

# 69 Hesperia & PPMX 8964896

2013 dec 24 17<sup>h</sup>28.2<sup>m</sup> U.T.

**Planet:** a = 2.98, e = 0.17  
 V. mag. = 13.23 Diam. = 143.0 km = 0.07"  
 μ = 28.51"/h π = 3.18" Ref. = EG2011

**Star:** Source cat. PPMX  
 α = 0<sup>h</sup>10<sup>m</sup>10.735<sup>s</sup> δ = - 1°41'26.26"  
 Vmag = 11.43 Bmag = 12.30

Δm = 2.0 Max. dur. = 9.0s

Sun : 88° Moon : 170° , 58%

