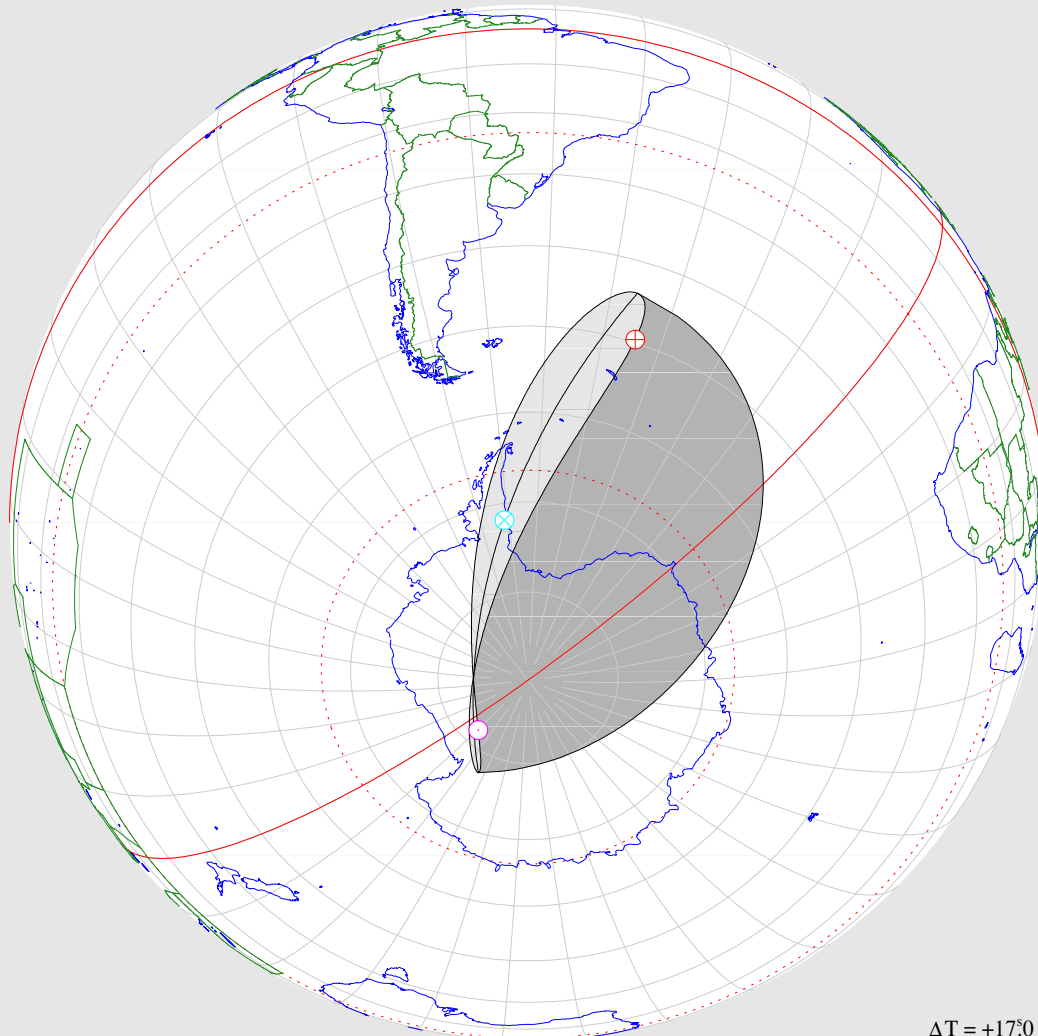


IV. - Partial Eclipse of the Sun

1790 October 08



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$\Delta T = +17^s 0$
Globe centred on W 53°1 and S 72°3

| Circumstances | Time (UT) | Longitude | Latitude |
|--|---------------------------|----------------|----------------|
| | ^h ^m | ^o / | ^o / |
| ⊕ Eclipse begins; first contact with Earth | 7 37.0 | W 34 27.9 | S 49 37.3 |
| Beginning of northern limit of penumbra | 7 48.2 | W 35 59.5 | S 44 05.1 |
| ⊗ Greatest eclipse (magnitude = 0.2287) | 8 38.6 | W 61 28.2 | S 71 50.5 |
| End of northern limit of penumbra | 9 28.5 | E 153 04.9 | S 77 28.4 |
| ○ Eclipse ends; last contact with Earth | 9 39.7 | E 169 29.9 | S 81 51.7 |