

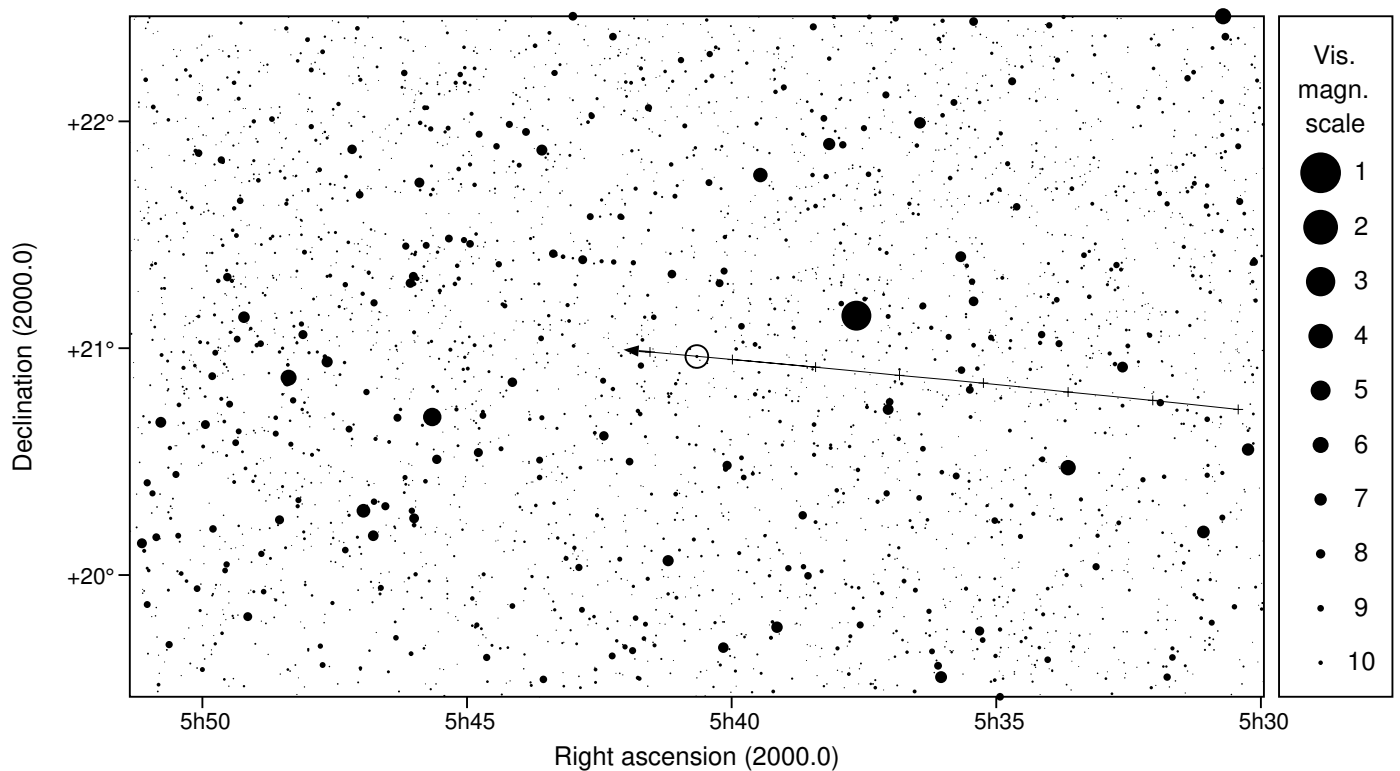
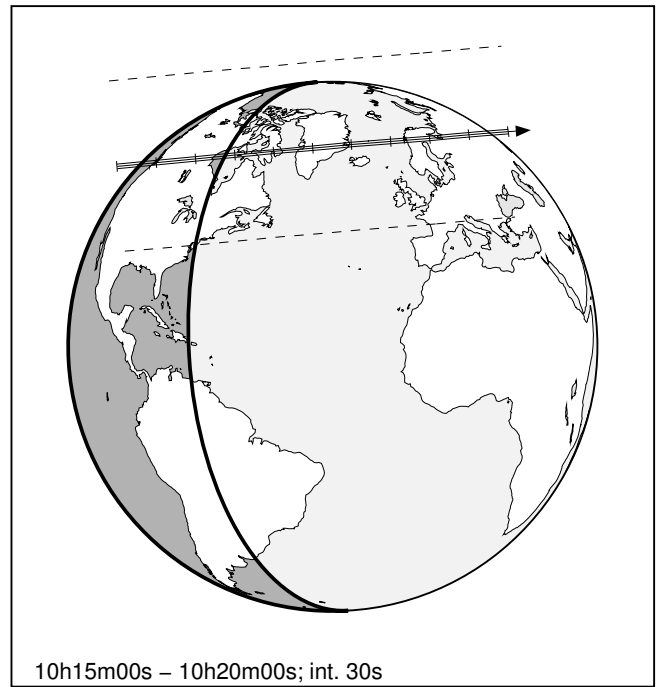
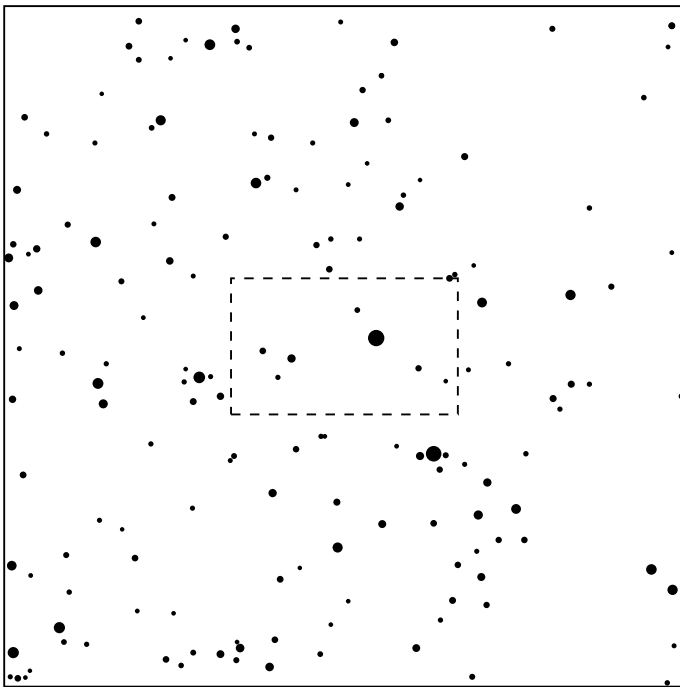
# 42 Isis & UCAC4 555-018289

2025 aug 15 10<sup>h</sup>17.5<sup>m</sup> U.T.

**Planet:**  $a = 2.44$ ,  $e = 0.22$   
 V. mag. = 12.76    Diam. = 107.0 km = 0.05"  
 $\mu = 54.91''/h$      $\pi = 3.09''$     Ref. = EG2023

**Star:**    Source cat. DR3  
 $\alpha = 5^h40^m39.320^s$      $\delta = +20^\circ57'46.86''$   
 Vmag = 10.74    Bmag = 12.44

$\Delta m = 2.2$     Max. dur. = 3.4s    Sun : 57°    Moon : 44° , 59%



# 42 Isis & UCAC4 555-018289

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10h15m00s – 10h20m00s; int. 30s