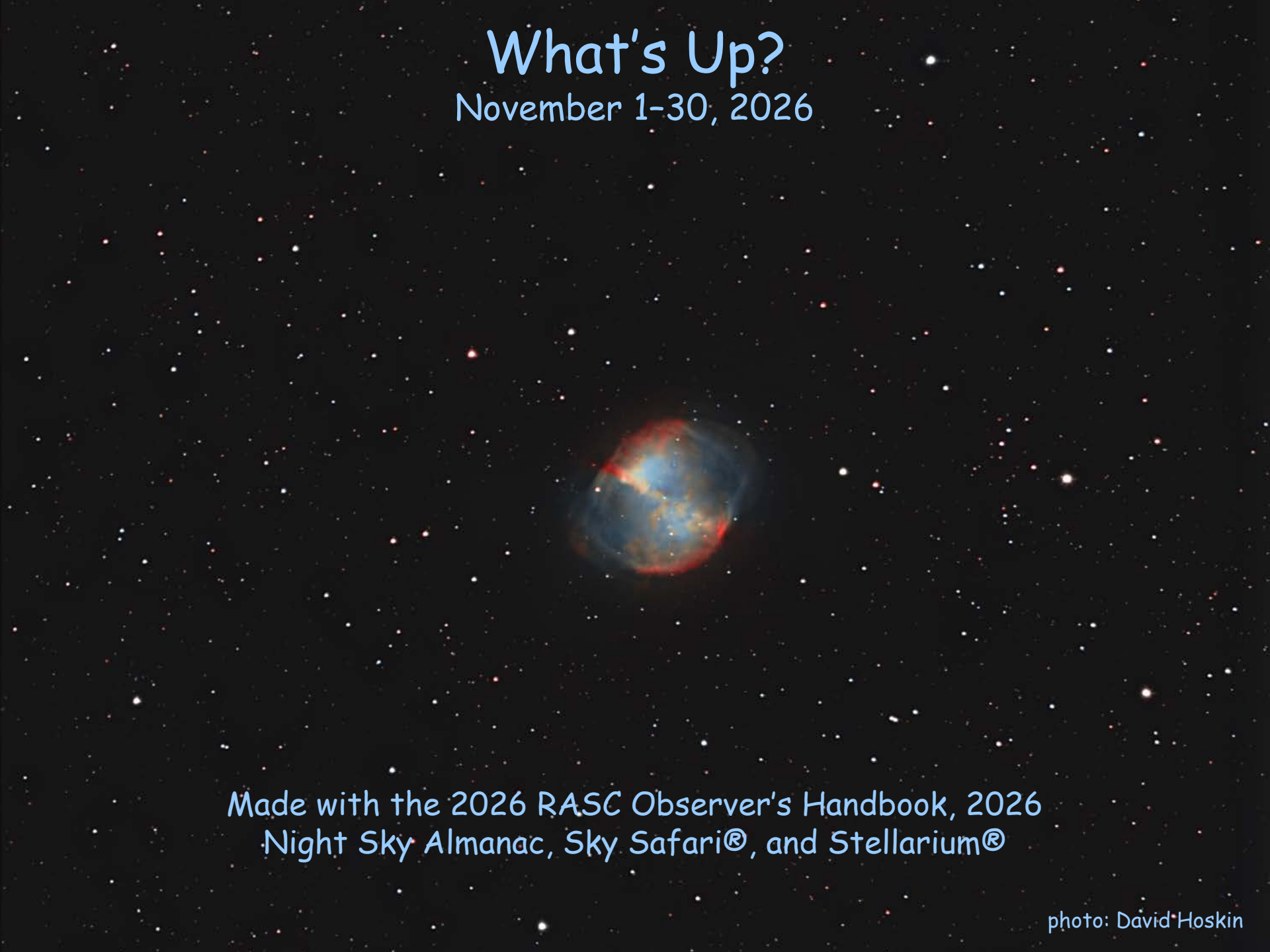
What's Up?

November 1–30, 2026



Made with the 2026 RASC Observer's Handbook, 2026
Night Sky Almanac, Sky Safari®, and Stellarium®

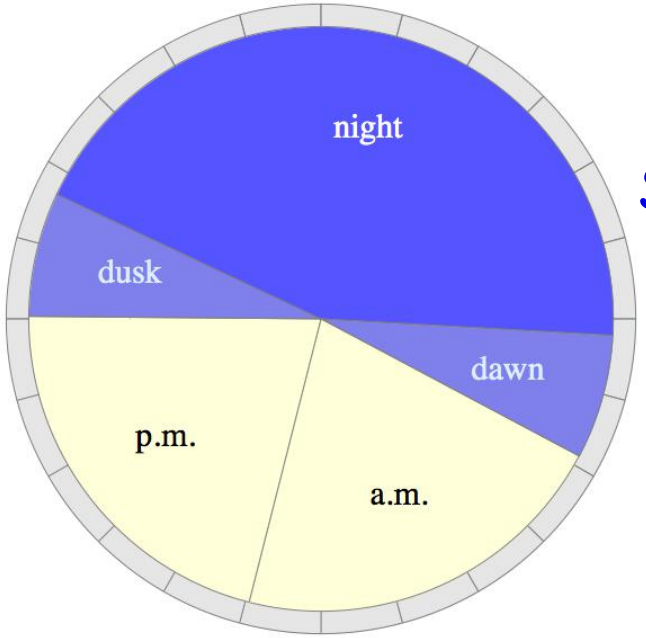
photo: David Hoskin

The Sun This Month

Today's Solar Activity

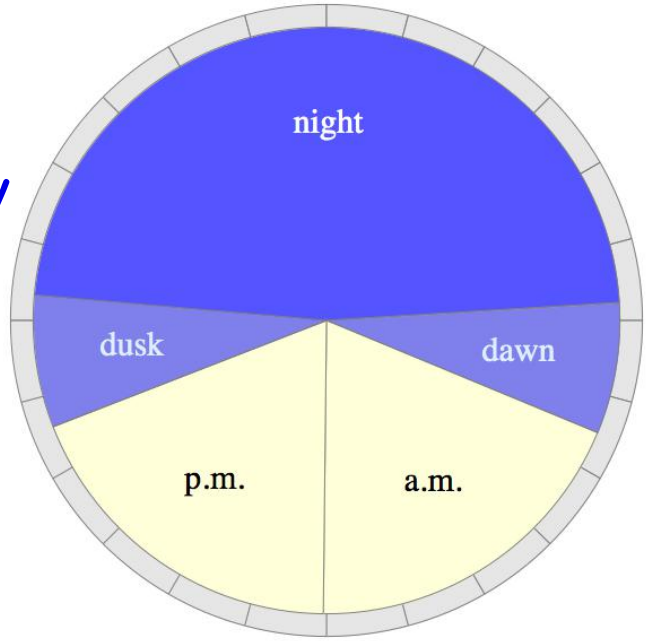
Date	Sunset	Dusk End	Darkness	Dawn Start	Sunrise	"Noon"	Sunlight	Max Altitude
Nov 1	3:03 p.m.	6:41 p.m.	10.5 h	5:13 a.m.	6:52 a.m.	11:57 p.m.	10.2 h	30.8º
Nov 30	4:35 p.m.	6:19 p.m.	11.4 h	5:45 a.m.	7:29 a.m.	12:03 p.m.	9.1 h	23.7º

Halifax Nov 01



Standard Time
in effect
Sunday 1 Nov
at 2.a.m.

Halifax Nov 30



YouTube: RASC Halifax

The Moon This Month

Date	Phase	English	Mi'kmaq
Nov 1	Moon near M44		
Nov 2	*Last Quarter*	Animal Fattening	Wikumkewiku's
Nov 2	Moon near Mars		
Nov 3	Moon near Regulus		
Nov 7	Moon conjunction with Venus		
Nov 9	*New Moon*	Rivers Freezing Over	Keptekewiku's
Nov 13	Moon at apogee (405,600 km)		
Nov 17	*First Quarter*		
Nov 20	Moon near Saturn		
Nov 24	*Full Moon*		
Nov 25	Moon at perigee (359,300 km)		
Nov 28	Moon near M44		
Nov 29, 30	Moon near Jupiter		

NOVEMBER 2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
						1  THIRD QUARTER
2  WANING CRESCENT	3  WANING CRESCENT	4  WANING CRESCENT	5  WANING CRESCENT	6  WANING CRESCENT	7  WANING CRESCENT	8  WANING CRESCENT
9  NEW MOON	10  WAXING CRESCENT	11  WAXING CRESCENT	12  WAXING CRESCENT	13  WAXING CRESCENT	14  WAXING CRESCENT	15  WAXING CRESCENT
16  WAXING CRESCENT	17  FIRST QUARTER	18  WAXING GIBBOUS	19  WAXING GIBBOUS	20  WAXING GIBBOUS	21  WAXING GIBBOUS	22  WAXING GIBBOUS
23  WAXING GIBBOUS	24  FULL MOON	25  WANING GIBBOUS	26  WANING GIBBOUS	27  WANING GIBBOUS	28  WANING GIBBOUS	29  WANING GIBBOUS
30  WANING GIBBOUS						

WYLDE MOON



Moon and M44

Nov 1 @ 4:40 a.m.

7x50 binoculars FOV 7.1°



Moon and Mars

Nov 2 @ 5:40 a.m.

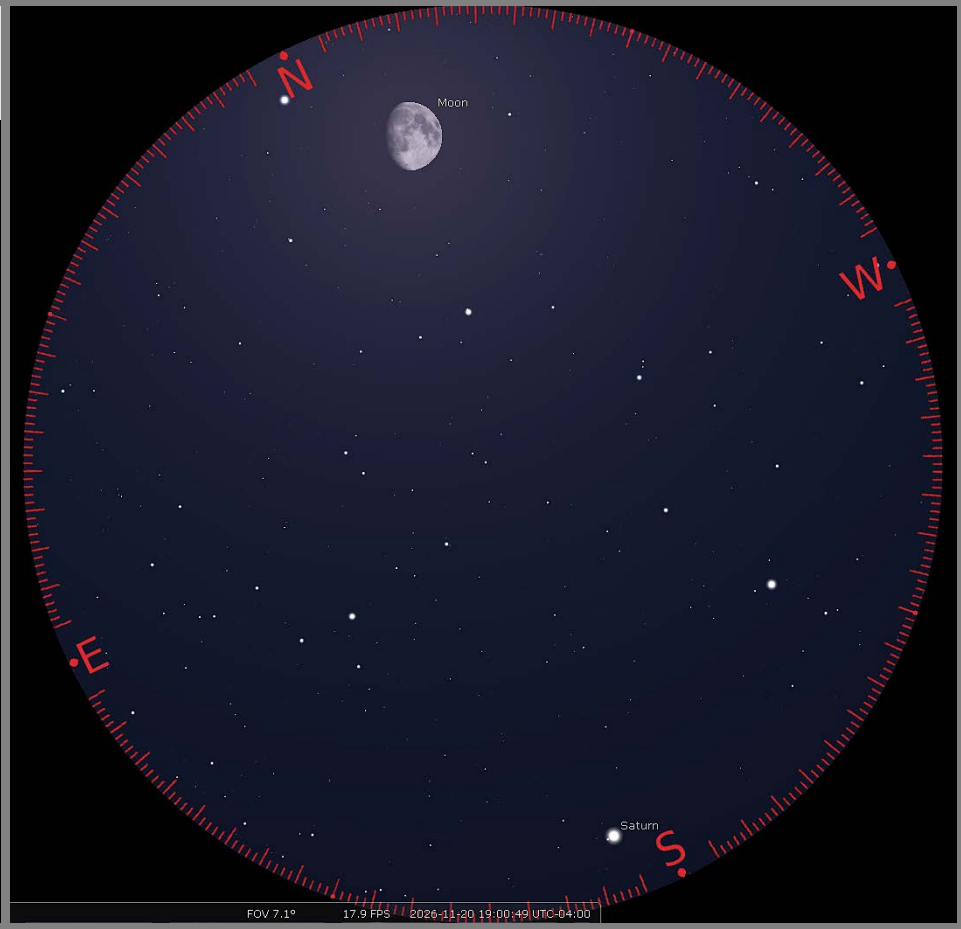
15x70 binoculars FOV 4.4°



Moon and Venus

Nov 7 @ 6:00 a.m.

15x70 binoculars FOV 4.4°



Moon and Saturn

Nov 20 @ 7:00 p.m.

7x50 binoculars FOV 7.1°



Moon and M44

Nov 28 @ 10:00 p.m.

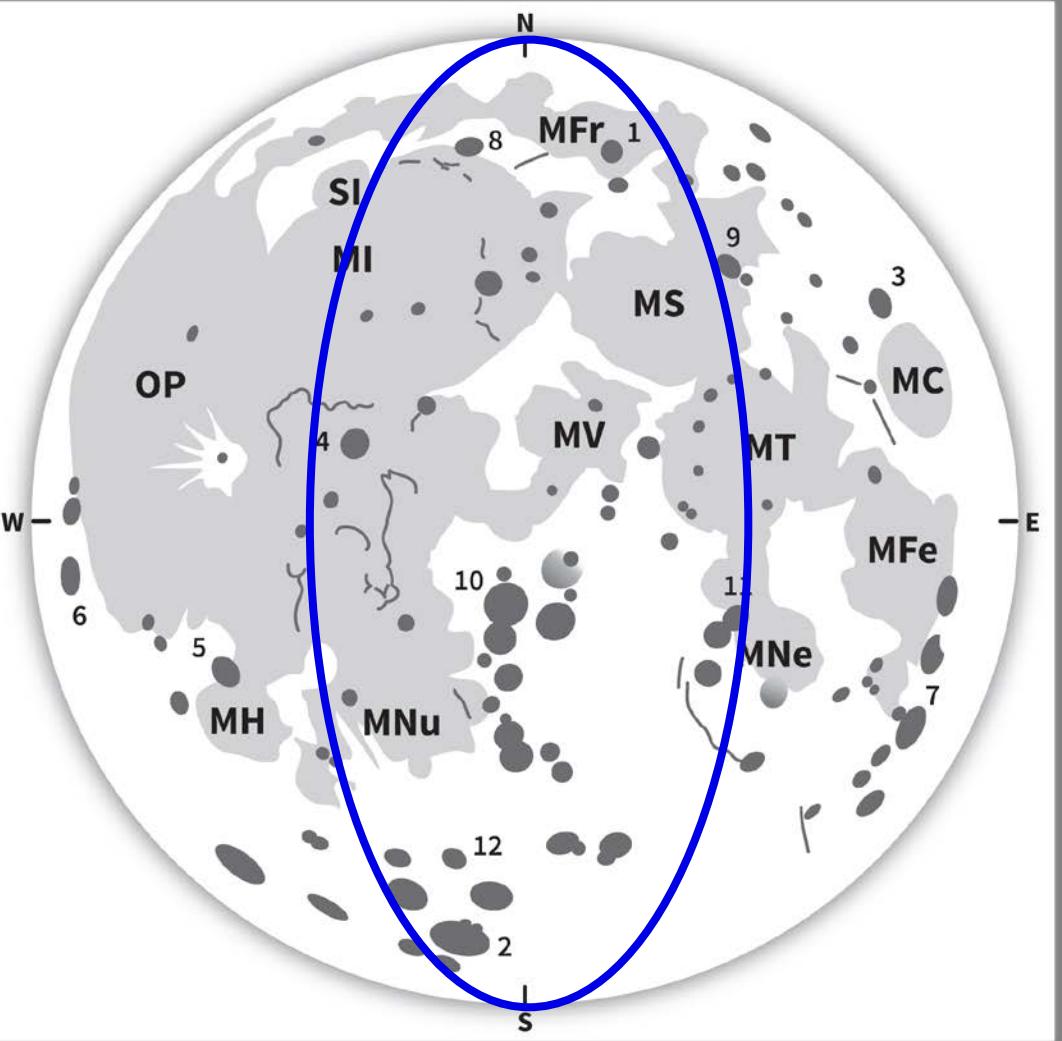
15x70 binoculars FOV 4.4°



Moon and Jupiter

Nov 29 @ 11:00 p.m.

15x70 binoculars FOV 4.4°



MARE

MC: Mare Crisium

MFe: Mare Fecunditatis

MFr: Mare Frigoris

MH: Mare Humorum

SI: Sinus Iridum

MI: Mare Imbrium

MNe: Mare Nectaris

MNu: Mare Nubium

MS: Mare Serenitatis

MT: Mare Tranquillitatis

MV: Mare Vaporum

OP: Oceanus Procellarum

CRATERS

1. Aristoteles
2. Clavius
3. Cleomedes
4. Copernicus
5. Gassendi
6. Grimaldi
7. Petavius
8. Plato
9. Posidonius
10. Ptolomaeus
11. Theophilus
12. Tycho

November 15-19
The Moon in
Explore the Universe

challenge *observe 3 of each in binoculars*

The Planets in November

Mercury-visible low in the morning eastern sky (mag. 0.8) after the first week of November

Venus -emerges from the morning twilight (mag. -4.8) at the end of the first week of November (look for a waxing crescent)
-conjunction with the waning crescent Moon on November 7

Mars -rises in the east (mag. 0.8) in Leo
-near the waning gibbous Moon on November 2
-near Jupiter all month

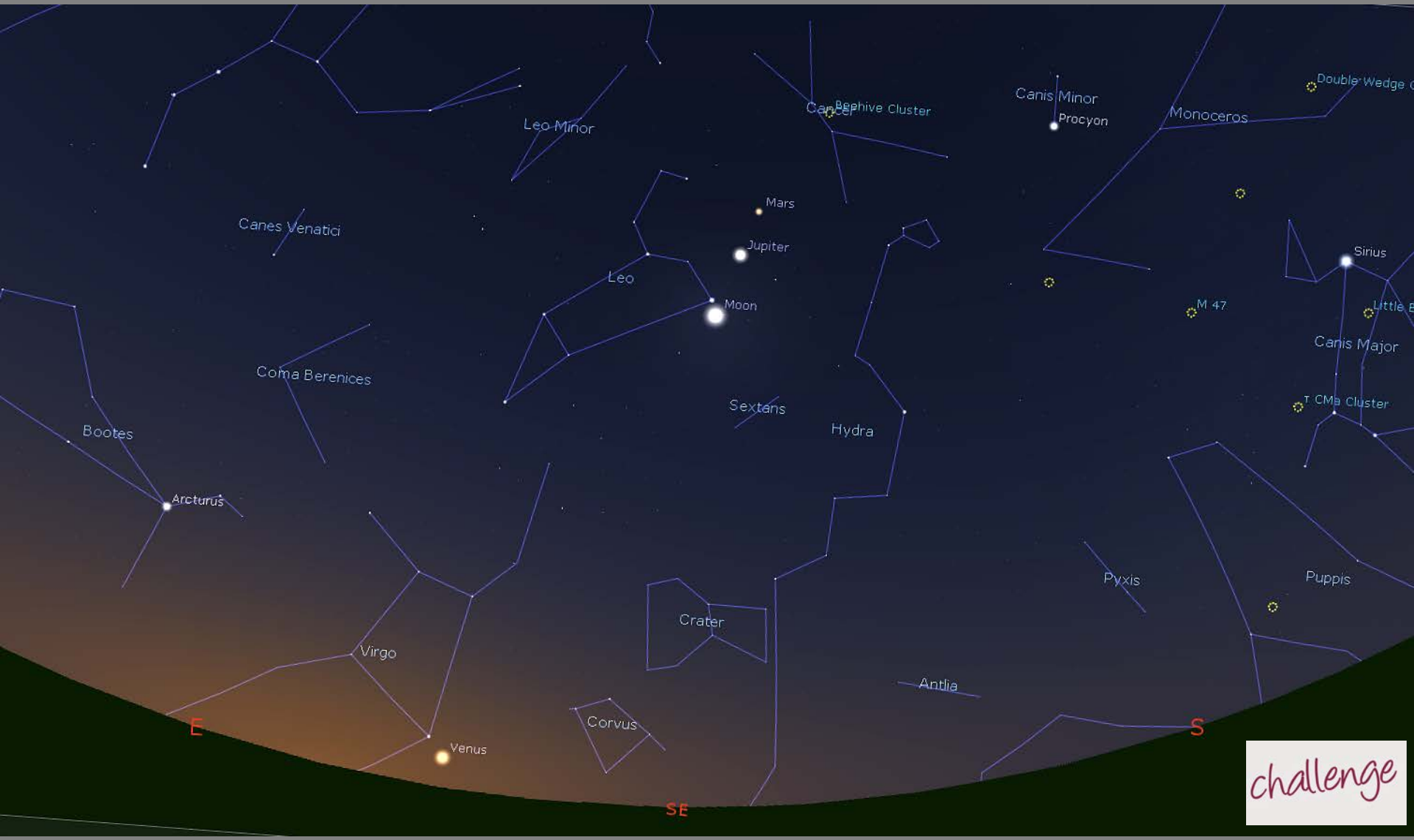
Jupiter -rises in the E (mag. -2.1) after midnight
-near the waning gibbous Moon on November 29 and 30

Saturn -visible in the E (mag. 0.6) after sunset
-near the waxing gibbous Moon on November 20

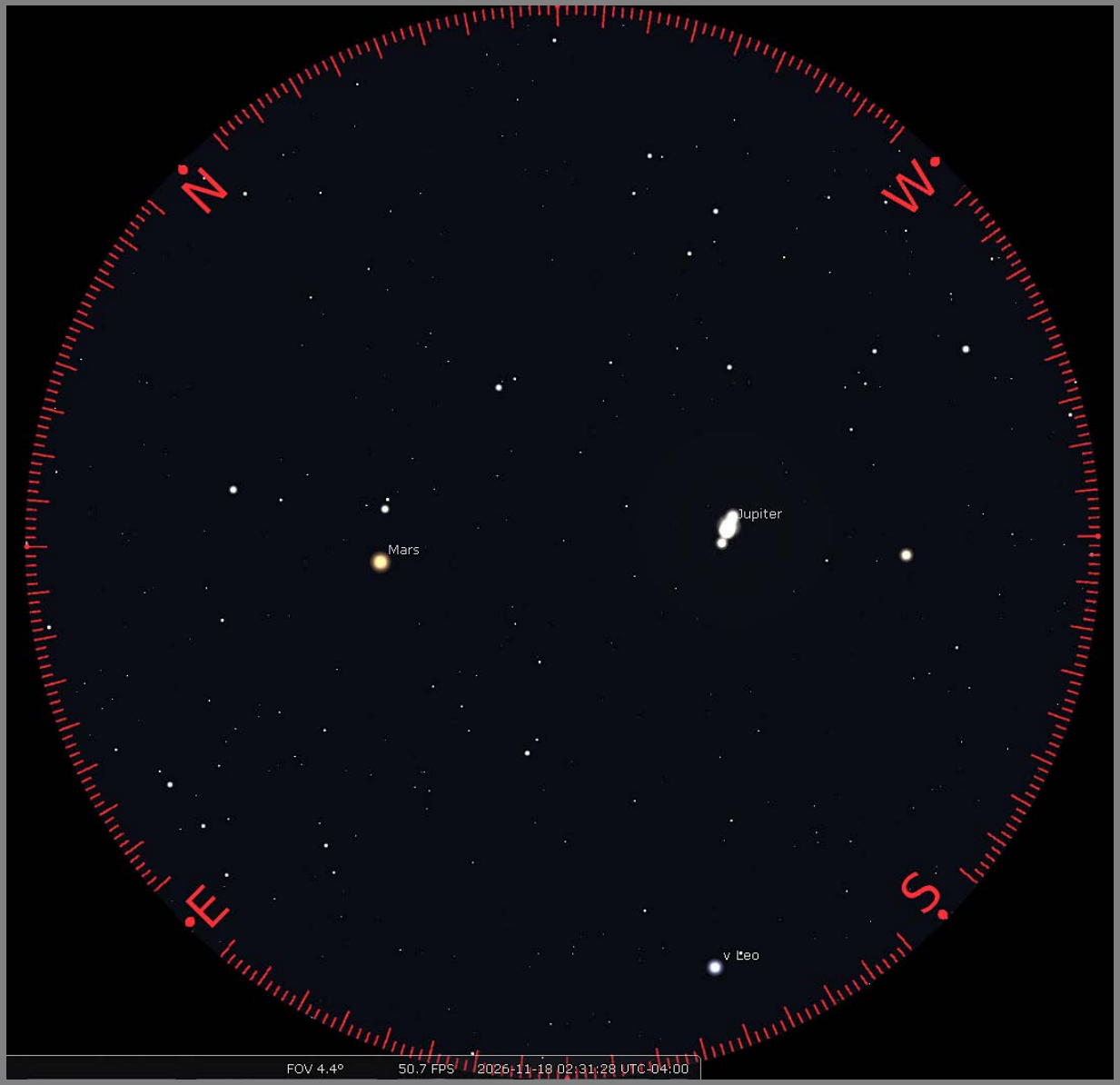
Uranus -rises in the E (mag. 5.8) in Taurus after sunset
-achieved opposition on November 25

Neptune-visible in the E (mag. 7.8) in Pisces after sunset

Wide field photo opportunity



Nov 3 @ 6:00 a.m. Mars, Jupiter, Moon, and Venus



Mars and Jupiter

Nov 18 @ 2:30 a.m. 15x70 binoculars FOV 4.4°

Halifax, NS 8 November 2026 @ 6:30 pm



Explore the Universe:

Autumn Constellations

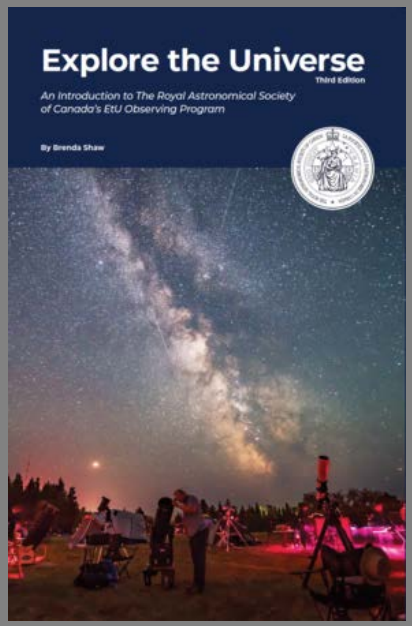
Pegasus

Andromeda

Cassiopeia

Perseus

Aries



Halifax, NS 8 November 2026 @ 6:30 pm



Explore the Universe:

Autumn Stars

Ranking:

#35 Mirfak (N)

Hamal (N)

Alpheratz (N)

Algol

Schedar (N)

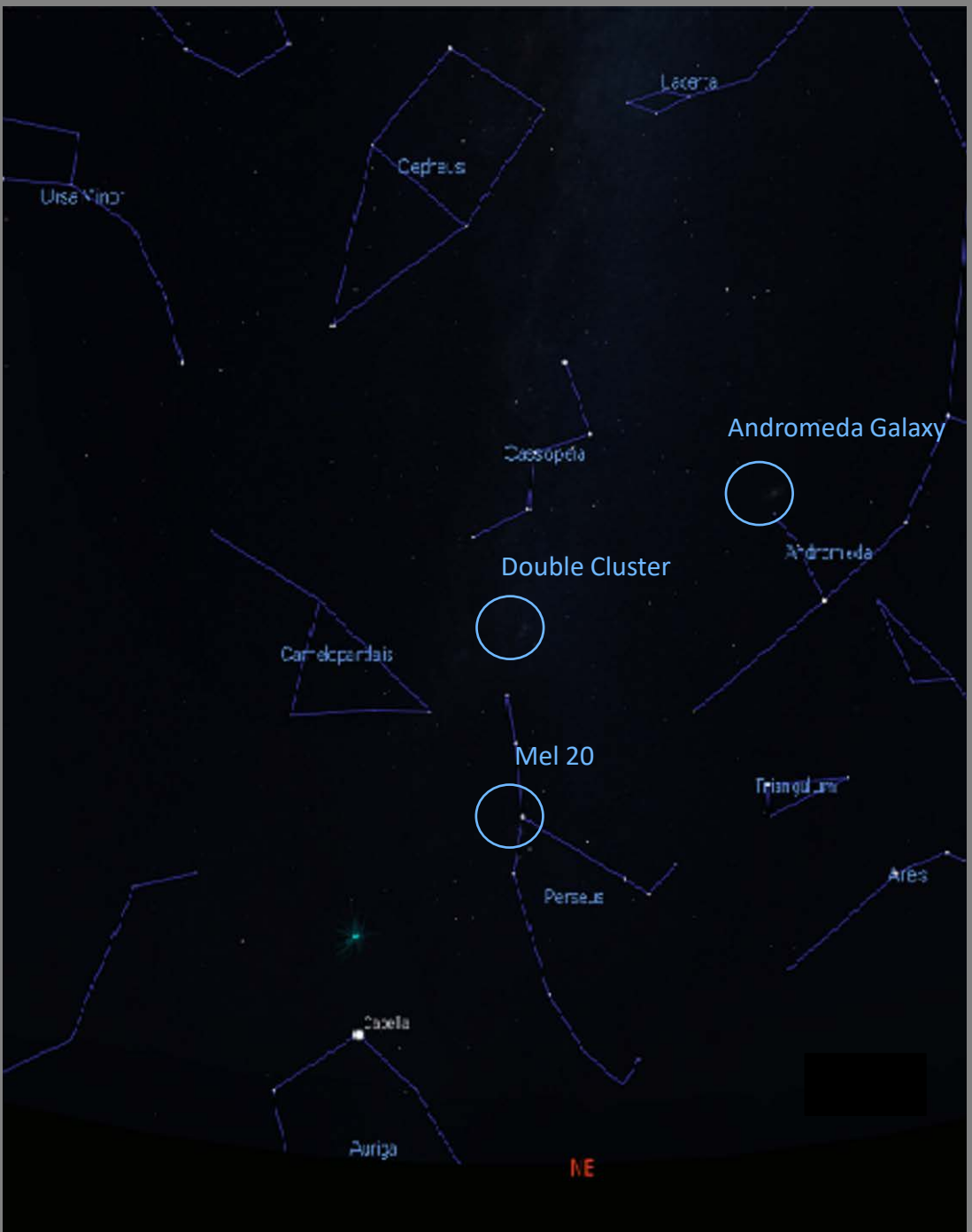
Markab

Sheratan

N = Navigation

all good for SynScan alignment

Halifax, NS 8 November 2026 @6:00 pm



Explore the Universe: Autumn Deep-Sky Objects

Messier 31 (Andromeda Galaxy)

Barred spiral galaxy

M32 and M110 are satellites



Halifax, NS 14 November 2026 @ 7:00 pm

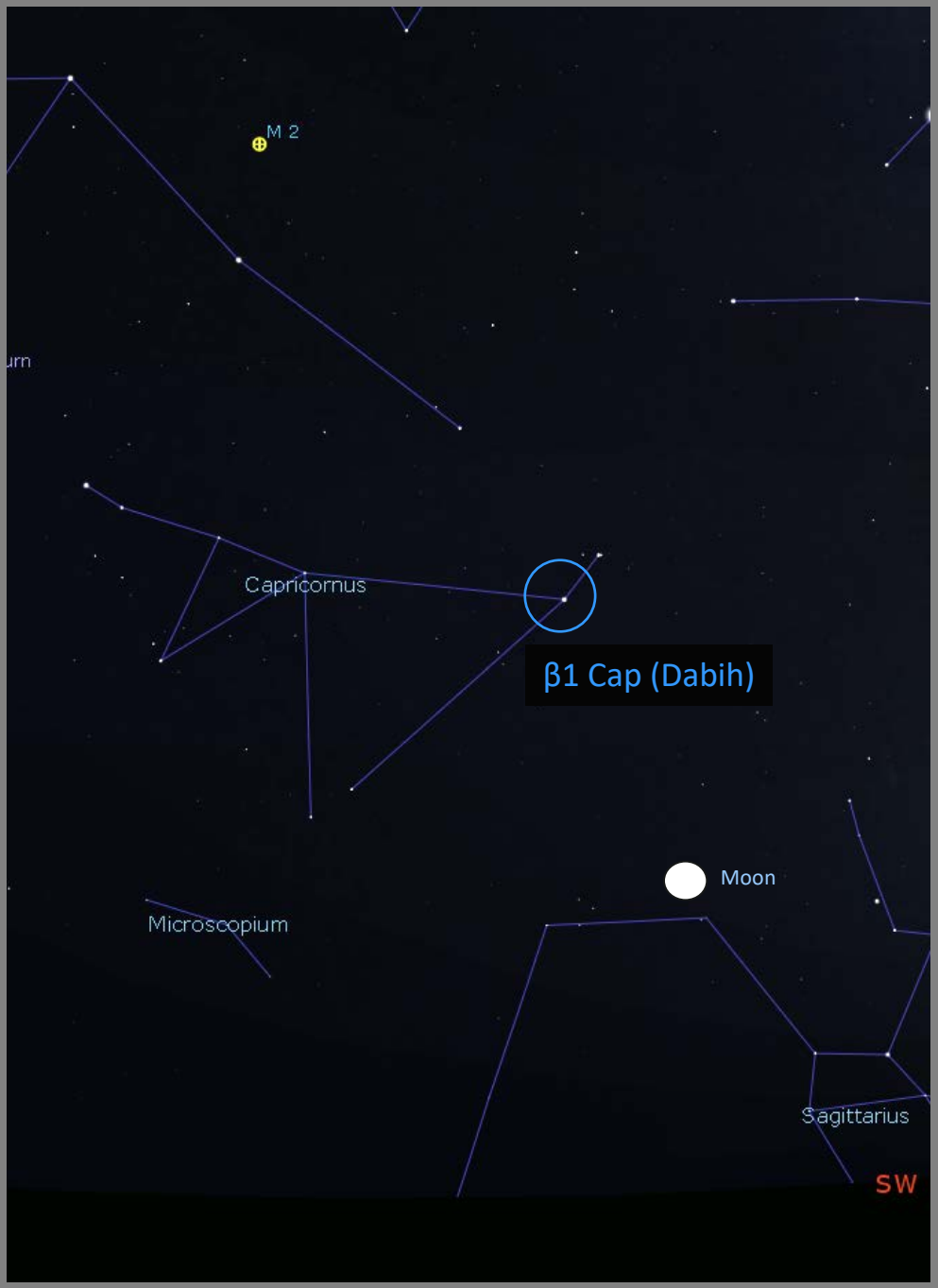
Explore the Universe: Double Star

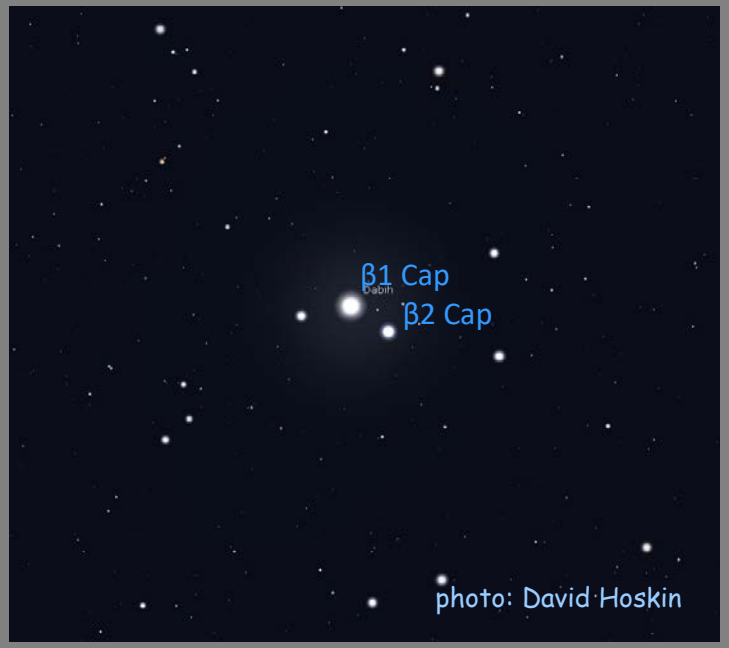
β1 & β2 Capricorni (3.2, 6.1, 207″)

Binocular double star (look after sunset) that is actually 5 stars

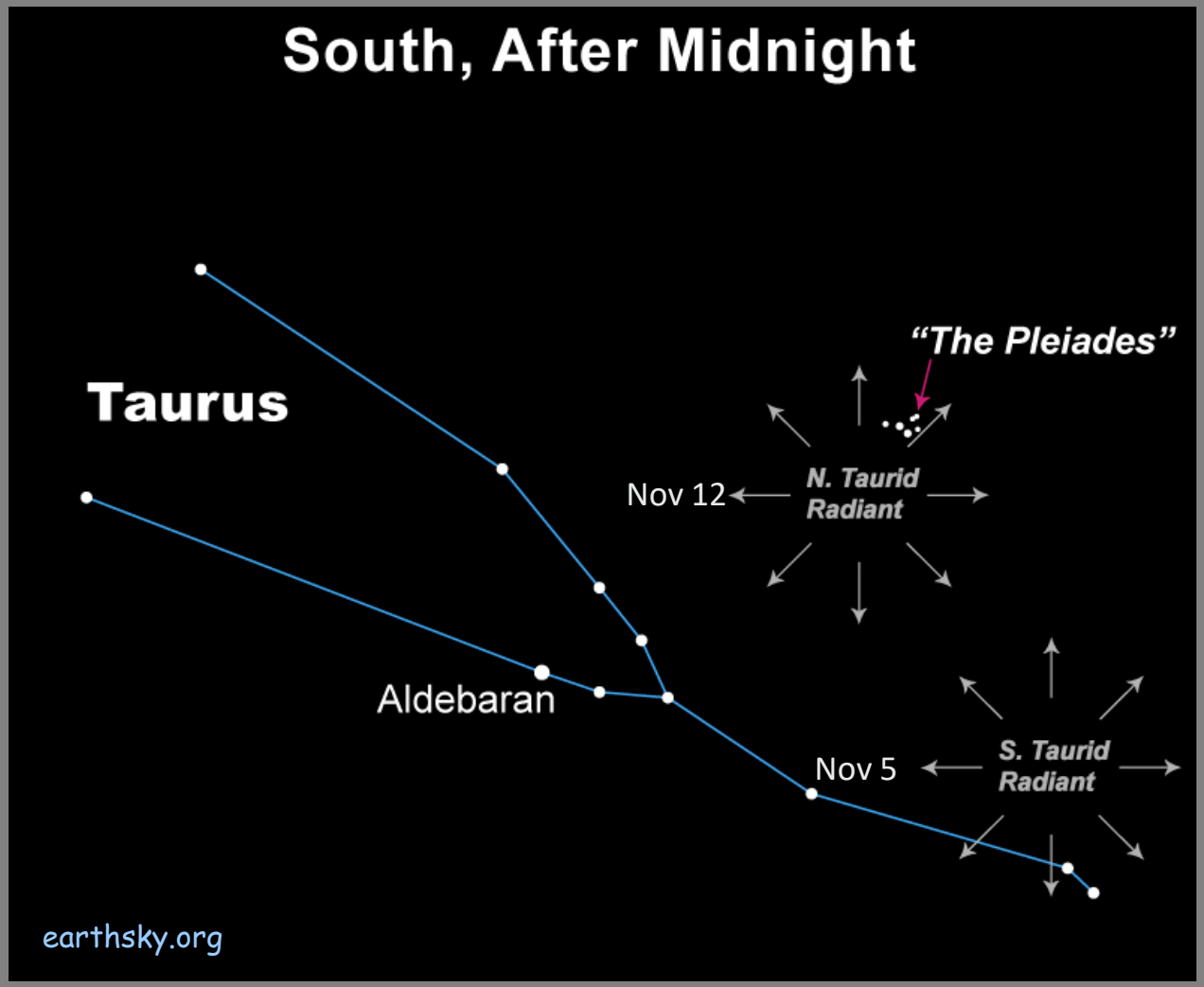
β1 Cap (Dabih) is an orange giant

β2 Cap is a white giant



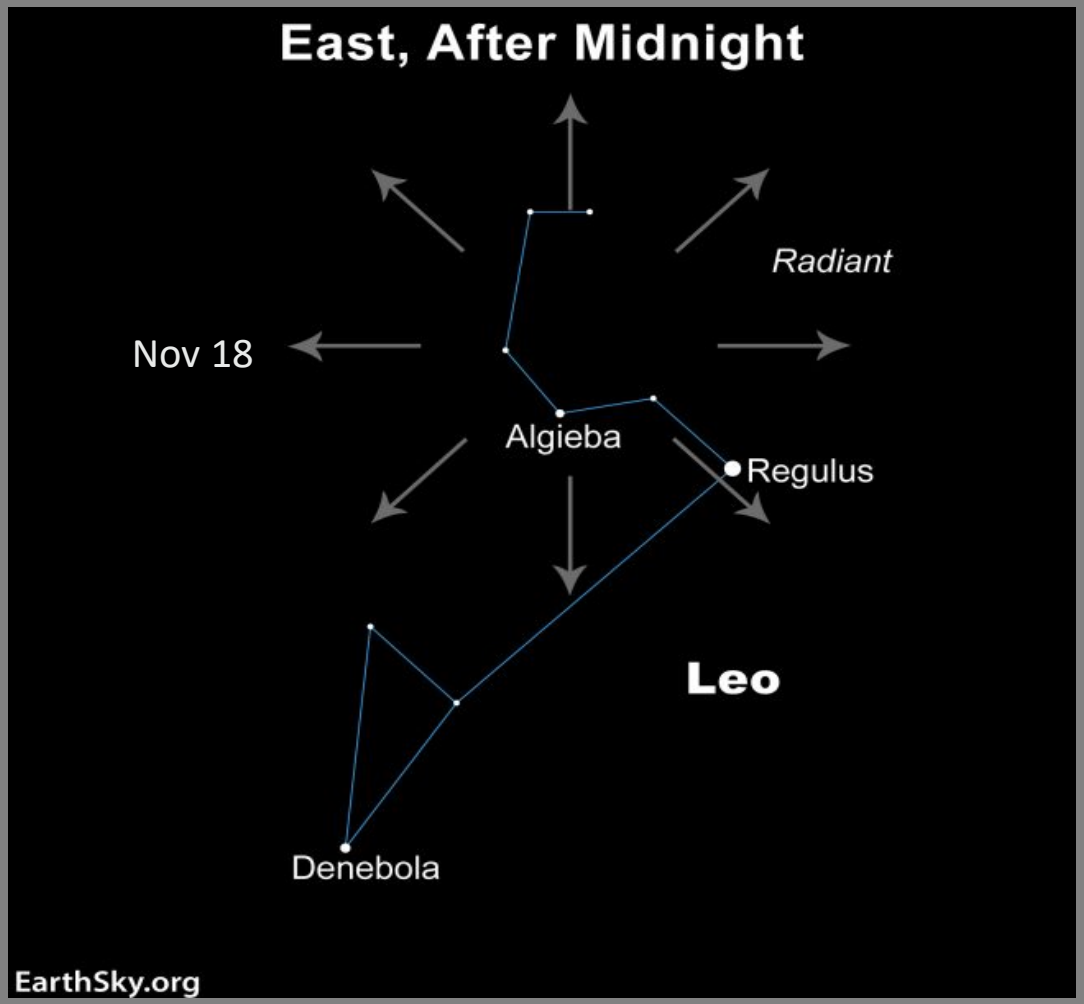


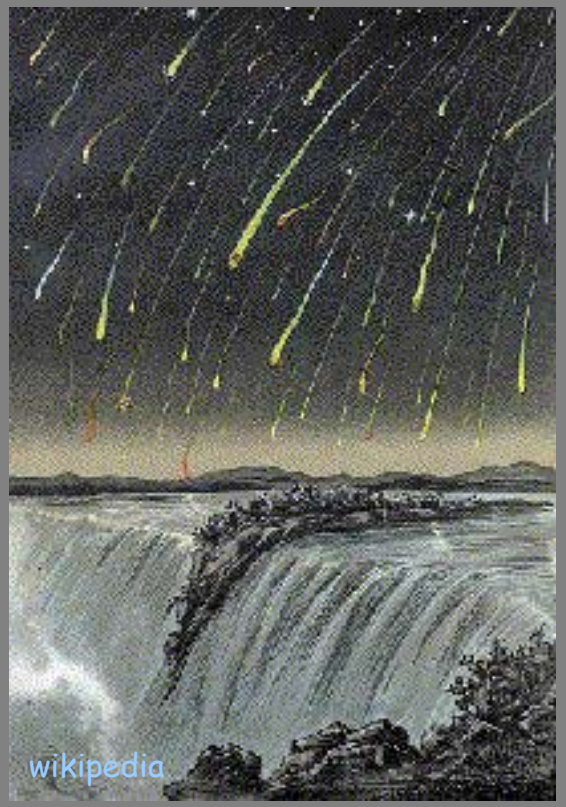
Southern and Northern Taurid Meteor Showers



- slow-moving meteors, fireballs are possible
- approximately 5/hour
- debris from Comet 2P/Encke

Leonid Meteor Shower





1833 Leonid
meteor storm
(100,000/hour)

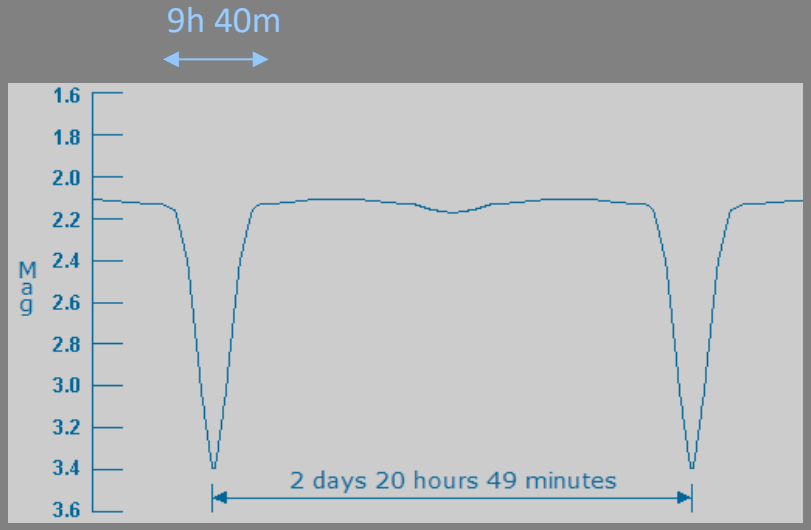
- fast moving meteors, up to 15/hour
- Comet P55/Temple Tuttle, due back in 2031, is the source

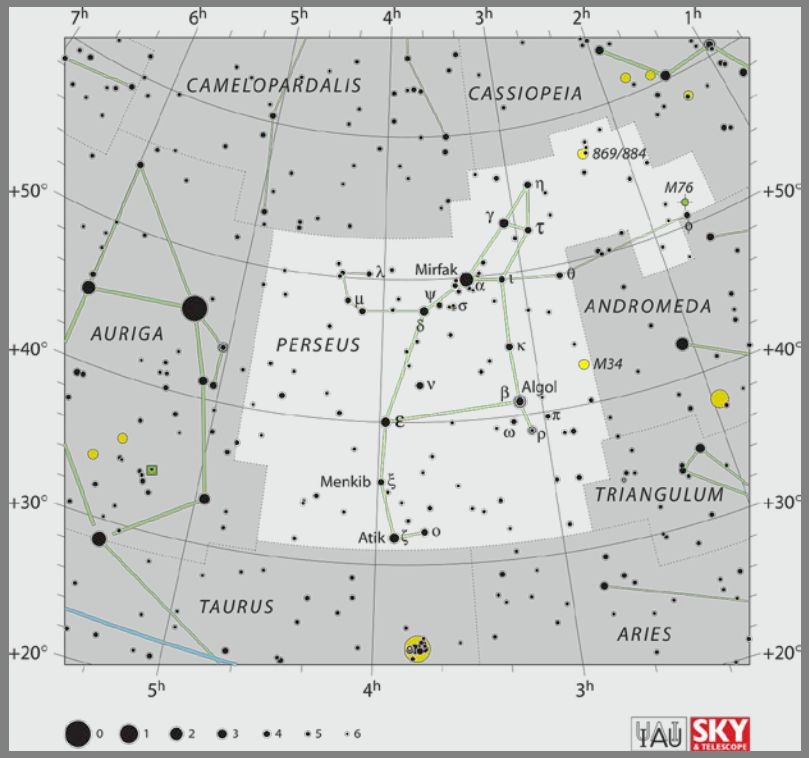
Algol (β Persei)

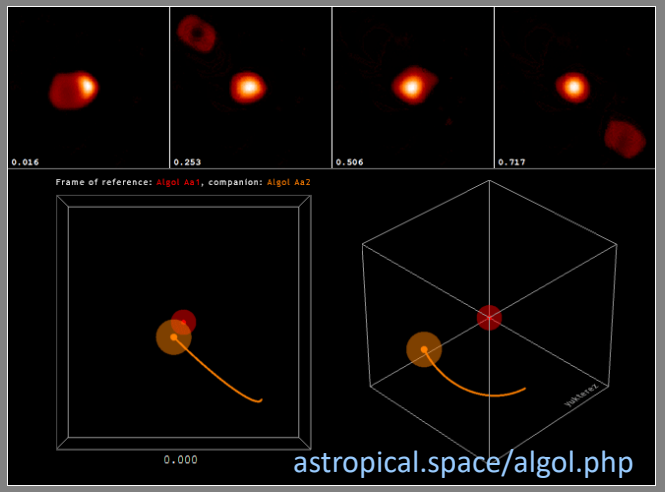
challenge

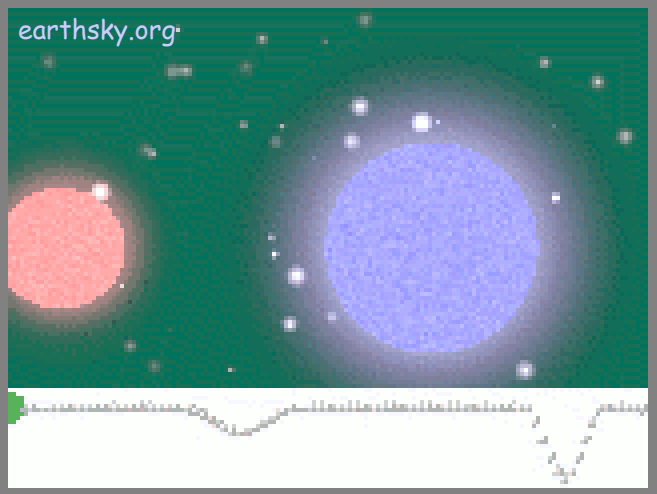
Nov 9 minimum 8:30 p.m. (mag. 3.2)

Nov 10 maximum 1:20 a.m. (mag. 2.2)









Questions?

observing@halifax.rasc.ca



photo: David Hoskin