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Magnitude scale: • 6.0 • 5.0 • 4.0 • 3.0 • 2.0 ● 1.0 ● 0.0

— Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster Planetary nebula

Date	Mag
2019 Jul 1	13.0
2019 Jul 25	12.1
2019 Aug 17	11.0
2019 Sep 1	10.2
2019 Sep 4	10.0
2019 Sep 20	9.0
2019 Oct 15	10.0
2019 Oct 28	11.1
2019 Nov 1	11.4
2019 Nov 12	12.1
2019 Nov 30	13.1
2019 Dec 22	14.1