



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	20/12/09	07:22	08:03	132°	7:49	15:52	235°	16:33	☾
Mon	21/12/09	07:23	08:03	132°	7:50	15:53	235°	16:33	☾
Tue	22/12/09	07:23	08:04	132°	7:49	15:53	235°	16:34	☾
Wed	23/12/09	07:24	08:04	132°	7:50	15:54	235°	16:34	☾
Thu	24/12/09	07:24	08:05	132°	7:50	15:55	235°	16:35	☾
Fri	25/12/09	07:25	08:05	132°	7:50	15:55	235°	16:36	☾
Sat	26/12/09	07:25	08:05	132°	7:51	15:56	235°	16:36	☾

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 23rd Dec 2009
Time zone: 0
(no daylight saving)
Sunrise: 08:04, 132°
Sunset: 15:54, 235°
Sun's highest altitude: 15°
Moon phase: ☾

