

# 578 Happelia – TYC 6903–01077–1

2009 sep 19 9<sup>h</sup>51.2<sup>m</sup> U.T.

**Planet:**  $a = 2.75, e = 0.20$   
 V. mag. = 13.08 Diam. = 71.6 km = 0.06"  
 $\mu = 22.81''/h$   $\pi = 5.50''$  Ref. = EG2005  
 $\Delta m = 2.1$  Max. dur. = 9.8s

**Star:** Source cat. TYC2  
 $\alpha = 19^h55^m38.429^s$   $\delta = -29^\circ10'33.68''$   
 V. mag. = 11.15 Ph. mag. = 11.85  
 Sun : 118° Moon : 109° , 1%

