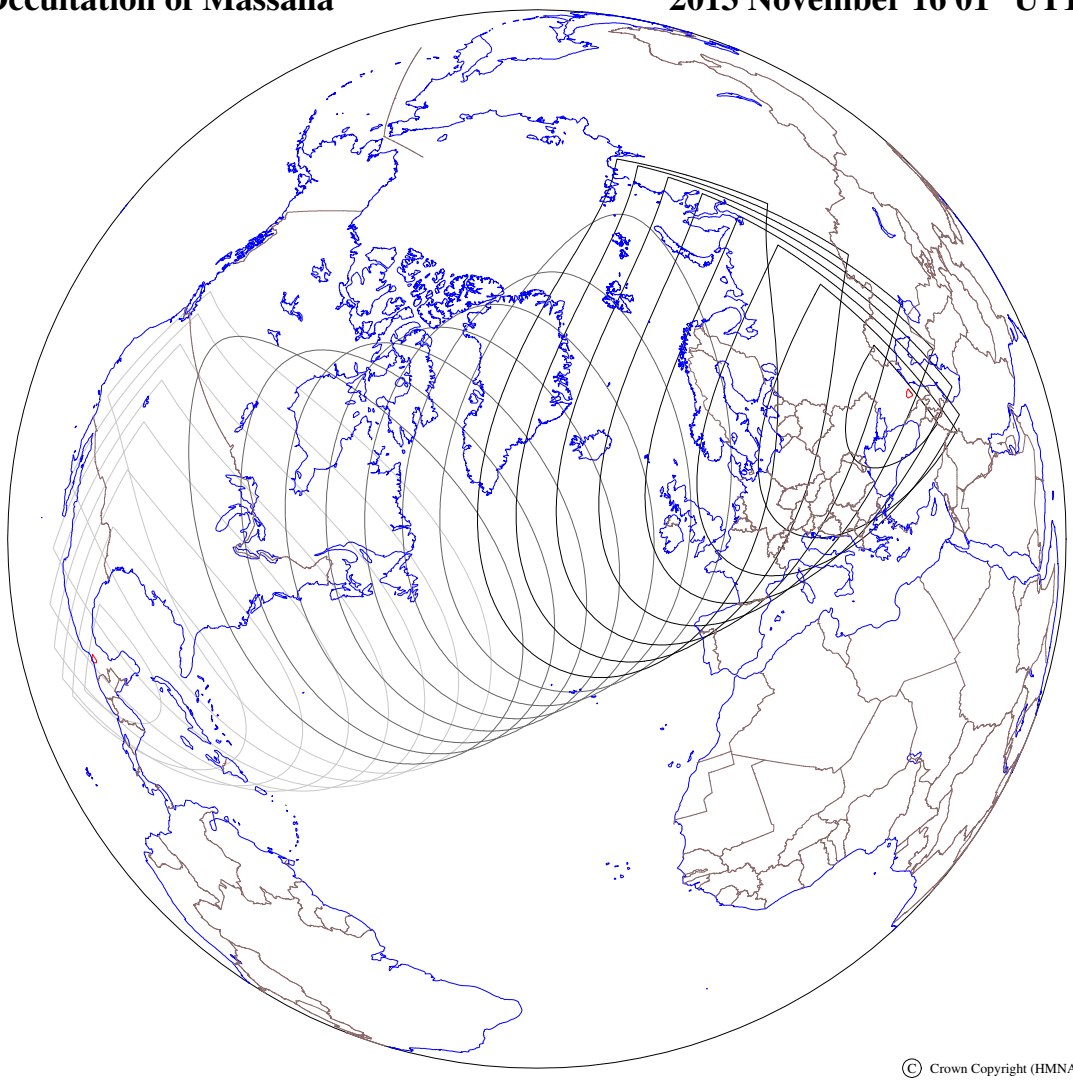
Occultation of Massalia **2013 November 16 01^h UT1**



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Conjunction	2013 November 16		
Time	$00^h\ 44^m\ 15^s$ TT	Centre of the globe: longitude	$033^\circ.1$ W
Right ascension	$2^h\ 11^m\ 35^s$	latitude	$55^\circ.5$ N
Declination	$+12^\circ\ 51'\ 39''$	First shadow 2013 Nov. 15 at	$22^h\ 32^m.7$ UT1
		Last shadow 2013 Nov. 16 at	$02^h\ 18^m.7$ UT1
Delta T = TT - UT1 =	$67^s.0$	Footprints (light to dark) every	$00^h\ 10^m.0$