



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 | 3/1/10 | 07:25 | 08:05 | 131° | 7:59 | 16:04 | 236° | 16:44 | ☾ |
| Mon | 4/1/10 | 07:25 | 08:05 | 131° | 8:00 | 16:05 | 237° | 16:45 | ☾ |
| Tue | 5/1/10 | 07:25 | 08:05 | 130° | 8:01 | 16:06 | 237° | 16:46 | ☾ |
| Wed | 6/1/10 | 07:25 | 08:04 | 130° | 8:03 | 16:07 | 237° | 16:47 | ☾ |
| Thu | 7/1/10 | 07:25 | 08:04 | 130° | 8:05 | 16:09 | 237° | 16:48 | ☾ |
| Fri | 8/1/10 | 07:24 | 08:04 | 130° | 8:06 | 16:10 | 237° | 16:49 | ☾ |
| Sat | 9/1/10 | 07:24 | 08:03 | 129° | 8:08 | 16:11 | 238° | 16:50 | ☾ |

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 6th Jan 2010

Time zone: 0

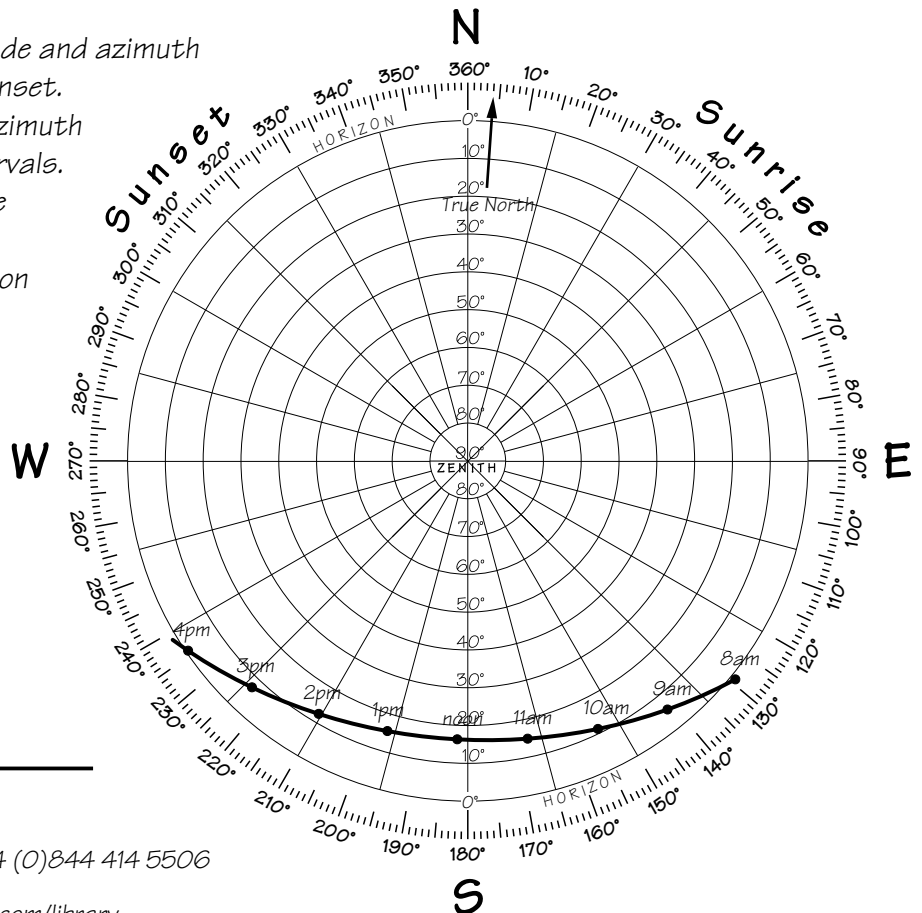
(no daylight saving)

Sunrise: 08:04, 130°

Sunset: 16:07, 237°

Sun's highest altitude: 16°

Moon phase: ☾



© Location Works Ltd 2010

tel: +44 (0)844 414 5505 fax: +44 (0)844 414 5506

email: info@locationworks.com

Location library: www.locationworks.com/library