

Visual Observer's Guide – July 2026

v0.1

Meeting Date

July 12, 2026

Night Begins

11:22 PM EDT

Note: Astronomical Twilight Ends

Solar Noon / Midnight

1:40 EDT

Note: on Meeting Date

Moon Quarters

Last 07/07, New 07/14, First 07/21 Full 07/29

Q-Day +1

Waning 07/08/2026, Waxing 07/22/2026

Darkest Evenings

07/05 – 07/19 *Note: 2 days before Last Quarter thru 2 days before First Quarter*

Viewing Resources

Evening Sky Maps

<http://skymaps.com/>

Astronomy Forecasts

<https://oaklandastronomy.net/WeatherInfo/>

Charles Wood, 21st Century Atlas of the Moon, ISBN 978-1-938228-80-3

Andrew Planck's Blog "What's Hot on the Moon Tonight?" <http://andrewplanck.com/>

RASC Explore the Moon

EtM

<https://rasc.ca/observing/explore-the-moon-observing-certificate>

Moon at Noon

<https://rasc.ca/moonatnoon>

Featured Lunar Targets:

Royal Astronomical Society of Canada: Explore the Moon, Q-Day 0, Moon Age 8 & 23

RASC EtM Explore the Moon (Telescope & Binocular) Q-Day +1, Moon Age 8 & 23						
Label	Feature Name	Bino	Description	NES	S&T	Size
72	Plato	Yes	Dark-floored crater on the margin of Mare Imbrium south of Mare Frigoris	N	NW D9	101
Z	Teneriffe Mountains		Small mountain range in Mare Imbrium	N	NW E8	110
V	Spitzbergen Mountains	Yes	Small range in the E quadrant of Mare Imbrium	N	NW F9	60
24	Archimedes		Sharp crater with terraced walls to the E of Mare Imbrium to the west Palus Putredinis	N	NW G9	81
85	Timocharis		Prominent crater located near the middle of Mare Imbrium	N	NW G8	34
44	Eratosthenes	Yes	Large crater at the S tip of Montes Apenninus	E	NW H8	58
S A	Sinus Aestuum (Seething)		Bay S of Mare Imbrium	E	NW H9	320
M Nu	Mare Nubium (Clouds)	Yes	Southernmost sea directly W of Alphonsus	S	SW M8	720
X	Straight Wall		Rupes Recta, a cliff on the E side of Mare Nubium	S		134
86	Tycho	Yes	Recent crater best seen at Full Moon when rays can be traced over much of the surface	S	SW P8	85
63	Maginus		Large old and eroded crater above Clavius	S	SW P9	181
36	Clavius	Yes	Large crater at the S end of the Moon	S	SW Q8	230

Explore the Moon – Telescope

https://rasc.ca/sites/default/files/EtM_Telescope_V4_1.pdf

Explore the Moon – Binocular

https://rasc.ca/sites/default/files/EtM_Binoculars_V4_0.pdf

EtM Photo Album

https://www.rasc.ca/sites/default/files/Photographic%20Album%20of%20the%20RASC%20Explore%20the%20Moon%20Features_sm.pdf