

20 Massalia & PPMX 6837491

2013 dec 7 13^h52.3^m U.T.

Planet: $a = 2.41, e = 0.14$
 V. mag. = 10.48 Diam. = 151.0 km = 0.15"
 $\mu = 8.80''/h$ $\pi = 6.51''$ Ref. = EG2011

Star: Source cat. PPMX
 $\alpha = 1^h58^m54.779^s$ $\delta = +11^\circ38'41.10''$
 Vmag = 12.06 mag =

$\Delta m = 0.2$ Max. dur. = 63.0s Sun : 136° Moon : 73° , 28%

