

Flinthill Deep Sky Guides

- **January Lightweight Edition**

CON	RA	DEC	TYPE	OBJ ID	SIZE	MAG	Mes	DESCRIPTION and COMMENT	AKA
Aur	05 16.2	34 16	DN	IC 0405	30.0	5.8		Has stars from Orion, FLAMING STAR NEB, receding at 80 miles/sec	Flaming Star
Aur	05 20.2	39 21	OC	1857	6.0	7.0		CL,PRI,PC,ST7., 30 stars in scattered cluster w/hint of nebulosity, use UHC filter	
Aur	05 22.7	33 24	C+N	1893	11.0	7.5		CL,L,RI,LC, cluster with IC 405 nebulosity/crescent shape or boomerang shaped	
Aur	05 28.7	35 50	OC	1912	21.0	6.4	038	CL,B,VL,VRI,IF,STL\$\$, bright, rich, irregular shape, wide magnitude star range	
Aur	05 36.1	34 08	OC	1960	12.0	6.0	036	CL,B,VL,VRI,CL,*9.11, bright, very rich, compressed, 9~11 mag stars	
Aur	05 52.4	32 33	OC	2099	24.0	5.6	037	CL,RI,PCM,ST L\$\$, rich, middle area is compressed	
Aur	06 49.3	41 04	OC	2281	15.0	5.4		CL,PRI,VLC,ST PL, 30 stars in cluster, very bright and large in shape of two lobes	
CMa	06 46.0	-20 44	OC	2287	38.0	4.5	041	CL,VL,B,LC,ST 8..., bright, somewhat condensed, mag 8.0 and fainter stars	
CMa	07 08.3	-13 10	OC	2345	12.0	7.7		CL,PL,PRI,GBM,*10.14, pretty large "Z" shape w/brighter center	
CMa	07 14.3	-25 44	OC	2354	20.0	6.5		CL,CRI,LC, 25 stars in scattered field	
CMa	07 17.8	-15 37	OC	2360	13.0	7.2		CL,VL,RI,PC,ST9...12, shapeless, scattered cluster with star strings	
CMa	07 18.8	-24 57	C+N	2362	8.0	4.1		TCL,PL,RI,30CMA, triangle shaped 40 star cluster	Tau CMa cluster
Cnc	08 40.1	19 59	OC	2632	95.0	3.1	044	PRAESEPE CANCRI, 50 stars evenly spread over 95.0' area	Praesepe/Behive
Cnc	08 50.4	11 49	OC	2682	30.0	6.9	067	CL,VB,VL,ERI,LC, rich, 10~15 mag stars, Interesting open cluster	
Col	05 14.1	-40 03	GC	1851	11.0	7.3		GCL,VB,VL,R,VSVVBM, X-ray source	
Gem	06 01.0	23 18	OC	2129	7.0	6.7		CL,PL,40OR50ST, 13 mag 8~15 stars makeup a chain like asterism	
Gem	06 08.9	24 20	OC	2168	28.0	5.1	035	2500l/y distant, rich, somewhat compressed, 9~16 mag stars	
Gem	06 20.4	23 16	DN	IC 0444	8.0	7.5		Estimate 8th mag central star	
Hya	08 13.8	-05 48	OC	2548	54.0	5.8	048	CL,VL,PRI,PMC,*9..13, big, bright center region	
Lyn	07 22.9	55 17	Tpl	#19	1.2	5.0		5.0, 6.0, 11.0, 15 to 74" sep,B8 & A0 spectra, one member is lilac color	
Mon	06 26.6	-04 45	OC	2232	30.0	3.9		B* 10MON+CL, bright OC with one blue-white star	
Mon	06 32.4	04 52	OC	2244	40.0	4.8		CL,BEAUTIFUL,STSC, 16 star cluster inside of the Rosette Nebula	
Mon	06 34.7	08 22	OC	2251	10.0	7.3		CL,VL,E,RI,LC, 30 stars in large and flat, elongated cluster	
Mon	06 41.0	09 53	OC	2264	20.0	4.7		Near the Cone Nebula, aka Melotte 49	Christmas tree
Mon	06 41.1	09 53	C+N	2264	60.0	3.9		15MON,CL,**,(NEB), emission neb mag 4.7 with 20 star cluster, look for large Em Neb	Cone nebula
Mon	06 47.6	-03 10	OC	2286	15.0	7.5		CL,L,C, 50 mag 9~15 star cluster, loose and scattered	
Mon	06 51.8	00 28	OC	2301	12.0	6.0		CL,RI,L,IF,ST L\$\$, class I 3r, 80 stars, mag 6.9~15.5+, aka Melotte 54	Triangular star
Mon	07 03.2	-08 20	OC	2323	16.0	5.9	050	CL,VL,RI,PC,E, elongated, somewhat compressed, rich. Individual ** may have	
Mon	07 06.6	-10 05	OC	2335	12.0	7.2		CL,L,LC, 35 star triangle, tight group, just above IC 2177	
Mon	07 08.3	-10 39	OC	2343	7.0	6.7		CL,CL,P,LC, 15 stars in tight, bright group, just East of IC 2177	
Mon	07 14.6	-10 18	OC	2353	20.0	7.1		CL,L,LC,ONEVB*, 30 stars, concentrated toward middle w/one mag 9 star in cluster	Melotte 62
Mon	08 00.2	-10 47	OC	2506	7.0	7.6		CL,PL,VRI,C, 50 mag 11~20 ** in rich, clsd field w/some nebulosityBINO OBJECT	
Ori	05 35.1	-04 44	DN	1973-5	5.0	4.7		Located at north end of Orion's sword (N1973-75-77)	
Ori	05 35.1	09 56	Dbl	Meade 285	5.6	3.6		Yellow & purple, 3.6, 5.6 Sep	Lambda Orionis
Ori	05 35.2	-04 26	OC	1981	25.0	4.6		CL,VB,LRI,ST L,SC, slightly farther north than NGC 1973	
Ori	05 35.4	-05 27	DN	1976	66.0	4.0	042	Theta Orionis, 1500 l/y distant	Orion Nebula
Ori	05 35.4	-05 54	DN	1980	14.0	2.5		VF,VVL,44ORIONIS INV, located in field of brilliant blue-white stars	
Ori	05 36.2	-01 12	DN	1990	50.0	1.8		EL,E,EPSILONORI INV, Epsilon in center	

Ori	05 41.0	-02 24	DN	IC 0434	60.0	1.9	Neb, 60' 1, south from Zeta Orion, Class-R (Barnard 33)	Dagger nebula
Ori	05 41.6	-02 14	DN	2023	10.0	7.8	B*IN M OF L,LE NEB, just north. of Horsehead nebula	
Ori	05 51.7	21 47	OC	Berkeley 21	6.0	1.1	Class I 2m, 40 stars, brightest mag 6.0	OCL-469
Ori	05 54.4	01 00	DN	Sh 2-276	420.0	.0	Northeast part is brightest, Sh2-276, size 600 X 30,	Barnard's loop
Ori	06 08.4	13 57	C+N	2169	7.0	5.9	CL,S,LRI,PMC, 15 bright **, tightly grped in shp of no. "37" in nebulosity(Sh2-261)	Lower's Nebula
Ori	06 09.7	20 30	DN	2174	18.0	6.8	EF,BET3VF*, Class-E	
Ori	06 09.8	20 19	OC	2175	18.0	6.8	*8IN NEB, Class-E, Close to N2174, mag 8~11 stars in nebulosity	
Pup	07 28.1	-11 44	OC	2396	10.0	7.0	CL,VL,VLC, 30 stars in cluster with brighter ones in center	
Pup	07 36.6	-14 30	OC	2422	30.0	4.4	047 CL,B,VL,PRI,ST L\$S, large, bright and rich	
Pup	07 37.1	-13 52	OC	2423	19.0	6.7	CL,VL,RI,PC,ST VS, 60 dim & bright **, good contrast, somewhat loose cluster	
Pup	07 38.4	-10 41	OC	Mel 72	9.0	7.1	20 faint stars split into two zones	
Pup	07 40.8	-31 41	OC	2439	10.0	6.9	CL,B,PRI,PL,LC, 80 stars mostly concentrated in center	
Pup	07 41.8	-14 49	OC	2437	27.0	6.1	046 CL,VB,VRI,VL,INV PLN, 20mm years old (NGC 2438 in same field)	
Pup	07 44.6	-23 52	OC	2447	22.0	6.2	093 CL,L,PRI,LC, 8~13 mag stars in rich, slightly compressed, irregular shape	
Pup	07 45.4	-37 58	OC	2451	45.0	2.8	CL,VVL,VLC, large w/ little compression of the 40 mag 4~5 stars	
Pup	07 52.3	-38 33	OC	2477	27.0	5.8	CL,B,RI,L,LC,*12, bright, rich in center, 160 mag 11 stars, good quality cluster	
Pup	07 52.6	-26 23	C+N	2467	16.0	7.0	PB,VL,R,ER,*8M, Class-E nebula, uniformly faint w/extension to W, irr shape	
Pup	07 54.9	-24 18	OC	2482	12.0	7.3	CL,L,CRI,VLC, 50 star semi-rich, no defined shape	
Pup	07 56.2	-30 04	OC	2489	8.0	7.9	CL,PL,CRI,PC, 30 mag 11~13 stars in circular shape w/2 noticeably brighter **	
Pup	08 05.3	-28 10	OC	2527	22.0	6.5	CL,VL,PRI,LC, 50 mag 10~15 stars in loose, scattered, shapeless cluster	
Pup	08 10.7	-12 50	OC	2539	22.0	6.5	CL,VL,RI,LC,*11...13, similar mag stars w/blue star in cntr,BINOCULAR OBJECT	
Pup	08 12.4	-37 38	OC	2546	41.0	6.3	CL,B,L,LC,IE, 75 mag 9~12 well spaced stars	
Pup	08 18.6	-30 38	OC	2567	10.0	7.4	CL,PL,PRI,LC,IR, 50 mag 11 stars in rich field	
Pup	08 18.9	-29 44	OC	2571	13.0	7.0	CL,VL,CRI,LC,25 mag 9.0 stars in loose, irregular group	
Tau	05 03.6	23 49	OC	1746	42.0	6.0	CL,P, large, asymmetric and detached	
Tau	05 10.7	16 32	OC	1807	17.0	7.0	CL,PRI,ST L\$S, rich with irregular shape, 10 mag 9 stars in southern half	
Tau	05 12.1	16 42	OC	1817	16.0	7.7	CL,L,RI,LC, 16 mag 11~14 stars in loose group in same field with NGC 1804	
Vel	08 10.7	-49 16	OC	2547	20.0	4.7	CL,B,L,LC,ST7...16, "V" shaped asterism	