



# 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	27/9/09	06:21*	06:54*	95°	11:53	18:47*	272°	19:20*	☾
Mon	28/9/09	06:22*	06:56*	96°	11:48	18:44*	271°	19:17*	☾
Tue	29/9/09	06:24*	06:57*	96°	11:45	18:42*	270°	19:15*	☾
<b>Wed</b>	<b>30/9/09</b>	<b>06:26*</b>	<b>06:59*</b>	<b>97°</b>	<b>11:41</b>	<b>18:40*</b>	<b>270°</b>	<b>19:13*</b>	☾
Thu	1/10/09	06:27*	07:01*	98°	11:36	18:37*	269°	19:11*	☾
Fri	2/10/09	06:29*	07:02*	98°	11:33	18:35*	268°	19:08*	☾
Sat	3/10/09	06:31*	07:04*	99°	11:29	18:33*	268°	19:06*	☾

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 30th Sept 2009

Time zone: 0

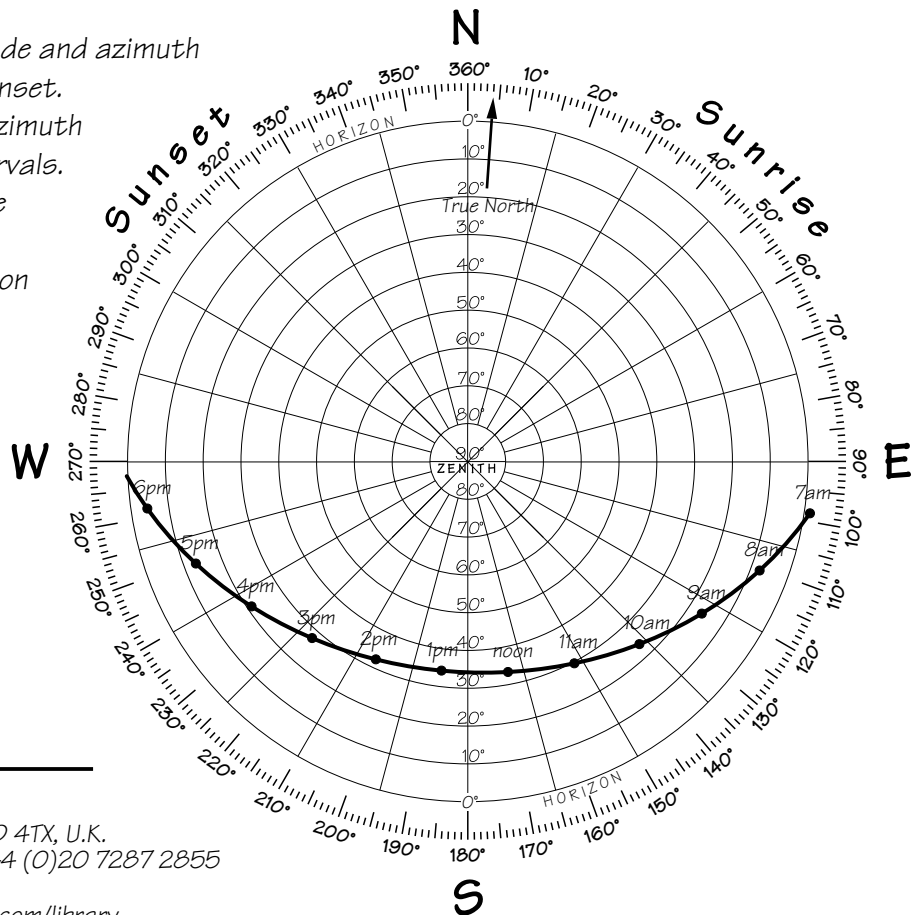
British Summer Time applies

Sunrise: 06:59, 97°

Sunset: 18:40, 270°

Sun's highest altitude: 34°

Moon phase: ◑



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