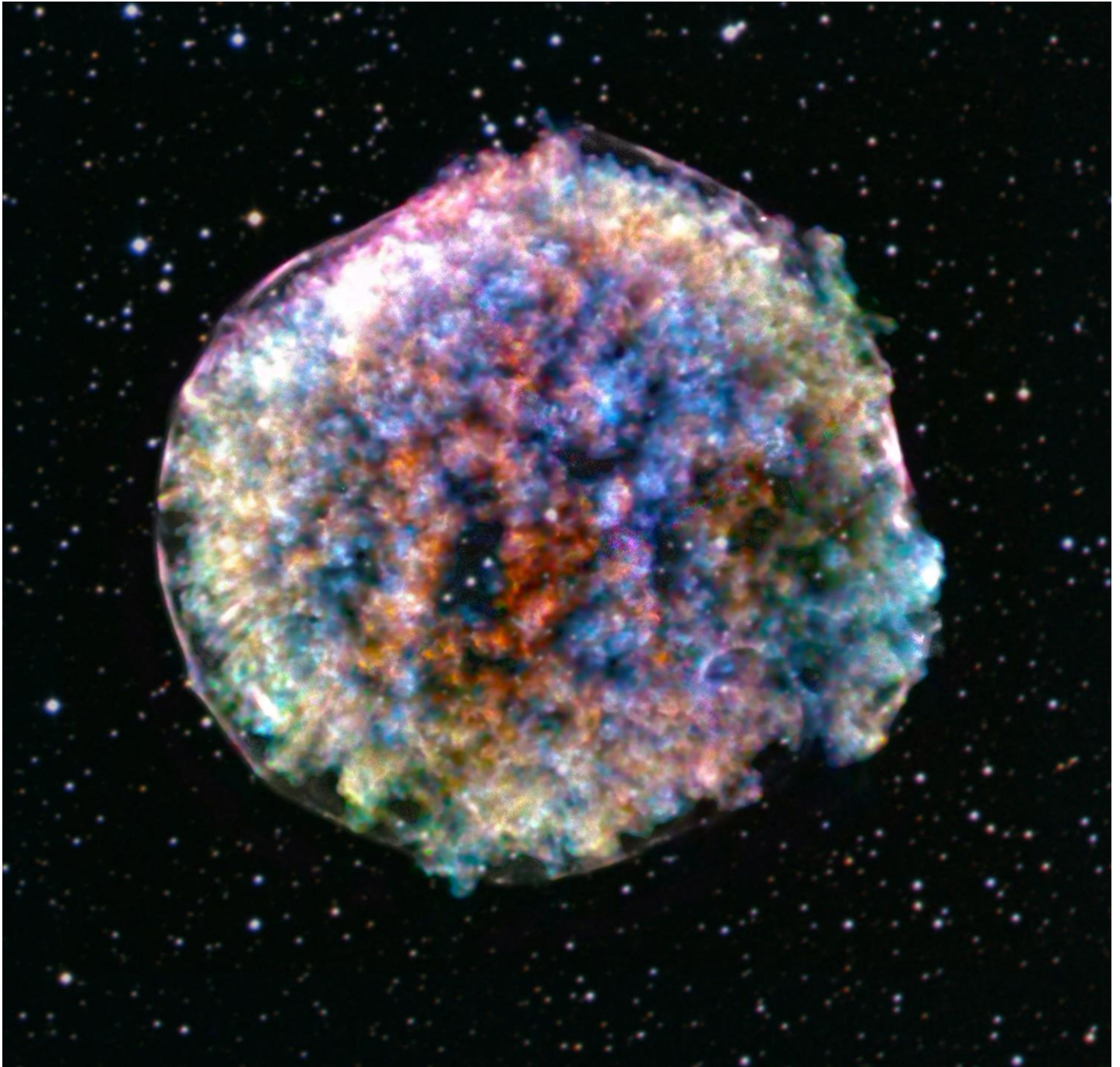




## February to March 2020



*Supernova Tycho (from Chandra) - narrow ranges of X-rays show different elements Credit: NASA/CXC/RIKEN & GSFC/T Sato et al*

### What to look out for in the night sky

**2 February - Moon at First Quarter**

**9 February - Supermoon** This Full Moon is known as the Full Snow Moon or Full Hunger Moon. This is the first of four supermoons for 2020. The Moon will be at its closest approach to the Earth and should look slightly larger and brighter than usual.

**10 February - Mercury at Greatest Eastern Elongation** This is the best time to view Mercury as it will be at its highest point above the horizon in the evening sky - look for the planet low in the west, just after sunset.

### 15 February - Moon at Last Quarter

**23 February - New Moon** This is the best time of the month to observe fainter objects such as galaxies and star clusters as moonlight will not interfere with observation.

**27 February - Conjunction of Moon and Venus** The pair will be visible around 17:56, 34° above the SW horizon, setting at 21:48.

### 2 March - Moon at First Quarter

**9 March - Supermoon** This Full Moon is known as the Full Worm Moon, Full Crow Moon, Full Sap Moon or Lenten Moon. This is the second of four Supermoons for 2020.

### 16 March - Moon at Last Quarter

**20 March - March Equinox** This is the first day of spring (vernal equinox) in the Northern Hemisphere and the first day of autumn (autumnal equinox) in the Southern Hemisphere.

**24 March - New Moon** This is the best time of the month to observe fainter objects such as galaxies and star clusters as moonlight will not interfere with observation.

**24 March - Mercury at Greatest Western Elongation** Mercury will be at its highest point above the horizon in the morning sky. Look for the planet low in the eastern sky, just before sunrise.

**27 March - Venus at Highest Point** Venus will reach its highest point in the sky, shining brightly at mag -4.4, reaching an altitude of 41° above the horizon, at sunset.

### Forthcoming Club Events

Meetings are held in **The Lounge, Geddington Village Hall, Queen Street, Geddington NN14 1AZ**

Please visit [www.naastronomy.com](http://www.naastronomy.com) to check final meeting information. Visit the NAA Facebook pages for discussion, photos and events.

**Tuesday 4 February** 7.30 for 7.45pm - Members' talks and observing (if the sky is clear)

**Tuesday 11 February** 7.30pm - Committee meeting at The Piper, Windmill Avenue, Kettering

**Tuesday 18 February** 7.30 for 7.45pm - Members' talks and observing (if the sky is clear)

**Tuesday 3 March** 7.30 for 7.45pm – **Annual General Meeting**

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

**Tuesday 17 March** 7.30 for 7.45pm - Members' talks and observing (if the sky is clear)



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

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

**Full membership: £30 (Concessions £19)**

### Club Contact Details

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**Chair and Speaker Co-ordinator:** Sue Yendell

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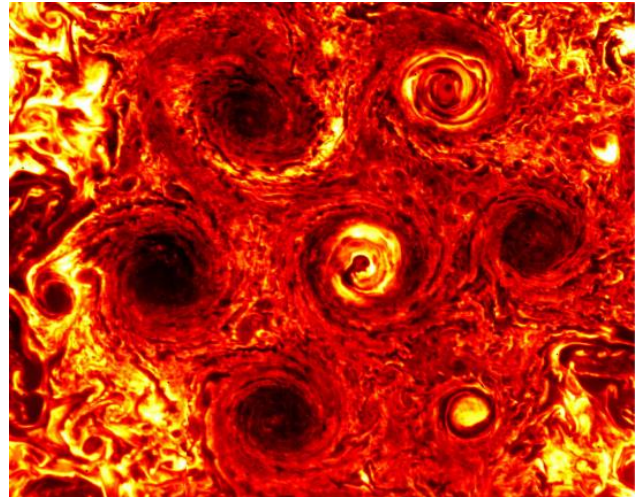
**Treasurer:** Eleanor Patrick Tel: 01536 521488

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*Cyclones on Jupiter's south pole, 4<sup>th</sup> November 2019, NASA's Juno spacecraft  
Credit: NASA/JPL-Caltech/SwRI/ASI/INAF/JIRAM*

### Useful websites:

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

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

<http://www.seasky.org/astronomy/astronomy-calendar-2019.html>

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[www.naastronomy.com](http://www.naastronomy.com)

