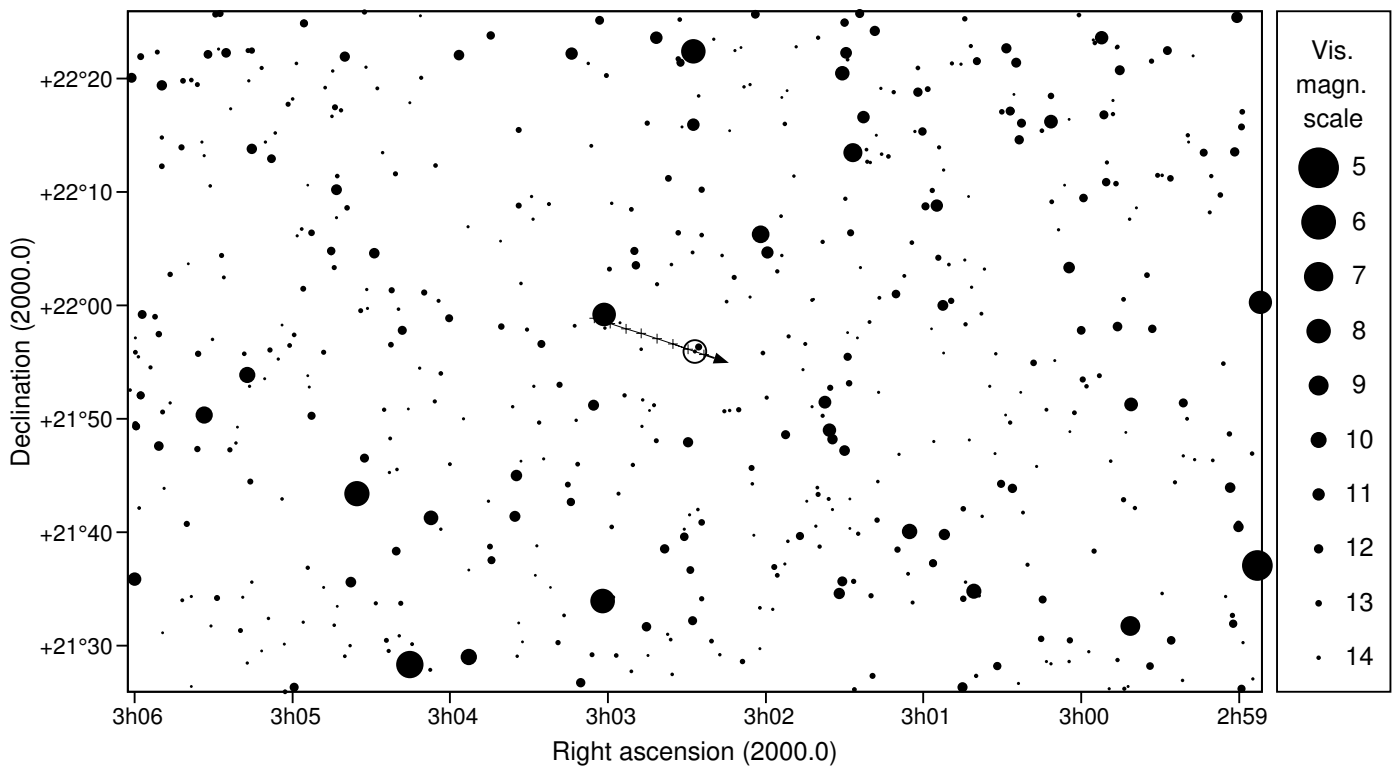
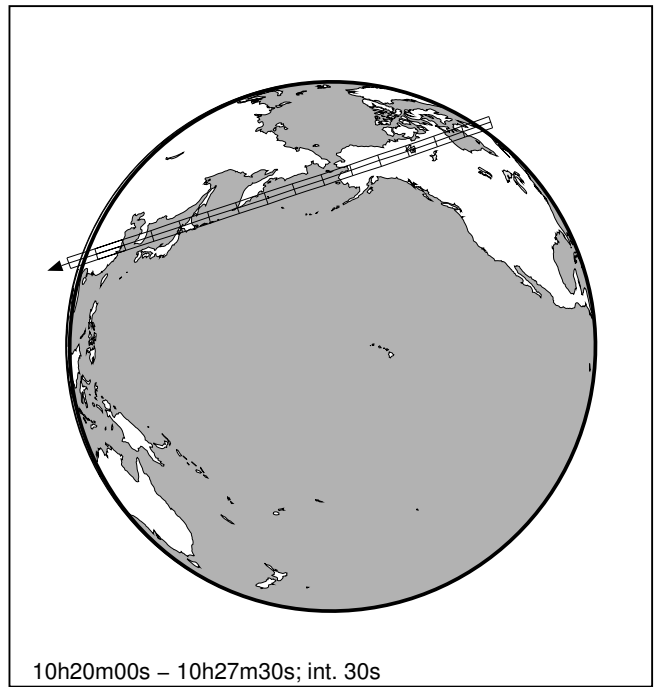
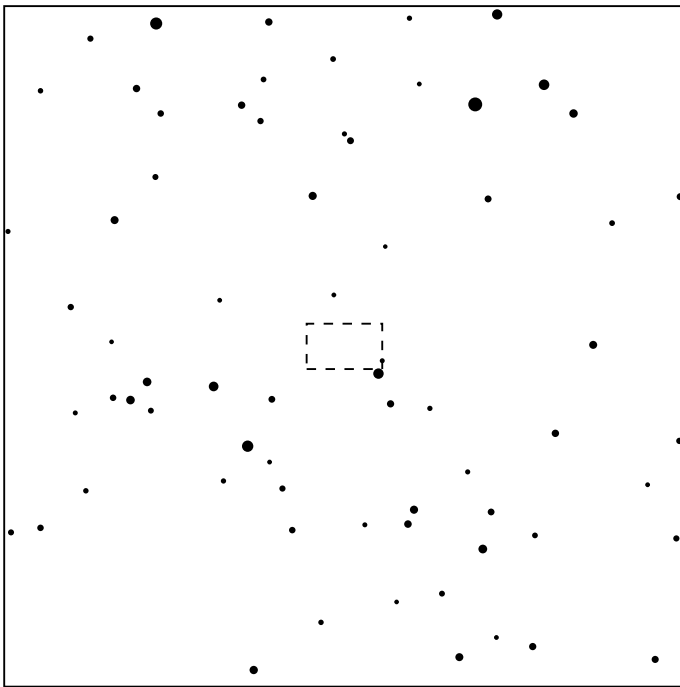


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2018 nov 20 10<sup>h</sup>23.8<sup>m</sup> U.T.

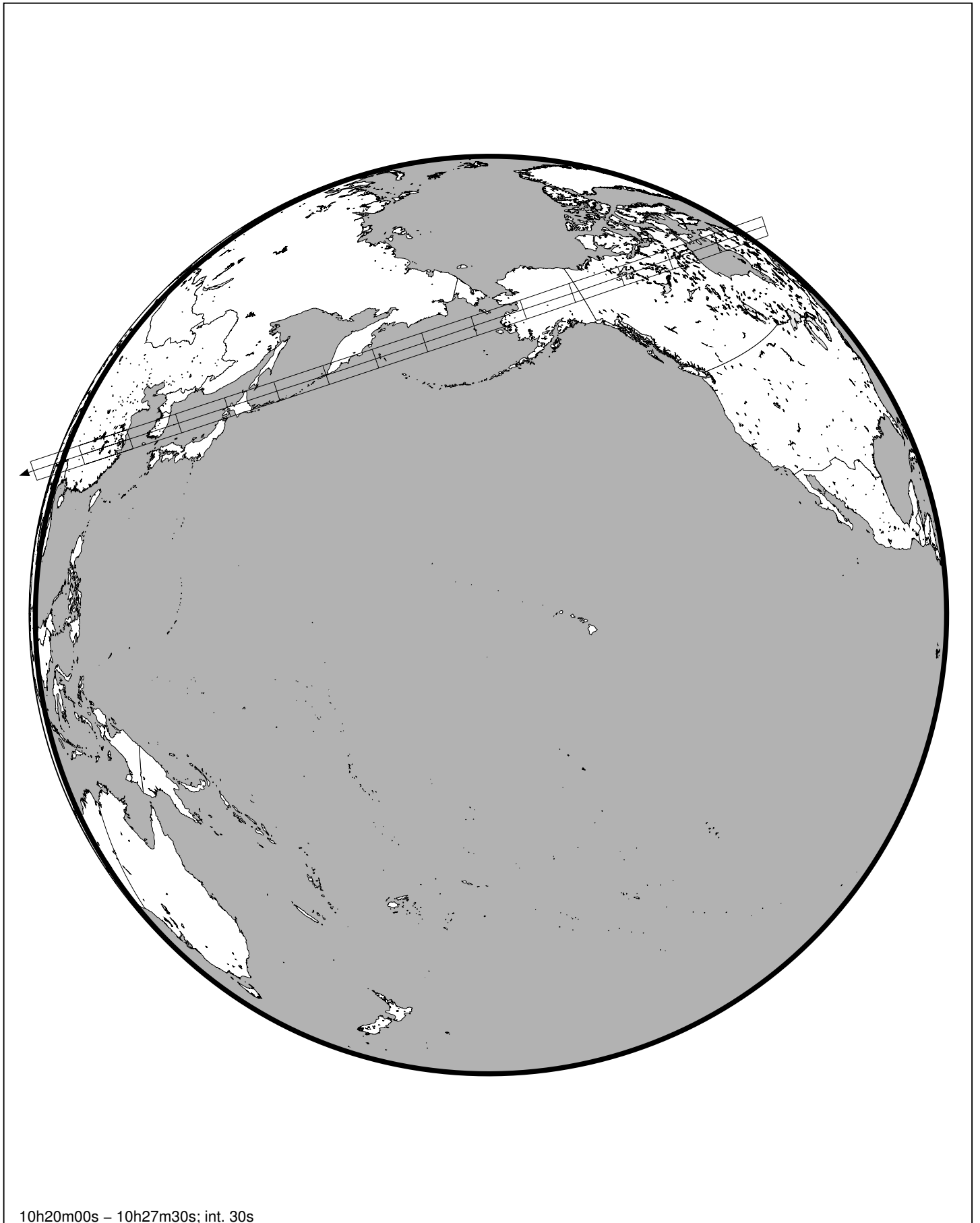
**Planet:**  $a = 55.22$ ,  $e = 0.41$   
 V. mag. = 21.22    Diam. = 275.4 km = 0.01"  
 $\mu = 3.59''/h$      $\pi = 0.27''$     Ref. = MPO385636  
 $\Delta m = 7.0$     Max. dur. = 11.5s

**Star:**    Source cat. HSOY  
 $\alpha = 3^h02^m26.941^s$      $\delta = +21^\circ55'56.72''$   
 Vmag = 14.22    Bmag = 15.80  
 Sun : 170°    Moon : 29° , 91%



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10h20m00s – 10h27m30s; int. 30s