

52 Europa – TYC 1312–01529–1

2009 dec 4 22^h49.0^m U.T.

Planet: $a = 3.11, e = 0.10$
 V. mag. = 10.35 Diam. = 278.0 km = 0.21"
 $\mu = 28.36''/h$ $\pi = 4.76''$ Ref. = EG2005
 $\Delta m = 0.3$ Max. dur. = 26.3s

Star: Source cat. TYC2x
 $\alpha = 5^h56^m54.292^s$ $\delta = +15^\circ20'53.11''$
 V. mag. = 11.49 Ph. mag. = 13.60
 Sun : 161° Moon : 21° , 90%

