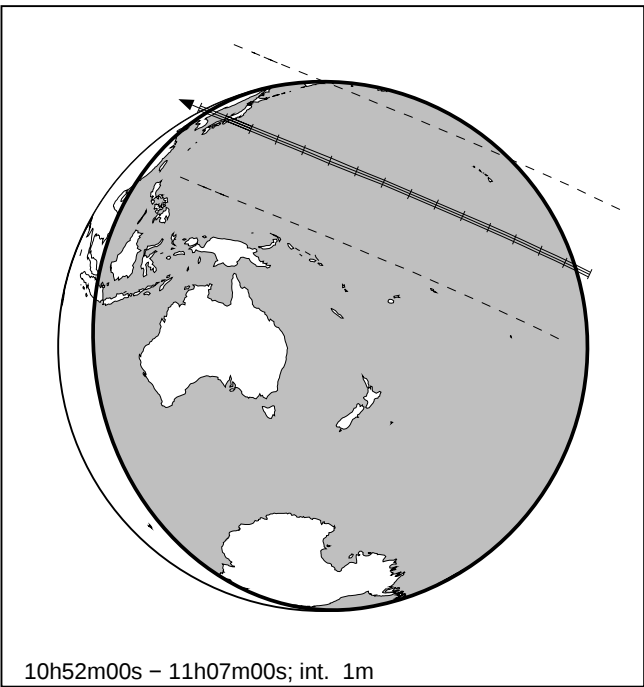
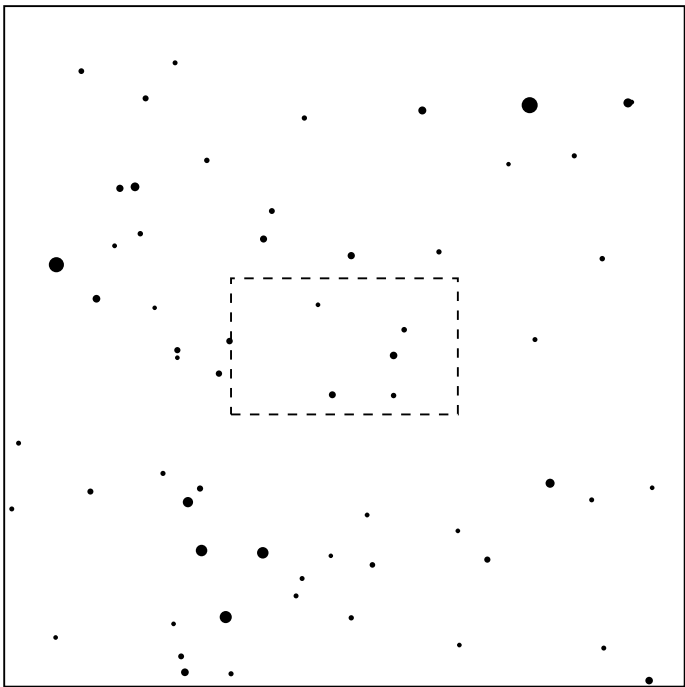


328 Gudrun & PPMX 12493532

2013 may 19 10^h59.7^m U.T.

Planet:	a = 3.10, e = 0.12	Star:	Source cat. PPMX
V. mag. = 14.54	Diam. = 120.0 km = 0.07"	$\alpha = 13^{\text{h}}37^{\text{m}}30.452^{\text{s}}$	$\delta = -28^{\circ}29'15.55''$
$\mu = 23.35''/\text{h}$	$\pi = 3.71''$ Ref. = EG2011	Vmag = 11.57	Bmag = 11.95
$\Delta m = 3.0$	Max. dur. = 10.8s	Sun : 149°	Moon : 50° , 63%



10h52m00s – 11h07m00s; int. 1m

