

## OAOG Challenge - Nebulae

NGC / IC	Messier	Const.	Type	R.A.	Dec.	Mv	Size	No *	GX Type	Level	Observe	Meridian	Photo	Name
7662		AND	PN	23:25:52	42:32:59	8.3	0.5			3	All Year	Aug1-Sep12-Dec11	All Year	Blue Snowball
7009		AQR	PN	21:04:10	-11:22:05	8	0.5			2	Mar21-Jan11	Jul7-Aug7-Oct30	Apr17-Jan1	Saturn Nebula
7293		AQR	PN	22:29:34	-20:48:09	7.3	14.3			3	May31-Jan18	Jul22-Aug29-Nov27	Jun17-Jan8	Helix Nebula
281		CAS	CN	00:52:46	56:37:05	~7	34			4	All Year	Aug16-Oct4-Dec31	All Year	PacMan Nebula
IC1805		CAS	CN	02:32:41	61:27:08	6.5	21			3	All Year	Sep2-Oct30-Jan20	All Year	
IC1848		CAS	CN	02:51:11	60:26:08	6.5	11			4	All Year	Sep6-Nov3-Jan23	All Year	
40		CEP	PN	00:12:57	72:32:05	12.3	0.6			5	All Year	Aug9-Sep24-Dec22	All Year	
7023		CEP	CN	21:00:27	68:09:56	~7	17			4	All Year	Jul6-Aug7-Oct28	All Year	
IC1396		CEP	CN	21:39:04	57:29:57	~3.5	160			2	All Year	Jul13-Aug16-Nov11	All Year	Elephant Trunk
246		CET	PN	00:46:59	-11:53:13	10.9	4			4	Jun26-Feb22	Aug15-Oct3-Dec29	Jul6-Feb13	
2362		CMA	CN	07:18:49	-24:57:15	4.1	7.9			2	Sep17-Apr22	Oct26-Jan10-Mar15	Sep28-Apr12	Mexican Jumping Star
IC1297		CRA	PN	19:17:23	-39:36:51	10.7	0.2			5	-	Jun13-Jul11-Sep9	-	
4361		CRV	PN	12:24:31	-18:48:00	10.9	1.5			5	Nov8-Jun24	Dec28-Mar29-May8	Nov18-Jun12	
6826		CYG	PN	19:44:46	50:30:51	8.8	0.5			2	All Year	Jun20-Jul18-Sep24	All Year	Blinking Nebula
6960		CYG	NB	20:45:40	30:42:53	?	68			4	All Year	Jul3-Aug3-Oct23	All Year	Veil Nebula
7008		CYG	PN	21:00:35	54:32:45	10.7	1.7			5	All Year	Jul6-Aug7-Oct28	All Year	
7027		CYG	PN	21:07:04	42:13:53	8.5	0.3			3	All Year	Jul7-Aug8-Oct31	All Year	
6891		DEL	PN	20:15:11	12:41:51	10.5	0.3			5	All Year	Jun27-Jul26-Oct9	Feb3-Jan12	
6543		DRA	PN	17:58:34	66:37:47	8.1	0.4			2	All Year	May14-Jun21-Jul26	All Year	Cat Eye Nebula
1535		ERI	PN	04:14:12	-12:44:17	9.6	0.8			3	Aug4-Apr1	Sep21-Nov25-Feb8	Aug12-Mar24	
1360		FOR	PN	03:33:17	-25:51:17	9.4	7.3			3	Aug9-Mar11	Sep13-Nov14-Feb1	Aug19-Feb28	
2392		GEM	PN	07:29:13	20:54:54	9.1	0.8			2	Aug13-May29	Oct28-Jan13-Mar17	Aug21-May21	Eskimo Nebula
IC4593		HER	PN	16:11:43	12:03:53	10.7	0.2			5	All Year	Mar15-May25-Jun19	Dec5-Nov14	
6210		HER	PN	16:44:29	23:48:51	8.8	0.3			3	All Year	Apr2-Jun3-Jun28	All Year	
3242		HYA	PN	10:24:49	-18:38:06	7.7	0.7			2	Oct15-May30	Dec2-Feb26-Apr18	Oct25-May21	Ghost of Jupiter Nebula
IC418		LEP	PN	05:27:29	-12:42:16	9.3	0.2			4	Aug16-Apr14	Oct5-Dec13-Feb22	Aug24-Apr6	
6720	M57	LYR	PN	18:53:35	33:01:51	9.7	1.3			2	All Year	Jun6-Jul5-Aug26	All Year	Ring Nebula

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2237		MON	NB	06:30:18	05:02:50	?	76			4	Aug14-May8	Oct17-Dec29-Mar6	Aug22-Apr30	Rosette Nebula
2261		MON	NB	06:39:12	08:43:51	?	1.9			4	Aug13-May12	Oct19-Dec31-Mar8	Aug21-May4	Hubble's Variable Nebula
2264		MON	CN	06:41:06	09:52:51	3.9	59			2	Aug12-May13	Oct19-Jan1-Mar8	Aug20-May6	Cone Nebula
6572		OPH	PN	18:12:05	06:50:55	8.1	0.3			3	Dec26-Dec22	May20-Jun25-Aug2	Jan5-Dec12	
1788		ORI	NB	05:06:54	-03:21:13	?	7.9			5	Aug6-Apr18	Oct1-Dec8-Feb18	Aug13-Apr10	
1973		ORI	NB	05:35:06	-04:44:13	?	4.7			2	Aug11-Apr21	Oct6-Dec15-Feb24	Aug19-Apr14	
1976	M42	ORI	NB	05:35:24	-05:27:13	4	59			1	Aug12-Apr21	Oct6-Dec15-Feb24	Aug20-Apr13	Orion Nebula
1977		ORI	NB	05:35:30	-04:52:14	?	19			2	Aug12-Apr21	Oct6-Dec15-Feb24	Aug19-Apr14	
1982	M43	ORI	NB	05:35:36	-05:16:17	9	19			1	Aug12-Apr21	Oct6-Dec15-Feb24	Aug20-Apr13	
1999		ORI	NB	05:36:30	-06:42:14	?	1.9			4	Aug13-Apr20	Oct6-Dec15-Feb24	Aug21-Apr12	
2024		ORI	NB	05:41:54	-01:51:13	?	29			4	Aug11-Apr25	Oct8-Dec17-Feb25	Aug18-Apr17	
2068	M78	ORI	NB	05:46:42	00:02:48	8	7.9			2	Aug10-Apr27	Oct8-Dec18-Feb26	Aug18-Apr19	
650	M76	PER	PN	01:42:17	51:35:05	10.1	2			3	All Year	Aug24-Oct17-Jan10	All Year	Little Dumbell Nebula
1624		PER	CN	04:40:24	50:27:05	10.4	4.7			5	All Year	Sep26-Dec1-Feb13	Jun11-May27	
2438		PUP	PN	07:41:49	-14:44:14	10.8	1.2			4	Sep11-May6	Oct31-Jan16-Mar19	Sep20-Apr27	
2440		PUP	PN	07:41:55	-18:13:14	9.4	1.2			3	Sep14-May2	Oct31-Jan16-Mar19	Sep24-Apr24	
2467		PUP	CN	07:52:35	-26:23:14	~7	7.9			4	Sep25-Apr26	Nov2-Jan19-Mar21	Oct7-Apr16	
6231		SCO	CN	16:53:59	-41:47:48	2.6	230			2	-	Apr8-Jun5-Jun30	-	
6281		SCO	CN	17:04:47	-37:53:49	5.4	7.9			3	Mar5-Aug6	Apr14-Jun8-Jul4	-	
6302		SCO	PN	17:13:42	-37:05:52	9.6	1.3			4	Mar2-Aug21	Apr19-Jun10-Jul7	-	Bug Nebula
6383		SCO	CN	17:34:47	-32:33:52	5.5	4.7			3	Feb15-Oct4	May1-Jun15-Jul15	Mar27-Aug17	
6604		SER	CN	18:18:05	-12:13:59	6.5	1.9			3	Jan17-Dec4	May23-Jun26-Aug6	Jan31-Nov21	
6611	M16	SER	NB	18:18:47	-13:46:59	6	6.9			1	Jan19-Dec2	May23-Jun27-Aug6	Feb3-Nov19	Eagle Nebula
6514	M20	SGR	NB	18:02:17	-23:01:55	6.3	24			1	Jan29-Nov13	May16-Jun22-Jul28	Feb18-Oct25	Trifid Nebula
6523	M8	SGR	NB	18:03:47	-24:22:55	5	76			1	Feb2-Nov11	May17-Jun23-Jul29	Feb23-Oct21	Lagoon Nebula
6595		SGR	NB	18:16:59	-19:52:57	~7	3.9			4	Jan28-Nov23	May22-Jun26-Aug5	Feb15-Nov7	
6618	M17	SGR	NB	18:20:47	-16:10:58	6	44			1	Jan23-Nov30	May24-Jun27-Aug7	Feb9-Nov16	Swan or Omega Nebula

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6818		SGR	PN	19:43:58	-14:09:01	9.3	0.4			4	Feb18-Dec22	Jun20-Jul18-Sep24	Mar11-Dec11	Little Gem Nebula
1952	M1	TAU	NB	05:34:30	22:00:55	8.4	5.9			3	Jul23-May11	Oct6-Dec15-Feb24	Jul31-May3	Crab Nebula
3587	M97	UMA	PN	11:14:49	55:00:51	11	2.3			3	All Year	Dec12-Mar11-Apr26	All Year	Owl Nebula
6853	M27	VUL	PN	19:59:34	22:42:53	8	8			1	All Year	Jun24-Jul22-Oct2	All Year	Dumbell Nebula