

December 2015 Observing Targets

Naked Eye and Binocular			
Caldwell 41	OC	Taurus	Hyades – Massive open cluster around Aldebaran
M36	OC	Auriga	Pinwheel Cluster in Auriga, Mag+6.0
M37	OC	Auriga	Bright open cluster n Auriga, Mag+5.5
M38	OC	Auriga	Starfish Cluster in Auriga, Mag+6.4
NGC 1245	OC	Perseus	Mag +8.4, 40', 30-50 stars visible in Binoculars to small scopes

Small to Medium Telescope			
M76	PN	Perseus	Little Dumbell Nebula
M77	GX	Cetus	Cetus A – Spiral Galaxy
NGC 1535	PN	Eridanus	Cleopatra's Eye – Mag+9.4, .8'x.7'
Gamma Ceti	DS	Cetus	Kaffaljidhma – Mag+3.5, +6.2 Separation 2.3"
Iota Cas	DS	Cassiopeia	Double star in Cassiopeia, Mag+6.7, +9.5, Sep 2.6"

More Difficult Targets			
IC 405	NB	Auriga	Flaming Star Nebula in Auriga, Mag+10
Abell 4	PN	Perseus	Planetary Nebula in Perseus, 22", Mag+16.7. Must use filter
NGC 246	PN	Cetus	Skull Nebula - Mag+10.4, 4'x3.5'
NGC 891	GX	Andromeda	Edge-on spiral galaxy – Mag+9.9, 11.7'x1.6'
NGC 1501	PN	Camelopardalis	Mag+11.9, OIII filter helps a lot. Don't be afraid of the +11.9!

Challenge Object			
Comet Catalina		Virgo	Comet visible at Dawn

PN=Planetary Nebula GC=Globular Cluster OC=Open Cluster DS=Double Star NB=Nebula GX=Galaxy