

X	FEATURE	DATE	TIME	SEEING	TRANSP.	LATITUDE	LONGITUDE
Naked-Eye Objects				E, VG, G, F, P	1 (worst) to 6 (best)		
(Within 72 Hrs of new)							
<input type="checkbox"/>	Old Moon in New Moon's Arms	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	New Moon in Old Moon's Arms	_____	_____	_____	_____	_____	_____
(Within 40 Hrs of new)							
<input type="checkbox"/>	Crescent Moon, Waxing	_____	_____	_____	_____	_____	_____
(Within 48 Hrs of new)							
<input type="checkbox"/>	Crescent Moon, Waning	_____	_____	_____	_____	_____	_____
(When full)							
<input type="checkbox"/>	Man in the Moon	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Woman in the Moon	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Rabbit in the Moon	_____	_____	_____	_____	_____	_____
(When gibbous)							
<input type="checkbox"/>	Cow Jumping Over the Moon	_____	_____	_____	_____	_____	_____
Maria							
<input type="checkbox"/>	Crisium	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Fecunditatis	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Serenitatis	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Tranquillitatis	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Nectaris	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Imbrium	_____	_____	_____	_____	_____	_____

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Naked-Eye Objects				E, VG, G, F, P	1 (worst) to 6 (best)		
Maria (continued)							
<input type="checkbox"/>	Frigoris	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Nubium	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Humorum	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Oceanus Procellarum	_____	_____	_____	_____	_____	_____

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Binocular Objects				E, VG, G, F, P	1 (worst) to 6 (best)		
Instruments Used		_____					
<input type="checkbox"/>	Lunar Rays	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Sinus Iridum	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Sinus Medii	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Sinus Roris	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Palus Somnii	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Palus Epidemiarum	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Mare Vaporum	_____	_____	_____	_____	_____	_____
Craters - ~4 Days old							
<input type="checkbox"/>	Langrenus	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Vendelinus	_____	_____	_____	_____	_____	_____

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Binocular Objects				E, VG, G, F, P	1 (worst) to 6 (best)		
Craters - ~4 Days old (continued)							
[]	Petavius	_____	_____	_____	_____	_____	_____
[]	Cleomedes	_____	_____	_____	_____	_____	_____
[]	Atlas	_____	_____	_____	_____	_____	_____
[]	Hercules	_____	_____	_____	_____	_____	_____
[]	Endymion	_____	_____	_____	_____	_____	_____
[]	Macrobius	_____	_____	_____	_____	_____	_____
~7 Days old							
[]	Piccolomini	_____	_____	_____	_____	_____	_____
[]	Theophilus	_____	_____	_____	_____	_____	_____
[]	Cyrillus	_____	_____	_____	_____	_____	_____
[]	Catharina	_____	_____	_____	_____	_____	_____
[]	Posidonius	_____	_____	_____	_____	_____	_____
[]	Fracastorius	_____	_____	_____	_____	_____	_____
[]	Aristoteles	_____	_____	_____	_____	_____	_____
[]	Eudoxus	_____	_____	_____	_____	_____	_____
[]	Cassini	_____	_____	_____	_____	_____	_____

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Binocular Objects				E, VG, G, F, P	1 (worst) to 6 (best)		
Craters - ~7 Days old (continued)							
[]	Hipparchus	_____	_____	_____	_____	_____	_____
[]	Albategnius	_____	_____	_____	_____	_____	_____
[]	Aristillus	_____	_____	_____	_____	_____	_____
[]	Autolycus	_____	_____	_____	_____	_____	_____
[]	Maurolycus	_____	_____	_____	_____	_____	_____
~10 Days old							
[]	Plato	_____	_____	_____	_____	_____	_____
[]	Archimedes	_____	_____	_____	_____	_____	_____
[]	Ptolemaeus	_____	_____	_____	_____	_____	_____
[]	Alphonsus	_____	_____	_____	_____	_____	_____
[]	Arzachel	_____	_____	_____	_____	_____	_____
[]	Walther	_____	_____	_____	_____	_____	_____
[]	Maginus	_____	_____	_____	_____	_____	_____
[]	Tycho	_____	_____	_____	_____	_____	_____
[]	Clavius	_____	_____	_____	_____	_____	_____
[]	Eratosthenes	_____	_____	_____	_____	_____	_____

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Binocular Objects				E, VG, G, F, P	1 (worst) to 6 (best)		
Craters - ~10 Days old (continued)							
<input type="checkbox"/>	Longomontanus	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Copernicus	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Bullialdus	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Aristarchus	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Gassendi	_____	_____	_____	_____	_____	_____
~14 Days old							
<input type="checkbox"/>	Kepler	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Grimaldi	_____	_____	_____	_____	_____	_____
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Telescopic Objects				E, VG, G, F, P	1 (worst) to 6 (best)		
Instruments Used _____							
<input type="checkbox"/>	Sinus Aestuum	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Lacus Mortis	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Palus Putredinis	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Promontorium Laplace	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Promontorium Heraclides	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Promontorium Agarum	_____	_____	_____	_____	_____	_____

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Telescopic Objects (continued)				E, VG, G, F, P	1 (worst) to 6 (best)		
<input type="checkbox"/>	Montes Alpes	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Montes Apenninus	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Mons Hadley	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Mons Piton	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Mons Pico	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Rupes Altai	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Rima Hyginus	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Vallis Schroteri	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Vallis Alpes	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Rupes Recta (straight wall)	_____	_____	_____	_____	_____	_____
Craters - ~4 days old							
<input type="checkbox"/>	Picard	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Furnerius	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Petavius Wall	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Messier/Messier A	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Proclus	_____	_____	_____	_____	_____	_____

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Telescopic Objects				E, VG, G, F, P	1 (worst) to 6 (best)		
Craters - ~4 days old (continued)							
<input type="checkbox"/>	Fabricius	_____	_____	_____	_____	_____	_____
~7 Days old							
<input type="checkbox"/>	Plinius	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Mitchell	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Cassini A	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Manilius	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Gemma Frisius	_____	_____	_____	_____	_____	_____
~10 Days old							
<input type="checkbox"/>	Davy	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Pitatus	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Billy	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Fra Mauro	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Clavius craterlets	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Hippalus	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	J Herschel	_____	_____	_____	_____	_____	_____
~14 Days old							
<input type="checkbox"/>	Schickard	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Reiner Gamma	_____	_____	_____	_____	_____	_____

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Optional Objects - each counts as 2 observations				E, VG, G, F, P	1 (worst) to 6 (best)		
Naked Eye:							
<input type="checkbox"/>	Estimate first quarter phase within eight hours.	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Estimate third quarter phase within eight hours.	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Estimate full moon within thirty-six hours.	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Plot moon's position against the stars for three consecutive days.	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Compare the size of the full moon on the horizon with the full moon on the meridian using a dime held at arm's length.	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Find the thinnest phase by which you can read newsprint.	_____	_____	_____	_____	_____	_____
Binocular:							
<input type="checkbox"/>	Sketch libration - use Mare Crisium or Grimaldi for examples.	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Sketch a lunar map - use any scale for binoculars only.	_____	_____	_____	_____	_____	_____
Telescopic:							
<input type="checkbox"/>	Plot the moon's hourly motion against the stars for two hours or more.	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Measure the height of a lunar mountain - need to calculate the sun's elevation at the mountain and estimate the shadow length - try Mt. Piton.	_____	_____	_____	_____	_____	_____