

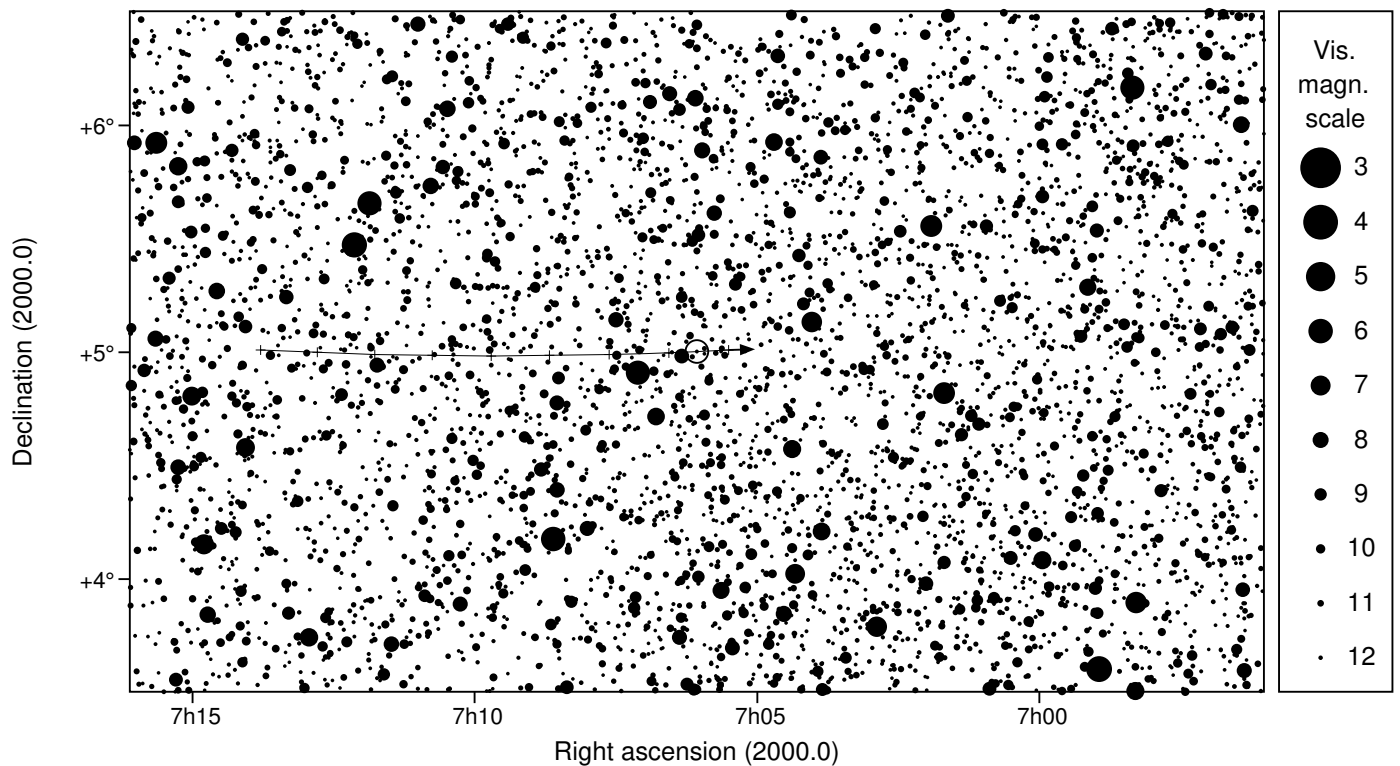
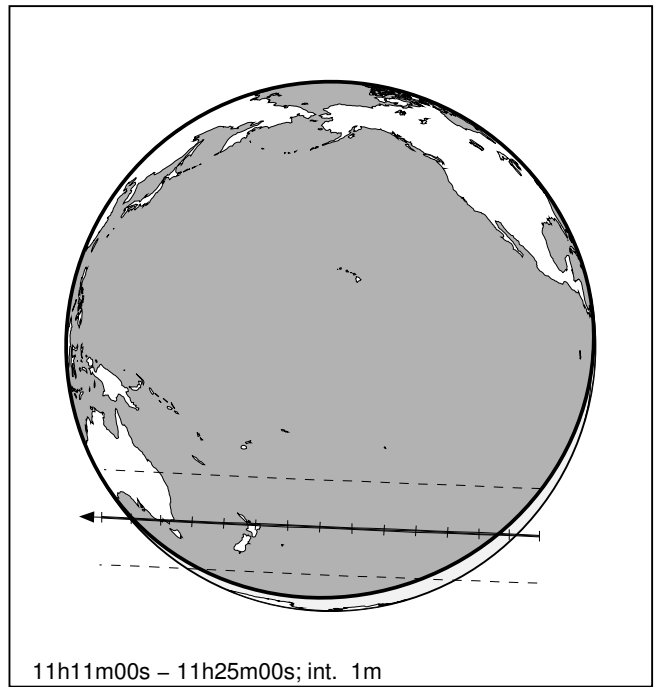
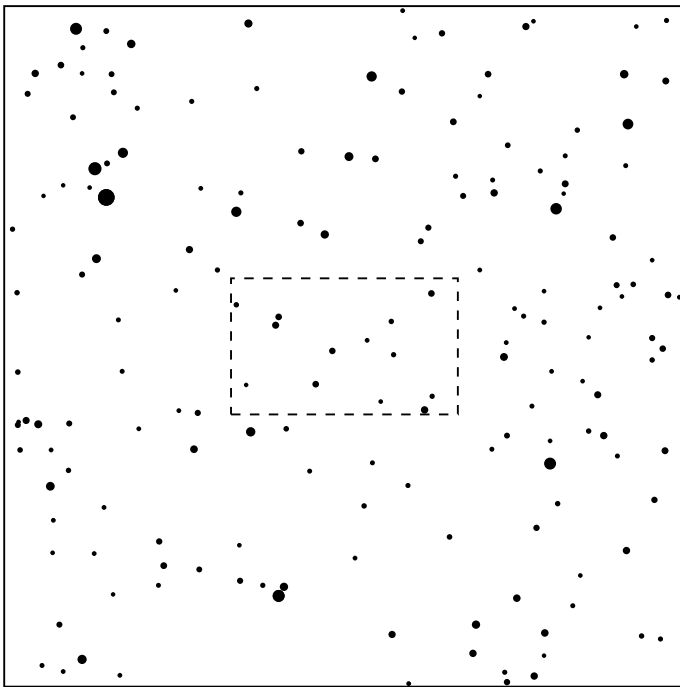
219 Thusnelda & PPMX 8141327

2025 dec 30 11^h17.9^m U.T.

Planet: $a = 2.35$, $e = 0.22$
 V. mag. = 12.85 Diam. = 43.6 km = 0.04"
 $\mu = 39.65''/h$ $\pi = 5.59''$ Ref. = EG2023

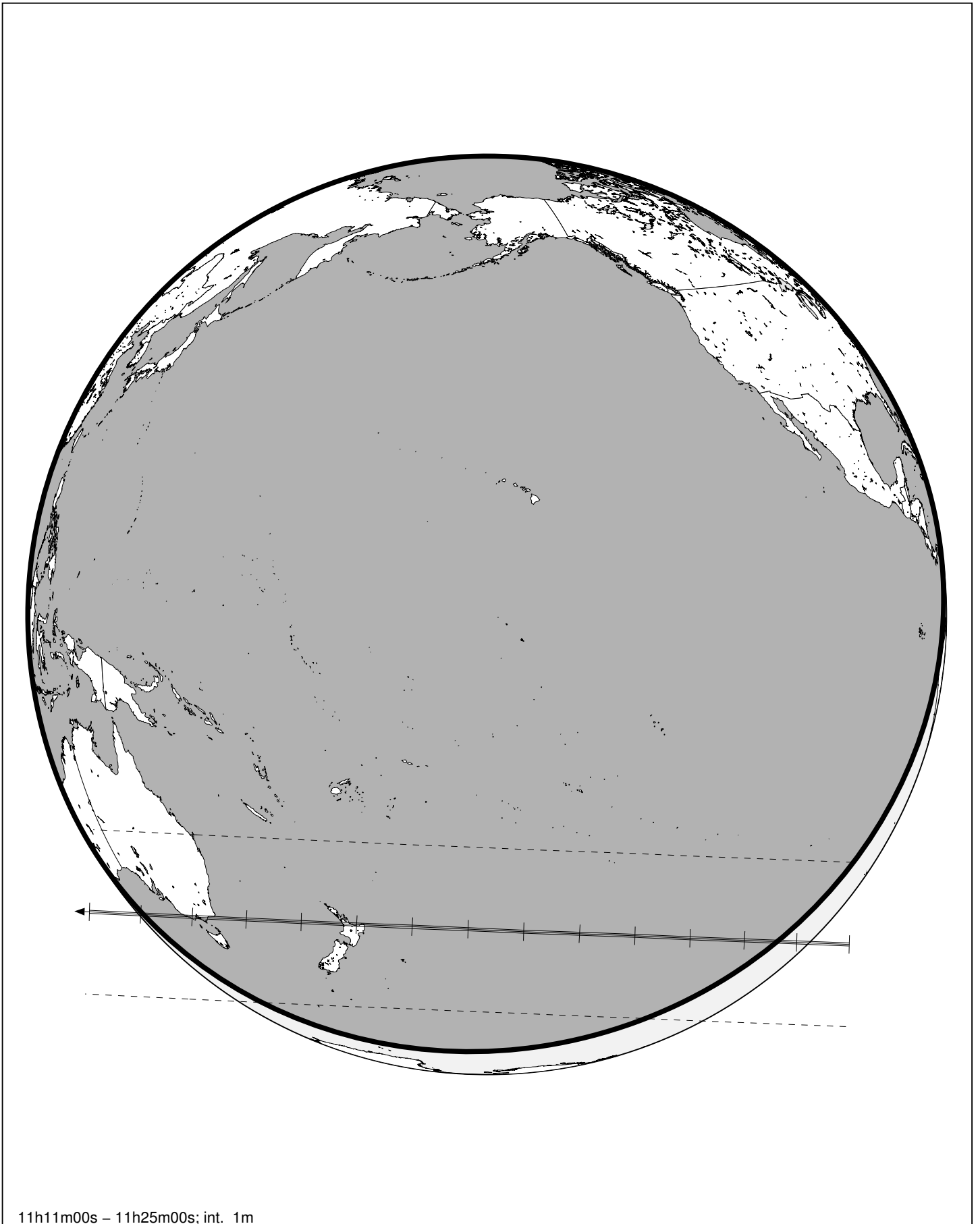
Star: Source cat. PPMX
 $\alpha = 7^h06^m04.038^s$ $\delta = +05^\circ00'10.08''$
 Vmag = 12.34 mag =

$\Delta m = 1.0$ Max. dur. = 3.5s Sun : 160° Moon : 66° , 79%



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2025 dec 30 11^h17.9^m U.T.



11h11m00s – 11h25m00s; int. 1m