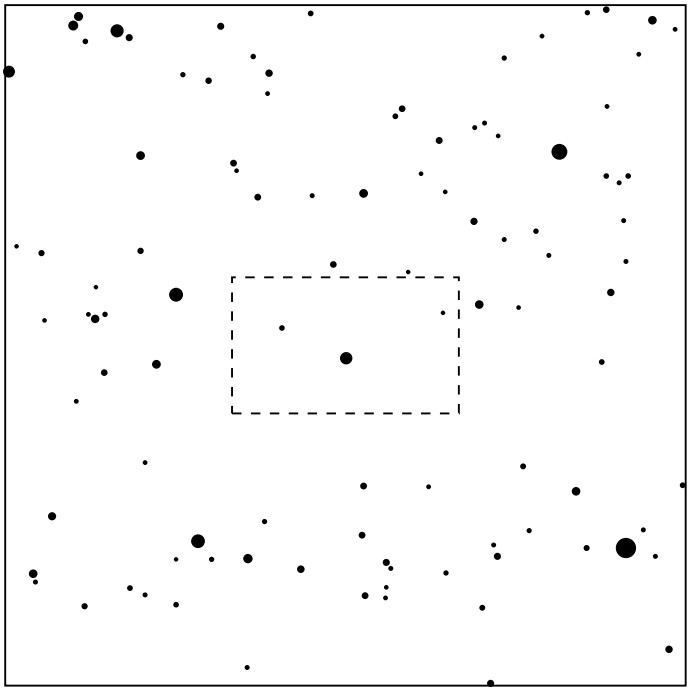
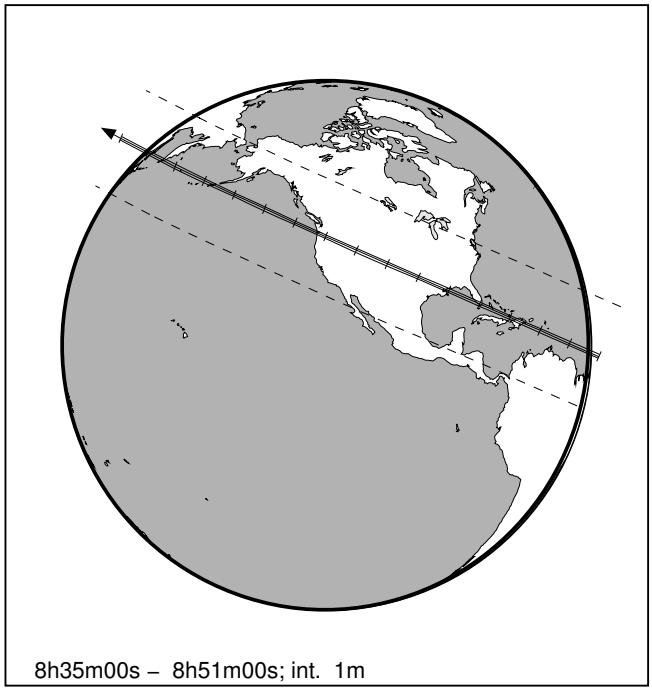
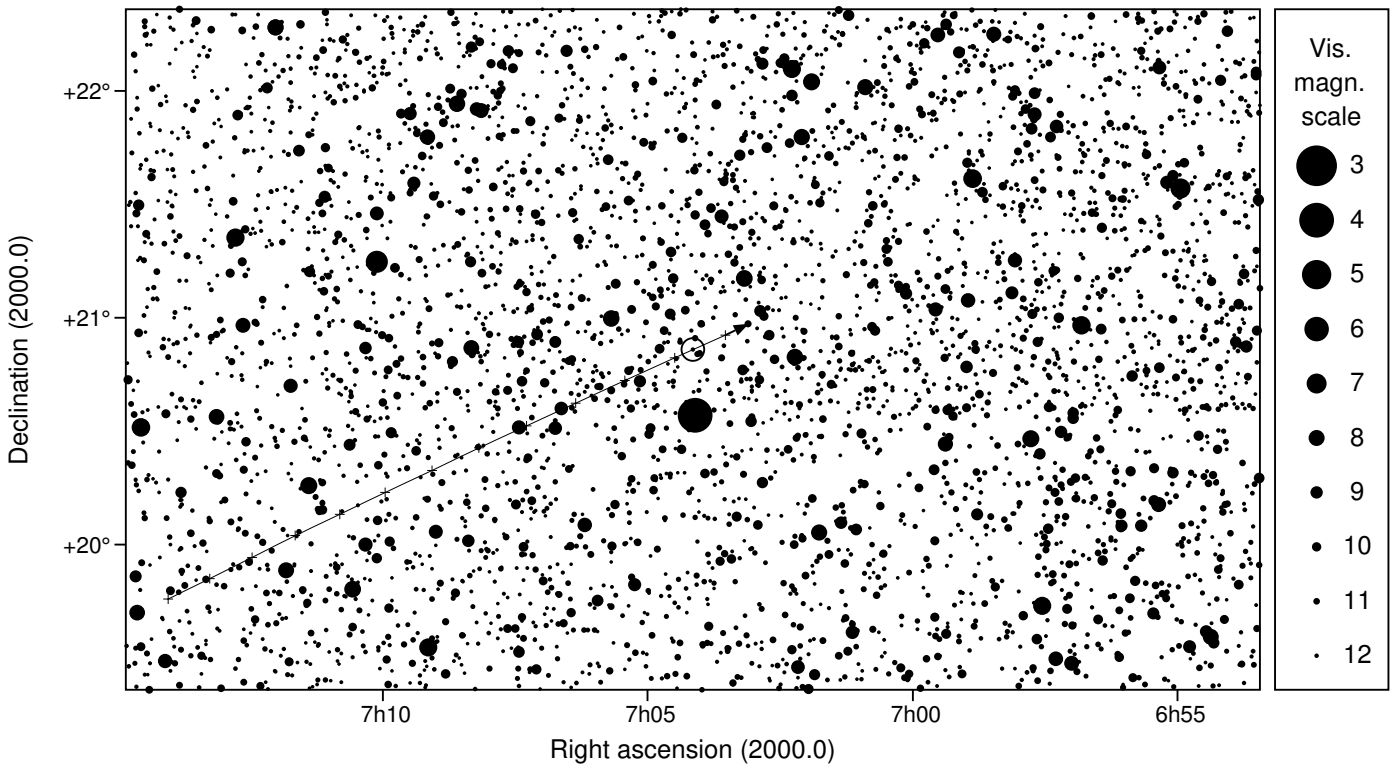
412 Elisabetha & PPMX 6076453

2019 dec 28 $8^h42.6^m$ U.T.

Planet:	a = 2.76, e = 0.04	**Star:**	Source cat. PPMX
V. mag. = 12.81	Diam. = 93.0 km = 0.07"	$\alpha = 7^h04^m08.771^s$	$\delta = +20°51'37.61"$
$\mu =$ 36.60"/h	$\pi =$ 4.90" Ref. = EG2017	Vmag = 12.09	mag =
Δm = 1.2	Max. dur. = 7.0s	Sun : 170°	Moon : 163° , 5%

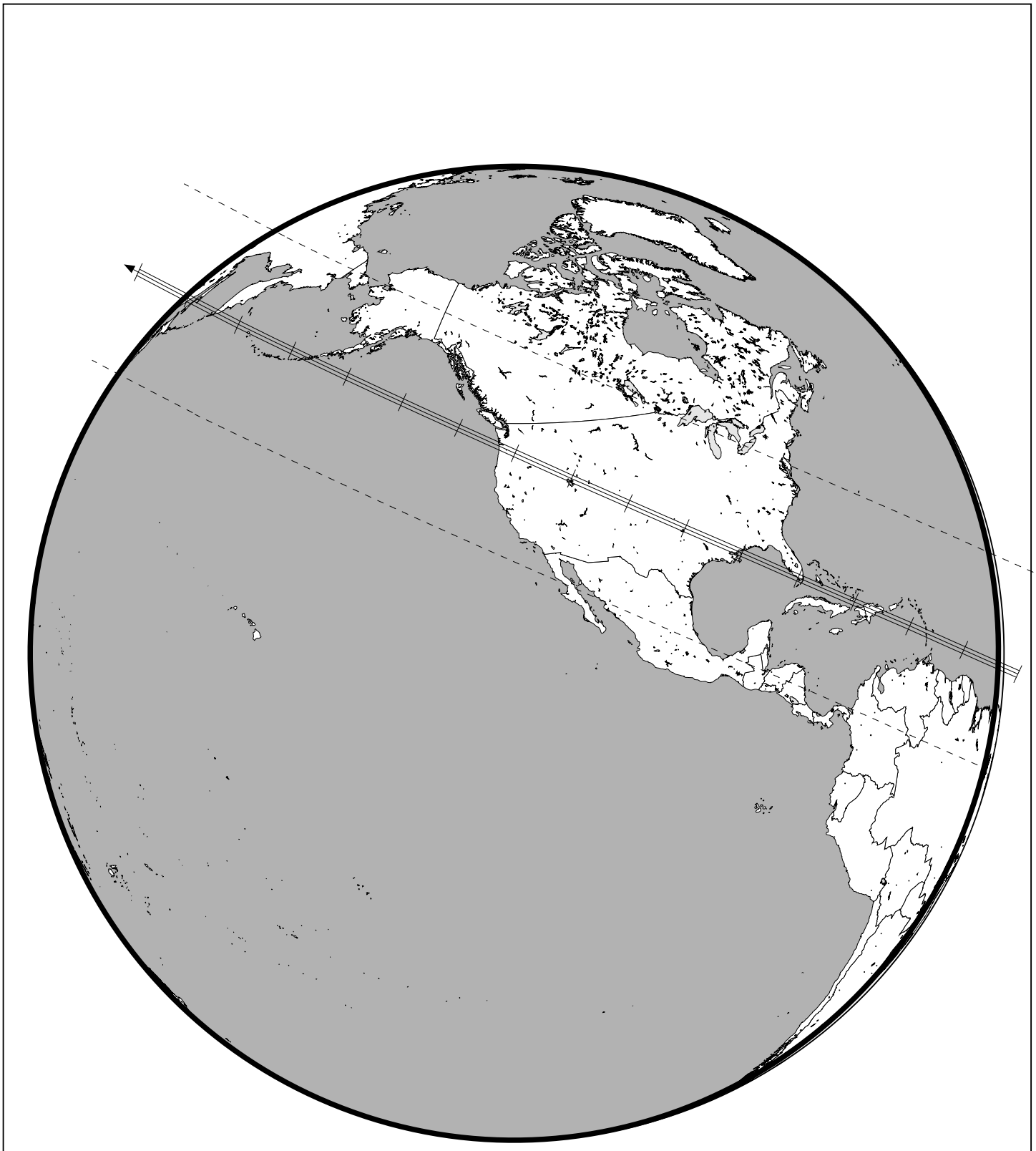






412 Elisabetha & PPMX 6076453

2019 dec 28 $8^h42.6^m$ U.T.



8h35m00s – 8h51m00s; int. 1m