3	358.6	-44.0
00	2027-09-29	182 21.8	S02 14.3	019.1	-42.5
01		197 22.0	S02 15.3	037.8	-37.7
02		212 22.2	S02 16.3	053.7	-30.6
03		227 22.4	S02 17.2	067.4	-21.9
04		242 22.6	S02 18.2	079.5	-12.3
05		257 22.8	S02 19.2	090.8	-02.4
06		272 23.0	S02 20.1	102.1	+07.6
07		287 23.3	S02 21.1	114.0	+17.1
08		302 23.5	S02 22.1	127.2	+25.6
09		317 23.7	S02 23.1	142.3	+32.7
10		332 23.9	S02 24.0	159.7	+37.6
11		347 24.1	S02 25.0	178.8	+39.4
12		2 24.3	S02 26.0	197.9	+38.0
13		17 24.5	S02 26.9	215.5	+33.4
14		32 24.7	S02 27.9	230.9	+26.6
15		47 24.9	S02 28.9	244.3	+18.1
16		62 25.1	S02 29.9	256.3	+08.8
17		77 25.3	S02 30.8	267.6	-01.2
18		92 25.5	S02 31.8	278.9	-11.2
19		107 25.7	S02 32.8	290.8	-20.9
20		122 25.9	S02 33.8	304.2	-29.8
21		137 26.2	S02 34.7	319.8	-37.2
22		152 26.4	S02 35.7	338.2	-42.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		167 26.6	S02 36.7	358.7	-44.4
00	2027-09-30	182 26.8	S02 37.6	019.4	-42.9
01		197 27.0	S02 38.6	038.1	-38.1
02		212 27.2	S02 39.6	054.1	-30.9
03		227 27.4	S02 40.6	067.7	-22.1
04		242 27.6	S02 41.5	079.8	-12.6
05		257 27.8	S02 42.5	091.1	-02.6
06		272 28.0	S02 43.5	102.4	+07.4
07		287 28.2	S02 44.4	114.3	+16.8
08		302 28.4	S02 45.4	127.5	+25.4
09		317 28.6	S02 46.4	142.6	+32.4
10		332 28.8	S02 47.4	159.9	+37.2
11		347 29.0	S02 48.3	178.9	+39.0
12		2 29.2	S02 49.3	197.9	+37.6
13		17 29.4	S02 50.3	215.4	+33.0
14		32 29.6	S02 51.2	230.8	+26.2
15		47 29.8	S02 52.2	244.2	+17.8
16		62 30.0	S02 53.2	256.1	+08.4
17		77 30.2	S02 54.1	267.4	-01.6
18		92 30.5	S02 55.1	278.7	-11.6
19		107 30.7	S02 56.1	290.6	-21.3
20		122 30.9	S02 57.1	304.0	-30.2
21		137 31.1	S02 58.0	319.7	-37.6
22		152 31.3	S02 59.0	338.2	-42.8
23		167 31.5	S02 60.0	358.8	-44.8
00	2027-10-01	182 31.7	S03 00.9	019.6	-43.2
01		197 31.9	S03 01.9	038.4	-38.4
02		212 32.1	S03 02.9	054.4	-31.2
03		227 32.3	S03 03.9	068.0	-22.4
04		242 32.5	S03 04.8	080.1	-12.8
05		257 32.7	S03 05.8	091.5	-02.9
06		272 32.9	S03 06.8	102.7	+07.2
07		287 33.1	S03 07.7	114.6	+16.6
08		302 33.3	S03 08.7	127.8	+25.1
09		317 33.5	S03 09.7	142.9	+32.1
10		332 33.7	S03 10.6	160.1	+36.8
11		347 33.9	S03 11.6	179.0	+38.6
12		2 34.1	S03 12.6	197.9	+37.2
13		17 34.3	S03 13.6	215.3	+32.7
14		32 34.5	S03 14.5	230.6	+25.8
15		47 34.7	S03 15.5	244.0	+17.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		62 34.9	S03 16.5	255.9	+08.1
17		77 35.1	S03 17.4	267.2	-01.9
18		92 35.3	S03 18.4	278.5	-11.9
19		107 35.5	S03 19.4	290.4	-21.6
20		122 35.7	S03 20.3	303.9	-30.5
21		137 35.9	S03 21.3	319.6	-38.0
22		152 36.1	S03 22.3	338.2	-43.2
23		167 36.3	S03 23.2	358.9	-45.2
00	2027-10-02	182 36.5	S03 24.2	019.8	-43.6
01		197 36.7	S03 25.2	038.7	-38.7
02		212 36.9	S03 26.1	054.7	-31.4
03		227 37.1	S03 27.1	068.4	-22.7
04		242 37.3	S03 28.1	080.5	-13.0
05		257 37.5	S03 29.1	091.8	-03.1
06		272 37.7	S03 30.0	103.0	+06.9
07		287 37.9	S03 31.0	114.9	+16.3
08		302 38.1	S03 32.0	128.1	+24.8
09		317 38.3	S03 32.9	143.2	+31.8
10		332 38.5	S03 33.9	160.3	+36.5
11		347 38.7	S03 34.9	179.1	+38.3
12		2 38.9	S03 35.8	197.9	+36.8
13		17 39.1	S03 36.8	215.3	+32.3
14		32 39.3	S03 37.8	230.5	+25.5
15		47 39.5	S03 38.7	243.8	+17.1
16		62 39.7	S03 39.7	255.8	+07.7
17		77 39.9	S03 40.7	267.0	-02.3
18		92 40.1	S03 41.6	278.3	-12.3
19		107 40.3	S03 42.6	290.2	-22.0
20		122 40.5	S03 43.6	303.7	-30.9
21		137 40.7	S03 44.5	319.5	-38.4
22		152 40.9	S03 45.5	338.1	-43.6
23		167 41.1	S03 46.5	359.0	-45.6
00	2027-10-03	182 41.3	S03 47.4	020.1	-43.9
01		197 41.5	S03 48.4	039.0	-39.0
02		212 41.7	S03 49.4	055.0	-31.7
03		227 41.9	S03 50.3	068.7	-22.9
04		242 42.0	S03 51.3	080.8	-13.3
05		257 42.2	S03 52.3	092.1	-03.3
06		272 42.4	S03 53.2	103.3	+06.7
07		287 42.6	S03 54.2	115.2	+16.0
08		302 42.8	S03 55.2	128.4	+24.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		317 43.0	S03 56.1	143.4	+31.4
10		332 43.2	S03 57.1	160.5	+36.1
11		347 43.4	S03 58.1	179.2	+37.9
12		2 43.6	S03 59.0	197.9	+36.4
13		17 43.8	S04 00.0	215.2	+31.9
14		32 44.0	S04 01.0	230.4	+25.1
15		47 44.2	S04 01.9	243.6	+16.7
16		62 44.4	S04 02.9	255.6	+07.4
17		77 44.6	S04 03.9	266.8	-02.6
18		92 44.8	S04 04.8	278.1	-12.6
19		107 45.0	S04 05.8	290.0	-22.3
20		122 45.2	S04 06.8	303.5	-31.2
21		137 45.4	S04 07.7	319.4	-38.8
22		152 45.6	S04 08.7	338.1	-44.0
23		167 45.8	S04 09.7	359.1	-46.0
00	2027-10-04	182 45.9	S04 10.6	020.3	-44.3
01		197 46.1	S04 11.6	039.3	-39.3
02		212 46.3	S04 12.6	055.4	-32.0
03		227 46.5	S04 13.5	069.0	-23.2
04		242 46.7	S04 14.5	081.1	-13.5
05		257 46.9	S04 15.5	092.4	-03.6
06		272 47.1	S04 16.4	103.7	+06.5
07		287 47.3	S04 17.4	115.5	+15.8
08		302 47.5	S04 18.4	128.7	+24.2
09		317 47.7	S04 19.3	143.7	+31.1
10		332 47.9	S04 20.3	160.7	+35.8
11		347 48.1	S04 21.2	179.3	+37.5
12		2 48.3	S04 22.2	197.9	+36.0
13		17 48.4	S04 23.2	215.1	+31.5
14		32 48.6	S04 24.1	230.2	+24.7
15		47 48.8	S04 25.1	243.5	+16.3
16		62 49.0	S04 26.1	255.4	+07.0
17		77 49.2	S04 27.0	266.6	-03.0
18		92 49.4	S04 28.0	277.9	-12.9
19		107 49.6	S04 29.0	289.8	-22.7
20		122 49.8	S04 29.9	303.3	-31.6
21		137 50.0	S04 30.9	319.2	-39.1
22		152 50.2	S04 31.8	338.1	-44.4
23		167 50.4	S04 32.8	359.2	-46.4
00	2027-10-05	182 50.5	S04 33.8	020.5	-44.7
01		197 50.7	S04 34.7	039.6	-39.7

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		212 50.9	S04 35.7	055.7	-32.3
03		227 51.1	S04 36.7	069.4	-23.4
04		242 51.3	S04 37.6	081.4	-13.8
05		257 51.5	S04 38.6	092.7	-03.8
06		272 51.7	S04 39.5	104.0	+06.2
07		287 51.9	S04 40.5	115.8	+15.5
08		302 52.1	S04 41.5	129.0	+23.9
09		317 52.2	S04 42.4	143.9	+30.8
10		332 52.4	S04 43.4	160.9	+35.4
11		347 52.6	S04 44.4	179.4	+37.1
12		2 52.8	S04 45.3	197.9	+35.6
13		17 53.0	S04 46.3	215.0	+31.1
14		32 53.2	S04 47.2	230.1	+24.3
15		47 53.4	S04 48.2	243.3	+16.0
16		62 53.6	S04 49.2	255.2	+06.7
17		77 53.8	S04 50.1	266.4	-03.3
18		92 53.9	S04 51.1	277.7	-13.3
19		107 54.1	S04 52.0	289.6	-23.0
20		122 54.3	S04 53.0	303.2	-32.0
21		137 54.5	S04 54.0	319.1	-39.5
22		152 54.7	S04 54.9	338.0	-44.8
23		167 54.9	S04 55.9	359.3	-46.8
00	2027-10-06	182 55.1	S04 56.8	020.7	-45.0
01		197 55.2	S04 57.8	039.9	-40.0
02		212 55.4	S04 58.8	056.0	-32.6
03		227 55.6	S04 59.7	069.7	-23.7
04		242 55.8	S05 00.7	081.7	-14.0
05		257 56.0	S05 01.6	093.0	-04.0
06		272 56.2	S05 02.6	104.3	+06.0
07		287 56.4	S05 03.6	116.1	+15.3
08		302 56.5	S05 04.5	129.3	+23.6
09		317 56.7	S05 05.5	144.2	+30.5
10		332 56.9	S05 06.4	161.1	+35.1
11		347 57.1	S05 07.4	179.5	+36.7
12		2 57.3	S05 08.4	197.9	+35.2
13		17 57.5	S05 09.3	214.9	+30.7
14		32 57.7	S05 10.3	229.9	+24.0
15		47 57.8	S05 11.2	243.1	+15.6
16		62 58.0	S05 12.2	255.0	+06.4
17		77 58.2	S05 13.2	266.2	-03.6
18		92 58.4	S05 14.1	277.5	-13.6
19		107 58.6	S05 15.1	289.4	-23.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		122 58.8	S05 16.0	303.0	-32.3
21		137 58.9	S05 17.0	319.0	-39.9
22		152 59.1	S05 17.9	338.0	-45.2
23		167 59.3	S05 18.9	359.4	-47.1
00	2027-10-07	182 59.5	S05 19.9	021.0	-45.4
01		197 59.7	S05 20.8	040.2	-40.3
02		212 59.8	S05 21.8	056.3	-32.8
03		228 00.0	S05 22.7	070.0	-23.9
04		243 00.2	S05 23.7	082.1	-14.2
05		258 00.4	S05 24.6	093.3	-04.3
06		273 00.6	S05 25.6	104.6	+05.7
07		288 00.8	S05 26.6	116.4	+15.0
08		303 00.9	S05 27.5	129.5	+23.3
09		318 01.1	S05 28.5	144.4	+30.1
10		333 01.3	S05 29.4	161.3	+34.7
11		348 01.5	S05 30.4	179.6	+36.3
12		3 01.7	S05 31.3	197.9	+34.8
13		18 01.8	S05 32.3	214.8	+30.3
14		33 02.0	S05 33.3	229.8	+23.6
15		48 02.2	S05 34.2	242.9	+15.3
16		63 02.4	S05 35.2	254.8	+06.0
17		78 02.6	S05 36.1	266.0	-04.0
18		93 02.7	S05 37.1	277.3	-14.0
19		108 02.9	S05 38.0	289.2	-23.7
20		123 03.1	S05 39.0	302.8	-32.7
21		138 03.3	S05 39.9	318.8	-40.3
22		153 03.5	S05 40.9	338.0	-45.5
23		168 03.6	S05 41.9	359.6	-47.5
00	2027-10-08	183 03.8	S05 42.8	021.2	-45.7
01		198 04.0	S05 43.8	040.5	-40.6
02		213 04.2	S05 44.7	056.7	-33.1
03		228 04.3	S05 45.7	070.3	-24.2
04		243 04.5	S05 46.6	082.4	-14.5
05		258 04.7	S05 47.6	093.7	-04.5
06		273 04.9	S05 48.5	104.9	+05.5
07		288 05.1	S05 49.5	116.7	+14.7
08		303 05.2	S05 50.4	129.8	+23.1
09		318 05.4	S05 51.4	144.7	+29.8
10		333 05.6	S05 52.3	161.5	+34.3
11		348 05.8	S05 53.3	179.7	+36.0
12		3 05.9	S05 54.3	197.9	+34.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		18 06.1	S05 55.2	214.7	+30.0
14		33 06.3	S05 56.2	229.6	+23.2
15		48 06.5	S05 57.1	242.7	+14.9
16		63 06.6	S05 58.1	254.6	+05.7
17		78 06.8	S05 59.0	265.8	-04.3
18		93 07.0	S05 60.0	277.1	-14.3
19		108 07.2	S06 00.9	289.0	-24.0
20		123 07.3	S06 01.9	302.6	-33.0
21		138 07.5	S06 02.8	318.7	-40.7
22		153 07.7	S06 03.8	337.9	-45.9
23		168 07.9	S06 04.7	359.7	-47.9
00	2027-10-09	183 08.0	S06 05.7	021.4	-46.1
01		198 08.2	S06 06.6	040.8	-40.9
02		213 08.4	S06 07.6	057.0	-33.4
03		228 08.6	S06 08.5	070.7	-24.4
04		243 08.7	S06 09.5	082.7	-14.7
05		258 08.9	S06 10.4	094.0	-04.7
06		273 09.1	S06 11.4	105.2	+05.3
07		288 09.3	S06 12.3	117.0	+14.5
08		303 09.4	S06 13.3	130.1	+22.8
09		318 09.6	S06 14.2	144.9	+29.5
10		333 09.8	S06 15.2	161.7	+34.0
11		348 09.9	S06 16.1	179.8	+35.6
12		3 10.1	S06 17.1	197.8	+34.0
13		18 10.3	S06 18.0	214.6	+29.6
14		33 10.5	S06 19.0	229.5	+22.9
15		48 10.6	S06 19.9	242.6	+14.6
16		63 10.8	S06 20.9	254.4	+05.4
17		78 11.0	S06 21.8	265.6	-04.6
18		93 11.1	S06 22.8	276.8	-14.6
19		108 11.3	S06 23.7	288.8	-24.4
20		123 11.5	S06 24.7	302.4	-33.4
21		138 11.7	S06 25.6	318.6	-41.0
22		153 11.8	S06 26.6	337.9	-46.3
23		168 12.0	S06 27.5	359.8	-48.3
00	2027-10-10	183 12.2	S06 28.5	021.7	-46.4
01		198 12.3	S06 29.4	041.1	-41.2
02		213 12.5	S06 30.4	057.3	-33.7
03		228 12.7	S06 31.3	071.0	-24.7
04		243 12.8	S06 32.3	083.0	-15.0
05		258 13.0	S06 33.2	094.3	-05.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		273 13.2	S06 34.2	105.5	+05.0
07		288 13.3	S06 35.1	117.3	+14.2
08		303 13.5	S06 36.0	130.4	+22.5
09		318 13.7	S06 37.0	145.2	+29.2
10		333 13.8	S06 37.9	161.9	+33.6
11		348 14.0	S06 38.9	179.8	+35.2
12		3 14.2	S06 39.8	197.8	+33.6
13		18 14.3	S06 40.8	214.5	+29.2
14		33 14.5	S06 41.7	229.3	+22.5
15		48 14.7	S06 42.7	242.4	+14.3
16		63 14.8	S06 43.6	254.2	+05.1
17		78 15.0	S06 44.6	265.4	-04.9
18		93 15.2	S06 45.5	276.6	-14.9
19		108 15.3	S06 46.4	288.6	-24.7
20		123 15.5	S06 47.4	302.2	-33.7
21		138 15.7	S06 48.3	318.4	-41.4
22		153 15.8	S06 49.3	337.8	-46.7
23		168 16.0	S06 50.2	359.9	-48.7
00	2027-10-11	183 16.2	S06 51.2	021.9	-46.8
01		198 16.3	S06 52.1	041.4	-41.5
02		213 16.5	S06 53.1	057.6	-33.9
03		228 16.7	S06 54.0	071.3	-24.9
04		243 16.8	S06 54.9	083.3	-15.2
05		258 17.0	S06 55.9	094.6	-05.2
06		273 17.2	S06 56.8	105.8	+04.8
07		288 17.3	S06 57.8	117.6	+13.9
08		303 17.5	S06 58.7	130.6	+22.2
09		318 17.6	S06 59.7	145.4	+28.8
10		333 17.8	S07 00.6	162.0	+33.3
11		348 18.0	S07 01.5	179.9	+34.8
12		3 18.1	S07 02.5	197.8	+33.3
13		18 18.3	S07 03.4	214.4	+28.8
14		33 18.5	S07 04.4	229.2	+22.2
15		48 18.6	S07 05.3	242.2	+13.9
16		63 18.8	S07 06.3	254.0	+04.7
17		78 18.9	S07 07.2	265.2	-05.3
18		93 19.1	S07 08.1	276.4	-15.3
19		108 19.3	S07 09.1	288.4	-25.0
20		123 19.4	S07 10.0	302.0	-34.1
21		138 19.6	S07 11.0	318.3	-41.8
22		153 19.7	S07 11.9	337.8	-47.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		168 19.9	S07 12.8	359.9	-49.0
00	2027-10-12	183 20.1	S07 13.8	022.1	-47.1
01		198 20.2	S07 14.7	041.7	-41.8
02		213 20.4	S07 15.7	058.0	-34.2
03		228 20.5	S07 16.6	071.6	-25.2
04		243 20.7	S07 17.5	083.6	-15.4
05		258 20.9	S07 18.5	094.9	-05.5
06		273 21.0	S07 19.4	106.1	+04.5
07		288 21.2	S07 20.4	117.9	+13.7
08		303 21.3	S07 21.3	130.9	+21.9
09		318 21.5	S07 22.2	145.6	+28.5
10		333 21.7	S07 23.2	162.2	+32.9
11		348 21.8	S07 24.1	180.0	+34.4
12		3 22.0	S07 25.0	197.8	+32.9
13		18 22.1	S07 26.0	214.3	+28.5
14		33 22.3	S07 26.9	229.0	+21.8
15		48 22.4	S07 27.9	242.0	+13.6
16		63 22.6	S07 28.8	253.8	+04.4
17		78 22.8	S07 29.7	265.0	-05.6
18		93 22.9	S07 30.7	276.2	-15.6
19		108 23.1	S07 31.6	288.2	-25.4
20		123 23.2	S07 32.5	301.8	-34.4
21		138 23.4	S07 33.5	318.1	-42.1
22		153 23.5	S07 34.4	337.7	-47.5
23		168 23.7	S07 35.4	000.0	-49.4
00	2027-10-13	183 23.8	S07 36.3	022.4	-47.5
01		198 24.0	S07 37.2	042.0	-42.1
02		213 24.2	S07 38.2	058.3	-34.5
03		228 24.3	S07 39.1	071.9	-25.4
04		243 24.5	S07 40.0	083.9	-15.7
05		258 24.6	S07 41.0	095.2	-05.7
06		273 24.8	S07 41.9	106.4	+04.3
07		288 24.9	S07 42.8	118.2	+13.4
08		303 25.1	S07 43.8	131.2	+21.6
09		318 25.2	S07 44.7	145.9	+28.2
10		333 25.4	S07 45.6	162.4	+32.6
11		348 25.5	S07 46.6	180.1	+34.1
12		3 25.7	S07 47.5	197.8	+32.5
13		18 25.8	S07 48.4	214.2	+28.1
14		33 26.0	S07 49.4	228.9	+21.5
15		48 26.1	S07 50.3	241.9	+13.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		63 26.3	S07 51.2	253.6	+04.1
17		78 26.4	S07 52.2	264.8	-05.9
18		93 26.6	S07 53.1	276.0	-15.9
19		108 26.7	S07 54.0	288.0	-25.7
20		123 26.9	S07 55.0	301.6	-34.8
21		138 27.0	S07 55.9	318.0	-42.5
22		153 27.2	S07 56.8	337.7	-47.8
23		168 27.3	S07 57.8	000.1	-49.8
00	2027-10-14	183 27.5	S07 58.7	022.6	-47.8
01		198 27.6	S07 59.6	042.3	-42.5
02		213 27.8	S08 00.6	058.6	-34.8
03		228 27.9	S08 01.5	072.3	-25.7
04		243 28.1	S08 02.4	084.2	-15.9
05		258 28.2	S08 03.3	095.5	-05.9
06		273 28.4	S08 04.3	106.7	+04.1
07		288 28.5	S08 05.2	118.4	+13.2
08		303 28.7	S08 06.1	131.4	+21.3
09		318 28.8	S08 07.1	146.1	+27.9
10		333 29.0	S08 08.0	162.5	+32.2
11		348 29.1	S08 08.9	180.1	+33.7
12		3 29.3	S08 09.9	197.7	+32.1
13		18 29.4	S08 10.8	214.1	+27.7
14		33 29.6	S08 11.7	228.7	+21.1
15		48 29.7	S08 12.6	241.7	+12.9
16		63 29.8	S08 13.6	253.4	+03.8
17		78 30.0	S08 14.5	264.6	-06.2
18		93 30.1	S08 15.4	275.8	-16.2
19		108 30.3	S08 16.3	287.8	-26.0
20		123 30.4	S08 17.3	301.4	-35.1
21		138 30.6	S08 18.2	317.8	-42.8
22		153 30.7	S08 19.1	337.6	-48.2
23		168 30.9	S08 20.1	000.2	-50.2
00	2027-10-15	183 31.0	S08 21.0	022.8	-48.2
01		198 31.2	S08 21.9	042.6	-42.8
02		213 31.3	S08 22.8	058.9	-35.0
03		228 31.4	S08 23.8	072.6	-25.9
04		243 31.6	S08 24.7	084.6	-16.1
05		258 31.7	S08 25.6	095.8	-06.2
06		273 31.9	S08 26.5	106.9	+03.8
07		288 32.0	S08 27.5	118.7	+12.9
08		303 32.1	S08 28.4	131.7	+21.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		318 32.3	S08 29.3	146.3	+27.6
10		333 32.4	S08 30.2	162.7	+31.9
11		348 32.6	S08 31.2	180.2	+33.3
12		3 32.7	S08 32.1	197.7	+31.8
13		18 32.9	S08 33.0	214.0	+27.4
14		33 33.0	S08 33.9	228.6	+20.8
15		48 33.1	S08 34.9	241.5	+12.6
16		63 33.3	S08 35.8	253.2	+03.5
17		78 33.4	S08 36.7	264.4	-06.5
18		93 33.6	S08 37.6	275.6	-16.5
19		108 33.7	S08 38.5	287.6	-26.3
20		123 33.8	S08 39.5	301.2	-35.5
21		138 34.0	S08 40.4	317.6	-43.2
22		153 34.1	S08 41.3	337.6	-48.6
23		168 34.2	S08 42.2	000.3	-50.5
00	2027-10-16	183 34.4	S08 43.2	023.0	-48.5
01		198 34.5	S08 44.1	042.9	-43.1
02		213 34.7	S08 45.0	059.2	-35.3
03		228 34.8	S08 45.9	072.9	-26.2
04		243 34.9	S08 46.8	084.9	-16.4
05		258 35.1	S08 47.8	096.1	-06.4
06		273 35.2	S08 48.7	107.2	+03.6
07		288 35.3	S08 49.6	119.0	+12.6
08		303 35.5	S08 50.5	131.9	+20.7
09		318 35.6	S08 51.4	146.5	+27.2
10		333 35.8	S08 52.4	162.8	+31.5
11		348 35.9	S08 53.3	180.3	+33.0
12		3 36.0	S08 54.2	197.7	+31.4
13		18 36.2	S08 55.1	213.9	+27.0
14		33 36.3	S08 56.0	228.4	+20.4
15		48 36.4	S08 57.0	241.3	+12.3
16		63 36.6	S08 57.9	253.0	+03.2
17		78 36.7	S08 58.8	264.2	-06.8
18		93 36.8	S08 59.7	275.4	-16.8
19		108 37.0	S09 00.6	287.3	-26.7
20		123 37.1	S09 01.5	301.0	-35.8
21		138 37.2	S09 02.5	317.5	-43.5
22		153 37.4	S09 03.4	337.5	-49.0
23		168 37.5	S09 04.3	000.4	-50.9
00	2027-10-17	183 37.6	S09 05.2	023.3	-48.9
01		198 37.8	S09 06.1	043.2	-43.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		213 37.9	S09 07.0	059.6	-35.6
03		228 38.0	S09 08.0	073.2	-26.4
04		243 38.2	S09 08.9	085.1	-16.6
05		258 38.3	S09 09.8	096.3	-06.6
06		273 38.4	S09 10.7	107.5	+03.3
07		288 38.5	S09 11.6	119.3	+12.4
08		303 38.7	S09 12.5	132.2	+20.4
09		318 38.8	S09 13.5	146.7	+26.9
10		333 38.9	S09 14.4	163.0	+31.2
11		348 39.1	S09 15.3	180.3	+32.6
12		3 39.2	S09 16.2	197.7	+31.0
13		18 39.3	S09 17.1	213.8	+26.7
14		33 39.4	S09 18.0	228.3	+20.1
15		48 39.6	S09 18.9	241.1	+11.9
16		63 39.7	S09 19.8	252.8	+02.9
17		78 39.8	S09 20.8	264.0	-07.2
18		93 40.0	S09 21.7	275.1	-17.2
19		108 40.1	S09 22.6	287.1	-27.0
20		123 40.2	S09 23.5	300.8	-36.1
21		138 40.3	S09 24.4	317.3	-43.9
22		153 40.5	S09 25.3	337.4	-49.3
23		168 40.6	S09 26.2	000.5	-51.3
00	2027-10-18	183 40.7	S09 27.1	023.5	-49.2
01		198 40.8	S09 28.0	043.5	-43.7
02		213 41.0	S09 29.0	059.9	-35.8
03		228 41.1	S09 29.9	073.5	-26.7
04		243 41.2	S09 30.8	085.4	-16.8
05		258 41.3	S09 31.7	096.6	-06.9
06		273 41.5	S09 32.6	107.8	+03.1
07		288 41.6	S09 33.5	119.5	+12.1
08		303 41.7	S09 34.4	132.4	+20.1
09		318 41.8	S09 35.3	146.9	+26.6
10		333 42.0	S09 36.2	163.1	+30.8
11		348 42.1	S09 37.1	180.4	+32.2
12		3 42.2	S09 38.1	197.6	+30.6
13		18 42.3	S09 39.0	213.7	+26.3
14		33 42.4	S09 39.9	228.1	+19.7
15		48 42.6	S09 40.8	241.0	+11.6
16		63 42.7	S09 41.7	252.6	+02.6
17		78 42.8	S09 42.6	263.7	-07.5
18		93 42.9	S09 43.5	274.9	-17.5
19		108 43.1	S09 44.4	286.9	-27.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		123 43.2	S09 45.3	300.6	-36.4
21		138 43.3	S09 46.2	317.1	-44.2
22		153 43.4	S09 47.1	337.4	-49.7
23		168 43.5	S09 48.0	000.6	-51.6
00	2027-10-19	183 43.7	S09 48.9	023.7	-49.5
01		198 43.8	S09 49.8	043.8	-44.0
02		213 43.9	S09 50.7	060.2	-36.1
03		228 44.0	S09 51.6	073.8	-26.9
04		243 44.1	S09 52.5	085.7	-17.1
05		258 44.2	S09 53.5	096.9	-07.1
06		273 44.4	S09 54.4	108.0	+02.9
07		288 44.5	S09 55.3	119.8	+11.8
08		303 44.6	S09 56.2	132.7	+19.9
09		318 44.7	S09 57.1	147.1	+26.3
10		333 44.8	S09 58.0	163.2	+30.5
11		348 44.9	S09 58.9	180.4	+31.9
12		3 45.1	S09 59.8	197.6	+30.3
13		18 45.2	S10 00.7	213.6	+25.9
14		33 45.3	S10 01.6	228.0	+19.4
15		48 45.4	S10 02.5	240.8	+11.3
16		63 45.5	S10 03.4	252.4	+02.3
17		78 45.6	S10 04.3	263.5	-07.8
18		93 45.8	S10 05.2	274.7	-17.8
19		108 45.9	S10 06.1	286.7	-27.6
20		123 46.0	S10 07.0	300.4	-36.8
21		138 46.1	S10 07.9	317.0	-44.6
22		153 46.2	S10 08.8	337.3	-50.0
23		168 46.3	S10 09.7	000.7	-52.0
00	2027-10-20	183 46.4	S10 10.6	023.9	-49.9
01		198 46.5	S10 11.5	044.1	-44.3
02		213 46.7	S10 12.4	060.5	-36.4
03		228 46.8	S10 13.3	074.1	-27.1
04		243 46.9	S10 14.2	086.0	-17.3
05		258 47.0	S10 15.1	097.2	-07.3
06		273 47.1	S10 16.0	108.3	+02.6
07		288 47.2	S10 16.9	120.0	+11.6
08		303 47.3	S10 17.8	132.9	+19.6
09		318 47.4	S10 18.7	147.3	+26.0
10		333 47.5	S10 19.6	163.4	+30.1
11		348 47.7	S10 20.5	180.5	+31.5
12		3 47.8	S10 21.4	197.6	+29.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		18 47.9	S10 22.2	213.5	+25.6
14		33 48.0	S10 23.1	227.8	+19.1
15		48 48.1	S10 24.0	240.6	+11.0
16		63 48.2	S10 24.9	252.2	+02.0
17		78 48.3	S10 25.8	263.3	-08.0
18		93 48.4	S10 26.7	274.5	-18.0
19		108 48.5	S10 27.6	286.4	-27.9
20		123 48.6	S10 28.5	300.2	-37.1
21		138 48.7	S10 29.4	316.8	-44.9
22		153 48.8	S10 30.3	337.2	-50.4
23		168 48.9	S10 31.2	000.7	-52.3
00	2027-10-21	183 49.0	S10 32.1	024.2	-50.2
01		198 49.2	S10 33.0	044.4	-44.6
02		213 49.3	S10 33.9	060.8	-36.6
03		228 49.4	S10 34.8	074.4	-27.4
04		243 49.5	S10 35.7	086.3	-17.6
05		258 49.6	S10 36.5	097.5	-07.6
06		273 49.7	S10 37.4	108.6	+02.4
07		288 49.8	S10 38.3	120.3	+11.3
08		303 49.9	S10 39.2	133.1	+19.3
09		318 50.0	S10 40.1	147.5	+25.6
10		333 50.1	S10 41.0	163.5	+29.8
11		348 50.2	S10 41.9	180.5	+31.2
12		3 50.3	S10 42.8	197.5	+29.6
13		18 50.4	S10 43.7	213.4	+25.2
14		33 50.5	S10 44.6	227.7	+18.7
15		48 50.6	S10 45.4	240.4	+10.7
16		63 50.7	S10 46.3	252.0	+01.8
17		78 50.8	S10 47.2	263.1	-08.3
18		93 50.9	S10 48.1	274.3	-18.3
19		108 51.0	S10 49.0	286.2	-28.2
20		123 51.1	S10 49.9	299.9	-37.4
21		138 51.2	S10 50.8	316.6	-45.3
22		153 51.3	S10 51.7	337.1	-50.8
23		168 51.4	S10 52.5	000.8	-52.7
00	2027-10-22	183 51.5	S10 53.4	024.4	-50.5
01		198 51.6	S10 54.3	044.7	-44.8
02		213 51.7	S10 55.2	061.1	-36.9
03		228 51.8	S10 56.1	074.7	-27.6
04		243 51.9	S10 57.0	086.6	-17.8
05		258 52.0	S10 57.9	097.7	-07.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		273 52.1	S10 58.7	108.8	+02.2
07		288 52.2	S10 59.6	120.5	+11.0
08		303 52.3	S11 00.5	133.3	+19.0
09		318 52.4	S11 01.4	147.7	+25.3
10		333 52.5	S11 02.3	163.6	+29.4
11		348 52.6	S11 03.2	180.6	+30.8
12		3 52.7	S11 04.0	197.5	+29.2
13		18 52.8	S11 04.9	213.3	+24.9
14		33 52.9	S11 05.8	227.5	+18.4
15		48 52.9	S11 06.7	240.2	+10.4
16		63 53.0	S11 07.6	251.8	+01.5
17		78 53.1	S11 08.5	262.9	-08.6
18		93 53.2	S11 09.3	274.0	-18.6
19		108 53.3	S11 10.2	286.0	-28.5
20		123 53.4	S11 11.1	299.7	-37.7
21		138 53.5	S11 12.0	316.4	-45.6
22		153 53.6	S11 12.9	337.0	-51.1
23		168 53.7	S11 13.7	000.9	-53.1
00	2027-10-23	183 53.8	S11 14.6	024.6	-50.9
01		198 53.9	S11 15.5	044.9	-45.1
02		213 54.0	S11 16.4	061.4	-37.1
03		228 54.1	S11 17.3	075.0	-27.9
04		243 54.1	S11 18.1	086.9	-18.0
05		258 54.2	S11 19.0	098.0	-08.1
06		273 54.3	S11 19.9	109.1	+02.0
07		288 54.4	S11 20.8	120.8	+10.8
08		303 54.5	S11 21.6	133.6	+18.7
09		318 54.6	S11 22.5	147.9	+25.0
10		333 54.7	S11 23.4	163.7	+29.1
11		348 54.8	S11 24.3	180.6	+30.4
12		3 54.9	S11 25.2	197.5	+28.9
13		18 54.9	S11 26.0	213.2	+24.6
14		33 55.0	S11 26.9	227.4	+18.1
15		48 55.1	S11 27.8	240.1	+10.1
16		63 55.2	S11 28.7	251.6	+01.2
17		78 55.3	S11 29.5	262.7	-08.9
18		93 55.4	S11 30.4	273.8	-18.9
19		108 55.5	S11 31.3	285.8	-28.8
20		123 55.5	S11 32.2	299.5	-38.0
21		138 55.6	S11 33.0	316.2	-45.9
22		153 55.7	S11 33.9	336.9	-51.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		168 55.8	S11 34.8	000.9	-53.4
00	2027-10-24	183 55.9	S11 35.6	024.8	-51.2
01		198 56.0	S11 36.5	045.2	-45.4
02		213 56.0	S11 37.4	061.7	-37.4
03		228 56.1	S11 38.3	075.3	-28.1
04		243 56.2	S11 39.1	087.2	-18.3
05		258 56.3	S11 40.0	098.3	-08.3
06		273 56.4	S11 40.9	109.3	+01.7
07		288 56.5	S11 41.7	121.0	+10.5
08		303 56.5	S11 42.6	133.8	+18.4
09		318 56.6	S11 43.5	148.0	+24.7
10		333 56.7	S11 44.4	163.9	+28.8
11		348 56.8	S11 45.2	180.7	+30.1
12		3 56.9	S11 46.1	197.4	+28.5
13		18 56.9	S11 47.0	213.1	+24.2
14		33 57.0	S11 47.8	227.2	+17.8
15		48 57.1	S11 48.7	239.9	+09.8
16		63 57.2	S11 49.6	251.4	+01.0
17		78 57.3	S11 50.4	262.5	-09.2
18		93 57.3	S11 51.3	273.6	-19.2
19		108 57.4	S11 52.2	285.5	-29.0
20		123 57.5	S11 53.0	299.3	-38.3
21		138 57.6	S11 53.9	316.0	-46.2
22		153 57.7	S11 54.8	336.8	-51.8
23		168 57.7	S11 55.6	001.0	-53.8
00	2027-10-25	183 57.8	S11 56.5	025.0	-51.5
01		198 57.9	S11 57.4	045.5	-45.7
02		213 58.0	S11 58.2	062.0	-37.7
03		228 58.0	S11 59.1	075.6	-28.4
04		243 58.1	S11 60.0	087.4	-18.5
05		258 58.2	S12 00.8	098.5	-08.5
06		273 58.3	S12 01.7	109.6	+01.5
07		288 58.3	S12 02.5	121.2	+10.3
08		303 58.4	S12 03.4	134.0	+18.1
09		318 58.5	S12 04.3	148.2	+24.4
10		333 58.6	S12 05.1	164.0	+28.4
11		348 58.6	S12 06.0	180.7	+29.8
12		3 58.7	S12 06.9	197.4	+28.2
13		18 58.8	S12 07.7	213.0	+23.9
14		33 58.8	S12 08.6	227.1	+17.5
15		48 58.9	S12 09.4	239.7	+09.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		63 59.0	S12 10.3	251.2	+00.7
17		78 59.1	S12 11.2	262.3	-09.5
18		93 59.1	S12 12.0	273.4	-19.5
19		108 59.2	S12 12.9	285.3	-29.3
20		123 59.3	S12 13.7	299.0	-38.6
21		138 59.3	S12 14.6	315.8	-46.5
22		153 59.4	S12 15.4	336.7	-52.1
23		168 59.5	S12 16.3	001.0	-54.1
00	2027-10-26	183 59.5	S12 17.2	025.2	-51.8
01		198 59.6	S12 18.0	045.8	-46.0
02		213 59.7	S12 18.9	062.3	-37.9
03		228 59.8	S12 19.7	075.9	-28.6
04		243 59.8	S12 20.6	087.7	-18.7
05		258 59.9	S12 21.4	098.8	-08.8
06		273 60.0	S12 22.3	109.8	+01.3
07		289 00.0	S12 23.2	121.4	+10.0
08		304 00.1	S12 24.0	134.2	+17.8
09		319 00.2	S12 24.9	148.4	+24.1
10		334 00.2	S12 25.7	164.1	+28.1
11		349 00.3	S12 26.6	180.7	+29.4
12		4 00.3	S12 27.4	197.3	+27.8
13		19 00.4	S12 28.3	212.9	+23.6
14		34 00.5	S12 29.1	226.9	+17.2
15		49 00.5	S12 30.0	239.5	+09.2
16		64 00.6	S12 30.8	251.0	+00.5
17		79 00.7	S12 31.7	262.0	-09.7
18		94 00.7	S12 32.5	273.1	-19.7
19		109 00.8	S12 33.4	285.1	-29.6
20		124 00.9	S12 34.2	298.8	-38.9
21		139 00.9	S12 35.1	315.6	-46.9
22		154 01.0	S12 35.9	336.6	-52.5
23		169 01.0	S12 36.8	001.1	-54.4
00	2027-10-27	184 01.1	S12 37.6	025.4	-52.1
01		199 01.2	S12 38.5	046.1	-46.3
02		214 01.2	S12 39.3	062.6	-38.2
03		229 01.3	S12 40.2	076.1	-28.8
04		244 01.3	S12 41.0	088.0	-19.0
05		259 01.4	S12 41.9	099.0	-09.0
06		274 01.5	S12 42.7	110.1	+01.1
07		289 01.5	S12 43.6	121.7	+09.7
08		304 01.6	S12 44.4	134.4	+17.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		319 01.6	S12 45.3	148.5	+23.8
10		334 01.7	S12 46.1	164.2	+27.8
11		349 01.8	S12 47.0	180.7	+29.1
12		4 01.8	S12 47.8	197.3	+27.5
13		19 01.9	S12 48.7	212.8	+23.2
14		34 01.9	S12 49.5	226.8	+16.8
15		49 02.0	S12 50.3	239.3	+08.9
16		64 02.0	S12 51.2	250.8	+00.2
17		79 02.1	S12 52.0	261.8	-10.0
18		94 02.1	S12 52.9	272.9	-20.0
19		109 02.2	S12 53.7	284.8	-29.9
20		124 02.3	S12 54.6	298.6	-39.2
21		139 02.3	S12 55.4	315.4	-47.2
22		154 02.4	S12 56.2	336.5	-52.8
23		169 02.4	S12 57.1	001.1	-54.8
00	2027-10-28	184 02.5	S12 57.9	025.6	-52.5
01		199 02.5	S12 58.8	046.3	-46.6
02		214 02.6	S12 59.6	062.9	-38.4
03		229 02.6	S13 00.4	076.4	-29.1
04		244 02.7	S13 01.3	088.2	-19.2
05		259 02.7	S13 02.1	099.3	-09.2
06		274 02.8	S13 03.0	110.3	+00.8
07		289 02.8	S13 03.8	121.9	+09.5
08		304 02.9	S13 04.6	134.6	+17.3
09		319 02.9	S13 05.5	148.7	+23.5
10		334 03.0	S13 06.3	164.3	+27.4
11		349 03.0	S13 07.2	180.8	+28.7
12		4 03.1	S13 08.0	197.2	+27.2
13		19 03.1	S13 08.8	212.6	+22.9
14		34 03.2	S13 09.7	226.6	+16.5
15		49 03.2	S13 10.5	239.1	+08.6
16		64 03.3	S13 11.3	250.6	+00.0
17		79 03.3	S13 12.2	261.6	-10.3
18		94 03.4	S13 13.0	272.7	-20.2
19		109 03.4	S13 13.8	284.6	-30.1
20		124 03.5	S13 14.7	298.3	-39.4
21		139 03.5	S13 15.5	315.2	-47.5
22		154 03.6	S13 16.3	336.4	-53.1
23		169 03.6	S13 17.2	001.2	-55.1
00	2027-10-29	184 03.6	S13 18.0	025.8	-52.8
01		199 03.7	S13 18.8	046.6	-46.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		214 03.7	S13 19.7	063.1	-38.7
03		229 03.8	S13 20.5	076.7	-29.3
04		244 03.8	S13 21.3	088.5	-19.4
05		259 03.9	S13 22.2	099.5	-09.5
06		274 03.9	S13 23.0	110.5	+00.6
07		289 04.0	S13 23.8	122.1	+09.2
08		304 04.0	S13 24.7	134.8	+17.0
09		319 04.0	S13 25.5	148.8	+23.2
10		334 04.1	S13 26.3	164.3	+27.1
11		349 04.1	S13 27.1	180.8	+28.4
12		4 04.2	S13 28.0	197.2	+26.8
13		19 04.2	S13 28.8	212.5	+22.6
14		34 04.2	S13 29.6	226.5	+16.3
15		49 04.3	S13 30.5	239.0	+08.3
16		64 04.3	S13 31.3	250.4	-00.2
17		79 04.4	S13 32.1	261.4	-10.5
18		94 04.4	S13 32.9	272.4	-20.5
19		109 04.4	S13 33.8	284.3	-30.4
20		124 04.5	S13 34.6	298.1	-39.7
21		139 04.5	S13 35.4	315.0	-47.8
22		154 04.6	S13 36.2	336.2	-53.5
23		169 04.6	S13 37.1	001.2	-55.4
00	2027-10-30	184 04.6	S13 37.9	026.0	-53.1
01		199 04.7	S13 38.7	046.9	-47.1
02		214 04.7	S13 39.5	063.4	-38.9
03		229 04.7	S13 40.4	076.9	-29.5
04		244 04.8	S13 41.2	088.7	-19.6
05		259 04.8	S13 42.0	099.8	-09.7
06		274 04.9	S13 42.8	110.7	+00.4
07		289 04.9	S13 43.6	122.3	+09.0
08		304 04.9	S13 44.5	134.9	+16.7
09		319 05.0	S13 45.3	149.0	+22.9
10		334 05.0	S13 46.1	164.4	+26.8
11		349 05.0	S13 46.9	180.8	+28.1
12		4 05.1	S13 47.7	197.1	+26.5
13		19 05.1	S13 48.6	212.4	+22.3
14		34 05.1	S13 49.4	226.3	+16.0
15		49 05.2	S13 50.2	238.8	+08.1
16		64 05.2	S13 51.0	250.2	-01.1
17		79 05.2	S13 51.8	261.2	-10.8
18		94 05.3	S13 52.6	272.2	-20.7
19		109 05.3	S13 53.5	284.1	-30.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		124 05.3	S13 54.3	297.8	-40.0
21		139 05.3	S13 55.1	314.7	-48.1
22		154 05.4	S13 55.9	336.1	-53.8
23		169 05.4	S13 56.7	001.3	-55.8
00	2027-10-31	184 05.4	S13 57.5	026.2	-53.4
01		199 05.5	S13 58.4	047.1	-47.4
02		214 05.5	S13 59.2	063.7	-39.2
03		229 05.5	S13 60.0	077.2	-29.8
04		244 05.5	S14 00.8	089.0	-19.9
05		259 05.6	S14 01.6	100.0	-09.9
06		274 05.6	S14 02.4	111.0	+00.2
07		289 05.6	S14 03.2	122.5	+08.7
08		304 05.7	S14 04.0	135.1	+16.4
09		319 05.7	S14 04.9	149.1	+22.6
10		334 05.7	S14 05.7	164.5	+26.5
11		349 05.7	S14 06.5	180.8	+27.7
12		4 05.8	S14 07.3	197.0	+26.2
13		19 05.8	S14 08.1	212.3	+22.0
14		34 05.8	S14 08.9	226.1	+15.7
15		49 05.8	S14 09.7	238.6	+07.8
16		64 05.9	S14 10.5	250.0	-01.3
17		79 05.9	S14 11.3	261.0	-11.0
18		94 05.9	S14 12.1	272.0	-21.0
19		109 05.9	S14 12.9	283.8	-30.9
20		124 05.9	S14 13.8	297.6	-40.2
21		139 06.0	S14 14.6	314.5	-48.4
22		154 06.0	S14 15.4	336.0	-54.1
23		169 06.0	S14 16.2	001.3	-56.1
00	2027-11-01	184 06.0	S14 17.0	026.4	-53.7
01		199 06.1	S14 17.8	047.4	-47.7
02		214 06.1	S14 18.6	064.0	-39.4
03		229 06.1	S14 19.4	077.5	-30.0
04		244 06.1	S14 20.2	089.2	-20.1
05		259 06.1	S14 21.0	100.2	-10.2
06		274 06.1	S14 21.8	111.2	+00.0
07		289 06.2	S14 22.6	122.7	+08.4
08		304 06.2	S14 23.4	135.3	+16.2
09		319 06.2	S14 24.2	149.2	+22.3
10		334 06.2	S14 25.0	164.6	+26.2
11		349 06.2	S14 25.8	180.8	+27.4
12		4 06.3	S14 26.6	197.0	+25.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		19 06.3	S14 27.4	212.2	+21.7
14		34 06.3	S14 28.2	226.0	+15.4
15		49 06.3	S14 29.0	238.4	+07.5
16		64 06.3	S14 29.8	249.8	-01.6
17		79 06.3	S14 30.6	260.7	-11.2
18		94 06.4	S14 31.4	271.7	-21.2
19		109 06.4	S14 32.2	283.6	-31.1
20		124 06.4	S14 33.0	297.3	-40.5
21		139 06.4	S14 33.8	314.3	-48.6
22		154 06.4	S14 34.6	335.8	-54.4
23		169 06.4	S14 35.4	001.3	-56.4
00	2027-11-02	184 06.4	S14 36.2	026.5	-54.0
01		199 06.4	S14 37.0	047.6	-48.0
02		214 06.5	S14 37.8	064.2	-39.7
03		229 06.5	S14 38.6	077.7	-30.2
04		244 06.5	S14 39.4	089.5	-20.3
05		259 06.5	S14 40.2	100.4	-10.4
06		274 06.5	S14 40.9	111.4	-00.2
07		289 06.5	S14 41.7	122.9	+08.2
08		304 06.5	S14 42.5	135.4	+15.9
09		319 06.5	S14 43.3	149.4	+22.0
10		334 06.5	S14 44.1	164.7	+25.9
11		349 06.6	S14 44.9	180.8	+27.1
12		4 06.6	S14 45.7	196.9	+25.6
13		19 06.6	S14 46.5	212.1	+21.4
14		34 06.6	S14 47.3	225.8	+15.1
15		49 06.6	S14 48.1	238.2	+07.3
16		64 06.6	S14 48.9	249.6	-01.8
17		79 06.6	S14 49.6	260.5	-11.5
18		94 06.6	S14 50.4	271.5	-21.5
19		109 06.6	S14 51.2	283.4	-31.4
20		124 06.6	S14 52.0	297.1	-40.8
21		139 06.6	S14 52.8	314.1	-48.9
22		154 06.6	S14 53.6	335.7	-54.7
23		169 06.6	S14 54.4	001.3	-56.7
00	2027-11-03	184 06.6	S14 55.2	026.7	-54.3
01		199 06.6	S14 55.9	047.9	-48.2
02		214 06.6	S14 56.7	064.5	-39.9
03		229 06.7	S14 57.5	078.0	-30.5
04		244 06.7	S14 58.3	089.7	-20.6
05		259 06.7	S14 59.1	100.7	-10.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		274 06.7	S14 59.9	111.6	-01.0
07		289 06.7	S15 00.6	123.1	+07.9
08		304 06.7	S15 01.4	135.6	+15.6
09		319 06.7	S15 02.2	149.5	+21.7
10		334 06.7	S15 03.0	164.7	+25.5
11		349 06.7	S15 03.8	180.8	+26.8
12		4 06.7	S15 04.5	196.8	+25.2
13		19 06.7	S15 05.3	211.9	+21.1
14		34 06.7	S15 06.1	225.7	+14.8
15		49 06.7	S15 06.9	238.0	+07.0
16		64 06.7	S15 07.7	249.4	-02.1
17		79 06.7	S15 08.4	260.3	-11.7
18		94 06.7	S15 09.2	271.3	-21.7
19		109 06.7	S15 10.0	283.1	-31.6
20		124 06.7	S15 10.8	296.8	-41.0
21		139 06.7	S15 11.5	313.8	-49.2
22		154 06.7	S15 12.3	335.5	-55.0
23		169 06.6	S15 13.1	001.3	-57.0
00	2027-11-04	184 06.6	S15 13.9	026.9	-54.6
01		199 06.6	S15 14.6	048.1	-48.5
02		214 06.6	S15 15.4	064.7	-40.2
03		229 06.6	S15 16.2	078.2	-30.7
04		244 06.6	S15 17.0	089.9	-20.8
05		259 06.6	S15 17.7	100.9	-10.9
06		274 06.6	S15 18.5	111.8	-01.3
07		289 06.6	S15 19.3	123.3	+07.7
08		304 06.6	S15 20.1	135.8	+15.3
09		319 06.6	S15 20.8	149.6	+21.4
10		334 06.6	S15 21.6	164.8	+25.2
11		349 06.6	S15 22.4	180.8	+26.5
12		4 06.6	S15 23.1	196.8	+24.9
13		19 06.6	S15 23.9	211.8	+20.8
14		34 06.6	S15 24.7	225.5	+14.6
15		49 06.5	S15 25.5	237.9	+06.8
16		64 06.5	S15 26.2	249.2	-02.3
17		79 06.5	S15 27.0	260.1	-11.9
18		94 06.5	S15 27.8	271.1	-21.9
19		109 06.5	S15 28.5	282.9	-31.8
20		124 06.5	S15 29.3	296.6	-41.2
21		139 06.5	S15 30.1	313.6	-49.4
22		154 06.5	S15 30.8	335.4	-55.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		169 06.5	S15 31.6	001.3	-57.3
00	2027-11-05	184 06.5	S15 32.3	027.0	-54.9
01		199 06.4	S15 33.1	048.3	-48.8
02		214 06.4	S15 33.9	065.0	-40.4
03		229 06.4	S15 34.6	078.5	-30.9
04		244 06.4	S15 35.4	090.2	-21.0
05		259 06.4	S15 36.2	101.1	-11.1
06		274 06.4	S15 36.9	112.0	-01.5
07		289 06.4	S15 37.7	123.4	+07.4
08		304 06.3	S15 38.5	135.9	+15.1
09		319 06.3	S15 39.2	149.7	+21.1
10		334 06.3	S15 40.0	164.8	+24.9
11		349 06.3	S15 40.7	180.8	+26.2
12		4 06.3	S15 41.5	196.7	+24.6
13		19 06.3	S15 42.2	211.7	+20.5
14		34 06.2	S15 43.0	225.3	+14.3
15		49 06.2	S15 43.8	237.7	+06.5
16		64 06.2	S15 44.5	249.0	-02.5
17		79 06.2	S15 45.3	259.9	-12.2
18		94 06.2	S15 46.0	270.8	-22.1
19		109 06.2	S15 46.8	282.6	-32.1
20		124 06.1	S15 47.5	296.3	-41.5
21		139 06.1	S15 48.3	313.3	-49.7
22		154 06.1	S15 49.1	335.2	-55.6
23		169 06.1	S15 49.8	001.3	-57.7
00	2027-11-06	184 06.1	S15 50.6	027.2	-55.2
01		199 06.0	S15 51.3	048.6	-49.0
02		214 06.0	S15 52.1	065.2	-40.7
03		229 06.0	S15 52.8	078.7	-31.2
04		244 06.0	S15 53.6	090.4	-21.2
05		259 05.9	S15 54.3	101.3	-11.3
06		274 05.9	S15 55.1	112.2	-01.7
07		289 05.9	S15 55.8	123.6	+07.2
08		304 05.9	S15 56.6	136.1	+14.8
09		319 05.9	S15 57.3	149.8	+20.8
10		334 05.8	S15 58.1	164.9	+24.6
11		349 05.8	S15 58.8	180.8	+25.9
12		4 05.8	S15 59.6	196.6	+24.3
13		19 05.8	S16 00.3	211.6	+20.3
14		34 05.7	S16 01.1	225.2	+14.1
15		49 05.7	S16 01.8	237.5	+06.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		64 05.7	S16 02.6	248.8	-02.8
17		79 05.6	S16 03.3	259.7	-12.4
18		94 05.6	S16 04.1	270.6	-22.3
19		109 05.6	S16 04.8	282.4	-32.3
20		124 05.6	S16 05.5	296.0	-41.7
21		139 05.5	S16 06.3	313.1	-50.0
22		154 05.5	S16 07.0	335.0	-55.9
23		169 05.5	S16 07.8	001.3	-58.0
00	2027-11-07	184 05.5	S16 08.5	027.3	-55.5
01		199 05.4	S16 09.3	048.8	-49.3
02		214 05.4	S16 10.0	065.5	-40.9
03		229 05.4	S16 10.7	078.9	-31.4
04		244 05.3	S16 11.5	090.6	-21.5
05		259 05.3	S16 12.2	101.5	-11.5
06		274 05.3	S16 13.0	112.4	-02.0
07		289 05.2	S16 13.7	123.8	+06.9
08		304 05.2	S16 14.4	136.2	+14.5
09		319 05.2	S16 15.2	149.9	+20.5
10		334 05.1	S16 15.9	164.9	+24.3
11		349 05.1	S16 16.7	180.8	+25.6
12		4 05.1	S16 17.4	196.5	+24.1
13		19 05.0	S16 18.1	211.4	+20.0
14		34 05.0	S16 18.9	225.0	+13.8
15		49 05.0	S16 19.6	237.3	+06.1
16		64 04.9	S16 20.3	248.6	-03.0
17		79 04.9	S16 21.1	259.4	-12.6
18		94 04.9	S16 21.8	270.4	-22.5
19		109 04.8	S16 22.5	282.1	-32.5
20		124 04.8	S16 23.3	295.8	-41.9
21		139 04.8	S16 24.0	312.8	-50.2
22		154 04.7	S16 24.7	334.9	-56.1
23		169 04.7	S16 25.5	001.3	-58.2
00	2027-11-08	184 04.6	S16 26.2	027.5	-55.7
01		199 04.6	S16 26.9	049.0	-49.5
02		214 04.6	S16 27.7	065.7	-41.1
03		229 04.5	S16 28.4	079.1	-31.6
04		244 04.5	S16 29.1	090.8	-21.7
05		259 04.5	S16 29.8	101.7	-11.8
06		274 04.4	S16 30.6	112.5	-02.2
07		289 04.4	S16 31.3	123.9	+06.7
08		304 04.3	S16 32.0	136.3	+14.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		319 04.3	S16 32.8	150.0	+20.2
10		334 04.3	S16 33.5	165.0	+24.1
11		349 04.2	S16 34.2	180.7	+25.3
12		4 04.2	S16 34.9	196.5	+23.8
13		19 04.1	S16 35.7	211.3	+19.7
14		34 04.1	S16 36.4	224.9	+13.6
15		49 04.0	S16 37.1	237.1	+05.9
16		64 04.0	S16 37.8	248.4	-03.2
17		79 04.0	S16 38.6	259.2	-12.8
18		94 03.9	S16 39.3	270.1	-22.7
19		109 03.9	S16 40.0	281.9	-32.7
20		124 03.8	S16 40.7	295.5	-42.2
21		139 03.8	S16 41.4	312.6	-50.5
22		154 03.7	S16 42.2	334.7	-56.4
23		169 03.7	S16 42.9	001.3	-58.5
00	2027-11-09	184 03.6	S16 43.6	027.6	-56.0
01		199 03.6	S16 44.3	049.2	-49.8
02		214 03.5	S16 45.0	065.9	-41.4
03		229 03.5	S16 45.8	079.4	-31.8
04		244 03.4	S16 46.5	091.0	-21.9
05		259 03.4	S16 47.2	101.9	-12.0
06		274 03.4	S16 47.9	112.7	-02.4
07		289 03.3	S16 48.6	124.1	+06.5
08		304 03.3	S16 49.3	136.5	+14.0
09		319 03.2	S16 50.1	150.1	+20.0
10		334 03.2	S16 50.8	165.0	+23.8
11		349 03.1	S16 51.5	180.7	+25.0
12		4 03.1	S16 52.2	196.4	+23.5
13		19 03.0	S16 52.9	211.2	+19.5
14		34 03.0	S16 53.6	224.7	+13.3
15		49 02.9	S16 54.3	236.9	+05.6
16		64 02.8	S16 55.1	248.2	-03.4
17		79 02.8	S16 55.8	259.0	-13.0
18		94 02.7	S16 56.5	269.9	-22.9
19		109 02.7	S16 57.2	281.6	-32.9
20		124 02.6	S16 57.9	295.3	-42.4
21		139 02.6	S16 58.6	312.3	-50.7
22		154 02.5	S16 59.3	334.5	-56.7
23		169 02.5	S17 00.0	001.2	-58.8
00	2027-11-10	184 02.4	S17 00.7	027.8	-56.3
01		199 02.4	S17 01.4	049.4	-50.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		214 02.3	S17 02.1	066.1	-41.6
03		229 02.3	S17 02.8	079.6	-32.1
04		244 02.2	S17 03.6	091.2	-22.1
05		259 02.1	S17 04.3	102.1	-12.2
06		274 02.1	S17 05.0	112.9	-02.7
07		289 02.0	S17 05.7	124.2	+06.2
08		304 02.0	S17 06.4	136.6	+13.8
09		319 01.9	S17 07.1	150.2	+19.7
10		334 01.9	S17 07.8	165.1	+23.5
11		349 01.8	S17 08.5	180.7	+24.7
12		4 01.7	S17 09.2	196.3	+23.2
13		19 01.7	S17 09.9	211.1	+19.2
14		34 01.6	S17 10.6	224.5	+13.1
15		49 01.6	S17 11.3	236.8	+05.4
16		64 01.5	S17 12.0	248.0	-03.6
17		79 01.4	S17 12.7	258.8	-13.2
18		94 01.4	S17 13.4	269.7	-23.1
19		109 01.3	S17 14.1	281.4	-33.1
20		124 01.2	S17 14.8	295.0	-42.6
21		139 01.2	S17 15.5	312.1	-50.9
22		154 01.1	S17 16.2	334.3	-56.9
23		169 01.1	S17 16.9	001.2	-59.1
00	2027-11-11	184 01.0	S17 17.6	027.9	-56.6
01		199 00.9	S17 18.3	049.6	-50.3
02		214 00.9	S17 18.9	066.4	-41.8
03		229 00.8	S17 19.6	079.8	-32.3
04		244 00.7	S17 20.3	091.4	-22.3
05		259 00.7	S17 21.0	102.2	-12.4
06		274 00.6	S17 21.7	113.0	-02.9
07		289 00.5	S17 22.4	124.4	+06.0
08		304 00.5	S17 23.1	136.7	+13.5
09		319 00.4	S17 23.8	150.3	+19.4
10		334 00.3	S17 24.5	165.1	+23.2
11		349 00.3	S17 25.2	180.7	+24.4
12		4 00.2	S17 25.9	196.2	+23.0
13		19 00.1	S17 26.5	210.9	+19.0
14		34 00.1	S17 27.2	224.4	+12.9
15		48 60.0	S17 27.9	236.6	+05.2
16		63 59.9	S17 28.6	247.8	-03.8
17		78 59.9	S17 29.3	258.6	-13.4
18		93 59.8	S17 30.0	269.4	-23.3
19		108 59.7	S17 30.7	281.1	-33.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		123 59.6	S17 31.4	294.7	-42.8
21		138 59.6	S17 32.0	311.8	-51.1
22		153 59.5	S17 32.7	334.1	-57.2
23		168 59.4	S17 33.4	001.2	-59.4
00	2027-11-12	183 59.4	S17 34.1	028.0	-56.8
01		198 59.3	S17 34.8	049.8	-50.5
02		213 59.2	S17 35.5	066.6	-42.1
03		228 59.1	S17 36.1	080.0	-32.5
04		243 59.1	S17 36.8	091.6	-22.5
05		258 59.0	S17 37.5	102.4	-12.6
06		273 58.9	S17 38.2	113.2	-03.1
07		288 58.8	S17 38.9	124.5	+05.8
08		303 58.8	S17 39.5	136.8	+13.3
09		318 58.7	S17 40.2	150.3	+19.2
10		333 58.6	S17 40.9	165.1	+22.9
11		348 58.5	S17 41.6	180.6	+24.2
12		3 58.5	S17 42.2	196.1	+22.7
13		18 58.4	S17 42.9	210.8	+18.7
14		33 58.3	S17 43.6	224.2	+12.6
15		48 58.2	S17 44.3	236.4	+05.0
16		63 58.2	S17 44.9	247.6	-04.0
17		78 58.1	S17 45.6	258.4	-13.5
18		93 58.0	S17 46.3	269.2	-23.5
19		108 57.9	S17 47.0	280.9	-33.4
20		123 57.8	S17 47.6	294.5	-43.0
21		138 57.8	S17 48.3	311.5	-51.4
22		153 57.7	S17 49.0	333.9	-57.5
23		168 57.6	S17 49.7	001.1	-59.7
00	2027-11-13	183 57.5	S17 50.3	028.1	-57.1
01		198 57.4	S17 51.0	050.0	-50.8
02		213 57.3	S17 51.7	066.8	-42.3
03		228 57.3	S17 52.3	080.2	-32.7
04		243 57.2	S17 53.0	091.8	-22.8
05		258 57.1	S17 53.7	102.6	-12.9
06		273 57.0	S17 54.3	113.3	-03.4
07		288 56.9	S17 55.0	124.6	+05.5
08		303 56.8	S17 55.7	136.9	+13.0
09		318 56.8	S17 56.3	150.4	+18.9
10		333 56.7	S17 57.0	165.1	+22.7
11		348 56.6	S17 57.7	180.6	+23.9
12		3 56.5	S17 58.3	196.0	+22.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		18 56.4	S17 59.0	210.7	+18.5
14		33 56.3	S17 59.6	224.1	+12.4
15		48 56.3	S18 00.3	236.2	+04.8
16		63 56.2	S18 01.0	247.4	-04.2
17		78 56.1	S18 01.6	258.2	-13.7
18		93 56.0	S18 02.3	269.0	-23.6
19		108 55.9	S18 03.0	280.6	-33.6
20		123 55.8	S18 03.6	294.2	-43.1
21		138 55.7	S18 04.3	311.3	-51.6
22		153 55.6	S18 04.9	333.7	-57.7
23		168 55.5	S18 05.6	001.1	-59.9
00	2027-11-14	183 55.5	S18 06.2	028.2	-57.4
01		198 55.4	S18 06.9	050.2	-51.0
02		213 55.3	S18 07.6	067.0	-42.5
03		228 55.2	S18 08.2	080.4	-32.9
04		243 55.1	S18 08.9	091.9	-23.0
05		258 55.0	S18 09.5	102.7	-13.1
06		273 54.9	S18 10.2	113.5	-03.6
07		288 54.8	S18 10.8	124.8	+05.3
08		303 54.7	S18 11.5	137.0	+12.8
09		318 54.6	S18 12.1	150.5	+18.6
10		333 54.5	S18 12.8	165.1	+22.4
11		348 54.4	S18 13.4	180.6	+23.6
12		3 54.3	S18 14.1	195.9	+22.2
13		18 54.3	S18 14.7	210.5	+18.2
14		33 54.2	S18 15.4	223.9	+12.2
15		48 54.1	S18 16.0	236.0	+04.6
16		63 54.0	S18 16.7	247.2	-04.3
17		78 53.9	S18 17.3	257.9	-13.9
18		93 53.8	S18 18.0	268.8	-23.8
19		108 53.7	S18 18.6	280.4	-33.8
20		123 53.6	S18 19.3	293.9	-43.3
21		138 53.5	S18 19.9	311.0	-51.8
22		153 53.4	S18 20.6	333.5	-57.9
23		168 53.3	S18 21.2	001.0	-60.2
00	2027-11-15	183 53.2	S18 21.9	028.3	-57.6
01		198 53.1	S18 22.5	050.4	-51.3
02		213 53.0	S18 23.1	067.2	-42.7
03		228 52.9	S18 23.8	080.5	-33.1
04		243 52.8	S18 24.4	092.1	-23.2
05		258 52.7	S18 25.1	102.9	-13.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		273 52.6	S18 25.7	113.6	-03.8
07		288 52.5	S18 26.3	124.9	+05.1
08		303 52.4	S18 27.0	137.1	+12.5
09		318 52.3	S18 27.6	150.5	+18.4
10		333 52.2	S18 28.3	165.2	+22.1
11		348 52.1	S18 28.9	180.5	+23.4
12		3 52.0	S18 29.5	195.9	+21.9
13		18 51.9	S18 30.2	210.4	+18.0
14		33 51.8	S18 30.8	223.7	+12.0
15		48 51.7	S18 31.4	235.8	+04.5
16		63 51.6	S18 32.1	247.0	-04.5
17		78 51.5	S18 32.7	257.7	-14.0
18		93 51.3	S18 33.3	268.5	-24.0
19		108 51.2	S18 34.0	280.1	-33.9
20		123 51.1	S18 34.6	293.7	-43.5
21		138 51.0	S18 35.2	310.7	-52.0
22		153 50.9	S18 35.9	333.2	-58.2
23		168 50.8	S18 36.5	000.9	-60.4
00	2027-11-16	183 50.7	S18 37.1	028.4	-57.9
01		198 50.6	S18 37.8	050.5	-51.5
02		213 50.5	S18 38.4	067.3	-42.9
03		228 50.4	S18 39.0	080.7	-33.3
04		243 50.3	S18 39.7	092.3	-23.4
05		258 50.2	S18 40.3	103.0	-13.5
06		273 50.1	S18 40.9	113.8	-04.0
07		288 49.9	S18 41.5	125.0	+04.8
08		303 49.8	S18 42.2	137.2	+12.3
09		318 49.7	S18 42.8	150.6	+18.1
10		333 49.6	S18 43.4	165.2	+21.9
11		348 49.5	S18 44.0	180.5	+23.1
12		3 49.4	S18 44.7	195.8	+21.7
13		18 49.3	S18 45.3	210.3	+17.8
14		33 49.2	S18 45.9	223.6	+11.8
15		48 49.0	S18 46.5	235.7	+04.3
16		63 48.9	S18 47.1	246.8	-04.7
17		78 48.8	S18 47.8	257.5	-14.2
18		93 48.7	S18 48.4	268.3	-24.1
19		108 48.6	S18 49.0	279.9	-34.1
20		123 48.5	S18 49.6	293.4	-43.7
21		138 48.4	S18 50.2	310.5	-52.2
22		153 48.2	S18 50.9	333.0	-58.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		168 48.1	S18 51.5	000.8	-60.7
00	2027-11-17	183 48.0	S18 52.1	028.5	-58.1
01		198 47.9	S18 52.7	050.7	-51.7
02		213 47.8	S18 53.3	067.5	-43.2
03		228 47.7	S18 53.9	080.9	-33.6
04		243 47.5	S18 54.6	092.4	-23.6
05		258 47.4	S18 55.2	103.2	-13.7
06		273 47.3	S18 55.8	113.9	-04.2
07		288 47.2	S18 56.4	125.1	+04.6
08		303 47.1	S18 57.0	137.3	+12.0
09		318 47.0	S18 57.6	150.6	+17.9
10		333 46.8	S18 58.2	165.2	+21.6
11		348 46.7	S18 58.8	180.4	+22.9
12		3 46.6	S18 59.5	195.7	+21.5
13		18 46.5	S19 00.1	210.1	+17.6
14		33 46.3	S19 00.7	223.4	+11.6
15		48 46.2	S19 01.3	235.5	+04.1
16		63 46.1	S19 01.9	246.6	-04.8
17		78 46.0	S19 02.5	257.3	-14.3
18		93 45.9	S19 03.1	268.1	-24.2
19		108 45.7	S19 03.7	279.6	-34.2
20		123 45.6	S19 04.3	293.1	-43.8
21		138 45.5	S19 04.9	310.2	-52.3
22		153 45.4	S19 05.5	332.8	-58.6
23		168 45.2	S19 06.1	000.8	-60.9
00	2027-11-18	183 45.1	S19 06.7	028.6	-58.4
01		198 45.0	S19 07.3	050.9	-52.0
02		213 44.9	S19 07.9	067.7	-43.4
03		228 44.7	S19 08.5	081.1	-33.8
04		243 44.6	S19 09.1	092.6	-23.8
05		258 44.5	S19 09.7	103.3	-13.9
06		273 44.4	S19 10.3	114.0	-04.5
07		288 44.2	S19 10.9	125.2	+04.4
08		303 44.1	S19 11.5	137.3	+11.8
09		318 44.0	S19 12.1	150.7	+17.6
10		333 43.8	S19 12.7	165.2	+21.4
11		348 43.7	S19 13.3	180.4	+22.6
12		3 43.6	S19 13.9	195.6	+21.2
13		18 43.4	S19 14.5	210.0	+17.4
14		33 43.3	S19 15.1	223.2	+11.4
15		48 43.2	S19 15.7	235.3	+04.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		63 43.1	S19 16.3	246.5	-05.0
17		78 42.9	S19 16.9	257.1	-14.5
18		93 42.8	S19 17.5	267.9	-24.4
19		108 42.7	S19 18.1	279.4	-34.4
20		123 42.5	S19 18.7	292.9	-44.0
21		138 42.4	S19 19.2	309.9	-52.5
22		153 42.3	S19 19.8	332.5	-58.8
23		168 42.1	S19 20.4	000.7	-61.2
00	2027-11-19	183 42.0	S19 21.0	028.6	-58.6
01		198 41.9	S19 21.6	051.0	-52.2
02		213 41.7	S19 22.2	067.9	-43.6
03		228 41.6	S19 22.8	081.2	-34.0
04		243 41.5	S19 23.4	092.7	-24.0
05		258 41.3	S19 23.9	103.4	-14.1
06		273 41.2	S19 24.5	114.1	-04.7
07		288 41.0	S19 25.1	125.3	+04.2
08		303 40.9	S19 25.7	137.4	+11.6
09		318 40.8	S19 26.3	150.7	+17.4
10		333 40.6	S19 26.9	165.2	+21.2
11		348 40.5	S19 27.4	180.3	+22.4
12		3 40.4	S19 28.0	195.5	+21.0
13		18 40.2	S19 28.6	209.9	+17.2
14		33 40.1	S19 29.2	223.1	+11.2
15		48 39.9	S19 29.8	235.1	+03.8
16		63 39.8	S19 30.3	246.3	-05.1
17		78 39.7	S19 30.9	256.9	-14.6
18		93 39.5	S19 31.5	267.6	-24.5
19		108 39.4	S19 32.1	279.2	-34.5
20		123 39.2	S19 32.6	292.6	-44.1
21		138 39.1	S19 33.2	309.6	-52.7
22		153 39.0	S19 33.8	332.3	-59.0
23		168 38.8	S19 34.4	000.6	-61.4
00	2027-11-20	183 38.7	S19 34.9	028.7	-58.9
01		198 38.5	S19 35.5	051.1	-52.4
02		213 38.4	S19 36.1	068.0	-43.8
03		228 38.2	S19 36.7	081.4	-34.2
04		243 38.1	S19 37.2	092.9	-24.2
05		258 37.9	S19 37.8	103.6	-14.3
06		273 37.8	S19 38.4	114.2	-04.9
07		288 37.7	S19 38.9	125.4	+04.0
08		303 37.5	S19 39.5	137.5	+11.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		318 37.4	S19 40.1	150.7	+17.2
10		333 37.2	S19 40.7	165.1	+20.9
11		348 37.1	S19 41.2	180.3	+22.2
12		3 36.9	S19 41.8	195.4	+20.8
13		18 36.8	S19 42.3	209.7	+17.0
14		33 36.6	S19 42.9	222.9	+11.1
15		48 36.5	S19 43.5	235.0	+03.7
16		63 36.3	S19 44.0	246.1	-05.3
17		78 36.2	S19 44.6	256.7	-14.7
18		93 36.0	S19 45.2	267.4	-24.6
19		108 35.9	S19 45.7	278.9	-34.6
20		123 35.7	S19 46.3	292.3	-44.2
21		138 35.6	S19 46.9	309.3	-52.8
22		153 35.4	S19 47.4	332.0	-59.2
23		168 35.3	S19 48.0	000.4	-61.6
00	2027-11-21	183 35.1	S19 48.5	028.7	-59.1
01		198 35.0	S19 49.1	051.3	-52.6
02		213 34.8	S19 49.6	068.2	-44.0
03		228 34.7	S19 50.2	081.5	-34.4
04		243 34.5	S19 50.8	093.0	-24.4
05		258 34.4	S19 51.3	103.7	-14.5
06		273 34.2	S19 51.9	114.3	-05.1
07		288 34.1	S19 52.4	125.5	+03.8
08		303 33.9	S19 53.0	137.5	+11.1
09		318 33.7	S19 53.5	150.8	+16.9
10		333 33.6	S19 54.1	165.1	+20.7
11		348 33.4	S19 54.6	180.2	+22.0
12		3 33.3	S19 55.2	195.3	+20.6
13		18 33.1	S19 55.7	209.6	+16.8
14		33 33.0	S19 56.3	222.8	+10.9
15		48 32.8	S19 56.8	234.8	+03.5
16		63 32.7	S19 57.4	245.9	-05.4
17		78 32.5	S19 57.9	256.5	-14.9
18		93 32.3	S19 58.5	267.2	-24.7
19		108 32.2	S19 59.0	278.7	-34.7
20		123 32.0	S19 59.6	292.1	-44.4
21		138 31.9	S20 00.1	309.1	-53.0
22		153 31.7	S20 00.7	331.8	-59.4
23		168 31.5	S20 01.2	000.3	-61.8
00	2027-11-22	183 31.4	S20 01.8	028.8	-59.3
01		198 31.2	S20 02.3	051.4	-52.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		213 31.1	S20 02.8	068.3	-44.2
03		228 30.9	S20 03.4	081.6	-34.6
04		243 30.7	S20 03.9	093.1	-24.6
05		258 30.6	S20 04.5	103.8	-14.7
06		273 30.4	S20 05.0	114.4	-05.3
07		288 30.3	S20 05.5	125.6	+03.6
08		303 30.1	S20 06.1	137.6	+10.9
09		318 29.9	S20 06.6	150.8	+16.7
10		333 29.8	S20 07.2	165.1	+20.5
11		348 29.6	S20 07.7	180.1	+21.7
12		3 29.4	S20 08.2	195.1	+20.4
13		18 29.3	S20 08.8	209.4	+16.6
14		33 29.1	S20 09.3	222.6	+10.7
15		48 28.9	S20 09.8	234.6	+03.4
16		63 28.8	S20 10.4	245.7	-05.5
17		78 28.6	S20 10.9	256.3	-15.0
18		93 28.4	S20 11.4	267.0	-24.9
19		108 28.3	S20 12.0	278.4	-34.8
20		123 28.1	S20 12.5	291.8	-44.5
21		138 27.9	S20 13.0	308.8	-53.1
22		153 27.8	S20 13.6	331.5	-59.6
23		168 27.6	S20 14.1	000.2	-62.1
00	2027-11-23	183 27.4	S20 14.6	028.8	-59.5
01		198 27.3	S20 15.1	051.5	-53.1
02		213 27.1	S20 15.7	068.4	-44.4
03		228 26.9	S20 16.2	081.8	-34.8
04		243 26.8	S20 16.7	093.2	-24.8
05		258 26.6	S20 17.3	103.9	-14.9
06		273 26.4	S20 17.8	114.5	-05.5
07		288 26.2	S20 18.3	125.6	+03.4
08		303 26.1	S20 18.8	137.6	+10.7
09		318 25.9	S20 19.3	150.8	+16.5
10		333 25.7	S20 19.9	165.1	+20.2
11		348 25.6	S20 20.4	180.1	+21.5
12		3 25.4	S20 20.9	195.0	+20.2
13		18 25.2	S20 21.4	209.3	+16.4
14		33 25.0	S20 22.0	222.4	+10.6
15		48 24.9	S20 22.5	234.4	+03.2
16		63 24.7	S20 23.0	245.5	-05.6
17		78 24.5	S20 23.5	256.1	-15.1
18		93 24.3	S20 24.0	266.8	-25.0
19		108 24.2	S20 24.5	278.2	-34.9

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		123 24.0	S20 25.1	291.5	-44.6
21		138 23.8	S20 25.6	308.5	-53.3
22		153 23.6	S20 26.1	331.3	-59.8
23		168 23.5	S20 26.6	000.1	-62.3
00	2027-11-24	183 23.3	S20 27.1	028.8	-59.8
01		198 23.1	S20 27.6	051.6	-53.3
02		213 22.9	S20 28.1	068.6	-44.6
03		228 22.7	S20 28.6	081.9	-35.0
04		243 22.6	S20 29.2	093.3	-25.0
05		258 22.4	S20 29.7	104.0	-15.1
06		273 22.2	S20 30.2	114.6	-05.7
07		288 22.0	S20 30.7	125.7	+03.2
08		303 21.9	S20 31.2	137.7	+10.5
09		318 21.7	S20 31.7	150.8	+16.3
10		333 21.5	S20 32.2	165.0	+20.0
11		348 21.3	S20 32.7	180.0	+21.3
12		3 21.1	S20 33.2	194.9	+20.0
13		18 20.9	S20 33.7	209.2	+16.3
14		33 20.8	S20 34.2	222.3	+10.4
15		48 20.6	S20 34.7	234.3	+03.1
16		63 20.4	S20 35.2	245.3	-05.8
17		78 20.2	S20 35.7	255.9	-15.2
18		93 20.0	S20 36.2	266.5	-25.1
19		108 19.9	S20 36.7	278.0	-35.0
20		123 19.7	S20 37.2	291.3	-44.7
21		138 19.5	S20 37.7	308.2	-53.4
22		153 19.3	S20 38.2	331.0	-59.9
23		168 19.1	S20 38.7	359.9	-62.5
00	2027-11-25	183 18.9	S20 39.2	028.8	-60.0
01		198 18.7	S20 39.7	051.7	-53.5
02		213 18.6	S20 40.2	068.7	-44.8
03		228 18.4	S20 40.7	082.0	-35.1
04		243 18.2	S20 41.2	093.4	-25.2
05		258 18.0	S20 41.7	104.1	-15.3
06		273 17.8	S20 42.2	114.7	-05.9
07		288 17.6	S20 42.7	125.8	+03.0
08		303 17.4	S20 43.2	137.7	+10.3
09		318 17.2	S20 43.7	150.8	+16.1
10		333 17.1	S20 44.2	165.0	+19.8
11		348 16.9	S20 44.6	179.9	+21.1
12		3 16.7	S20 45.1	194.8	+19.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		18 16.5	S20 45.6	209.0	+16.1
14		33 16.3	S20 46.1	222.1	+10.3
15		48 16.1	S20 46.6	234.1	+03.0
16		63 15.9	S20 47.1	245.1	-05.9
17		78 15.7	S20 47.6	255.7	-15.3
18		93 15.5	S20 48.1	266.3	-25.1
19		108 15.3	S20 48.5	277.7	-35.1
20		123 15.2	S20 49.0	291.0	-44.8
21		138 15.0	S20 49.5	307.9	-53.5
22		153 14.8	S20 50.0	330.7	-60.1
23		168 14.6	S20 50.5	359.8	-62.7
00	2027-11-26	183 14.4	S20 50.9	028.8	-60.2
01		198 14.2	S20 51.4	051.8	-53.7
02		213 14.0	S20 51.9	068.8	-45.0
03		228 13.8	S20 52.4	082.1	-35.3
04		243 13.6	S20 52.9	093.5	-25.4
05		258 13.4	S20 53.3	104.2	-15.5
06		273 13.2	S20 53.8	114.8	-06.1
07		288 13.0	S20 54.3	125.8	+02.8
08		303 12.8	S20 54.8	137.7	+10.1
09		318 12.6	S20 55.2	150.8	+15.9
10		333 12.4	S20 55.7	165.0	+19.6
11		348 12.2	S20 56.2	179.8	+20.9
12		3 12.0	S20 56.7	194.7	+19.7
13		18 11.8	S20 57.1	208.9	+15.9
14		33 11.6	S20 57.6	222.0	+10.2
15		48 11.4	S20 58.1	233.9	+02.9
16		63 11.2	S20 58.5	245.0	-06.0
17		78 11.0	S20 59.0	255.5	-15.4
18		93 10.9	S20 59.5	266.1	-25.2
19		108 10.7	S20 60.0	277.5	-35.2
20		123 10.5	S21 00.4	290.8	-44.9
21		138 10.3	S21 00.9	307.6	-53.6
22		153 10.1	S21 01.4	330.5	-60.2
23		168 09.9	S21 01.8	359.6	-62.9
00	2027-11-27	183 09.7	S21 02.3	028.8	-60.4
01		198 09.4	S21 02.7	051.9	-53.9
02		213 09.2	S21 03.2	068.9	-45.2
03		228 09.0	S21 03.7	082.2	-35.5
04		243 08.8	S21 04.1	093.6	-25.5
05		258 08.6	S21 04.6	104.3	-15.7

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		273 08.4	S21 05.1	114.8	-06.3
07		288 08.2	S21 05.5	125.9	+02.6
08		303 08.0	S21 06.0	137.8	+09.9
09		318 07.8	S21 06.4	150.8	+15.7
10		333 07.6	S21 06.9	164.9	+19.4
11		348 07.4	S21 07.4	179.8	+20.7
12		3 07.2	S21 07.8	194.6	+19.5
13		18 07.0	S21 08.3	208.7	+15.8
14		33 06.8	S21 08.7	221.8	+10.0
15		48 06.6	S21 09.2	233.7	+02.8
16		63 06.4	S21 09.6	244.8	-06.0
17		78 06.2	S21 10.1	255.3	-15.4
18		93 06.0	S21 10.5	265.9	-25.3
19		108 05.8	S21 11.0	277.3	-35.3
20		123 05.6	S21 11.4	290.5	-45.0
21		138 05.4	S21 11.9	307.4	-53.7
22		153 05.1	S21 12.3	330.2	-60.4
23		168 04.9	S21 12.8	359.4	-63.0
00	2027-11-28	183 04.7	S21 13.2	028.8	-60.6
01		198 04.5	S21 13.7	051.9	-54.1
02		213 04.3	S21 14.1	069.0	-45.4
03		228 04.1	S21 14.6	082.3	-35.7
04		243 03.9	S21 15.0	093.7	-25.7
05		258 03.7	S21 15.5	104.3	-15.9
06		273 03.5	S21 15.9	114.9	-06.5
07		288 03.3	S21 16.3	125.9	+02.4
08		303 03.1	S21 16.8	137.8	+09.7
09		318 02.8	S21 17.2	150.8	+15.5
10		333 02.6	S21 17.7	164.9	+19.2
11		348 02.4	S21 18.1	179.7	+20.6
12		3 02.2	S21 18.6	194.5	+19.3
13		18 02.0	S21 19.0	208.6	+15.7
14		33 01.8	S21 19.4	221.7	+09.9
15		48 01.6	S21 19.9	233.6	+02.7
16		63 01.4	S21 20.3	244.6	-06.1
17		78 01.1	S21 20.7	255.2	-15.5
18		93 00.9	S21 21.2	265.7	-25.4
19		108 00.7	S21 21.6	277.1	-35.4
20		123 00.5	S21 22.0	290.3	-45.1
21		138 00.3	S21 22.5	307.1	-53.8
22		153 00.1	S21 22.9	329.9	-60.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		167 59.9	S21 23.3	359.2	-63.2
00	2027-11-29	182 59.6	S21 23.8	028.8	-60.8
01		197 59.4	S21 24.2	052.0	-54.3
02		212 59.2	S21 24.6	069.1	-45.6
03		227 59.0	S21 25.1	082.4	-35.9
04		242 58.8	S21 25.5	093.8	-25.9
05		257 58.6	S21 25.9	104.4	-16.1
06		272 58.3	S21 26.3	114.9	-06.7
07		287 58.1	S21 26.8	125.9	+02.2
08		302 57.9	S21 27.2	137.8	+09.5
09		317 57.7	S21 27.6	150.8	+15.3
10		332 57.5	S21 28.0	164.8	+19.0
11		347 57.2	S21 28.5	179.6	+20.4
12		2 57.0	S21 28.9	194.4	+19.2
13		17 56.8	S21 29.3	208.5	+15.5
14		32 56.6	S21 29.7	221.5	+09.8
15		47 56.4	S21 30.2	233.4	+02.6
16		62 56.1	S21 30.6	244.4	-06.2
17		77 55.9	S21 31.0	255.0	-15.6
18		92 55.7	S21 31.4	265.5	-25.4
19		107 55.5	S21 31.8	276.9	-35.4
20		122 55.3	S21 32.2	290.0	-45.1
21		137 55.0	S21 32.7	306.8	-53.9
22		152 54.8	S21 33.1	329.6	-60.6
23		167 54.6	S21 33.5	359.1	-63.4
00	2027-11-30	182 54.4	S21 33.9	028.7	-61.0
01		197 54.1	S21 34.3	052.0	-54.4
02		212 53.9	S21 34.7	069.1	-45.7
03		227 53.7	S21 35.1	082.5	-36.1
04		242 53.5	S21 35.6	093.9	-26.1
05		257 53.2	S21 36.0	104.5	-16.2
06		272 53.0	S21 36.4	115.0	-06.8
07		287 52.8	S21 36.8	126.0	+02.1
08		302 52.6	S21 37.2	137.8	+09.3
09		317 52.3	S21 37.6	150.8	+15.1
10		332 52.1	S21 38.0	164.8	+18.9
11		347 51.9	S21 38.4	179.5	+20.2
12		2 51.7	S21 38.8	194.2	+19.0
13		17 51.4	S21 39.2	208.3	+15.4
14		32 51.2	S21 39.6	221.3	+09.7
15		47 51.0	S21 40.0	233.2	+02.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		62 50.8	S21 40.4	244.3	-06.3
17		77 50.5	S21 40.8	254.8	-15.6
18		92 50.3	S21 41.2	265.3	-25.5
19		107 50.1	S21 41.6	276.6	-35.5
20		122 49.8	S21 42.0	289.8	-45.2
21		137 49.6	S21 42.4	306.5	-54.0
22		152 49.4	S21 42.8	329.4	-60.8
23		167 49.2	S21 43.2	358.9	-63.5
00	2027-12-01	182 48.9	S21 43.6	028.7	-61.1
01		197 48.7	S21 44.0	052.1	-54.6
02		212 48.5	S21 44.4	069.2	-45.9
03		227 48.2	S21 44.8	082.5	-36.2
04		242 48.0	S21 45.2	093.9	-26.3
05		257 47.8	S21 45.6	104.5	-16.4
06		272 47.5	S21 46.0	115.0	-07.0
07		287 47.3	S21 46.4	126.0	+01.9
08		302 47.1	S21 46.8	137.8	+09.1
09		317 46.8	S21 47.2	150.7	+14.9
10		332 46.6	S21 47.6	164.7	+18.7
11		347 46.4	S21 48.0	179.4	+20.1
12		2 46.1	S21 48.3	194.1	+18.9
13		17 45.9	S21 48.7	208.2	+15.3
14		32 45.7	S21 49.1	221.2	+09.6
15		47 45.4	S21 49.5	233.1	+02.5
16		62 45.2	S21 49.9	244.1	-06.3
17		77 45.0	S21 50.3	254.6	-15.7
18		92 44.7	S21 50.7	265.1	-25.5
19		107 44.5	S21 51.0	276.4	-35.5
20		122 44.3	S21 51.4	289.5	-45.3
21		137 44.0	S21 51.8	306.3	-54.1
22		152 43.8	S21 52.2	329.1	-60.9
23		167 43.6	S21 52.6	358.7	-63.7
00	2027-12-02	182 43.3	S21 53.0	028.6	-61.3
01		197 43.1	S21 53.3	052.1	-54.8
02		212 42.9	S21 53.7	069.2	-46.1
03		227 42.6	S21 54.1	082.6	-36.4
04		242 42.4	S21 54.5	094.0	-26.4
05		257 42.1	S21 54.8	104.6	-16.6
06		272 41.9	S21 55.2	115.1	-07.2
07		287 41.7	S21 55.6	126.0	+01.7
08		302 41.4	S21 56.0	137.8	+09.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		317 41.2	S21 56.3	150.7	+14.8
10		332 40.9	S21 56.7	164.7	+18.5
11		347 40.7	S21 57.1	179.3	+19.9
12		2 40.5	S21 57.4	194.0	+18.8
13		17 40.2	S21 57.8	208.0	+15.2
14		32 40.0	S21 58.2	221.0	+09.5
15		47 39.7	S21 58.6	232.9	+02.4
16		62 39.5	S21 58.9	243.9	-06.4
17		77 39.3	S21 59.3	254.4	-15.7
18		92 39.0	S21 59.7	265.0	-25.6
19		107 38.8	S22 00.0	276.2	-35.6
20		122 38.5	S22 00.4	289.3	-45.3
21		137 38.3	S22 00.8	306.0	-54.2
22		152 38.1	S22 01.1	328.8	-61.0
23		167 37.8	S22 01.5	358.5	-63.8
00	2027-12-03	182 37.6	S22 01.8	028.6	-61.5
01		197 37.3	S22 02.2	052.1	-55.0
02		212 37.1	S22 02.6	069.3	-46.3
03		227 36.8	S22 02.9	082.6	-36.6
04		242 36.6	S22 03.3	094.0	-26.6
05		257 36.4	S22 03.6	104.6	-16.7
06		272 36.1	S22 04.0	115.1	-07.4
07		287 35.9	S22 04.4	126.0	+01.6
08		302 35.6	S22 04.7	137.8	+08.8
09		317 35.4	S22 05.1	150.7	+14.6
10		332 35.1	S22 05.4	164.6	+18.4
11		347 34.9	S22 05.8	179.2	+19.8
12		2 34.6	S22 06.1	193.9	+18.6
13		17 34.4	S22 06.5	207.9	+15.1
14		32 34.1	S22 06.8	220.9	+09.4
15		47 33.9	S22 07.2	232.8	+02.3
16		62 33.7	S22 07.5	243.8	-06.5
17		77 33.4	S22 07.9	254.3	-15.8
18		92 33.2	S22 08.2	264.8	-25.6
19		107 32.9	S22 08.6	276.0	-35.6
20		122 32.7	S22 08.9	289.1	-45.4
21		137 32.4	S22 09.3	305.7	-54.2
22		152 32.2	S22 09.6	328.5	-61.1
23		167 31.9	S22 10.0	358.2	-64.0
00	2027-12-04	182 31.7	S22 10.3	028.5	-61.6
01		197 31.4	S22 10.7	052.1	-55.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		212 31.2	S22 11.0	069.3	-46.4
03		227 30.9	S22 11.3	082.7	-36.7
04		242 30.7	S22 11.7	094.1	-26.8
05		257 30.4	S22 12.0	104.6	-16.9
06		272 30.2	S22 12.4	115.1	-07.5
07		287 29.9	S22 12.7	126.0	+01.4
08		302 29.7	S22 13.0	137.8	+08.6
09		317 29.4	S22 13.4	150.6	+14.4
10		332 29.2	S22 13.7	164.5	+18.2
11		347 28.9	S22 14.0	179.1	+19.6
12		2 28.7	S22 14.4	193.8	+18.5
13		17 28.4	S22 14.7	207.8	+15.0
14		32 28.2	S22 15.1	220.7	+09.4
15		47 27.9	S22 15.4	232.6	+02.3
16		62 27.7	S22 15.7	243.6	-06.5
17		77 27.4	S22 16.0	254.1	-15.8
18		92 27.1	S22 16.4	264.6	-25.6
19		107 26.9	S22 16.7	275.8	-35.6
20		122 26.6	S22 17.0	288.8	-45.4
21		137 26.4	S22 17.4	305.4	-54.3
22		152 26.1	S22 17.7	328.2	-61.2
23		167 25.9	S22 18.0	358.0	-64.1
00	2027-12-05	182 25.6	S22 18.3	028.4	-61.8
01		197 25.4	S22 18.7	052.1	-55.3
02		212 25.1	S22 19.0	069.4	-46.6
03		227 24.9	S22 19.3	082.7	-36.9
04		242 24.6	S22 19.6	094.1	-26.9
05		257 24.3	S22 20.0	104.7	-17.1
06		272 24.1	S22 20.3	115.1	-07.7
07		287 23.8	S22 20.6	126.0	+01.3
08		302 23.6	S22 20.9	137.8	+08.5
09		317 23.3	S22 21.3	150.6	+14.3
10		332 23.1	S22 21.6	164.5	+18.1
11		347 22.8	S22 21.9	179.0	+19.5
12		2 22.5	S22 22.2	193.6	+18.4
13		17 22.3	S22 22.5	207.6	+14.9
14		32 22.0	S22 22.8	220.6	+09.3
15		47 21.8	S22 23.2	232.5	+02.2
16		62 21.5	S22 23.5	243.5	-06.5
17		77 21.3	S22 23.8	253.9	-15.8
18		92 21.0	S22 24.1	264.4	-25.7
19		107 20.7	S22 24.4	275.6	-35.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		122 20.5	S22 24.7	288.6	-45.4
21		137 20.2	S22 25.0	305.2	-54.3
22		152 20.0	S22 25.3	327.9	-61.2
23		167 19.7	S22 25.6	357.8	-64.2
00	2027-12-06	182 19.4	S22 26.0	028.3	-62.0
01		197 19.2	S22 26.3	052.1	-55.5
02		212 18.9	S22 26.6	069.4	-46.7
03		227 18.7	S22 26.9	082.8	-37.0
04		242 18.4	S22 27.2	094.1	-27.1
05		257 18.1	S22 27.5	104.7	-17.2
06		272 17.9	S22 27.8	115.1	-07.8
07		287 17.6	S22 28.1	126.0	+01.1
08		302 17.3	S22 28.4	137.7	+08.3
09		317 17.1	S22 28.7	150.5	+14.1
10		332 16.8	S22 29.0	164.4	+17.9
11		347 16.6	S22 29.3	178.9	+19.4
12		2 16.3	S22 29.6	193.5	+18.3
13		17 16.0	S22 29.9	207.5	+14.8
14		32 15.8	S22 30.2	220.5	+09.2
15		47 15.5	S22 30.5	232.3	+02.2
16		62 15.2	S22 30.8	243.3	-06.6
17		77 15.0	S22 31.1	253.8	-15.9
18		92 14.7	S22 31.4	264.2	-25.7
19		107 14.5	S22 31.7	275.4	-35.7
20		122 14.2	S22 32.0	288.4	-45.4
21		137 13.9	S22 32.2	304.9	-54.4
22		152 13.7	S22 32.5	327.7	-61.3
23		167 13.4	S22 32.8	357.6	-64.4
00	2027-12-07	182 13.1	S22 33.1	028.2	-62.1
01		197 12.9	S22 33.4	052.1	-55.6
02		212 12.6	S22 33.7	069.4	-46.9
03		227 12.3	S22 34.0	082.8	-37.2
04		242 12.1	S22 34.3	094.2	-27.2
05		257 11.8	S22 34.6	104.7	-17.4
06		272 11.5	S22 34.8	115.1	-08.0
07		287 11.3	S22 35.1	126.0	+01.0
08		302 11.0	S22 35.4	137.7	+08.2
09		317 10.7	S22 35.7	150.5	+14.0
10		332 10.5	S22 36.0	164.3	+17.8
11		347 10.2	S22 36.3	178.8	+19.3
12		2 09.9	S22 36.5	193.4	+18.2

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		17 09.7	S22 36.8	207.4	+14.7
14		32 09.4	S22 37.1	220.3	+09.2
15		47 09.1	S22 37.4	232.2	+02.1
16		62 08.8	S22 37.7	243.2	-06.6
17		77 08.6	S22 37.9	253.6	-15.9
18		92 08.3	S22 38.2	264.1	-25.7
19		107 08.0	S22 38.5	275.2	-35.7
20		122 07.8	S22 38.8	288.2	-45.5
21		137 07.5	S22 39.0	304.7	-54.4
22		152 07.2	S22 39.3	327.4	-61.4
23		167 07.0	S22 39.6	357.3	-64.5
00	2027-12-08	182 06.7	S22 39.8	028.1	-62.2
01		197 06.4	S22 40.1	052.1	-55.8
02		212 06.1	S22 40.4	069.4	-47.0
03		227 05.9	S22 40.7	082.8	-37.4
04		242 05.6	S22 40.9	094.2	-27.4
05		257 05.3	S22 41.2	104.7	-17.5
06		272 05.1	S22 41.5	115.1	-08.1
07		287 04.8	S22 41.7	126.0	+00.9
08		302 04.5	S22 42.0	137.7	+08.0
09		317 04.2	S22 42.3	150.4	+13.8
10		332 04.0	S22 42.5	164.2	+17.7
11		347 03.7	S22 42.8	178.7	+19.1
12		2 03.4	S22 43.0	193.3	+18.1
13		17 03.2	S22 43.3	207.2	+14.6
14		32 02.9	S22 43.6	220.2	+09.1
15		47 02.6	S22 43.8	232.0	+02.1
16		62 02.3	S22 44.1	243.0	-06.6
17		77 02.1	S22 44.3	253.5	-15.9
18		92 01.8	S22 44.6	263.9	-25.7
19		107 01.5	S22 44.9	275.1	-35.7
20		122 01.2	S22 45.1	288.0	-45.5
21		137 01.0	S22 45.4	304.4	-54.4
22		152 00.7	S22 45.6	327.1	-61.4
23		167 00.4	S22 45.9	357.1	-64.6
00	2027-12-09	182 00.1	S22 46.1	028.0	-62.4
01		196 59.9	S22 46.4	052.0	-55.9
02		211 59.6	S22 46.6	069.4	-47.2
03		226 59.3	S22 46.9	082.8	-37.5
04		241 59.0	S22 47.1	094.2	-27.5
05		256 58.8	S22 47.4	104.7	-17.7

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		271 58.5	S22 47.6	115.1	-08.3
07		286 58.2	S22 47.9	126.0	+00.8
08		301 57.9	S22 48.1	137.6	+07.9
09		316 57.6	S22 48.4	150.4	+13.7
10		331 57.4	S22 48.6	164.2	+17.6
11		346 57.1	S22 48.9	178.6	+19.0
12		1 56.8	S22 49.1	193.2	+18.0
13		16 56.5	S22 49.3	207.1	+14.6
14		31 56.3	S22 49.6	220.0	+09.1
15		46 56.0	S22 49.8	231.9	+02.1
16		61 55.7	S22 50.1	242.9	-06.6
17		76 55.4	S22 50.3	253.3	-15.9
18		91 55.1	S22 50.6	263.8	-25.7
19		106 54.9	S22 50.8	274.9	-35.7
20		121 54.6	S22 51.0	287.8	-45.5
21		136 54.3	S22 51.3	304.2	-54.5
22		151 54.0	S22 51.5	326.8	-61.5
23		166 53.8	S22 51.7	356.8	-64.7
00	2027-12-10	181 53.5	S22 52.0	027.8	-62.5
01		196 53.2	S22 52.2	052.0	-56.0
02		211 52.9	S22 52.4	069.4	-47.3
03		226 52.6	S22 52.7	082.8	-37.6
04		241 52.4	S22 52.9	094.2	-27.7
05		256 52.1	S22 53.1	104.7	-17.8
06		271 51.8	S22 53.4	115.1	-08.4
07		286 51.5	S22 53.6	125.9	+00.6
08		301 51.2	S22 53.8	137.6	+07.7
09		316 50.9	S22 54.0	150.3	+13.6
10		331 50.7	S22 54.3	164.1	+17.4
11		346 50.4	S22 54.5	178.5	+19.0
12		1 50.1	S22 54.7	193.0	+17.9
13		16 49.8	S22 54.9	207.0	+14.5
14		31 49.5	S22 55.2	219.9	+09.1
15		46 49.3	S22 55.4	231.7	+02.1
16		61 49.0	S22 55.6	242.7	-06.6
17		76 48.7	S22 55.8	253.2	-15.9
18		91 48.4	S22 56.0	263.6	-25.7
19		106 48.1	S22 56.3	274.7	-35.7
20		121 47.8	S22 56.5	287.6	-45.5
21		136 47.6	S22 56.7	304.0	-54.5
22		151 47.3	S22 56.9	326.5	-61.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		166 47.0	S22 57.1	356.6	-64.7
00	2027-12-11	181 46.7	S22 57.4	027.7	-62.6
01		196 46.4	S22 57.6	051.9	-56.2
02		211 46.1	S22 57.8	069.4	-47.5
03		226 45.9	S22 58.0	082.8	-37.8
04		241 45.6	S22 58.2	094.2	-27.8
05		256 45.3	S22 58.4	104.7	-17.9
06		271 45.0	S22 58.6	115.1	-08.6
07		286 44.7	S22 58.8	125.9	+00.5
08		301 44.4	S22 59.0	137.5	+07.6
09		316 44.1	S22 59.3	150.2	+13.5
10		331 43.9	S22 59.5	164.0	+17.3
11		346 43.6	S22 59.7	178.4	+18.9
12		1 43.3	S22 59.9	192.9	+17.9
13		16 43.0	S23 00.1	206.8	+14.5
14		31 42.7	S23 00.3	219.8	+09.0
15		46 42.4	S23 00.5	231.6	+02.1
16		61 42.1	S23 00.7	242.6	-06.6
17		76 41.9	S23 00.9	253.0	-15.9
18		91 41.6	S23 01.1	263.5	-25.7
19		106 41.3	S23 01.3	274.6	-35.6
20		121 41.0	S23 01.5	287.4	-45.4
21		136 40.7	S23 01.7	303.7	-54.5
22		151 40.4	S23 01.9	326.3	-61.6
23		166 40.1	S23 02.1	356.3	-64.8
00	2027-12-12	181 39.8	S23 02.3	027.5	-62.7
01		196 39.6	S23 02.5	051.8	-56.3
02		211 39.3	S23 02.7	069.3	-47.6
03		226 39.0	S23 02.9	082.8	-37.9
04		241 38.7	S23 03.1	094.1	-27.9
05		256 38.4	S23 03.3	104.7	-18.1
06		271 38.1	S23 03.4	115.1	-08.7
07		286 37.8	S23 03.6	125.9	+00.4
08		301 37.5	S23 03.8	137.5	+07.5
09		316 37.2	S23 04.0	150.2	+13.4
10		331 37.0	S23 04.2	163.9	+17.2
11		346 36.7	S23 04.4	178.3	+18.8
12		1 36.4	S23 04.6	192.8	+17.8
13		16 36.1	S23 04.8	206.7	+14.4
14		31 35.8	S23 05.0	219.6	+09.0
15		46 35.5	S23 05.1	231.5	+02.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		61 35.2	S23 05.3	242.5	-06.6
17		76 34.9	S23 05.5	252.9	-15.9
18		91 34.6	S23 05.7	263.3	-25.6
19		106 34.3	S23 05.9	274.4	-35.6
20		121 34.1	S23 06.0	287.2	-45.4
21		136 33.8	S23 06.2	303.5	-54.5
22		151 33.5	S23 06.4	326.0	-61.6
23		166 33.2	S23 06.6	356.1	-64.9
00	2027-12-13	181 32.9	S23 06.8	027.4	-62.8
01		196 32.6	S23 06.9	051.8	-56.4
02		211 32.3	S23 07.1	069.3	-47.7
03		226 32.0	S23 07.3	082.7	-38.0
04		241 31.7	S23 07.5	094.1	-28.1
05		256 31.4	S23 07.6	104.6	-18.2
06		271 31.1	S23 07.8	115.0	-08.8
07		286 30.8	S23 08.0	125.8	+00.3
08		301 30.5	S23 08.2	137.4	+07.4
09		316 30.3	S23 08.3	150.1	+13.2
10		331 30.0	S23 08.5	163.8	+17.1
11		346 29.7	S23 08.7	178.2	+18.7
12		1 29.4	S23 08.8	192.7	+17.8
13		16 29.1	S23 09.0	206.6	+14.4
14		31 28.8	S23 09.2	219.5	+09.0
15		46 28.5	S23 09.3	231.4	+02.1
16		61 28.2	S23 09.5	242.3	-06.6
17		76 27.9	S23 09.7	252.8	-15.8
18		91 27.6	S23 09.8	263.2	-25.6
19		106 27.3	S23 10.0	274.2	-35.6
20		121 27.0	S23 10.1	287.0	-45.4
21		136 26.7	S23 10.3	303.3	-54.4
22		151 26.4	S23 10.5	325.7	-61.6
23		166 26.1	S23 10.6	355.8	-65.0
00	2027-12-14	181 25.8	S23 10.8	027.2	-62.9
01		196 25.6	S23 10.9	051.7	-56.5
02		211 25.3	S23 11.1	069.2	-47.8
03		226 25.0	S23 11.3	082.7	-38.2
04		241 24.7	S23 11.4	094.1	-28.2
05		256 24.4	S23 11.6	104.6	-18.3
06		271 24.1	S23 11.7	115.0	-08.9
07		286 23.8	S23 11.9	125.8	+00.2
08		301 23.5	S23 12.0	137.4	+07.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		316 23.2	S23 12.2	150.0	+13.1
10		331 22.9	S23 12.3	163.7	+17.1
11		346 22.6	S23 12.5	178.1	+18.6
12		1 22.3	S23 12.6	192.5	+17.7
13		16 22.0	S23 12.8	206.4	+14.4
14		31 21.7	S23 12.9	219.4	+09.0
15		46 21.4	S23 13.1	231.2	+02.1
16		61 21.1	S23 13.2	242.2	-06.6
17		76 20.8	S23 13.4	252.6	-15.8
18		91 20.5	S23 13.5	263.0	-25.6
19		106 20.2	S23 13.6	274.1	-35.5
20		121 19.9	S23 13.8	286.9	-45.4
21		136 19.6	S23 13.9	303.1	-54.4
22		151 19.3	S23 14.1	325.5	-61.6
23		166 19.0	S23 14.2	355.5	-65.0
00	2027-12-15	181 18.7	S23 14.3	027.0	-63.0
01		196 18.4	S23 14.5	051.6	-56.7
02		211 18.1	S23 14.6	069.2	-48.0
03		226 17.8	S23 14.8	082.7	-38.3
04		241 17.5	S23 14.9	094.1	-28.3
05		256 17.2	S23 15.0	104.6	-18.4
06		271 16.9	S23 15.2	114.9	-09.0
07		286 16.6	S23 15.3	125.7	+00.1
08		301 16.3	S23 15.4	137.3	+07.2
09		316 16.0	S23 15.6	149.9	+13.1
10		331 15.7	S23 15.7	163.6	+17.0
11		346 15.4	S23 15.8	178.0	+18.6
12		1 15.1	S23 16.0	192.4	+17.7
13		16 14.8	S23 16.1	206.3	+14.4
14		31 14.5	S23 16.2	219.2	+09.0
15		46 14.2	S23 16.3	231.1	+02.1
16		61 13.9	S23 16.5	242.1	-06.5
17		76 13.6	S23 16.6	252.5	-15.8
18		91 13.3	S23 16.7	262.9	-25.5
19		106 13.0	S23 16.8	274.0	-35.5
20		121 12.7	S23 17.0	286.7	-45.3
21		136 12.4	S23 17.1	302.9	-54.4
22		151 12.1	S23 17.2	325.2	-61.6
23		166 11.8	S23 17.3	355.3	-65.1
00	2027-12-16	181 11.5	S23 17.4	026.8	-63.1
01		196 11.2	S23 17.6	051.5	-56.8

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		211 10.9	S23 17.7	069.1	-48.1
03		226 10.6	S23 17.8	082.6	-38.4
04		241 10.3	S23 17.9	094.0	-28.4
05		256 10.0	S23 18.0	104.5	-18.6
06		271 09.7	S23 18.1	114.9	-09.2
07		286 09.4	S23 18.3	125.7	+00.0
08		301 09.1	S23 18.4	137.2	+07.1
09		316 08.8	S23 18.5	149.8	+13.0
10		331 08.5	S23 18.6	163.5	+16.9
11		346 08.2	S23 18.7	177.8	+18.5
12		1 07.9	S23 18.8	192.3	+17.6
13		16 07.6	S23 18.9	206.2	+14.4
14		31 07.3	S23 19.0	219.1	+09.0
15		46 07.0	S23 19.1	231.0	+02.1
16		61 06.7	S23 19.2	242.0	-06.5
17		76 06.4	S23 19.4	252.4	-15.7
18		91 06.1	S23 19.5	262.8	-25.5
19		106 05.8	S23 19.6	273.8	-35.5
20		121 05.5	S23 19.7	286.5	-45.3
21		136 05.2	S23 19.8	302.7	-54.4
22		151 04.9	S23 19.9	325.0	-61.6
23		166 04.6	S23 20.0	355.0	-65.1
00	2027-12-17	181 04.3	S23 20.1	026.6	-63.2
01		196 04.0	S23 20.2	051.3	-56.9
02		211 03.7	S23 20.3	069.0	-48.2
03		226 03.4	S23 20.4	082.5	-38.5
04		241 03.1	S23 20.5	094.0	-28.5
05		256 02.8	S23 20.6	104.5	-18.7
06		271 02.5	S23 20.7	114.8	-09.3
07		286 02.2	S23 20.8	125.6	-00.0
08		301 01.9	S23 20.9	137.2	+07.0
09		316 01.6	S23 20.9	149.8	+12.9
10		331 01.3	S23 21.0	163.4	+16.9
11		346 01.0	S23 21.1	177.7	+18.5
12		1 00.7	S23 21.2	192.2	+17.6
13		16 00.3	S23 21.3	206.1	+14.4
14		31 00.0	S23 21.4	219.0	+09.0
15		45 59.7	S23 21.5	230.9	+02.1
16		60 59.4	S23 21.6	241.9	-06.5
17		75 59.1	S23 21.7	252.3	-15.7
18		90 58.8	S23 21.7	262.7	-25.4
19		105 58.5	S23 21.8	273.7	-35.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		120 58.2	S23 21.9	286.4	-45.2
21		135 57.9	S23 22.0	302.5	-54.3
22		150 57.6	S23 22.1	324.7	-61.6
23		165 57.3	S23 22.2	354.7	-65.1
00	2027-12-18	180 57.0	S23 22.2	026.4	-63.3
01		195 56.7	S23 22.3	051.2	-57.0
02		210 56.4	S23 22.4	068.9	-48.3
03		225 56.1	S23 22.5	082.5	-38.6
04		240 55.8	S23 22.6	093.9	-28.6
05		255 55.5	S23 22.6	104.4	-18.8
06		270 55.2	S23 22.7	114.8	-09.4
07		285 54.8	S23 22.8	125.5	-00.1
08		300 54.5	S23 22.9	137.1	+06.9
09		315 54.2	S23 22.9	149.7	+12.8
10		330 53.9	S23 23.0	163.3	+16.8
11		345 53.6	S23 23.1	177.6	+18.5
12		0 53.3	S23 23.2	192.0	+17.6
13		15 53.0	S23 23.2	206.0	+14.4
14		30 52.7	S23 23.3	218.9	+09.0
15		45 52.4	S23 23.4	230.8	+02.2
16		60 52.1	S23 23.4	241.7	-06.4
17		75 51.8	S23 23.5	252.2	-15.6
18		90 51.5	S23 23.6	262.6	-25.4
19		105 51.2	S23 23.6	273.6	-35.3
20		120 50.9	S23 23.7	286.2	-45.2
21		135 50.6	S23 23.8	302.3	-54.3
22		150 50.2	S23 23.8	324.5	-61.6
23		165 49.9	S23 23.9	354.5	-65.1
00	2027-12-19	180 49.6	S23 23.9	026.2	-63.3
01		195 49.3	S23 24.0	051.1	-57.0
02		210 49.0	S23 24.1	068.8	-48.4
03		225 48.7	S23 24.1	082.4	-38.7
04		240 48.4	S23 24.2	093.8	-28.7
05		255 48.1	S23 24.2	104.3	-18.9
06		270 47.8	S23 24.3	114.7	-09.5
07		285 47.5	S23 24.4	125.4	-00.2
08		300 47.2	S23 24.4	137.0	+06.8
09		315 46.9	S23 24.5	149.6	+12.8
10		330 46.6	S23 24.5	163.2	+16.8
11		345 46.3	S23 24.6	177.5	+18.4
12		0 45.9	S23 24.6	191.9	+17.6

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		15 45.6	S23 24.7	205.8	+14.4
14		30 45.3	S23 24.7	218.8	+09.1
15		45 45.0	S23 24.8	230.7	+02.2
16		60 44.7	S23 24.8	241.6	-06.4
17		75 44.4	S23 24.9	252.1	-15.6
18		90 44.1	S23 24.9	262.5	-25.3
19		105 43.8	S23 25.0	273.5	-35.3
20		120 43.5	S23 25.0	286.1	-45.1
21		135 43.2	S23 25.0	302.1	-54.2
22		150 42.9	S23 25.1	324.3	-61.6
23		165 42.5	S23 25.1	354.2	-65.2
00	2027-12-20	180 42.2	S23 25.2	026.0	-63.4
01		195 41.9	S23 25.2	050.9	-57.1
02		210 41.6	S23 25.3	068.7	-48.5
03		225 41.3	S23 25.3	082.3	-38.8
04		240 41.0	S23 25.3	093.8	-28.8
05		255 40.7	S23 25.4	104.3	-19.0
06		270 40.4	S23 25.4	114.6	-09.5
07		285 40.1	S23 25.4	125.4	-00.3
08		300 39.8	S23 25.5	136.9	+06.8
09		315 39.5	S23 25.5	149.5	+12.7
10		330 39.1	S23 25.5	163.1	+16.7
11		345 38.8	S23 25.6	177.4	+18.4
12		0 38.5	S23 25.6	191.8	+17.6
13		15 38.2	S23 25.6	205.7	+14.4
14		30 37.9	S23 25.7	218.7	+09.1
15		45 37.6	S23 25.7	230.6	+02.3
16		60 37.3	S23 25.7	241.5	-06.3
17		75 37.0	S23 25.8	252.0	-15.5
18		90 36.7	S23 25.8	262.4	-25.2
19		105 36.4	S23 25.8	273.4	-35.2
20		120 36.1	S23 25.8	286.0	-45.0
21		135 35.7	S23 25.9	302.0	-54.2
22		150 35.4	S23 25.9	324.0	-61.5
23		165 35.1	S23 25.9	353.9	-65.2
00	2027-12-21	180 34.8	S23 25.9	025.7	-63.4
01		195 34.5	S23 26.0	050.7	-57.2
02		210 34.2	S23 26.0	068.6	-48.6
03		225 33.9	S23 26.0	082.2	-38.9
04		240 33.6	S23 26.0	093.7	-28.9
05		255 33.3	S23 26.0	104.2	-19.0

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
06		270 32.9	S23 26.0	114.5	-09.6
07		285 32.6	S23 26.1	125.3	-00.3
08		300 32.3	S23 26.1	136.8	+06.7
09		315 32.0	S23 26.1	149.4	+12.6
10		330 31.7	S23 26.1	162.9	+16.7
11		345 31.4	S23 26.1	177.3	+18.4
12		0 31.1	S23 26.1	191.7	+17.6
13		15 30.8	S23 26.1	205.6	+14.4
14		30 30.5	S23 26.2	218.6	+09.1
15		45 30.2	S23 26.2	230.5	+02.3
16		60 29.8	S23 26.2	241.5	-06.2
17		75 29.5	S23 26.2	251.9	-15.4
18		90 29.2	S23 26.2	262.3	-25.1
19		105 28.9	S23 26.2	273.3	-35.1
20		120 28.6	S23 26.2	285.8	-45.0
21		135 28.3	S23 26.2	301.8	-54.1
22		150 28.0	S23 26.2	323.8	-61.5
23		165 27.7	S23 26.2	353.6	-65.2
00	2027-12-22	180 27.4	S23 26.2	025.5	-63.5
01		195 27.0	S23 26.2	050.6	-57.3
02		210 26.7	S23 26.2	068.5	-48.6
03		225 26.4	S23 26.2	082.1	-39.0
04		240 26.1	S23 26.2	093.6	-29.0
05		255 25.8	S23 26.2	104.1	-19.1
06		270 25.5	S23 26.2	114.5	-09.7
07		285 25.2	S23 26.2	125.2	-01.0
08		300 24.9	S23 26.2	136.7	+06.6
09		315 24.6	S23 26.2	149.2	+12.6
10		330 24.2	S23 26.2	162.8	+16.7
11		345 23.9	S23 26.2	177.1	+18.4
12		0 23.6	S23 26.2	191.6	+17.6
13		15 23.3	S23 26.2	205.5	+14.5
14		30 23.0	S23 26.2	218.5	+09.2
15		45 22.7	S23 26.2	230.4	+02.4
16		60 22.4	S23 26.2	241.4	-06.2
17		75 22.1	S23 26.1	251.8	-15.3
18		90 21.8	S23 26.1	262.2	-25.1
19		105 21.4	S23 26.1	273.2	-35.0
20		120 21.1	S23 26.1	285.7	-44.9
21		135 20.8	S23 26.1	301.6	-54.0
22		150 20.5	S23 26.1	323.6	-61.4

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
23		165 20.2	S23 26.1	353.4	-65.1
00	2027-12-23	180 19.9	S23 26.0	025.2	-63.5
01		195 19.6	S23 26.0	050.4	-57.3
02		210 19.3	S23 26.0	068.4	-48.7
03		225 19.0	S23 26.0	082.0	-39.1
04		240 18.6	S23 26.0	093.5	-29.1
05		255 18.3	S23 25.9	104.0	-19.2
06		270 18.0	S23 25.9	114.4	-09.8
07		285 17.7	S23 25.9	125.1	-01.1
08		300 17.4	S23 25.9	136.6	+06.6
09		315 17.1	S23 25.8	149.1	+12.6
10		330 16.8	S23 25.8	162.7	+16.6
11		345 16.5	S23 25.8	177.0	+18.4
12		0 16.2	S23 25.8	191.5	+17.7
13		15 15.8	S23 25.7	205.4	+14.5
14		30 15.5	S23 25.7	218.4	+09.3
15		45 15.2	S23 25.7	230.3	+02.4
16		60 14.9	S23 25.7	241.3	-06.1
17		75 14.6	S23 25.6	251.7	-15.2
18		90 14.3	S23 25.6	262.1	-25.0
19		105 14.0	S23 25.6	273.1	-34.9
20		120 13.7	S23 25.5	285.6	-44.8
21		135 13.3	S23 25.5	301.5	-54.0
22		150 13.0	S23 25.5	323.4	-61.4
23		165 12.7	S23 25.4	353.1	-65.1
00	2027-12-24	180 12.4	S23 25.4	025.0	-63.5
01		195 12.1	S23 25.3	050.2	-57.4
02		210 11.8	S23 25.3	068.2	-48.8
03		225 11.5	S23 25.3	081.9	-39.1
04		240 11.2	S23 25.2	093.4	-29.2
05		255 10.9	S23 25.2	103.9	-19.3
06		270 10.5	S23 25.1	114.3	-09.8
07		285 10.2	S23 25.1	125.0	-01.2
08		300 09.9	S23 25.1	136.5	+06.5
09		315 09.6	S23 25.0	149.0	+12.5
10		330 09.3	S23 25.0	162.6	+16.6
11		345 09.0	S23 24.9	176.9	+18.4
12		0 08.7	S23 24.9	191.3	+17.7
13		15 08.4	S23 24.8	205.3	+14.6
14		30 08.1	S23 24.8	218.3	+09.3
15		45 07.7	S23 24.7	230.2	+02.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
16		60 07.4	S23 24.7	241.2	-06.0
17		75 07.1	S23 24.6	251.7	-15.2
18		90 06.8	S23 24.6	262.0	-24.9
19		105 06.5	S23 24.5	273.0	-34.9
20		120 06.2	S23 24.5	285.5	-44.7
21		135 05.9	S23 24.4	301.4	-53.9
22		150 05.6	S23 24.4	323.2	-61.3
23		165 05.3	S23 24.3	352.8	-65.1
00	2027-12-25	180 04.9	S23 24.3	024.7	-63.5
01		195 04.6	S23 24.2	050.0	-57.4
02		210 04.3	S23 24.1	068.1	-48.8
03		225 04.0	S23 24.1	081.8	-39.2
04		240 03.7	S23 24.0	093.3	-29.2
05		255 03.4	S23 24.0	103.8	-19.3
06		270 03.1	S23 23.9	114.2	-09.9
07		285 02.8	S23 23.8	124.9	-01.2
08		300 02.5	S23 23.8	136.4	+06.5
09		315 02.1	S23 23.7	148.9	+12.5
10		330 01.8	S23 23.6	162.5	+16.6
11		345 01.5	S23 23.6	176.8	+18.4
12		0 01.2	S23 23.5	191.2	+17.7
13		15 00.9	S23 23.5	205.2	+14.6
14		30 00.6	S23 23.4	218.2	+09.4
15		45 00.3	S23 23.3	230.1	+02.6
16		59 60.0	S23 23.2	241.1	-05.9
17		74 59.7	S23 23.2	251.6	-15.1
18		89 59.3	S23 23.1	262.0	-24.8
19		104 59.0	S23 23.0	272.9	-34.8
20		119 58.7	S23 23.0	285.4	-44.6
21		134 58.4	S23 22.9	301.2	-53.8
22		149 58.1	S23 22.8	323.0	-61.2
23		164 57.8	S23 22.7	352.6	-65.1
00	2027-12-26	179 57.5	S23 22.7	024.5	-63.6
01		194 57.2	S23 22.6	049.8	-57.5
02		209 56.9	S23 22.5	067.9	-48.9
03		224 56.6	S23 22.4	081.7	-39.3
04		239 56.2	S23 22.3	093.2	-29.3
05		254 55.9	S23 22.3	103.7	-19.4
06		269 55.6	S23 22.2	114.1	-10.0
07		284 55.3	S23 22.1	124.8	-01.3
08		299 55.0	S23 22.0	136.3	+06.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
09		314 54.7	S23 21.9	148.8	+12.5
10		329 54.4	S23 21.9	162.3	+16.6
11		344 54.1	S23 21.8	176.6	+18.4
12		359 53.8	S23 21.7	191.1	+17.8
13		14 53.5	S23 21.6	205.1	+14.7
14		29 53.1	S23 21.5	218.1	+09.5
15		44 52.8	S23 21.4	230.0	+02.7
16		59 52.5	S23 21.3	241.1	-05.8
17		74 52.2	S23 21.2	251.5	-15.0
18		89 51.9	S23 21.2	261.9	-24.7
19		104 51.6	S23 21.1	272.8	-34.6
20		119 51.3	S23 21.0	285.4	-44.5
21		134 51.0	S23 20.9	301.1	-53.7
22		149 50.7	S23 20.8	322.8	-61.1
23		164 50.4	S23 20.7	352.3	-65.0
00	2027-12-27	179 50.0	S23 20.6	024.2	-63.6
01		194 49.7	S23 20.5	049.6	-57.5
02		209 49.4	S23 20.4	067.8	-48.9
03		224 49.1	S23 20.3	081.5	-39.3
04		239 48.8	S23 20.2	093.1	-29.3
05		254 48.5	S23 20.1	103.6	-19.5
06		269 48.2	S23 20.0	114.0	-10.0
07		284 47.9	S23 19.9	124.7	-01.3
08		299 47.6	S23 19.8	136.2	+06.5
09		314 47.3	S23 19.7	148.7	+12.5
10		329 47.0	S23 19.6	162.2	+16.6
11		344 46.6	S23 19.5	176.5	+18.5
12		359 46.3	S23 19.4	191.0	+17.8
13		14 46.0	S23 19.3	205.0	+14.7
14		29 45.7	S23 19.2	218.0	+09.6
15		44 45.4	S23 19.1	230.0	+02.8
16		59 45.1	S23 19.0	241.0	-05.7
17		74 44.8	S23 18.8	251.5	-14.9
18		89 44.5	S23 18.7	261.9	-24.6
19		104 44.2	S23 18.6	272.8	-34.5
20		119 43.9	S23 18.5	285.3	-44.4
21		134 43.6	S23 18.4	301.0	-53.6
22		149 43.3	S23 18.3	322.6	-61.1
23		164 43.0	S23 18.2	352.1	-65.0
00	2027-12-28	179 42.6	S23 18.1	023.9	-63.5
01		194 42.3	S23 17.9	049.4	-57.5

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
02		209 42.0	S23 17.8	067.6	-49.0
03		224 41.7	S23 17.7	081.4	-39.4
04		239 41.4	S23 17.6	092.9	-29.4
05		254 41.1	S23 17.5	103.5	-19.5
06		269 40.8	S23 17.4	113.8	-10.0
07		284 40.5	S23 17.2	124.6	-01.3
08		299 40.2	S23 17.1	136.0	+06.4
09		314 39.9	S23 17.0	148.5	+12.5
10		329 39.6	S23 16.9	162.1	+16.7
11		344 39.3	S23 16.7	176.4	+18.5
12		359 39.0	S23 16.6	190.9	+17.9
13		14 38.6	S23 16.5	204.9	+14.8
14		29 38.3	S23 16.4	217.9	+09.6
15		44 38.0	S23 16.2	229.9	+02.9
16		59 37.7	S23 16.1	240.9	-05.6
17		74 37.4	S23 16.0	251.4	-14.7
18		89 37.1	S23 15.8	261.8	-24.5
19		104 36.8	S23 15.7	272.7	-34.4
20		119 36.5	S23 15.6	285.2	-44.3
21		134 36.2	S23 15.5	300.9	-53.5
22		149 35.9	S23 15.3	322.5	-61.0
23		164 35.6	S23 15.2	351.8	-64.9
00	2027-12-29	179 35.3	S23 15.1	023.7	-63.5
01		194 35.0	S23 14.9	049.2	-57.5
02		209 34.7	S23 14.8	067.4	-49.0
03		224 34.4	S23 14.6	081.2	-39.4
04		239 34.1	S23 14.5	092.8	-29.4
05		254 33.8	S23 14.4	103.4	-19.6
06		269 33.4	S23 14.2	113.7	-10.1
07		284 33.1	S23 14.1	124.4	-01.4
08		299 32.8	S23 13.9	135.9	+06.4
09		314 32.5	S23 13.8	148.4	+12.5
10		329 32.2	S23 13.7	162.0	+16.7
11		344 31.9	S23 13.5	176.3	+18.6
12		359 31.6	S23 13.4	190.8	+18.0
13		14 31.3	S23 13.2	204.8	+14.9
14		29 31.0	S23 13.1	217.8	+09.7
15		44 30.7	S23 12.9	229.8	+03.0
16		59 30.4	S23 12.8	240.9	-05.5
17		74 30.1	S23 12.6	251.4	-14.6
18		89 29.8	S23 12.5	261.8	-24.3
19		104 29.5	S23 12.3	272.7	-34.3

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
20		119 29.2	S23 12.2	285.2	-44.2
21		134 28.9	S23 12.0	300.8	-53.4
22		149 28.6	S23 11.9	322.3	-60.9
23		164 28.3	S23 11.7	351.6	-64.8
00	2027-12-30	179 28.0	S23 11.6	023.4	-63.5
01		194 27.7	S23 11.4	048.9	-57.6
02		209 27.4	S23 11.3	067.2	-49.1
03		224 27.1	S23 11.1	081.1	-39.5
04		239 26.8	S23 11.0	092.7	-29.5
05		254 26.5	S23 10.8	103.2	-19.6
06		269 26.1	S23 10.6	113.6	-10.1
07		284 25.8	S23 10.5	124.3	-01.4
08		299 25.5	S23 10.3	135.8	+06.4
09		314 25.2	S23 10.2	148.3	+12.5
10		329 24.9	S23 10.0	161.8	+16.7
11		344 24.6	S23 09.8	176.2	+18.6
12		359 24.3	S23 09.7	190.7	+18.0
13		14 24.0	S23 09.5	204.7	+15.0
14		29 23.7	S23 09.3	217.8	+09.8
15		44 23.4	S23 09.2	229.8	+03.1
16		59 23.1	S23 09.0	240.8	-05.4
17		74 22.8	S23 08.8	251.3	-14.5
18		89 22.5	S23 08.7	261.7	-24.2
19		104 22.2	S23 08.5	272.7	-34.2
20		119 21.9	S23 08.3	285.1	-44.0
21		134 21.6	S23 08.2	300.8	-53.2
22		149 21.3	S23 08.0	322.2	-60.8
23		164 21.0	S23 07.8	351.3	-64.8
00	2027-12-31	179 20.7	S23 07.7	023.1	-63.5
01		194 20.4	S23 07.5	048.7	-57.6
02		209 20.1	S23 07.3	067.0	-49.1
03		224 19.8	S23 07.1	080.9	-39.5
04		239 19.5	S23 06.9	092.5	-29.5
05		254 19.2	S23 06.8	103.1	-19.6
06		269 18.9	S23 06.6	113.5	-10.1
07		284 18.6	S23 06.4	124.2	-01.4
08		299 18.3	S23 06.2	135.7	+06.4
09		314 18.0	S23 06.1	148.2	+12.5
10		329 17.7	S23 05.9	161.7	+16.8
11		344 17.4	S23 05.7	176.0	+18.7
12		359 17.1	S23 05.5	190.6	+18.1

Fortsetzung auf nächster Seite...

UT	Datum	GHA	Dec	Azimut	Altitude
13		14 16.8	S23 05.3	204.6	+15.1
14		29 16.5	S23 05.1	217.7	+10.0
15		44 16.2	S23 05.0	229.7	+03.2
16		59 15.9	S23 04.8	240.8	-05.2
17		74 15.6	S23 04.6	251.3	-14.4
18		89 15.3	S23 04.4	261.7	-24.1
19		104 15.0	S23 04.2	272.6	-34.0
20		119 14.7	S23 04.0	285.1	-43.9
21		134 14.4	S23 03.8	300.7	-53.1
22		149 14.1	S23 03.6	322.0	-60.6
23		164 13.8	S23 03.4	351.1	-64.7