

Spring-II 2025 Targets

| Object / Name | Type | Constellation | Notes | Scope | Filter | Exposure |
|--|--------------|-----------------------|--------------------------------|------------------|--------|------------------------------------|
| Starclouds: (Widfield) | | | | | | |
| Summer Triangle / Sagittarius | S. Clouds | | | Pixel 8 | | ? |
| SeeStar S30 Widefield: | | | | | | |
| T Coronae Borealis | Star | Corona Borealis | recurring nova | S30 | IR | 10 second subs for 1 minute |
| M-Objects | Galaxy | Virgo, Coma, Canes V | | S30 | IR | 30 second subs for 30 minutes |
| NGC-Objects | Galaxy | Virgo, Coma, Canes V | | S30 | IR | 30 second subs for 30 minutes |
| Mellotte111 | Open Cluster | Coma Berenices | use EQ mode & frame | S30 | IR | 20 second subs for 15 minutes |
| NGC6633 | Open Cluster | Ophiuchus | | S30 | IR | 20 second subs for 15 minutes |
| IC4665 | Open Cluster | Ophiuchus | | S30 | IR | 20 second subs for 15 minutes |
| IC4756 | Open Cluster | Serpens Cauda | | S30 | IR | 20 second subs for 15 minutes |
| M6 & M7 | Open Cluster | Scorpius | | S30 | IR | 30 second subs for 15 minutes |
| Specific Objects: | | | | | | |
| T Coronae Borealis | Star | C. Borealis | recurring nova | EVO50mm & 8" SCT | L-Pro | 15 sec subs for 5 minutes |
| V404 Cygni | Star | Cygnus | Black Hole - see Mar S&T p9 | 8" SCT | L-Pro | 30 second subs for 5 or 15 minutes |
| Arp188 UGC10214 | Galaxy | Draco | "Tadpole Galaxy" | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5139 "Omega Centauri" | Glob Cluster | Centaurus | Transits at 10:35pm 3.5 deg | EVO50mm & 8" SCT | L-Pro | 30 second subs for 5 or 15 minutes |
| NGC5128 "Hamburger Galaxy" | Galaxy | Centaurus | Centaurus A (10:35pm 8 Deg) | EVO50mm & 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC6505 | Galaxy | Draco | Einstein Ring see Jun S&T p.10 | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC6181 | Galaxy | Hercules | Observers Challenge - July | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| QSO 0957+561 | Quasar | Ursa Major | "Twin Lensed" by NGC3079 | 8" SCT | L-Pro | 3 subs for 15 minutes |
| HE 1216+5032A/B | Quasar | Canes Venatici | "Twin Quasar" by NGC4157 | 8" SCT | L-Pro | 3 subs for 15 minutes |
| H 1413+117A/B/C/D | Quasar | Bootes | "Cloverleaf" by NGC5532 | 8" SCT | L-Pro | 3 subs for 15 minutes |
| Re-Observe Objects: | | | | | | |
| NGC2903 & NGC2905 | Galaxy | Leo | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC2916 | Galaxy | Leo | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5350, 5353, 5354, 5355, 5358 | Galaxy | Canes Venatici | group | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5371 | Galaxy | Canes Venatici | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5426 & NGC5427 | Galaxy | Virgo | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5560, 5566, 5569 | Galaxy | Virgo | see Jun S&T p.65 | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC4567 & NGC4568 | Galaxy | Virgo | "Butterfly" see Jun S&T p.67 | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5846 & NGC5850 | Galaxy | Virgo | see Jun S&T p.66 | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| M91 | Galaxy | Virgo | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| M85 & NGC4394 | Galaxy | Coma Berenices | see Jun S&T p.66 | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC4136 | Galaxy | Coma Berenices | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC4147 | Galaxy | Coma Berenices | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC4185 | Galaxy | Coma Berenices | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC4189 | Galaxy | Coma Berenices | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC4559 | Galaxy | Coma Berenices | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5239 | Galaxy | Bootes | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5248 | Galaxy | Bootes | see Jun S&T p.58 | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5416 (Arp178) | Galaxy | Bootes | see Jun S&T p.59 | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5529 | Galaxy | Bootes | see Jun S&T p.60 | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5579 | Galaxy | Bootes | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5829 & IC4526 | Galaxy | Bootes | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5840 & NGC5841 | Galaxy | Bootes | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC5874 | Galaxy | Bootes | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC6038 | Galaxy | Corona Borealis | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC6106 | Galaxy | Hercules | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC6155 | Galaxy | Hercules | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| NGC6555 | Galaxy | Hercules | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| Usual Suspects: (General Objects) | | | | | | |
| M65, M66, NGC3628 | Galaxy | Leo | "Leo Triplet" | EVO50mm & 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| M81 & M82 | Galaxy | Ursa Major | "Bodes Galaxy, "Cigar Galaxy" | EVO50mm & 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| M101 | Galaxy | Ursa Major | "Pinwheel Galaxy" | EVO50mm & 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| M51 | Galaxy | Canes Venatici | "Whirlpool Galaxy" | EVO50mm & 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| M5 | Glob Cluster | Serpens Caput | see May Sky&Tel p.55 | EVO50mm & 8" SCT | L-Pro | 30 second subs for 5 or 15 minutes |
| M13 | Glob Cluster | Hercules | "Great Hercules Cluster" | EVO50mm & 8" SCT | L-Pro | 30 second subs for 5 or 15 minutes |
| Virgo Cluster Galaxies | Galaxy | Virgo, Coma Berenices | | 8" SCT | L-Pro | 3 or 5 min subs for 30 or 60 min |
| ORAS C14 Objects: | | | | | | |
| M51 | Galaxy | Canes Venatici | "Whirlpool Galaxy" | C14 | L-Pro | 5 minute subs for 60 minutes |
| M101 | Galaxy | Ursa Major | "Pinwheel Galaxy" | C14 | L-Pro | 5 minute subs for 60 minutes |
| NGC4038/4039 | Galaxy | Corvus | "The Antenna Galaxy" | C14 | L-Pro | 5 minute subs for 60 minutes |
| NGC4485 & 4490 | Galaxy | Ursa Major | "Cocoon Galaxy" | C14 | L-Pro | 5 minute subs for 60 minutes |
| NGC4527 & 4531 | Galaxy | Canes Venatici | "Whale Galaxy" | C14 | L-Pro | 5 minute subs for 60 minutes |
| NGC4656 & 4657 | Galaxy | Canes Venatici | "The Hockey Stick & Puck" | C14 | L-Pro | 5 minute subs for 60 minutes |
| NGC4676A&B | Galaxy | Coma Berenices | "The Mice" | C14 | L-Pro | 5 minute subs for 60 minutes |
| NGC5394/5395 | Galaxy | Canes Venatici | "The Heron Galaxy" | C14 | L-Pro | 5 minute subs for 60 minutes |
| Solar System Objects: | | | | | | |
| Comets | Comet | | check "TheSkyLive" | 8" SCT | L-Pro | see the TheSkyLive for charts |

