



# 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	25/7/10	04:31*	05:13*	59°	15:46	20:59*	307°	21:41*	☉
Mon	26/7/10	04:32*	05:15*	60°	15:42	20:57*	307°	21:39*	☉
Tue	27/7/10	04:34*	05:16*	60°	15:40	20:56*	306°	21:38*	☉
<b>Wed</b>	<b>28/7/10</b>	<b>04:36*</b>	<b>05:17*</b>	<b>61°</b>	<b>15:37</b>	<b>20:54*</b>	<b>306°</b>	<b>21:36*</b>	☉
Thu	29/7/10	04:37*	05:19*	61°	15:34	20:53*	306°	21:34*	☉
Fri	30/7/10	04:39*	05:20*	62°	15:31	20:51*	305°	21:32*	☉
Sat	31/7/10	04:41*	05:22*	62°	15:28	20:50*	305°	21:30*	☉

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 28th July 2010**

**Time zone: 0**

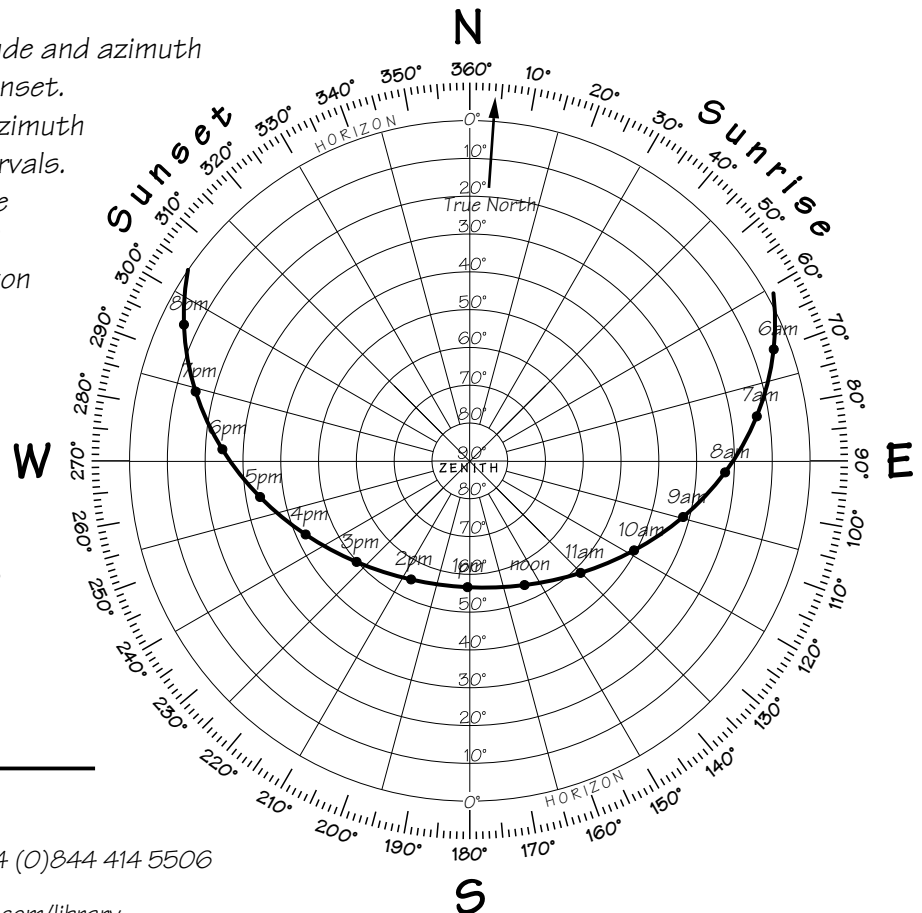
**British Summer Time applies**

**Sunrise: 05:17, 61°**

**Sunset: 20:54, 306°**

**Sun's highest altitude: 56°**

**Moon phase: ☉**



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