

Celestron Origin & ZWO SeeStar S50 Imaging Targets

Hyman Rim Ranch Star Party 2025

Sort Order: | Type | Best Time | Const |

Type	ID	Best	Const	Name	Size	Mag	S.B.	R.A.	Dec	Rise	Transit	Set	User Notes
DkNeb	LDN-628	20:00	Aql		11.0			18:58:30	+03°26'08"	13:13	19:25	01:38	Opacity: 4 (Max Alt:59.0° at 7:25 PM)
DkNeb	LDN-547	20:00	Aql		11.7			18:50:38	-03°51'26"	13:25	19:18	01:10	Opacity: 4 (Max Alt:51.7° at 7:18 PM)
DkNeb	LDN-1752	20:00	Oph		10.3			16:29:56	-19°36'30"	11:50	16:57	22:03	B43, Opacity: 4, ID: 50 (Max Alt:33.6° at 6:00 PM)
DkNeb	LDN-1769	20:00	Oph		27.4			17:42:12	-30°01'25"	13:39	18:09	22:39	B275, B278, Opacity: 4 (Max Alt:25.5° at 6:09 PM)
DkNeb	LDN-1680	20:00	Sco		13.1			16:21:01	-24°07'05"	11:56	16:48	21:39	Opacity: 4, ID: 1 (Max Alt:28.7° at 6:00 PM)
DkNeb	LDN-559	20:00	Ser		31.9			18:32:35	-00°57'44"	12:59	18:59	01:00	Opacity: 4 (Max Alt:54.6° at 6:59 PM)
DkNeb	LDN-572	20:00	Ser		29.0			18:30:34	+00°02'08"	12:55	18:57	01:00	Opacity: 4 (Max Alt:55.6° at 6:57 PM)
DkNeb	LDN-716	20:00	Sge		29.0			19:23:15	+17°05'51"	12:58	19:50	02:42	Opacity: 4 (Max Alt:72.6° at 7:50 PM)
DkNeb	LDN-741	20:00	Vul		20.5			19:21:10	+21°05'43"	12:44	19:48	02:53	Opacity: 4 (Max Alt:76.6° at 7:48 PM)
DkNeb	LDN-935	21:15	Cyg		11.6			20:56:48	+43°51'36"	12:33	21:24	06:14	B152, Opacity: 4 (Max Alt:80.6° at 9:24 PM)
DkNeb	LDN-1472	04:00	Per		14.7			03:41:07	+31°09'36"	20:26	04:08	11:50	B2, B1, Opacity: 4, ID: 174 (Max Alt:86.7° at 4:04 AM)
DkNeb	LDN-1521	04:30	Tau		15.7			04:33:04	+26°06'17"	21:38	05:00	12:22	B22, B19, B14, B220, Opacity: 4, ID: 169 (Max Alt:81.6° at 5:09 AM)
DkNeb	LDN-1495	04:30	Tau		12.5			04:18:05	+27°37'17"	21:17	04:45	12:13	B7, B10, B211, B209, B216, B213, B218, B217, Opacity: 4, ID: 169 (Max Alt:80.6° at 5:09 AM)
DkNeb	LDN-1538	04:30	Tau		13.4			04:46:03	+25°05'24"	21:55	05:13	12:31	Opacity: 4, ID: 169 (Max Alt:80.6° at 5:09 AM)
Globular	M-3	20:00	CVn	NGC5272	16.2	7.0	21.7	13:42:11	+28°22'35"	06:39	14:09	21:40	Max Alt:40.3° at 6:00 PM
Globular	M-92	20:00	Her	NGC6341	11.2	7.5	21.4	17:17:07	+43°08'11"	08:59	17:44	02:29	Max Alt:80.5° at 6:00 PM
Globular	M-13	20:00	Her	Hercules Globular Cluster, Great Hercules Cluster	16.6	7.0	21.7	16:41:41	+36°27'35"	09:03	17:09	01:14	Max Alt:78.6° at 6:00 PM
Globular	M-5	20:00	Ser	NGC5904	17.4	7.0	21.8	15:18:33	+02°04'57"	09:37	15:45	21:54	Max Alt:44.4° at 6:00 PM
Globular	M-2	22:00	Aqr	NGC7089	12.9	7.5	21.7	21:33:27	-00°49'23"	16:00	22:00	04:01	Max Alt:54.7° at 10:00 PM
Globular	M-15	22:00	Peg	Great Pegasus Cluster, NGC7078	12.3	7.5	21.6	21:29:58	+12°10'02"	15:20	21:57	04:34	Max Alt:67.7° at 9:57 PM
IrrGal	NGC-6822	20:15	Sgr	C57, Barnard's Galaxy	10.0x9.0	8.8	22.3	19:44:54	-14°48'00"	14:51	20:12	01:33	Max Alt:40.7° at 8:12 PM
Open	NGC-6709	20:00	Aql		13.0	6.7	20.9	18:51:18	+10°19'06"	12:47	19:18	01:50	Cl, pRi, IC, iF (Max Alt:65.8° at 7:18 PM)
Open	NGC-6633	20:00	Oph		27.0	4.6	20.4	18:27:15	+06°30'30"	12:33	18:54	01:15	Cl, IC, st L (Max Alt:62.0° at 6:54 PM)
Open	M-6	20:00	Sco	Butterfly Cluster, NGC6405	15.0	4.5	19.0	17:40:20	-32°15'12"	13:46	18:07	22:28	Max Alt:23.3° at 6:07 PM
Open	NGC-6416	20:00	Sco		18.0	5.7	20.6	17:44:19	-32°21'42"	13:51	18:11	22:32	Cl, vL, Ri, IC (Max Alt:23.2° at 6:11 PM)
Open	M-11	20:00	Sct	Wild Duck Cluster, Scutum Salt-and-Pepper Cluster	14.0	7.0	21.4	18:51:05	-06°16'12"	13:32	19:18	01:03	Max Alt:49.2° at 7:18 PM
Open	NGC-6595	20:00	Sgr		11.0	7.0	20.8	18:17:05	-19°51'57"	13:38	18:44	23:50	F, pL, cE, ** inv; = IC 4700 (Max Alt:35.7° at 6:44 PM)
Open	M-21	20:00	Sgr	NGC6531	13.0	7.0	21.2	18:04:13	-22°29'24"	13:34	18:31	23:28	Max Alt:33.0° at 6:31 PM
Open	NGC-6530	20:00	Sgr		15.0	4.6	19.1	18:04:31	-24°21'30"	13:41	18:31	23:22	Cl, B, L, pRi, f M8 (Max Alt:31.2° at 6:31 PM)
Open	M-23	20:00	Sgr	NGC6494	27.0	6.0	21.8	17:57:04	-18°59'06"	13:16	18:24	23:32	Max Alt:36.5° at 6:24 PM
Open	NGC-6811	20:15	Cyg	Hole in a Cluster	13.0	6.8	21.0	19:37:17	+46°23'18"	10:54	20:04	05:14	Cl, L, pRi, IC, st 11...14 (Max Alt:78.1° at 8:04 PM)
Open	NGC-6823	20:15	Vul		12.0	7.1	21.1	19:43:09	+23°18'00"	12:58	20:10	03:22	Cl, cRi, E, st 11...12 (Max Alt:78.8° at 8:10 PM)
Open	NGC-6830	20:15	Vul		12.0	7.9	21.9	19:50:59	+23°06'00"	13:07	20:18	03:29	Cl, L, pRi, pC, st 11...12 (Max Alt:78.6° at 8:18 PM)
Open	NGC-6871	20:30	Cyg		20.0	5.2	20.3	20:05:59	+35°46'38"	12:30	20:33	04:35	Cl, st L and S, ** inv (Max Alt:88.4° at 8:33 PM)
Open	NGC-7023	21:30	Cep		18.0	7.0	21.9	21:01:36	+68°10'10"	01:00	21:28	01:00	*7 in eF, eL, neby (Max Alt:45.8° at 6:00 PM)
Open	M-39	22:00	Cyg	NGC7092	32.0	5.5	21.7	21:31:42	+48°25'00"	12:29	21:59	07:28	Max Alt:76.0° at 9:59 PM
Open	NGC-7243	22:45	Lac	C16	21.0	6.4	21.6	22:15:18	+49°53'00"	12:56	22:42	08:28	Max Alt:74.6° at 10:42 PM
Open	NGC-7686	23:45	And		15.0	5.6	20.1	23:30:07	+49°08'00"	14:20	23:57	09:34	Cl, P, IC, st 7...11 (Max Alt:75.3° at 11:57 PM)
Open	NGC-7789	00:15	Cas		16.0	6.7	21.3	23:57:24	+56°42'30"	01:00	00:24	01:00	Cl, vL, vRi, vmC, st 11...18 (Max Alt:30.7° at 6:00 AM)
Open	NGC-129	00:45	Cas		21.0	6.5	21.7	00:30:00	+60°13'06"	01:00	00:57	01:00	Cl, vL, pR, IC, st 9...13 (Max Alt:35.6° at 6:00 AM)
Open	NGC-225	01:00	Cas	Sailboat Cluster	12.0	7.0	21.0	00:43:39	+61°46'30"	01:00	01:11	01:00	Cl, L, IC, st 9...10 (Max Alt:37.4° at 6:00 AM)

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Type	ID	Best	Const	Name	Size	Mag	S.B.	R.A.	Dec	Rise	Transit	Set	User Notes
Open	NGC-457	01:45	Cas	C13,Dragonfly Cluster	13.0	6.4	20.6	01:19:06	+58°20'00"	01:00	01:46	01:00	Max Alt:41.7° at 6:00 AM
Open	NGC-663	02:15	Cas	C10	16.0	7.1	21.7	01:46:00	+61°15'00"	01:00	02:13	01:00	Max Alt:44.9° at 6:00 AM
Open	NGC-744	02:15	Per		11.0	7.9	21.7	01:58:33	+55°28'24"	01:00	02:25	01:00	Cl, pL, pRi, iF, st 11...13 (Max Alt:47.2° at 6:00 AM)
Open	NGC-884	02:45	Per	Chi Persei [1]	30.0	4.0	20.0	02:22:18	+57°08'12"	01:00	02:49	01:00	! Cl, vL, vRi, ruby * M (Max Alt:50.2° at 6:00 AM)
Open	NGC-869	02:45	Per	NGC884, C14,Chi Persei [2]	30.0	4.3	20.3	02:20:00	+57°08'00"	01:00	02:47	01:00	Max Alt:49.9° at 6:00 AM
Open	NGC-1027	03:00	Cas		20.0	6.7	21.8	02:42:40	+61°35'42"	01:00	03:10	01:00	Cl, L, sc st, one 10m (Max Alt:51.2° at 6:00 AM)
Open	NGC-957	03:00	Per		11.0	7.6	21.4	02:33:21	+57°33'36"	01:00	03:00	01:00	Cl, pL, pRi, st 13...15 (Max Alt:51.5° at 6:00 AM)
Open	NGC-1342	04:00	Per		14.0	6.7	21.1	03:31:38	+37°22'36"	19:48	03:59	12:09	Cl, vL, ab 60 st (Max Alt:87.1° at 3:55 AM)
Open	M-37	04:30	Aur	Auriga Salt-and-pepper Cluster, January Salt-an	24.0	6.0	21.5	05:52:18	+32°33'12"	22:32	06:19	14:07	Max Alt:86.6° at 6:00 AM
Open	NGC-1893	04:30	Aur		11.0	7.5	21.3	05:22:45	+33°24'42"	21:58	05:50	13:41	Cl, L, Ri, IC (Max Alt:88.9° at 5:46 AM)
Open	M-36	04:30	Aur	Pinwheel Cluster, NGC1960	12.0	6.5	20.5	05:36:18	+34°08'24"	22:08	06:03	13:58	Max Alt:89.5° at 5:59 AM
Open	NGC-2281	04:30	Aur		15.0	5.4	19.9	06:48:17	+41°04'42"	22:44	07:15	15:47	Cl, pRi, vLC, st pL (Max Alt:74.8° at 6:00 AM)
Open	M-41	04:30	CMa	Little Beehive, NGC2287	38.0	5.0	21.5	06:46:01	-20°45'24"	02:10	07:13	12:16	Max Alt:32.5° at 6:00 AM
Open	M-35	04:30	Gem	NGC2168	28.0	5.5	21.4	06:09:00	+24°21'00"	23:20	06:36	13:51	Max Alt:77.9° at 6:00 AM
Open	NGC-2175	04:30	Ori		18.0	6.8	21.7	06:09:40	+20°29'15"	23:34	06:37	13:39	*8 in neb (Max Alt:74.4° at 6:00 AM)
Open	NGC-1662	04:30	Ori		20.0	6.4	21.5	04:48:27	+10°56'12"	22:42	05:15	11:49	Cl of L & S sc st (Max Alt:66.5° at 5:11 AM)
Open	NGC-1545	04:30	Per		18.0	6.2	21.1	04:20:57	+50°15'12"	18:57	04:48	14:38	Cl, pRi, IC, st L (Max Alt:74.2° at 4:44 AM)
Open	NGC-1528	04:30	Per		24.0	6.4	21.9	04:15:23	+51°12'54"	18:39	04:42	14:46	Cl, B, vRi, cC (Max Alt:73.2° at 4:38 AM)
Open	NGC-1807	04:30	Tau		17.0	7.0	21.8	05:10:43	+16°31'18"	22:48	05:38	12:28	Cl, pRi, st L & S (Max Alt:72.0° at 5:34 AM)
Open	NGC-2345	04:45	CMa		12.0	7.7	21.7	07:08:18	-13°11'36"	02:09	07:35	13:01	Cl, pL, pRi, gbM, st 10...14 (Max Alt:37.8° at 6:00 AM)
Open	NGC-2360	04:45	CMa	C58	13.0	7.2	21.4	07:17:48	-15°37'00"	02:26	07:45	13:03	Max Alt:34.7° at 6:00 AM
Open	NGC-2354	04:45	CMa		20.0	6.5	21.6	07:14:10	-25°41'24"	02:55	07:41	12:27	Cl, cRi, IC (Max Alt:25.7° at 6:00 AM)
Open	M-50	04:45	Mon	Heart-shaped Cluster, NGC2323	16.0	7.0	21.6	07:02:42	-08°23'00"	01:50	07:30	13:09	Max Alt:42.8° at 6:00 AM
Open	NGC-2335	04:45	Mon		12.0	7.2	21.2	07:06:49	-10°01'42"	01:59	07:34	13:09	Cl, L, IC (Max Alt:40.8° at 6:00 AM)
Open	NGC-2244	04:45	Mon	C50,In Rosette Nebula	24.0	4.8	20.3	06:32:24	+04°52'00"	00:43	06:59	13:15	Max Alt:57.9° at 6:00 AM
Open	NGC-2482	04:45	Pup		12.0	7.3	21.3	07:55:12	-24°15'30"	03:31	08:22	13:13	Cl, L, cRi, vLC (Max Alt:22.9° at 6:00 AM)
Open	M-47	04:45	Pup	NGC2422	30.0	4.5	20.5	07:36:35	-14°29'00"	02:41	08:03	13:25	Max Alt:33.6° at 6:00 AM
Open	NGC-2396	04:45	Pup		10.0	7.0	20.6	07:28:00	-11°43'00"	02:25	07:55	13:25	Cl, vL, vLC (Max Alt:37.0° at 6:00 AM)
Open	NGC-2423	04:45	Pup		19.0	6.7	21.7	07:37:06	-13°52'18"	02:40	08:04	13:28	Cl, vL, Ri, pC, st vS (Max Alt:34.1° at 6:00 AM)
Open	NGC-2539	04:45	Pup		22.0	6.5	21.8	08:10:37	-12°49'06"	03:11	08:37	14:04	Cl, vL, Ri, IC, st 11...13 (Max Alt:30.5° at 6:00 AM)
Open	M-93	04:45	Pup	NGC2447,Butterfly Cluster	22.0	6.5	21.8	07:44:30	-23°51'24"	03:19	08:11	13:04	Max Alt:24.5° at 6:00 AM
Open	NGC-2421	04:45	Pup		10.0	8.3	21.9	07:36:13	-20°36'42"	03:00	08:03	13:06	Cl, L, cRi, st 11...13 (Max Alt:28.2° at 6:00 AM)
Open	NGC-2467	04:45	Pup		16.0	7.0	21.6	07:52:26	-26°26'12"	03:36	08:19	13:03	pB, vL, R, er, *8 M (Max Alt:21.4° at 6:00 AM)
Open+D Neb	M-16	20:00	Ser	Eagle Nebula, Star Queen Nebula, The Ghost, N	35.0	6.5	22.8	18:18:48	-13°48'24"	13:22	18:46	00:10	Max Alt:41.7° at 6:46 PM
Open+D Neb	M-17	20:00	Sgr	Omega Nebula, Swan Nebula, Horseshoe Nebu	46.0	7.0	23.9	18:20:47	-16°10'18"	13:31	18:48	00:05	Max Alt:39.4° at 6:48 PM
Open+D Neb	M-20	20:00	Sgr	Trifid Nebula, The Clover, NGC6514	29.0	5.0	20.9	18:02:42	-22°58'18"	13:34	18:30	23:25	Max Alt:32.6° at 6:30 PM
P Neb	M-27	20:30	Vul	Dumbbell Nebula, Apple Core, Diablo, Double-	15.2	7.5	22.0	19:59:36	+22°43'15"	13:17	20:26	03:36	Max Alt:78.2° at 8:26 PM
P Neb	NGC-7293	22:45	Aqr	C63,Helix Nebula	13.0	7.3	21.5	22:29:36	-20°48'00"	17:54	22:56	03:59	Max Alt:34.7° at 10:53 PM
S Gal	NGC-6946	21:00	Cep	C12	11.0x10.0	8.9	22.6	20:34:48	+60°09'00"	01:00	21:02	01:00	Max Alt:51.6° at 6:00 PM
S Gal	NGC-7331	23:00	Peg	C30	11.0x4.0	9.5	22.2	22:37:06	+34°25'00"	15:08	23:04	07:00	Max Alt:89.0° at 11:04 PM
S Gal	NGC-253	01:15	Scl	C65,Sculptor Galaxy	25.0x7.0	7.1	21.3	00:47:36	-25°17'00"	20:27	01:14	06:02	Max Alt:30.2° at 1:11 AM

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Hyman Rim Ranch Star Party 2025

Sort Order: | Type | Best Time | Const |

Type	ID	Best	Const	Name	Size	Mag	S.B.	R.A.	Dec	Rise	Transit	Set	User Notes
S Gal	NGC-891	02:45	And	C23	14.0x3.0	9.9	22.6	02:22:36	+42°21'00"	18:10	02:49	11:29	Max Alt:82.1° at 2:46 AM
S Gal	NGC-2403	04:30	Cam	C7	18.0x10.0	8.4	22.7	07:36:54	+65°36'00"	01:00	08:04	01:00	Max Alt:54.3° at 6:00 AM