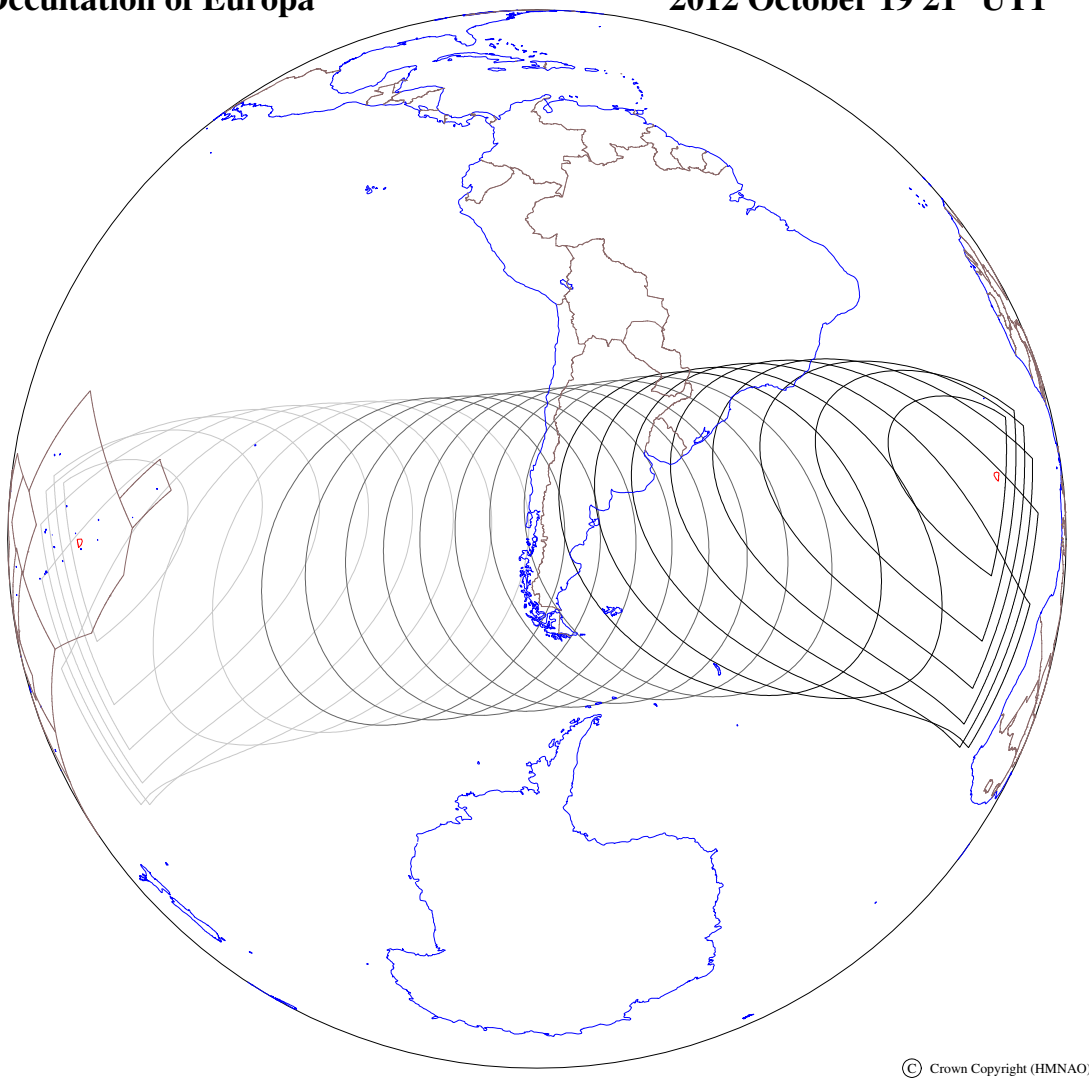
**Occultation of Europa** **2012 October 19 21$^h$ UT1**



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|---|---|---|---|
| Conjunction | 2012 October 19 | | |
| Time | $20^h\ 44^m\ 25^s$ TT | Centre of the globe: longitude | 072°.7 W |
| Right ascension | $17^h\ 47^m\ 18^s$ | latitude | 44°.7 S |
| Declination | –20° 18′ 46″ | First shadow 2012 Oct. 19 at | $18^h\ 43^m.9$ UT1 |
| | | Last shadow 2012 Oct. 19 at | $22^h\ 47^m.7$ UT1 |
| Delta T = TT - UT1 = | $66^s.0$ | Footprints (light to dark) every | $00^h\ 10^m.0$ |