

# 2019. 9. 13. (Fri) 02h10m UTC TYC 334100182 by (3200) Phaethon

Asteroid : Diam. = 5 km	Star :	R.A.2000 = 04h20m31.19446s $\pm$ 0.0010"
= 0.007"		Dec.2000 = +52°11'27.4028" $\pm$ 0.0010"
error = 0.005"		Mv. = 9.31 mag
Mv. = 17.0 mag		Sp. type =
Vra = -1565"/day		Var. = - mag
Vdec = +733"/day		Sep. =
dist. = 0.96112au		PA =
type = Apollo		dmag =
Sun : elong. = 96°	Partial duration =	
Moon : elong. = 96°	Diffraction 1/4 time = 0.014 sec	
sunlit = +99 %	Extinct. : Dur. = 0.4 sec	
Cond. : score = 62 pt.	drop = 7.7 mag	
Visibility : centerline = 51.70%	$\pm$ 0.5sigma = 28.00%	$\pm$ 2.0sigma = 2.24%
$\pm$ 0.5 r = 49.08%	$\pm$ 1.0sigma = 15.05%	$\pm$ 2.5sigma = 0.62%
N/S edge = 41.97%	$\pm$ 1.5sigma = 6.50%	$\pm$ 3.0sigma = 0.13%

01h54m30s - 02h09m30s step 1 min.

