



# 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	25/1/09	07:11	07:48	124°	8:49	16:37	244°	17:14	☾
Mon	26/1/09	07:10	07:47	123°	8:52	16:39	244°	17:16	☾
Tue	27/1/09	07:09	07:45	123°	8:56	16:41	244°	17:18	☾
<b>Wed</b>	<b>28/1/09</b>	<b>07:07</b>	<b>07:44</b>	<b>122°</b>	<b>8:58</b>	<b>16:42</b>	<b>245°</b>	<b>17:19</b>	☾
Thu	29/1/09	07:06	07:43	122°	9:01	16:44	245°	17:21	☾
Fri	30/1/09	07:05	07:41	121°	9:05	16:46	246°	17:22	☾
Sat	31/1/09	07:03	07:40	121°	9:08	16:48	246°	17:24	☾

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 28th Jan 2009  
 Time zone: 0  
 (no daylight saving)  
 Sunrise: 07:44, 122°  
 Sunset: 16:42, 245°  
 Sun's highest altitude: 21°  
 Moon phase: ◐

