

111 Ate & PPMX 4903429

2013 nov 27 19^h16.0^m U.T.

Planet: $a = 2.59, e = 0.10$
 V. mag. = 11.67 Diam. = 139.0 km = 0.13"
 $\mu = 36.23''/h$ $\pi = 6.19''$ Ref. = EG2011

Star: Source cat. PPMX
 $\alpha = 3^h57^m40.286^s$ $\delta = +27^\circ59'04.75''$
 Vmag = 11.36 Bmag = 12.24

$\Delta m = 0.9$ Max. dur. = 13.4s

Sun : 172° Moon : 115° , 31%

