

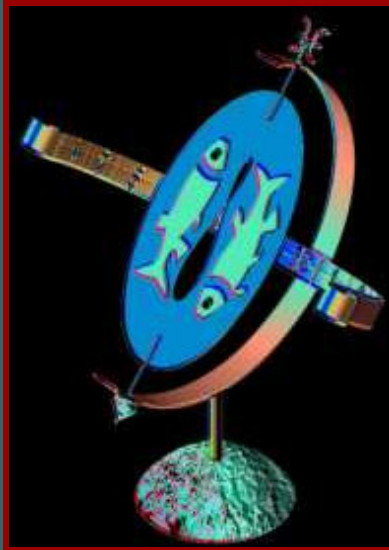
The Sundial Primer

Sundial Kits

Dialling Buddy

Dialling Guide

Correct-A-Dial



Snourthometer

Declinometer

Inclinometer

Check-A-Dial

Get Hooked on Gnomonics!

created by Carl Sabanski

www.mysundial.ca

2009

January

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

February

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

March

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

April

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

May

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

June

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

July

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

August

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

September

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

October

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

November

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

December

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

DEC:
Sun's Declination

January 2009

EoT:
Equation of Time
(Add to sundial time.)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 DEC: -22.97° EoT: 3 m 40 s	2 DEC: -22.88° EoT: 4 m 08 s	3 DEC: -22.78° EoT: 4 m 36 s
4 DEC: -22.68° EoT: 5 m 03 s	5 DEC: -22.56° EoT: 5 m 30 s	6 DEC: -22.44° EoT: 5 m 56 s	7 DEC: -22.32° EoT: 6 m 22 s	8 DEC: -22.18° EoT: 6 m 48 s	9 DEC: -22.04° EoT: 7 m 13 s	10 DEC: -21.89° EoT: 7 m 37 s
11 DEC: -21.74° EoT: 8 m 01 s	12 DEC: -21.57° EoT: 8 m 24 s	13 DEC: -21.40° EoT: 8 m 46 s	14 DEC: -21.23° EoT: 9 m 08 s	15 DEC: -21.05° EoT: 9 m 30 s	16 DEC: -20.85° EoT: 9 m 50 s	17 DEC: -20.66° EoT: 10 m 10 s
18 DEC: -20.46° EoT: 10 m 29 s	19 DEC: -20.25° EoT: 10 m 48 s	20 DEC: -20.03° EoT: 11 m 05 s	21 DEC: -19.81° EoT: 11 m 22 s	22 DEC: -19.58° EoT: 11 m 38 s	23 DEC: -19.34° EoT: 11 m 54 s	24 DEC: -19.10° EoT: 12 m 09 s
25 DEC: -18.86° EoT: 12 m 22 s	26 DEC: -18.61° EoT: 12 m 35 s	27 DEC: -18.35° EoT: 12 m 48 s	28 DEC: -18.08° EoT: 12 m 59 s	29 DEC: -17.82° EoT: 13 m 10 s	30 DEC: -17.54° EoT: 13 m 19 s	31 DEC: -17.26° EoT: 13 m 28 s

DEC:
Sun's Declination

February 2009

EoT:
Equation of Time
(Add to sundial time.)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 DEC: -16.98° EoT: 13 m 37 s	2 DEC: -16.69° EoT: 13 m 44 s	3 DEC: -16.40° EoT: 13 m 50 s	4 DEC: -16.10° EoT: 13 m 56 s	5 DEC: -15.79° EoT: 14 m 01 s	6 DEC: -15.49° EoT: 14 m 05 s	7 DEC: -15.17° EoT: 14 m 08 s
8 DEC: -14.86° EoT: 14 m 11 s	9 DEC: -14.54° EoT: 14 m 13 s	10 DEC: -14.21° EoT: 14 m 14 s	11 DEC: -13.88° EoT: 14 m 14 s	12 DEC: -13.55° EoT: 14 m 13 s	13 DEC: -13.22° EoT: 14 m 12 s	14 DEC: -12.88° EoT: 14 m 10 s
15 DEC: -12.53° EoT: 14 m 07 s	16 DEC: -12.19° EoT: 14 m 03 s	17 DEC: -11.84° EoT: 13 m 59 s	18 DEC: -11.48° EoT: 13 m 54 s	19 DEC: -11.13° EoT: 13 m 49 s	20 DEC: -10.77° EoT: 13 m 42 s	21 DEC: -10.41° EoT: 13 m 35 s
22 DEC: -10.04° EoT: 13 m 28 s	23 DEC: -9.68° EoT: 13 m 20 s	24 DEC: -9.31° EoT: 13 m 11 s	25 DEC: -8.93° EoT: 13 m 02 s	26 DEC: -8.56° EoT: 12 m 52 s	27 DEC: -8.18° EoT: 12 m 41 s	28 DEC: -7.81° EoT: 12 m 30 s

DEC:
Sun's Declination

March 2009

EoT:
Equation of Time
(Add to sundial time.)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 DEC: -7.43° EoT: 12 m 19 s	2 DEC: -7.05° EoT: 12 m 06 s	3 DEC: -6.66° EoT: 11 m 54 s	4 DEC: -6.28° EoT: 11 m 41 s	5 DEC: -5.89° EoT: 11 m 27 s	6 DEC: -5.50° EoT: 11 m 14 s	7 DEC: -5.11° EoT: 10 m 59 s
8 DEC: -4.72° EoT: 10 m 45 s	9 DEC: -4.33° EoT: 10 m 30 s	10 DEC: -3.94° EoT: 10 m 14 s	11 DEC: -3.55° EoT: 9 m 59 s	12 DEC: -3.16° EoT: 9 m 43 s	13 DEC: -2.76° EoT: 9 m 26 s	14 DEC: -2.37° EoT: 9 m 10 s
15 DEC: -1.97° EoT: 8 m 53 s	16 DEC: -1.58° EoT: 8 m 36 s	17 DEC: -1.18° EoT: 8 m 19 s	18 DEC: -0.79° EoT: 8 m 01 s	19 DEC: -0.39° EoT: 7 m 44 s	20 DEC: 0.01° EoT: 7 m 26 s	21 DEC: 0.40° EoT: 7 m 08 s
22 DEC: 0.79° EoT: 6 m 50 s	23 DEC: 1.19° EoT: 6 m 32 s	24 DEC: 1.58° EoT: 6 m 14 s	25 DEC: 1.98° EoT: 5 m 56 s	26 DEC: 2.37° EoT: 5 m 38 s	27 DEC: 2.76° EoT: 5 m 20 s	28 DEC: 3.15° EoT: 5 m 02 s
29 DEC: 3.54° EoT: 4 m 43 s	30 DEC: 3.93° EoT: 4 m 25 s	31 DEC: 4.32° EoT: 4 m 07 s				

DEC:
Sun's Declination

April 2009

EoT:
Equation of Time
(Add to sundial time.)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 DEC: 4.70° EoT: 3 m 50 s	2 DEC: 5.09° EoT: 3 m 32 s	3 DEC: 5.47° EoT: 3 m 14 s	4 DEC: 5.85° EoT: 2 m 57 s
5 DEC: 6.23° EoT: 2 m 40 s	6 DEC: 6.61° EoT: 2 m 22 s	7 DEC: 6.99° EoT: 2 m 06 s	8 DEC: 7.36° EoT: 1 m 49 s	9 DEC: 7.73° EoT: 1 m 33 s	10 DEC: 8.10° EoT: 1 m 16 s	11 DEC: 8.47° EoT: 1 m 00 s
12 DEC: 8.84° EoT: 0 m 45 s	13 DEC: 9.20° EoT: 0 m 30 s	14 DEC: 9.56° EoT: 0 m 15 s	15 DEC: 9.92° EoT: 0 m 00 s	16 DEC: 10.27° EoT: -0 m 14 s	17 DEC: 10.62° EoT: -0 m 28 s	19 DEC: 10.97° EoT: -0 m 41 s
19 DEC: 11.32° EoT: -0 m 54 s	20 DEC: 11.66° EoT: -1 m 07 s	21 DEC: 12.00° EoT: -1 m 19 s	22 DEC: 12.34° EoT: -1 m 31 s	23 DEC: 12.67° EoT: -1 m 42 s	24 DEC: 13.00° EoT: -1 m 53 s	25 DEC: 13.33° EoT: -2 m 04 s
26 DEC: 13.65° EoT: -2 m 14 s	27 DEC: 13.97° EoT: -2 m 23 s	28 DEC: 14.28° EoT: -2 m 32 s	29 DEC: 14.59° EoT: -2 m 40 s	30 DEC: 14.90° EoT: -2 m 48 s		

DEC:
Sun's Declination

May 2009

EoT:
Equation of Time
(Add to sundial time.)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 DEC: 15.20° EoT: -2 m 55 s	2 DEC: 15.50° EoT: -3 m 02 s
3 DEC: 15.80° EoT: -3 m 08 s	4 DEC: 16.09° EoT: -3 m 14 s	5 DEC: 16.37° EoT: -3 m 19 s	6 DEC: 16.65° EoT: -3 m 24 s	7 DEC: 16.93° EoT: -3 m 28 s	8 DEC: 17.20° EoT: -3 m 31 s	9 DEC: 17.47° EoT: -3 m 34 s
10 DEC: 17.73° EoT: -3 m 36 s	11 DEC: 17.99° EoT: -3 m 38 s	12 DEC: 18.24° EoT: -3 m 39 s	13 DEC: 18.49° EoT: -3 m 40 s	14 DEC: 18.73° EoT: -3 m 40 s	15 DEC: 18.97° EoT: -3 m 39 s	16 DEC: 19.20° EoT: -3 m 38 s
17 DEC: 19.42° EoT: -3 m 36 s	18 DEC: 19.64° EoT: -3 m 34 s	19 DEC: 19.86° EoT: -3 m 31 s	20 DEC: 20.07° EoT: -3 m 28 s	21 DEC: 20.27° EoT: -3 m 24 s	22 DEC: 20.47° EoT: -3 m 20 s	23 DEC: 20.66° EoT: -3 m 15 s
24/31 DEC: 20.85°/21.97° EoT: -3 m 09 s/ -2 m 18 s	25 DEC: 21.02° EoT: -3 m 03 s	26 DEC: 21.20° EoT: -2 m 57 s	27 DEC: 21.37° EoT: -2 m 50 s	28 DEC: 21.53° EoT: -2 m 43 s	29 DEC: 21.68° EoT: -2 m 35 s	30 DEC: 21.83° EoT: -2 m 27 s

DEC:
Sun's Declination

June 2009

EoT:
Equation of Time
(Add to sundial time.)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 DEC: 22.11° EoT: -2 m 09 s	2 DEC: 22.24° EoT: -1 m 59 s	3 DEC: 22.36° EoT: -1 m 50 s	4 DEC: 22.48° EoT: -1 m 39 s	5 DEC: 22.59° EoT: -1 m 29 s	6 DEC: 22.70° EoT: -1 m 18 s
7 DEC: 22.79° EoT: -1 m 07 s	8 DEC: 22.88° EoT: -0 m 55 s	9 DEC: 22.97° EoT: -0 m 44 s	10 DEC: 23.04° EoT: -0 m 32 s	11 DEC: 23.11° EoT: -0 m 20 s	12 DEC: 23.18° EoT: -0 m 07 s	13 DEC: 23.23° EoT: 0 m 05 s
14 DEC: 23.28° EoT: 0 m 18 s	15 DEC: 23.33° EoT: 0 m 31 s	16 DEC: 23.36° EoT: 0 m 44 s	17 DEC: 23.39° EoT: 0 m 57 s	18 DEC: 23.41° EoT: 1 m 10 s	19 DEC: 23.43° EoT: 1 m 23 s	20 DEC: 23.44° EoT: 1 m 36 s
21 DEC: 23.44° EoT: 1 m 49 s	22 DEC: 23.43° EoT: 2 m 02 s	23 DEC: 23.42° EoT: 2 m 15 s	24 DEC: 23.40° EoT: 2 m 28 s	25 DEC: 23.38° EoT: 2 m 41 s	26 DEC: 23.34° EoT: 2 m 53 s	27 DEC: 23.30° EoT: 3 m 06 s
28 DEC: 23.26° EoT: 3 m 18 s	29 DEC: 23.21° EoT: 3 m 30 s	30 DEC: 22.15° EoT: 3 m 42 s				

DEC:
Sun's Declination

July 2009

EoT:
Equation of Time
(Add to sundial time.)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 DEC: 23.08° EoT: 3 m 54 s	2 DEC: 23.00° EoT: 4 m 05 s	3 DEC: 22.92° EoT: 4 m 16 s	4 DEC: 22.84° EoT: 4 m 27 s
5 DEC: 22.74° EoT: 4 m 37 s	6 DEC: 22.64° EoT: 4 m 47 s	7 DEC: 22.54° EoT: 4 m 57 s	8 DEC: 22.43° EoT: 5 m 06 s	9 DEC: 22.31° EoT: 5 m 15 s	10 DEC: 22.18° EoT: 5 m 24 s	11 DEC: 22.05° EoT: 5 m 32 s
12 DEC: 21.91° EoT: 5 m 40 s	13 DEC: 21.76° EoT: 5 m 47 s	14 DEC: 21.61° EoT: 5 m 53 s	15 DEC: 21.46° EoT: 6 m 00 s	16 DEC: 21.29° EoT: 6 m 05 s	17 DEC: 21.12° EoT: 6 m 10 s	18 DEC: 20.95° EoT: 6 m 15 s
19 DEC: 20.77° EoT: 6 m 19 s	20 DEC: 20.58° EoT: 6 m 23 s	21 DEC: 20.39° EoT: 6 m 26 s	22 DEC: 20.19° EoT: 6 m 28 s	23 DEC: 19.99° EoT: 6 m 30 s	24 DEC: 19.78° EoT: 6 m 31 s	25 DEC: 19.56° EoT: 6 m 32 s
26 DEC: 19.34° EoT: 6 m 32 s	27 DEC: 19.11° EoT: 6 m 31 s	28 DEC: 18.88° EoT: 6 m 30 s	29 DEC: 18.65° EoT: 6 m 28 s	30 DEC: 18.41° EoT: 6 m 26 s	31 DEC: 18.16° EoT: 6 m 23 s	

DEC:
Sun's Declination

August 2009

EoT:
Equation of Time
(Add to sundial time.)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 DEC: 17.91° EoT: 6 m 19 s
2 DEC: 17.65° EoT: 6 m 15 s	3 DEC: 17.39° EoT: 6 m 10 s	4 DEC: 17.13° EoT: 6 m 05 s	5 DEC: 16.86° EoT: 5 m 59 s	6 DEC: 16.58° EoT: 5 m 52 s	7 DEC: 16.30° EoT: 5 m 45 s	8 DEC: 16.02° EoT: 5 m 37 s
9 DEC: 15.73° EoT: 5 m 29 s	10 DEC: 15.44° EoT: 5 m 20 s	11 DEC: 15.14° EoT: 5 m 11 s	12 DEC: 14.84° EoT: 5 m 00 s	13 DEC: 14.54° EoT: 4 m 50 s	14 DEC: 14.23° EoT: 4 m 39 s	15 DEC: 13.92° EoT: 4 m 27 s
16 DEC: 13.60° EoT: 4 m 15 s	17 DEC: 13.28° EoT: 4 m 02 s	18 DEC: 12.96° EoT: 3 m 49 s	19 DEC: 12.63° EoT: 3 m 35 s	20 DEC: 12.30° EoT: 3 m 21 s	21 DEC: 11.97° EoT: 3 m 06 s	22 DEC: 11.64° EoT: 2 m 51 s
23/30 DEC: 11.30°/8.85° EoT: 2 m 35 s/ 0 m 35 s	24/31 DEC: 10.96°/8.49° EoT: 2 m 19 s/ 0 m 16 s	25 DEC: 10.61° EoT: 2 m 03 s	26 DEC: 10.26° EoT: 1 m 46 s	27 DEC: 9.91° EoT: 1 m 28 s	28 DEC: 9.56° EoT: 1 m 11 s	29 DEC: 9.21° EoT: 0 m 53 s

DEC:
Sun's Declination

September 2009

EoT:
Equation of Time
(Add to sundial time.)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 DEC: 8.13° EoT: -0 m 03 s	2 DEC: 7.76° EoT: -0 m 22 s	3 DEC: 7.39° EoT: -0 m 42 s	4 DEC: 7.03° EoT: -1 m 02 s	5 DEC: 6.66° EoT: -1 m 22 s
6 DEC: 6.28° EoT: -1 m 42 s	7 DEC: 5.91° EoT: -2 m 02 s	8 DEC: 5.53° EoT: -2 m 23 s	9 DEC: 5.16° EoT: -2 m 44 s	10 DEC: 4.78° EoT: -3 m 05 s	11 DEC: 4.40° EoT: -3 m 26 s	12 DEC: 4.02° EoT: -3 m 47 s
13 DEC: 3.63° EoT: -4 m 08 s	14 DEC: 3.25° EoT: -4 m 30 s	15 DEC: 2.86° EoT: -4 m 51 s	16 DEC: 2.48° EoT: -5 m 12 s	17 DEC: 2.09° EoT: -5 m 34 s	18 DEC: 1.71° EoT: -5 m 55 s	19 DEC: 1.32° EoT: -6 m 17 s
20 DEC: 0.93° EoT: -6 m 38 s	21 DEC: 0.54° EoT: -6 m 59 s	22 DEC: 0.15° EoT: -7 m 20 s	23 DEC: -0.24° EoT: -7 m 41 s	24 DEC: -0.63° EoT: -8 m 02 s	25 DEC: -1.02° EoT: -8 m 23 s	26 DEC: -1.41° EoT: -8 m 44 s
27 DEC: -1.79° EoT: -9 m 04 s	28 DEC: -2.18° EoT: -9 m 24 s	29 DEC: -2.57° EoT: -9 m 44 s	30 DEC: -2.96° EoT: -10 m 04 s			

DEC:
Sun's Declination

October 2009

EoT:
Equation of Time
(Add to sundial time.)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 DEC: -3.35° EoT: -10 m 23 s	2 DEC: -3.74° EoT: -10 m 42 s	3 DEC: -4.12° EoT: -11 m 01 s
4 DEC: -4.51° EoT: -11 m 20 s	5 DEC: -4.89° EoT: -11 m 38 s	6 DEC: -5.28° EoT: -11 m 56 s	7 DEC: -5.66° EoT: -12 m 13 s	8 DEC: -6.04° EoT: -12 m 30 s	9 DEC: -6.42° EoT: -12 m 46 s	10 DEC: -6.80° EoT: -13 m 02 s
11 DEC: -7.18° EoT: -13 m 18 s	12 DEC: -7.55° EoT: -13 m 33 s	13 DEC: -7.93° EoT: -13 m 48 s	14 DEC: -8.30° EoT: -14 m 02 s	15 DEC: -8.67° EoT: -14 m 15 s	16 DEC: -9.04° EoT: -14 m 28 s	17 DEC: -9.40° EoT: -14 m 40 s
18 DEC: -9.77° EoT: -14 m 52 s	19 DEC: -10.13° EoT: -15 m 03 s	20 DEC: -10.49° EoT: -15 m 14 s	21 DEC: -10.84° EoT: -15 m 23 s	22 DEC: -11.20° EoT: -15 m 33 s	23 DEC: -11.55° EoT: -15 m 41 s	24 DEC: -11.90° EoT: -15 m 49 s
25 DEC: -12.24° EoT: -15 m 56 s	26 DEC: -12.58° EoT: -16 m 02 s	27 DEC: -12.92° EoT: -16 m 08 s	28 DEC: -13.26° EoT: -16 m 13 s	29 DEC: -13.59° EoT: -16 m 17 s	30 DEC: -13.92° EoT: -16 m 20 s	31 DEC: -14.24° EoT: -16 m 23 s

DEC:
Sun's Declination

November 2009

EoT:
Equation of Time
(Add to sundial time.)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 DEC: -14.56° EoT: -16 m 24 s	2 DEC: -14.88° EoT: -16 m 25 s	3 DEC: -15.19° EoT: -16 m 26 s	4 DEC: -15.50° EoT: -16 m 25 s	5 DEC: -15.80° EoT: -16 m 23 s	6 DEC: -16.10° EoT: -16 m 21 s	7 DEC: -16.40° EoT: -16 m 18 s
8 DEC: -16.69° EoT: -16 m 14 s	9 DEC: -16.98° EoT: -16 m 09 s	10 DEC: -17.26° EoT: -16 m 03 s	11 DEC: -17.53° EoT: -15 m 57 s	12 DEC: -17.80° EoT: -15 m 49 s	13 DEC: -18.07° EoT: -15 m 41 s	14 DEC: -18.33° EoT: -15 m 32 s
15 DEC: -18.59° EoT: -15 m 22 s	16 DEC: -18.84° EoT: -15 m 11 s	17 DEC: -19.08° EoT: -15 m 00 s	18 DEC: -19.32° EoT: -14 m 47 s	19 DEC: -19.55° EoT: -14 m 34 s	20 DEC: -19.78° EoT: -14 m 20 s	21 DEC: -20.00° EoT: -14 m 05 s
22 DEC: -20.22° EoT: -13 m 49 s	23 DEC: -20.43° EoT: -13 m 33 s	24 DEC: -20.63° EoT: -13 m 16 s	25 DEC: -20.83° EoT: -12 m 58 s	26 DEC: -21.02° EoT: -12 m 39 s	27 DEC: -21.20° EoT: -12 m 19 s	29 DEC: -21.38° EoT: -11 m 59 s
29 DEC: -21.55° EoT: -11 m 38 s	30 DEC: -21.71° EoT: -11 m 16 s					

DEC:
Sun's Declination

December 2009

EoT:
Equation of Time
(Add to sundial time.)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 DEC: -21.86° EoT: -10 m 54 s	2 DEC: -22.01° EoT: -10 m 31 s	3 DEC: -22.16° EoT: -10 m 08 s	4 DEC: -22.29° EoT: -9 m 44 s	5 DEC: -22.42° EoT: -9 m 19 s
6 DEC: -22.54° EoT: -8 m 54 s	7 DEC: -22.65° EoT: -8 m 28 s	8 DEC: -22.76° EoT: -8 m 02 s	9 DEC: -22.86° EoT: -7 m 35 s	10 DEC: -22.95° EoT: -7 m 08 s	11 DEC: -23.03° EoT: -6 m 40 s	12 DEC: -23.11° EoT: -6 m 13 s
13 DEC: -23.17° EoT: -5 m 44 s	14 DEC: -23.23° EoT: -5 m 16 s	15 DEC: -23.29° EoT: -4 m 47 s	16 DEC: -23.33° EoT: -4 m 18 s	17 DEC: -23.37° EoT: -3 m 49 s	18 DEC: -23.40° EoT: -3 m 19 s	19 DEC: -23.42° EoT: -2 m 50 s
20 DEC: -23.43° EoT: -2 m 20 s	21 DEC: -23.44° EoT: -1 m 50 s	22 DEC: -23.44° EoT: -1 m 20 s	23 DEC: -23.43° EoT: -0 m 50 s	24 DEC: -23.41° EoT: -0 m 20 s	25 DEC: -23.38° EoT: 0 m 09 s	26 DEC: -23.35° EoT: 0 m 39 s
27 DEC: -23.31° EoT: 1 m 09 s	28 DEC: -23.26° EoT: 1 m 38 s	29 DEC: -23.20° EoT: 2 m 07 s	30 DEC: -23.14° EoT: 2 m 36 s	31 DEC: -23.07° EoT: 3 m 05 s		