

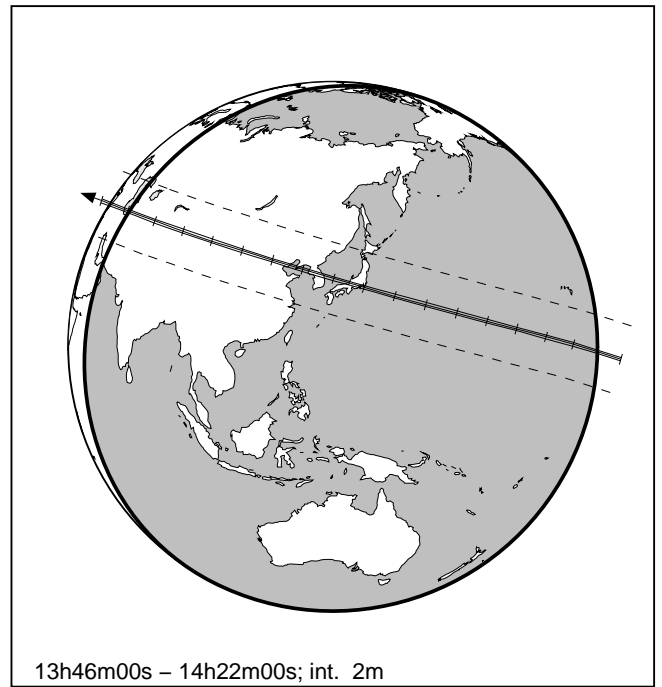
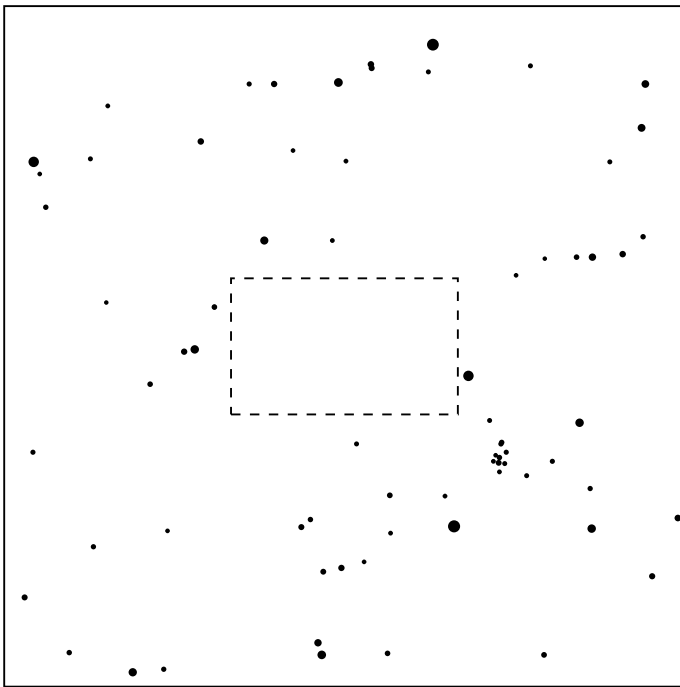
449 Hamburga & PPMX 6180333

2015 feb 21 14^h 4.8^m U.T.

Planet: $a = 2.56, e = 0.17$
 V. mag. = 12.09 Diam. = 88.6 km = 0.10"
 $\mu = 26.00''/h$ $\pi = 7.56''$ Ref. = EG2013

Star: Source cat. PPMX
 $\alpha = 8^h55^m05.820^s$ $\delta = +22^\circ07'04.70''$
 Vmag = 12.17 mag =

$\Delta m = 0.7$ Max. dur. = 14.5s Sun : 157° Moon : 121° , 10%



13h46m00s – 14h22m00s; int. 2m

