



# 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	7/6/09	03:58*	04:45*	54°	16:29	21:14*	313°	22:00*	○
Mon	8/6/09	03:57*	04:44*	54°	16:30	21:14*	314°	22:01*	○
Tue	9/6/09	03:57*	04:44*	53°	16:31	21:15*	314°	22:02*	○
<b>Wed</b>	<b>10/6/09</b>	<b>03:56*</b>	<b>04:43*</b>	<b>53°</b>	<b>16:33</b>	<b>21:16*</b>	<b>314°</b>	<b>22:03*</b>	○
Thu	11/6/09	03:56*	04:43*	53°	16:34	21:17*	314°	22:04*	○
Fri	12/6/09	03:55*	04:43*	53°	16:34	21:17*	314°	22:05*	○
Sat	13/6/09	03:55*	04:42*	53°	16:36	21:18*	314°	22:05*	○

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 10th June 2009**  
**Time zone: 0**  
**British Summer Time applies**  
**Sunrise: 04:43, 53°**  
**Sunset: 21:16, 314°**  
**Sun's highest altitude: 61°**  
**Moon phase: ○**

