



# 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	21/11/10	06:50	07:28	125°	8:35	16:03	241°	16:41	○
Mon	22/11/10	06:51	07:29	126°	8:33	16:02	241°	16:40	○
Tue	23/11/10	06:53	07:31	126°	8:30	16:01	241°	16:39	○
<b>Wed</b>	<b>24/11/10</b>	<b>06:54</b>	<b>07:32</b>	<b>127°</b>	<b>8:28</b>	<b>16:00</b>	<b>240°</b>	<b>16:38</b>	○
Thu	25/11/10	06:56	07:34	127°	8:25	15:59	240°	16:37	○
Fri	26/11/10	06:57	07:36	127°	8:22	15:58	240°	16:37	○
Sat	27/11/10	06:59	07:37	128°	8:20	15:57	239°	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 24th Nov 2010

Time zone: 0

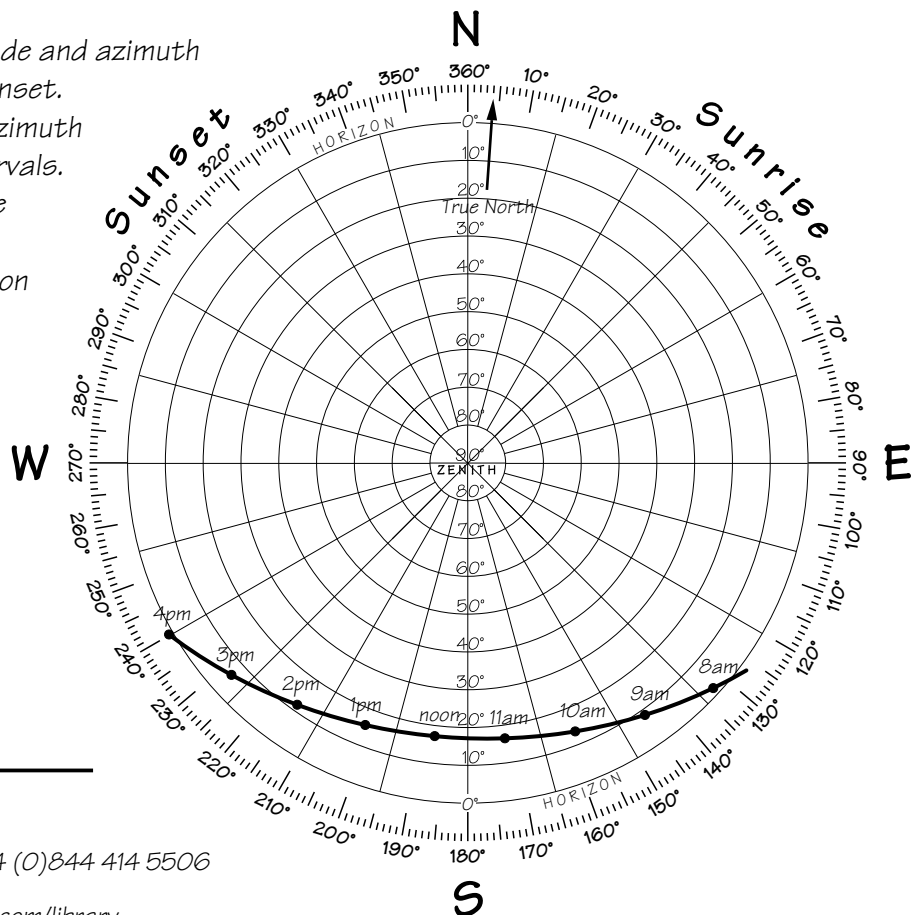
(no daylight saving)

Sunrise: 07:32, 127°

Sunset: 16:00, 240°

Sun's highest altitude: 17°

Moon phase: ○



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