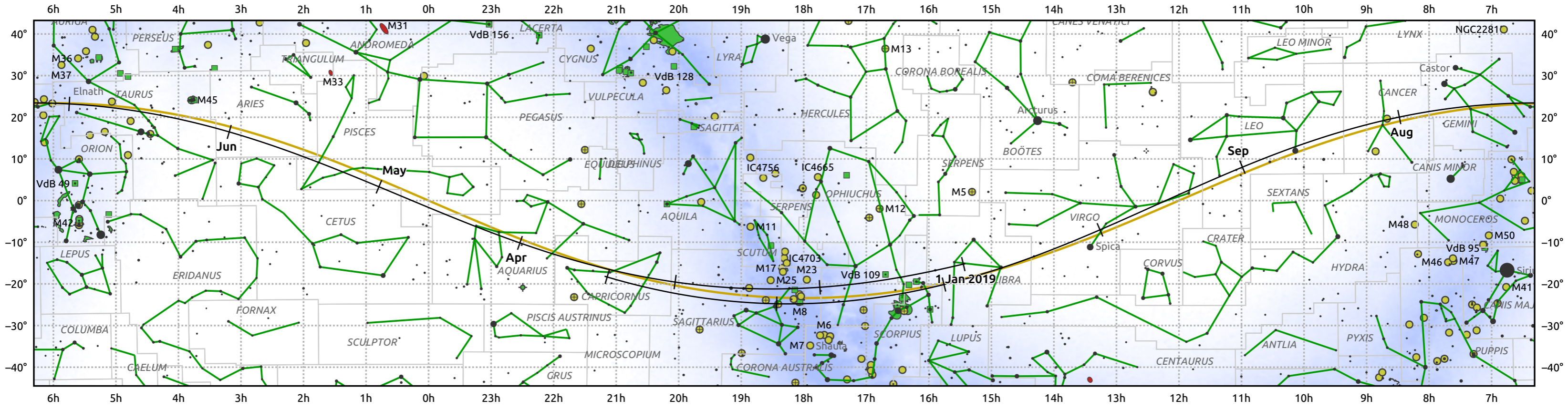


# The path of Venus in 2019



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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	Mag	Phase	Angular size
2019 Jan 1	-4.5	47%	26.3"
2019 Apr 1	-4.0	81%	13.1"
2019 Jul 1	-3.9	98%	9.9"
2019 Oct 1	-3.9	98%	10.0"
2020 Jan 1	-4.0	82%	13.1"