

# 441 Bathilde & TYC 1307-01239-1

2012 jan 5 2<sup>h</sup>55.4<sup>m</sup> U.T.

**Planet:**  $a = 2.81, e = 0.08$   
 V. mag. = 12.13    Diam. = 73.2 km = 0.06"  
 $\mu = 31.15''/h$      $\pi = 5.40''$     Ref. = EG2010

**Star:**    Source cat. TYC2  
 $\alpha = 5^h47^m23.121^s$      $\delta = +19^\circ00'11.77''$   
 V. mag. = 11.59    Ph. mag. = 12.49

$\Delta m = 1.1$     Max. dur. = 7.2s

Sun : 162°    Moon : 32° , 83%

