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	10/1/10	07:23	08:02	129°	8:11	16:13	238°	16:52	◑
Mon	11/1/10	07:23	08:02	129°	8:12	16:14	238°	16:53	●
Tue	12/1/10	07:22	08:01	129°	8:15	16:16	239°	16:54	◑
Wed	**13/1/10**	**07:22**	**08:01**	**128°**	**8:16**	**16:17**	**239°**	**16:56**	◑
Thu	14/1/10	07:21	08:00	128°	8:19	16:19	239°	16:57	◑
Fri	15/1/10	07:20	07:59	128°	8:21	16:20	240°	16:59	◑
Sat	16/1/10	07:20	07:58	127°	8:24	16:22	240°	17:00	◑

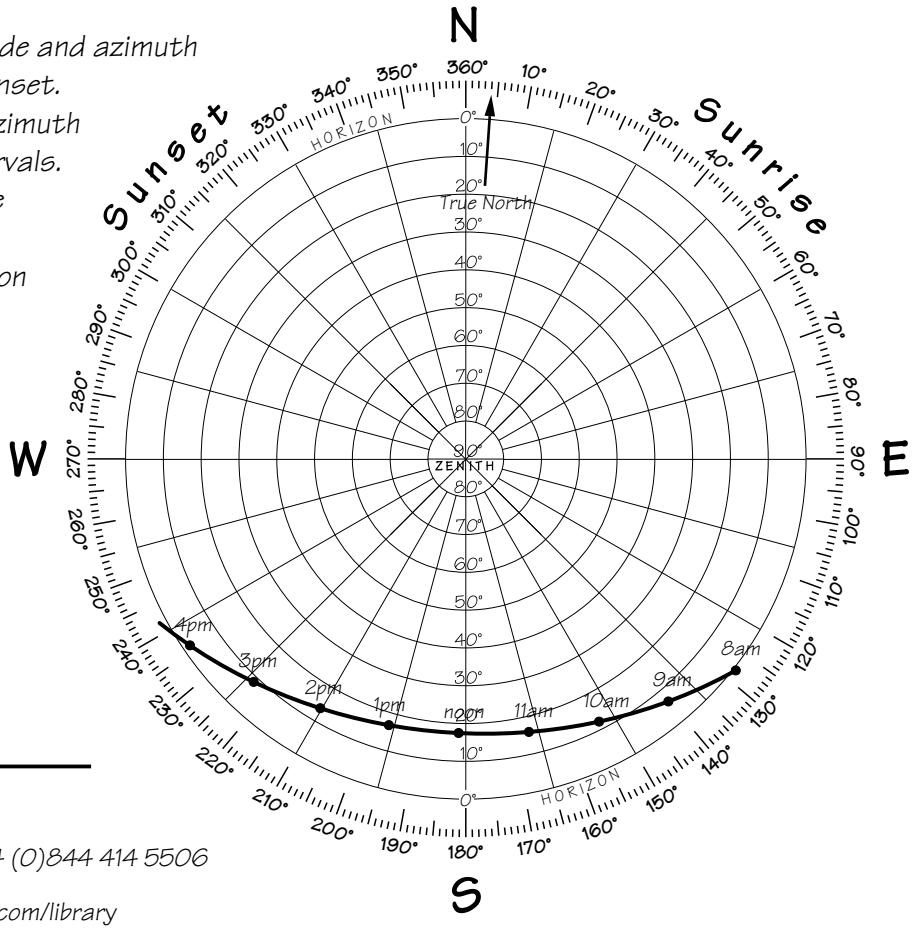
Magnetic Declination is **4° West.** Compass readings are **Magnetic North** - the calculations include the Declination (do not adjust your compass). Civil Twilight is defined as the time when the Sun is 6° below the horizon.

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 13th Jan 2010
Time zone: 0
(no daylight saving)
Sunrise: 08:01, 128°
Sunset: 16:17, 239°
Sun's highest altitude: 17°
Moon phase: ◑

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