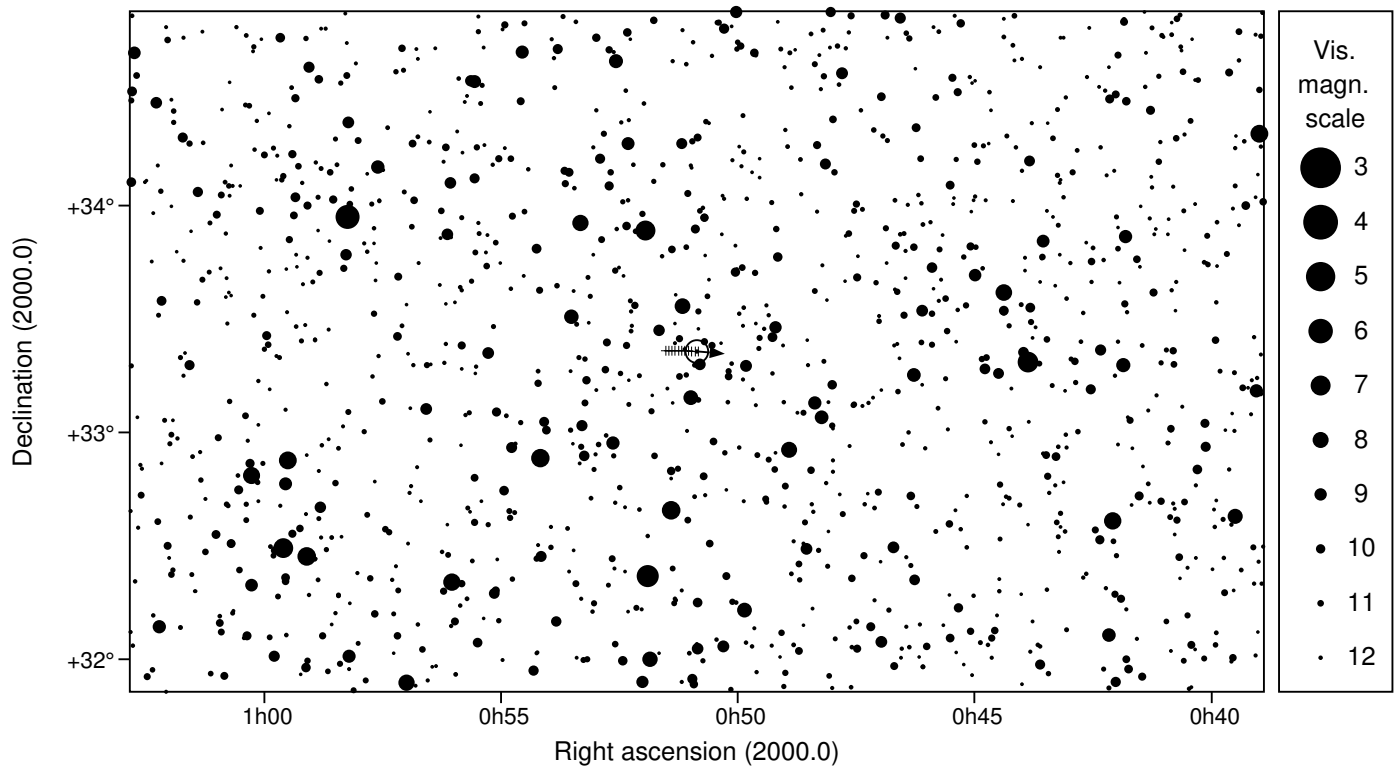
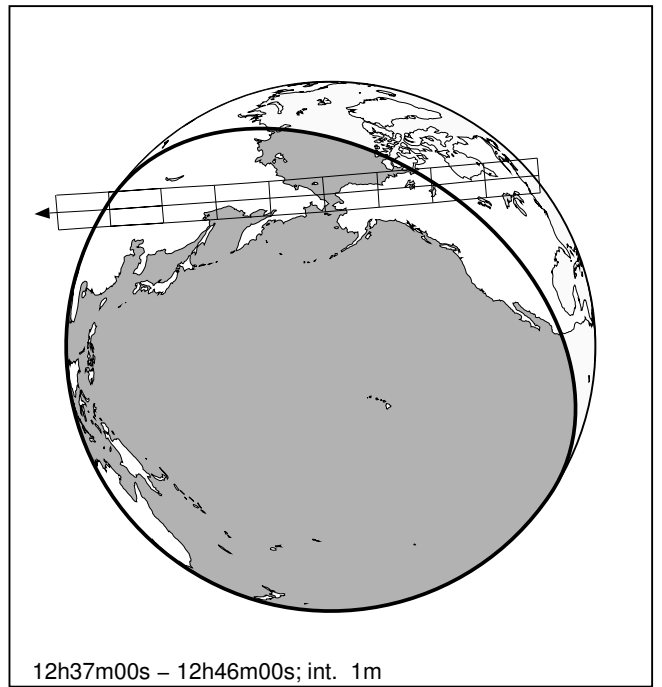
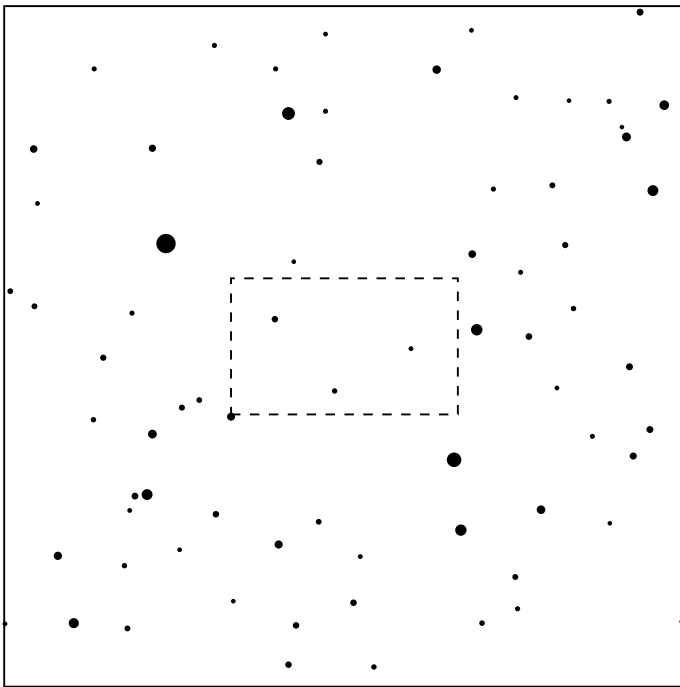


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2018 sep 12 12<sup>h</sup>41.1<sup>m</sup> U.T.

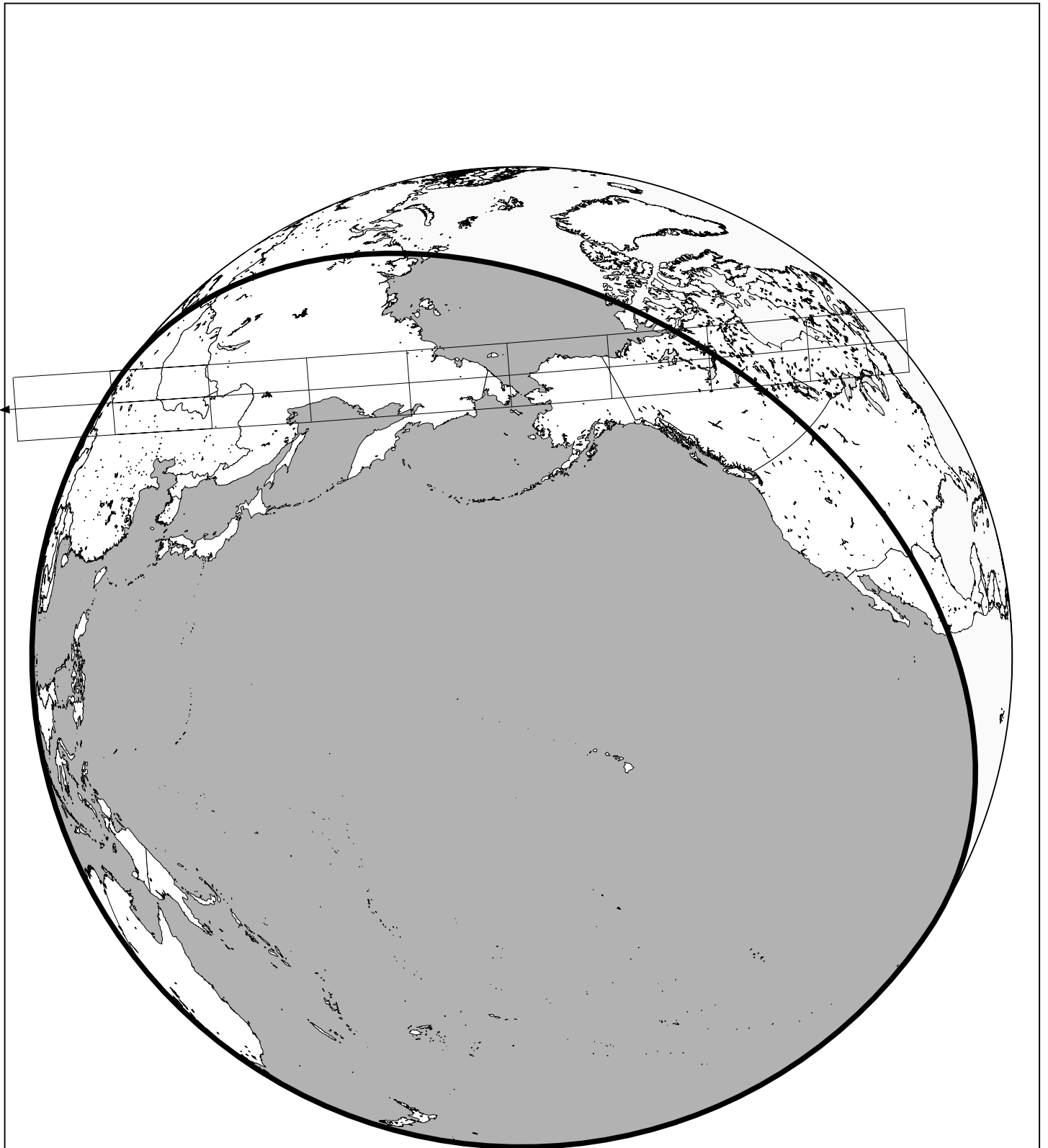
**Planet:**  $a = 43.38$ ,  $e = 0.14$   
 $V. \text{ mag.} = 20.42$   $\text{Diam.} = 831.8 \text{ km} = 0.02''$   
 $\mu = 2.27''/\text{h}$   $\pi = 0.19''$   $\text{Ref.} = \text{MPO143241}$   
 $\Delta m = 8.4$   $\text{Max. dur.} = 38.4\text{s}$

**Star:**  $\alpha = 0^{\text{h}}50^{\text{m}}51.904^{\text{s}}$   $\delta = +33^{\circ}21'28.56''$   
 $V\text{mag} = 12.06$   $B\text{mag} = 12.38$   
 $\text{Sun} : 136^{\circ}$   $\text{Moon} : 149^{\circ}, 10\%$



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12h37m00s – 12h46m00s; int. 1m