



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	19/12/10	07:22	08:02	132°	7:50	15:52	235°	16:32	☉
Mon	20/12/10	07:22	08:02	132°	7:50	15:52	235°	16:33	☉
Tue	21/12/10	07:23	08:03	132°	7:50	15:53	235°	16:33	☉
Wed	22/12/10	07:23	08:04	132°	7:49	15:53	235°	16:34	☉
Thu	23/12/10	07:24	08:04	132°	7:50	15:54	235°	16:34	☉
Fri	24/12/10	07:24	08:04	132°	7:50	15:54	235°	16:35	☉
Sat	25/12/10	07:24	08:05	132°	7:50	15:55	235°	16:35	☉

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 22nd Dec 2010

Time zone: 0

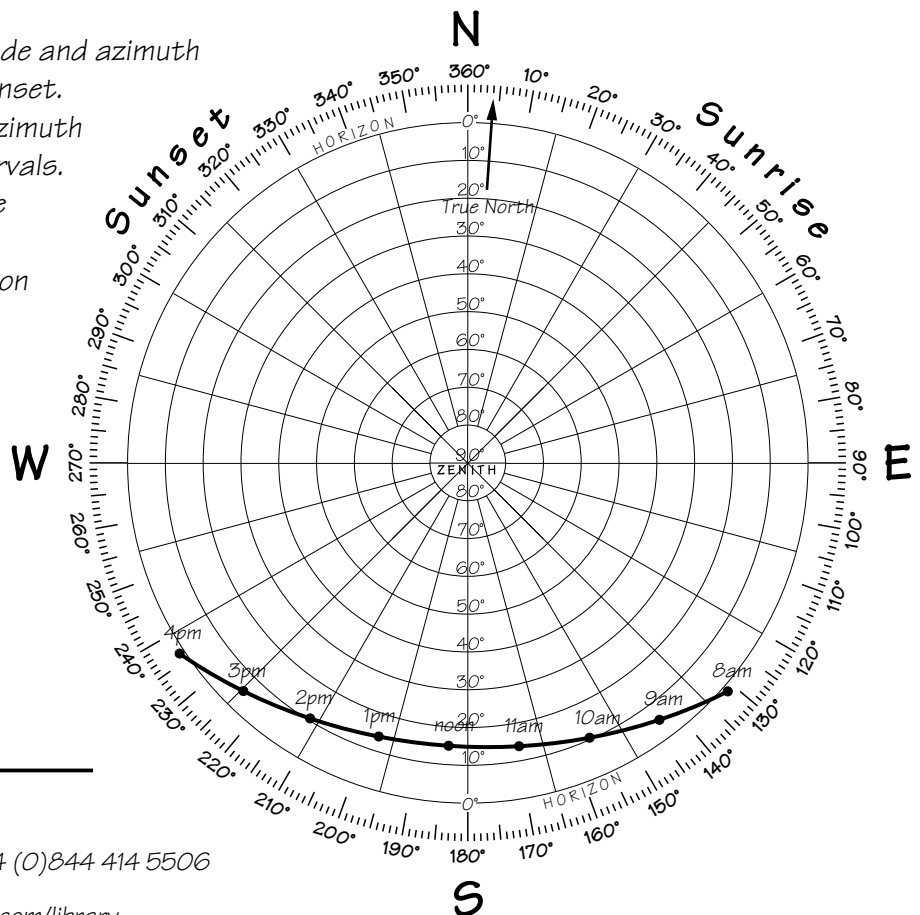
(no daylight saving)

Sunrise: 08:04, 132°

Sunset: 15:53, 235°

Sun's highest altitude: 15°

Moon phase: ○



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

email: info@locationworks.com

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