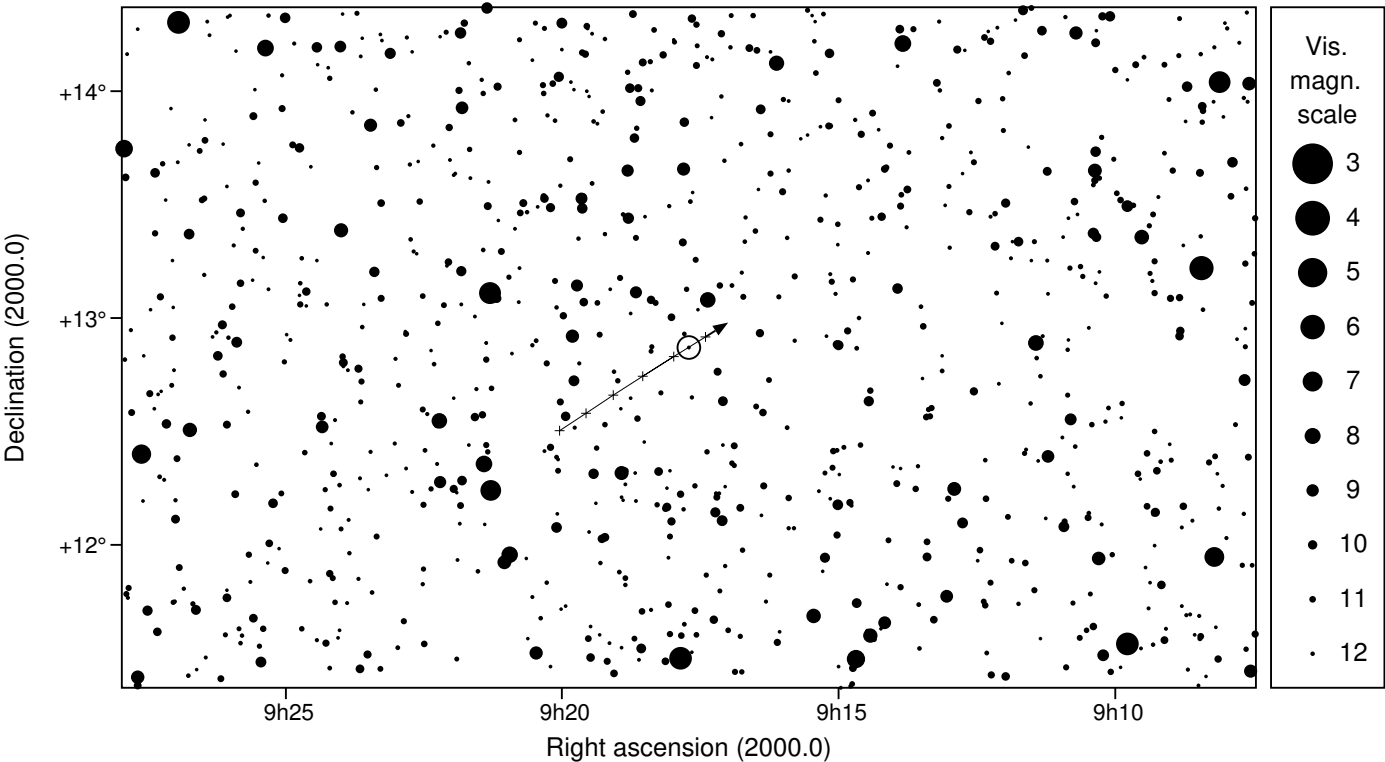
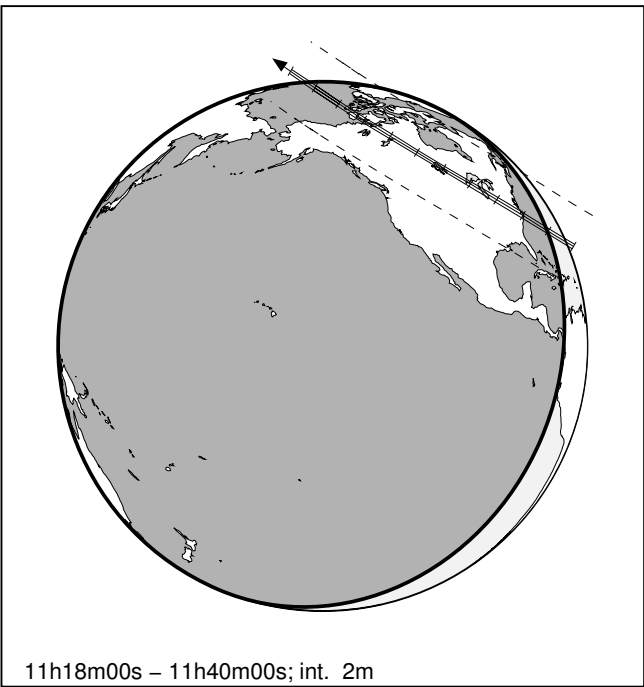
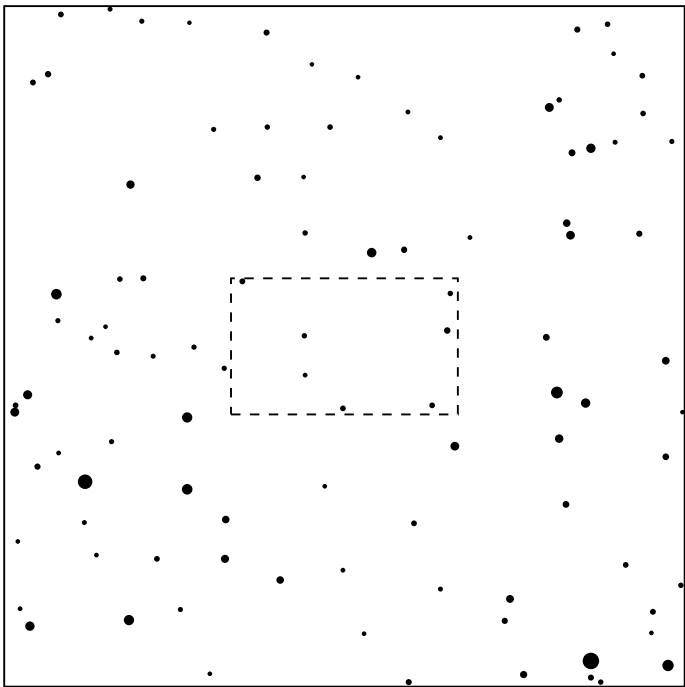


53 Kalypso & UCAC4 515-049953

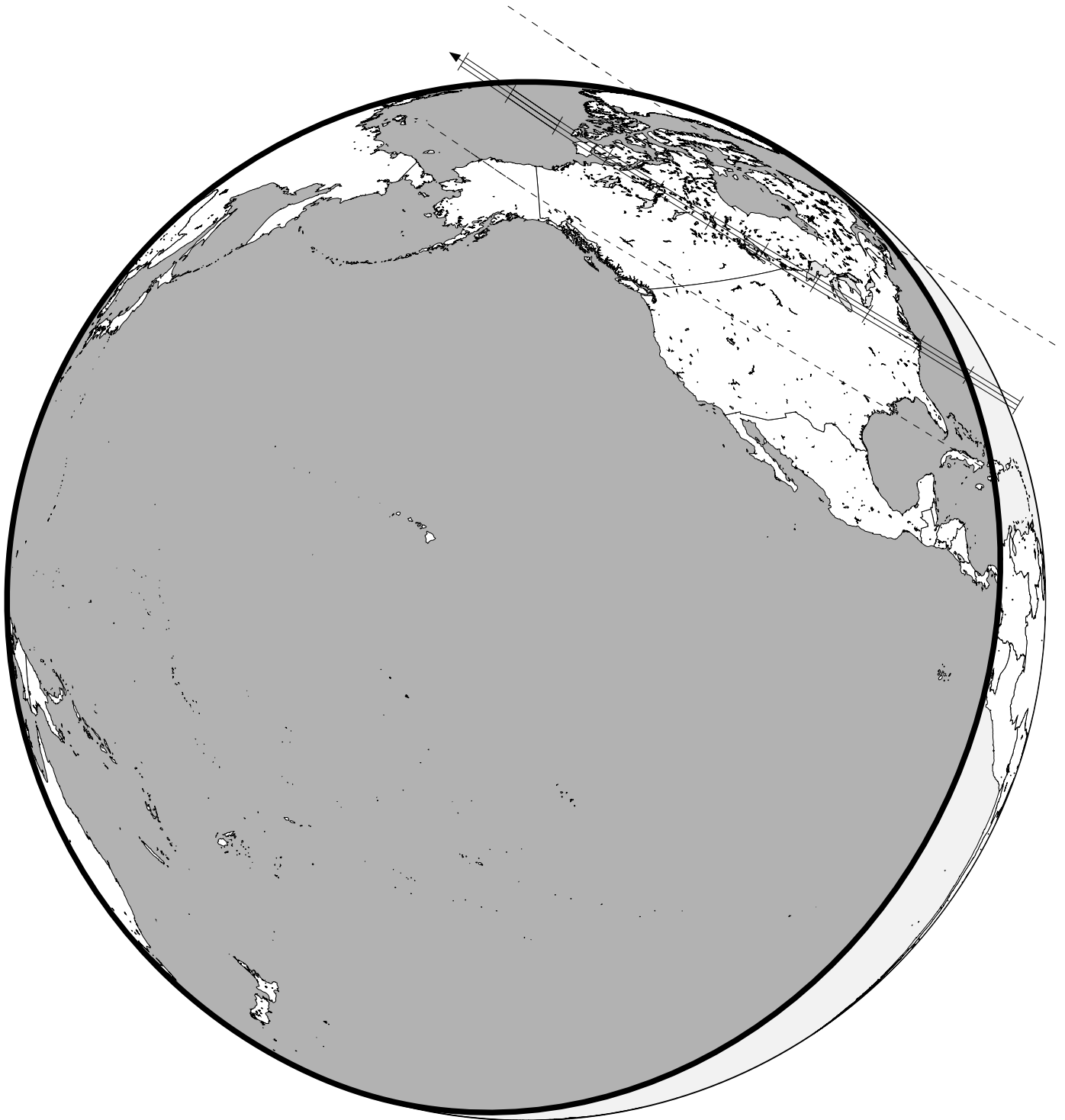
2023 jan 12 11^h28.5^m U.T.

Planet:	$a = 2.62, e = 0.20$	Star:	Source cat. EDR3
V. mag. = 11.58	Diam. = 119.0 km = 0.14"	$\alpha = 9^{\text{h}}17^{\text{m}}42.517^{\text{s}}$	$\delta = +12^{\circ}52'16.54''$
$\mu = 25.14''/\text{h}$	$\pi = 7.30''$ Ref. = EG2021	Vmag = 12.34	Bmag = 12.81
$\Delta m = 0.4$	Max. dur. = 19.5s	Sun : 153°	Moon : 35° , 75%



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2023 jan 12 11^h28.5^m U.T.



11h18m00s – 11h40m00s; int. 2m