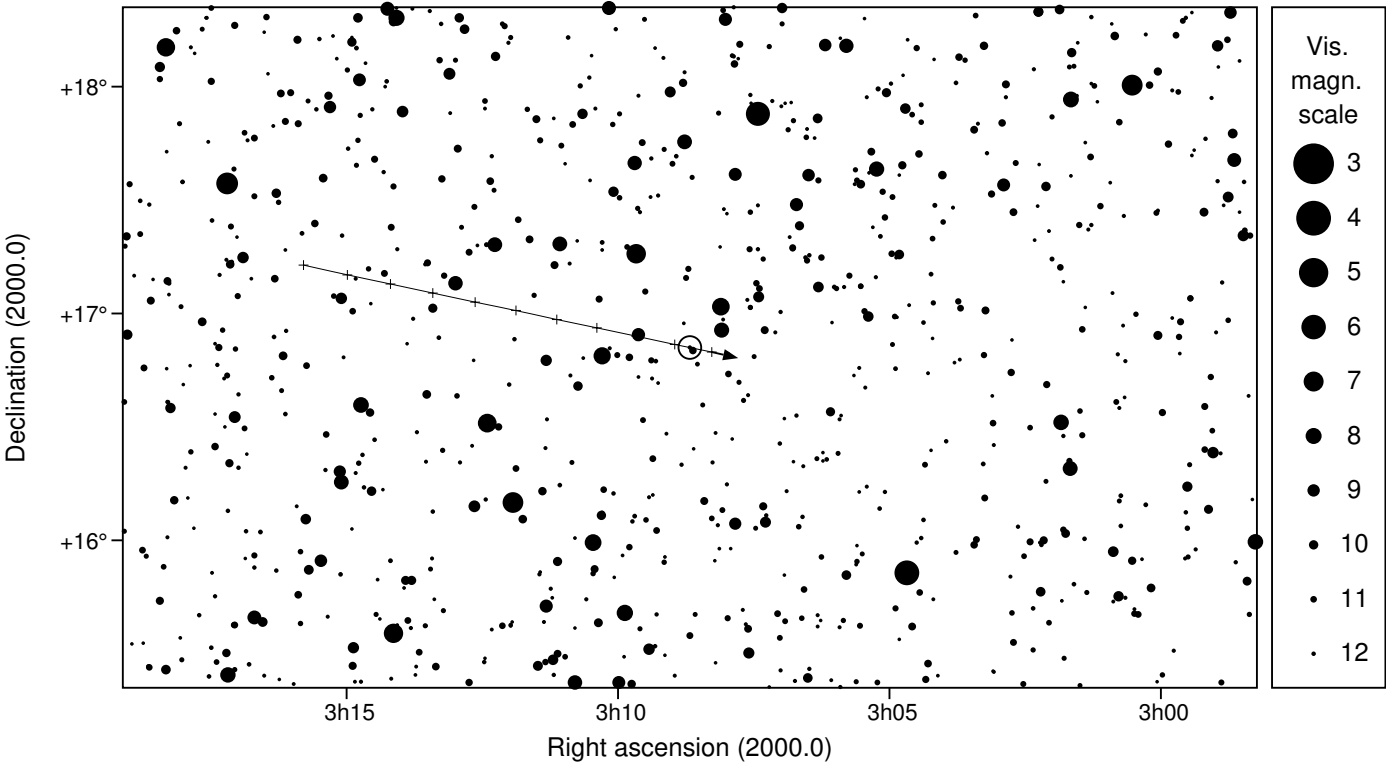
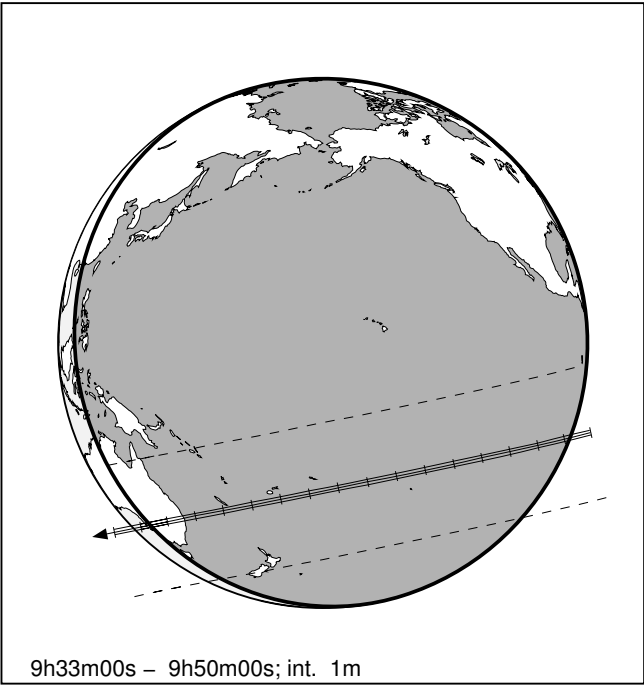
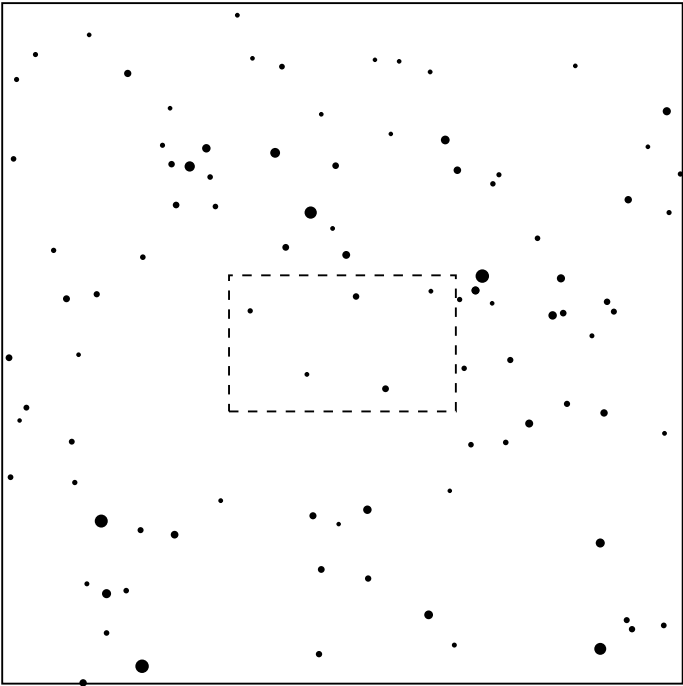


90 Antiope & TYC 1225-00202-1

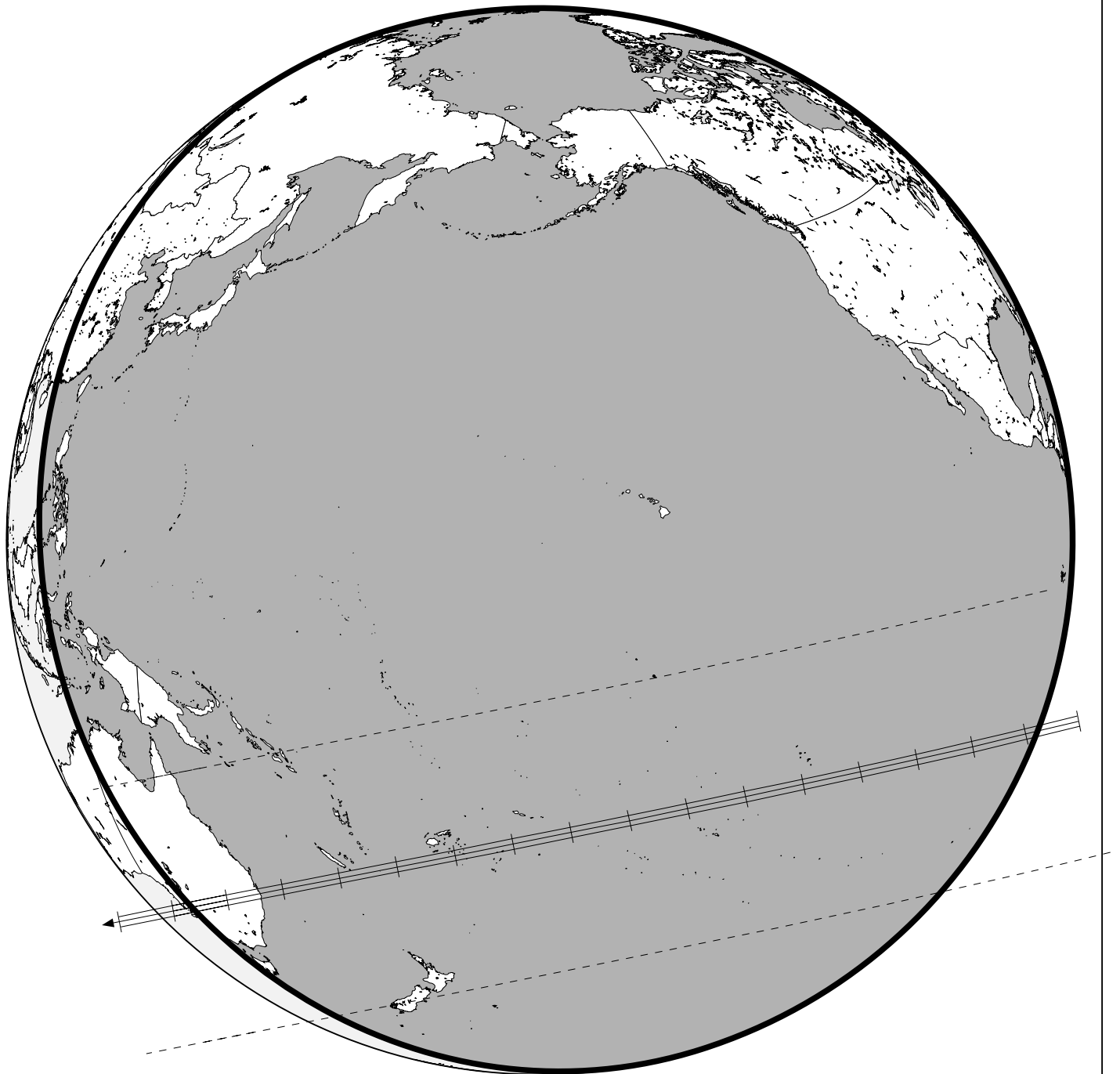
2023 dec 3 9^h41.5^m U.T.

Planet:	a = 3.16, e = 0.16	Star:	Source cat. EDR3
V. mag. = 13.00	Diam. = 125.0 km = 0.08"	$\alpha = 3^{\text{h}}08^{\text{m}}40.807^{\text{s}}$	$\delta = +16^{\circ}50'55.87''$
$\mu = 25.47''/\text{h}$	$\pi = 3.96''$ Ref. = EG2021	Vmag = 12.11	Bmag = 12.55
$\Delta m = 1.3$	Max. dur. = 11.0s	Sun : 158°	Moon : 91° , 67%



90 Antiope & TYC 1225-00202-1

2023 dec 3 9^h41.5^m U.T.



9h33m00s – 9h50m00s; int. 1m