

# 447 Valentine & UCAC4-559-008735

2014 jan 9 19<sup>h</sup>45.2<sup>m</sup> U.T.

**Planet:**  $a = 2.99, e = 0.04$   
 V. mag. = 13.72    Diam. = 82.0 km = 0.05"  
 $\mu = 9.91''/h$      $\pi = 4.15''$     Ref. = EG2012

**Star:**    Source cat. UCAC4  
 $\alpha = 4^h07^m21.643^s$      $\delta = +21^\circ36'53.24''$   
 Vmag = 10.99    Bmag = 11.63

$\Delta m = 2.8$     Max. dur. = 19.4s    Sun : 134°    Moon : 25° , 67%

