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	5/12/10	07:09	07:48	130°	8:04	15:52	237°	16:32	◑
Mon	6/12/10	07:10	07:50	130°	8:02	15:52	237°	16:32	●
Tue	7/12/10	07:11	07:51	130°	8:01	15:52	237°	16:31	◑
Wed	**8/12/10**	**07:12**	**07:52**	**131°**	**7:59**	**15:51**	**236°**	**16:31**	◑
Thu	9/12/10	07:13	07:53	131°	7:58	15:51	236°	16:31	◑
Fri	10/12/10	07:14	07:54	131°	7:57	15:51	236°	16:31	◑
Sat	11/12/10	07:15	07:55	131°	7:56	15:51	236°	16:31	◑

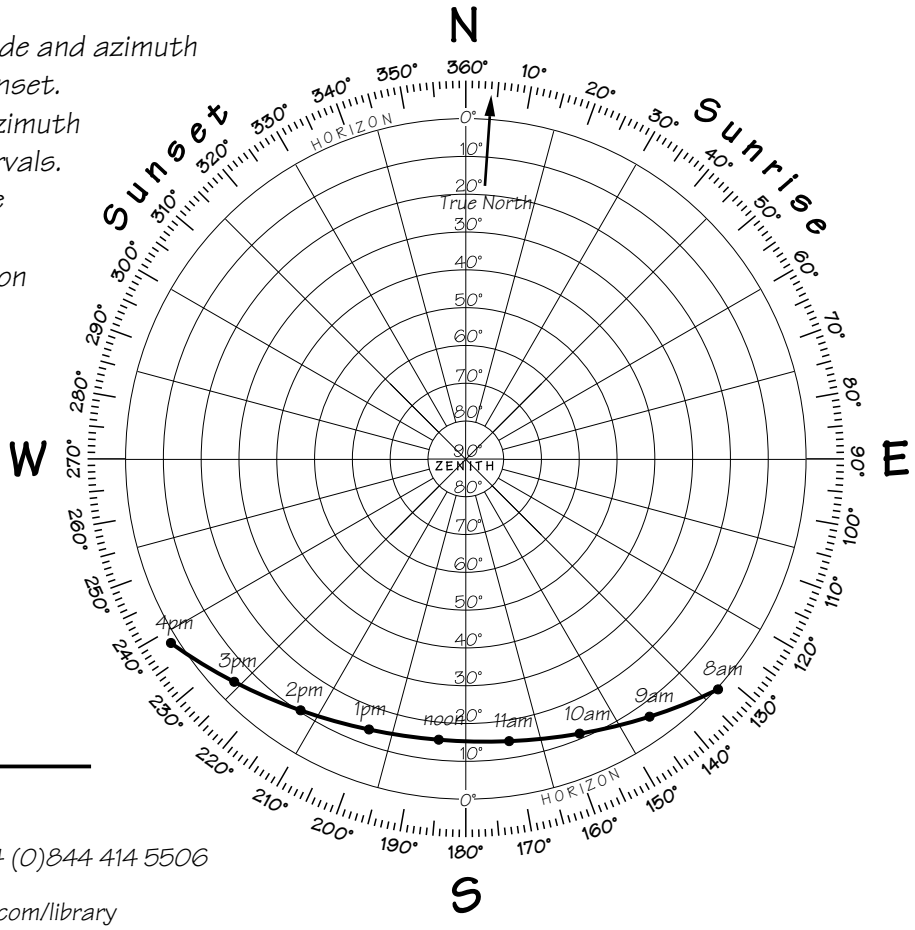
Magnetic Declination is **4° West.** Compass readings are **Magnetic North** - the calculations include the Declination (do not adjust your compass). Civil Twilight is defined as the time when the Sun is 6° below the horizon.

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 8th Dec 2010
Time zone: 0
(no daylight saving)
Sunrise: 07:52, 131°
Sunset: 15:51, 236°
Sun's highest altitude: 15°
Moon phase: ◑

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