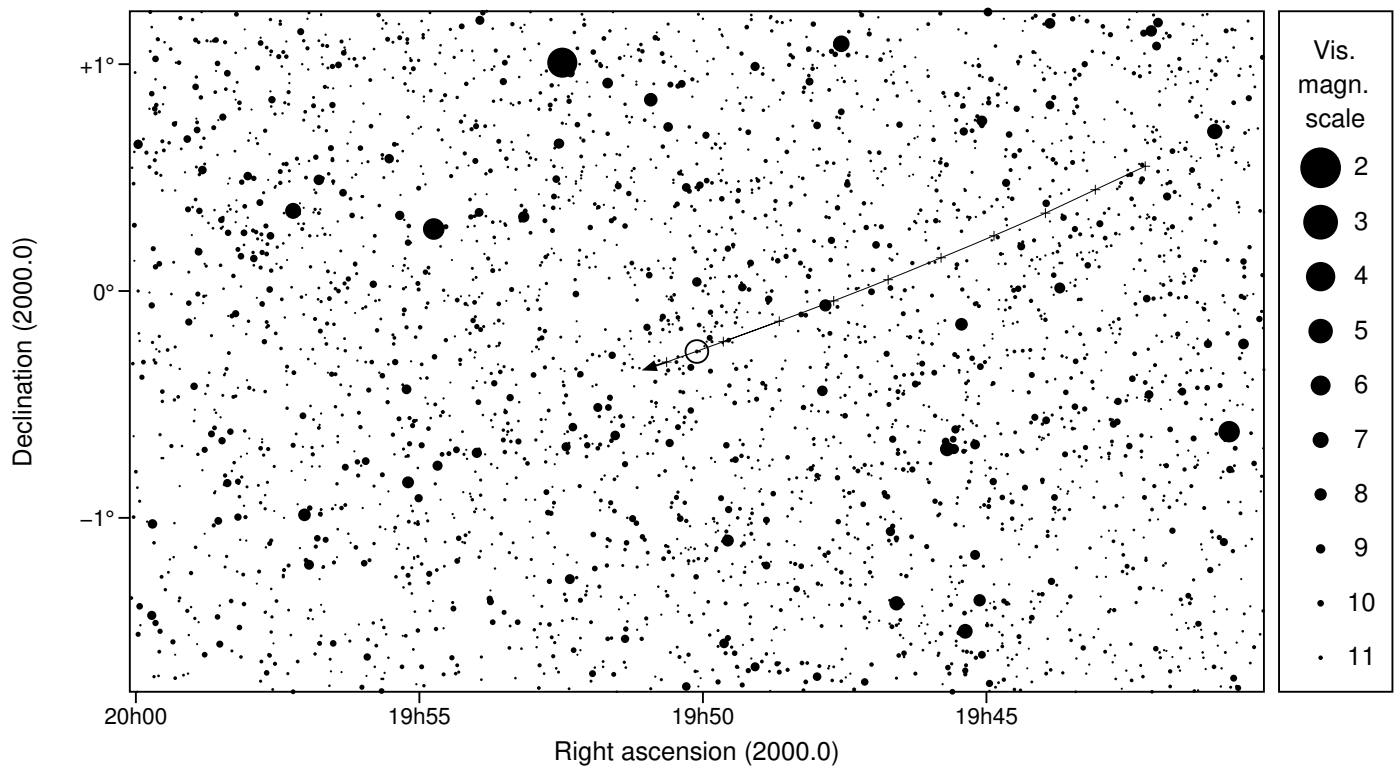
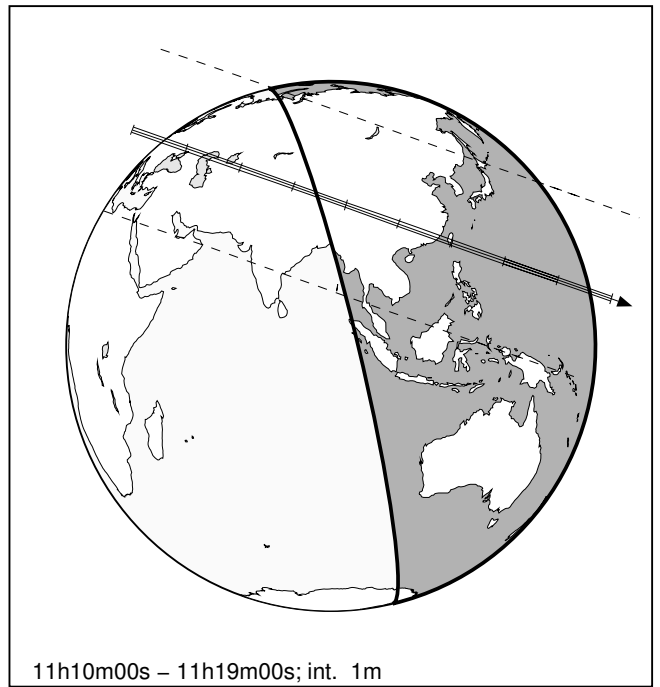
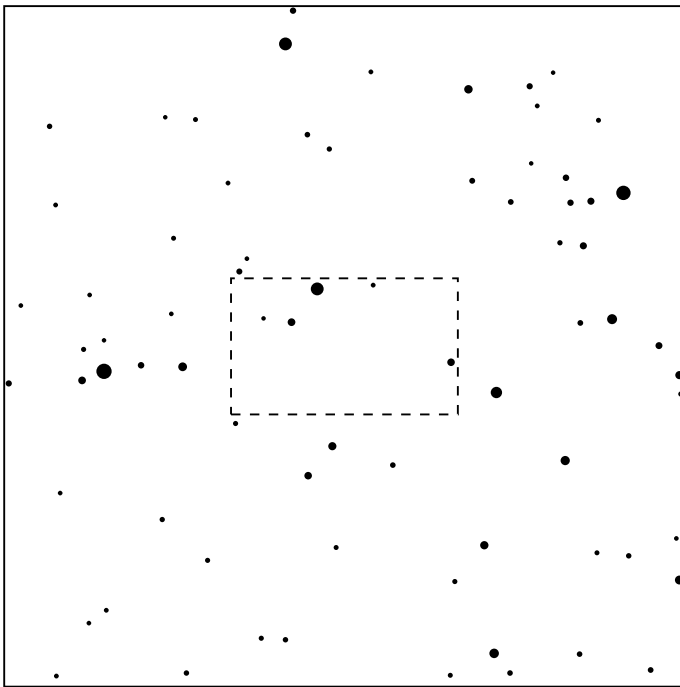


176 Iduna & HSOY 118484142

2018 oct 29 11^h14.6^m U.T.

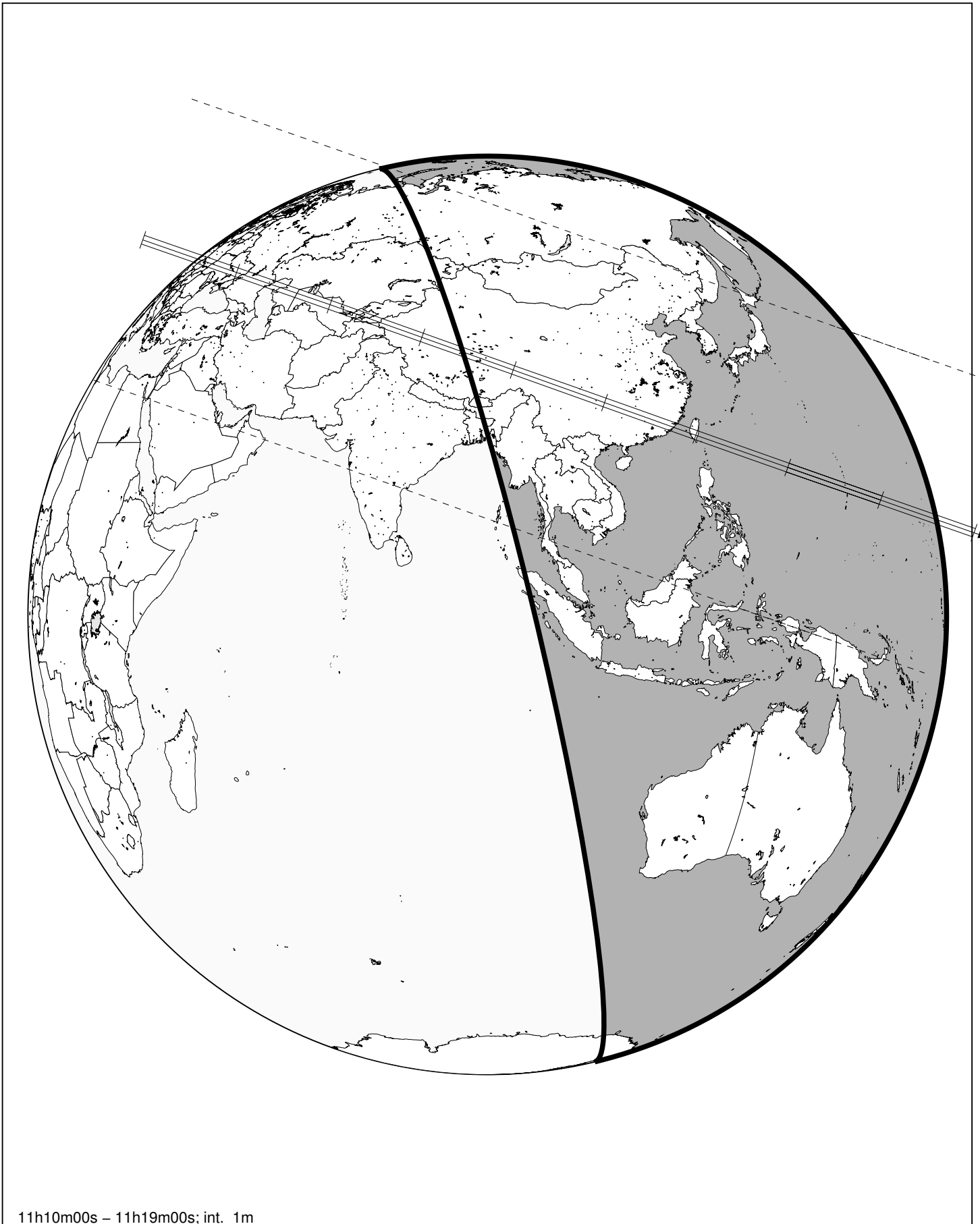
Planet: $a = 3.19, e = 0.16$
 V. mag. = 13.49 Diam. = 125.0 km = 0.06"
 $\mu = 39.68''/h$ $\pi = 3.09''$ Ref. = EG2016
 $\Delta m = 2.3$ Max. dur. = 5.5s

Star: Source cat. HSOY
 $\alpha = 19^h 50^m 06.308^s$ $\delta = -0^\circ 16' 01.09''$
 Vmag = 11.28 Bmag = 12.07
 Sun : 84° Moon : 151°, 74%



176 Iduna & HSOY 118484142

2018 oct 29 11^h14.6^m U.T.



11h10m00s - 11h19m00s; int. 1m