

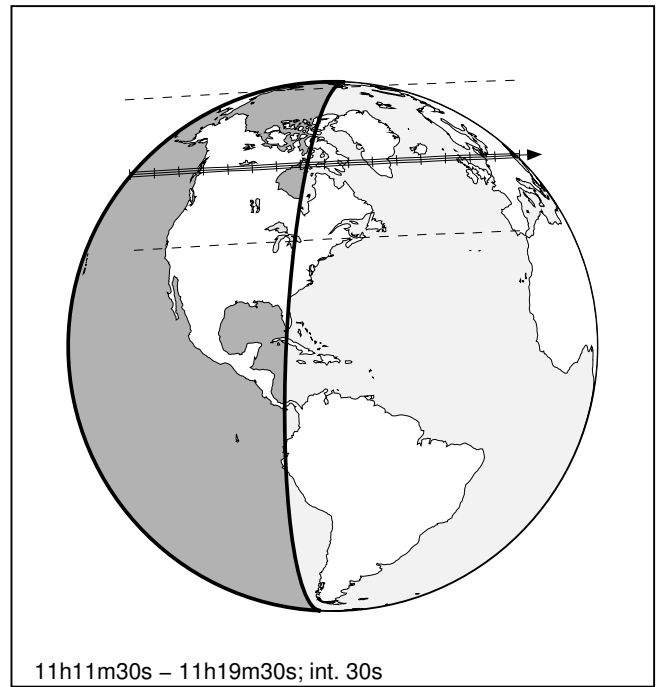
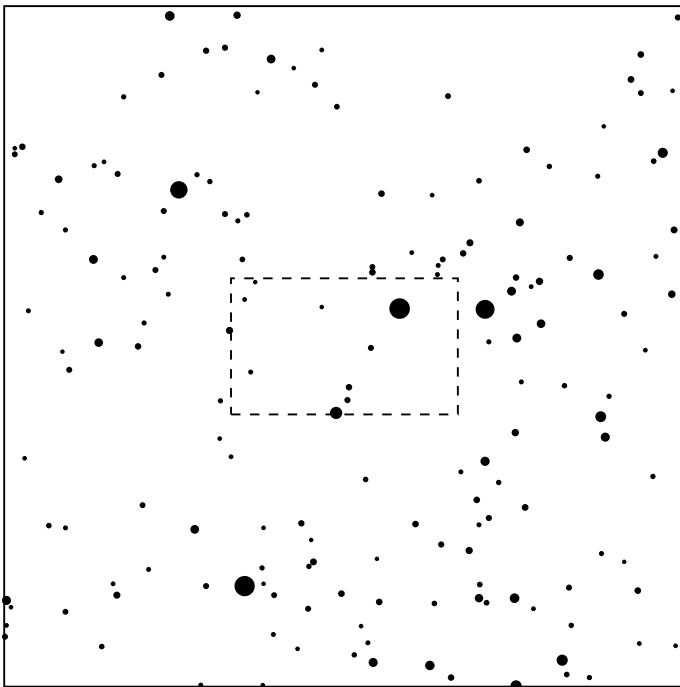
# 42 Isis & UCAC4 559-028896

2025 sep 19 11<sup>h</sup>15.5<sup>m</sup> U.T.

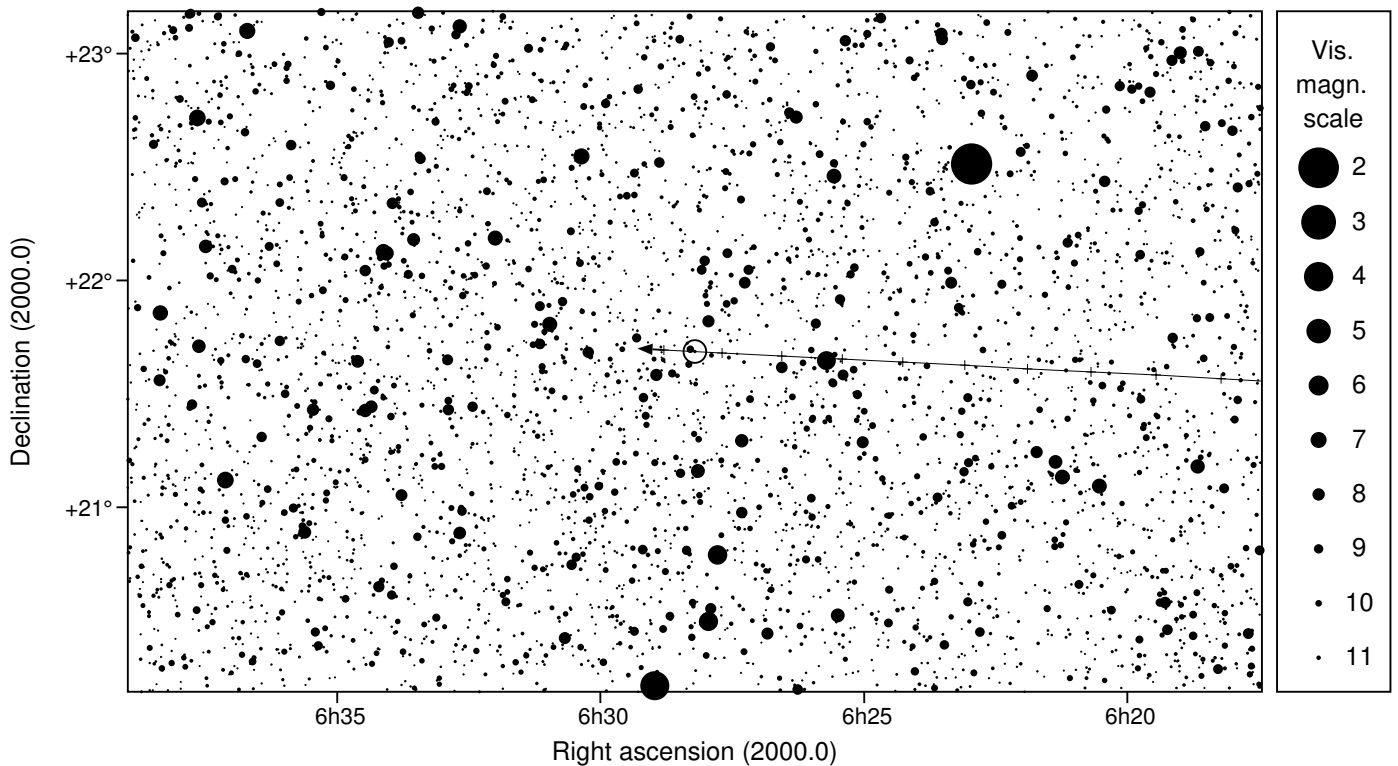
**Planet:**  $a = 2.44, e = 0.22$   
 V. mag. = 12.64 Diam. = 107.0 km = 0.06"  
 $\mu = 38.74''/h$   $\pi = 3.51''$  Ref. = EG2023

**Star:** Source cat. DR3  
 $\alpha = 6^h28^m12.540^s$   $\delta = +21^\circ41'08.61''$   
 Vmag = 11.67 Bmag = 11.80

$\Delta m = 1.3$  Max. dur. = 5.5s Sun : 79° Moon : 53° , 6%

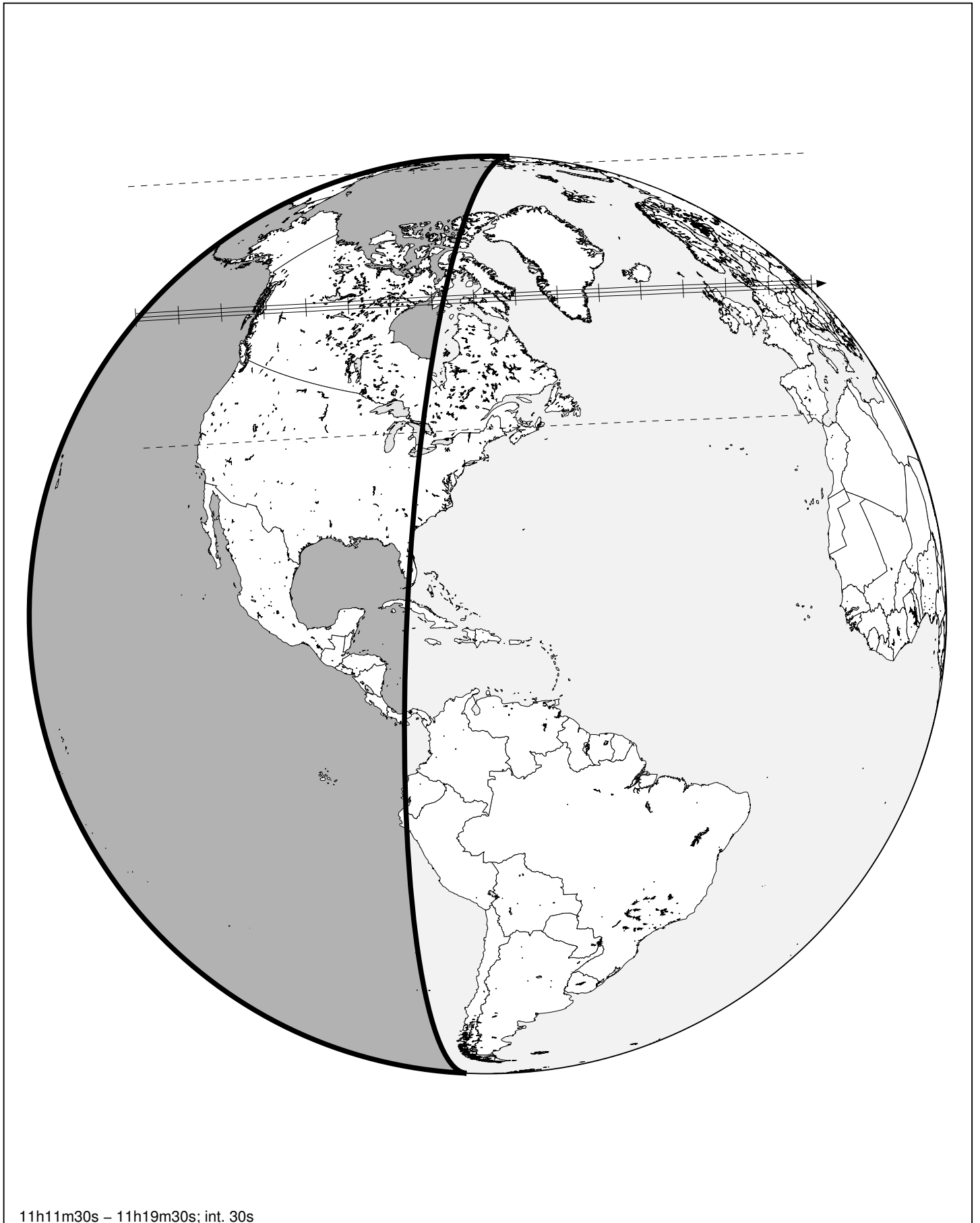


11h11m30s – 11h19m30s; int. 30s



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11h11m30s – 11h19m30s; int. 30s