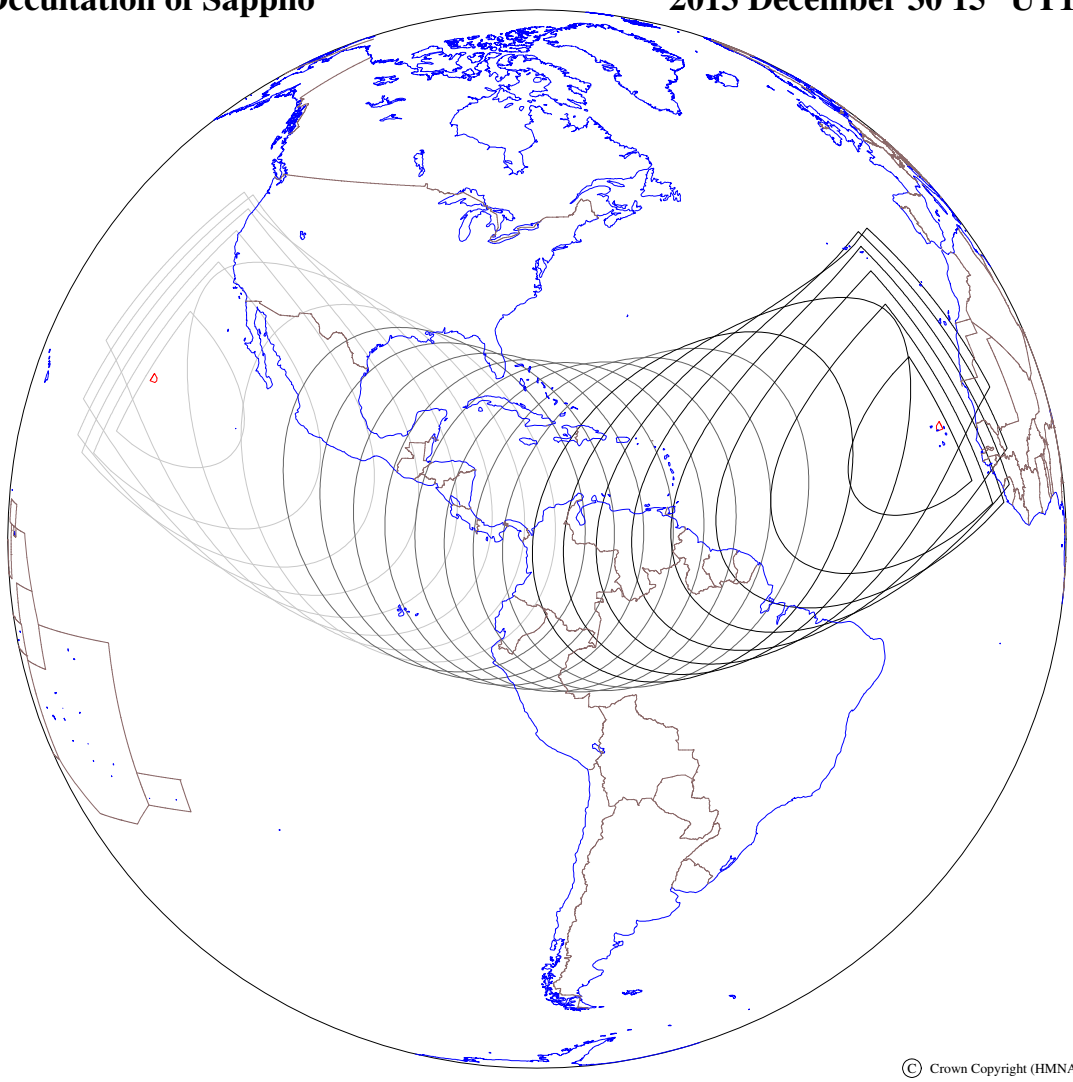
Occultation of Sappho **2013 December 30 15^h UT1**



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Conjunction	2013 December 30		
Time	$15^h\ 18^m\ 29^s$ TT	Centre of the globe: longitude	$076^\circ.3$ W
Right ascension	$16^h\ 48^m\ 57^s$	latitude	$07^\circ.5$ N
Declination	$-19^\circ\ 46'\ 58''$	First shadow 2013 Dec. 30 at	$13^h\ 19^m.9$ UT1
		Last shadow 2013 Dec. 30 at	$17^h\ 19^m.7$ UT1
Delta T = TT - UT1 =	$67^s.0$	Footprints (light to dark) every	$00^h\ 10^m.0$