

22 Kalliope & HSOY 582290042

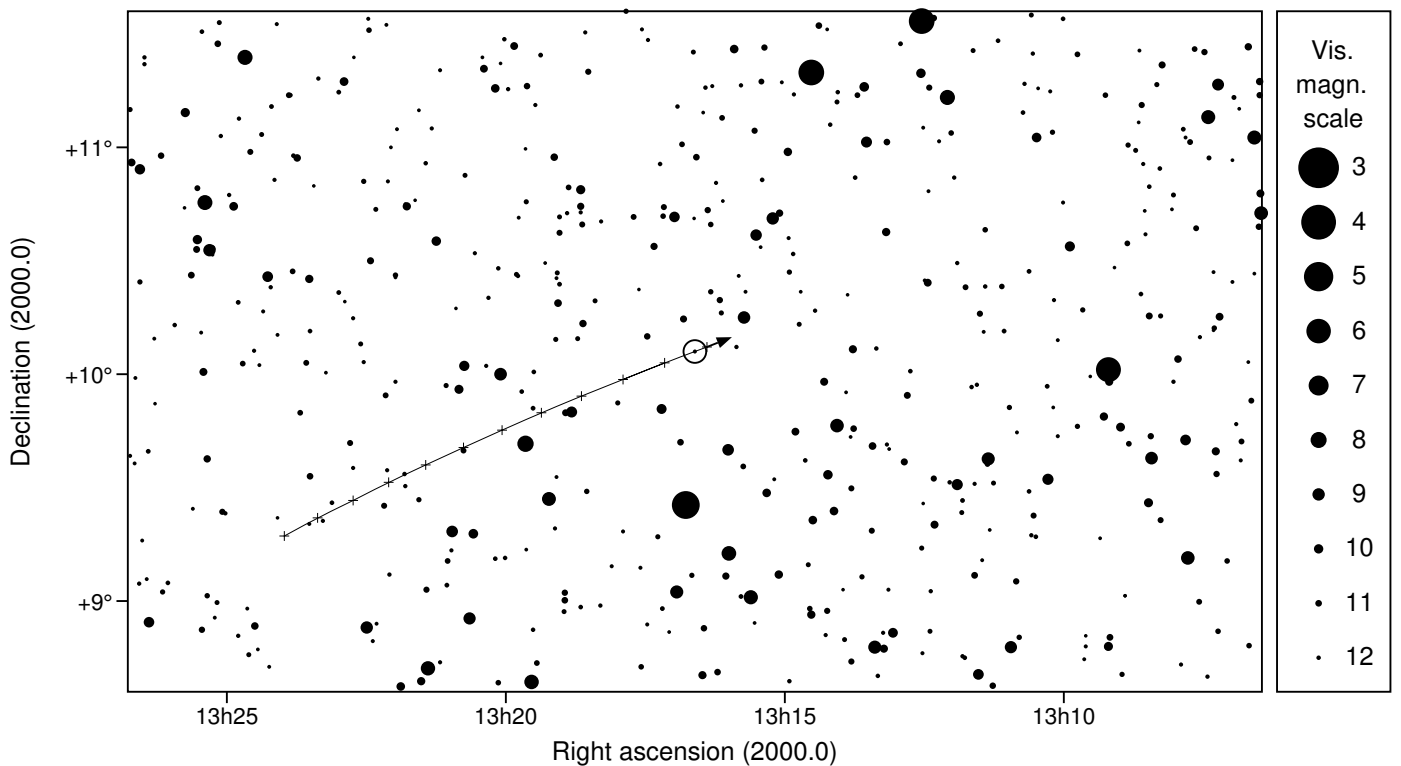
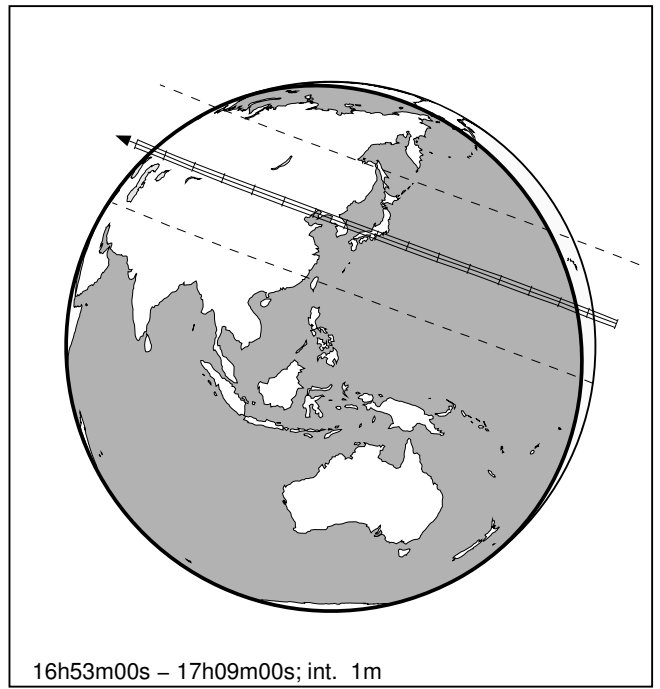
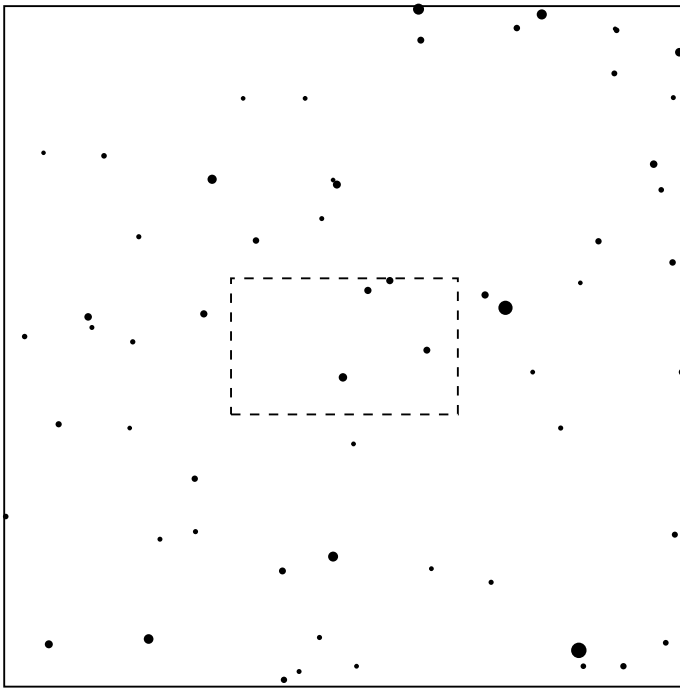
2018 mar 21 17^h 1.1^m U.T.

Planet: $a = 2.91, e = 0.10$
V. mag. = 10.98 Diam. = 187.0 km = 0.12"
 $\mu = 30.21''/h$ $\pi = 4.16''$ Ref. = EG2016

Star: Source cat. HSOY
 $\alpha = 13^h 16^m 36.772^s$ $\delta = +10^{\circ} 06' 03.12''$
Vmag = 12.21 Bmag = 12.42

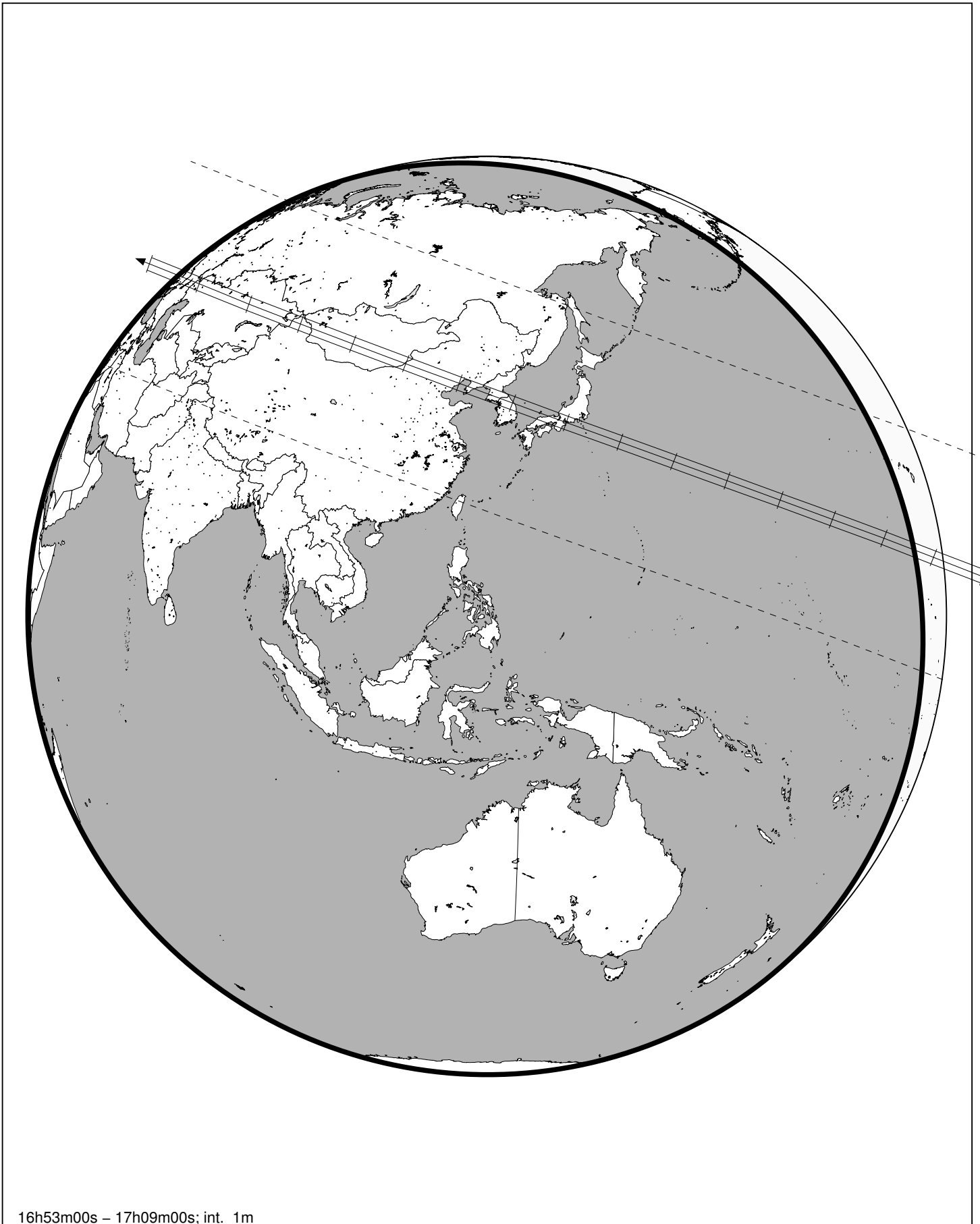
$\Delta m = 0.3$ Max. dur. = 14.5s

Sun : 158° Moon : 140° , 19%



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16h53m00s – 17h09m00s; int. 1m