



# 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	22/2/09	06:26	07:00	109°	10:28	17:28	258°	18:02	☉
Mon	23/2/09	06:24	06:58	108°	10:32	17:30	259°	18:04	☉
Tue	24/2/09	06:22	06:56	108°	10:35	17:31	260°	18:05	☉
<b>Wed</b>	<b>25/2/09</b>	<b>06:20</b>	<b>06:53</b>	<b>107°</b>	<b>10:40</b>	<b>17:33</b>	<b>260°</b>	<b>18:07</b>	☉
Thu	26/2/09	06:18	06:51	106°	10:44	17:35	261°	18:09	☉
Fri	27/2/09	06:16	06:49	106°	10:48	17:37	261°	18:10	☉
Sat	28/2/09	06:14	06:47	105°	10:52	17:39	262°	18:12	☉

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 25th Feb 2009  
 Time zone: 0  
 (no daylight saving)  
 Sunrise: 06:53, 107°  
 Sunset: 17:33, 260°  
 Sun's highest altitude: 30°  
 Moon phase: ☉

