



# 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	1/2/09	07:02	07:38	120°	9:12	16:50	247°	17:26	☾
Mon	2/2/09	07:00	07:37	120°	9:14	16:51	247°	17:27	☾
Tue	3/2/09	06:59	07:35	119°	9:18	16:53	248°	17:29	☾
<b>Wed</b>	<b>4/2/09</b>	<b>06:58</b>	<b>07:33</b>	<b>119°</b>	<b>9:22</b>	<b>16:55</b>	<b>248°</b>	<b>17:31</b>	☾
Thu	5/2/09	06:56	07:32	118°	9:25	16:57	249°	17:33	☾
Fri	6/2/09	06:54	07:30	118°	9:29	16:59	249°	17:34	☾
Sat	7/2/09	06:53	07:28	117°	9:33	17:01	250°	17:36	☾

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 4th Feb 2009  
 Time zone: 0  
 (no daylight saving)  
 Sunrise: 07:33, 119°  
 Sunset: 16:55, 248°  
 Sun's highest altitude: 23°  
 Moon phase: ◐

