

From the Big Bang to Biology with God

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Astronomical Information for Tuesday 9th to Thursday 11th November 2021

All times are Universal Time (GMT) and events are for
Lee Abbey, UK (51.22° N, 3.87° W).

*When I consider your heavens, the work of your fingers, the moon and the stars, which
you have set in place, what is man that you are mindful of him ...?*

Psalm 8: 3,4a

Phase of the moon – First Quarter (half moon) on the Thursday of conference week.

Date					Astronomical night (*)	
	Sunrise	Sunset	Moonrise	Moonset	start	end
Tues 09	07.22	16.35	13.05	20.30	18.29	05.27
Wed 10	07.24	16.33	13.46	21.49	18.28	05.29
Thurs 11	07.25	16.32	14.15	23.10	18.27	05.30



(*) '**Astronomical night**' occurs when the centre of the Sun is 18° or more below the horizon (i.e. there is no solar twilight and the sky is dark).

Note that rising and setting times are with reference to a locally horizontal plane. The hilly topography around Lee Abbey will change these timings significantly.

Summary of 'star-gazing' prospects for science & faith week

If the weather is kind, the sky will be dark by about 18.30 throughout the week. The **moon's** phase is 'half moon' on the Thursday of conference week, allowing observation of its features. However, the presence of the moon prevents a really dark sky. Our own **Milky Way** galaxy stretches directly overhead from E to W. The **Andromeda galaxy** is prominently positioned high in the S. By 21.00 **Orion** is just rising in the E. Midweek **Jupiter, Saturn** and the **moon** cluster together low in the S at about 19.00, but they may be obscured by the hill from the main house.

Eclipses during this period

Moon – None

Sun – None

Meteor showers – none

Artificial Satellites

A separate data sheet will be issued if the International Space Station (ISS) is visible over Lee Abbey in the evening.

