



# 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	6/12/09	07:10	07:50	130°	8:02	15:52	237°	16:31	☉
Mon	7/12/09	07:11	07:51	130°	8:01	15:52	237°	16:31	☉
Tue	8/12/09	07:12	07:52	131°	7:59	15:51	236°	16:31	☉
<b>Wed</b>	<b>9/12/09</b>	<b>07:13</b>	<b>07:53</b>	<b>131°</b>	<b>7:58</b>	<b>15:51</b>	<b>236°</b>	<b>16:31</b>	☉
Thu	10/12/09	07:14	07:54	131°	7:57	15:51	236°	16:31	☉
Fri	11/12/09	07:15	07:55	131°	7:56	15:51	236°	16:31	☉
Sat	12/12/09	07:16	07:56	131°	7:55	15:51	236°	16:31	☉

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 9th Dec 2009  
 Time zone: 0  
 (no daylight saving)  
 Sunrise: 07:53, 131°  
 Sunset: 15:51, 236°  
 Sun's highest altitude: 15°  
 Moon phase: ◐

