

Our Night Sky for March 10th, 2025

As you might have noticed the planets are spreading out. Some of the planets can still be spotted spread out across our skies. It will be many months before they are grouped close together like last month. You won't find Saturn as it is on the opposite side of the solar system and slowly sliding behind the sun. Most evenings this week Mars is high overhead and easy to spot due to its red colour. Mercury and Venus are very close to the sun and hard to separate from the glare of the sun. The only other planet easy to find is Jupiter slowly passing above Orion high in the south western sky. Neptune is already set most evenings but if you look carefully to the right of Jupiter you can spot Uranus.

But the big opportunity this week is the first total lunar eclipse in four years on Thursday night. A lunar eclipse is when the moon moves into the shadow of the earth. A total lunar eclipse is when the moon is completely covered by the earth's shadow. The distance between the earth and the moon varies by a few thousand kilometers and this eclipse has the moon's distance where the sun's light that comes through the earth's atmosphere is like a red sunset and the light illuminates the dark surface of the moon with a dim red light and it is called a blood moon. The eclipse on Thursday night begins at about ten pm and reaches totality at about midnight, certainly worth staying up a bit late, and a memorable sight in Our Night Sky.

Eclipse Stages Worldwide	UTC Time	Local Time in Prince George *	Visible in Prince George
Penumbral Eclipse begins	Mar 14 at 03:57:28	Mar 13 at 8:57:28 pm	Yes
Partial Eclipse begins	Mar 14 at 05:09:40	Mar 13 at 10:09:40 pm	Yes
Full Eclipse begins	Mar 14 at 06:26:06	Mar 13 at 11:26:06 pm	Yes
Maximum Eclipse	Mar 14 at 06:58:43	Mar 13 at 11:58:43 pm	Yes
Full Eclipse ends	Mar 14 at 07:31:26	Mar 14 at 12:31:26 am	Yes
Partial Eclipse ends	Mar 14 at 08:47:52	Mar 14 at 1:47:52 am	Yes
Penumbral Eclipse ends	Mar 14 at 10:00:09	Mar 14 at 3:00:09 am	Yes