



# LOCATION WORKS

## Sunrise / Sunset Predictions

London, England. Latitude 51° 30' North, longitude 0° -6' East

Day	Date	Civil Twilight	Sunrise Time	Sunrise Azimuth	Daylight Hours	Sunset Time	Sunset Azimuth	Civil Twilight	Moon Phase
Sun	29/8/10	05:32*	06:07*	77°	13:46	19:53*	289°	20:28*	☾
Mon	30/8/10	05:34*	06:09*	78°	13:42	19:51*	289°	20:26*	☾
Tue	31/8/10	05:35*	06:11*	78°	13:38	19:49*	288°	20:24*	☾
<b>Wed</b>	<b>1/9/10</b>	<b>05:37*</b>	<b>06:12*</b>	<b>79°</b>	<b>13:35</b>	<b>19:47*</b>	<b>288°</b>	<b>20:21*</b>	☾
Thu	2/9/10	05:39*	06:14*	80°	13:30	19:44*	287°	20:19*	☾
Fri	3/9/10	05:41*	06:15*	80°	13:27	19:42*	286°	20:17*	☾
Sat	4/9/10	05:42*	06:17*	81°	13:23	19:40*	286°	20:14*	☾

Magnetic Declination is **4° West**. Compass readings are **Magnetic North** - the calculations include the Declination (do not adjust your compass). Civil Twilight is defined as the time when the Sun is 6° below the horizon. Times followed by an asterisk are British Summer Time.

These figures assume a nautical horizon; if the horizon is obscured by mountains or buildings, use the location diagram below to estimate the azimuth (compass bearing) of rising/setting. If your application requires a high degree of accuracy, it is recommended that you use these figures merely as a guideline for your own observations.

— Moon phases: ● New Moon; ◐ First Quarter; ○ Full Moon; ◑ Last Quarter.

### Solar Location Diagram

This diagram shows the altitude and azimuth of the Sun from sunrise to sunset.

The radial lines indicate the azimuth (compass bearing) at 15° intervals.

The concentric circles indicate the altitude of the Sun at 10° intervals, from 0° on the horizon to 90° on the zenith.

London, England

Latitude 51° 30' North

Longitude 0° -6' East

Wed 1st Sept 2010

Time zone: 0

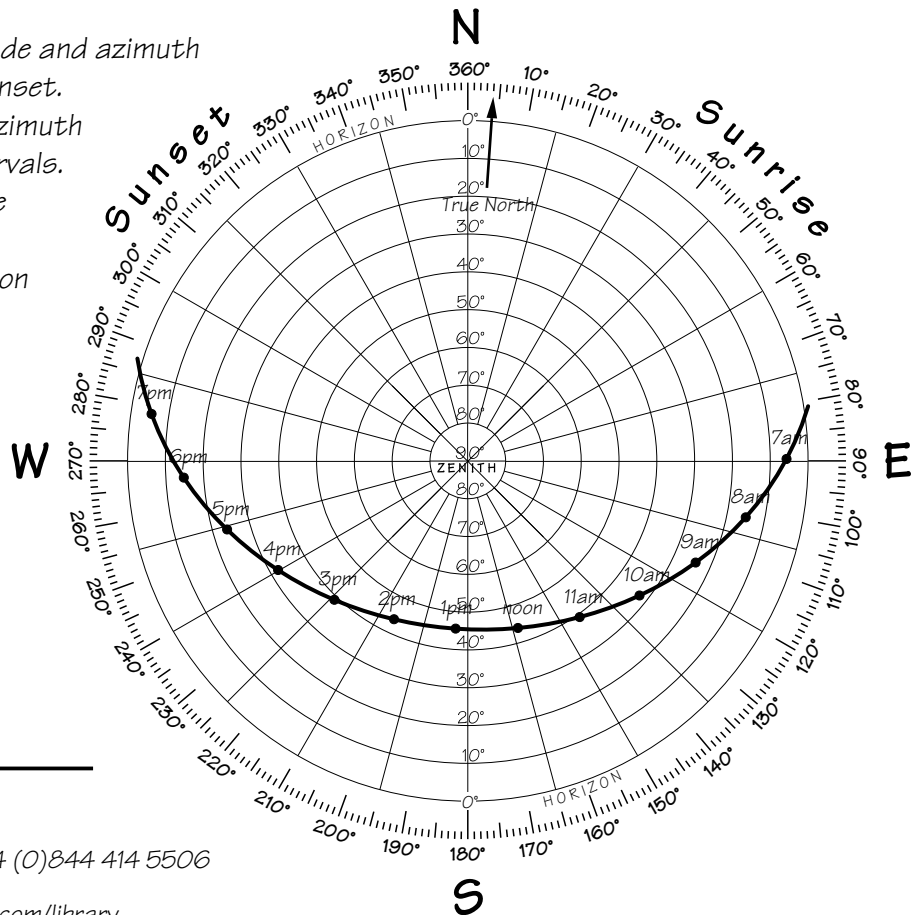
British Summer Time applies

Sunrise: 06:12, 79°

Sunset: 19:47, 288°

Sun's highest altitude: 45°

Moon phase: ◐



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