

# 138 Tolosa & PPMX 4916292

2014 feb 4 0<sup>h</sup>27.3<sup>m</sup> U.T.

**Planet:**  $a = 2.45, e = 0.16$   
 V. mag. = 13.56 Diam. = 47.5 km = 0.03"  
 $\mu = 14.08''/h$   $\pi = 4.08''$  Ref. = EG2012

**Star:** Source cat. PPMX  
 $\alpha = 4^h12^m38.487^s$   $\delta = +23^\circ12'56.29''$   
 mag = Bmag = 12.72

$\Delta m = 1.8$

Max. dur. = 7.8s

Sun : 110°

Moon : 54° , 22%

