

Visual Observer's Guide – April 2026

v0.1

Meeting Date

April 12, 2026

Night Begins

9:53 PM EDT

Note: Astronomical Twilight Ends

Solar Noon / Midnight

1:35 EDT

Note: on Meeting Date

Moon Quarters

Full 04/01, Last 04/10, New 04/17, First 04/23

Q-Day -2

Waning 04/06, Waxing 04/21

Darkest Evenings

04/08 – 04/22

Note: 2 days before Last thru 2 days before First

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, S&T Field Map, and What's Hot on the Moon Tonight?

<http://andrewplanck.com/>

<http://andrewplanck.com/shop/>

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 -2, Moon Age 5 & 19

RASC EtM Explore the Moon (Telescope & Binocular) Q-Day -2, Moon Age 5 & 19						
Label	Feature Name	Bino	Description	NES	S&T	Size
L S	Lacus Somniorum (Dreams)		Large lava field connected with the NE of Mare Serenitatis	N	NE F12	425
74	Posidonius	Yes	Flooded crater with very irregular terrain	N	NE F12	100
17	Apollo 17 landing site		[Optional]	E	NE G13	0
M T	Mare Tranquillitatis	Yes	Large sea on the E side. First lunar landing site	E	NE J12	880
73	Plinius		Complex crater with multiple central mountains, view under different lighting conditions	E	NE H12	43
77	Ross		Crater within Mare Tranquillitatis on its W side	E	NE H12	24
23	Arago		Crater within Mare Tranquillitatis on its W side	E	NE J12	26
65	Maskelyne		Crater within Mare Tranquillitatis on its S side	E	NE J13	24
11	Apollo 11 landing site		[Optional]	E	NE J12	0
84	Theophilus	Yes	Bordering the edge of Mare Nectaris. Part of trio formed with Cyrillus and Catharina	E	SE L12	100
41	Cyrillus	Yes	Older than Theophilus, which overlaps its eastern wall, and is more eroded	E	SE L12	98
35	Catharina	Yes	Eroded crater at the N edge of the Altai Scarp	E	SE L12	100
M Ne	Mare Nectaris (Nectar)	Yes	Smallest of the major circular maria	S	SE L13	350
E	Altai Scarp	Yes	Incredible Rupa Altai is the continuous SW outer rim of the Nectaris basin.	S	SE M12	480

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