



# 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	29/11/09	07:02	07:40	128°	8:16	15:56	239°	16:35	☉
Mon	30/11/09	07:03	07:42	129°	8:13	15:55	238°	16:34	☉
Tue	1/12/09	07:04	07:43	129°	8:11	15:54	238°	16:33	☉
<b>Wed</b>	<b>2/12/09</b>	<b>07:06</b>	<b>07:45</b>	<b>129°</b>	<b>8:09</b>	<b>15:54</b>	<b>238°</b>	<b>16:33</b>	☉
Thu	3/12/09	07:07	07:46	129°	8:07	15:53	237°	16:32	☉
Fri	4/12/09	07:08	07:47	130°	8:06	15:53	237°	16:32	☉
Sat	5/12/09	07:09	07:49	130°	8:03	15:52	237°	16:32	☉

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 2nd Dec 2009  
 Time zone: 0  
 (no daylight saving)  
 Sunrise: 07:45, 129°  
 Sunset: 15:54, 238°  
 Sun's highest altitude: 16°  
 Moon phase: ○

