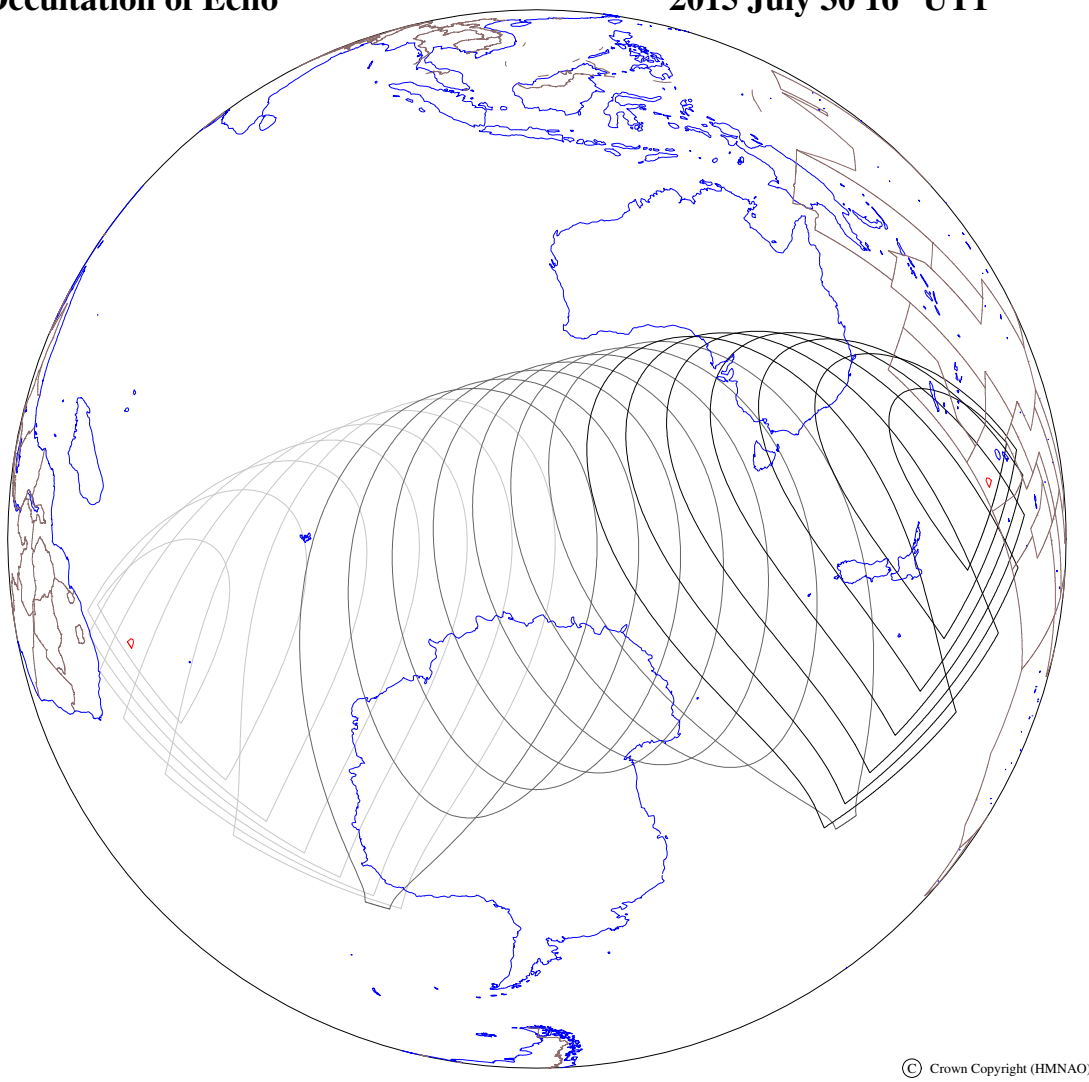
Occultation of Echo **2015 July 30 16^h UT1**



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Conjunction	2015 July 30		
Time	$15^h\ 53^m\ 08^s$ TT	Centre of the globe: longitude	111°.6 E
Right ascension	$19^h\ 50^m\ 24^s$	latitude	57°.5 S
Declination	$-15^\circ\ 36'\ 30''$	First shadow 2015 July 30 at	$14^h\ 15^m.6$ UT1
		Last shadow 2015 July 30 at	$17^h\ 48^m.1$ UT1
Delta T = TT - UT1 =	$68^s.0$	Footprints (light to dark) every	$00^h\ 10^m.0$