

April Observing List

Prepared by Bill Breeden

Double Stars (Astronomical League)

- _____ 41. Alpha Leo SAO 98967 Regulus Const. LEO Type DS RA 10 08.4 Decl. +11° 58' Mag. 1.4 7.7
- _____ 42. Gamma Leo SAO 81298 Algieba Const. LEO Type DS RA 10 20.0 Decl. +19° 51' Mag. 2.2 3.5
- _____ 43. 54 Leo SAO 81583 Const. LEO Type DS RA 10 55.6 Decl. +24° 45' Mag. 4.5 6.3
- _____ 44. N Hya SAO 179967 Const. HYD Type DS RA 11 32.3 Decl. -29° 16' Mag. 5.8. 5.9

Carbon Stars (Astronomical League)

- _____ 51. U Hya SAO 156110 RA 10 37 33 Decl. -13 23 04 Mag. 4.5 – 6.2 Per. 450 Class C6.5 (N2)
- _____ 52. VY UMa SAO 15274 RA 10 45 04 Decl. +67 24 40 Mag. 5.9 – 7.0 Per. Irr. Class C6 (N0)
- _____ 53. V Hya SAO 179278 RA 10 51 37 Decl. -21 15 00 Mag. 6.5 – 12.0 Per. 531 Class C6-C7 (N6e)

Messier Objects

- _____ M65 NGC3623 Const. LEO Type GAL RA 11 18.9 Decl. +13 05 Mag. 9.3
- _____ M66 NGC3627 Const. LEO Type GAL RA 11 20.2 Decl. +12 59 Mag. 8.2
- _____ M95 NGC3351 Const. LEO Type GAL RA 10 44.0 Decl. +11 42 Mag. 10.4
- _____ M96 NGC3368 Const. LEO Type GAL RA 10 46.8 Decl. +11 49 Mag. 9.1
- _____ M97 NGC3587 Owl Nebula Const. UMA Type PN RA 11 14.8 Decl. +55 01 Mag. 9.9
- _____ M105 NGC3379 Const. LEO Type GAL RA 10 47.8 Decl. +12 35 Mag. 9.2
- _____ M108 NGC3556 Const. UMA Type GAL RA 11 11.5 Decl. +55 40 Mag. 10.7
- _____ M109 NGC3992 Const. UMA Type GAL RA 11 57.6 Decl. +53 23 Mag. 10.8

Caldwell Objects

- _____ C40 NGC3626 Const. LEO Type SG RA 11 20 06.00 Decl. +18 21 00.0 Mag. 10.9
- _____ C53 NGC3115 Spindle Galaxy Const. SEX Type EG RA 10 05 12.00 Decl. -07 43 00.0 Mag. 9.1
- _____ C59 NGC3242 Ghost of Jupiter Const. HYA Type PN RA 10 24 48.00 Decl. -18 38 00.0 Mag. 8.6
- _____ C74 NGC3132 Const. VEL Type PN RA 10 07 42.00 Decl. -40 26 00.0 Mag. 8.2
- _____ C79 NGC3201 Const. VEL Type GC RA 10 17 36.00 Decl. -46 25 00.0 Mag. 6.7
- _____ C91 NGC3532 Const. CAR Type OC RA 11 06 24.00 Decl. -58 40 00.0 Mag. 3
- _____ C92 NGC3372 Eta Carina Neb Const. CAR Type BN RA 10 43 48.00 Decl. -59 52 00.0 Mag. 6.2
- _____ C97 NGC3766 Const. CEN Type OC RA 11 36 06.00 Decl. -61 37 00.0 Mag. 5.3
- _____ C100 IC2944 Lamda Cen Cluster Const. CEN Type OC RA 11 36 36.00 Decl. -63 02 00.0 Mag. 4.5
- _____ C102 IC2602 Theta Car Cluster Const. CAR Type OC RA 10 43 12.00 Decl. -64 24 00.0 Mag. 1.9
- _____ C109 NGC3195 Const. CHA Type PN RA 10 09 30.00 Decl. -80 52 00.0 Mag.

Royal Astronomical Society of Canada Objects

- _____ 41. NGC3079 Const. UMA Type G-Sb RA 10 02.2 Decl. +55 41 Mag. 10.6
- _____ 42. NGC3184 Const. UMA Type G-Sc RA 10 18.3 Decl. +41 25 Mag. 9.7
- _____ 43. NGC3877 Const. UMA Type G-Sb RA 11 46.1 Decl. +47 30 Mag. 10.9
- _____ 44. NGC3941 Const. UMA Type G-E3 RA 11 52.9 Decl. +36 59 Mag. 9.8
- _____ 45. NGC4026 Const. UMA Type G-S0 RA 11 59.4 Decl. +50 58 Mag. 10.7
- _____ 49. NGC3115 Const. SEX Type G-E6 RA 10 05.2 Decl. -07 43 Mag. 9.2
- _____ 50. NGC3242 Ghost of Jupiter Const. HYA Type PN RA 10 24.8 Decl. -18 38 Mag. 8.6
- _____ 52. NGC3344 Const. LMI Type G-Sc RA 10 43.5 Decl. +24 55 Mag. 9.9
- _____ 53. NGC3432 Const. LMI Type G-SBm RA 10 52.5 Decl. +36 37 Mag. 11.3
- _____ 55. NGC3384 Const. LEO Type G-E7 RA 10 48.3 Decl. +12 38 Mag. 9.9

- _____ 56. NGC3521 Const. LEO Type G-Sb RA 11 05.8 Decl. -00 02 Mag. 8.7
- _____ 57. NGC3607 Const. LEO Type G-E1 RA 11 16.9 Decl. +18 03 Mag. 10
- _____ 58. NGC3628 Const. LEO Type G-Sb RA 11 20.3 Decl. +13 36 Mag. 9.5

Hidden Treasures (Stephen O'Meara)

- _____ 52. NGC3184 Const. UMA Type GAL RA 10h18m17s Decl. +41°25'27" Mag. 9.8
- _____ 53. NGC3228 Const. VEL Type OC RA 10h21m22s Decl. -51°43'57" Mag. 6
- _____ 54. NGC3293 Const. CAR Type OC RA 10h35m54s Decl. -58°14'10" Mag. 4.7
- _____ 55. NGC3344 Const. LMI Type GAL RA 10h43m30s Decl. +24°55'00" Mag. 10
- _____ 56. NGC3521 Const. LEO Type GAL RA 11h05m48s Decl. -00°02'00" Mag. 8.9
- _____ 57. NGC3621 Const. HYA Type GAL RA 11h18m17s Decl. -32°48'50" Mag. 8.9
- _____ 58. NGC3628 Const. LEO Type GAL RA 11h20m17s Decl. +13°35'20" Mag. 9.4
- _____ A7. NGC3114 Const. CAR Type OC RA 10h02m43s Decl. -60°06'32" Mag. 4.2
- _____ A8. NGC3918 Const. CEN Type PN RA 11h50m18s Decl. -57°10'57" Mag. 8

Secret Deep (Stephen O'Meara)

- _____ 38. NGC3079 Const. UMA Type GAL RA 10h02.0m Decl. +55°41' Mag. 10.9 Size 8'x2'
- _____ 39. NGC3077 Const. UMA Type GAL RA 10h03.3m Decl. +68°44' Mag. 9.8 Size 6'x4'
- _____ 40. NGC3166 Const. SEX Type GAL RA 10h13.8m Decl. +03°26' Mag. 10.4 Size 5'x3'
- _____ 41. NGC3169 Const. SEX Type GAL RA 10h14.2m Decl. +03°28' Mag. 10.2 Size 5'x3'
- _____ 42. NGC3198 Const. UMA Type GAL RA 10h19.9m Decl. +45°33' Mag. 10.3 Size 9'x4'
- _____ 43. NGC3226 Const. LEO Type GAL RA 10h23.4m Decl. +19°54' Mag. 11.4 Size 3'x2'
- _____ 44. NGC3227 Const. LEO Type GAL RA 10h23.5m Decl. +19°52' Mag. 10.3 Size 7'x5'
- _____ 45. NGC3432 Const. LMI Type GAL RA 10h52.5m Decl. +36°37' Mag. 11.2 Size 7'x2'
- _____ 46. NGC3675 Const. UMA Type GAL RA 11h26.1m Decl. +43°35' Mag. 10.2 Size 6'x3'
- _____ 47. NGC3893 Const. UMA Type GAL RA 11h48.6m Decl. +48°43' Mag. 10.5 Size 4'x2'
- _____ 48. NGC3953 Const. UMA Type GAL RA 11h53.8m Decl. +52°20' Mag. 10.1 Size 6'x3'
- _____ A10. UGC5470 Const. LEO Type GAL RA 10h08.4m Decl. +12°18' Mag. 10.2 Size 12'x9'
- _____ A11. NGC3607 Const. LEO Type GAL RA 11h16.9m Decl. +18°03' Mag. 9.9 Size 5'x4'
- _____ A12. NGC3608 Const. LEO Type GAL RA 11h17.0m Decl. +18°09' Mag. 10.8 Size 3'x2'
- _____ A13. NGC3640 Const. LEO Type GAL RA 11h21.1m Decl. +03°14' Mag. 10.4 Size 5'x4'
- _____ A14. NGC3938 Const. UMA Type GAL RA 11h52.8m Decl. +44°07' Mag. 10.4 Size 5'x5'

Notes: This list contains deep sky objects with Right Ascension (RA) of 10 and 11 hours. These lines of RA cross the meridian (the highest point they can reach) near 10:00 pm during April. This list can also be used at 8:00 pm in May, and at midnight in March. Declination can be used to determine if an object is visible from your latitude. Observing all objects in each monthly list will allow you to observe all objects in the catalogs represented here over the course of one year.

Key: M=Messier Catalog. C=Caldwell Catalog. NGC=New General Catalogue. IC=Index Catalog. SAO=Smithsonian Astrophysical Observatory Star Catalog. Const.=Constellation. DS=Double Star. GSC=Guide Star Catalog. GC=Globular Cluster. OC=Open Cluster. GAL=Galaxy. SG=Spiral Galaxy. PN=Planetary Nebula. EN=Emission Nebula. RN=Reflection Nebula. BN=Bright Nebula. AST=Asterism. RA=Right Ascension. Decl.=Declination. Mag.=Magnitude. Size=Apparent Size.

Updated 5/19/2023.