

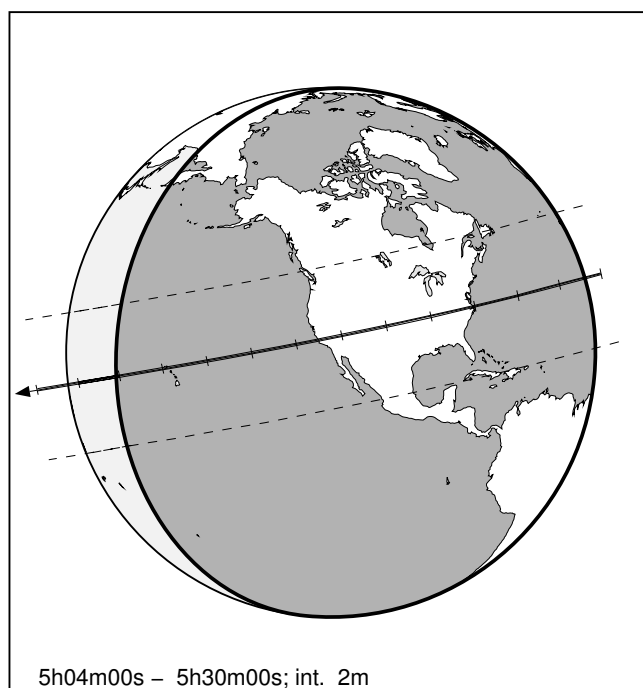
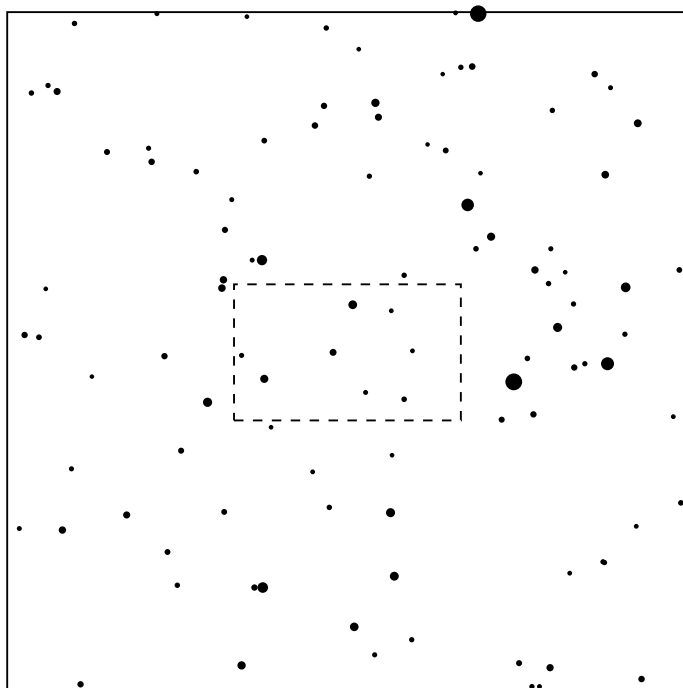
448 Natalie & UCAC4 613-013260

2023 jan 2 5^h16.6^m U.T.

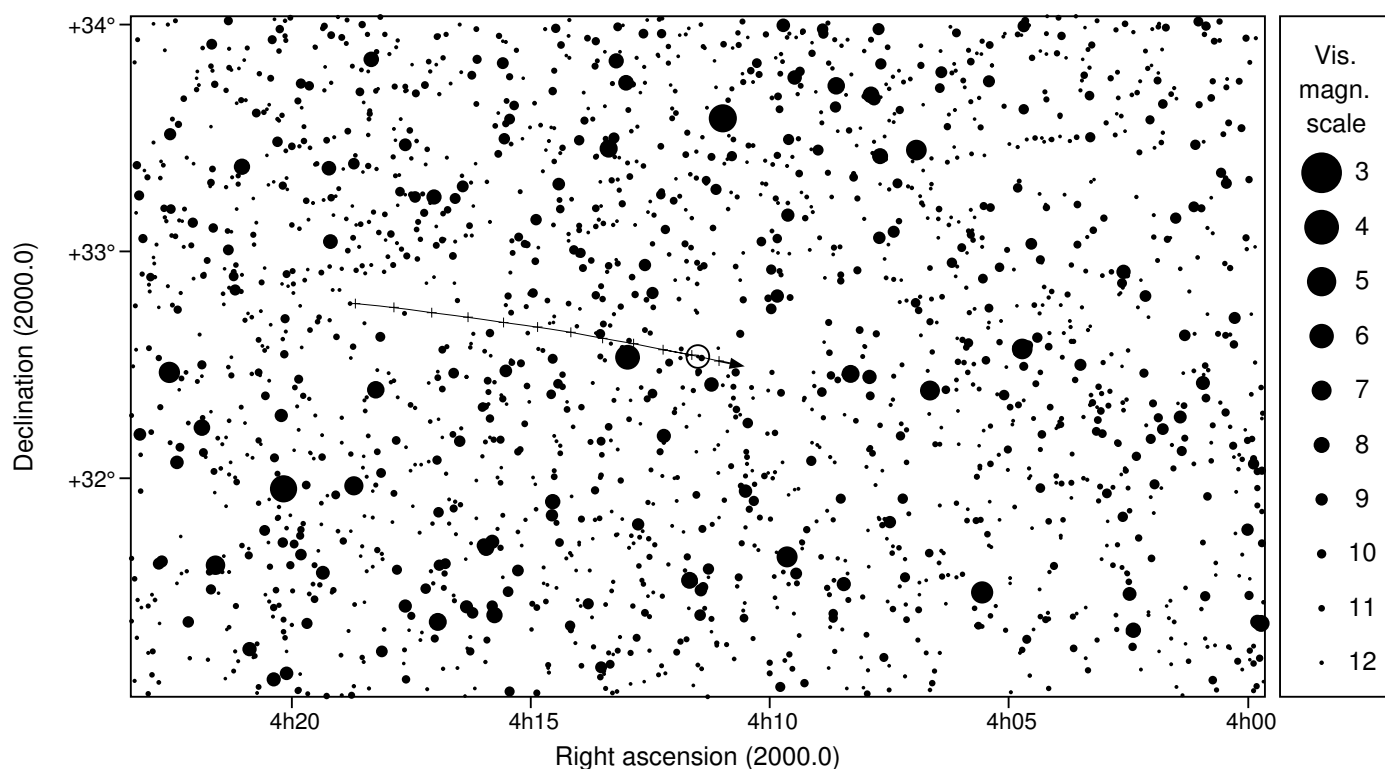
Planet: $a = 3.15$, $e = 0.18$
 V. mag. = 15.34 Diam. = 49.7 km = 0.03"
 $\mu = 18.67''/h$ $\pi = 3.74''$ Ref. = EG2021

Star: Source cat. EDR3
 $\alpha = 4^h11^m30.380^s$ $\delta = +32^\circ32'11.00''$
 Vmag = 12.39 Bmag = 13.05

$\Delta m = 3.0$ Max. dur. = 5.6s Sun : 144° Moon : 21° , 80%

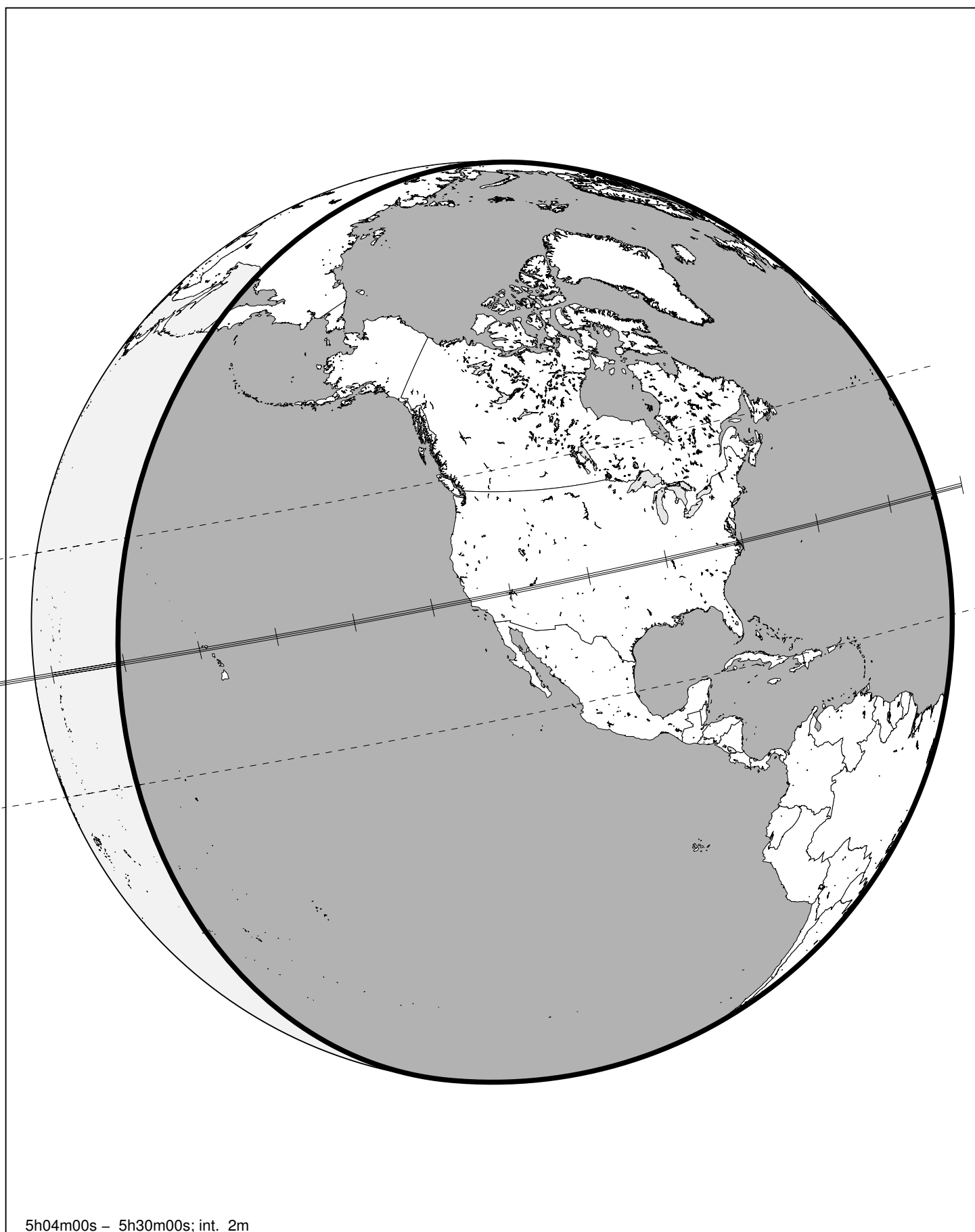


5h04m00s – 5h30m00s; int. 2m



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5h04m00s – 5h30m00s; int. 2m