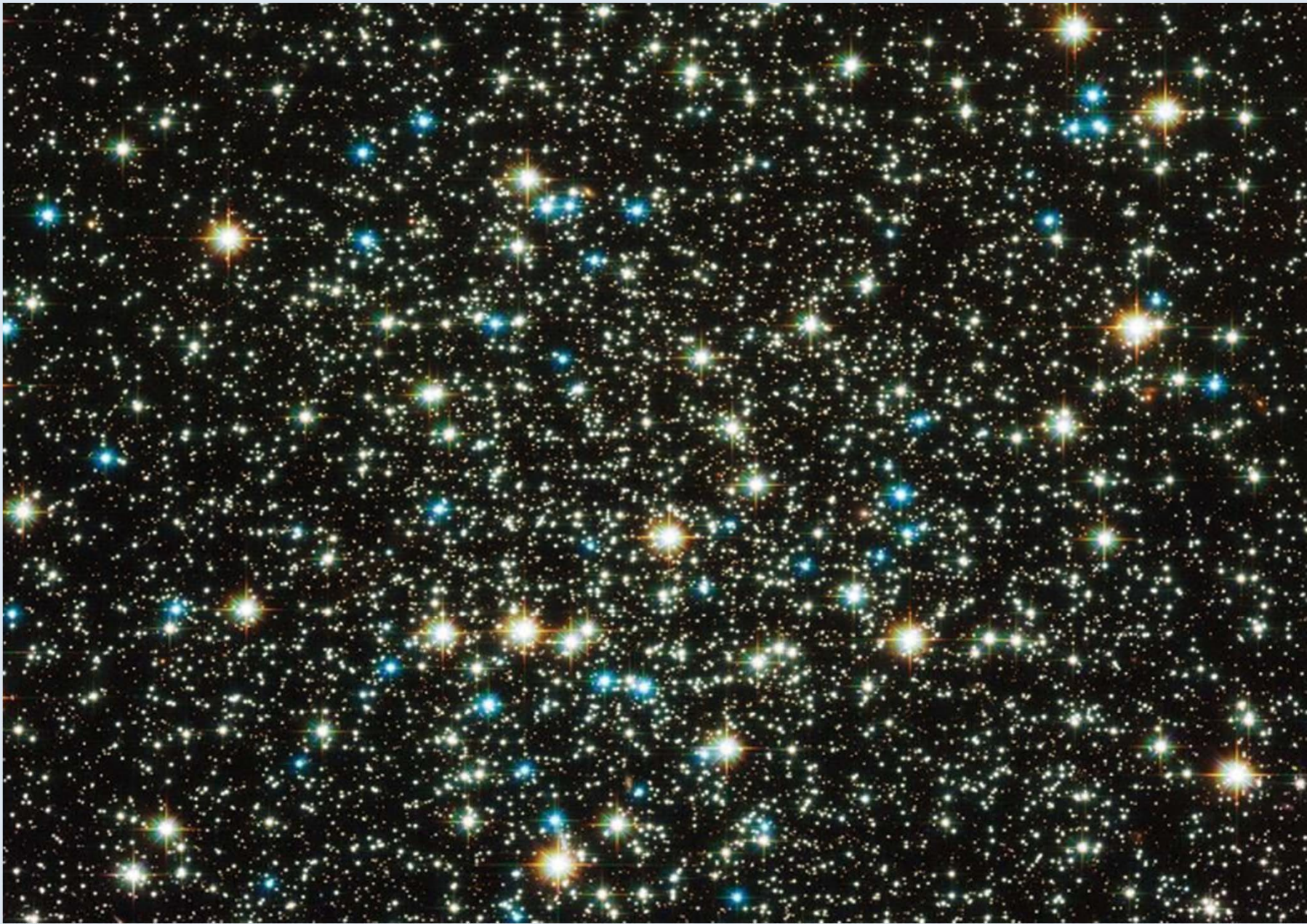
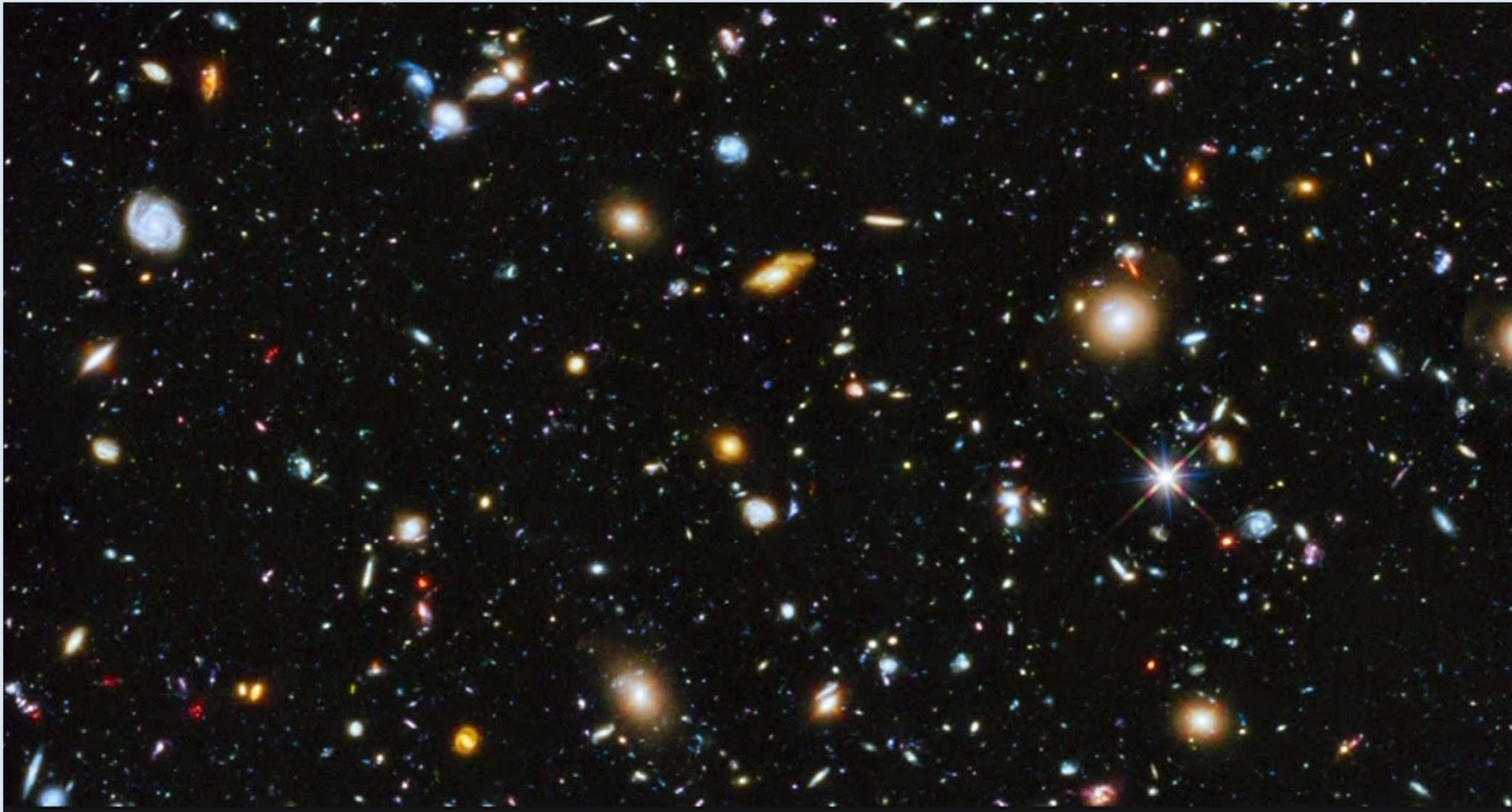


THE HERSCHEL 400 CHALLENGE



THE HERSCHEL 400 CHALLENGE

NGC Number	Other Name	Type	Constellation	Magnitude	RA	Dec	Observed?	Imaged?
205	M110	Galaxy	Andromeda	8.1	00:40:22	41:41:07		
404	Mirach's Ghost	Galaxy	Andromeda	10.3	01:09:27	35:43:06		
752	C28	Open Cluster	Andromeda	5.7	01:57:35	37:50:00		
891	C23	Galaxy	Andromeda	9.9	02:22:33	42:20:50		
7662	Blue Snowball Nebula, C22	Planetary Nebula	Andromeda	8.3	23:25:54	42:32:08		
7686		Open Cluster	Andromeda	5.6	23:30:07	49:08:03		
7009	Saturn Nebula, C55	Planetary Nebula	Aquarius	8.0	21:04:11	-11:21:47		
7606		Galaxy	Aquarius	10.8	23:19:05	-08:29:11		
7723		Galaxy	Aquarius	11.2	23:38:57	-12:57:40		
7727		Galaxy	Aquarius	10.6	23:39:54	-12:17:34		
6755		Open Cluster	Aquila	7.5	19:07:49	04:16:00		
6756		Open Cluster	Aquila	10.6	19:08:42	04:42:21		
6781		Planetary Nebula	Aquila	11.4	19:18:28	06:32:25		
772		Galaxy	Aries	10.3	01:59:20	19:00:27		
1664		Open Cluster	Auriga	7.6	04:51:05	43:40:34		
1857		Open Cluster	Auriga	7.0	05:20:05	39:20:36		
1907		Open Cluster	Auriga	8.2	05:28:05	35:19:32		
1931		Cluster with Nebulosity	Auriga	-	05:31:26	34:14:42		
2126		Open Cluster	Auriga	10.2	06:02:33	49:51:57		
2281		Open Cluster	Auriga	5.4	06:48:18	41:04:44		
5248	C45	Galaxy	Bootes	10.3	13:37:32	08:53:10		
5466		Globular Cluster	Bootes	9.2	14:05:27	28:32:06		
5557		Galaxy	Bootes	11.0	14:18:26	36:29:37		
5676		Galaxy	Bootes	11.2	14:32:46	49:27:25		
5689		Galaxy	Bootes	11.9	14:35:30	48:44:30		
1501		Planetary Nebula	Camelopardalis	11.5	04:06:59	60:55:17		
1502		Open Cluster	Camelopardalis	6.9	04:07:49	62:19:54		
1961	IC 2133	Galaxy	Camelopardalis	11.0	05:42:04	69:22:43		
2403	C7	Galaxy	Camelopardalis	8.5	07:36:51	65:36:06		
2655		Galaxy	Camelopardalis	10.1	08:55:38	78:13:25		
2775	C48	Galaxy	Cancer	10.1	09:10:20	07:02:14		
4111		Galaxy	Canes Venatici	10.7	12:07:03	43:04:00		
4143		Galaxy	Canes Venatici	10.9	12:09:36	42:32:04		
4151		Galaxy	Canes Venatici	10.8	12:10:32	39:24:24		
4214		Galaxy	Canes Venatici	9.8	12:15:39	36:19:39		
4258	M106	Galaxy	Canes Venatici	8.4	12:18:58	47:18:25		
4346		Galaxy	Canes Venatici	11.2	12:23:28	46:59:38		
4449	C21	Galaxy	Canes Venatici	9.6	12:28:11	44:05:42		
4485		Galaxy	Canes Venatici	11.9	12:30:31	41:42:03		
4490		Galaxy	Canes Venatici	9.8	12:30:36	41:38:34		
4618	IC 3667	Galaxy	Canes Venatici	10.8	12:41:33	41:09:04		
4631	C32	Galaxy	Canes Venatici	9.2	12:42:08	32:32:30		
4656		Galaxy	Canes Venatici	10.5	12:43:58	32:10:11		
4800		Galaxy	Canes Venatici	11.6	12:54:38	46:31:53		
5005	C29	Galaxy	Canes Venatici	9.8	13:10:56	37:03:31		
5033		Galaxy	Canes Venatici	10.2	13:13:28	36:35:36		
5195		Galaxy	Canes Venatici	9.6	13:29:59	47:16:03		
5273		Galaxy	Canes Venatici	11.6	13:42:08	35:39:14		
2204		Open Cluster	Canis Major	8.6	06:15:33	-18:39:54		
2354		Open Cluster	Canis Major	6.5	07:14:10	-25:41:24		
2360	C58	Open Cluster	Canis Major	7.2	07:17:43	-15:38:29		
2362	Tau Canis Majoris Cluster, C64	Cluster with Nebulosity	Canis Major	3.8	07:18:41	-24:57:15		
129		Open Cluster	Cassiopeia	6.5	00:29:58	60:12:42		
136		Open Cluster	Cassiopeia	-	00:31:31	61:30:33		
185	C18	Galaxy	Cassiopeia	9.2	00:38:58	48:20:14		
225		Open Cluster	Cassiopeia	7.0	00:43:36	61:46:00		
278		Galaxy	Cassiopeia	10.8	00:52:05	47:33:03		
381		Open Cluster	Cassiopeia	9.3	01:08:20	61:35:00		
436		Open Cluster	Cassiopeia	8.8	01:15:58	58:48:42		
457	C13	Open Cluster	Cassiopeia	6.4	01:19:33	58:17:42		
559	C8	Open Cluster	Cassiopeia	9.5	01:29:31	63:18:06		
637		Open Cluster	Cassiopeia	8.2	01:43:03	64:02:12		
654		Open Cluster	Cassiopeia	6.5	01:43:59	61:52:58		
659		Open Cluster	Cassiopeia	7.9	01:44:24	60:40:12		
663	C10	Open Cluster	Cassiopeia	7.1	01:46:17	61:13:06		
1027	IC 1824	Open Cluster	Cassiopeia	6.7	02:42:36	61:35:42		
7789		Open Cluster	Cassiopeia	6.7	23:57:29	56:42:52		
7790		Open Cluster	Cassiopeia	8.5	23:58:24	61:12:30		
40	C2	Planetary Nebula	Cepheus	12.3	00:13:01	72:31:21		
6939		Open Cluster	Cepheus	-	18:30:58	-13:10:14		
6946	Fireworks Galaxy, C12	Galaxy	Cepheus	8.8	20:34:52	60:09:12		
7142		Open Cluster	Cepheus	9.3	21:45:09	65:46:28		
7160		Open Cluster	Cepheus	6.1	21:53:40	62:36:12		
7380		Cluster with Nebulosity	Cepheus	7.2	22:47:21	58:07:54		
7510		Open Cluster	Cepheus	7.9	23:11:04	60:34:08		
157		Galaxy	Cetus	10.4	00:34:46	-08:23:46		
246	C56	Planetary Nebula	Cetus	10.9	00:47:03	-11:52:17		
247	C62	Galaxy	Cetus	9.1	00:47:08	-20:45:36		

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NGC Number	Other Name	Type	Constellation	Magnitude	RA	Dec	Observed?	Imaged?
584	IC 1712	Galaxy	Cetus	10.5	01:31:20	-06:52:02		
596		Galaxy	Cetus	10.9	01:32:52	-07:01:55		
615		Galaxy	Cetus	11.6	01:35:06	-07:20:25		
720		Galaxy	Cetus	10.2	01:53:00	-13:44:19		
779		Galaxy	Cetus	11.2	01:59:43	-05:57:51		
908		Galaxy	Cetus	10.2	02:23:05	-21:14:00		
936		Galaxy	Cetus	10.2	02:27:38	-01:09:23		
1022		Galaxy	Cetus	11.3	02:38:33	-06:40:39		
1052		Galaxy	Cetus	10.5	02:41:05	-08:15:17		
1055		Galaxy	Cetus	10.6	02:41:45	00:26:34		
4147		Globular Cluster	Coma Berenices	10.4	12:10:06	18:32:33		
4150		Galaxy	Coma Berenices	11.6	12:10:34	30:24:07		
4203		Galaxy	Coma Berenices	10.9	12:15:05	33:11:51		
4245		Galaxy	Coma Berenices	11.4	12:17:37	29:36:27		
4251		Galaxy	Coma Berenices	10.7	12:18:08	28:10:31		
4274		Galaxy	Coma Berenices	10.4	12:19:51	29:36:49		
4278		Galaxy	Coma Berenices	10.2	12:20:07	29:16:49		
4293		Galaxy	Coma Berenices	10.4	12:21:13	18:22:58		
4314		Galaxy	Coma Berenices	10.6	12:22:32	29:53:45		
4350		Galaxy	Coma Berenices	11.0	12:23:58	16:41:36		
4394		Galaxy	Coma Berenices	10.9	12:25:56	18:12:51		
4414		Galaxy	Coma Berenices	10.1	12:26:27	31:13:25		
4419		Galaxy	Coma Berenices	11.2	12:26:56	15:02:52		
4448		Galaxy	Coma Berenices	11.1	12:28:16	28:37:17		
4450		Galaxy	Coma Berenices	10.1	12:28:29	17:05:03		
4459		Galaxy	Coma Berenices	10.4	12:29:00	13:58:43		
4473	Markarian Chain	Galaxy	Coma Berenices	10.2	12:29:49	13:25:47		
4477	Markarian Chain	Galaxy	Coma Berenices	10.4	12:30:02	13:38:13		
4494		Galaxy	Coma Berenices	9.8	12:31:24	25:46:31		
4548	M91	Galaxy	Coma Berenices	10.2	12:35:26	14:29:47		
4559	C36	Galaxy	Coma Berenices	10.0	12:35:58	27:57:35		
4565	C38	Galaxy	Coma Berenices	9.6	12:36:20	25:59:16		
4689		Galaxy	Coma Berenices	11.0	12:47:46	13:45:44		
4725		Galaxy	Coma Berenices	9.4	12:50:27	25:30:00		
4027		Galaxy	Corvus	11.1	11:59:30	-19:15:57		
4038	The Antennae, C60	Galaxy	Corvus	10.3	12:01:53	-18:51:52		
4361		Planetary Nebula	Corvus	10.9	12:24:31	-18:47:03		
3962		Galaxy	Crater	10.7	11:54:40	-13:58:29		
6826	Blinking Planetary Nebula, C15	Planetary Nebula	Cygnus	8.8	19:44:48	50:31:32		
6834		Open Cluster	Cygnus	7.8	19:52:12	29:24:29		
6866		Open Cluster	Cygnus	7.6	20:03:55	44:09:33		
6910		Open Cluster	Cygnus	7.4	20:23:12	40:46:43		
7000	North America Nebula, C20	Nebula	Cygnus	5.0	20:59:18	44:31:00		
7008		Planetary Nebula	Cygnus	10.7	21:00:33	54:32:38		
7044		Open Cluster	Cygnus	12.0	21:13:09	42:29:46		
7062		Open Cluster	Cygnus	8.3	21:23:27	46:22:43		
7086		Open Cluster	Cygnus	8.4	21:30:27	51:36:02		
7128		Open Cluster	Cygnus	9.7	21:43:58	53:42:55		
6905	Blue Flash Nebula	Planetary Nebula	Delphinus	11.1	20:22:23	20:06:18		
6934	C47	Globular Cluster	Delphinus	8.9	20:34:12	07:24:17		
7006	C42	Globular Cluster	Delphinus	10.6	21:01:29	16:11:17		
3147		Galaxy	Draco	10.6	10:16:53	73:24:01		
5866	M102	Galaxy	Draco	9.9	15:06:29	55:45:49		
5907		Galaxy	Draco	10.3	15:15:54	56:19:49		
5982		Galaxy	Draco	11.1	15:38:40	59:21:22		
6543	Cat Eye Nebula, C6	Planetary Nebula	Draco	8.1	17:58:33	66:38:01		
1084		Galaxy	Eridanus	10.7	02:46:00	-07:34:40		
1407		Galaxy	Eridanus	9.7	03:40:12	-18:34:49		
1535		Planetary Nebula	Eridanus	9.6	04:14:16	-12:44:20		
2129		Open Cluster	Gemini	6.7	06:01:06	23:19:04		
2158		Open Cluster	Gemini	8.6	06:07:26	24:05:46		
2266		Open Cluster	Gemini	9.5	06:43:19	26:58:10		
2304		Open Cluster	Gemini	10.0	06:55:12	17:59:19		
2355		Open Cluster	Gemini	9.7	07:16:59	13:45:00		
2371		Planetary Nebula	Gemini	11.2	07:25:34	29:29:18		
2372		Planetary Nebula	Gemini	11.2	07:25:34	29:29:18		
2392	Eskimo Nebula, C39	Planetary Nebula	Gemini	9.1	07:29:11	20:54:45		
2395		Open Cluster	Gemini	8.0	07:27:13	13:36:30		
2420		Open Cluster	Gemini	8.3	07:38:24	21:34:27		
6207		Galaxy	Hercules	11.6	16:43:04	36:49:55		
6229		Globular Cluster	Hercules	9.4	16:46:59	47:31:42		
2548	M48	Open Cluster	Hydra	5.8	08:13:43	-05:45:02		
2811		Galaxy	Hydra	11.3	09:16:11	-16:18:45		
3242	Ghost of Jupiter, C59	Planetary Nebula	Hydra	7.7	10:24:46	-18:38:31		
3621		Galaxy	Hydra	9.7	11:18:16	-32:48:40		
5694	C66	Globular Cluster	Hydra	10.2	14:39:36	-26:32:16		
7209		Open Cluster	Lacerta	7.7	22:05:08	46:29:00		
7243	C16	Open Cluster	Lacerta	6.4	22:15:08	49:53:51		

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NGC Number	Other Name	Type	Constellation	Magnitude	RA	Dec	Observed?	Imaged?
7296		Open Cluster	Lacerta	-	22:28:02	52:17:18		
2903		Galaxy	Leo Major	9.0	09:32:10	21:29:57		
2950		Galaxy	Leo Major	9.0	09:32:10	21:29:57		
2964		Galaxy	Leo Major	11.3	09:42:54	31:50:49		
3190		Galaxy	Leo Major	11.2	10:18:06	21:49:58		
3193		Galaxy	Leo Major	10.9	10:18:25	21:53:38		
3226		Galaxy	Leo Major	11.4	10:23:27	19:53:51		
3227		Galaxy	Leo Major	10.3	10:23:30	19:51:55		
3377		Galaxy	Leo Major	10.4	10:47:42	13:59:09		
3379	M105	Galaxy	Leo Major	9.3	10:47:49	12:34:52		
3384		Galaxy	Leo Major	9.9	10:48:17	12:37:43		
3412		Galaxy	Leo Major	10.5	10:50:53	13:24:46		
3489		Galaxy	Leo Major	10.3	11:00:18	13:54:03		
3521		Galaxy	Leo Major	9.0	11:05:49	-00:02:13		
3593		Galaxy	Leo Major	10.9	11:14:37	12:49:06		
3607		Galaxy	Leo Major	9.9	11:16:55	18:03:08		
3608		Galaxy	Leo Major	10.8	11:16:59	18:08:53		
3626	C40	Galaxy	Leo Major	11.0	11:20:04	18:21:24		
3628		Galaxy	Leo Major	9.5	11:20:17	13:35:24		
3640		Galaxy	Leo Major	10.4	11:21:07	03:14:05		
3655		Galaxy	Leo Major	11.7	11:22:55	16:35:23		
3686		Galaxy	Leo Major	11.3	11:27:44	17:13:24		
3810		Galaxy	Leo Major	10.8	11:40:59	11:28:13		
3900		Galaxy	Leo Major	11.4	11:49:09	27:01:18		
3912		Galaxy	Leo Major	12.4	11:50:04	26:28:49		
2859		Galaxy	Leo Minor	10.9	09:24:19	34:30:48		
3245		Galaxy	Leo Minor	10.8	10:27:18	28:30:28		
3277		Galaxy	Leo Minor	11.7	10:32:55	28:30:44		
3294		Galaxy	Leo Minor	11.8	10:36:16	37:19:29		
3344		Galaxy	Leo Minor	9.9	10:43:31	24:55:22		
3395	IC 2613	Galaxy	Leo Minor	12.1	10:49:50	32:58:53		
3414		Galaxy	Leo Minor	11.0	10:51:16	27:58:30		
3432		Galaxy	Leo Minor	11.3	10:52:31	36:37:08		
3486		Galaxy	Leo Minor	10.5	11:00:24	28:58:32		
3504		Galaxy	Leo Minor	11.1	11:03:11	27:58:23		
1964		Galaxy	Lepus	10.8	05:33:22	-21:56:43		
5897		Globular Cluster	Libra	8.4	15:17:25	-21:00:35		
2419	Intergalactic Wanderer, C25	Globular Cluster	Lynx	10.3	07:38:08	38:52:57		
2683		Galaxy	Lynx	9.8	08:52:41	33:25:12		
2782		Galaxy	Lynx	11.6	09:14:05	40:06:49		
2185		Nebula	Monoceros	-	06:11:00	-06:13:36		
2215		Open Cluster	Monoceros	8.4	06:20:49	-07:17:02		
2232		Open Cluster	Monoceros	4.2	06:27:15	-04:45:30		
2244	C50	Open Cluster	Monoceros	4.8	06:32:19	04:51:24		
2251		Open Cluster	Monoceros	7.3	06:34:38	08:21:59		
2264	Christmas Tree Cluster	Cluster with Nebulosity	Monoceros	4.1	06:40:58	09:53:44		
2286		Open Cluster	Monoceros	7.5	06:47:40	-03:08:52		
2301		Open Cluster	Monoceros	6.0	06:51:45	00:27:33		
2311		Open Cluster	Monoceros	9.6	06:57:47	-04:36:41		
2324		Open Cluster	Monoceros	8.4	07:04:08	01:02:41		
2335		Open Cluster	Monoceros	7.2	07:06:49	-10:01:43		
2343		Open Cluster	Monoceros	6.7	07:08:07	-10:37:00		
2353		Open Cluster	Monoceros	7.1	07:14:30	-10:15:57		
2506	C54	Open Cluster	Monoceros	7.6	08:00:02	-10:46:11		
6171	M107	Globular Cluster	Ophiuchus	7.8	16:32:32	-13:03:11		
6235		Globular Cluster	Ophiuchus	8.9	16:53:25	-22:10:36		
6284		Globular Cluster	Ophiuchus	8.9	17:04:29	-24:45:51		
6287		Globular Cluster	Ophiuchus	9.3	17:05:09	-22:42:27		
6293		Globular Cluster	Ophiuchus	8.3	17:10:10	-26:34:52		
6304		Globular Cluster	Ophiuchus	8.3	17:14:32	-29:27:42		
6316		Globular Cluster	Ophiuchus	8.1	17:16:37	-28:08:22		
6342		Globular Cluster	Ophiuchus	9.5	17:21:10	-19:35:12		
6355		Globular Cluster	Ophiuchus	8.6	17:23:59	-26:21:11		
6356		Globular Cluster	Ophiuchus	8.2	17:23:35	-17:48:45		
6369		Planetary Nebula	Ophiuchus	11.4	17:29:20	-23:45:33		
6401		Globular Cluster	Ophiuchus	7.4	17:38:37	-23:54:30		
6426		Globular Cluster	Ophiuchus	10.9	17:44:55	03:10:15		
6517		Globular Cluster	Ophiuchus	10.1	18:01:51	-08:57:30		
6633		Open Cluster	Ophiuchus	4.6	18:27:15	06:30:30		
1788		Nebula	Orion	-	05:06:53	-03:20:28		
1980	ι Orionis Nebula	Nebula	Orion	-	05:35:25	-05:54:54		
1999		Nebula	Orion	-	05:36:25	-06:42:57		
2022		Planetary Nebula	Orion	11.6	05:42:06	09:05:12		
2024	Flame Nebula	Nebula	Orion	-	05:41:42	-01:51:24		
2169		Open Cluster	Orion	5.9	06:08:24	13:57:53		
2186		Open Cluster	Orion	8.7	06:12:07	05:27:31		
2194		Open Cluster	Orion	8.5	06:13:46	12:48:24		
7217		Galaxy	Pegasus	10.1	22:07:52	31:21:34		

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NGC Number	Other Name	Type	Constellation	Magnitude	RA	Dec	Observed?	Imaged?
7331	C30	Galaxy	Pegasus	9.5	22:37:05	34:25:13		
7448		Galaxy	Pegasus	11.7	23:00:04	15:58:48		
7479	C44	Galaxy	Pegasus	10.9	23:04:57	12:19:20		
7814	C43	Galaxy	Pegasus	10.6	00:03:15	16:08:43		
651	Little Dumbbell Nebula, M76	Planetary Nebula	Perseus	10.1	01:42:22	51:34:50		
869	Double Cluster, Chi Perseus	Open Cluster	Perseus	5.3	02:19:04	57:08:06		
884	Double Cluster, Chi Perseus, C14	Open Cluster	Perseus	6.1	02:22:05	57:07:48		
1023		Galaxy	Perseus	9.4	02:40:24	39:03:48		
1245		Open Cluster	Perseus	8.4	03:14:41	47:14:19		
1342		Open Cluster	Perseus	6.7	03:31:38	37:22:36		
1444		Open Cluster	Perseus	6.6	03:49:25	52:39:18		
1513		Open Cluster	Perseus	8.4	04:09:57	49:30:54		
1528		Open Cluster	Perseus	6.4	04:15:19	51:12:42		
1545		Open Cluster	Perseus	6.2	04:20:56	50:15:19		
488		Galaxy	Pisces	10.3	01:21:47	05:15:21		
524		Galaxy	Pisces	10.2	01:24:48	09:32:19		
2421		Open Cluster	Puppis	8.3	07:36:12	-20:36:42		
2422	M47	Open Cluster	Puppis	4.4	07:36:35	-14:28:47		
2423		Open Cluster	Puppis	6.7	07:37:07	-13:52:17		
2438		Planetary Nebula	Puppis	10.8	07:41:51	-14:44:05		
2440		Planetary Nebula	Puppis	9.4	07:41:55	-18:12:29		
2479		Open Cluster	Puppis	9.6	07:55:06	-17:42:28		
2482		Open Cluster	Puppis	7.3	07:55:12	-24:15:30		
2489		Open Cluster	Puppis	7.9	07:56:16	-30:03:51		
2509		Open Cluster	Puppis	9.3	08:00:48	-19:03:02		
2527		Open Cluster	Puppis	6.5	08:04:58	-28:08:46		
2539		Open Cluster	Puppis	6.5	08:10:37	-12:49:14		
2567		Open Cluster	Puppis	7.4	08:18:32	-30:38:24		
2571		Open Cluster	Puppis	7.0	08:18:56	-29:44:57		
2613		Galaxy	Pyxis	10.3	08:33:23	-22:58:22		
2627		Open Cluster	Pyxis	8.4	08:37:15	-29:57:18		
6440		Globular Cluster	Sagittarius	9.3	17:48:53	-20:21:32		
6445		Planetary Nebula	Sagittarius	11.2	17:49:15	-20:00:32		
6514	Trifid Nebula, M20	Cluster with Nebulosity	Sagittarius	8.5	18:03:26	-22:59:27		
6520		Open Cluster	Sagittarius	7.6	18:03:25	-27:53:28		
6522		Globular Cluster	Sagittarius	9.9	18:03:34	-30:02:00		
6528		Globular Cluster	Sagittarius	9.6	18:04:50	-30:03:19		
6540		Open Cluster	Sagittarius	9.3	18:06:09	-27:45:53		
6544		Globular Cluster	Sagittarius	7.5	18:07:21	-24:59:49		
6553		Globular Cluster	Sagittarius	8.3	18:09:16	-25:54:26		
6568		Open Cluster	Sagittarius	8.6	18:12:44	-21:35:00		
6569		Globular Cluster	Sagittarius	8.4	18:13:39	-31:49:33		
6583		Open Cluster	Sagittarius	10.0	18:15:49	-22:08:15		
6624		Globular Cluster	Sagittarius	7.6	18:23:40	-30:21:38		
6629		Planetary Nebula	Sagittarius	11.3	18:25:42	-23:12:08		
6638		Globular Cluster	Sagittarius	9.2	18:30:56	-25:29:45		
6642		Globular Cluster	Sagittarius	8.9	18:31:54	-23:28:33		
6645		Open Cluster	Sagittarius	8.5	18:32:38	-16:53:02		
6818	Little Gem	Planetary Nebula	Sagittarius	9.3	19:43:58	-14:09:09		
6144	IC 4606	Globular Cluster	Scorpius	9.0	16:27:14	-26:01:27		
6451		Open Cluster	Scorpius	8.2	17:50:40	-30:12:42		
253	Sculptor Galaxy, Silver Dollar Galaxy, C65	Galaxy	Sculptor	7.2	00:47:33	-25:17:15		
288		Globular Cluster	Sculptor	8.1	00:52:45	-26:35:51		
613		Galaxy	Sculptor	10.1	01:34:18	-29:25:07		
6664		Open Cluster	Scutum	7.8	18:36:31	-08:11:15		
6712		Globular Cluster	Scutum	8.1	18:53:04	-08:42:20		
6118		Galaxy	Serpens	11.7	16:21:49	-02:17:01		
2974		Galaxy	Sextans	10.9	09:42:33	-03:41:57		
3115	Spindle Galaxy, C53	Galaxy	Sextans	8.9	10:05:14	-07:43:05		
3166		Galaxy	Sextans	10.4	10:13:45	03:25:33		
3169		Galaxy	Sextans	10.2	10:14:15	03:28:01		
1647		Open Cluster	Taurus	6.4	04:45:42	19:07:09		
1817		Open Cluster	Taurus	7.7	05:12:27	16:41:00		
598	Triangulum Galaxy, M33	Galaxy	Triangulum	5.7	01:33:52	30:39:29		
2681		Galaxy	Ursa Major	10.3	08:53:32	51:18:47		
2742		Galaxy	Ursa Major	11.4	09:07:33	60:28:46		
2768		Galaxy	Ursa Major	9.9	09:11:37	60:02:11		
2787		Galaxy	Ursa Major	10.7	09:19:18	69:12:13		
2841		Galaxy	Ursa Major	9.2	09:22:02	50:58:35		
2976		Galaxy	Ursa Major	10.2	09:47:15	67:55:03		
2985		Galaxy	Ursa Major	10.4	09:50:21	72:16:43		
3034	M82, Cigar Galaxy	Galaxy	Ursa Major	8.4	09:55:54	69:40:59		
3077		Galaxy	Ursa Major	9.9	10:03:20	68:44:06		
3079		Galaxy	Ursa Major	10.9	10:01:58	55:40:53		
3184		Galaxy	Ursa Major	9.8	10:18:17	41:25:24		
3198		Galaxy	Ursa Major	10.3	10:19:55	45:33:00		
3310		Galaxy	Ursa Major	10.8	10:38:46	53:30:12		
3556	M108	Galaxy	Ursa Major	10.0	11:11:29	55:40:22		

THE HERSCHEL 400 CHALLENGE

NGC Number	Other Name	Type	Constellation	Magnitude	RA	Dec	Observed?	Imaged?
3610		Galaxy	Ursa Major	10.8	11:18:25	58:47:12		
3613		Galaxy	Ursa Major	10.9	11:18:36	58:00:02		
3619		Galaxy	Ursa Major	11.5	11:19:21	57:45:30		
3631		Galaxy	Ursa Major	10.4	11:21:03	53:10:11		
3665		Galaxy	Ursa Major	10.8	11:24:44	38:45:47		
3675		Galaxy	Ursa Major	10.2	11:26:08	43:35:11		
3726		Galaxy	Ursa Major	10.4	11:33:21	47:01:40		
3729		Galaxy	Ursa Major	11.4	11:33:49	53:07:35		
3813		Galaxy	Ursa Major	11.7	11:41:19	36:32:48		
3877		Galaxy	Ursa Major	11.0	11:46:07	47:29:40		
3893		Galaxy	Ursa Major	10.5	11:48:38	48:42:41		
3898		Galaxy	Ursa Major	10.7	11:49:15	56:05:05		
3938		Galaxy	Ursa Major	10.4	11:52:49	44:07:17		
3941		Galaxy	Ursa Major	10.3	11:52:55	36:59:13		
3945		Galaxy	Ursa Major	10.9	11:53:13	60:40:31		
3949		Galaxy	Ursa Major	11.1	11:53:41	47:51:36		
3953		Galaxy	Ursa Major	10.1	11:53:48	52:19:30		
3982		Galaxy	Ursa Major	11.0	11:56:28	55:07:30		
3992	M109	Galaxy	Ursa Major	9.8	11:57:35	53:22:25		
3998		Galaxy	Ursa Major	10.7	11:57:56	55:27:14		
4026		Galaxy	Ursa Major	10.8	11:59:25	50:57:43		
4036		Galaxy	Ursa Major	10.7	12:01:27	61:53:46		
4041		Galaxy	Ursa Major	11.3	12:02:12	62:08:13		
4051		Galaxy	Ursa Major	10.2	12:03:10	44:31:55		
4085		Galaxy	Ursa Major	12.4	12:05:22	50:21:12		
4088		Galaxy	Ursa Major	10.6	12:05:35	50:32:26		
4102		Galaxy	Ursa Major	11.2	12:06:23	52:42:39		
5322		Galaxy	Ursa Major	10.2	13:49:15	60:11:25		
5473		Galaxy	Ursa Major	11.5	14:04:43	54:53:36		
5474		Galaxy	Ursa Major	10.8	14:05:01	53:39:46		
5631		Galaxy	Ursa Major	11.5	14:26:33	56:34:59		
6217		Galaxy	Ursa Minor	11.2	16:32:39	78:11:57		
4030		Galaxy	Virgo	10.6	12:00:23	-01:06:02		
4179		Galaxy	Virgo	11.0	12:12:52	01:17:59		
4216		Galaxy	Virgo	10.0	12:15:54	13:08:52		
4261		Galaxy	Virgo	10.4	12:19:23	05:49:28		
4273		Galaxy	Virgo	11.9	12:19:56	05:20:37		
4281		Galaxy	Virgo	11.3	12:20:22	05:23:11		
4303	M61	Galaxy	Virgo	9.7	12:21:55	04:28:22		
4365		Galaxy	Virgo	9.6	12:24:28	07:19:03		
4371		Galaxy	Virgo	10.8	12:24:55	11:42:15		
4429		Galaxy	Virgo	10.0	12:27:26	11:06:27		
4435	The Eyes, Markarian Chain	Galaxy	Virgo	10.8	12:27:40	13:04:47		
4438	The Eyes, Markarian Chain	Galaxy	Virgo	10.2	12:27:46	13:00:31		
4442		Galaxy	Virgo	10.4	12:28:04	09:48:14		
4478		Galaxy	Virgo	11.5	12:30:17	12:19:43		
4526		Galaxy	Virgo	9.3	12:34:03	07:41:56		
4527		Galaxy	Virgo	10.5	12:34:09	02:39:12		
4535		Galaxy	Virgo	10.0	12:34:20	08:11:51		
4536		Galaxy	Virgo	10.6	12:34:27	02:11:14		
4546		Galaxy	Virgo	10.3	12:35:29	-03:47:35		
4550		Galaxy	Virgo	11.7	12:35:31	12:13:15		
4570		Galaxy	Virgo	10.9	12:36:53	07:14:49		
4594	Sombrero Galaxy, M104	Galaxy	Virgo	8.0	12:39:59	-11:37:21		
4596		Galaxy	Virgo	10.4	12:39:56	10:10:35		
4636		Galaxy	Virgo	9.5	12:42:50	02:41:14		
4643		Galaxy	Virgo	10.8	12:43:20	01:58:41		
4654		Galaxy	Virgo	10.5	12:43:56	13:07:35		
4660		Galaxy	Virgo	11.2	12:44:32	11:11:26		
4665		Galaxy	Virgo	10.5	12:45:06	03:03:19		
4666		Galaxy	Virgo	10.7	12:45:08	-00:27:46		
4697	C52	Galaxy	Virgo	9.2	12:48:36	-05:48:00		
4698		Galaxy	Virgo	10.6	12:48:23	08:29:18		
4699		Galaxy	Virgo	9.5	12:49:02	-08:39:50		
4753		Galaxy	Virgo	10.0	12:52:22	-01:12:00		
4754		Galaxy	Virgo	10.6	12:52:18	11:18:50		
4762		Galaxy	Virgo	10.3	12:52:56	11:13:50		
4781		Galaxy	Virgo	11.1	12:54:24	-10:32:10		
4845		Galaxy	Virgo	11.2	12:58:01	01:34:32		
4856		Galaxy	Virgo	10.5	12:59:21	-15:02:32		
4866		Galaxy	Virgo	11.2	12:59:27	14:10:17		
4900		Galaxy	Virgo	11.4	13:00:39	02:30:04		
4958		Galaxy	Virgo	10.7	13:05:49	-08:01:12		
4995		Galaxy	Virgo	11.1	13:09:41	-07:49:59		
5054		Galaxy	Virgo	10.9	13:16:58	-16:38:05		
5363		Galaxy	Virgo	10.1	13:56:07	05:15:14		
5364		Galaxy	Virgo	10.5	13:56:12	05:00:56		
5566		Galaxy	Virgo	10.6	14:20:20	03:55:59		

THE HERSCHEL 400 CHALLENGE

NGC Number	Other Name	Type	Constellation	Magnitude	RA	Dec	Observed?	Imaged?
5576		Galaxy	Virgo	11.0	14:21:04	03:16:17		
5634		Globular Cluster	Virgo	9.5	14:29:37	-05:58:33		
5746		Galaxy	Virgo	10.3	14:44:56	01:57:22		
5846		Galaxy	Virgo	10.0	15:06:29	01:36:19		
6802		Open Cluster	Vulpecula	8.8	19:30:36	20:15:42		
6823		Open Cluster	Vulpecula	7.1	19:43:10	23:18:00		
6830		Open Cluster	Vulpecula	7.9	19:51:00	23:06:00		
6882		Open Cluster	Vulpecula	8.1	20:11:58	26:29:00		
6885	C37	Open Cluster	Vulpecula	8.1	20:11:58	26:29:00		
6940		Open Cluster	Vulpecula	6.3	20:34:32	28:16:49		