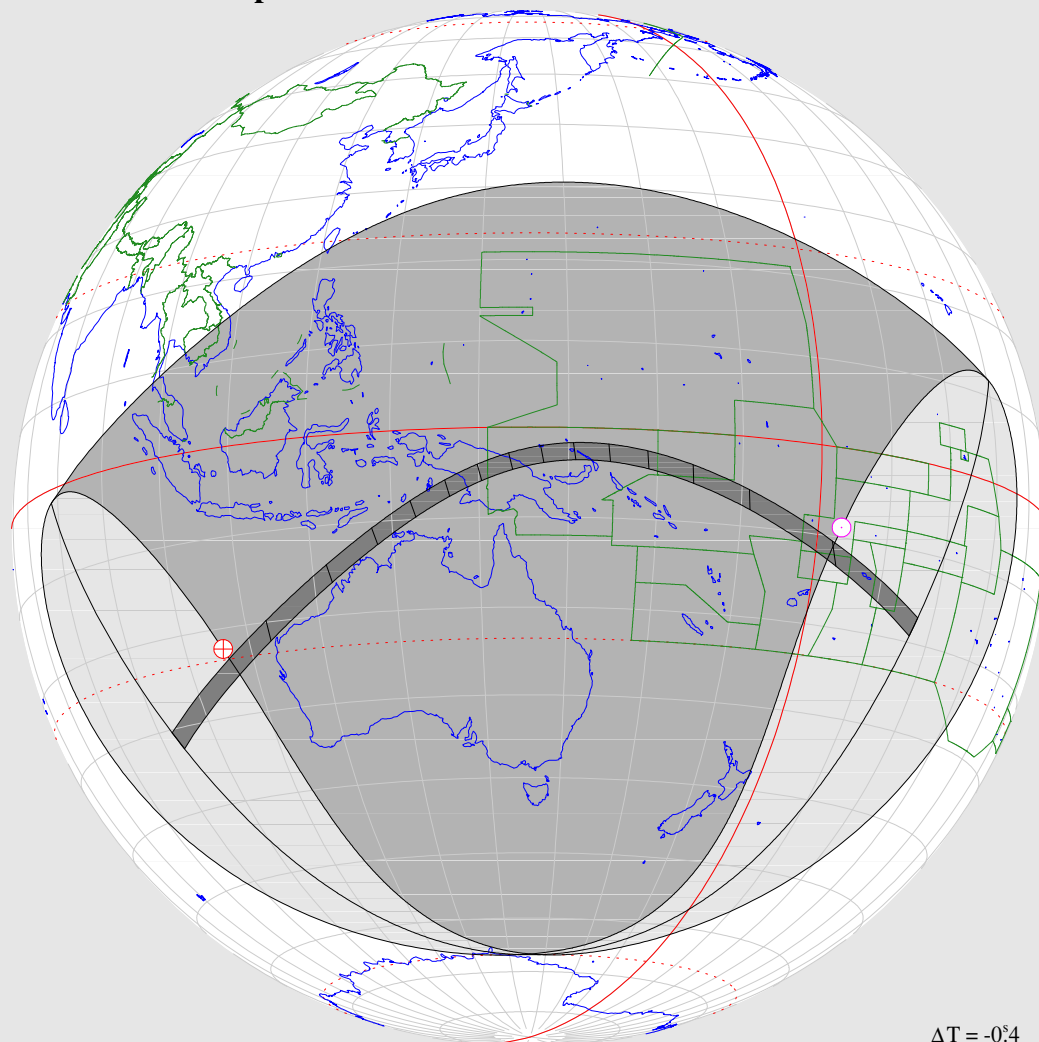


II. - Annular Eclipse of the Sun

1871 June 17-18



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$\Delta T = -0^m 4^s$
Globe centred on E 145°7' and S 11°3'

| Circumstances | Time (UT) | Longitude | Latitude |
|--|---------------------------|----------------|----------------|
| | ^h ^m | ^o / | ^o / |
| ⊕ Eclipse begins; first contact with Earth | 23 37.7 | E 105 56.7 | S 22 15.9 |
| Beginning of northern limit of umbra | 0 49.0 | E 92 34.8 | S 30 20.6 |
| Beginning of centre line; central eclipse begins | 0 49.7 | E 93 03.3 | S 31 23.8 |
| Beginning of northern limit of penumbra | 0 50.2 | E 78 15.5 | S 1 30.5 |
| Beginning of southern limit of umbra | 0 50.4 | E 93 32.3 | S 32 27.4 |
| Central eclipse at local apparent noon | 2 28.1 | E 143 07.8 | S 3 55.9 |
| End of southern limit of umbra | 4 19.7 | W 163 29.5 | S 19 17.1 |
| End of northern limit of penumbra | 4 19.8 | W 149 32.1 | N 11 57.9 |
| End of centre line; central eclipse ends | 4 20.4 | W 163 08.3 | S 18 12.0 |
| End of northern limit of umbra | 4 21.1 | W 162 47.1 | S 17 07.5 |
| ⊙ Eclipse ends; last contact with Earth | 5 32.4 | W 176 49.4 | S 8 53.2 |