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	7/12/08	07:12	07:51	130°	8:00	15:51	237°	16:31	◐
Mon	8/12/08	07:13	07:52	131°	7:59	15:51	236°	16:31	◐
Tue	9/12/08	07:14	07:54	131°	7:57	15:51	236°	16:31	◐
Wed	**10/12/08**	**07:15**	**07:55**	**131°**	**7:56**	**15:51**	**236°**	**16:31**	◐
Thu	11/12/08	07:16	07:56	131°	7:55	15:51	236°	16:31	◐
Fri	12/12/08	07:17	07:57	131°	7:54	15:51	236°	16:31	◐
Sat	13/12/08	07:17	07:58	131°	7:53	15:51	236°	16:31	◐

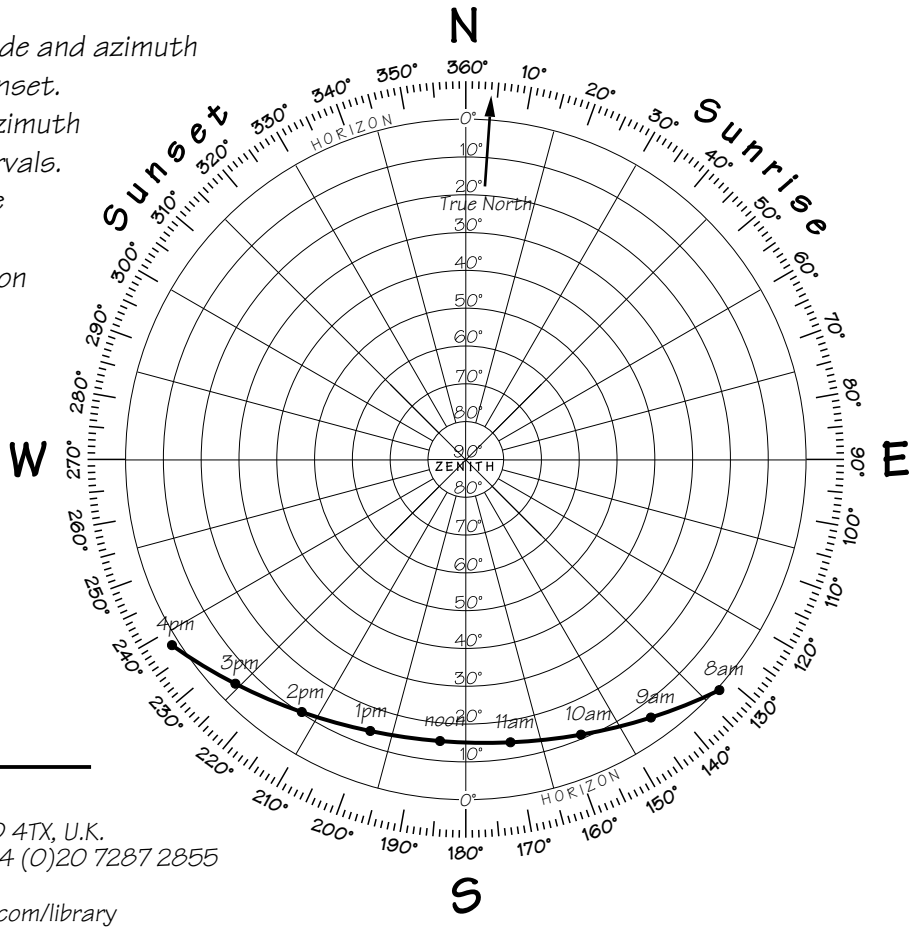
Magnetic Declination is **4° West.** Compass readings are **Magnetic North** - the calculations include the Declination (do not adjust your compass). Civil Twilight is defined as the time when the Sun is 6° below the horizon.

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 10th Dec 2008
Time zone: 0
(no daylight saving)
Sunrise: 07:55, 131°
Sunset: 15:51, 236°
Sun's highest altitude: 15°
Moon phase: ◐

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