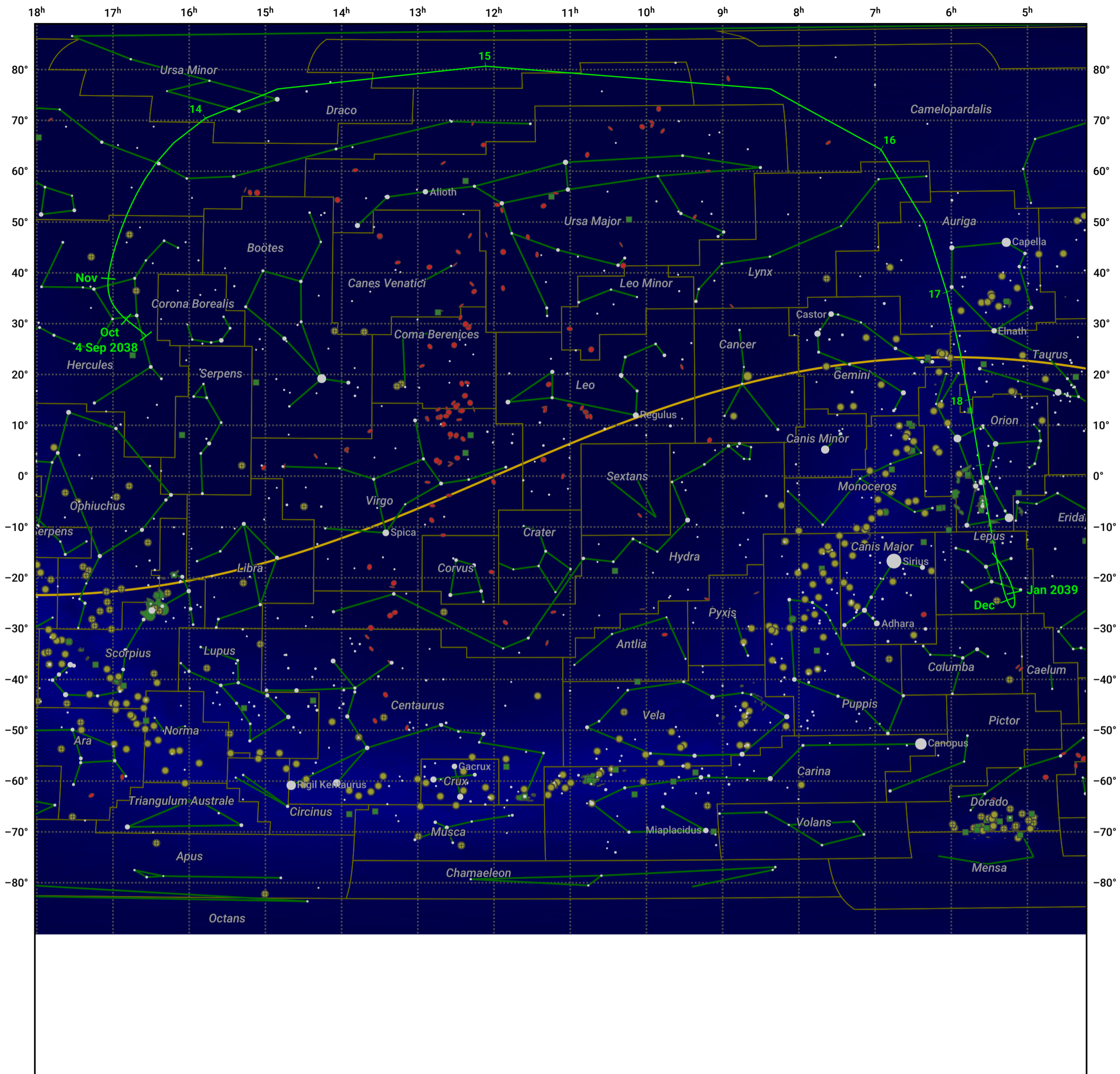


The path of Asteroid 159857 2004 LJ1 around opposition on 18 Nov 2038



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Magnitude scale: \bullet 5.0 \bullet 4.0 \bullet 3.0 \bullet 2.0 \bullet 1.0 \bullet 0.0 \bullet -1.0 \bullet -2.0

— Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster

Date	Mag	Phase
2038 Oct 1	16.4	55%
2038 Oct 25	15.7	39%
2038 Nov 1	15.2	36%
2038 Nov 5	14.7	35%
2038 Nov 10	13.4	36%
2038 Nov 13	11.8	44%
2038 Nov 15	9.9	61%
2038 Nov 16	8.9	77%
2038 Nov 20	10.1	90%
2038 Nov 23	11.3	88%
2038 Nov 27	12.4	87%
2038 Dec 1	13.1	87%
2038 Dec 3	13.4	87%
2038 Dec 12	14.4	89%
2038 Dec 25	15.5	90%
2039 Jan 1	15.9	91%
2039 Jan 11	16.5	92%