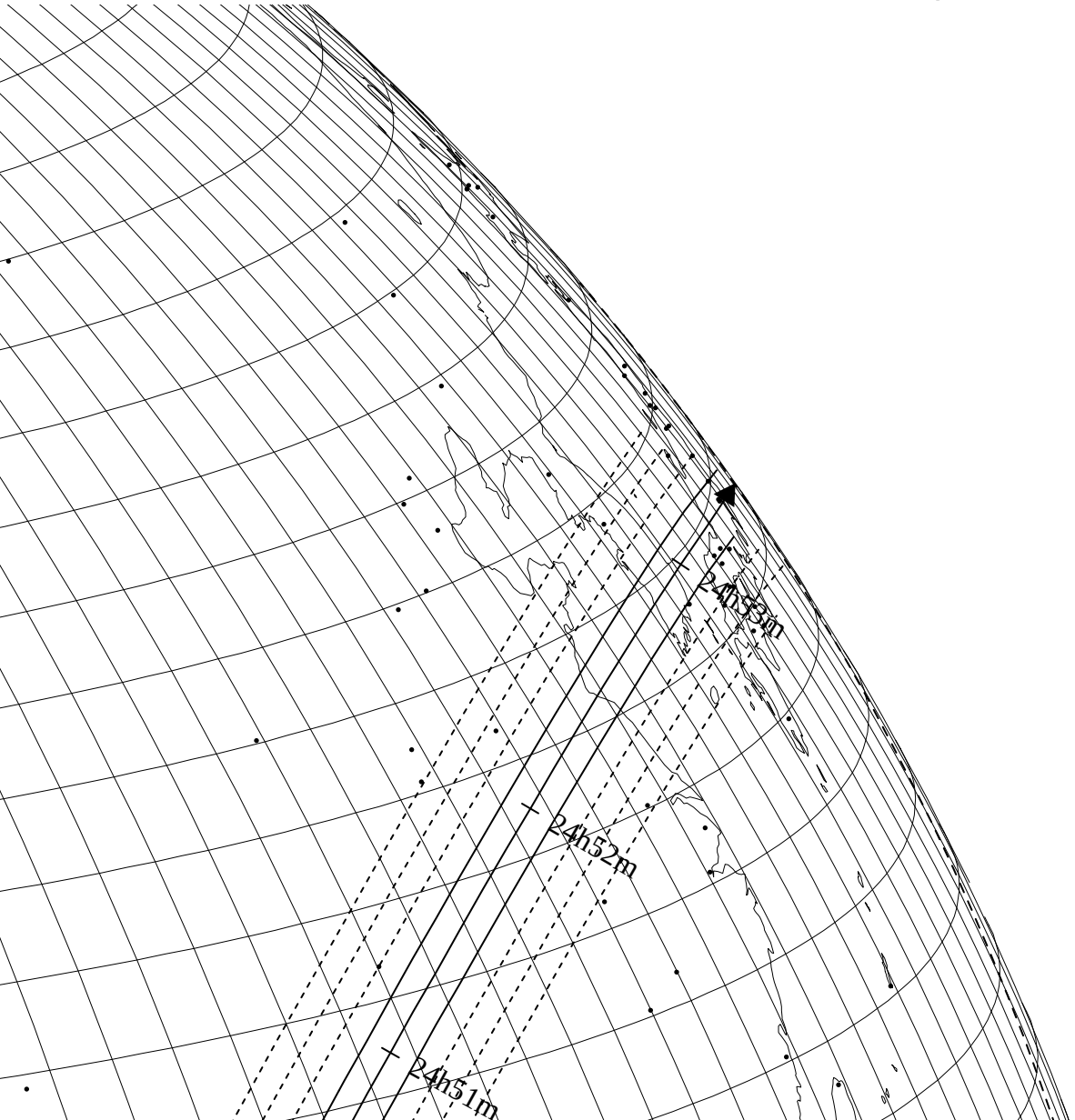
2010. 2. 6. (Sat) 24h47m JST
TYC 067100593 by (618) Elfriede

Asteroid :	Diam. = 120 km	Star :	R.A.2000 = 04h16m18.0137s	± 0.023"
	= 0.059"		Dec.2000 = +11˚13'29.490"	± 0.025"
	error = 0.017"		Mv. = 10.93 mag	
	Mv. = 13.9 mag		Sp. type =	
	Vra = +3.7'/day		Var. = - mag	
	Vdec = +6.7'/day		Sep. =	
	dist. = 2.79687AU		PA =	
	group =		dmag =	
Sun :	elong. = 106˚	Partial duration =		
Moon :	elong. = 163˚	Diffraction 1/4 time = 0.031 sec		
	sunlit = -43 %	Extinct. :	Dur. = 11.1 sec	
Cond. :	score = 91 pt.		drop = 3.0 mag	

Visibility :	centerline = 68.80%	±0.5sigma = 30.27%	±2.0sigma = 2.27%		
	±0.5 r = 62.87%	±1.0sigma = 15.74%	±2.5sigma = 0.62%		
	N/S edge = 47.84%	±1.5sigma = 6.66%	±3.0sigma = 0.13%		

24h35m40s - 24h53m10s step 1 min.