



*The Peach Fuzzies*  
*An observing program for PSSG '07*  
*(compiled by Steve Bieger)*

We have four lists this year, Lite, Intermediate, Advanced and Favorites  
Complete one list or all, turn it in to Peter Macumber or Joanne Cirincione  
and get a Peach Fuzzie Certificate!

# PSSG 2007 - Peach Fuzzies List

| Name                | Type          | RA       | Dec       | Rise Time | Transit | Set Time | Mag | Size | Const | Notes                                                           |
|---------------------|---------------|----------|-----------|-----------|---------|----------|-----|------|-------|-----------------------------------------------------------------|
| <b>Lite list:</b>   |               |          |           |           |         |          |     |      |       |                                                                 |
| NGC246              | P Neb         | 00 47 03 | -11 52 19 | 19h 38m   | 01h 09m | 06h 40m  | 8   | 3.8  | Cet   | Cetus ring; planetary nebula in Cetus.                          |
| NGC253              | Galaxy        | 00 47 33 | -25 17 18 | 20h 19m   | 01h 10m | 06h 00m  | 7.1 | 25.1 | Scl   | Caroline Herschel's galaxy.                                     |
| 65 Psc              | Dbl           | 00 49 53 | +27 42 39 | 17h 47m   | 01h 12m | 08h 37m  | 7   |      | Psc   | Close double star. Separation = 4.5                             |
| Hind's Crimson Star | Star+Var Star | 04 59 36 | -14 48 20 | 23h 59m   | 05h 22m | 10h 44m  | 5.5 |      | Lep   | Redder when fainter. R Lep. Mag2 = 11.7                         |
| NGC2252             | Open          | 06 34 42 | +05 22 00 | 00h 40m   | 06h 57m | 13h 14m  | 8   | 20   | Mon   | Looks like a rope of stars.                                     |
| NGC2264             | Open          | 06 40 58 | +09 53 42 | 00h 34m   | 07h 03m | 13h 32m  | 3.9 | 60   | Mon   | Christmas Tree Cluster with nebulosity.                         |
| Saturn              | Planet        | 10 27    | 11 10     | 04h 13m   | 10h 45m | 17h 18m  | 1.3 |      | Leo   |                                                                 |
| 16/17 Draconis      | Dbl           | 16 36 12 | +52 55 00 | 06h 44m   | 16h 58m | 03h 13m  | 5.4 |      | Dra   | Similar to Epsilon Lyra. Sep = 3.4, Mag2 = 6.4                  |
| NGC6402 (M14)       | Globular      | 17 37 36 | -03 14 43 | 12h 06m   | 18h 00m | 23h 54m  | 7.6 | 11.7 | Oph   | Distinct globular. ! glob. cl.                                  |
| NGC6611 (M16)       | Open          | 18 18 48 | -13 48 24 | 13h 15m   | 18h 41m | 00h 06m  | 6   | 35   | Ser   | Eagle Cl, at least 100 st L & S; = M16                          |
| NGC7023             | Open          | 21 01 36 | +68 10 10 | Circum    | 21h 24m | Circum   | 7   | 18   | Cep   | Most unusual appearing nebula with dust; star at edge.          |
| LWJ2108.8+0620      | Asterism      | 21 08 48 | +06 20 00 | 15h 11m   | 21h 31m | 03h 50m  |     |      | Equ   | Equuleus S -shaped asterism found photographically.             |
| IC1396              | Open          | 21 38 58 | +57 29 21 | Circum    | 22h 01m | Circum   | 3.5 | 170  | Cep   | Open cluster with triple and double star. neb part of Milky Way |
| V0460 Cyg           | Star+Var Star | 21 42 01 | +35 30 37 | 14h 07m   | 22h 04m | 06h 01m  | 5.6 |      | Cyg   | Very red variable star. Mag2 = 7                                |
| 19 Psc, TX Psc      | Star+Var Star | 23 46 24 | +03 29 13 | 17h 56m   | 00h 08m | 06h 20m  | 4.8 |      | Psc   | Red variable star. Mag2 = 5.2                                   |

| Name                   | Type     | RA       | Dec       | Rise Time | Transit | Set Time | Mag  | Size | Const | Notes                                     |
|------------------------|----------|----------|-----------|-----------|---------|----------|------|------|-------|-------------------------------------------|
| <b>Favorites list:</b> |          |          |           |           |         |          |      |      |       |                                           |
| NGC224 (M31)           | Galaxy   | 00 42 44 | +41 16 08 | 16h 38m   | 01h 05m | 09h 31m  | 3.5  | 178  | And   | !!! eeB, eL, vmE (Andromeda); = M31       |
| NGC598 (M33)           | Galaxy   | 01 33 51 | +30 39 37 | 18h 20m   | 01h 56m | 09h 32m  | 5.7  | 62   | Tri   | Bright galaxy. ! eB, eL, R, vgbMN; = M33  |
| NGC869                 | Open     | 02 19 00 | +57 07 42 | Circum    | 02h 41m | Circum   | 4    | 30   | Per   | double cluster. Best seen with wide view. |
| NGC884                 | Open     | 02 22 18 | +57 08 12 | Circum    | 02h 44m | Circum   | 4    | 30   | Per   | double cluster. Best seen with wide view. |
| Algol (Beta Persei)    | Dbl      | 03 08 10 | +40 57 20 | 19h 05m   | 03h 30m | 11h 55m  | 2.1  |      | Per   | Famous eclipsing variable star.           |
| M45, Pleiades          | Open     | 03 46 54 | +24 07 00 | 20h 57m   | 04h 09m | 11h 21m  | 1.3  | 110  | Tau   | Open cluster and reflection nebulosity.   |
| NGC1976 (M42)          | E Neb    | 05 35 16 | -05 23 25 | 00h 09m   | 05h 57m | 11h 46m  | 4    | 66   | Ori   | !!! theta1 Ori and the great neb; = M42   |
| NGC3031 (M81)          | Galaxy   | 09 55 33 | +69 03 56 | Circum    | 10h 18m | Circum   | 6.9  | 25.7 | UMa   | ! eB, eL, E 156deg , gsvmbMBN; = M81      |
| NGC3034 (M82)          | Galaxy   | 09 55 53 | +69 40 50 | Circum    | 10h 18m | Circum   | 8.4  | 11.2 | UMa   | Rare, long irregular galaxy M82           |
| Jupiter                | Planet   | 16 58    | -22 22    | 12h 21m   | 17h 21m | 22h 20m  | -1.5 |      | Oph   |                                           |
| NGC6341 (M92)          | Globular | 17 17 07 | +43 08 11 | 09h 01m   | 17h 39m | 02h 17m  | 6.5  | 11.2 | Her   | Thick well-defined nucleus, glob. cl. M92 |
| NGC6720 (M57)          | P Neb    | 18 53 35 | +33 01 44 | 11h 30m   | 19h 16m | 03h 01m  | 9    | 2.5  | Lyr   | Ring nebula !!! M57                       |
| NGC6992                | E Neb    | 20 56 19 | +31 44 36 | 13h 38m   | 21h 18m | 04h 59m  |      | 60   | Cyg   | Veil Nebula main eastern segment.         |
| NGC6995                | E Neb    | 20 57 10 | +31 14 06 | 13h 41m   | 21h 19m | 04h 57m  |      | 12   | Cyg   | Veil Nebula southeastern segment.         |
| NGC7009                | P Neb    | 21 04 11 | -11 21 50 | 15h 54m   | 21h 26m | 02h 58m  | 8    | 1.7  | Aqr   | Saturn !!!, PN                            |
| NGC7078 (M15)          | Globular | 21 29 58 | +12 10 02 | 15h 16m   | 21h 52m | 04h 28m  | 6.4  | 12.3 | Peg   | !, glob. cl.                              |
| NGC7293                | P Neb    | 22 29 38 | -20 50 13 | 17h 47m   | 22h 52m | 03h 56m  |      | 12.8 | Aqr   | Helix !                                   |

| Name                      | Type     | RA       | Dec       | Rise Time | Transit | Set Time | Mag  | Size | Const | Notes                                                           |
|---------------------------|----------|----------|-----------|-----------|---------|----------|------|------|-------|-----------------------------------------------------------------|
| <b>Intermediate list:</b> |          |          |           |           |         |          |      |      |       |                                                                 |
| NGC628 (M74)              | Galaxy   | 01 36 42 | +15 47 01 | 19h 13m   | 01h 59m | 08h 45m  | 9.2  | 10.2 | Psc   | glob. cl. M74                                                   |
| NGC1579                   | E Neb    | 04 30 14 | +35 16 47 | 20h 57m   | 04h 52m | 12h 48m  |      | 12   | Per   | pB, vL, iR, mbM, *8 350deg, 2'                                  |
| NGC1952 (M1)              | E Neb    | 05 34 32 | +22 00 52 | 22h 51m   | 05h 57m | 13h 02m  | 8.4  | 6    | Tau   | vB, vL, E 135deg +/-, vglbM, r <sub>i</sub> = M1                |
| NGC2158                   | Open     | 06 07 25 | +24 05 48 | 23h 17m   | 06h 29m | 13h 42m  | 8.6  | 5    | Gem   | Compact open cluster near M35; looks nebulous at low power.     |
| Mars                      | Planet   | 06 21    | 23 34     | 23h 34m   | 06h 44m | 13h 54m  | -0.1 |      | Gem   |                                                                 |
| NGC2254                   | Open     | 06 35 49 | +07 40 24 | 00h 35m   | 06h 58m | 13h 21m  | 9.7  | 4    | Mon   | "Mountains in the Sky" open cluster and star chain.             |
| NGC2392                   | P Neb    | 07 29 11 | +20 54 42 | 00h 50m   | 07h 51m | 14h 53m  | 10   | 0.7  | Gem   | Eskimo/Clown-face                                               |
| NGC2403                   | Galaxy   | 07 36 51 | +65 36 07 | Circum    | 07h 59m | Circum   | 8.4  | 17.8 | Cam   | Bright and striking.                                            |
| NGC2420                   | Open     | 07 38 23 | +21 34 24 | 00h 57m   | 08h 00m | 15h 04m  | 8.3  | 10   | Gem   | Fuzzy at first, distinct cluster on later examination.          |
| NGC6229                   | Globular | 16 46 59 | +47 31 39 | 07h 58m   | 17h 09m | 02h 20m  | 9.4  | 4.5  | Her   | Fairly bright, compact globular cluster. glob. cl.              |
| NGC6826                   | P Neb    | 19 44 48 | +50 31 30 | 10h 25m   | 20h 07m | 05h 48m  | 10   | 2.3  | Cyg   | Blinking planetary.                                             |
| NGC6838 (M71)             | Globular | 19 53 46 | +18 46 42 | 13h 21m   | 20h 16m | 03h 11m  | 8.3  | 7.2  | Sge   | Distinct Cl, M71                                                |
| NGC6853 (M27)             | P Neb    | 19 59 36 | +22 43 15 | 13h 14m   | 20h 22m | 03h 29m  | 8.1  | 15.2 | Vul   | !!!, vB, vL, biN, iE (Dumbbell); = M27                          |
| NGC6934                   | Globular | 20 34 11 | +07 24 17 | 14h 34m   | 20h 56m | 03h 19m  | 8.9  | 5.9  | Del   | glob. cl.                                                       |
| Neptune                   | Planet   | 21 27    | -15 18    | 16h 28m   | 21h 49m | 03h 10m  | 7.7  |      | Cap   |                                                                 |
| NGC7331                   | Galaxy   | 22 37 04 | +34 24 57 | 15h 07m   | 22h 59m | 06h 51m  | 9.5  | 10.7 | Peg   | Indistinct but definite from city sky. Stephens quintet nearby. |
| Uranus                    | Planet   | 23 07    | -6 29     | 17h 44m   | 23h 30m | 05h 15m  | 6.1  |      | Aqr   |                                                                 |

| Name                  | Type          | RA       | Dec       | Rise Time | Transit | Set Time | Mag  | Size  | Const | Notes                                                              |
|-----------------------|---------------|----------|-----------|-----------|---------|----------|------|-------|-------|--------------------------------------------------------------------|
| <b>Advanced list:</b> |               |          |           |           |         |          |      |       |       |                                                                    |
| NGC488                | Galaxy        | 01 21 47 | +05 15 23 | 19h 27m   | 01h 44m | 08h 01m  | 10.3 | 5.2   | Psc   | Elongated. pB, L, R, symbM, *8 f 10'                               |
| NGC514                | Galaxy        | 01 24 04 | +12 55 02 | 19h 08m   | 01h 46m | 08h 24m  | 11.9 | 3.5   | Psc   | Fairly easy to see under good sky.                                 |
| NGC524                | Galaxy        | 01 24 48 | +09 32 21 | 19h 19m   | 01h 47m | 08h 15m  | 10.6 | 3.2   | Psc   | Round. vB, pL, mbM, 4 S st nr                                      |
| NGC718                | Galaxy        | 01 53 13 | +04 11 43 | 20h 01m   | 02h 15m | 08h 29m  | 11.7 | 2.8   | Psc   | Round galaxy with bright core.                                     |
| IC1795                | BrNeb         | 02 25 48 | +61 59 00 | Circum    | 02h 48m | Circum   | 99.9 | 12x12 | Cas   | Difficult to see visually. Remarkable imaging target. Near NGC 896 |
| NGC1333               | E Neb         | 03 29 20 | +31 24 56 | 20h 12m   | 03h 51m | 11h 30m  |      | 9     | Per   | Weird reflection nebula. F, L, *10 nf                              |
| NGC1360               | P Neb         | 03 33 15 | -25 52 19 | 23h 07m   | 03h 55m | 08h 44m  |      | 6.5   | For   | Beautiful planetary nebula with bright star at the center.         |
| U Cam                 | Star+Var Star | 03 41 48 | +62 38 55 | Circum    | 04h 04m | Circum   | 11   |       | Cam   | Red variable star. Nearby blue star. Mag2 = 12.8                   |
| NGC1491               | E Neb         | 04 03 14 | +51 18 57 | 18h 34m   | 04h 25m | 14h 16m  |      | 3     | Per   |                                                                    |
| NGC1600               | Galaxy        | 04 31 40 | -05 05 15 | 23h 05m   | 04h 54m | 10h 43m  | 11.1 | 2.5   | Eri   | Round galaxy, diffuse. pB, pL, R, gmbM                             |
| NGC1637               | Galaxy        | 04 41 28 | -02 51 28 | 23h 08m   | 05h 04m | 10h 59m  | 10.9 | 3.3   | Eri   | Comet-like round galaxy. cB, L, R, vgbM                            |
| NGC1931               | Open          | 05 31 25 | +34 14 42 | 22h 03m   | 05h 53m | 13h 44m  | 11.3 | 3     | Aur   | Very condensed. vB, L, R, B*** in M                                |
| NGC2419               | Globular      | 07 38 08 | +38 52 54 | 23h 47m   | 08h 00m | 16h 13m  | 10.4 | 4.1   | Lyn   | Shapley's Intergalactic Wanderer globular cluster.                 |
| NGC2655               | Galaxy        | 08 55 38 | +78 13 24 | Circum    | 09h 18m | Circum   | 10.1 | 5.1   | Cam   | Fairly distinct vB, cL, IE 90deg , gsvmbM                          |
| NGC5907               | Galaxy        | 15 15 54 | +56 19 45 | Circum    | 15h 38m | Circum   | 10.4 | 12.3  | Dra   | Very long galaxy.                                                  |
| NGC6384               | Galaxy        | 17 32 24 | +07 03 37 | 11h 33m   | 17h 54m | 00h 16m  | 10.6 | 6     | Oph   |                                                                    |
| NGC6781               | P Neb         | 19 18 28 | +06 32 20 | 13h 20m   | 19h 41m | 02h 01m  | 12   | 1.8   | Aql   | Diffuse and interesting. PN                                        |
| NGC6960               | E Neb         | 20 45 58 | +30 35 42 | 13h 32m   | 21h 08m | 04h 44m  |      | 70    | Cyg   | Veil Nebula western segment                                        |
| NGC7006               | Globular      | 21 01 29 | +16 11 15 | 14h 36m   | 21h 24m | 04h 11m  | 10.6 | 2.8   | Del   | B, pL, R, gbM                                                      |
| BC And                | Star+Var Star | 23 00 53 | +46 30 37 | 14h 20m   | 23h 23m | 08h 26m  | 10.3 |       | And   | M7 III red star. Mag2 = 11.3                                       |