

# 238 Hypatia – UCAC2 33362221

2009 dec 1 4<sup>h</sup>54.4<sup>m</sup> U.T.

**Planet:**  $a = 2.91, e = 0.09$   
 V. mag. = 12.48    Diam. = 156.0 km = 0.11"  
 $\mu = 23.91''/h$      $\pi = 4.65''$     Ref. = EG2005

**Star:**    Source cat. UCAC2  
 $\alpha = 6^h37^m38.228^s$      $\delta = +4^\circ57'46.16''$   
 V. mag. = 11.98    Ph. mag. = 0.00

$\Delta m = 1.0$     Max. dur. = 17.1s    Sun : 144°    Moon : 50° , 98%

