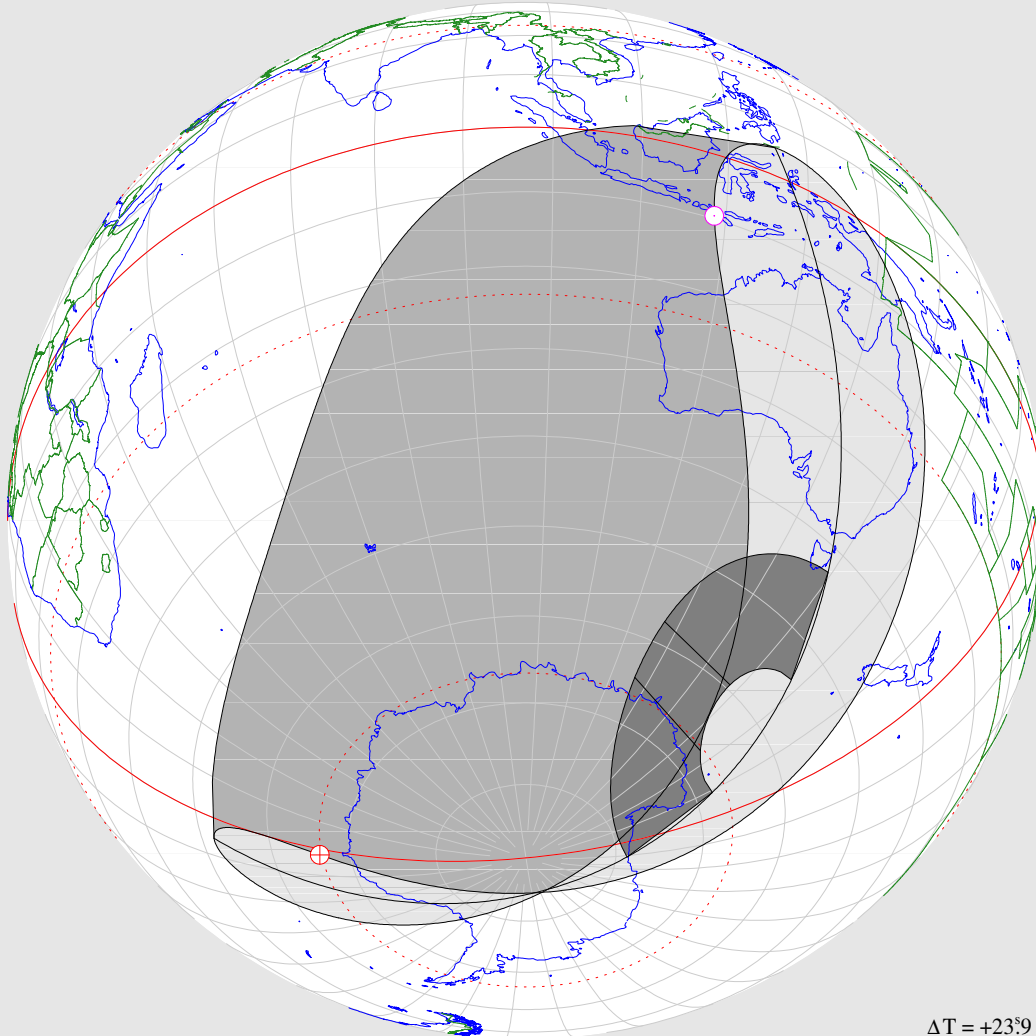


# I. - Annular Eclipse of the Sun

1932 March 07



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$\Delta T = +23^s.9$   
Globe centred on E 97°0 and S 49°4

| Circumstances                                    | Time (UT) | Longitude  | Latitude  |
|--|-----------|------------|-----------|
|  | h m       | ° /        | ° /       |
| ⊕ Eclipse begins; first contact with Earth       | 5 31.1    | W 2 13.9   | S 66 13.7 |
| Beginning of northern limit of penumbra          | 6 05.3    | W 5 22.1   | S 51 58.0 |
| Beginning of northern limit of umbra             | 7 18.3    | W 168 54.8 | S 78 43.8 |
| Beginning of centre line; central eclipse begins | 7 27.2    | W 179 14.0 | S 74 36.8 |
| Beginning of southern limit of umbra             | 7 41.1    | E 170 50.9 | S 68 01.5 |
| End of southern limit of umbra                   | 8 10.4    | E 157 32.8 | S 53 58.6 |
| End of centre line; central eclipse ends         | 8 24.3    | E 152 28.0 | S 47 07.7 |
| End of northern limit of umbra                   | 8 33.2    | E 149 23.5 | S 42 37.7 |
| End of northern limit of penumbra                | 9 45.9    | E 125 50.5 | N 5 01.3  |
| ⊙ Eclipse ends; last contact with Earth          | 10 20.2   | E 118 37.2 | S 9 33.2  |