



# 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	26/7/09	04:33*	05:15*	60°	15:42	20:57*	307°	21:39*	☾
Mon	27/7/09	04:35*	05:16*	60°	15:40	20:56*	306°	21:37*	☾
Tue	28/7/09	04:36*	05:18*	61°	15:36	20:54*	306°	21:35*	☾
<b>Wed</b>	<b>29/7/09</b>	<b>04:38*</b>	<b>05:19*</b>	<b>61°</b>	<b>15:34</b>	<b>20:53*</b>	<b>305°</b>	<b>21:34*</b>	☾
Thu	30/7/09	04:40*	05:21*	62°	15:30	20:51*	305°	21:32*	☾
Fri	31/7/09	04:41*	05:22*	62°	15:27	20:49*	305°	21:30*	☾
Sat	1/8/09	04:43*	05:24*	63°	15:24	20:48*	304°	21:28*	☾

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 29th July 2009

Time zone: 0

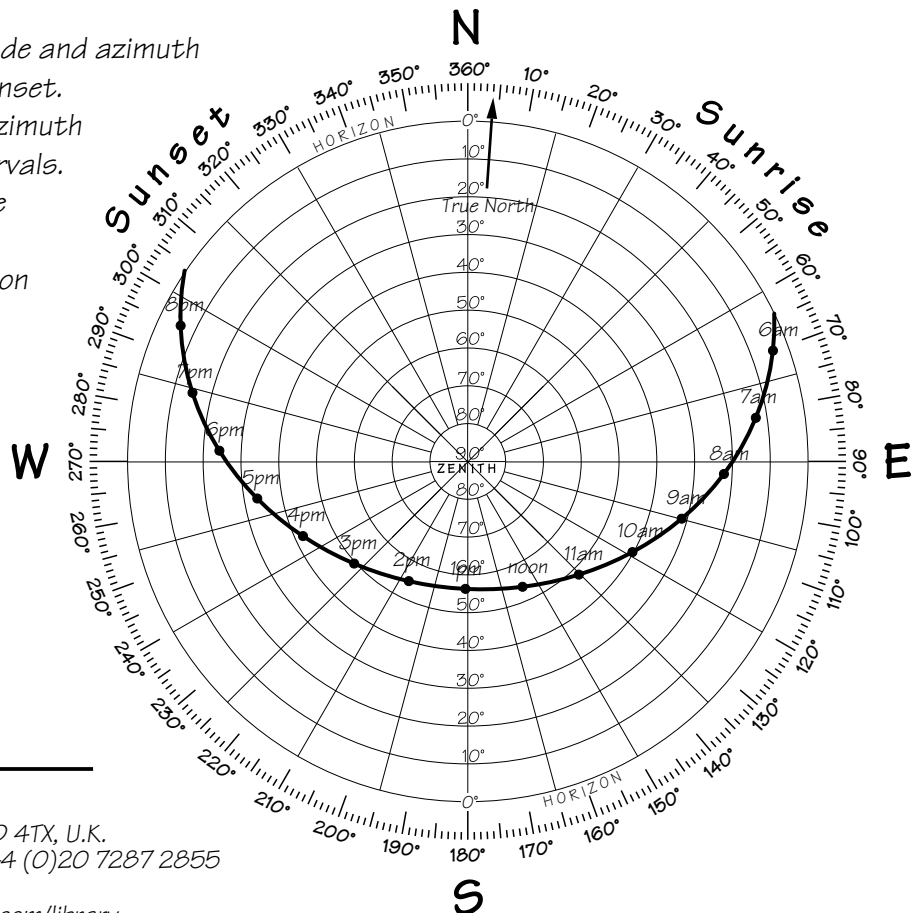
British Summer Time applies

Sunrise: 05:19, 61°

Sunset: 20:53, 305°

Sun's highest altitude: 56°

Moon phase: ◐



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