



# 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	30/11/08	07:03	07:42	129°	8:13	15:55	238°	16:34	☾
Mon	1/12/08	07:05	07:44	129°	8:10	15:54	238°	16:33	☾
Tue	2/12/08	07:06	07:45	129°	8:09	15:54	238°	16:33	☾
<b>Wed</b>	<b>3/12/08</b>	<b>07:07</b>	<b>07:46</b>	<b>130°</b>	<b>8:07</b>	<b>15:53</b>	<b>237°</b>	<b>16:32</b>	☾
Thu	4/12/08	07:08	07:48	130°	8:05	15:53	237°	16:32	☾
Fri	5/12/08	07:09	07:49	130°	8:03	15:52	237°	16:32	☾
Sat	6/12/08	07:11	07:50	130°	8:02	15:52	237°	16:31	☾

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.

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 3rd Dec 2008  
 Time zone: 0  
 (no daylight saving)  
 Sunrise: 07:46, 130°  
 Sunset: 15:53, 237°  
 Sun's highest altitude: 15°  
 Moon phase: ◐

