

Astronomical Applications Dept.
U.S. Naval Observatory
Washington, DC 20392-5420

IMPERIAL, NEBRASKA

⁰ ⁰
W101 38, N40 31

Altitude and Azimuth of the Sun
Aug 4, 2012
Mountain Daylight Time

	Altitude	Azimuth (E of N)
h m	o	o
04:40	-11.9	54.9
04:50	-10.4	56.7
05:00	-8.8	58.5
05:10	-7.1	60.3
05:20	-5.5	62.0
05:30	-3.8	63.7
05:40	-2.1	65.4
05:50	0.2	67.0
06:00	1.8	68.6
06:10	3.4	70.2
06:20	5.2	71.8
06:30	6.9	73.4
06:40	8.8	74.9
06:50	10.6	76.5
07:00	12.4	78.0
07:10	14.3	79.6
07:20	16.1	81.1
07:30	18.0	82.6
07:40	19.9	84.2
07:50	21.8	85.8
08:00	23.7	87.3
08:10	25.6	88.9
08:20	27.5	90.6
08:30	29.4	92.2
08:40	31.3	93.9
08:50	33.1	95.6
09:00	35.0	97.4
09:10	36.9	99.2
09:20	38.8	101.1
09:30	40.6	103.1
09:40	42.5	105.1
09:50	44.3	107.2
10:00	46.1	109.5
10:10	47.9	111.8
10:20	49.6	114.3
10:30	51.3	116.9
10:40	53.0	119.7
10:50	54.6	122.6
11:00	56.2	125.8
11:10	57.7	129.2
11:20	59.1	132.9
11:30	60.5	136.8
11:40	61.7	141.0
11:50	62.9	145.6
12:00	63.9	150.4
12:10	64.7	155.6

12:20	65.4	161.0
12:30	66.0	166.6
12:40	66.3	172.5
12:50	66.5	178.5
13:00	66.4	184.4
13:10	66.2	190.3
13:20	65.7	196.1
13:30	65.1	201.7
13:40	64.3	207.0
13:50	63.4	212.0
14:00	62.3	216.6
14:10	61.1	221.0
14:20	59.8	225.1
14:30	58.4	228.9
14:40	57.0	232.4
14:50	55.4	235.7
15:00	53.8	238.8
15:10	52.2	241.6
15:20	50.5	244.3
15:30	48.7	246.9
15:40	47.0	249.3
15:50	45.2	251.6
16:00	43.4	253.7
16:10	41.5	255.8
16:20	39.7	257.8
16:30	37.8	259.7
16:40	35.9	261.6
16:50	34.1	263.4
17:00	32.2	265.1
17:10	30.3	266.8
17:20	28.4	268.5
17:30	26.5	270.1
17:40	24.6	271.7
17:50	22.7	273.3
18:00	20.8	274.9
18:10	18.9	276.5
18:20	17.0	278.0
18:30	15.2	279.5
18:40	13.3	281.1
18:50	11.4	282.6
19:00	9.6	284.2
19:10	7.8	285.7
19:20	6.0	287.3
19:30	4.2	288.8
19:40	2.5	290.4
19:50	0.9	292.0
20:00	-1.3	293.7
20:10	-3.0	295.3
20:20	-4.7	297.0
20:30	-6.4	298.7
20:40	-8.0	300.4
20:50	-9.7	302.2
21:00	-11.3	304.0

[Back to form](#)