

| Object            | List                    | Observed |       |
|-------------------|-------------------------|----------|-------|
|                   |                         | Date     | Time  |
| Abell 12          | Panhandle Planetaries 2 | 03/25/19 | 20:26 |
|                   | Dim Fuzzies 2           | 03/25/19 | 20:26 |
| Abell 17          | Dim Fuzzies 2           |          |       |
| Abell 70          | Panhandle Planetaries 2 | 10/19/14 | 21:45 |
| Abell 79          | Panhandle Planetaries 2 | 09/25/16 | 23:26 |
|                   | Treasures 2             | 09/25/16 | 23:26 |
| Abell 84          | Panhandle Planetaries 2 | 10/19/14 | 22:20 |
| C3 405 (Cygnus A) | Going Deep 2            |          |       |
| C39 (in M33)      | Challenge Globulars 2   | 09/28/16 | 1:23  |
|                   | Dim Fuzzies 2           | 09/28/16 | 1:23  |
| E 351-30          | Fornax Friends 1        |          |       |
|                   | Treasures 2             |          |       |
| E 356-G04         | Fornax Friends 1        |          |       |
| ESO 357-07        | Going Deep 2            |          |       |
| ESO 357-12        | Going Deep 2            |          |       |
| ESO 358-10        | Going Deep 2            |          |       |
| ESO 358-63        | Going Deep 2            |          |       |
| G73 (in M110)     | Challenge Globulars 2   | 09/26/16 | 0:31  |
| IC 1454           | Panhandle Planetaries 2 | 09/25/14 | 23:31 |
| IC 1722           | Fornax Friends 1        |          |       |
|                   | Dim Fuzzies 2           |          |       |
| IC 1728           | Fornax Friends 1        |          |       |
|                   | Treasures 2             |          |       |
| IC 1729           | Fornax Friends 1        |          |       |
| IC 1762           | Fornax Friends 1        |          |       |
| IC 1783           | Fornax Friends 1        |          |       |
| IC 1876           | Fornax Friends 1        |          |       |
| IC 1898           | Spiral Galaxies 2       |          |       |
| IC 1919           | Going Deep 2            |          |       |
| IC 1981           | Fornax Friends 1        | 01/17/15 | 21:49 |
| IC 2006           | Fornax Friends 1        | 01/21/12 | 21:42 |
|                   | Treasures 2             | 01/21/12 | 21:42 |
| IC 289            | Panhandle Planetaries 2 | 11/02/07 | 21:24 |
|                   | Treasures 2             | 11/02/07 | 21:24 |
| IC 418            | Panhandle Planetaries 1 | 02/03/05 | 19:10 |
|                   | Panhandle Planetaries 2 | 02/03/05 | 19:10 |
|                   | Treasures 2             | 02/03/05 | 19:10 |
| IC 4593           | Panhandle Planetaries 1 | 08/08/07 | 23:22 |
|                   | Smorgasboard 1          | 08/08/07 | 23:22 |
| IC 4634           | Panhandle Planetaries 1 | 06/29/08 | 23:48 |
| IC 4997           | Panhandle Planetaries 2 | 07/31/08 | 2:25  |
| Jones 1           | Panhandle Planetaries 2 | 11/03/07 | 21:33 |
|                   | Treasures 2             | 11/03/07 | 21:33 |
|                   | Going Deep 2            | 11/03/07 | 21:33 |
| M10               | Globulars Galaxies 1    | 09/19/87 | 22:01 |
| M107              | Globulars Galaxies 1    | 07/31/08 | 22:10 |
|                   | One Per Constellation 1 | 07/31/08 | 22:10 |
| M11               | Bright Beautiful 1      | 09/19/87 | 23:30 |
| M110              | Elliptical Galaxies 1   | 11/21/87 | 19:50 |

|     |                         |          |       |
|-----|-------------------------|----------|-------|
|     | Deepsky Sampler 1       | 11/21/87 | 19:50 |
| M12 | Globulars Galaxies 1    | 09/19/87 | 22:04 |
| M13 | Bright Beautiful 1      | 06/28/87 | 1:40  |
|     | Globulars Galaxies 1    | 06/28/87 | 1:40  |
| M14 | Globulars Galaxies 1    | 09/19/87 | 22:24 |
| M15 | Bright Beautiful 1      | 11/29/86 | 18:55 |
|     | Globulars Galaxies 1    | 11/29/86 | 18:55 |
|     | Deepsky Sampler 1       | 11/29/86 | 18:55 |
| M2  | Bright Beautiful 1      | 09/20/87 | 0:29  |
|     | Globulars Galaxies 1    | 09/20/87 | 0:29  |
| M20 | Bright Beautiful 1      | 09/19/87 | 22:37 |
|     | Deepsky Sampler 1       | 09/19/87 | 22:37 |
| M22 | Bright Beautiful 1      | 09/19/87 | 23:06 |
| M27 | Panhandle Planetaries 1 | 09/19/87 | 23:42 |
|     | Bright Beautiful 1      | 09/19/87 | 23:42 |
| M30 | Globulars Galaxies 1    | 11/21/87 | 19:05 |
|     | Smorgasboard 1          | 11/21/87 | 19:05 |
| M31 | Bright Beautiful 1      | 11/21/87 | 19:50 |
| M32 | Elliptical Galaxies 1   | 11/21/87 | 19:50 |
| M33 | Bright Beautiful 1      | 12/21/87 | 20:06 |
|     | Spiral Galaxies 1       | 12/21/87 | 20:06 |
| M34 | Bright Beautiful 1      | 12/21/87 | 20:43 |
| M35 | Bright Beautiful 1      | 02/13/88 | 21:22 |
|     | Deepsky Sampler 1       | 02/13/88 | 21:22 |
| M36 | Bright Beautiful 1      | 11/29/86 | 19:00 |
| M41 | Bright Beautiful 1      | 04/04/87 | 20:00 |
| M42 | Bright Beautiful 1      | 11/29/86 | 19:30 |
| M46 | Bright Beautiful 1      | 02/24/09 | 20:15 |
|     | Smorgasboard 1          | 02/24/09 | 20:15 |
| M5  | Globulars Galaxies 1    | 09/19/87 | 21:45 |
| M56 | Bright Beautiful 1      | 06/28/87 | 0:45  |
|     | Globulars Galaxies 1    | 06/28/87 | 0:45  |
|     | Deepsky Sampler 1       | 06/28/87 | 0:45  |
|     | One Per Constellation 1 | 06/28/87 | 0:45  |
| M57 | Panhandle Planetaries 1 | 09/20/06 | 0:08  |
|     | Bright Beautiful 1      | 09/20/06 | 0:08  |
| M67 | One Per Constellation 1 | 02/13/88 | 22:14 |
| M71 | Globulars Galaxies 1    | 06/28/87 | 2:15  |
|     | Deepsky Sampler 1       | 06/28/87 | 2:15  |
| M72 | Globulars Galaxies 1    | 11/21/87 | 19:20 |
| M74 | Spiral Galaxies 1       | 12/21/87 | 20:28 |
| M75 | Globulars Galaxies 1    | 09/19/87 | 23:53 |
| M76 | Panhandle Planetaries 1 | 12/21/87 | 22:57 |
| M77 | Bright Beautiful 1      | 12/21/87 | 20:55 |
|     | Globulars Galaxies 1    | 12/21/87 | 20:55 |
| M79 | Globulars Galaxies 1    | 02/13/88 | 20:05 |
| M8  | Bright Beautiful 1      | 09/19/87 | 3:02  |
| M81 | Bright Beautiful 1      | 05/12/88 | 0:21  |
|     | Deepsky Sampler 1       | 05/12/88 | 0:21  |
|     | Smorgasboard 1          | 05/12/88 | 0:21  |
| M82 | Bright Beautiful 1      | 05/12/88 | 0:23  |

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|----------------|-------------------------|----------|-------|
|                | Deepsky Sampler 1       | 05/12/88 | 0:23  |
|                | Smorgasboard 1          | 05/12/88 | 0:23  |
|                | Globulars Galaxies 1    | 05/12/88 | 0:23  |
| Mayall II (G1) | Challenge Globulars 2   | 10/17/09 | 21:30 |
|                | Dim Fuzzies 2           | 10/17/09 | 21:30 |
| MCG 3-54-2     | Going Deep 2            | 09/27/16 | 22:19 |
| Minkowski 2-51 | Panhandle Planetaries 2 | 09/25/16 | 23:18 |
|                | Treasures 2             | 09/25/16 | 23:18 |
|                | Going Deep 2            | 09/25/16 | 23:18 |
| NGC 1023       | Globulars Galaxies 1    | 01/23/12 | 20:45 |
|                | Elliptical Galaxies 1   | 01/23/12 | 20:45 |
|                | Deepsky Sampler 1       | 01/23/12 | 20:45 |
|                | One Per Constellation 1 | 01/23/12 | 20:45 |
|                | Smorgasboard 1          | 01/23/12 | 20:45 |
| NGC 1042       | Spiral Galaxies 1       | 01/06/15 | 20:34 |
| NGC 1045       | Elliptical Galaxies 2   | 09/30/06 | 4:00  |
|                | Treasures 2             | 09/30/06 | 4:00  |
| NGC 1049       | Challenge Globulars 2   | 12/28/08 | 20:41 |
|                | Dim Fuzzies 2           | 12/28/08 | 20:41 |
| NGC 1056       | Spiral Galaxies 2       | 08/19/12 | 2:28  |
| NGC 1084       | One Per Constellation 1 | 01/16/15 | 20:18 |
| NGC 1103       | Spiral Galaxies 2       | 09/28/16 | 2:13  |
| NGC 1129       | Elliptical Galaxies 2   | 01/23/12 | 19:11 |
| NGC 1165       | Spiral Galaxies 2       |          |       |
| NGC 1172       | Elliptical Galaxies 1   | 10/01/05 | 3:40  |
| NGC 1187       | Spiral Galaxies 1       | 10/23/06 | 23:43 |
| NGC 1199       | Elliptical Galaxies 1   | 01/09/10 | 20:18 |
| NGC 1200       | Elliptical Galaxies 2   | 01/05/13 | 19:56 |
| NGC 1209       | Elliptical Galaxies 1   | 10/01/05 | 3:40  |
| NGC 1226       | Elliptical Galaxies 2   | 01/16/15 | 22:43 |
| NGC 1232       | Globulars Galaxies 1    | 01/16/09 | 18:43 |
|                | Deepsky Sampler 1       | 01/16/09 | 18:43 |
| NGC 1288       | Spiral Galaxies 2       | 01/17/15 | 20:30 |
| NGC 1297       | Elliptical Galaxies 1   | 01/16/09 | 18:45 |
| NGC 1310       | Fornax Friends 1        | 01/09/10 | 18:44 |
|                | Treasures 2             | 01/09/10 | 18:44 |
|                | Going Deep 2            | 01/09/10 | 18:44 |
| NGC 1316       | Fornax Friends 1        | 01/16/09 | 19:42 |
|                | One Per Constellation 1 | 01/16/09 | 19:42 |
| NGC 1326       | Going Deep 2            | 01/21/12 | 21:34 |
| NGC 1326A      | Going Deep 2            | 01/21/12 | 21:34 |
| NGC 1326B      | Going Deep 2            | 01/21/12 | 21:34 |
| NGC 1332       | Elliptical Galaxies 1   | 09/30/06 | 3:51  |
| NGC 1336       | Elliptical Galaxies 2   | 01/09/10 | 19:57 |
|                | Going Deep 2            | 01/09/10 | 19:57 |
| NGC 1341       | Fornax Friends 1        | 01/09/10 | 19:44 |
|                | Going Deep 2            | 01/09/10 | 19:44 |
| NGC 1351       | Fornax Friends 1        | 01/21/14 | 18:49 |
| NGC 1351A      | Spiral Galaxies 2       | 01/21/14 | 18:49 |
|                | Going Deep 2            | 01/21/14 | 18:49 |
| NGC 1354       | Spiral Galaxies 2       | 12/27/13 | 20:05 |

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| NGC 1360 | Panhandle Planetaries 2 | 02/25/06 | 19:19 |
| NGC 1365 | Fornax Friends 1        | 01/15/15 | 20:31 |
| NGC 1366 | Fornax Friends 1        | 01/09/10 | 20:04 |
|          | Treasures 2             | 01/09/10 | 20:04 |
| NGC 1374 | Fornax Friends 1        | 01/16/15 | 21:30 |
|          | Treasures 2             | 01/16/15 | 21:30 |
| NGC 1379 | Fornax Friends 1        | 01/16/09 | 19:11 |
| NGC 1380 | Fornax Friends 1        | 01/16/09 | 19:11 |
| NGC 1386 | Fornax Friends 1        | 01/16/09 | 19:11 |
|          | Spiral Galaxies 1       | 01/16/09 | 19:11 |
|          | Going Deep 2            | 01/16/09 | 19:11 |
| NGC 1387 | Fornax Friends 1        | 01/16/09 | 19:11 |
| NGC 1389 | Fornax Friends 1        | 01/16/09 | 19:11 |
|          | Elliptical Galaxies 1   | 01/16/09 | 19:11 |
|          | Going Deep 2            | 01/16/09 | 19:11 |
| NGC 1395 | Elliptical Galaxies 1   | 01/21/12 | 20:46 |
|          | Smorgasboard 1          | 01/21/12 | 20:46 |
| NGC 1398 | Fornax Friends 1        | 01/16/09 | 18:55 |
|          | Spiral Galaxies 1       | 01/16/09 | 18:55 |
| NGC 1399 | Fornax Friends 1        | 01/16/09 | 19:35 |
| NGC 1406 | Fornax Friends 1        | 01/16/09 | 19:07 |
|          | Spiral Galaxies 2       | 01/16/09 | 19:07 |
| NGC 1407 | Fornax Friends 1        | 10/05/02 | 0:29  |
| NGC 1427 | Elliptical Galaxies 1   | 01/15/15 | 20:36 |
|          | Smorgasboard 1          | 01/15/15 | 20:36 |
| NGC 1437 | Fornax Friends 1        | 01/15/15 | 20:51 |
|          | Going Deep 2            | 01/15/15 | 20:51 |
| NGC 1453 | Elliptical Galaxies 1   | 12/27/13 | 20:14 |
| NGC 147  | Elliptical Galaxies 1   | 09/20/02 | 22:35 |
|          | Deepsky Sampler 1       | 09/20/02 | 22:35 |
| NGC 1482 | Going Deep 2            | 01/16/15 | 22:21 |
| NGC 1484 | Going Deep 2            | 01/21/12 | 21:47 |
| NGC 1501 | Panhandle Planetaries 2 | 11/02/07 | 21:30 |
| NGC 1514 | Panhandle Planetaries 1 | 10/10/99 | 0:40  |
|          | Deepsky Sampler 1       | 10/10/99 | 0:40  |
|          | One Per Constellation 1 | 10/10/99 | 0:40  |
| NGC 1531 | Fornax Friends 1        | 02/03/05 | 21:16 |
| NGC 1532 | Fornax Friends 1        | 02/03/05 | 21:16 |
|          | Spiral Galaxies 1       | 02/03/05 | 21:16 |
| NGC 1535 | Panhandle Planetaries 1 | 02/24/06 | 19:11 |
|          | Panhandle Planetaries 2 | 02/24/06 | 19:11 |
| NGC 1551 | Elliptical Galaxies 2   | 12/27/03 | 20:27 |
| NGC 157  | One Per Constellation 1 | 09/30/02 | 23:20 |
| NGC 1589 | Spiral Galaxies 2       | 01/20/12 | 22:07 |
| NGC 1590 | Dim Fuzzies 2           | 09/28/16 | 2:25  |
| NGC 1650 | Elliptical Galaxies 2   |          |       |
| NGC 1684 | Elliptical Galaxies 2   | 03/05/13 | 19:14 |
|          | Treasures 2             | 03/05/13 | 19:14 |
| NGC 185  | Globulars Galaxies 1    | 08/18/90 | 0:47  |
|          | Elliptical Galaxies 1   | 08/18/90 | 0:47  |
|          | Deepsky Sampler 1       | 08/18/90 | 0:47  |

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|          | One Per Constellation 1 | 08/18/90 | 0:47  |
| NGC 1964 | One Per Constellation 1 | 12/28/08 | 21:24 |
| NGC 2022 | Panhandle Planetaries 2 | 02/25/06 | 19:26 |
| NGC 2158 | One Per Constellation 1 | 01/01/06 | 21:08 |
| NGC 2192 | One Per Constellation 1 | 03/04/05 | 21:35 |
|          | Smorgasboard 1          | 03/04/05 | 21:35 |
| NGC 2207 | Spiral Galaxies 1       |          |       |
| NGC 2237 | Deepsky Sampler 1       | 01/21/14 | 20:14 |
|          | Smorgasboard 1          | 01/21/14 | 20:14 |
| NGC 2271 | Elliptical Galaxies 2   |          |       |
|          | Treasures 2             |          |       |
| NGC 2274 | Elliptical Galaxies 2   | 03/05/05 | 20:29 |
| NGC 2292 | Spiral Galaxies 1       | 01/09/10 | 22:28 |
| NGC 2298 | Globulars Galaxies 1    | 04/06/16 | 20:16 |
| NGC 2300 | Elliptical Galaxies 1   | 06/30/08 | 2:23  |
| NGC 2371 | Panhandle Planetaries 2 | 10/05/02 | 2:34  |
| NGC 2372 | Panhandle Planetaries 2 | 10/05/02 | 23:37 |
| NGC 2382 | Spiral Galaxies 2       |          |       |
| NGC 2392 | Panhandle Planetaries 1 | 03/12/88 | 20:25 |
|          | Deepsky Sampler 1       | 03/12/88 | 20:25 |
|          | Smorgasboard 1          | 03/12/88 | 20:25 |
| NGC 2403 | Bright Beautiful 1      | 04/22/09 | 0:17  |
|          | One Per Constellation 1 | 04/22/09 | 0:17  |
|          | Smorgasboard 1          | 04/22/09 | 0:17  |
| NGC 2419 | Challenge Globulars 2   | 02/27/13 | 22:40 |
| NGC 2424 | Spiral Galaxies 2       | 02/27/13 | 22:41 |
|          | Treasures 2             | 02/27/13 | 22:41 |
|          | Dim Fuzzies 2           | 02/27/13 | 22:41 |
| NGC 2438 | Panhandle Planetaries 1 | 02/25/06 | 21:53 |
|          | Deepsky Sampler 1       | 02/25/06 | 21:53 |
|          | Smorgasboard 1          | 02/25/06 | 21:53 |
| NGC 246  | Panhandle Planetaries 1 | 10/01/05 | 1:14  |
| NGC 247  | Bright Beautiful 1      | 10/27/08 | 22:00 |
|          | Spiral Galaxies 1       | 10/27/08 | 22:00 |
| NGC 253  | Bright Beautiful 1      | 10/18/09 | 0:36  |
|          | Globulars Galaxies 1    | 10/18/09 | 0:36  |
|          | Deepsky Sampler 1       | 10/18/09 | 0:36  |
| NGC 2539 | Deepsky Sampler 1       | 02/24/09 | 20:20 |
| NGC 2541 | Spiral Galaxies 2       | 01/27/13 | 22:40 |
|          | Dim Fuzzies 2           | 01/27/13 | 22:40 |
| NGC 26   | Spiral Galaxies 2       | 10/11/15 | 22:46 |
| NGC 2683 | Globulars Galaxies 1    | 04/21/09 | 21:36 |
|          | Spiral Galaxies 1       | 04/21/09 | 21:36 |
|          | Smorgasboard 1          | 04/21/09 | 21:36 |
| NGC 278  | Spiral Galaxies 1       | 01/23/12 | 20:07 |
| NGC 2841 | Globulars Galaxies 1    | 03/26/12 | 21:17 |
|          | One Per Constellation 1 | 03/26/12 | 21:17 |
|          | Smorgasboard 1          | 03/26/12 | 21:17 |
| NGC 2859 | Smorgasboard 1          | 05/03/00 | 23:15 |
| NGC 288  | Globulars Galaxies 1    | 10/27/08 | 22:11 |
|          | Deepsky Sampler 1       | 10/27/08 | 22:11 |

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| NGC 2903 | Smorgasboard 1          | 04/21/09 | 22:25 |
| NGC 2930 | Dim Fuzzies 2           | 03/12/10 | 21:03 |
| NGC 300  | Fornax Friends 1        | 10/27/08 | 22:44 |
| NGC 3118 | Dim Fuzzies 2           |          |       |
| NGC 315  | Elliptical Galaxies 1   | 10/23/06 | 20:21 |
| NGC 3294 | Spiral Galaxies 2       | 04/26/03 | 1:18  |
| NGC 40   | Panhandle Planetaries 1 | 08/18/90 | 1:34  |
|          | One Per Constellation 1 | 08/18/90 | 1:34  |
|          | Smorgasboard 1          | 08/18/90 | 1:34  |
| NGC 404  | One Per Constellation 1 | 09/30/06 | 20:54 |
| NGC 4236 | Smorgasboard 1          | 09/23/03 | 20:54 |
| NGC 4331 | Elliptical Galaxies 2   | 09/27/16 | 20:58 |
|          | Dim Fuzzies 2           | 09/27/16 | 20:58 |
| NGC 447  | Spiral Galaxies 2       | 09/26/16 | 0:09  |
|          | Dim Fuzzies 2           | 09/26/16 | 0:09  |
| NGC 450  | Spiral Galaxies 1       | 08/19/12 | 3:51  |
| NGC 470  | One Per Constellation 1 | 08/19/12 | 3:13  |
| NGC 488  | Spiral Galaxies 1       | 12/28/08 | 18:26 |
| NGC 50   | Elliptical Galaxies 2   | 09/26/16 | 1:18  |
|          | Treasures 2             | 09/26/16 | 1:18  |
| NGC 52   | Spiral Galaxies 2       | 01/18/15 | 21:16 |
| NGC 568  | Elliptical Galaxies 2   |          |       |
|          | Treasures 2             |          |       |
| NGC 5820 | One Per Constellation 1 | 06/23/09 | 1:23  |
| NGC 584  | Elliptical Galaxies 1   | 12/27/13 | 19:00 |
| NGC 59   | Elliptical Galaxies 2   | 09/28/16 | 1:35  |
| NGC 596  | Elliptical Galaxies 1   | 09/30/12 | 23:56 |
|          | Smorgasboard 1          | 09/30/12 | 23:56 |
| NGC 6048 | Elliptical Galaxies 2   | 03/19/15 | 0:05  |
| NGC 605  | Elliptical Galaxies 2   | 09/27/16 | 23:25 |
|          | Dim Fuzzies 2           | 09/27/16 | 23:25 |
| NGC 6058 | Panhandle Planetaries 2 | 09/02/05 | 22:37 |
| NGC 6166 | Elliptical Galaxies 1   | 08/20/09 | 21:55 |
| NGC 6210 | Panhandle Planetaries 1 | 06/24/13 | 22:55 |
|          | Deepsky Sampler 1       | 06/24/13 | 22:55 |
|          | Smorgasboard 1          | 06/24/13 | 22:55 |
| NGC 6229 | Challenge Globulars 2   | 08/18/01 | 23:39 |
|          | One Per Constellation 1 | 08/18/01 | 23:39 |
| NGC 6240 | Elliptical Galaxies 2   | 09/25/16 | 22:22 |
| NGC 6255 | Spiral Galaxies 2       | 11/08/15 | 18:24 |
|          | Dim Fuzzies 2           | 11/08/15 | 18:24 |
| NGC 6304 | Challenge Globulars 2   | 08/09/12 | 21:37 |
| NGC 6309 | Panhandle Planetaries 1 | 06/30/08 | 0:19  |
| NGC 6316 | Challenge Globulars 2   | 08/09/12 | 21:31 |
| NGC 6342 | Challenge Globulars 2   | 08/09/12 | 22:07 |
| NGC 6366 | Challenge Globulars 2   | 08/11/04 | 22:12 |
| NGC 6369 | Panhandle Planetaries 2 | 06/29/08 | 23:37 |
| NGC 6384 | Spiral Galaxies 1       | 09/25/16 | 22:36 |
| NGC 6426 | Challenge Globulars 2   | 08/09/02 | 22:30 |
| NGC 6445 | Panhandle Planetaries 2 | 06/29/08 | 23:37 |
|          | Dim Fuzzies 2           | 06/29/08 | 23:37 |

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| NGC 6482 | Elliptical Galaxies 1   | 09/26/16 | 21:45 |
| NGC 6503 | One Per Constellation 1 | 08/01/08 | 0:18  |
| NGC 6537 | Panhandle Planetaries 2 | 06/30/08 | 2:05  |
|          | Treasures 2             | 06/30/08 | 2:05  |
|          | Dim Fuzzies 2           | 06/30/08 | 2:05  |
| NGC 6539 | Challenge Globulars 2   | 08/12/04 | 23:43 |
| NGC 6540 | Challenge Globulars 2   | 07/03/13 | 23:52 |
| NGC 6543 | Panhandle Planetaries 1 | 06/24/13 | 23:07 |
| NGC 6553 | Challenge Globulars 2   | 08/16/01 | 23:20 |
| NGC 6572 | Panhandle Planetaries 1 | 05/06/05 | 5:08  |
| NGC 658  | Spiral Galaxies 2       |          |       |
| NGC 6712 | Globulars Galaxies 1    | 08/17/01 | 0:15  |
|          | Deepsky Sampler 1       | 08/17/01 | 0:15  |
|          | Smorgasboard 1          | 08/17/01 | 0:15  |
| NGC 672  | Spiral Galaxies 1       | 10/23/06 | 20:29 |
| NGC 6741 | Panhandle Planetaries 1 | 07/31/08 | 0:13  |
| NGC 6749 | Challenge Globulars 2   | 09/25/03 | 21:32 |
|          | Treasures 2             | 09/25/03 | 21:32 |
|          | Dim Fuzzies 2           | 09/25/03 | 21:32 |
| NGC 6751 | Panhandle Planetaries 1 | 07/30/08 | 21:42 |
| NGC 676  | Spiral Galaxies 1       | 08/19/12 | 3:10  |
| NGC 6760 | Globulars Galaxies 1    | 09/25/03 | 21:11 |
|          | One Per Constellation 1 | 09/25/03 | 21:11 |
| NGC 6764 | Spiral Galaxies 2       | 09/27/16 | 21:37 |
| NGC 6765 | Panhandle Planetaries 2 | 09/26/06 | 0:16  |
|          | Treasures 2             | 09/26/06 | 0:16  |
| NGC 6781 | Panhandle Planetaries 1 | 07/31/08 | 1:22  |
| NGC 679  | Elliptical Galaxies 2   | 08/19/12 | 1:33  |
| NGC 6790 | Panhandle Planetaries 1 | 07/31/08 | 0:31  |
| NGC 6803 | Panhandle Planetaries 1 | 07/31/08 | 1:13  |
| NGC 6818 | Panhandle Planetaries 1 | 08/23/06 | 22:38 |
|          | Deepsky Sampler 1       | 08/23/06 | 22:38 |
|          | One Per Constellation 1 | 08/23/06 | 22:38 |
|          | Smorgasboard 1          | 08/23/06 | 22:38 |
| NGC 6823 | One Per Constellation 1 | 10/10/07 | 20:40 |
| NGC 6826 | Panhandle Planetaries 1 | 06/24/13 | 23:03 |
|          | Bright Beautiful 1      | 06/24/13 | 23:03 |
|          | Deepsky Sampler 1       | 06/24/13 | 23:03 |
|          | One Per Constellation 1 | 06/24/13 | 23:03 |
|          | Smorgasboard 1          | 06/24/13 | 23:03 |
| NGC 6879 | Panhandle Planetaries 2 | 07/31/08 | 2:30  |
|          | One Per Constellation 1 | 07/31/08 | 2:30  |
| NGC 6884 | Dim Fuzzies 2           | 08/01/08 | 2:48  |
| NGC 6886 | Panhandle Planetaries 1 | 07/31/08 | 1:56  |
| NGC 6891 | Panhandle Planetaries 1 | 07/31/08 | 2:39  |
|          | One Per Constellation 1 | 07/31/08 | 2:39  |
| NGC 6903 | Elliptical Galaxies 1   | 09/16/14 | 20:20 |
| NGC 6905 | Panhandle Planetaries 2 | 07/31/08 | 2:09  |
|          | Going Deep 2            | 07/31/08 | 2:09  |
|          | Dim Fuzzies 2           | 07/31/08 | 2:09  |
| NGC 6907 | Spiral Galaxies 1       | 10/03/02 | 20:59 |

|          |                         |          |       |
|----------|-------------------------|----------|-------|
|          | Spiral Galaxies 2       | 10/03/02 | 20:59 |
|          | One Per Constellation 1 | 10/03/02 | 20:59 |
| NGC 6934 | Challenge Globulars 2   | 10/05/99 | 23:45 |
| NGC 6946 | Spiral Galaxies 1       | 08/14/88 | 1:40  |
| NGC 6951 | Spiral Galaxies 1       | 09/25/14 | 0:36  |
| NGC 6960 | Bright Beautiful 1      | 07/03/13 | 22:56 |
|          | Deepsky Sampler 1       | 07/03/13 | 22:56 |
|          | Smorgasboard 1          | 07/03/13 | 22:56 |
| NGC 697  | Spiral Galaxies 2       | 08/19/12 | 2:35  |
| NGC 7006 | Challenge Globulars 2   | 07/22/01 | 3:53  |
|          | Deepsky Sampler 1       | 07/22/01 | 3:53  |
| NGC 7008 | Panhandle Planetaries 1 | 08/01/08 | 4:03  |
| NGC 7009 | Panhandle Planetaries 1 | 07/04/13 | 0:42  |
|          | Bright Beautiful 1      | 07/04/13 | 0:42  |
|          | Deepsky Sampler 1       | 07/04/13 | 0:42  |
|          | One Per Constellation 1 | 07/04/13 | 0:42  |
| NGC 7026 | Panhandle Planetaries 2 | 08/01/08 | 3:37  |
|          | Dim Fuzzies 2           | 08/01/08 | 3:21  |
| NGC 7027 | Panhandle Planetaries 2 | 08/01/08 | 3:21  |
|          | Dim Fuzzies 2           | 08/01/08 | 3:21  |
| NGC 7048 | Panhandle Planetaries 1 | 08/01/08 | 3:49  |
| NGC 7052 | Elliptical Galaxies 2   | 11/30/13 | 18:24 |
|          | Treasures 2             | 11/30/13 | 18:24 |
| NGC 7076 | Panhandle Planetaries 2 | 11/30/13 | 18:45 |
| NGC 708  | Elliptical Galaxies 2   | 08/10/10 | 1:09  |
| NGC 7094 | Panhandle Planetaries 2 | 11/17/14 | 18:09 |
| NGC 7116 | Dim Fuzzies 2           | 09/27/16 | 21:29 |
| NGC 7135 | Elliptical Galaxies 1   | 09/27/11 | 22:40 |
| NGC 7139 | Panhandle Planetaries 2 | 09/29/06 | 22:49 |
|          | Treasures 2             | 09/29/06 | 22:49 |
| NGC 7171 | Spiral Galaxies 2       | 08/23/06 | 23:56 |
|          | Treasures 2             | 08/23/06 | 23:56 |
| NGC 7177 | Spiral Galaxies 1       | 09/19/06 | 21:33 |
|          | One Per Constellation 1 | 09/19/06 | 21:33 |
| NGC 7184 | Spiral Galaxies 1       | 10/17/09 | 21:30 |
| NGC 7185 | Elliptical Galaxies 2   | 10/17/09 | 21:30 |
| NGC 720  | Elliptical Galaxies 1   | 10/01/02 | 0:02  |
|          | Deepsky Sampler 1       | 10/01/02 | 0:02  |
| NGC 7214 | Spiral Galaxies 2       | 10/17/09 | 20:47 |
| NGC 7217 | Spiral Galaxies 1       | 10/09/99 | 23:25 |
|          | Smorgasboard 1          | 10/09/99 | 23:25 |
| NGC 7242 | Elliptical Galaxies 2   | 09/25/14 | 22:42 |
| NGC 7265 | Elliptical Galaxies 2   | 09/25/14 | 22:45 |
| NGC 7288 | Spiral Galaxies 2       | 09/27/16 | 22:02 |
| NGC 7292 | Elliptical Galaxies 2   | 09/27/16 | 22:09 |
|          | Treasures 2             | 09/27/16 | 22:09 |
| NGC 7293 | Panhandle Planetaries 1 | 07/04/13 | 1:07  |
|          | Deepsky Sampler 1       | 07/04/13 | 1:07  |
| NGC 7302 | Elliptical Galaxies 2   | 08/19/12 | 0:00  |
| NGC 7314 | Spiral Galaxies 1       | 01/04/13 | 19:23 |
| NGC 7317 | Going Deep 2            | 11/02/07 | 22:37 |



|           |                         |          |       |
|-----------|-------------------------|----------|-------|
| NGC 7318A | Going Deep 2            | 01/04/13 | 19:23 |
| NGC 7318B | Going Deep 2            | 01/04/13 | 19:23 |
| NGC 7319  | Going Deep 2            | 11/02/07 | 22:37 |
| NGC 7320  | Going Deep 2            | 11/02/07 | 22:37 |
| NGC 7331  | Globulars Galaxies 1    | 09/28/11 | 2:53  |
|           | Deepsky Sampler 1       | 09/28/11 | 2:53  |
| NGC 7354  | Panhandle Planetaries 2 | 11/02/07 | 21:52 |
| NGC 741   | Elliptical Galaxies 1   | 09/20/06 | 1:40  |
| NGC 7457  | Elliptical Galaxies 1   | 09/19/06 | 22:01 |
| NGC 7479  | Spiral Galaxies 1       | 01/22/12 | 20:20 |
| NGC 7492  | Challenge Globulars 2   | 12/03/04 | 19:07 |
| NGC 7556  | Elliptical Galaxies 2   | 10/11/15 | 21:47 |
| NGC 7606  | Spiral Galaxies 1       | 08/01/08 | 0:00  |
| NGC 7626  | Elliptical Galaxies 1   | 10/11/15 | 22:53 |
| NGC 7662  | Panhandle Planetaries 1 | 11/02/07 | 23:42 |
|           | Bright Beautiful 1      | 11/02/07 | 23:42 |
|           | Smorgasboard 1          | 11/02/07 | 23:42 |
| NGC 7664  | Spiral Galaxies 2       | 09/27/16 | 22:28 |
| NGC 772   | Globulars Galaxies 1    | 08/10/02 | 3:33  |
| NGC 7722  | Spiral Galaxies 2       | 09/27/16 | 22:33 |
| NGC 7741  | Spiral Galaxies 1       | 08/19/12 | 1:10  |
| NGC 7789  | Bright Beautiful 1      | 08/01/08 | 1:11  |
|           | Deepsky Sampler 1       | 08/01/08 | 1:11  |
|           | Smorgasboard 1          | 08/01/08 | 1:11  |
| NGC 7814  | Spiral Galaxies 1       | 08/11/02 | 0:56  |
|           | Smorgasboard 1          | 08/11/02 | 0:56  |
| NGC 80    | Elliptical Galaxies 1   | 09/25/11 | 0:04  |
|           | Smorgasboard 1          | 09/25/11 | 0:04  |
| NGC 812   | Spiral Galaxies 1       | 09/26/16 | 0:55  |
| NGC 821   | Elliptical Galaxies 1   | 09/30/06 | 1:34  |
|           | One Per Constellation 1 | 09/30/06 | 1:34  |
| NGC 869   | Bright Beautiful 1      | 08/01/08 | 1:29  |
|           | Smorgasboard 1          | 08/01/08 | 1:29  |
| NGC 884   | Bright Beautiful 1      | 08/01/08 | 1:29  |
|           | Smorgasboard 1          | 08/01/08 | 1:29  |
| NGC 885   | Elliptical Galaxies 2   | 09/28/16 | 1:41  |
| NGC 890   | Elliptical Galaxies 1   | 09/30/06 | 2:44  |
| NGC 891   | Bright Beautiful 1      | 10/17/09 | 22:09 |
|           | Globulars Galaxies 1    | 10/17/09 | 22:09 |
|           | Spiral Galaxies 1       | 10/17/09 | 22:09 |
|           | Deepsky Sampler 1       | 10/17/09 | 22:09 |
| NGC 917   | Spiral Galaxies 2       | 09/26/16 | 1:05  |
| NGC 936   | Globulars Galaxies 1    | 10/01/02 | 0:08  |
| NGC 95    | Spiral Galaxies 2       | 08/19/12 | 2:58  |
|           | Treasures 2             | 08/19/12 | 2:58  |
|           | Dim Fuzzies 2           | 08/19/12 | 2:58  |
| NGC 964   | Fornax Friends 1        | 09/27/16 | 23:40 |
|           | Dim Fuzzies 2           | 09/27/16 | 23:40 |
| NGC 968   | Elliptical Galaxies 2   | 09/26/16 | 1:01  |
| PAL 10    | Challenge Globulars 2   | 09/24/14 | 20:47 |
| PAL 11    | Challenge Globulars 2   | 10/19/14 | 21:49 |

|           |                         |          |       |
|-----------|-------------------------|----------|-------|
| PAL 12    | Challenge Globulars 2   | 09/16/14 | 21:23 |
| PAL 13    | Challenge Globulars 2   | 09/25/16 | 21:27 |
| PAL 14    | Challenge Globulars 2   | 09/25/04 | 21:05 |
| PAL 15    | Challenge Globulars 2   | 09/25/16 | 22:30 |
|           | Treasures 2             | 09/25/16 | 22:30 |
| PAL 3     | Challenge Globulars 2   |          |       |
|           | Treasures 2             |          |       |
| PAL 4     | Challenge Globulars 2   |          |       |
|           | Treasures 2             |          |       |
|           | Going Deep 2            |          |       |
| PAL 5     | Challenge Globulars 2   | 09/26/16 | 21:19 |
| PAL 6     | Challenge Globulars 2   | 09/25/16 | 21:22 |
|           | Going Deep 2            | 09/25/16 | 21:22 |
|           | Dim Fuzzies 2           | 09/25/16 | 21:22 |
| PAL 8     | Challenge Globulars 2   | 08/17/14 | 21:45 |
| Pease 1   | Panhandle Planetaries 2 | 11/29/86 | 18:55 |
| PGC 3589  | Dim Fuzzies 2           |          |       |
| Q2237+030 | Going Deep 2            |          |       |
| Terzan 5  | Challenge Globulars 2   | 09/25/16 | 21:17 |
|           | Treasures 2             | 09/25/16 | 21:17 |
|           | Dim Fuzzies 2           | 09/25/16 | 21:17 |
| UGC 12221 | Spiral Galaxies 2       | 09/25/16 | 20:54 |
|           | Treasures 2             | 09/25/16 | 20:54 |
| UGC 12281 | Spiral Galaxies 2       | 09/27/16 | 22:47 |
| UGC 2034  | Elliptical Galaxies 2   | 09/27/16 | 23:32 |
|           | Dim Fuzzies 2           | 09/27/16 | 23:32 |
| UGC 9749  | Elliptical Galaxies 1   | 05/15/12 | 0:12  |
| UGC 9799  | Elliptical Galaxies 2   | 08/09/10 | 21:59 |
|           | Dim Fuzzies 2           | 08/09/10 | 21:59 |

Sculptor Dwarf  
Einstein's Cross

317 Unique Items  
Observed All Lists 450 483

### Statistics per List

| <b>List</b>                       | <b>Observed</b> | <b>of Total</b> |
|-----------------------------------|-----------------|-----------------|
| Panhandle Planetaries 1           | 30              | 30              |
| Panhandle Planetaries 2           | 29              | 29              |
| Bright and Beautiful 1            | 32              | 32              |
| Fornax and Friends 1              | 23              | 31              |
| Globulars and Galaxies 1          | 30              | 30              |
| Challenge Globulars 2             | 28              | 30              |
| Elliptical Galaxies Galore 1      | 30              | 30              |
| Elliptical & Irregular Galaxies 2 | 27              | 30              |
| Spiral Galaxies 1                 | 29              | 30              |
| Spiral Galaxies 2                 | 26              | 30              |
| Deepsky Sampler 1                 | 31              | 31              |
| Treasures 2                       | 23              | 30              |
| One Per Constellation 1           | 30              | 30              |
| Going Deep 2                      | 22              | 30              |
| Smorgasboard 1                    | 32              | 32              |
| Dim Fuzzies 2                     | 24              | 28              |