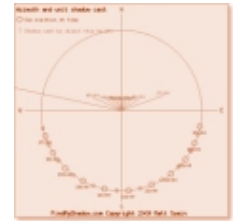


## Sun Position Charts

Select Location :: Select Date :: **Calculate Table & Chart** :: Print Report

This page shows the sun's position and shadow cast for the specific date and location you specified earlier.



## Your Results

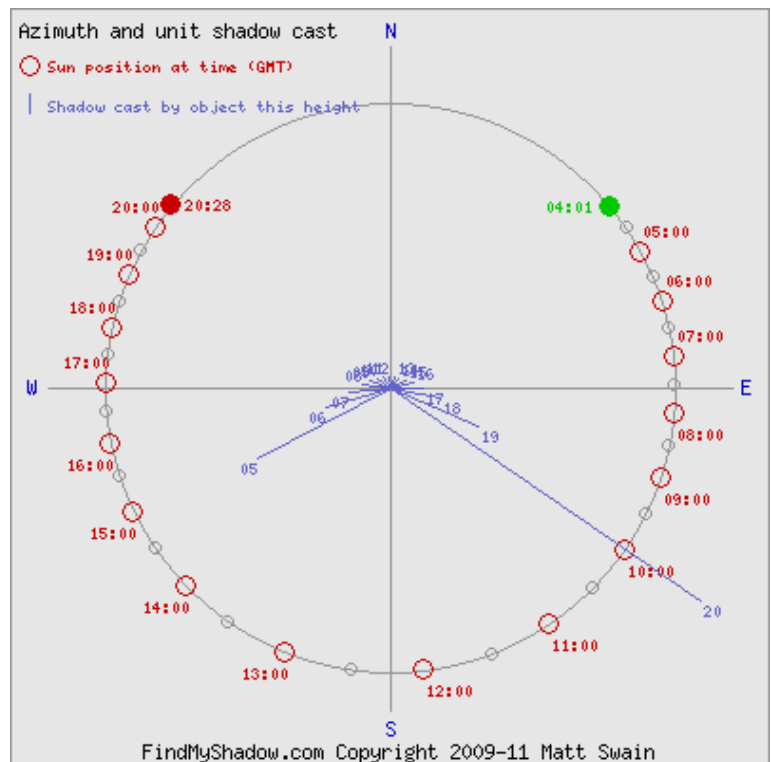
You specified the following details:

Location: 51.382° N Date: 01-07-2013 Timezone: (GMT)  
2.367° W

### Sun position table:

Local Time (GMT)	Azimuth (deg. from N)	Altitude (deg.)	Shadow length (multiplier)
04:01	50.273	RISE	-
04:30	55.876	3.165	18.084
05:00	61.520	7.162	7.958
05:30	67.052	11.376	4.970
06:00	72.524	15.766	3.542
06:30	78.000	20.289	2.705
07:00	83.551	24.906	2.154
07:30	89.264	29.574	1.762
08:00	95.242	34.248	1.469
08:30	101.614	38.875	1.240
09:00	108.541	43.391	1.058
09:30	116.222	47.717	0.909
10:00	124.896	51.746	0.788
10:30	134.821	55.339	0.691
11:00	146.213	58.317	0.617
11:30	159.110	60.469	0.566
12:00	173.189	61.591	0.541
12:30	187.706	61.553	0.542
13:00	201.727	60.359	0.569
13:30	214.533	58.147	0.621
14:00	225.827	55.123	0.697
14:30	235.664	51.496	0.796
15:00	244.266	47.443	0.918
15:30	251.891	43.101	1.069
16:00	258.777	38.574	1.254
16:30	265.119	33.941	1.486
17:00	271.076	29.264	1.785
17:30	276.774	24.596	2.185
18:00	282.317	19.981	2.750
18:30	287.790	15.462	3.615
19:00	293.264	11.079	5.107
19:30	298.801	6.874	8.295
20:00	304.453	2.889	19.818
20:28	309.871	SET	-

### Sun position chart:



### Notes:

All angles (azimuth) relative to true north, and not magnetic north, which varies by location

Times are in the local timezone set (GMT)

\* indicates a time on the following day (eg is sunset effectively occurs after midnight for the timezone setting selected)

Calculated in 0.0930 seconds.

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