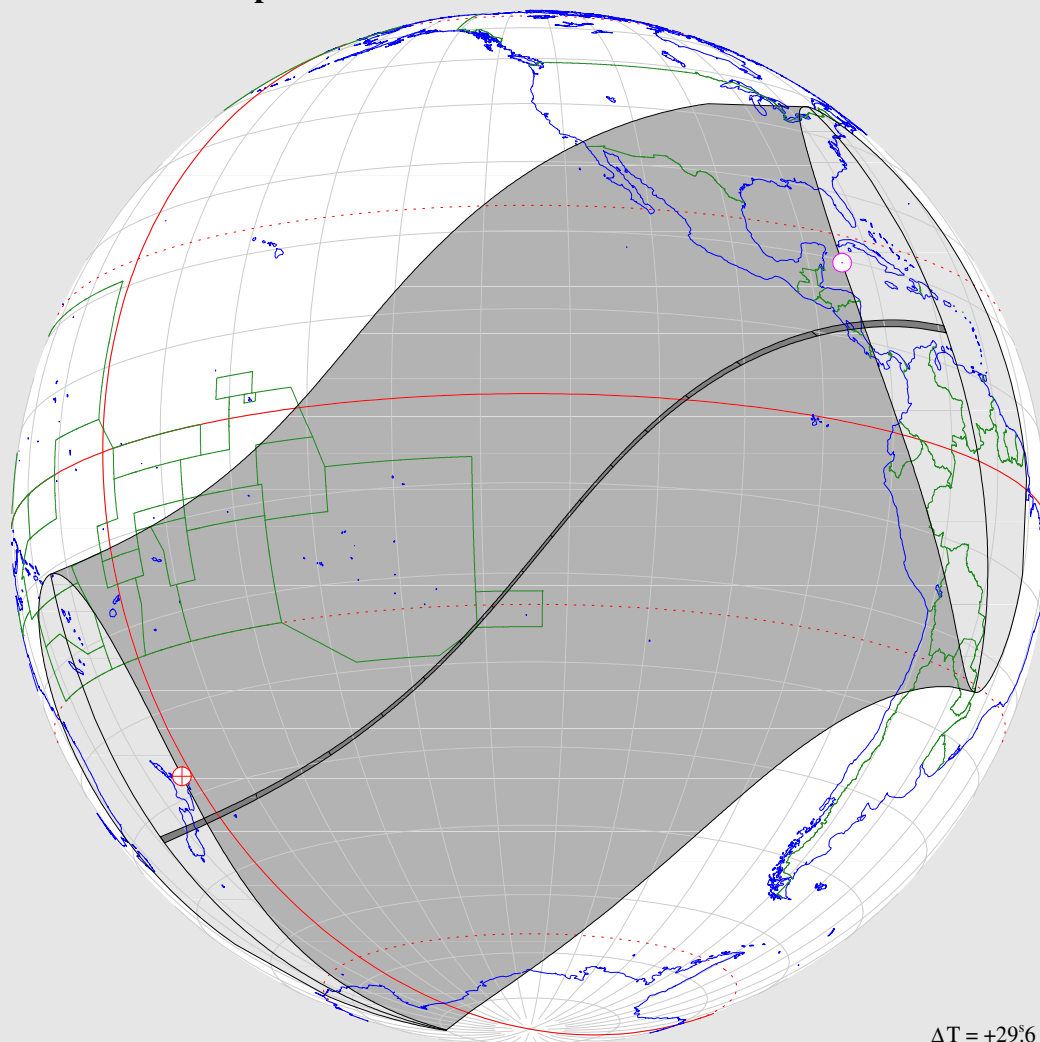


II. - Annular Eclipse of the Sun

1951 March 07



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ΔT = +29:6
Globe centred on W 124°5 and S 15°1

| Circumstances | Time (UT) | | Longitude | | Latitude | |
|--|-----------|------|-----------|------|----------|------|
| | h | m | ° | ' | ° | ' |
| ⊕ Eclipse begins; first contact with Earth | 18 | 03.9 | E 177 | 40.5 | S 37 | 30.0 |
| Beginning of northern limit of penumbra | 19 | 05.5 | E 165 | 26.4 | S 10 | 27.5 |
| Beginning of northern limit of umbra | 19 | 06.0 | E 161 | 25.7 | S 42 | 07.3 |
| Beginning of centre line; central eclipse begins | 19 | 06.2 | E 161 | 18.1 | S 42 | 31.8 |
| Beginning of southern limit of umbra | 19 | 06.5 | E 161 | 10.4 | S 42 | 56.3 |
| Beginning of southern limit of penumbra | 19 | 48.4 | E 123 | 36.2 | S 79 | 59.6 |
| Central eclipse at local apparent noon | 20 | 38.6 | W 126 | 51.5 | S 21 | 28.5 |
| End of southern limit of penumbra | 21 | 58.5 | W 54 | 25.2 | S 24 | 13.8 |
| End of southern limit of umbra | 22 | 40.0 | W 68 | 33.3 | N 14 | 08.6 |
| End of centre line; central eclipse ends | 22 | 40.2 | W 68 | 39.4 | N 14 | 34.7 |
| End of northern limit of umbra | 22 | 40.5 | W 68 | 45.5 | N 15 | 00.8 |
| End of northern limit of penumbra | 22 | 40.6 | W 73 | 00.7 | N 46 | 39.1 |
| ⊙ Eclipse ends; last contact with Earth | 23 | 42.6 | W 84 | 45.2 | N 19 | 38.1 |