

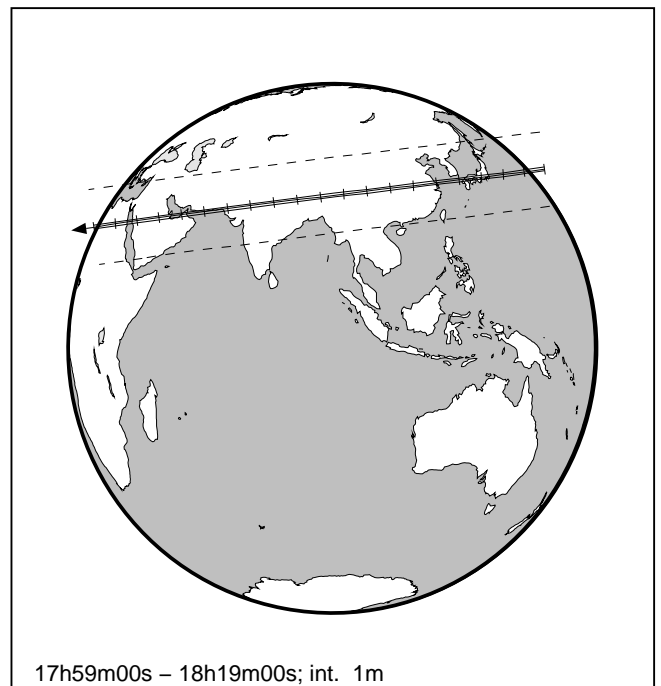
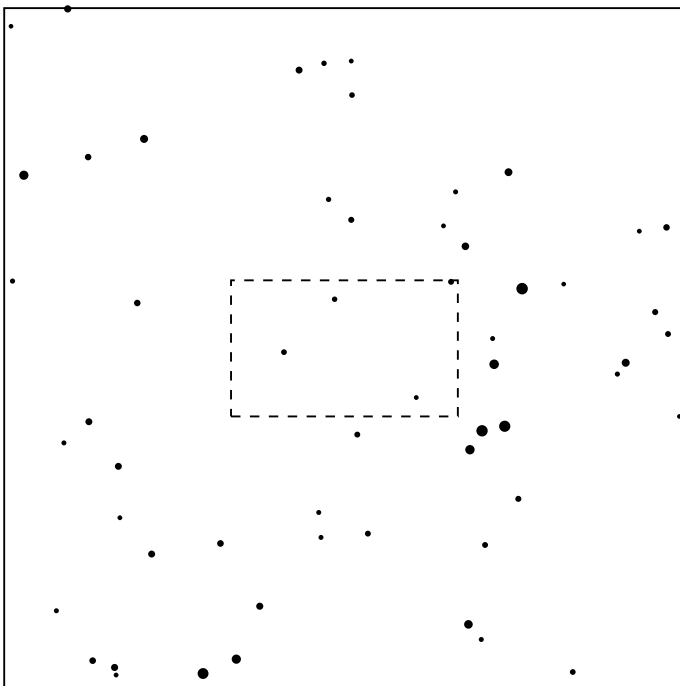
# 109 Felicitas & UCAC4-414-143888

2015 sep 7 18<sup>h</sup> 9.3<sup>m</sup> U.T.

**Planet:**  $a = 2.69, e = 0.30$   
 V. mag. = 11.35    Diam. = 91.0 km = 0.10"  
 $\mu = 35.91''/h$      $\pi = 7.04''$     Ref. = EG2013

**Star:**    Source cat. UCAC4  
 $\alpha = 23^h 30^m 08.443^s$      $\delta = -7^\circ 22' 26.07''$   
 Vmag = 12.26    Bmag = 13.28

$\Delta m = 0.4$     Max. dur. = 10.1s    Sun : 173°    Moon : 112° , 26%



17h59m00s – 18h19m00s; int. 1m

