

Astronomical Applications Dept.
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CHENNAI

$\overset{\circ}{} \text{ ' } \overset{\circ}{} \text{ '}$
E 80 27, N13 08

Altitude and Azimuth of the Sun
Mar 21, 2014
Zone: 5.30h East of Greenwich

	Altitude	Azimuth
		(E of N)
h m	$\overset{\circ}{}$	$\overset{\circ}{}$
05:20	-10.6	87.4
05:30	-8.1	88.0
05:40	-5.7	88.5
05:50	-3.3	89.1
06:00	-0.8	89.7
06:10	1.9	90.2
06:20	4.2	90.8
06:30	6.6	91.4
06:40	9.0	92.0
06:50	11.4	92.5
07:00	13.8	93.1
07:10	16.3	93.7
07:20	18.7	94.4
07:30	21.1	95.0
07:40	23.5	95.6
07:50	25.9	96.3
08:00	28.4	97.0
08:10	30.8	97.8
08:20	33.2	98.6
08:30	35.6	99.4
08:40	38.0	100.3
08:50	40.4	101.2
09:00	42.8	102.2
09:10	45.1	103.3
09:20	47.5	104.5
09:30	49.9	105.7
09:40	52.2	107.2
09:50	54.5	108.7
10:00	56.8	110.5
10:10	59.1	112.5
10:20	61.3	114.7
10:30	63.5	117.3
10:40	65.6	120.4
10:50	67.7	123.9
11:00	69.7	128.2
11:10	71.5	133.2
11:20	73.2	139.3
11:30	74.7	146.7
11:40	75.8	155.3
11:50	76.7	165.3
12:00	77.1	176.2

12:10	77.0	187.3
12:20	76.5	198.0
12:30	75.5	207.6
12:40	74.2	215.8
12:50	72.7	222.7
13:00	71.0	228.5
13:10	69.1	233.3
13:20	67.1	237.3
13:30	65.0	240.7
13:40	62.8	243.6
13:50	60.6	246.1
14:00	58.4	248.3
14:10	56.1	250.2
14:20	53.8	251.9
14:30	51.5	253.4
14:40	49.2	254.8
14:50	46.8	256.0
15:00	44.4	257.2
15:10	42.1	258.3
15:20	39.7	259.2
15:30	37.3	260.2
15:40	34.9	261.0
15:50	32.5	261.8
16:00	30.1	262.6
16:10	27.6	263.3
16:20	25.2	264.0
16:30	22.8	264.7
16:40	20.4	265.4
16:50	18.0	266.0
17:00	15.5	266.6
17:10	13.1	267.2
17:20	10.7	267.8
17:30	8.3	268.4
17:40	5.9	269.0
17:50	3.5	269.6
18:00	1.3	270.1
18:10	-1.5	270.7
18:20	-4.0	271.3
18:30	-6.4	271.8
18:40	-8.8	272.4
18:50	-11.3	273.0