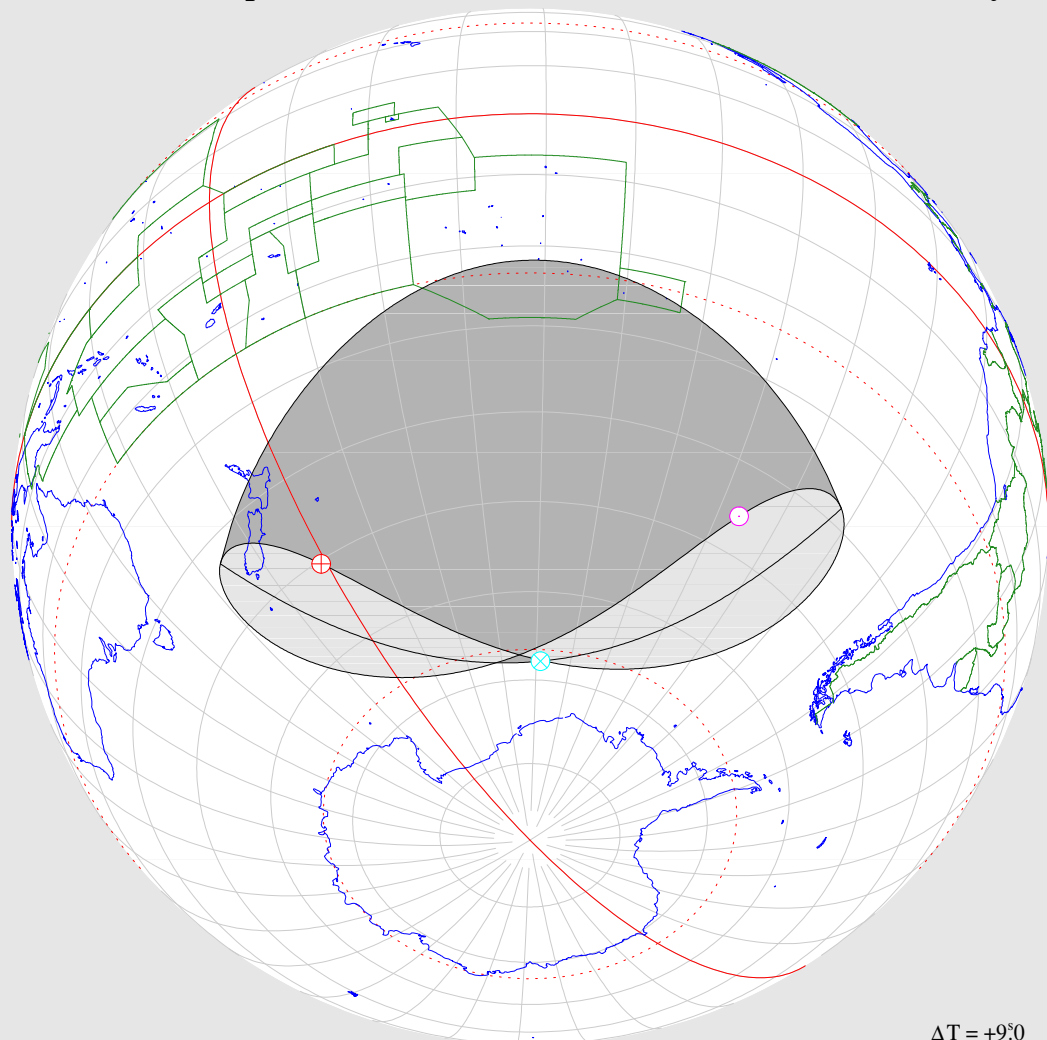


### III. - Partial Eclipse of the Sun

1696 May 30



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$\Delta T = +9^s 0$   
Globe centred on W 141°8 and S 52°8

| Circumstances                              | Time (UT)                 | Longitude      | Latitude       |
|--|---------------------------|----------------|----------------|
|  | <sup>h</sup> <sup>m</sup> | <sup>o</sup> / | <sup>o</sup> / |
| ⊕ Eclipse begins; first contact with Earth | 19 57.8                   | E 179 02.6     | S 50 22.6      |
| Beginning of northern limit of penumbra    | 20 30.4                   | E 163 40.8     | S 42 48.8      |
| ⊗ Greatest eclipse (magnitude = 0.5535)    | 21 41.2                   | W 138 43.6     | S 67 49.0      |
| End of northern limit of penumbra          | 22 52.1                   | W 92 09.6      | S 37 57.6      |
| ⊙ Eclipse ends; last contact with Earth    | 23 24.7                   | W 106 28.2     | S 45 46.3      |