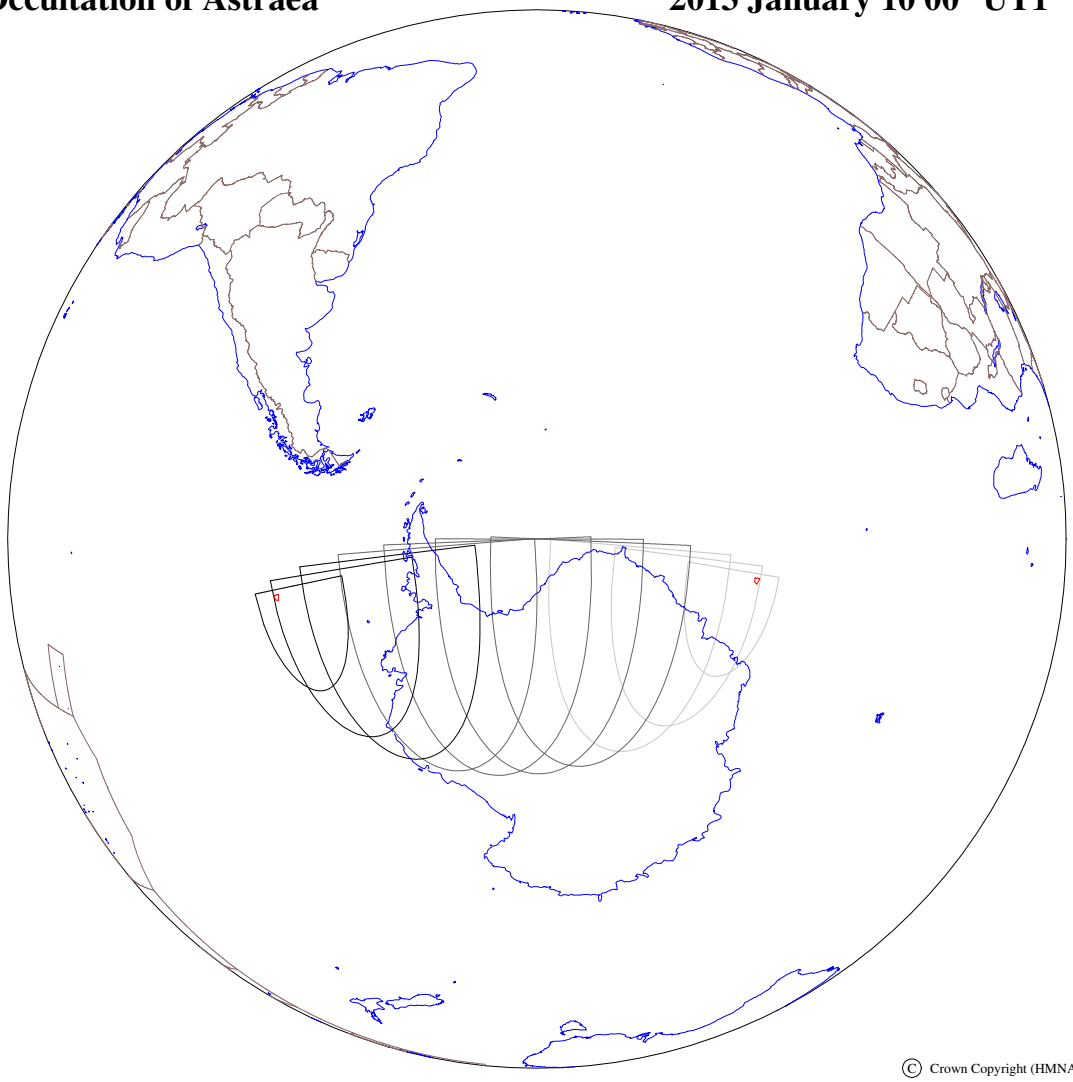
Occultation of Astraea **2013 January 10 00^h UT1**



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Conjunction	2013 January 10		
Time	$00^h\ 11^m\ 43^s$ TT	Centre of the globe: longitude	$028^\circ.2$ W
Right ascension	$17^h\ 36^m\ 41^s$	latitude	$70^\circ.4$ S
Declination	$-19^\circ\ 35'\ 30''$	First shadow 2013 Jan. 09 at	$23^h\ 24^m.6$ UT1
		Last shadow 2013 Jan. 10 at	$01^h\ 05^m.8$ UT1
Delta T = TT - UT1 =	$67^s.0$	Footprints (light to dark) every	$00^h\ 10^m.0$