



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	12/7/09	04:12*	04:57*	55°	16:17	21:14*	312°	21:59*	☉
Mon	13/7/09	04:13*	04:58*	56°	16:15	21:13*	311°	21:57*	☉
Tue	14/7/09	04:14*	04:59*	56°	16:13	21:12*	311°	21:56*	☉
Wed	15/7/09	04:16*	05:00*	56°	16:11	21:11*	311°	21:55*	☾
Thu	16/7/09	04:17*	05:02*	56°	16:08	21:10*	310°	21:54*	☾
Fri	17/7/09	04:19*	05:03*	57°	16:06	21:09*	310°	21:53*	☾
Sat	18/7/09	04:20*	05:04*	57°	16:03	21:07*	310°	21:51*	☾

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 15th July 2009
Time zone: 0
British Summer Time applies
Sunrise: 05:00, 56°
Sunset: 21:11, 311°
Sun's highest altitude: 59°
Moon phase: ◐

