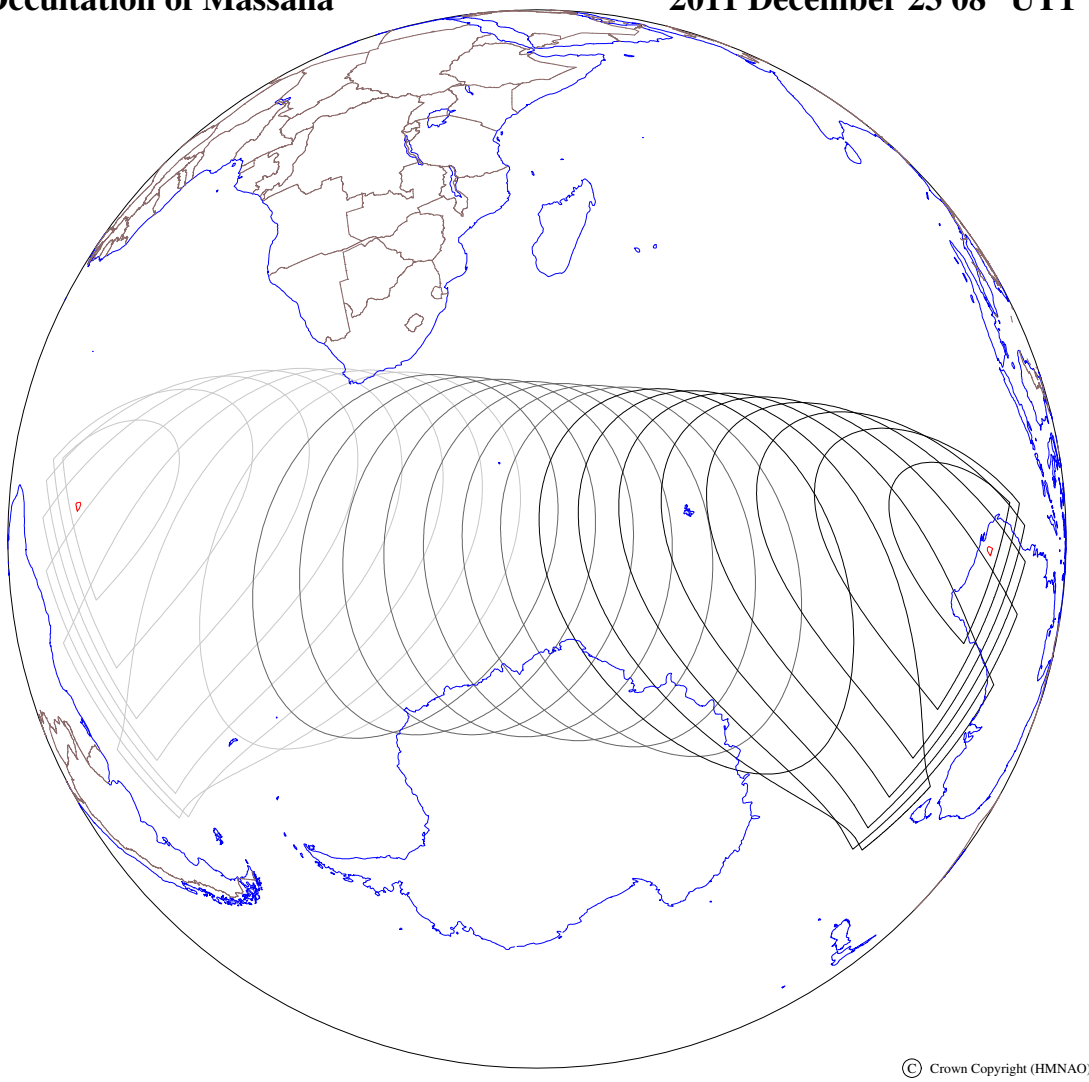
Occultation of Massalia **2011 December 23 08^h UT1**



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Conjunction	2011 December 23		
Time	$07^h\ 41^m\ 48^s$ TT	Centre of the globe: longitude	$043^\circ.7$ E
Right ascension	$16^h\ 41^m\ 28^s$	latitude	$55^\circ.4$ S
Declination	$-21^\circ\ 52'\ 49''$	First shadow 2011 Dec. 23 at	$05^h\ 41^m.9$ UT1
		Last shadow 2011 Dec. 23 at	$09^h\ 35^m.0$ UT1
Delta T = TT - UT1 =	$67^s.0$	Footprints (light to dark) every	$00^h\ 10^m.0$