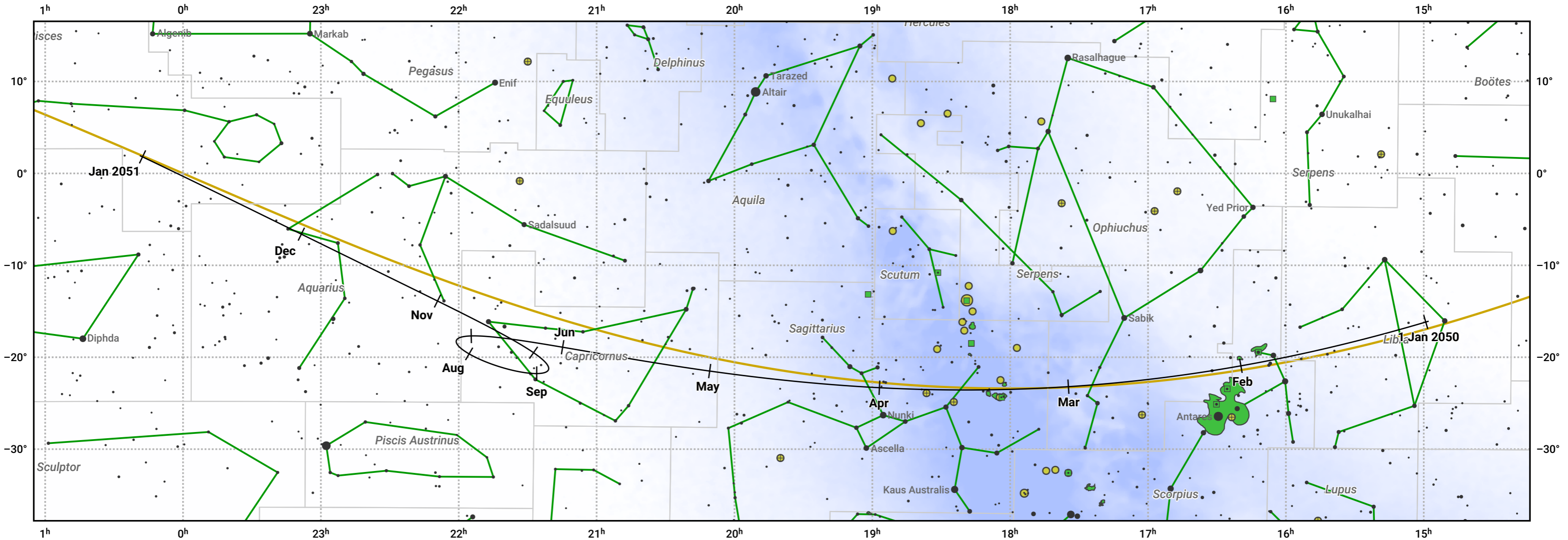


# The path of Mars in 2050



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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

Date	Mag	Phase	Angular size
2050 Jan 1	1.5	94%	4.7"
2050 Mar 27	0.5	88%	7.6"
2050 Apr 1	0.4	88%	7.9"
2050 May 16	-0.5	87%	11.6"
2050 Jun 23	-1.5	91%	17.1"
2050 Jul 1	-1.8	93%	18.6"
2050 Jul 27	-2.5	98%	23.4"
2050 Oct 1	-1.8	92%	18.5"
2050 Oct 10	-1.5	90%	16.9"
2050 Nov 19	-0.5	87%	11.4"
2051 Jan 1	0.3	87%	8.0"