

AB Oct 2024 Targets

Object / Name	Type	Constellation	Notes	Scope	Filter to Use	Exposure
Starclouds: (Widefield)						
Auriga	S. Cloud	Auriga	early Winter	Cannon 5mm	IR	60 sec subs for 15 or 30 minutes
Gemini	S. Cloud	Gemini	Winter	Cannon 5mm	IR	60 sec subs for 15 or 30 minutes
Orion (Barnard's Loop)	S. Cloud	Orion	Winter	Cannon 5mm	IR	60 sec subs for 15 or 30 to 60 minutes
Monoceros	S. Cloud	Monoceros	Winter	Cannon 5mm	IR	60 sec subs for 15 or 30 minutes
Specific Objects:						
Sadr region (IC1318) Butterfly Nebula	E. Nebula	Cygnus (Gamma)		EVO50mm	L-eNhance	3 min subs for 15 or 30 minutes
Tuplip Nebula SH2-101	E. Nebula	Cygnus		EVO50mm & 8" SCT	L-eNhance	3 minute subs for 15 or 30 minutes
Webb's Wreath - oval asterism	Stars	Hercules	RA:18h 02m Dec +26 18m	C25mm, EVO50, 8"SCT	IR / L-Pro	60 sec subs for 15 minutes
B160 & B161 (IC1396) Elephant Trunk	E. / D. Neb	Cepheus		C25mm, EVO50, 8"SCT	IR / L-Pro	60 sec / 3 min subs for 15 or 30 minutes
NGC40	P. Nebula	Cepheus	"Bow-Tie Nebula"	8" SCT	L-eNhance	15 second subs for 15 or 30 minutes
NGC6905	P. Nebula	Cepheus	"Blue Flash Nebula"	8" SCT	L-eNhance	15 second subs for 15 or 30 minutes
M34	O. Cluster	Perseus		C25mm, EVO50, 8"SCT	IR / L-Pro	60 sec / 3 min subs for 15 or 30 minutes
Melotte 20 Alpha Persei OB Asso	O. Cluster	Perseus		Canon 25m & EVO50	IR / L-Pro	60 sec / 3 min subs for 15 or 30 minutes
M36	O. Cluster	Auriga		C25mm, EVO50, 8"SCT	IR / L-Pro	60 sec / 3 min subs for 15 or 30 minutes
M37	O. Cluster	Auriga		C25mm, EVO50, 8"SCT	IR / L-Pro	60 sec / 3 min subs for 15 or 30 minutes
M38	O. Cluster	Auriga		C25mm, EVO50, 8"SCT	IR / L-Pro	60 sec / 3 min subs for 15 or 30 minutes
ORAS C14 Objects:						
IC342	Galaxy	Camelpardalis	"Hidden Galaxy"	C14	L-Pro	3 or 5 minute subs for 30 to 60 minutes
M33	Galaxy	Triangulum	see November Sky&Tel	C14	L-Pro	3 or 5 minute subs for 30 to 60 minutes
NGC6946	Galaxy	Cepheus	"FireWorks Galaxy"	C14		3 or 5 minute subs for 30 to 60 minutes
Kn32 "Dracula's Chivito"	P. Nebula	Cepheus	14.2m Edge-on protoplanetary dust disk RA 23h 09m 43.6s DEC +67° 23' 39"	C14	L-Pro	3 or 5 minute subs for 30 to 60 minutes
Eastern Veil - NGC6992	SNR	Cygnus		C14	L-eNhance	3 or 5 minute subs for 30 to 60 minutes
Western Veil - NGC6990	SNR	Cygnus	"Witches Broom"	C14	L-eNhance	3 or 5 minute subs for 30 to 60 minutes
Cassiopeia A	SNR	Cassiopeia	RA: 23h 23m 24s Dec: +58° 48.9'	C14	L-eNhance	3 or 5 minute subs for 30 to 60 minutes
IC63	E. Nebula	Cassiopeia	"Ghost Nebula"	C14	L-eNhance	3 or 5 minute subs for 30 to 60 minutes
NGC246	P. Nebula	Cetus	"Skull nebula"	C14	L-eNhance	3 or 5 minute subs for 30 to 60 minutes
NGC7293	P. Nebula	Aquarius	"Helix Nebula"	C14	L-eNhance	3 or 5 minute subs for 30 to 60 minutes
M2	G. Cluster	Aquarius		C14	L-Pro	3 or 5 minute subs for 30 to 60 minutes
NGC891	Galaxy	Andromeda		C14	L-Pro	3 or 5 minute subs for 30 to 60 minutes
NGC7714 & 7715 (Arp284)	Quasar	Pisces	QSO2333+019	C14	L-Pro	3 or 5 minute subs for 30 to 60 minutes
Solar System Objects:						
Comet C/2023 A3 (Tsuchinshan-ATLAS)	Comet	Sextans	8th mag	8" SCT	L-Pro	see the TheSkyLive for charts
Saturn's Moons	Moons	Aquarius		8" SCT	IR or L-Pro	see the TheSkyLive for charts
Project Objects:						
SH2 Project - Book	E. Nebula			EVO50mm & 8" SCT	L-eNhance	3 minute subs for 15 or 30 min ROI=4144
Barnard Project - Book	D. Nebula			EVO50mm & 8" SCT	L-Pro	3 minute subs for 15 or 30 min ROI=4144
Abell Galaxy Clusters - Book	Galaxy			8" SCT	L-Pro	3 minute subs for 30 min ROI=2072x1410
Palomar Galaxy Clusters - Book	Galaxy			8" SCT	L-Pro	3 minute subs for 15 min ROI=2072x1410
Arp Peculiar Galaxies - Book	Galaxy			8" SCT	L-Pro	3 minute subs for 30 min ROI=2072x1410
Experimental:						
Cygnus X-1	Black Hole	Cygnus (Located near Sh2-101 (Tulip Nebula).	The bright blue supergiant HDE 226868 that is part of the Cygnus X-1 binary system is easy to spot. But, seeing the bow shockwave of Cygnus X-1 via EAA will be extremely difficult.	EVO50, 8"SCT	L-Pro	5 or 10 minute subs for 60 minutes See August EAA Cloudynight challenge
Late Adds:						

Notes:
