

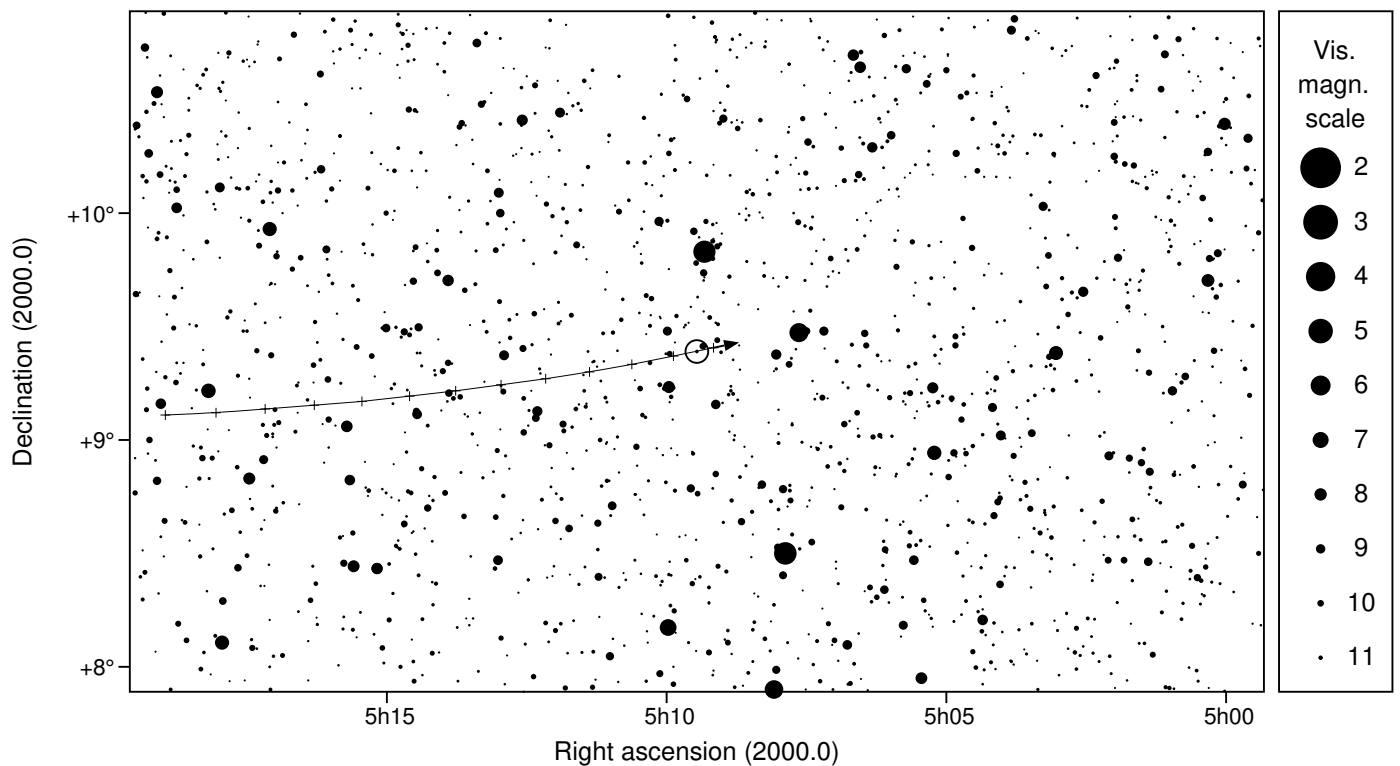
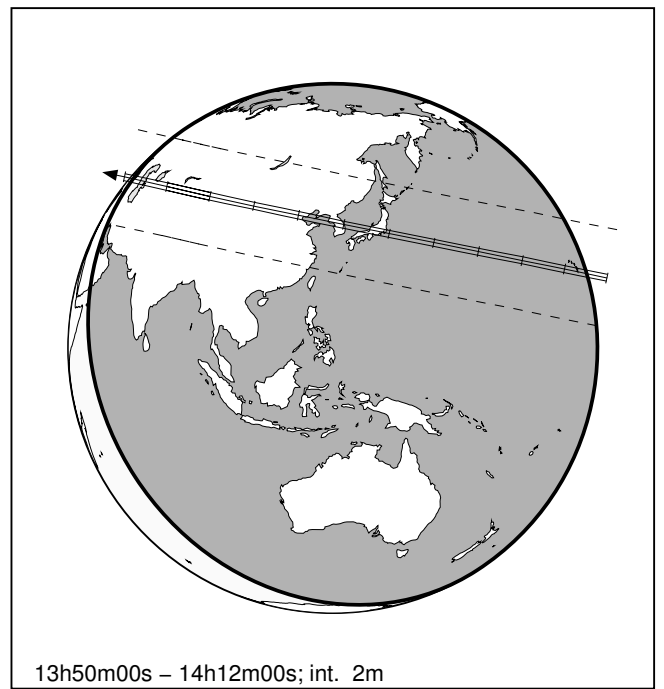
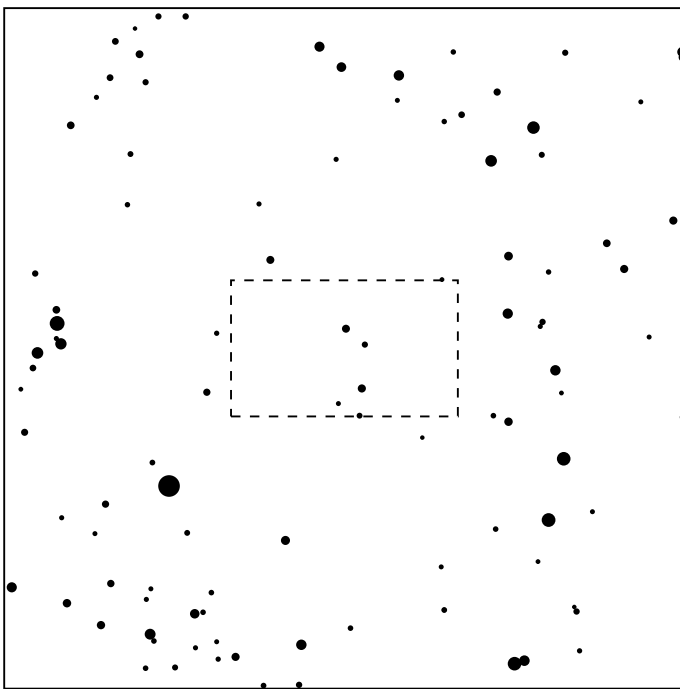
59 Elpis & TYC 0702-02653-1

2018 jan 1 14^h 1.3^m U.T.

Planet: $a = 2.71, e = 0.12$
 V. mag. = 11.67 Diam. = 173.0 km = 0.15"
 $\mu = 27.10''/h$ $\pi = 5.40''$ Ref. = EG2016

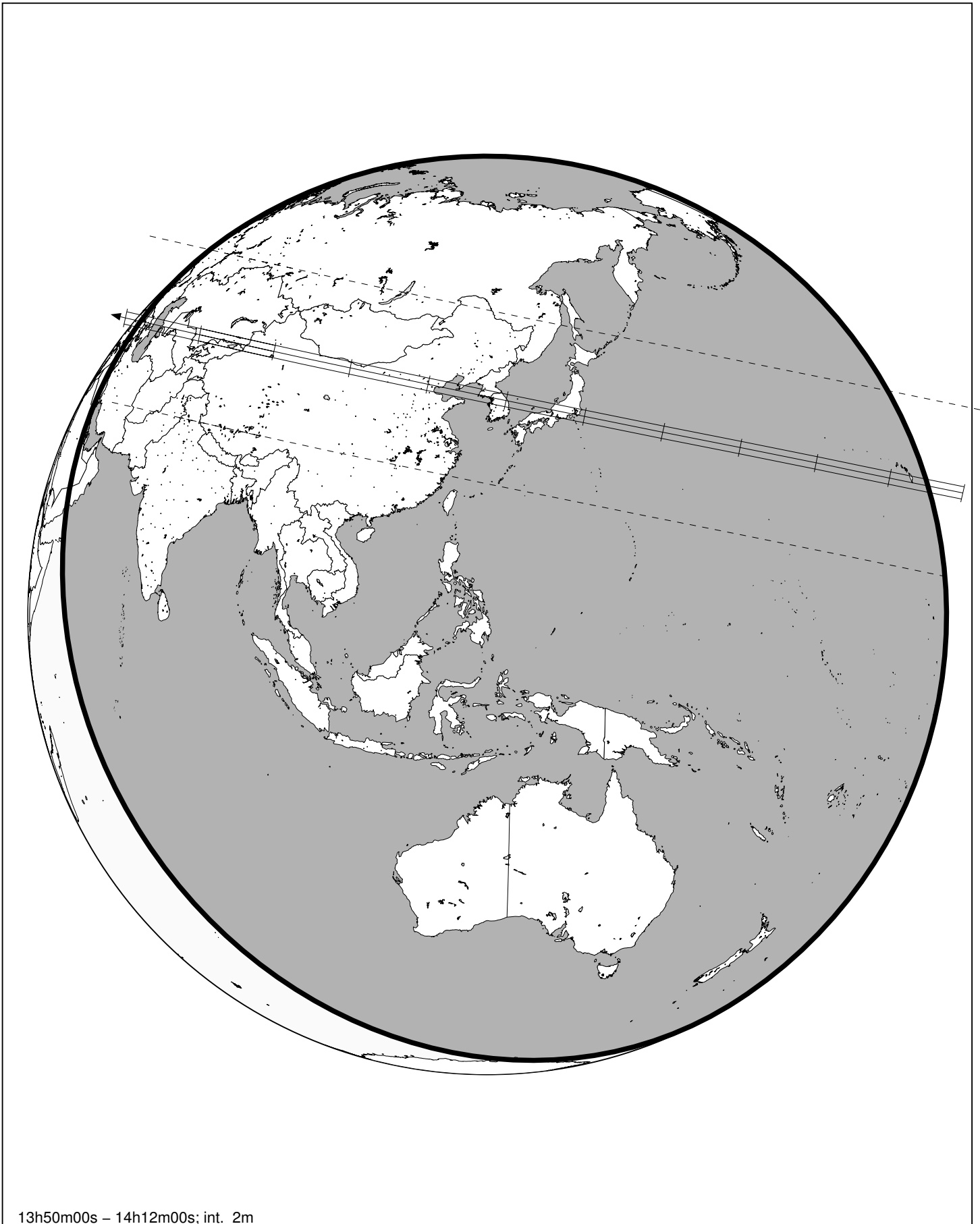
Star: Source cat. TGAS
 $\alpha = 5^h 09^m 27.532^s$ $\delta = +9^\circ 23' 20.10''$
 Vmag = 11.50 Bmag = 12.59

$\Delta m = 0.8$ Max. dur. = 19.4s Sun : 152° Moon : 19° , 99%



59 Elpis & TYC 0702-02653-1

2018 jan 1 14^h 1.3^m U.T.



13h50m00s – 14h12m00s; int. 2m