



Maidenhead
Astronomical
Society

www.maidenhead-astro.net

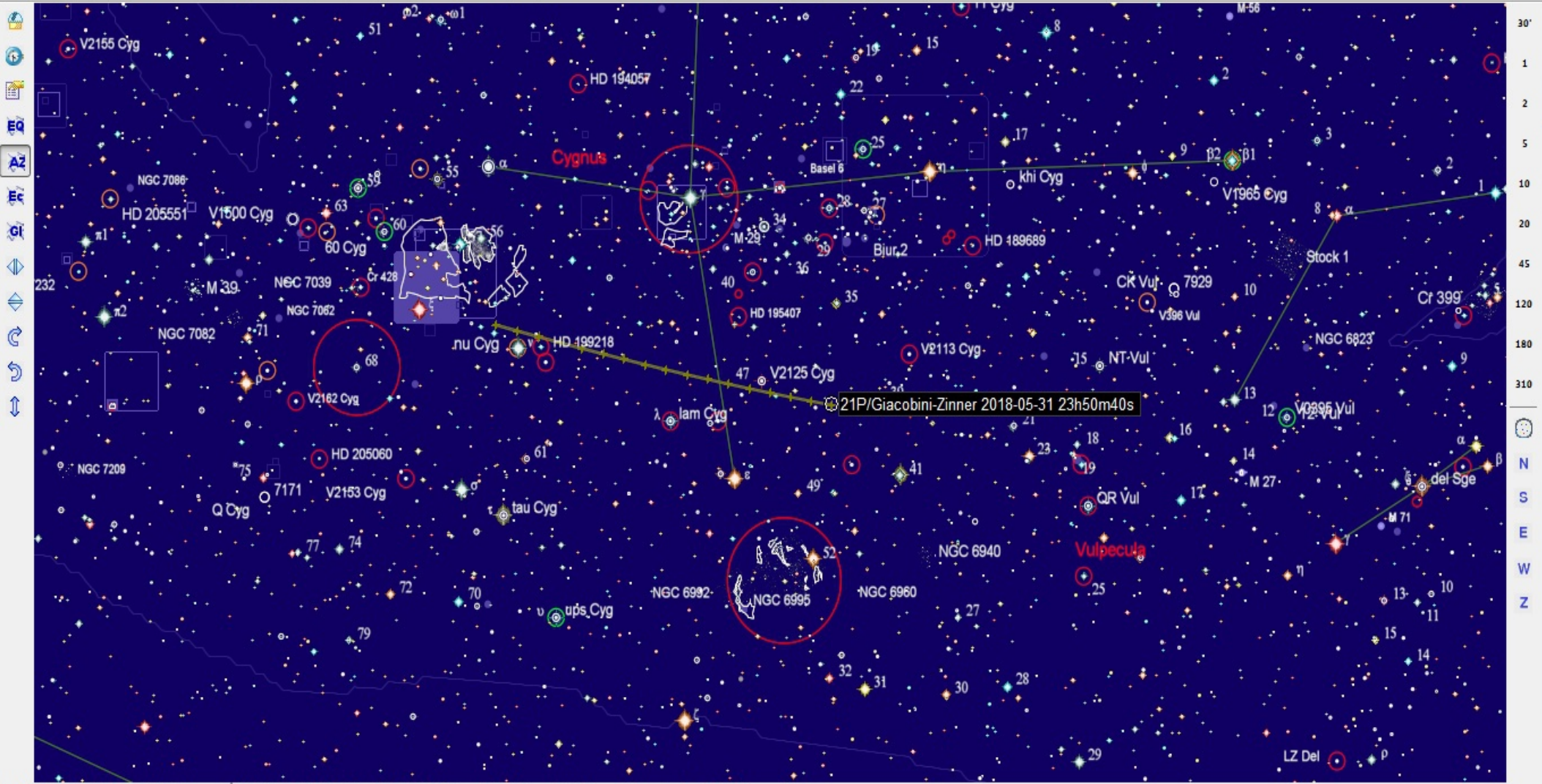
Sky Outlook
Summer 2018

Planets

- **Mercury:** Superior conjunction 6th June, may be seen in evening sky by end of June.
- **Venus:** Evening object. Crescent moon close by on the 16th
- **Mars:** Rises before midnight low in the south east in the early hours in Capricornus.
- **Jupiter:** Prominent object in the evening sky in Libra.
- **Saturn:** Opposition 27th June in Sagittarius.
- **Uranus:** Morning object in Aries.
- **Neptune:** Morning object in Aquarius.

Comet 21P/Giacobini-Zinner

- A periodic comet that makes a return to the inner Solar System every 6.5 years. This year promises to be a favourable one, possibly becoming a naked eye object by the end of August, before reaching perihelion on 10th Sept.
- A small comet at two kilometres (1.24 miles) in diameter
- Parent to October's Draconid meteor shower.
- Discovered by Michael Giacobini in 1900 and follow up observations in 1913 by Ernst Zinner helped to sort its period.
- A tough visual target in Cygnus for a 12" telescope at magnitude 13 rising (if predictions right) to 11th mag by the end of June but imagers should pick up a small coma.



Az: +78°13'21.2" Alt: +44°10'47.0"
RA: 19h46m26.32s DE: +39°29'45.2"

RA: 20h29m56.98s DE: +33°17'40.6" Comet: 21P/Giacobini-Zinner Magnitude: 12.7 Phase: 36°
Rise: 19h07m12s Az: 26°43' Culmination: 04h59m18s Set: 14h47m29s Az: 333°17'

N
S
E
W
Z





Sagitta

Delphinus

Altair

Aquila

Scutum

Ophiuchus

Serpens

Vesta

Libra

Jupiter

Moon (x4)

Saturn

Mars

Sagittarius

Scorpius

Full-screen mode [F11]

Earth, +51°27'22", -0°58'16"

FOV 62.1°

13.3 FPS

2018-06-02 01:51:06 UTC+01:00



Vega

Nasr Alwaki I

62 Lyr

Lyra

Aladfar

8 Lyr

NGC 5791

Sheliak

Sulafat

Ring Nebula



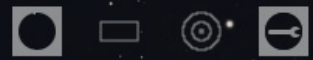
Full-screen mode [F11]

Earth, +51°27'22\", -0°58'16\"

FOV 8.54°

14 FPS

2018-06-01 23:29:31 UTC+01:00



Vega

Lyra

Rasalhague

Deneb

Cygnus

NGC 6871

M 39

NGC 7243

Vulpecula

NGC 6823

NGC 6633

Graff's Cluster

Filamentary Nebula
East Veil Nebula
Mothra Cluster

Sagitta

Altair

Aquila

Full-screen mode [F11]

Earth, +51°27'22", -0°58'16"

FOV 41°

13.3 FPS

2018-06-01 23:31:56 UTC+01:00



M 56

Deneb

Ruchbah

Crescent Nebula

NGC 7039

Cooling Tower

NGC 6871

NGC 6883

Vulpecula

NGC 6823

Gienah Cygni

20 Vulpeculae Cluster

Filamentary Nebula

Sagitta

East Veil Nebula

Mothra Cluster

Full-screen mode [F11]

Earth, +51°27'22\", -0°58'16\"

FOV 20°

12.2 FPS

2018-06-01 23:47:17 UTC+01:00

Noctilucent Clouds



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Visible from mid May through to July when the Sun is below the horizon but the clouds are still in sunlight. They are the highest clouds in the Earth's atmosphere, located in the Mesosphere.

https://en.wikipedia.org/wiki/Noctilucent_cloud



That's all from me!
Hope you all have a fantastic Summer!!!

