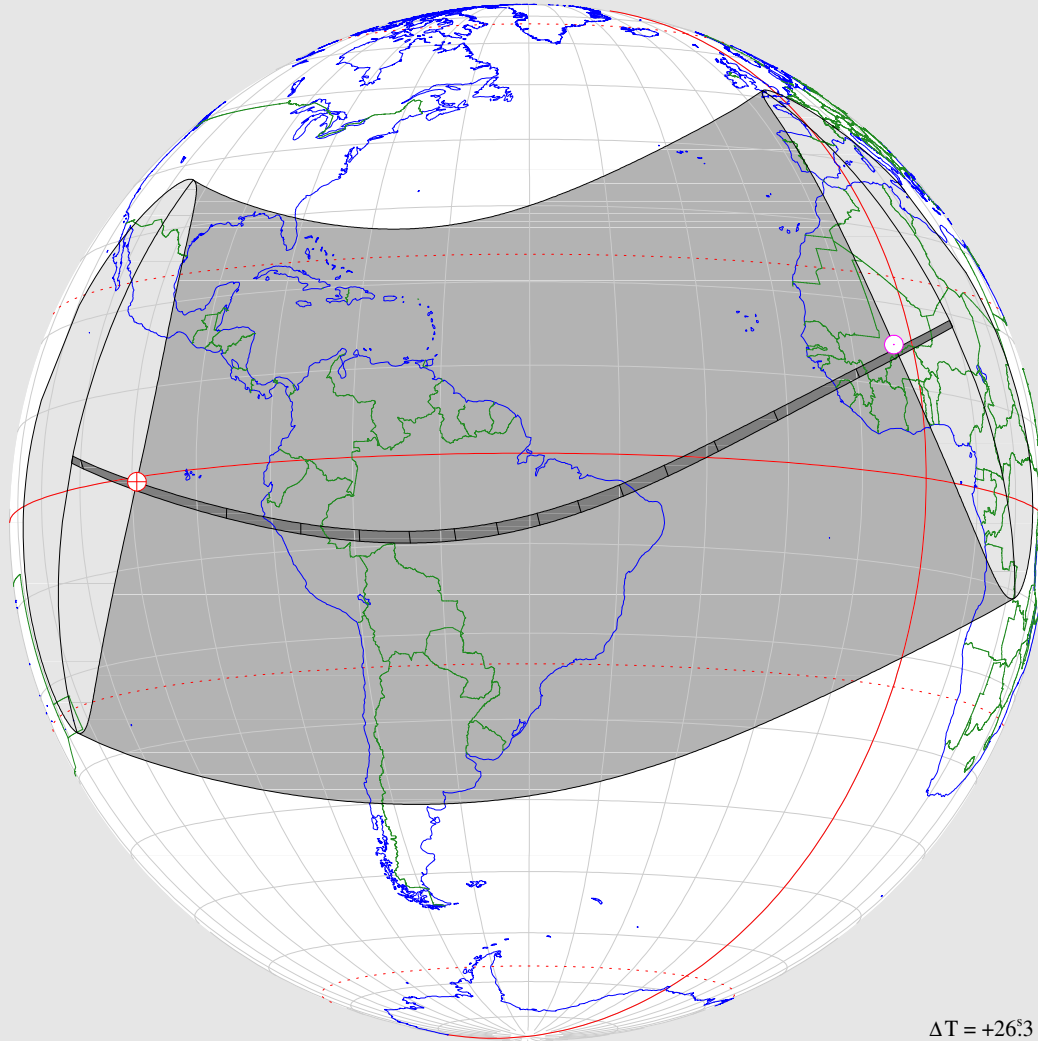


I. - Total Eclipse of the Sun

1944 January 25



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$\Delta T = +26^s.3$
Globe centred on W 50°2' and S 7°7'

| Circumstances | Time (UT) | | Longitude | | Latitude | |
|--|-----------|------|-----------|------|----------|------|
| | h | m | ° | ' | ° | ' |
| ⊕ Eclipse begins; first contact with Earth | 12 | 48.3 | W 99 | 11.1 | S 0 | 31.3 |
| Beginning of centre line; central eclipse begins | 13 | 44.9 | W111 | 58.9 | N 3 | 23.1 |
| Beginning of southern limit of umbra | 13 | 44.9 | W112 | 06.1 | N 3 | 00.8 |
| Beginning of northern limit of umbra | 13 | 44.9 | W111 | 51.8 | N 3 | 45.4 |
| Beginning of southern limit of penumbra | 13 | 56.0 | W125 | 42.2 | S 26 | 02.8 |
| Beginning of northern limit of penumbra | 14 | 10.3 | W104 | 16.4 | N37 | 08.6 |
| Central eclipse at local apparent noon | 15 | 29.3 | W 49 | 14.7 | S 7 | 22.8 |
| End of northern limit of penumbra | 16 | 42.0 | W 3 | 21.8 | N51 | 36.1 |
| End of southern limit of penumbra | 16 | 56.6 | E 22 | 40.7 | S 10 | 41.8 |
| End of northern limit of umbra | 17 | 07.5 | E 9 | 15.7 | N19 | 11.2 |
| End of centre line; central eclipse ends | 17 | 07.6 | E 9 | 23.9 | N18 | 48.5 |
| End of southern limit of umbra | 17 | 07.6 | E 9 | 32.1 | N18 | 25.8 |
| ⊙ Eclipse ends; last contact with Earth | 18 | 04.2 | W 3 | 16.2 | N14 | 55.5 |