



Chandra X-ray observatory- Stars in Cygnus OB2 - Image Credit: X-ray: NASA/CXC/SAO/J. Drake et al; H-alpha: Univ. of Hertfordshire/INT/IPHAS; Infrared: NASA/JPL-Caltech/Spitzer

What to look out for in the night sky



Neptune - Image Credit: NASA

9 September - Neptune at Opposition Neptune will be at its closest approach to Earth. with its face fully illuminated, brighter than any other time of the year and visible all night long. It will appear as a tiny blue dot in telescopes.

14 September- Full Moon This occurs at 04:34 UTC. It is known as the Full Corn Moon or Harvest Moon, the full moon that occurs closest to the September equinox each year.

21 September - Piscid Meteor Shower The shower is visible during September and October but peaks on this day. Up to 5 meteors per hour will be visible.

23 September - September Equinox The equinox occurs at 07:50 UTC. The Sun will shine directly on the equator, giving equal amounts of day and night throughout the world. This is the first day of autumn in the Northern Hemisphere and the first day of spring in the Southern Hemisphere.

28 September - New Moon This is the best time of the month to observe very distant objects such as galaxies and star clusters because moonlight will not interfere with observation.

Forthcoming Club Events

Meetings are held in **The Lounge, Geddington Village Hall, Queen Street, Geddington NN14 1AZ**. Please visit www.naastronomy.com to check final meeting information. Visit the NAA Facebook pages for discussion, photos and events.



Tuesday 3 September 7.30 for 7.45pm – Members' talks and observing (if the sky is clear)

Tuesday 10 September 7.30pm - Committee meeting at The Piper, Windmill Avenue, Kettering

Tuesday 17 September 7.30 for 7.45pm – Visiting speaker: **Martin Braddock**

Meetings with guest speakers: £3 (£4 for non-members)

General meetings: £2 (£3 for non-members)

Full membership: £30 (Concessions £19)

Club Contact Details

President: Nick Freville Tel: 01536 723211 email: astro2002astro@yahoo.co.uk

Chair and Speaker Co-ordinator: Sue Yendell

Tel: 01536 515976 email: susan-yendell@sky.com

Treasurer: Eleanor Patrick Tel: 01536 521488

Joint Secretaries: Jane Napier Tel: 07960 262401, Anne Douglas email: adouglas2@sky.com

Committee Members: Mervyn Lloyd Tel: 07706 181770, Frank Tasker Tel: 01536 390040

Useful websites:

<https://www.timeanddate.com/astronomy/sights-to-see.html>

<https://in-the-sky.org/newscal.php?month=3&year=2019&maxdiff=2>

<https://www.nasa.gov/>

Registered Charity No: 1029891

www.naastronomy.com

