

# 219 Thusnelda & UCAC4-457-108185

2017 aug 16 15<sup>h</sup>35.6<sup>m</sup> U.T.

**Planet:**  $a = 2.35$ ,  $e = 0.22$   
 V. mag. = 11.28    Diam. = 43.6 km = 0.07"  
 $\mu = 31.87''/h$      $\pi = 9.66''$     Ref. = EG2015

**Star:**    Source cat. UCAC4  
 $\alpha = 20^h 13^m 26.833^s$      $\delta = + 1^\circ 16' 19.11''$   
 Vmag = 11.65    Bmag = 13.16

$\Delta m = 0.6$     Max. dur. = 7.5s    Sun : 153°    Moon : 128° , 32%

