

20000 Varuna – TYC 1914–00301–1

2010 feb 19 23^h 7.2^m U.T.

Planet:	$a = 42.80, e = 0.06$	Star:	Source cat. TYC2
V. mag. = 20.09	Diam. = 631.0 km = 0.02"	$\alpha = 7^{\text{h}}29^{\text{m}}22.473^{\text{s}}$	$\delta = +26^{\circ}07'23.15''$
$\mu = 2.17''/\text{h}$	$\pi = 0.21''$ Ref. = MPO143017	V. mag. = 11.10	Ph. mag. = 11.77
$\Delta m = 9.0$	Max. dur. = 33.8s	Sun : 138°	Moon : 73° , 29%

