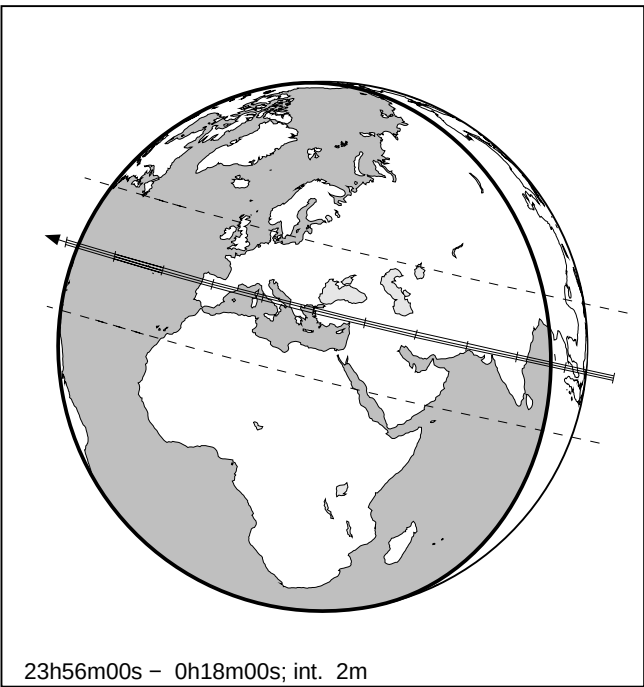
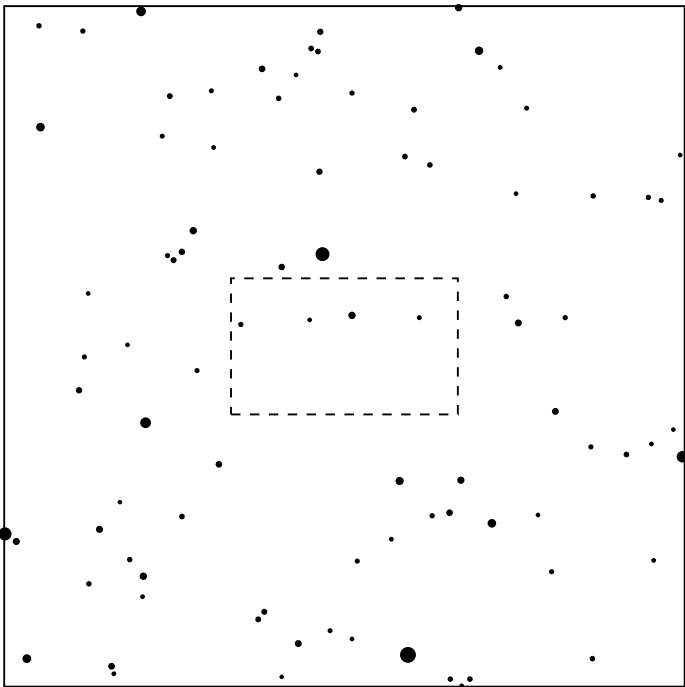


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2012 dec 3 0^h 7.3^m U.T.

Planet:	a = 3.01, e = 0.06	Star:	Source cat. UCAC2
V. mag. = 13.45	Diam. = 120.0 km = 0.07"	$\alpha = 6^{\text{h}}50^{\text{m}}29.566^{\text{s}}$	$\delta = +31^{\circ}55'48.12''$
$\mu = 22.88''/\text{h}$	$\pi = 3.97''$ Ref. = EG2010	V. mag. = 11.18	Ph. mag. = 0.00
$\Delta m = 2.4$	Max. dur. = 11.7s	Sun : 149°	Moon : 23° , 83%



23h56m00s – 0h18m00s; int. 2m

