



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	27/12/09	07:25	08:05	132°	7:52	15:57	235°	16:37	☾
Mon	28/12/09	07:25	08:05	132°	7:53	15:58	235°	16:38	☾
Tue	29/12/09	07:25	08:06	131°	7:53	15:59	236°	16:39	☾
Wed	30/12/09	07:26	08:06	131°	7:54	16:00	236°	16:40	☾
Thu	31/12/09	07:26	08:06	131°	7:55	16:01	236°	16:41	☾
Fri	1/1/10	07:26	08:06	131°	7:56	16:02	236°	16:41	☾
Sat	2/1/10	07:26	08:05	131°	7:58	16:03	236°	16:42	☾

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 30th Dec 2009
Time zone: 0
(no daylight saving)
Sunrise: 08:06, 131°
Sunset: 16:00, 236°
Sun's highest altitude: 15°
Moon phase: ☾

