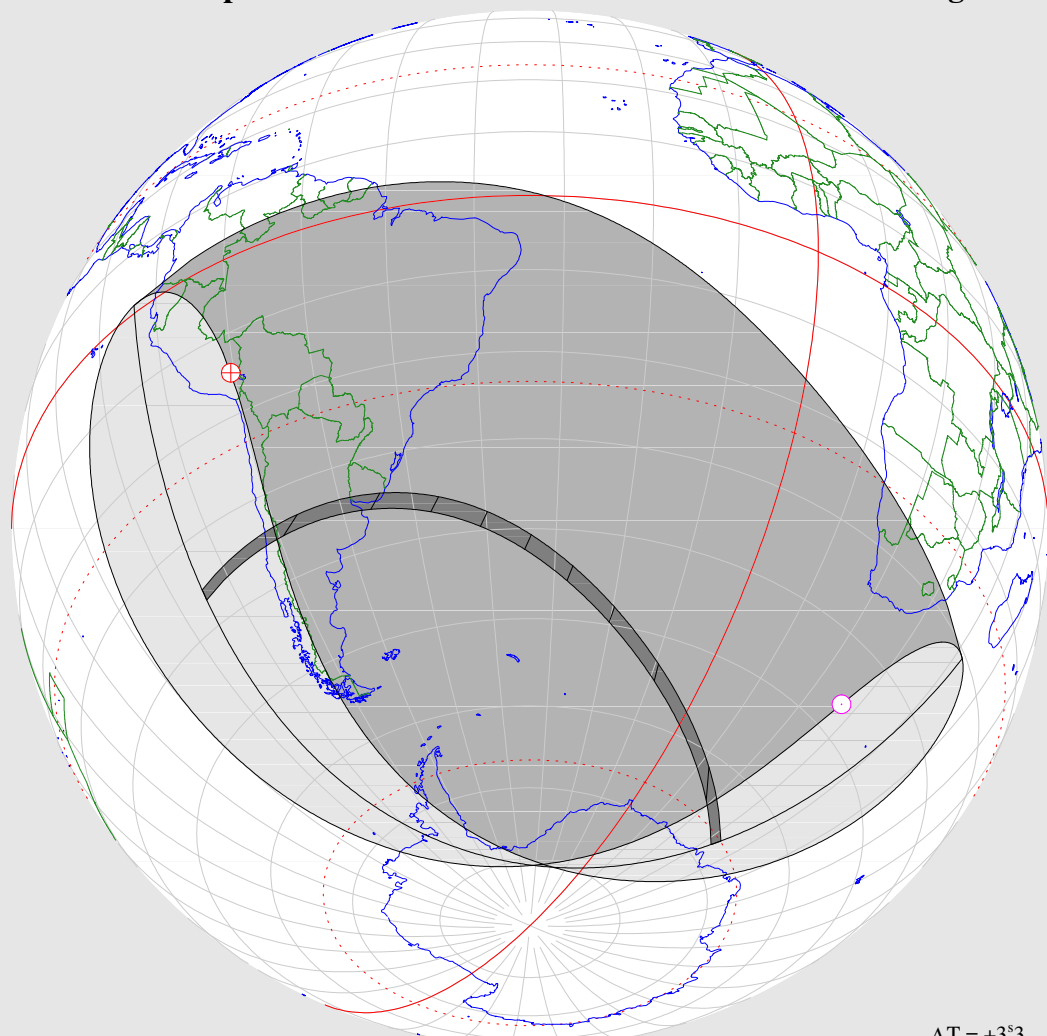


III. - Total Eclipse of the Sun

1867 August 29



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$\Delta T = +3^s.3$
Globe centred on W 33°8 and S 40°0

| Circumstances | Time (UT) | Longitude | Latitude |
|--|---------------------------|----------------|----------------|
| | ^h ^m | ^o / | ^o / |
| ⊕ Eclipse begins; first contact with Earth | 10 53.1 | W 70 29.3 | S 14 56.1 |
| Beginning of northern limit of penumbra | 11 34.6 | W 83 37.3 | N 1 10.1 |
| Beginning of northern limit of umbra | 12 07.8 | W 84 53.3 | S 35 38.3 |
| Beginning of centre line; central eclipse begins | 12 08.7 | W 84 57.1 | S 36 15.1 |
| Beginning of southern limit of umbra | 12 09.6 | W 85 01.0 | S 36 52.5 |
| Central eclipse at local apparent noon | 13 37.2 | W 24 05.5 | S 46 37.2 |
| End of southern limit of umbra | 14 16.2 | E 32 29.5 | S 67 33.3 |
| End of centre line; central eclipse ends | 14 17.1 | E 32 56.7 | S 67 00.1 |
| End of northern limit of umbra | 14 17.9 | E 33 21.8 | S 66 27.1 |
| End of northern limit of penumbra | 14 51.4 | E 41 44.6 | S 30 32.0 |
| ⊙ Eclipse ends; last contact with Earth | 15 32.9 | E 26 56.9 | S 46 27.2 |