



# 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	14/12/08	07:18	07:59	131°	7:52	15:51	235°	16:31	☉
Mon	15/12/08	07:19	07:59	132°	7:52	15:51	235°	16:31	☉
Tue	16/12/08	07:20	08:00	132°	7:51	15:51	235°	16:31	☉
<b>Wed</b>	<b>17/12/08</b>	<b>07:21</b>	<b>08:01</b>	<b>132°</b>	<b>7:50</b>	<b>15:51</b>	<b>235°</b>	<b>16:32</b>	☉
Thu	18/12/08	07:21	08:02	132°	7:50	15:52	235°	16:32	☉
Fri	19/12/08	07:22	08:02	132°	7:50	15:52	235°	16:32	☉
Sat	20/12/08	07:22	08:03	132°	7:50	15:53	235°	16:33	☉

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 17th Dec 2008**  
**Time zone: 0**  
**(no daylight saving)**  
**Sunrise: 08:01, 132°**  
**Sunset: 15:51, 235°**  
**Sun's highest altitude: 15°**  
**Moon phase: ☉**

