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Magnitude scale: • -5.0 • -4.0 • -3.0 • -2.0 • -1.0 ● 0.0 ● -1.0 ● -2.0

Ecliptic Plane

Galaxy ● Bright nebula ○ Open cluster ⬤ Globular cluster ◆ Planetary nebula

Date	Magnitude
2011 Oct 3	18.3
2011 Oct 13	17.3
2011 Oct 22	16.3
2011 Oct 30	15.2
2011 Nov 1	14.9
2011 Nov 6	14.1
2011 Nov 12	13.0
2011 Nov 17	12.0
2011 Nov 22	10.9
2011 Nov 26	9.9
2011 Nov 30	8.8
2011 Dec 4	7.5
2011 Dec 7	6.4
2011 Dec 10	5.1
2011 Dec 12	4.0
2011 Dec 14	2.5
2011 Dec 16	0.3
2011 Dec 17	-1.3
2011 Dec 18	-3.9
2011 Dec 19	-9.7
2011 Dec 22	-1.3
2011 Dec 23	0.3
2011 Dec 24	1.5
2011 Dec 26	3.3
2011 Dec 28	4.5
2011 Dec 31	5.8
2012 Jan 1	6.1
2012 Jan 4	7.1
2012 Jan 8	8.1
2012 Jan 13	9.2
2012 Jan 18	10.4
2012 Jan 23	11.5
2012 Jan 28	12.5
2012 Feb 3	13.6
2012 Feb 10	14.7
2012 Feb 17	15.7
2012 Feb 25	16.7
2012 Mar 1	17.3
2012 Mar 6	17.8
2012 Mar 17	18.9