



# 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	21/12/08	07:23	08:03	132°	7:50	15:53	235°	16:33	☾
Mon	22/12/08	07:23	08:04	132°	7:50	15:54	235°	16:34	☾
Tue	23/12/08	07:24	08:04	132°	7:50	15:54	235°	16:34	☾
<b>Wed</b>	<b>24/12/08</b>	<b>07:24</b>	<b>08:05</b>	<b>132°</b>	<b>7:50</b>	<b>15:55</b>	<b>235°</b>	<b>16:35</b>	☾
Thu	25/12/08	07:25	08:05	132°	7:51	15:56	235°	16:36	☾
Fri	26/12/08	07:25	08:05	132°	7:51	15:56	235°	16:37	☾
Sat	27/12/08	07:25	08:05	132°	7:52	15:57	235°	16:37	●

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 24th Dec 2008  
 Time zone: 0  
 (no daylight saving)  
 Sunrise: 08:05, 132°  
 Sunset: 15:55, 235°  
 Sun's highest altitude: 15°  
 Moon phase: ●

