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 | 31/10/10 | 06:16 | 06:51 | 115° | 9:44 | 16:35 | 251° | 17:10 | ◑ |
| Mon | 1/11/10 | 06:18 | 06:53 | 116° | 9:40 | 16:33 | 251° | 17:08 | ◑ |
| Tue | 2/11/10 | 06:20 | 06:55 | 116° | 9:36 | 16:31 | 250° | 17:07 | ◑ |
| **Wed** | **3/11/10** | **06:21** | **06:57** | **117°** | **9:33** | **16:30** | **250°** | **17:05** | ◑ |
| Thu | 4/11/10 | 06:23 | 06:58 | 118° | 9:30 | 16:28 | 249° | 17:03 | ◑ |
| Fri | 5/11/10 | 06:25 | 07:00 | 118° | 9:26 | 16:26 | 249° | 17:02 | ● |
| Sat | 6/11/10 | 06:26 | 07:02 | 119° | 9:22 | 16:24 | 248° | 17:00 | ◑ |

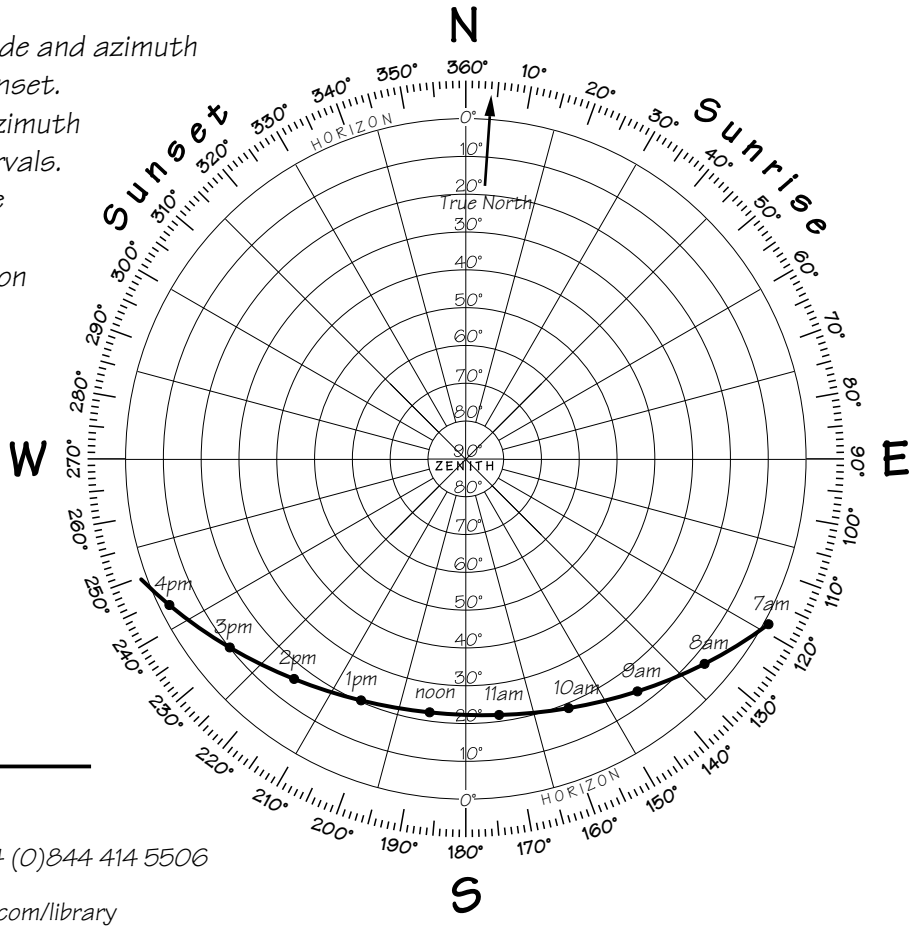
Magnetic Declination is **4° West.** Compass readings are **Magnetic North** - the calculations include the Declination (do not adjust your compass). Civil Twilight is defined as the time when the Sun is 6° below the horizon.

*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 3rd Nov 2010**
**Time zone: 0**
**(no daylight saving)**
**Sunrise: 06:57, 117°**
**Sunset: 16:30, 250°**
**Sun's highest altitude: 22°**
**Moon phase: ◑**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