

Observing Program	Difficulty			Equipment				Needs			Style					
	Beginner	Intermediate	Advanced	Unaided Eyes	Binocular	Telescope	Special Equipment Needed	Southern Hemisphere	Build Equipment	Maximum Age Allowed	Manual	Device Aided	Remote Telescopes	Night Vision Enhanced	Visual	Imaging
Active Galactic Nuclei OP		X				X					X	X	X	X	X	X
Advanced Observer OA			X	mixed							mixed				X	X
Advanced Binocular Double Star OP		X			X						X				X	
Alternate Constellations OP	X			X	X						X			X	X	
Analemma OP			X	X			X				X	n/a				
Arp Peculiar Galaxies - Northern OP			X			X					X	X	X	X	X	X
Arp Peculiar Galaxies - Southern OP			X			X					X	X	X	X	X	X
Asterism OP		X		mixed							X			X	X	X
Asteroid OP	X					X					X	X	X	X	X	X
Astronomical League OCC	mixed					X					X	X	X	X	X	X
Astronomy Before the Telescope OC		X		X			X		X		n/a				X	
Bennett OP		X				X		X			X			X	X	X
Beyond Polaris OP	X			X							n/a				X	
Binocular Double Star OP	X	X			X						X				X	
Binocular Master Observer OA			X		X						X				X	
Binocular Messier OP		X			X						X				X	
Binocular Variable Star OP		X			X						X				X	
Bright Nebulae OP			X		X	X					X	X	X	X	X	X
Caldwell - Silver OP		X		X	X	X					X				X	
Caldwell - Gold OP		X		X	X	X		X			X				X	
Carbon Star OP	X					X					X	X	X		X	X
Citizen Science OC	X			n/a							n/a					
Comet OP		X		mixed							X	X	X	X	X	X
Constellation Hunter - Northern OP	X			X							X			X	X	
Constellation Hunter - Southern OP	X			X				X			X			X	X	
Dark Nebulae OP			X	n/a							X	X			X	X
Dark Sky Advocate OA	X			X		X					X	X			X	X
Deep Sky Binocular OP		X			X						X				X	
Double Star OP		X				X					X	X			X	X
Earth Orbiting Satellite OP	X			X	X	X					X	X	X	X	X	X
Flat Galaxy OP			X			X					X	X	X	X	X	X
Foundations of Imaging OP		X				X					X	X	X			X
Galaxy Groups and Clusters OP			X			X					X	X	X	X	X	X
Galileo OP	X				X	X					X				X	
Galileo - Binocular OP	X				X						X				X	
Galileo's TOES OC		X				X					X	X	X	X	X	X
Galileo's TOES II OC		X				X					X	X	X	X	X	X
Globular Cluster OP		X				X					X	X	X	X	X	X
Herschel 400 OP			X			X					X	X	X	X	X	X

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Herschel II OP			X			X					X	X	X	X	X	X
Herschel Hustle			X			X					X	X	X	X	X	X
Herschel Society OC			X			X					X	X	X	X	X	X
Hydrogen Alpha - Solar OP		X				X	X				X	X			X	X
Imaging - Bennett OP		X				X		X				X				X
Imaging - Caldwell OP		X				X		X				X				X
Imaging - Messier OP		X				X						X				X
Jupiter OP			X			X					X	X	X		X	X
Library Telescope OA	X			n/a							n/a					
Local Galaxy Group and Neighborhood OP			X			X					X	X	X	X	X	X
Local Galaxy Group Southern Challenge OP			X			X		X			X	X	X	X	X	X
Lunar OP	X					X					X				X	X
Lunar - Binocular OP	X				X						X				X	
Lunar II OP		X				X					X				X	X
Lunar Evolution OP		X				X					X				X	X
Mars OP			X			X					X	X	X		X	X
Master Imager OA			X			X					mixed					X
Master Observer OA			X			X					mixed					
Master Observer - Silver OA			X			X					mixed					
Master Observer - Gold OA			X			X					mixed					
Master Observer - Platinum OA			X			X					mixed					
Mentor OA	X			n/a				n/a			n/a					
Messier OP		X				X					X				X	
Meteor OP	X			X							X				X	
Multiple Star OP			X			X					X	X	X		X	X
NASA OCC		mixed				X					X	X	X	X	X	X
Nova OP		X				X					X	X	X	X	X	X
Observer OA	X			X	X	X					mixed				X	X
Occultation OP			X			X					X	X	X	X	X	X
Open Cluster OP		X				X					X	X	X	X	X	X
Outreach OA	X			n/a							n/a					
Planetary Nebulae OP		X				X					X	X	X	X	X	X
Planetary Transit SOA	X					X					X	X			X	X
Radio Astronomy OP		X	X				X	X			X	X	X			n/a
Sketching OP	X			mixed							X	X			X	
Sky Puppy OP	X					X			10		X				X	
Solar Eclipse SOA			X			X	X				X	X			X	X
Solar Neighborhood OP	X			X	X	X		X			X	X	X		X	X
Solar System - OP	X					X					X	X			X	X

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Solar System - Binocular OP	X				X						X				X	
Southern Skies Binocular OP		X			X			X			X				X	
Southern Skies Telescope OP		X				X		X			X	X		X	X	X
Spectroscopy OP			X			X	X				X	X				X
Stellar Evolution OP	X					X					X	X			X	X
Sunspotters OP	X					X	X				X	X			X	X
Target NEO OP			X			X					X	X	X			X
Two in the View OP		X			X	X					X	X		X	X	X
Universe Sampler OP	X			mixed							X				X	
Urban OP		X			X	X					X	X			X	
Variable Star OP		X		X	X	X					X	X	X		X	X
Youth Astronomer OP	mixed			X	X	X				17	mixed					