

Sky Outlook
April 2019



MAS

Maidenhead
Astronomical
Society

www.maidenhead-astro.net

Planets

Mercury: Not visible to northern hemisphere observers.

Venus: Morning object but low down towards horizon making observing the planet difficult

Mars: Evening object in early April in Taurus, sets by midnight towards end of month.

Jupiter: Morning object rising by 1am BST mid month. Lying between Sagittarius and Scorpius.

Saturn: Morning object in Sagittarius.

Uranus: Not visible.

Neptune: Not visible.

Morning of 6th April



Moon passes through M45 on the 13th



Lyrids meteor shower 16th - 25th Peak 22/23rd

Lyrids (LYR)

Type: **meteor shower** (generic data)
RA/Dec (J2000.0): 18h05m10.89s/+34°00'00.0"
RA/Dec (on date): 18h05m53.63s/+34°00'12.7"
HA/Dec: 19h42m09.50s/+34°00'57.9" (apparent)
Az./Alt.: +84°43'21.1"/+41°18'59.9" (apparent)
Gal. long./lat.: +60°22'51.9"/+23°45'32.8"
Supergal. long./lat.: +55°43'06.1"/+68°32'28.5"
Ecl. long./lat. (J2000.0): +271°59'42.5"/+57°25'49.1"
Ecl. long./lat. (on date): +272°16'09.2"/+57°25'40.1"
Ecliptic obliquity (on date): +23°26'09.2"
Mean Sidereal Time: 13h48m00.1s
Apparent Sidereal Time: 13h47m59.0s
Rise: 18h05m
Transit: 4h07m
Set: 14h09m
IAU Constellation: Her
Radiant drift (per day): 0h02m24.0s/+0°00'00"
Geocentric meteoric velocity: 49 km/s
The population index: 2.1
Parent body: Comet Thatcher (1861 I)
Activity: 16 - 25 April₆
Maximum: 22 April (Solar longitude 29.26°)
ZHR_{max}: variable; 0-90

NGC 7082

The Inchworm Cluster

Lyrids

Crescent Nebula

Cooling Cloud Cluster

NGC 5871

The Foxhead Cluster

Hole in a Cluster

Lyra

Vega

Lyrids

Rasalhague

Summer Be

NGC 7063

The Incho Cluster

East Veil Nebula

Filamentary Nebula

Mothra Cluster

Dumbbell Nebula

NGC 6823

Sagittarius Cluster

Tweedledum Cluster

Flying Unicorn Cluster

Graff's Cluster

Earth, +51°27'22", -0°58'16"

FOV 37.2° 8.56 FPS 2019-04-22 23:48:54 UTC+00:00

Morning of 24th April



Altair

Moon (x4) Jupiter

Saturn

SE

S

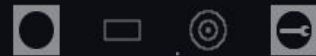
Earth, +51°27'22", -0°58'16"

FOV 60°

12 FPS

2019-04-24 02:14:51 UTC+00:00

Morning of 25th April



Altair

Jupiter

Moon (x4)

Saturn

SE

S



E

W

Constellation of the month Ursa Major (the Great Bear)



Objects in Ursa Major

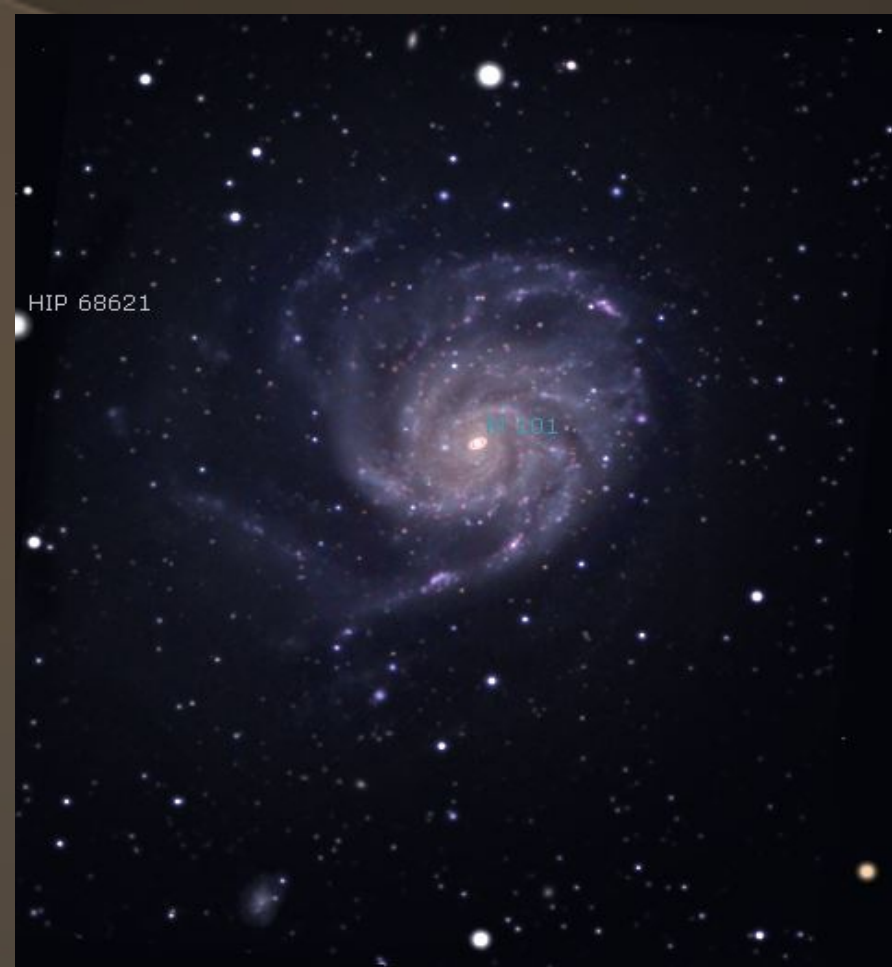


HIP 48639

M 81

M 32







Clear Skies!!