

Ophiuchus - The Serpant Bearer

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|-----------------|-------------|--------------|---------------------------------------|----------------------------|
| CR 331 | | | Open Cluster II 1m | |
| Jul 31 2005 | 8" | 11mmT6 | MF,FS,OVAL SHAPE, R=F, LOOSE GROUPING | |
| CR 350 | | | Open Cluster IV1p | |
| Aug 02 2019 | 12" | 7mm TV | LARGE AND LOOSE, FAINT MEMBERS,R=F | |
| Jul 21 2007 | 1.9" | 12x50 | PB,VL,NICE CLUSTER,R=G | |
| Jul 03 2005 | 8" | 19mmW | VB,ML,R=F, LOOSE GROUPING | |
| HP 1 | | | Globular | |
| Jul 23 2016 | 12" | 8mm Et | VF,VS,R=P. | |
| Jul 13 2007 | 8" | 7.5mmW | VF,VS,R,PATCHY,R=F | |
| IC 1257 | | | Globular | |
| Jun 19 2020 | 12" | 8mm Et | FAIR | |
| Aug 02 2019 | 12" | 7mm TV | VF,VS,R=P | |
| Jul 03 2005 | 8" | 11mmT6 | VF,VS,AV,R=F | |
| IC 4603 | | | Nebula R | |
| Aug 24 2019 | 12" | 17mmT4 | PF,S,R=F. OIII. LP2 NOT MUCH HELP | |
| IC 4604 | | | Nebula R | |
| Aug 24 2019 | 12" | 17mmT4 | PF,S,R=F. OIII. LP2 NOT MUCH HELP. | |
| Jul 21 2007 | 1.9" | 12x50 | PF,PS,AV,JUST DETECTED,R=F | |
| IC 4634 | | | Planetary Neb 2a+3 | |
| Jul 31 2005 | 8" | 7.5mmW | VVF,VS,AV,R=F | |
| IC 4665 | | | Open Cluster 6.0 III 2 m | |
| Jun 17 2016 | 12" | 8mm Ds | WIDE/OPEN CLUSTER | |
| Oct 08 2006 | 1.9" | 12x50 | B,PL,R=G, LOOSE GROUPING | |
| May 22 2004 | 8" | 25mmPL | DECENT NIGHT - MEGASTAR CONTROL | |
| NGC 6171 | M107 | H40-6 | Globular | GCL,L,VRI,VMC,R,RRR |
| Jul 02 2017 | 12" | 17mmT4 | OK | |
| Mar 16 2012 | 18" | 17mmAT | 2012 M.M. | |
| Mar 01 2011 | 12" | 17mmAT | M.M. 2011 - MANUAL SETTING CIRCLES | |
| Mar 08 2010 | 12" | 11mmT6 | M.M. 2010 MANUAL SETTING CIRCLES | |
| Mar 20 2009 | 16" | 26mm | MESSIER MARATHON - 2009 | |
| Aug 20 2006 | 1.9" | 12x50 | VF,PS,AV,R=F | |
| Mar 27 2006 | 8" | 19mmW | F,L,R=F, DENSE | |
| Jun 14 2004 | 8" | 25mmPL | SPOTTY CLOUDS - MEGASTAR CONTROL | |
| NGC 6218 | M12 | | Globular | GCL,VB,VL,IR,GMBM |
| May 31 2019 | 12" | 11mmT6 | NICE | |
| Jul 08 2018 | 12" | 17mmT4 | B,S,R=E | |
| Jul 02 2017 | 12" | 17mmT4 | NOT AS BRIGHT AS M 10. | |
| Jul 15 2015 | 12" | 17mmT4 | | |

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| NGC 6218 | M12 | Globular | GCL,VB,VL,IR,GMBM |
| May 23 2012 18" | 17mmAT | GLOBULAR CLUSTER EYE CANDY | |
| Mar 16 2012 18" | 17mmAT | 2012 M.M. | |
| Mar 01 2011 12" | 17mmAT | M.M. 2011 - MANUAL SETTING CIRCLES | |
| Mar 08 2010 12" | 11mmT6 | M.M. 2010 MANUAL SETTING CIRCLES | |
| Mar 20 2009 16" | 26mm | MESSIER MARATHON - 2009 | |
| Aug 12 2006 1.9" | 12x50 | PF,S,R,R=F | |
| Mar 27 2006 8" | 19mmW | B,L,R=G,LOOSELY PACKED | |
| May 04 2005 8" | 11mmT6 | MB,ML,R=E | |
| May 16 2004 10" | 28mm | CLEAR - MEGASTAR CONTROL | |
| NGC 6235 | H584-2 | Globular | PB,CL,IR,RRR,*14..16 |
| Jun 19 2020 12" | 8mm Et | GOOD | |
| Aug 02 2019 12" | 7mm TV | PF,PS,R=F. ALMOST BLOTTED OUT BY JUPITER | |
| Jul 15 2006 8" | 19mmW | CF,PS,R-F,LITTLE BRIGHTER, DIM STARS | |
| Jul 08 2004 8" | 25mmPL | VERY CLEAR NIGHT - LEFT AT 1:00AM | |
| NGC 6240 | | Galaxy I0: pec | VF,PL,LE,DIF |
| Jul 03 2005 8" | 11mmT6 | VF,VS,OVAL,NND,AV,R=F | |
| NGC 6254 | M10 | Globular | GCL,B,VL,R,GVMBM,RRR |
| May 31 2019 12" | 11mmT6 | NICE | |
| Jul 08 2018 12" | 17mmT4 | B,S,R=E | |
| Jul 02 2017 12" | 17mmT4 | NOT TOO BAD. | |
| Aug 21 2015 12" | 17mmT4 | | |
| Jul 15 2015 12" | 17mmT4 | | |
| May 23 2012 18" | 17mmAT | GLOBULAR CLUSTER EYE CANDY | |
| Mar 16 2012 18" | 17mmAT | 2012 M.M. | |
| Mar 01 2011 12" | 17mmAT | M.M. 2011 - MANUAL SETTING CIRCLES | |
| Mar 08 2010 12" | 11mmT6 | M.M. 2010 MANUAL SETTING CIRCLES | |
| Mar 20 2009 16" | 26mm | MESSIER MARATHON - 2009 | |
| Aug 12 2006 1.9" | 12x50 | PF,S,R,R=F | |
| Jul 16 2006 8" | 19mmW | PB,PL,R=G, OUTER STARS RESOLVED. | |
| Mar 27 2006 8" | 19mmW | B,L,R=G,LOOSELY PACKED | |
| May 16 2004 10" | 28mm | CLEAR - MEGASTAR CONTROL | |
| NGC 6266 | M62 | Globular | GCL,VB,L,GMBM,RRR, |
| Jun 19 2020 12" | 8mm Et | GOOD. SQM: 20.06. TEMP: 62 DEGREES AT 0000HRS. | |
| Aug 02 2019 12" | 7mm TV | BB,S,R=E. NICE GLOBULAR | |
| Mar 16 2012 18" | 17mmAT | 2012 M.M. | |
| Mar 01 2011 12" | 17mmAT | M.M. 2011 - MANUAL SETTING CIRCLES | |
| Mar 08 2010 12" | 26mm | M.M. 2010 MANUAL SETTING CIRCLES | |
| Mar 20 2009 16" | 26mm | MESSIER MARATHON - 2009 | |
| Aug 16 2006 1.9" | 12x50 | B,S,R=F | |
| Mar 27 2006 8" | 19mmW | B,S,R=G, TIGHT GROUP | |
| Aug 14 2004 8" | 11mmT6 | | |
| May 16 2004 10" | 28mm | CLEAR - MEGASTAR CONTROL | |

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| NGC 6273 | M19 | Globular | GCL,VB,L,R,VCM,RRR |
| Jun 19 2020 12" | 8mm Et | GOOD | |
| Jul 08 2018 12" | 17mmT4 | B,S,R=E | |
| Jul 02 2017 12" | 17mmT4 | SMUDGE. CANNOT RESOLVE ANY STARS | |
| May 30 2016 12" | 8mm Ds | F,S,R=F. LOW ON HORIZON | |
| Mar 16 2012 18" | 17mmAT | 2012 M.M. | |
| Mar 01 2011 12" | 17mmAT | M.M. 2011 - MANUAL SETTING CIRCLES | |
| Mar 08 2010 12" | 11mmT6 | M.M. 2010 MANUAL SETTING CIRCLES | |
| Mar 20 2009 16" | 26mm | MESSIER MARATHON - 2009 | |
| Aug 16 2006 1.9" | 12x50 | F,S,R=F | |
| Mar 27 2006 8" | 19mmW | B,S,R=G, TIGHT GROUP | |
| May 16 2004 10" | 28mm | CLEAR - MEGASTAR CONTROL | |
| NGC 6284 | H11-6 | Globular | GCL,B,L,R,CM,ST16... |
| Jun 19 2020 12" | 13mmHV | B,S,R=G | |
| Jul 02 2017 12" | 17mmT4 | PF,PS,R=F. SMUDGE | |
| May 30 2016 12" | 8mm Ds | VF,PS,R=F | |
| Jul 15 2006 8" | 19mmW | PF,PS,R=F | |
| Jun 14 2004 8" | 25mmPL | SPOTTY CLOUDS - MEGASTAR CONTROL | |
| NGC 6287 | H195-2 | Globular | GCL,CB,L,R,GPMCM,RRR |
| Jun 19 2020 12" | 13mmHV | F,S,R=G | |
| May 30 2016 12" | 8mm Ds | VF,PS,R=F | |
| Jul 15 2015 12" | 8mm Ds | | |
| Jul 15 2006 8" | 19mmW | CF,PS,R=F, DIM SMUDGE, NO STARS | |
| Jul 08 2004 8" | 25mmPL | VERY CLEAR NIGHT - LEFT AT 1:00AM | |
| NGC 6293 | H12-6 | Globular | GCL,VB,L,R,PSBM,ST16 |
| Jun 19 2020 12" | 13mmHV | F,S,R=F | |
| Jul 01 2016 12" | 7mm TV | F,S,R=F,RESOLVE OUTER STARS | |
| Jul 15 2015 12" | 8mm Ds | | |
| Jul 15 2006 8" | 19mmW | PF,PS,R=F,FAINT STARS | |
| Jun 23 2004 8" | 25mmPL | QUARTER MOON, LEFT @1:30AM. | |
| NGC 6304 | H147-1 | Globular | GCL,B,CL,R,LBM,RRR |
| Jun 19 2020 12" | 13mmHV | F,S,R=F | |
| Jul 01 2016 12" | 7mm TV | F,S,R=F,RESOLVE OUTER STARS | |
| Jul 15 2006 8" | 19mmW | CF,PS,R=F,TIGHT SMUDGE, NO STARS | |
| Jun 23 2004 8" | 25mmPL | QUARTER MOON, LEFT @1:30AM. | |
| NGC 6309 | | Planetary Neb 3b+6 | B,S,BET2*VNR |
| Jun 19 2020 12" | 8mm Et | EXCELLENT LP2 FILTER | |
| Aug 24 2019 12" | 8mm Et | F,S,OBLONG IN SHAPE. OIII. | |
| Jul 03 2005 8" | 11mmT6 | MF,MS,PATCHY,R=F | |
| NGC 6316 | H45-1 | Globular | GCL,CB,PS,R,GVMBM |
| Jun 19 2020 12" | 13mmHV | PF,PS,R=F | |

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| NGC 6316 | | H45-1 | Globular | GCL,CB,PS,R,GVMBM |
| Jul 01 2016 | 12" | 7mm TV | F,PS,R=F | |
| Jul 15 2006 | 8" | 19mmW | F,PS,R=F, LOOSE SMUDGE, NO STARS | |
| Jun 23 2004 | 8" | 25mmPL | QUARTER MOON, LEFT @1:30AM. | |
| NGC 6325 | | | Globular | PF,L,R,RR |
| Jun 19 2020 | 12" | 13mmHV | VF,PS,R=P | |
| Jul 01 2016 | 12" | 7mm TV | VF,PS,R=F | |
| May 19 2010 | 12" | 9mm | VF,VS,AV,R=F, FAINT SMUDGE, NO STARTS TO RESOLVE. | |
| Jul 31 2005 | 8" | 7.5mmW | VF,VS,R,LOWSB,AV,R=F | |
| NGC 6333 | | M9 | Globular | GCL,B,L,R,ECM,RRR, |
| Jun 19 2020 | 12" | 13mmHV | B,L,R=E | |
| Jul 08 2018 | 12" | 17mmT4 | B,L,MR=E | |
| Jul 01 2016 | 12" | 7mm TV | F,S,R=G,RESOLVED OUTER STARS | |
| Jul 15 2015 | 12" | 17mmT4 | | |
| Mar 16 2012 | 18" | 17mmAT | 2012 M.M. | |
| Jul 04 2011 | 12" | 11mmT6 | FINE OBJECT | |
| Mar 01 2011 | 12" | 17mmAT | M.M. 2011 - MANUAL SETTING CIRCLES | |
| Mar 08 2010 | 12" | 26mm | M.M. 2010 MANUAL SETTING CIRCLES | |
| Mar 20 2009 | 16" | 26mm | MESSIER MARATHON - 2009 | |
| Aug 16 2006 | 1.9" | 12x50 | PF,PS,R=F | |
| Mar 27 2006 | 8" | 19mmW | F,VL,R,R=F, | |
| Jun 14 2004 | 8" | 25mmPL | SPOTTY CLOUDS - MEGASTAR CONTROL | |
| NGC 6342 | | H149-1 | Globular | CB,PS,LE,ER |
| Jun 19 2020 | 12" | 8mm Et | GOOD | |
| Jul 01 2016 | 12" | 7mm TV | PF,PS,R=F | |
| Jul 15 2006 | 8" | 19mmW | VF,PS,R=F, DIM, UNRESOLVED. | |
| Jun 23 2004 | 8" | 25mmPL | QUARTER MOON, LEFT @1:30AM. | |
| NGC 6355 | | H46-1 | Globular | CF,L,R,GBM,RRR |
| Jun 19 2020 | 12" | 8mm Et | GOOD | |
| Jul 23 2016 | 12" | 8mm Et | PF,PS,R=F. DID NOT RESOLVE. | |
| Jul 15 2006 | 8" | 19mmW | EF,S,AV,R=F | |
| Jun 23 2004 | 8" | 25mmPL | QUARTER MOON, LEFT @1:30AM. | |
| NGC 6356 | | H48-1 | Globular | GCL,VB,CL,VGVMBM,RRR |
| Jun 19 2020 | 12" | 13mmHV | B,S,R=G | |
| Jul 23 2016 | 12" | 8mm Et | F,S,R=F. DID NOT RESOLVE | |
| Jul 21 2007 | 1.9" | 12x50 | PF,S,PATCH,R=F | |
| Jul 15 2006 | 8" | 19mmW | PB,PS,R=G, DIM STARS | |
| Jun 23 2004 | 8" | 25mmPL | QUARTER MOON, LEFT @1:30AM. | |
| NGC 6366 | | | Globular | F,L,VLBM |
| Jun 19 2020 | 12" | 8mm Et | FAIR | |
| Jul 23 2016 | 12" | 8mm Et | VF,L,R=P. DID NOT RESOLVE. | |

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|-----------------|------------|--|-----------------------------|
| NGC 6366 | | Globular | F,L,VLBM |
| Jul 21 2007 | 1.9" 12x50 | PF,PS,AV,R=F | |
| Aug 16 2006 | 1.9" 12x50 | PF,PS,R=F | |
| Jul 15 2006 | 8" 19mmW | EF,PS,AV,R=F | |
| Jul 08 2004 | 8" 25mmPL | VERY CLEAR NIGHT - LEFT AT 1:00AM | |
| NGC 6368 | | Galaxy Sb | F,S,E |
| Jul 03 2005 | 8" 11mmT6 | VF,VS,EON,NND,AV,R=F | |
| NGC 6369 | | H11-4 Planetary Neb 4+2 | RINGNEB,PB,S,R |
| Jun 19 2020 | 12" 8mm Et | PRETTY NICE, OIII FILTER | |
| Jul 07 2018 | 12" 8mm Et | PF,S,R=G. OIII FILTER | |
| Jul 09 2005 | 8" 11mmT6 | MB,MS,R,R=G | |
| NGC 6384 | | Galaxy SAB(r)bc | PB,S,VLE |
| Aug 24 2019 | 12" 8mm Et | F,PS,OVAL,MEXT,NND,R=G | |
| Jul 03 2005 | 8" 11mmT6 | VF,ML,OVAL,NND,AV,R=F | |
| NGC 6401 | | H44-1 Globular | PB,PL,R,*12F INV |
| Jun 19 2020 | 12" 13mmHV | F,L,R=G | |
| Jul 01 2019 | 12" 11mmT6 | PF,S,R=F. | |
| Jul 15 2006 | 8" 19mmW | EF,CS,R=F,VERY DIM SMUDGE | |
| Jun 19 2004 | 8" 25mmPL | GOOD NIGHT - MEGASTAR | |
| NGC 6402 | | M14 Globular | GCL,B,VL,R,ERI,VGMBM |
| Jun 19 2020 | 12" 13mmHV | B,L,R=G | |
| Jul 15 2015 | 12" 17mmT4 | | |
| Mar 16 2012 | 18" 17mmAT | 2012 M.M. | |
| Mar 01 2011 | 12" 17mmAT | M.M. 2011 - MANUAL SETTING CIRCLES | |
| Mar 08 2010 | 12" 11mmT6 | M.M. 2010 MANUAL SETTING CIRCLES | |
| Mar 20 2009 | 16" 26mm | MESSIER MARATHON - 2009 | |
| Aug 16 2006 | 1.9" 12x50 | PF,PS,RF,BRIGHTER THAN 6366 | |
| Mar 27 2006 | 8" 19mmW | F,L,R=F,TIGHT SMUDGE | |
| Jun 14 2004 | 8" 25mmPL | SPOTTY CLOUDS - MEGASTAR CONTROL | |
| NGC 6426 | | H587-2 Globular | VF,CL,E,VLBM |
| Sep 19 2014 | 12" 17mmAT | 5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14 | |
| Jul 09 2005 | 8" 11mmT6 | VF,VS,R=F | |
| NGC 6509 | | Galaxy Sd | VF,PL,IRRR,LBM |
| Jul 31 2005 | 8" 11mmT6 | VF,VS,OVAL,NND,R=F | |
| NGC 6517 | | H199-2 Globular | PB,PL,R,RR |
| Jun 24 2020 | 12" 8mm Et | PF,PS,R=F | |
| Jul 01 2019 | 12" 11mmT6 | PF,S,R=F | |
| Jul 09 2005 | 8" 11mmT6 | MF,ML,R=F | |
| Jul 03 2005 | 8" 11mmT6 | VF,VS,AV,R=F | |

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| NGC 6570 | | | Galaxy SB(rs)m: | PF,PL,R |
| Jul 31 2005 | 8" | 11mmT6 | MB,VS,EL,FNUC,MSB,R=F | |
| NGC 6572 | | | Planetary Neb 2a | PLN,VB,VS,R,LHAZY |
| Jul 07 2018 | 12" | 8mm Et | PB,PS,R=E. OIII FILTER | |
| Jul 23 2006 | 8" | 7.5mmW | CB,CS,R,R=G | |
| Jul 31 2005 | 8" | 11mmT6 | VB,VS,R,R=F | |
| NGC 6633 | | | H72-8 | Open Cluster 8.0 III 2 m |
| Jul 02 2017 | 12" | 17mmT4 | LOOSE CLUMP | CL,LC,ST L |
| Oct 08 2006 | 1.9" | 12x50 | N.F.:R=G, DENSER GROUP | |
| Jul 15 2006 | 8" | 32mmUV | VB,VL,LOOSE CLUSTER | |
| Jun 23 2004 | 8" | 25mmPL | QUARTER MOON, LEFT @1:30AM. | |
| PAL 6 | | | Globular | |
| Sep 02 2019 | 12" | 11mmT6 | VF,PS,AV4,R=P | |
| Jul 13 2007 | 8" | 7.5mmW | VF,VS,R,PATCHY,AV,R=F | |
| PGC 60346 | | | Galaxy SB(rs)c | |
| Jul 31 2011 | 12" | 5mm TV | F,CS,MR,UB,NND,AV2,R=P | |
| Jul 03 2005 | 8" | 11mmT6 | MB,MS,R,FNUC,R=G | |
| PGC 61214 | | | Galaxy Sd: | |
| Jul 31 2011 | 12" | 5mm TV | VF,CS,OVAL,MEXT,UB,NND,AV1,R=F | |
| PGC 61300 | | | Galaxy Scd: | |
| Jul 31 2011 | 12" | 5mm TV | F,CS,EON,UB,NND,R=F | |
| TR 26 | | | Open Cluster | |
| Aug 02 2019 | 12" | 7mm TV | PF,PS,LOOSE,R=F | |