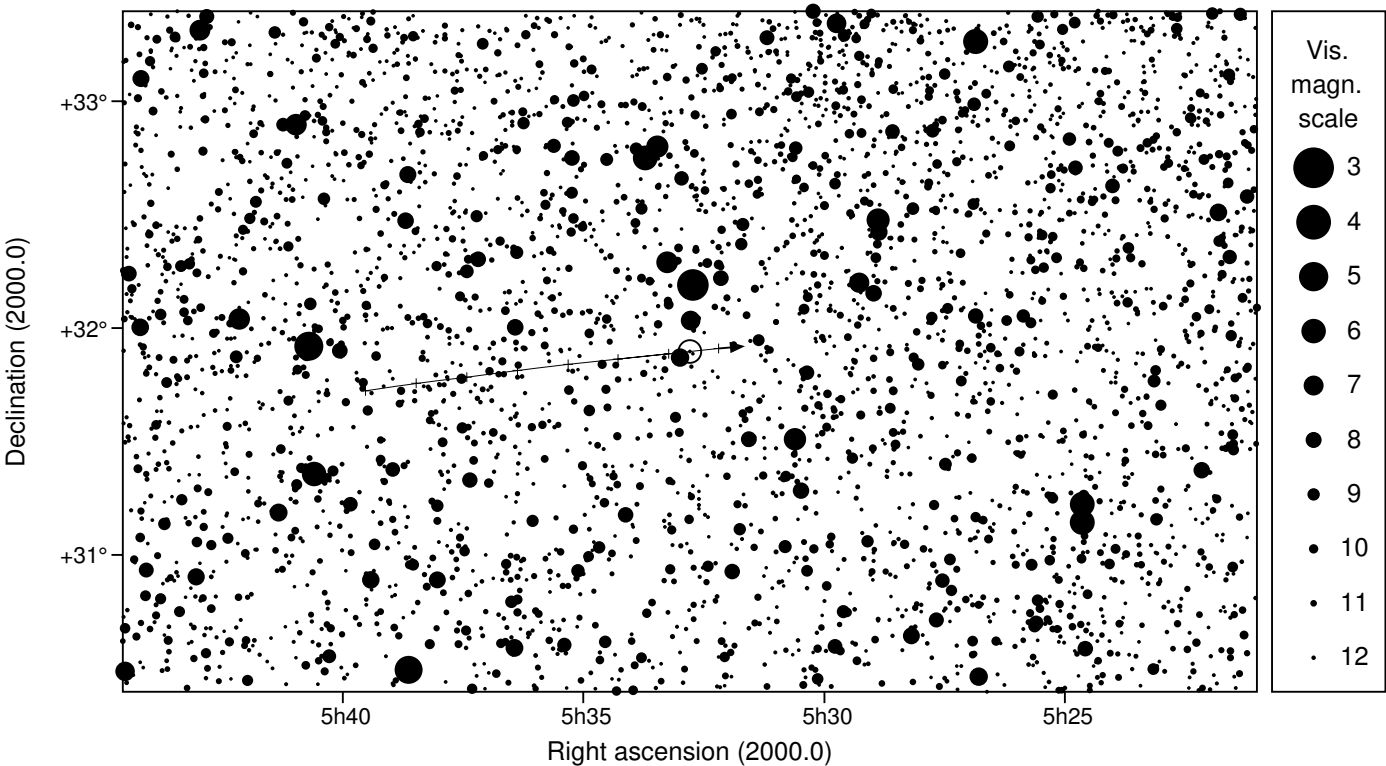
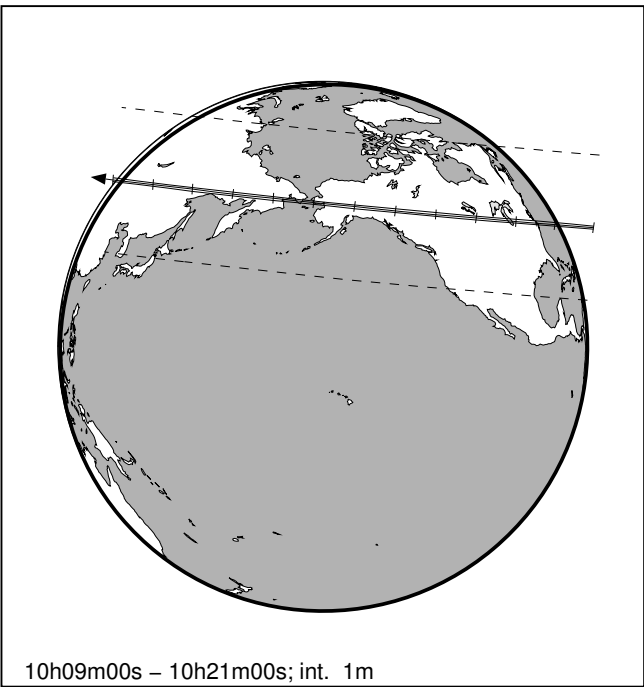
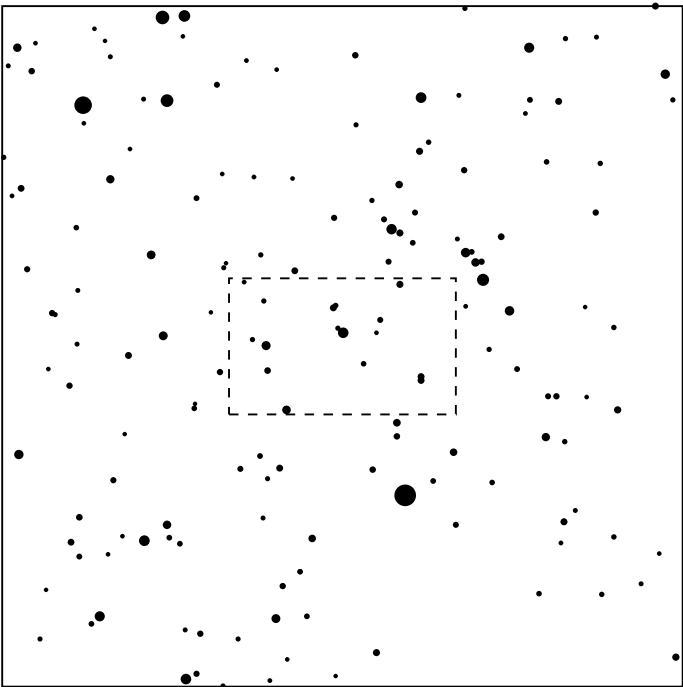


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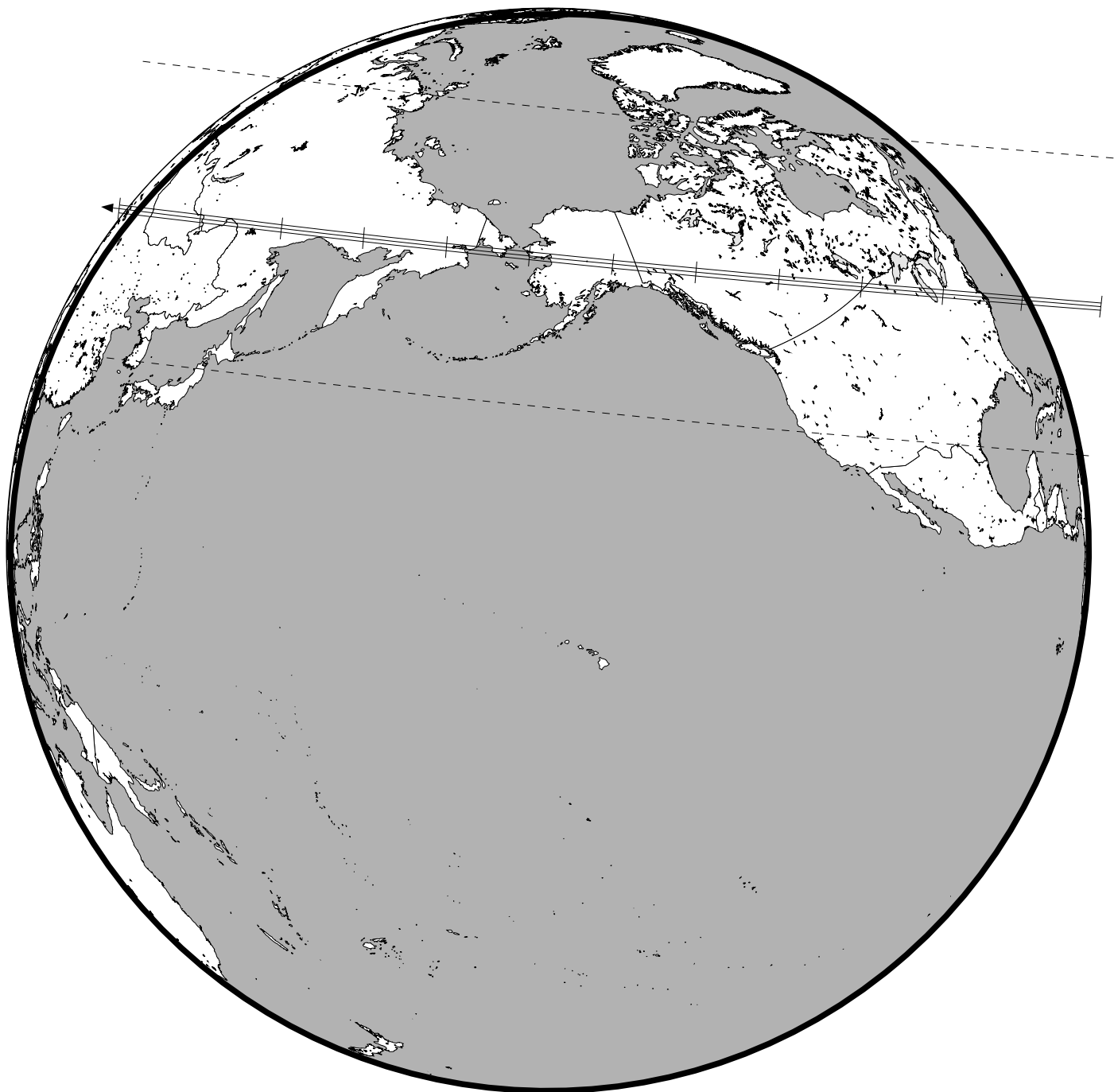
2024 dec 22 10^h15.4^m U.T.

Planet:	$a = 2.79, e = 0.22$	Star:	Source cat. PPMX
V. mag. = 12.76	Diam. = 89.5 km = 0.05"	$\alpha = 5^{\text{h}}32^{\text{m}}47.356^{\text{s}}$	$\delta = +31^{\circ}53'49.96''$
$\mu = 33.25''/\text{h}$	$\pi = 3.63''$ Ref. = EG2022	mag =	Bmag = 13.14
$\Delta m = 1.0$	Max. dur. = 5.5s	Sun : 169°	Moon : 91° , 55%



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2024 dec 22 10^h15.4^m U.T.



10h09m00s – 10h21m00s; int. 1m