



# 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	6/9/09	05:46*	06:21*	82°	13:14	19:35*	285°	20:09*	☉
Mon	7/9/09	05:48*	06:22*	83°	13:11	19:33*	284°	20:07*	☉
Tue	8/9/09	05:49*	06:24*	83°	13:06	19:30*	283°	20:04*	☉
<b>Wed</b>	<b>9/9/09</b>	<b>05:51*</b>	<b>06:25*</b>	<b>84°</b>	<b>13:03</b>	<b>19:28*</b>	<b>283°</b>	<b>20:02*</b>	☉
Thu	10/9/09	05:53*	06:27*	85°	12:59	19:26*	282°	20:00*	☉
Fri	11/9/09	05:55*	06:28*	85°	12:55	19:23*	281°	19:57*	☾
Sat	12/9/09	05:56*	06:30*	86°	12:51	19:21*	281°	19:55*	☾

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. Times followed by an asterisk are British Summer Time.

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 9th Sept 2009

Time zone: 0

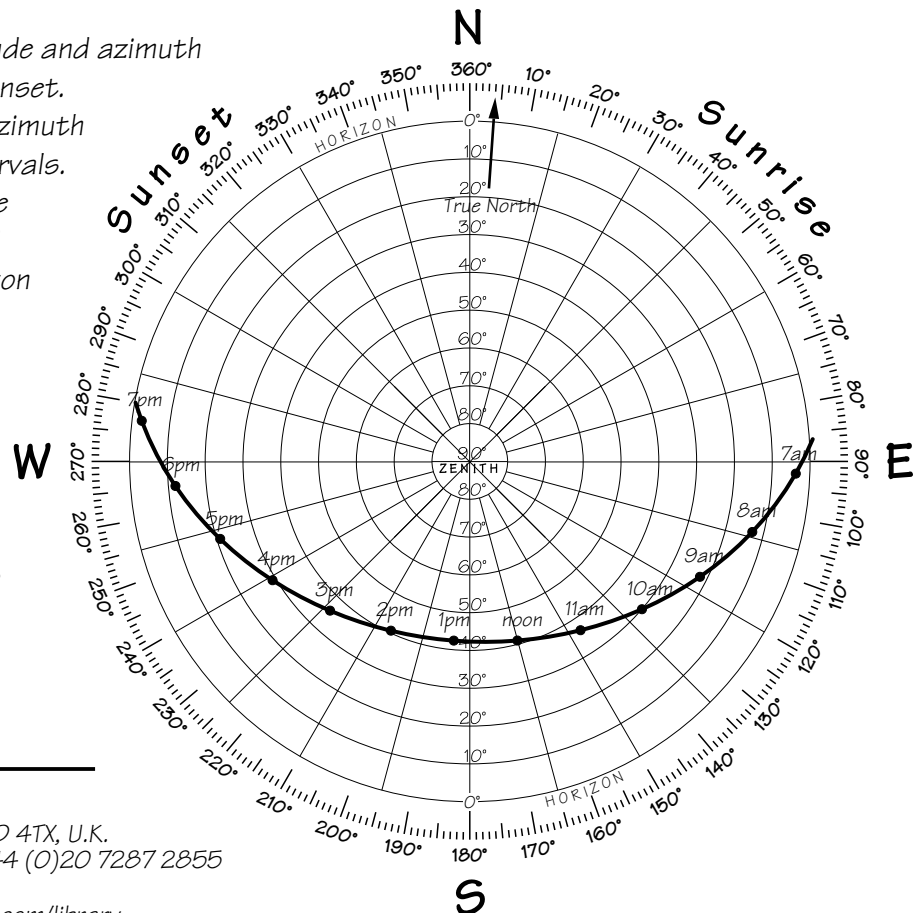
British Summer Time applies

Sunrise: 06:25, 84°

Sunset: 19:28, 283°

Sun's highest altitude: 42°

Moon phase: ◐



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