

# INDEX TO NIGHTWATCH

By Larry McNish

CONSTELLATION	CHART	MESSIER	MESSIER
Andromeda	12 <b>13</b> 19	M1 <b>15</b>	Nebula - Crab (1054 Supernova) M58 5 Galaxy - irreg, round near M59, M60
z Aquarius	<b>11 12</b>	M2 11 12	Globular Cluster M59 5 Galaxy - Elliptical near M60
Aquila	<b>9</b> 11	M3 <b>4</b>	Globular Cluster M60 5 Galaxy - Elliptical near M59 + NGC 4647
z Aries	<b>13</b>	M4 <b>7 8</b>	Globular Cluster M61 5 Galaxy - Spiral - face-on two arms
Auriga	<b>15</b> 19	M5 <b>7</b>	Globular Cluster (like M13) M62 7 8 Globular Cluster
Bootes	1 <b>4</b> 5	M6 <b>8</b>	Open Cluster 80 stars Butterfly M63 <b>2</b> 4 Galaxy - Spiral Sunflower
Camelopardalis	20	M7 <b>8</b>	Open Cluster 80 stars binocs M64 <b>4</b> Galaxy - Spiral Black Eye (nr NGC 4565)
z Cancer	3 <b>18</b>	M8 <b>8</b>	Nebula - Lagoon (bright) +NGC 6530 M65 <b>3</b> Galaxy - Spiral near M66 and NGC 3628
Canes Venatici	1 <b>2</b> 4	M9 7 8	Globular Cluster M66 <b>3</b> Galaxy - Spiral near M65 and NGC 3628
Canis Major	16 <b>17</b>	M10 7	Globular Cluster M67 <b>18</b> Open Cluster 150 stars
Canis Minor	<b>18</b>	M11 <b>9</b>	Open Cluster 600 stars! Wild Duck M68 <b>5</b> Globular Cluster
z Capricornus	<b>11</b>	M12 7	Globular Cluster M69 <b>8</b> Globular Cluster small, poor
Cassiopeia	<b>19</b> 20	M13 <b>6</b>	Globular Cluster 300,000 stars M70 <b>8</b> Globular Cluster
(Centaurus)	5	M14 9	Globular Cluster M71 <b>9</b> 10 Globular Cluster (nr Col 399 Coathanger)
Cepheus	<b>20</b>	M15 <b>12</b>	Globular Cluster (good), planetary M72 11 Globular Cluster (nr NGC 7009 Saturn Nb)
Cetus	<b>14</b>	M16 <b>8</b>	Cluster & Nebula - Eagle M73 11 Open Cluster - 4 star asterism
Coma Berenices	2 <b>4</b> 5	M17 <b>8</b>	Cluster & Nebula - Swan/Omega M74 <b>13</b> Galaxy - Spiral (face on) faint, difficult
Corona Borealis	<b>4</b> 6	M18 <b>8</b>	Open Cluster 12 stars poor M75 11 Globular Cluster small. distant
Corvus (/Crater)	<b>5</b>	M19 7 8	Globular Cluster M76 19 Nebula - Little Dumbbell (faintest Messier)
Cygnus	<b>10</b> 12 20	M20 <b>8</b>	Nebula - Trifid M77 <b>14</b> Galaxy - Spiral Seyfert (face on, starlike nuc)
Delphinus	<b>9</b>	M21 <b>8</b>	Open Cluster 40 stars M78 <b>16</b> Nebula (featureless reflection neb)
Draco	<b>6 20 1</b>	M22 <b>8</b>	Globular Cluster 70,000 stars M79 <b>16</b> Globular Cluster
Equuleus	<b>12</b>	M23 <b>8</b>	Open Cluster 120 stars M80 <b>7 8</b> Globular Cluster
Eridanus	14 <b>16</b>	M24 <b>8</b>	Open Cluster/Milky Way patch M81 <b>1</b> Galaxy - Spiral near M82
z Gemini	<b>18</b>	M25 <b>8</b>	Open Cluster 86 stars M82 <b>1</b> Galaxy - irreg spindle near M81
Hercules	<b>6</b> 9	M26 <b>9</b>	Open Cluster 90 stars M83 <b>5</b> Galaxy - Spiral (far south)
Hydra	3 5 7 17	M27 <b>9</b> 10	Nebula - Dumbbell M84 5 Galaxy - Elliptical near M86
Lacerta	20	M28 <b>8</b>	Globular Cluster near M22 M85 4 Galaxy - Elliptical/Lenticular
z Leo	<b>3</b> 5	M29 <b>10</b>	Open Cluster 6 stars poor M86 5 Galaxy - Elliptical (in gal cluster)
Leo Minor	2 3	M30 <b>11</b>	Globular Cluster (nr Helix Neb) tough M87 5 Galaxy - Elliptical (jet & black hole)
Lepus	<b>16</b>	M31 <b>13</b> 19	Galaxy - Spiral Andromeda M88 4 5 Galaxy - Spiral
z Libra	<b>7</b>	M32 <b>13</b> 19	Galaxy - Elip (near M31) M89 5 Galaxy - Elliptical near M90
Lynx	3	M33 <b>13</b> 19	Galaxy - Spiral open (need dark sky) M90 5 Galaxy - Spiral near M89
Lyra	<b>10</b>	M34 <b>19</b>	Open Cluster 12 stars M91 4 5 Galaxy - Barred Spiral
(Microscopium)	11	M35 <b>18</b>	Open Cluster 120 stars (nr NGC 2158) M92 <b>6</b> Globular Cluster 9o NE of M13
Monoceros	16 17	M36 <b>15</b>	Open Cluster 60 stars M93 <b>17</b> Open Cluster 60 stars
Ophiuchus	<b>6 7</b> 8 9	M37 <b>15</b>	Open Cluster 150 stars M94 <b>2</b> 4 Galaxy - Spiral
Orion	15 <b>16</b> 18	M38 <b>15</b>	Open Cluster 100 stars (nr NGC 1907) M95 <b>3</b> Galaxy - Barred Spiral near M96, M105
Pegasus	11 <b>12</b> 13	M39 10	Open Cluster 25 stars very sparse M96 <b>3</b> Galaxy - Spiral near M95, M105
Perseus	13 15 <b>19</b>	M40 1	Double Star in Ursa Major 50" M97 <b>2</b> Nebula - Owl planetary near M108
z Pisces	<b>12 14</b> 13 12	M41 <b>17</b>	Open Cluster 100 stars ? M98 4 Galaxy - Spiral cigar shape near M99
(Piscis Austrinus)	11	M42 <b>16</b>	Nebula - Orion M99 4 Galaxy - Spiral face on near M98
Puppis	<b>17</b>	M43 <b>16</b>	Nebula - part of M42 Orion M100 4 Galaxy - Spiral face on starlike nucleus
Pyxis	<b>17</b>	M44 3 <b>18</b>	Open Cluster - Beehive/Praesepe M101 <b>1</b> 2 Galaxy - Spiral - Pinwheel
Sagitta	<b>9</b> 10	M45 <b>15</b> 19	Open Cluster - Pleiades M102 <b>1</b> 2 Galaxy - Elip or M102=M101 ?
z Sagittarius	<b>8</b> 11	M46 <b>17</b>	Open Cluster 200 stars, planetary M103 <b>19</b> Open Cluster 40 stars (3 NGCs nearby)
z Scorpius	<b>7 8</b>	M47 <b>17</b>	Open Cluster 50 stars near M46 M104 <b>5</b> Galaxy - Spiral Sombrero edge-on
(Sculptor)	14	M48 <b>17</b>	Open Cluster 300 stars M105 3 Galaxy - Elliptical near M95, M96
Scutum	8 <b>9</b>	M49 5	Galaxy - Elliptical M106 <b>2</b> Galaxy - Spiral
Serpens	4 <b>6</b> 7 8 9	M50 <b>17</b>	Open Cluster 50 stars M107 7 Globular Cluster dim
Sextans	3	M51 1 <b>2</b> 4	Galaxy - Spiral Whirlpool M108 <b>2</b> Galaxy - Spiral edge on near M97
z Taurus	<b>15</b> 16	M52 19 <b>20</b>	Open Cluster 200 stars (nr Bubble Neb) M109 1 <b>2</b> Galaxy - Barred Spiral
Triangulum	<b>13</b> 19	M53 <b>4</b>	Globular Cluster M110 <b>13</b> 19 =NGC 205 in Andromeda
Ursa Major	<b>1</b> <b>2</b> 3 4	M54 <b>8</b>	Globular Cluster
Ursa Minor	<b>1</b> 20	M55 8	Globular Cluster
z Virgo	7 <b>5</b>	M56 10	Globular Cluster in rich starfield
Vulpecula	9 <b>10</b>	M57 <b>10</b>	Nebula - Ring

## OTHER NOTABLE ITEMS

Hyades **15**  
Double Cluster in Perseus **19**

This Index serves as a supplement to the 20 numbered full-page charts in Terrance Dickinson's **NIGHTWATCH** - either the original edition published in 1983 by Camden House (which did not have an Index), or the latest version published by Firefly Books (which does but which is arranged alphabetically over several pages).

Keep this reference page nearby when observing - it will help you locate which chart best shows which Constellation or where the Messier Objects can be found and what you should see when you look at them through binoculars or a telescope.

**Legend:**

z = **ZODIAC**, order: Pisces Aquarius Capricornus Sagittarius Scorpius Libra Virgo Leo Cancer Gemini Taurus Aries

**CHART** - the chart number that is bolded and underlined shows the object's location best

**MESSIER** = Messier Object number, type, common name and other reference information.

The index is sized to fit a page with ¼ inch left and right margins and top/bottom margins set to fit the index on one page.