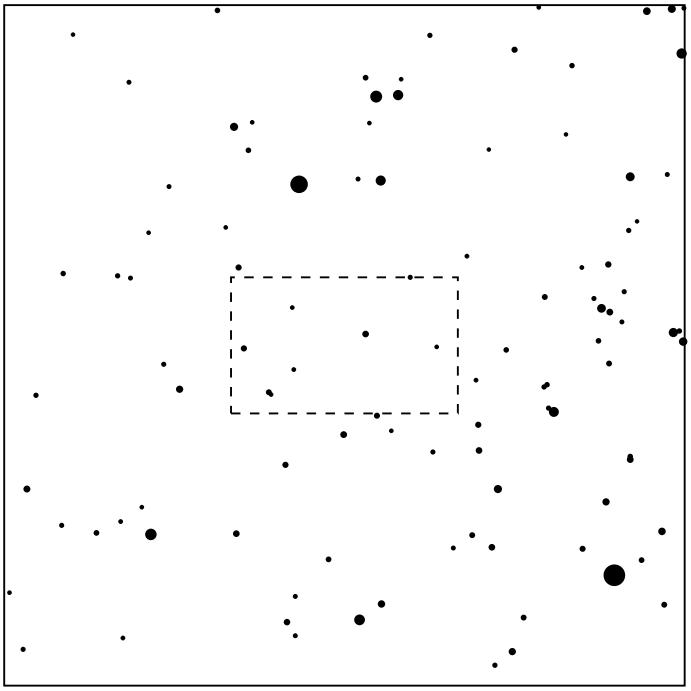
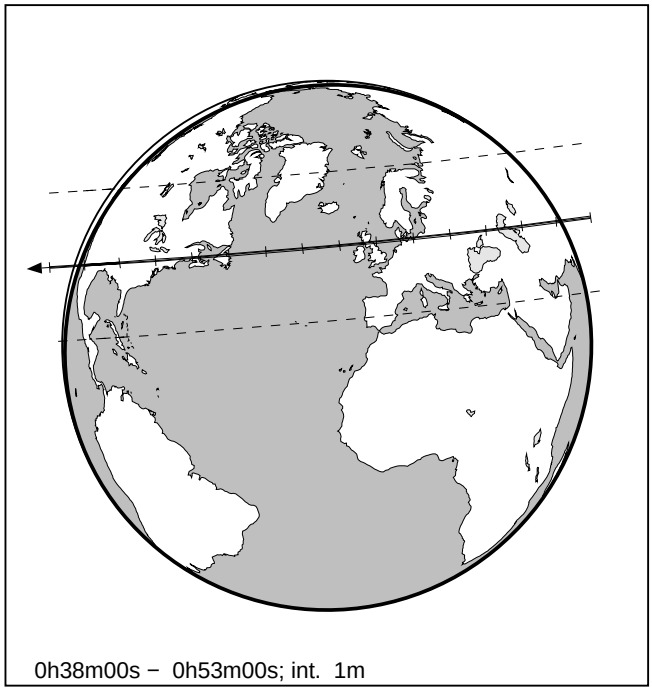
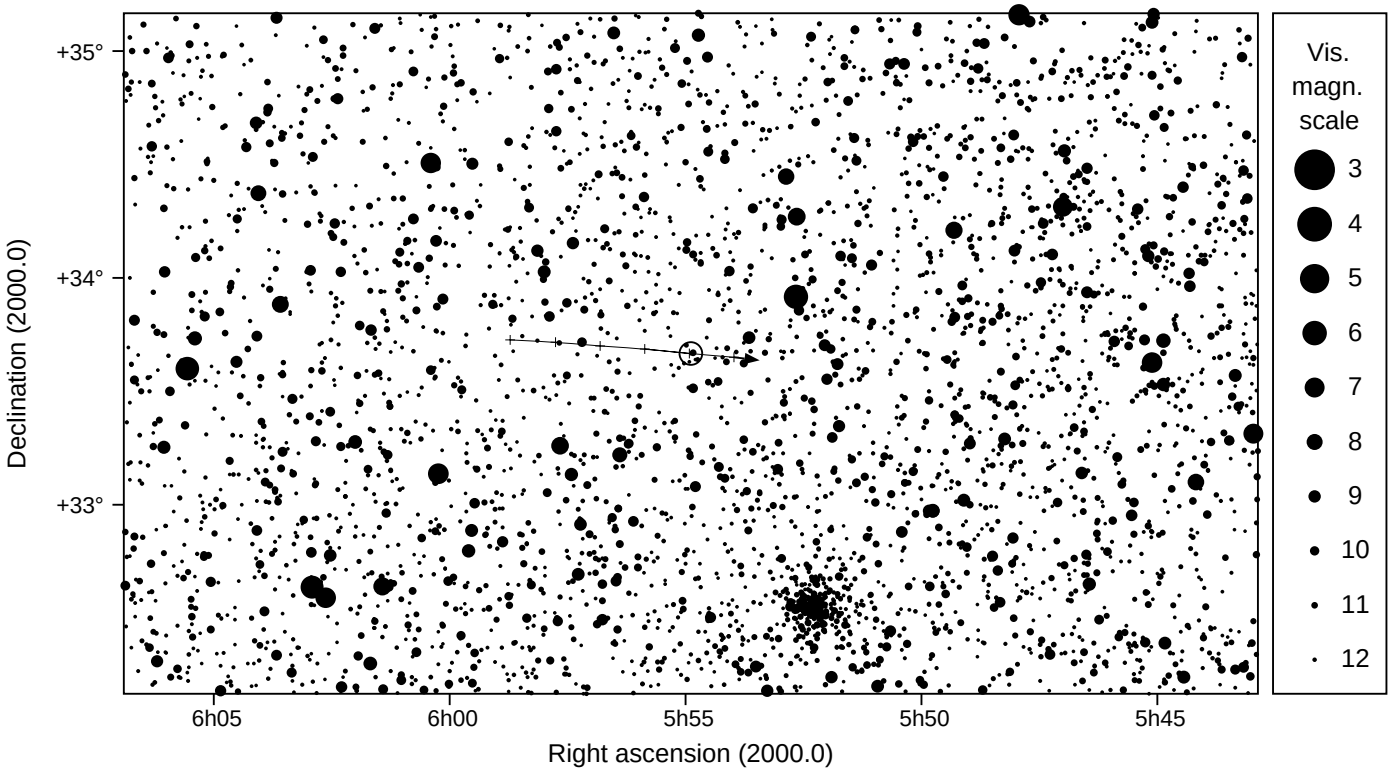
1859 Kovalevskaya & UCAC4−619−029078

2014 dec 29 $0^h45.6^m$ U.T.

Planet:	a = 3.20, e = 0.11	**Star:**	Source cat. UCAC4
V. mag. = 15.19	Diam. = 48.6 km = 0.03"	$\alpha = 5^h54^m53.498^s$	$\delta = +33°39'59.51"$
$\mu = 29.43"/h$	$\pi = 3.56"$ Ref. = EG2012	Vmag = 12.34	Bmag = 12.65
$\Delta m = 2.9$	Max. dur. = 3.3s	Sun : 166°	Moon : 79° , 53%