

Flinthill Deep Sky Guides

Deep Sky Binocular Observations

CON	TYPE	OBJ ID	RA	DEC	MAG	SIZE		AKA
And	OC	0752	01 57.8	37 41	5.7	50.0	Large open cluster with maybe 50 magnitude 7~7 stars and many more 8~10 magnitude stars. Somewhat irregular, but still bounded. So many faint stars it looks almost nebulous.	
Aql	OC	6709	18 51.5	10 21	6.7	13.0	Open cluster of magnitude 8 to 10 stars with a close pair in east and a wide pair in west, all of which form an almost straight line running through the center of the	
Aur	C+N	1893	05 22.7	33 24	7.5	11.0	A line of 3 stars running NE/SW with one star each side of NE end making the shape of a delta wing airplane.	
Aur	OC	1907	05 28.0	35 19	8.2	7.0	Open cluster of magnitude 10 stars in small group located just South of M38 and has a mostly nebulous appearance.	
Aur	OC	2281	06 49.3	41 04	5.4	15.0	Open cluster of faint magnitude 10 stars in large almost circular shape opening to the north.	
Cam	OC+N	Stock 23	03 16.3	60 02	6.2	15.0	A S. leaning keystone shaped open cluster composed of magnitude 6 to 8 stars.	Pazimo's cluster
Cam	OC	Kemmel 1	03 58.0	63 06	4.0	180.0	A SE pointing line of 14 or more magnitude 9 stars with a center piece star of magnitude 6.	
Cam	Gx	2403	07 36.9	65 36	8.9	17.8	A galaxy with a magnitude 12 star at each side (E&W). A fairly bright galaxy. This is a most unique configuration.	
Cas	OC	0129	00 29.9	60 14	6.5	21.0	Open cluster in shape of loose triangle bounded by one magnitude 8 star at each corner. Triangle just to the north of a brighter magnitude 6 star.	
Cas	OC	0457	01 19.1	58 20	6.4	13.0	Elongated cluster of many faint stars with two NE/SW aligned brighter stars at south. The many faint stars in this cluster make it appear nebulous.	OWL CLUSTER
Cas	OC	0663	01 46.0	61 15	7.1	16.0	Nice open cluster with 2 pair of magnitude 7 stars stacked on left and 2 scattered ** on right. Also many magnitude 9-10-11 * that are not resolvable.	
Cas	OC	Cr 463	01 48.4	71 57	6.7	36.0	Large arc shaped open cluster of magnitude 8 to 10 stars. Many ** inside arc.	
Cas	OC	Stock 02	02 15.0	59 16	4.4	60.0	Large open cluster with mostly magnitude 7-7 stars but some fainter. Shaped like a house, or geometric shape, with slender chimney on north side of roof.	
Cas	OC	Mrk 6	02 29.6	60 39	7.1	4.5	Small straight line of 5 stars curving slightly left at one end, aligned E to W.	
Cas	C+N	Mel 15	02 32.7	61 27	6.6	21.0	Open cluster in a horizontal pattern with 3 stars aligned almost E to W.	Arrowhead Clstr
Cas	OC	7789	23 57.0	56 44	6.7	16.0	Open cluster of small 10~11 stars plus nebulosity throughout entire cluster but ending at outer perimeter. Quite attractive.	
Cep	OC	7160	21 53.7	62 36	6.1	7.0	Arrowhead shaped asterism with two bright stars aligned N/S.	
Cep	OC	7235	22 12.6	57 17	7.7	4.0	Small open cluster with estimated 2 stars and no surrounding stars. Very difficult to determine.	
CMa	OC	2360	07 17.8	-15 37	7.2	13.0	Small and circular open cluster of magnitude 10 stars, so many the cluster appears somewhat nebulous.	
Com	OC	Mel 111	24 24.3	26 06	5.2	2.0	The Coma Star Cluster. Large open of magnitude 5 and 6 stars. Central area in shape of lower part of a Xmas tree which points NW.	Coma star cluster
Cyg	OC	6819	19 41.3	40 11	7.3	5.0	Faint and compact open cluster of approximately 10th magnitude stars located just north of "V" shape and approximately 2 deg. NW of 3 stars forming an E to W compact line.	Foxhead cluster

Flinthill Deep Sky Guides

Deep Sky Binocular Observations

Cyg	OC	6910	20 23.1	40 47	7.4	8.0	Open cluster of two 8th and one 9th magnitude stars in triangle shape that points to the SE.	String of Pearls
Cyg	OC	7063	21 24.4	36 30	7.0	8.0	Individual 7~8 magnitude stars are resolvable but it looks like there is either some nebulosity in the cluster or many much fainter stars. Difficulty to find.	Cr 435
Del	GC	6934	20 34.2	07 24	8.9	5.9	Very faint and small globular located in almost open space. Seems to have very faint line of stars nearby running horizontally E to W.	
Lac	OC	7209	22 05.2	46 30	6.7	25.0	Open cluster of faint stars forming a fat legged "V" shape opening south. The star at the point of the "V" is the top (north) star of the pentagram.	
Lac	OC	7243	22 15.3	49 53	6.4	21.0	Two "V" shapes, both pointing SE and the larger, brighter "V" follows the smaller, fainter "V".	
Mon	OC	2232	06 26.6	-04 45	3.9	30.0	Large open with western portion in shape of sprawling, elongated "M". Beneath the "M" is an arrowhead made mostly of magnitude 9 and brighter stars pointing NE at the left part of the "M" shape.	
Mon	OC	2244	06 32.4	04 52	4.8	40.0	Open cluster of magnitude 7 yellowish looking stars in shape of trapezoid with long dimension running N to S. Nebula filter shows a slight bit of nebulosity.	
Mon	OC	2251	06 34.7	08 22	7.3	10.0	Small faint open. If one looks long enough the cluster takes on an ice cream cone appearance with the cone point east facing. Very difficult. Only 2 resolvable magnitude 10 stars.	
Mon	OC	2264	06 41.0	09 53	4.7	20.0	Large open cluster of magnitude 8 stars loosely forming a bowl shape opening to south.	Christmas tree cluster
Mon	OC	2301	06 51.8	00 28	6.0	12.0	Small open cluster of magnitude 8 and 9 stars shaped in a line rgenerally aligned N. to S. North end has a small bump to the West.	Triangular ** mist
Mon	OC	2343	07 08.3	-10 39	6.7	7.0	Small west pointing triangle of magnitude 9 and 10 stars.	
Oph	OC	IC 4665	17 46.2	05 42	6.0	55.0	Very large open cluster with stars magnitude 6 or brighter. Has several very faint "background" stars. Located about 1 deg. From beta Ophiuchus.	
Oph	OC	6633	18 27.7	06 34	4.6	27.0	"S" shaped open cluster with most stars located at lower end of elongated shape. Lower part of the "S" shape has a triangle star cluster pointing NNW.	
Ori	OC	1662	04 48.5	10 56	6.4	20.0	Open cluster in shape of a rather open "C", or semi-circle opening to SW, with an underline bar of stars.	
Ori	OC	1981	05 35.2	-04 26	4.6	25.0	Open cluster just north of Orion. Loose and open squarish "S" shape of magnitude 8 stars.	
Ori	C+N	2169	06 08.4	13 57	5.9	7.0	Small open cluster of two lines of 2 stars each forming a parallelogram. Stars are magniude 7~9	Lower's Nebula
Per	OC	0869	02 19.0	57 09	4.0	30.0	One half of the "double cluster". This cluster is more compact than its neighbor N884 and has 2 magnitude 6 stars that dominate nearby mag 8~1- stars.	Double cluster
Per	OC	0884	02 22.4	57 07	4.0	30.0	The other half of the "double cluster". Much more open than N896 and has many magnitude 6~9 stars comprising a generally round open cluster.	Double cluster
Per	OC	Tr 2	02 37.3	55 59	6.9	20.0	Open cluster of 3 stars in a NW/SE line and two stars just east aligned E/W.	
Per	OC	Mel 20	03 22.0	49 00	1.2	185.0	Magnitude 2 and 3 stars forming an "S" shape.	
Per	OC	1342	03 31.6	37 20	6.7	14.0	Open cluster composed of a lower left row of 2 stars and an arc of 4 or 5 stars above and to right. The arc is shaped similar to a south facing question mark.	Melotte 21

Flinthill Deep Sky Guides

Deep Sky Binocular Observations

Per	C+N	1528	04 15.4	51 14	6.4	24.0	Open cluster in wide triangular fan shape opening to the south. Composed of many 8 to 10 mag stars and many more dimmer stars that blend together.	
Per	OC	1582	04 32.0	43 51	7.0	37.0	The only object I can find in this area is two small arcs with the end of one ending in the cup of the other. This object not shown on the Sky Atlas 2000.	Cr 51
Pup	OC	2527	08 05.3	-28 10	6.5	22.0	Open cluster of magnitude 9 stars in NW leaning oval. One magnitude 8 star at south end of cluster.	
Pup	OC	2539	08 10.7	-12 50	6.5	22.0	Oval shaped open cluster of uncountable 10th magnitude stars plus 2 8th magnitude stars. Very good open.	
Pup	OC	2571	08 18.9	-29 44	7.0	13.0	Oval open cluster oriented N/S composed of 9th magnitude stars plus 2 N/S aligned stars of 7th or 8th magnitude. There is also a 3 star arc just north. Very difficult to acquire.	
Scl	GxC	0253	00 47.6	-25 17	8.1	25.1	This is a great edge on galaxy and is my first time to view it. Slanted from upper left	Sculptor Galaxy
Ser	OC	IC 4756	18 39.0	05 27	4.5	70.0	40' to 50' sized blunt nosed triangle of magnitude 6 stars with 2 on top and 2 on bottom and inside of triangle 4 to 6 magnitude 7 stars. Has background of numerous 8 to 10 magnitude stars. Object just 2 deg. E of N6633.	Melotte 210
Sgr	OC	6520	18 03.4	-27 54	6.7	6.0	Approximately 2 3/4 deg. NW of Y Sagittarius. Cluster appears to be nearly in center of a line of 6th magnitude stars aligned E to W. Cluster looks almost nebulous. Observed 10:34 PM.	
Sgr	OC	6716	18 54.6	-19 53	6.9	7.0	Located to NE of Sagittarius teapot. Small open cluster of magnitude 8 and dimmer stars. Looks like a stack of two triangles pointing east.	
Tau	OC	Mel 25	04 27.0	16 00	1.0	330.0	The Hyades. Always a spectacular open cluster of magnitude 5 and 6 stars running about N to S around Aldebaran.	Hyades
Tau	OC	1647	04 46.0	19 04	6.4	45.0	Large, faint open cluster of many 10-11 magnitude stars. Nice.	
Tau	OC	1746	05 03.6	23 49	6.0	42.0	Open cluster in an upright "U" shape, similar to a yolk with a single line of stars composing each side. At the yolk base (bottom of the "U") is a large block of much fainter stars forming a base for the yolk that makes the entire star group look like a flower vase with a large bottom.	
Tau	OC	1807	05 10.7	16 32	7.0	17.0	Open cluster of magnitude 8-9 stars in the shape of an east facing arc.	
Tau	OC	1817	05 12.1	16 42	7.7	16.0	Open cluster of magnitude 8-9 stars in a shape of small old fashioned stick chair that faces east. Lower star of front leg is about magnitude 10-11.	
Vul	OC	Cr 399	19 25.4	20 11	3.6	60.0	3 sets of 2 stars each which make up horizontal hanger rod and 4 stars in hook portion-good for conversation. Observed 1:48 AM.	Coathanger cluster
Vul	C+N	6823	19 43.1	23 18	7.1	12.0	Open cluster in shape of north pointing triangle that has a line of 6 stars just to the	
Vul	OC	6940	20 34.6	28 18	6.3	31.0	Large open cluster in a mostly circular shape that is made up of many small magnitude 9-10-11 stars. So many stars it resembles nebulosity. This is a beautiful cluster.	
Cas	OC	Tr 3	03 11.8	63 15	7.0	23.0	Open cluster and with a little imagination a "?" shape can be made out.	