

Astronomical League

Southern Sky Telescopic Program

The Far South Group [-65 and South]
Observe and Log at least 10 of these 20 objects

- [] NGC 104 Tuc 00h 24.1 m -72° 05' 4 50 ' GC 47 Tucanae
- [] NGC 292 Tuc 00h 52.8 m -72° 50' 2.7 210x140' Galaxy The Small Magellanic Cloud (SMC)
- [] NGC 330 Tuc 00h 56.3 m -72° 28' 9.6 2 ' OC In the SMC
- [] NGC 346 Tuc 00h 59.1 m -72° 11' 10.3 14 ' OC + Neb In the SMC
- [] NGC 362 Tuc 01h 03.2 m -70° 51' 6.8 13 ' GC

- [] NGC 371 Tuc 01h 03.5 m -72° 05' 8' OC In the SMC
- [] NGC 419 Tuc 01h 08.3 m -72° 53' 10.6 2.6' GC In the SMC
- [] NGC 1313 Ret 03h 18.2 m -66° 30' 9.2 9.1x6.9 ' Galaxy
- [] NGC 1763 group Dor 04h 56.8 m -66° 24' 25.0 ' Br Neb In LMC, with NGC 1760, 61, 69, 73
- [] NGC 1850 group Dor 05h 08.7 m -68° 46' 9.3 3 ' OC In the LMC, group with NGC 1854,58,63

- [] NGC 1955 group Dor 05h 26.1 m -67° 28' 9 OC + Neb In the LMC, group with NGC 1968,74
- [] NGC 1962 group Dor 05h 26.5 m -68° 46' 8 OC + Neb In the LMC, group with NGC 1965,66,70
- [] NGC 2070 Dor 05h 38.7 m -69° 06' 8.2 40 ' OC + Neb In the LMC, The Tarantula
- [] NGC 2074 group Dor 05h 38.9 m -69° 28' OC + Neb In the LMC, group with NGC 2081
- [] NGC 3195 Cha 10h 09.4 m -80° 52' 11.5 0.6 ' PN

- [] NGC 4372 Mus 12h 25.8 m -72° 40' 7.2 5 ' GC
- [] NGC 4833 Mus 12h 59.6 m -70° 53' 8.4 13.5 ' GC
- [] NGC 5189 Mus 13h 33.5 m -65° 59' 9.5 3.1x1.2 ' PN
- [] NGC 6101 Aps 16h 25.8 m -72° 12' 9.2 5 ' GC
- [] NGC 6362 Ara 17h 31.9 m -67° 03' 8.1 14 ' GC

Southern Milky Way Band [-48° to -64°]

Observe at least 30 total from this group plus
the Far South Group.

- [] Beta Tuc Tuc 00h 31.5 m -62° 58 Double Star 4.4, 4.5 27"; 10' 5.1
- [] NGC 1261 Hor 03h 12.3 m -55° 13' 8.3 7 ' GC
- [] NGC 1549/1553 Dor 04h 15.7 m -55° 35' 10.7 4.9x4 ' Galaxy pair
- [] NGC 1566 Dor 04h 20.0 m -54 56 10.3 8.3x 6.5 galaxy
- [] NGC 2516 Car 07h 58.3 m -60° 51' 3.8 30 ' OC

- [] NGC 2547 Vel 08h 10.2 m -49° 14' 4.7 20 ' OC
- [] IC 2395 Vel 08h 42.5 m -48° 07' 4.6 8' OC
- [] NGC 2669 Vel 08h 46.3 m -52° 52' 6.1 12 ' OC
- [] NGC 2808 Car 09h 12.0 m -64° 52' 6.2 13 ' GC
- [] NGC 3114 Car 10h 02.7 m -60° 06' 4.2 35 ' OC

- [] NGC 3247 Car 10h 25.9 m -57° 56' 7.6 6 ' OC + Neb
- [] NGC 3293 Car 10h 35.8 m -58° 14' 4.7 40.0 ' OC + Neb

- [] NGC 3324 Car 10h 37.3 m -58° 38' 6.7 16.0 ' OC + Neb
- [] NGC 3372 Car 10h 43.8 m -59° 52' 120.0 ' OC + Neb Eta Carina Nebula
- [] IC 2602 Car 10h 43.9 m -64° 24' 1.6 50 ' OC Southern Pleiades

- [] Keyhole Neb Car 10h 44.3 m -59° 39' Dk Nebula Dk neb near brightest part of NGC 3372
- [] NGC 3532 Car 11h 05.6 m -58° 44' 3 55.0 ' OC
- [] NGC 3572 Car 11h 10.4 m -60° 15' 6.6 20.0 ' OC + Neb
- [] NGC 3766 Cen 11h 36.1 m -61° 37' 5.3 12.0 ' OC
- [] Cr 249 Cen 11h 38.3 m -63° 22' 4.5 75.0 ' OC + Neb Lambda Cen OC + Neb IC2944, 2948

- [] NGC 3918 Cen 11h 50.3 m -57° 11' 8.4 0.3 ' PN Blue Planetary
- [] Acrux Cru 12 h 26.6m -63° 06' Double Star 1.3, 1.7 4.2"; 4.9 90"
- [] NGC 4609 Cru 12h 42.3 m -62° 59' 6.5 5 ' OC
- [] Coalsack Cru 12h 53 m -63° 400' Dk Nebula Very large Dark Nebula in Crux
- [] NGC 4755 Cru 12h 53.6 m -60° 22' 4.2 10 ' OC The Jewel Box, Kappa Crucis Cluster

- [] NGC 4945 Cen 13h 05.4 m -49° 28' 9.3 20x3.8 ' Galaxy
- [] NGC 5286 Cen 13h 46.4 m -51° 22' 7.4 11 ' GC
- [] NGC 5281 Cen 13h 46.6 m -62° 55' 5.9 5.0 ' OC
- [] NGC 5316 Cen 13h 54.0 m -61° 52' 6 13 ' OC
- [] Alpha Centauri Cen 14h 39.7 m -60° 50 0 Double star 0.0, 1.2 mag; separation 18.1"

- [] NGC 5823 Cir 15h 05.5 m -55° 36' 7.9 10.0 ' OC
- [] NGC 5927 Lup 15h 28.0 m -50° 40' 8 5.7 ' GC
- [] NGC 5946 Nor 15h 35.5 m -50° 40' 8.4 3 ' GC
- [] NGC 6025 TrA 16h 03.3 m -60° 25' 5.1 12 ' OC
- [] NGC 6067 Nor 16h 13.2 m -54° 13' 5.6 12 ' OC

- [] NGC 6087 Nor 16h 18.9 m -57° 54' 5.4 12 ' OC
- [] NGC 6352 Ara 17h 25.5 m -48° 25' 7.8 9 ' GC
- [] NGC 6397 Ara 17h 40.7 m -53° 40' 5.3 30 ' GC
- [] NGC 6744 Pav 19h 09.8 m -63° 51' 9.1 20x12' Galaxy
- [] NGC 6752 Pav 19h 10.9 m -59° 59' 5.3 28 ' GC

The Rest of The Southern Skies List
Observe a maximum of 20 from this group

- [] NGC 0055 Scl 00h 15.1 m -39° 12' 8.4 32x6 ' Galaxy
- [] NGC 0253 Scl 00h 47.6 m -25° 17' 8 27x6 ' Galaxy The Sculptor Galaxy
- [] NGC 0288 Scl 00h 52.8 m -26° 35' 8.1 13 ' GC
- [] NGC 1097 For 02h 46.3 m -30° 16' 10.2 9.3 x 6.2' Galaxy
- [] NGC 1291 Eri 03h 17.3 m -41° 07' 9.4 9.8x8.1 ' Galaxy

- [] NGC 1316 For 03h 22.6 m -37° 12' 9.4 11x7 ' Galaxy
- [] NGC 1360 For 03h 33.3 m -25° 52' 9.6 6.4 ' PN
- [] NGC 1365 For 03h 33.6 m -36° 08' 10.3 11.3x6.2 ' Galaxy
- [] NGC 1399 cluster For 03h 38.5 m -35° 27' 9.9 3.2x3.1 ' Galaxy Fornax Gal. with NGC's 1380, 1404
- [] NGC 1851 Col 05h 14.1 m -40° 03' 701 11.0 ' GC

- [] NGC 2439 Pup 07h 40.8 m -31° 41' 6.9 10 ' OC
- [] NGC 2447 Pup 07h 44.6 m -23 52' 6.2 22' OC M 93
- [] NGC 2527 Pup 08h 04.9 m -28 09' 6.5 22' OC

[] NGC 3132 Vel 10h 07.0 m -40° 26' 8.2 1.3x0.8 ' PN Eight-burst planetary
[] NGC 3201 Vel 10h 17.6 m -46° 25' 6.9 21 ' GC

[] NGC 3242 Hya 10h 24.8 m -18° 38' 8.6 .4 PN Ghost of Jupiter
[] NGC 3621 Hya 11h 18.3 m -32 48 9.8 13.3x6.1 Galaxy
[] NGC 4361 Crv 12h 24.5 m -18 47' 10 1.7' PN
[] NGC 4594 Vir 12h 40.0 m -11° 37' 9 8.8x3.5 ' Galaxy M 104 Sombrero
[] NGC 5128 Cen 13h 25.5 m -43° 01' 7.8 25x20 ' Galaxy Centaurus A

[] NGC 5139 Cen 13h 26.8 m -47° 29' 3.9 53 ' GC Omega Centauri
[] NGC 5236 Hya 13h 37.0 m -29° 52' 8.2 12.8x11.4 ' Galaxy M 83
[] NGC 5986 Lup 15h 46.1 m -37° 47' 7.6 9 ' GC
[] NGC 6121 Sco 16h 23.6 m -26° 32' 5.4 30 ' GC M 4
[] NGC 6231 Sco 16h 54.2 m -41° 49' 2.6 14 ' OC + Neb

[] NGC 6250 Ara 16h 58.0 m -45° 56' 5.9 7 ' OC
[] NGC 6266 Oph 17h 01.2 m -30° 07' 6.4 11 ' GC M 62
[] NGC 6281 Sco 17h 04.8 m -37° 54' 5.4 8 ' OC + Neb
[] NGC 6388 Sco 17h 36.3 m -44° 44' 6.8 6 ' GC
[] NGC 6405 Sco 17h 40.3 m -32° 16' 4.2 14 ' OC M 6

[] NGC 6475 Sco 17h 53.9 m -34° 49' 3.3 80.0 ' OC M 7
[] NGC 6514 Sgr 18h 02.3 m -23° 01' 6 17x20 ' OC + Neb M 20
[] B 86 Sgr 18h 02.9 m -27° 52' 5' Dk Neb Near NGC 6520
[] NGC 6523 Sgr 18h 03.8 m -24° 23' 6 50x40 ' Br Neb M 8
[] NGC 6618 Sgr 18h 20.8 m -16° 11' 6 46.0 ' OC + Neb M 17

[] NGC 6656 Sgr 18h 36.4 m -23° 54' 5.2 33 ' GC M 22
[] NGC 6723 Sgr 18h 59.6 m -36° 38' 6.8 13 ' GC Neb NGC 6726-27,29 1/2 degree SE
[] NGC 6809 Sgr 19h 40.0 m -30° 58' 6.3 19 ' GC M 55
[] NGC 7293 Aqr 22h 29.6 m -20° 48' 7.5 16 ' PN Helix Nebula
[] NGC 7793 Scl 23h 57.8 m -32 35' 9.6 10.0x6.5 Galaxy