

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

HATCH, NEW MEXICO

° ' ° '
W107 10, N32 40

Altitude and Azimuth of the Sun
Jun 15, 2018

Mountain Daylight Time

		Altitude	Azimuth
			(E of N)
h	m	°	°
05:00		-11.5	52.4
05:10		-9.8	54.0
05:20		-8.1	55.5
05:30		-6.3	57.0
05:40		-4.6	58.5
05:50		-2.8	59.9
06:00		-0.9	61.3
06:10		1.3	62.6
06:20		3.1	64.0
06:30		4.9	65.2
06:40		6.8	66.5
06:50		8.7	67.7
07:00		10.6	69.0
07:10		12.6	70.2
07:20		14.6	71.3
07:30		16.5	72.5
07:40		18.6	73.7
07:50		20.6	74.8
08:00		22.6	76.0
08:10		24.6	77.1
08:20		26.7	78.2
08:30		28.8	79.4
08:40		30.8	80.5
08:50		32.9	81.6
09:00		35.0	82.8
09:10		37.1	84.0
09:20		39.2	85.2
09:30		41.3	86.4
09:40		43.4	87.6
09:50		45.5	88.9
10:00		47.6	90.2
10:10		49.7	91.6
10:20		51.8	93.1
10:30		53.9	94.6
10:40		56.0	96.3
10:50		58.1	98.0
11:00		60.1	99.9
11:10		62.2	102.0
11:20		64.3	104.3
11:30		66.3	106.8

11:40	68.3	109.8
11:50	70.2	113.1
12:00	72.1	117.1
12:10	74.0	121.9
12:20	75.7	127.6
12:30	77.3	134.8
12:40	78.7	143.6
12:50	79.8	154.4
13:00	80.5	167.2
13:10	80.7	181.2
13:20	80.4	195.0
13:30	79.6	207.5
13:40	78.5	218.0
13:50	77.0	226.5
14:00	75.4	233.4
14:10	73.7	239.0
14:20	71.8	243.6
14:30	69.9	247.4
14:40	68.0	250.7
14:50	66.0	253.6
15:00	63.9	256.1
15:10	61.9	258.4
15:20	59.8	260.4
15:30	57.7	262.3
15:40	55.6	264.0
15:50	53.5	265.6
16:00	51.4	267.2
16:10	49.3	268.6
16:20	47.2	270.0
16:30	45.1	271.3
16:40	43.0	272.6
16:50	40.9	273.8
17:00	38.8	275.1
17:10	36.7	276.2
17:20	34.7	277.4
17:30	32.6	278.6
17:40	30.5	279.7
17:50	28.4	280.8
18:00	26.4	282.0
18:10	24.3	283.1
18:20	22.3	284.3
18:30	20.3	285.4
18:40	18.2	286.5
18:50	16.2	287.7
19:00	14.2	288.9
19:10	12.3	290.1
19:20	10.3	291.3
19:30	8.4	292.5
19:40	6.5	293.7
19:50	4.6	295.0
20:00	2.8	296.3
20:10	1.0	297.6
20:20	-1.2	299.0
20:30	-3.0	300.3
20:40	-4.8	301.8
20:50	-6.6	303.2
21:00	-8.4	304.7
21:10	-10.1	306.3
21:20	-11.8	307.9

Sun and Moon Data for One Day

U.S. Naval Observatory Astronomical Applications Department

Hatch, Dona Ana County, NM (Longitude W107° 10', Latitude N32° 40')

Friday, June 15, 2018

Mountain Daylight Time

Sun

Begin civil twilight	5:32 a.m.
Sunrise	6:01 a.m.
Sun transit	1:09 p.m.
Sunset	8:18 p.m.
End civil twilight	8:47 p.m.

Moon

Moonrise	8:01 a.m.
Moon transit	3:14 p.m.
Moonset	10:24 p.m.

Closest Primary Moon Phase: New Moon on June 13, 2018 at 1:43 p.m. (local daylight time)

Phase of the Moon on June 15, 2018: Waxing Crescent with 6% of the Moon's visible disk illuminated.



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