12 DEEP SKY OBJECTS TO PHOTOGRAPH

WINTER

Name	Classifier	Size	Magnitude	RA	Dec
Pleiades	M45	1.7°	1.2	3h 46' 59"	24° 07' 00"
Orion Nebula	M42	1.5°	4.0	5h 35' 17"	-5° 22' 59"
Rosette Nebula	NGC2237	1.3°	9.0	6h 31' 35"	5° 01' 11"



SPRING

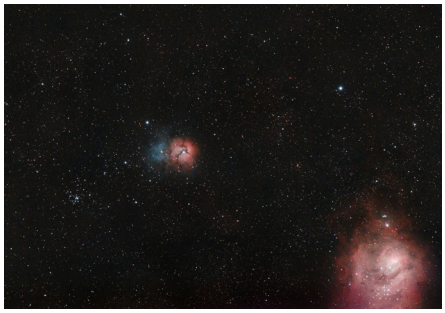
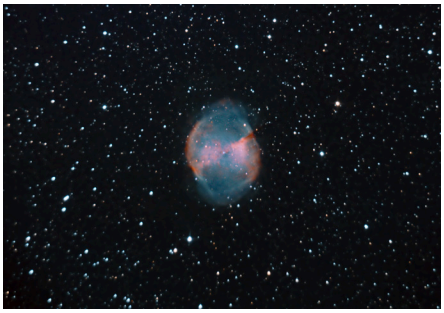
Name	Classifier	Size	Magnitude	RA	Dec
Beehive Cluster	M44	1.2°	3.1	8h 40' 23"	19° 40' 12"
M81 Group (Bodes, Cigar, etc.)	M81/M82	1.5°	6.9	9h 55' 33"	69° 04' 02"
Whirlpool Galaxy	M51	12 arcmin*	8.4	13h 29' 52"	47° 11' 44"



*This is pretty small. I used the 12" scope in the Sawin to get good details in under 1 hour.

SUMMER

Name	Classifier	Size	Magnitude	RA	Dec
Lagoon and/or Trifid Nebulae	M20/M8	2°	5.0	18h 03' 41"	-24° 22' 59"
Dumbbell Nebula	M27	6.7 arcmin*	7.4	5h 35' 17"	-5° 22' 59"
North America Nebula	NGC7000	2°	4.0	21h 01' 48"	44° 12' 00"


FALL

Name	Classifier	Size	Magnitude	RA	Dec
Andromeda Galaxy	M31	3.2°	3.4	0h 42' 44"	41° 16' 08"
Triangulum Galaxy	M33	1.1°	5.7	1h 33' 51"	30° 39' 29"
California Nebula	NGC1499	2.7°	5.0	4h 03' 11"	36° 21' 59"



*This is pretty small. I used the 12" scope in the Sawin to get good details in under 1 hour.

Notes:
Compiled by Nico Carver. All reference photos are ones I took that use 1 hour or less of total integration. They were all taken in Newark or at the Sawin Observatory. All but M51 were taken with an unmodified DSLR camera. A CLS light pollution filter was used for most. Last updated 8/9/2018