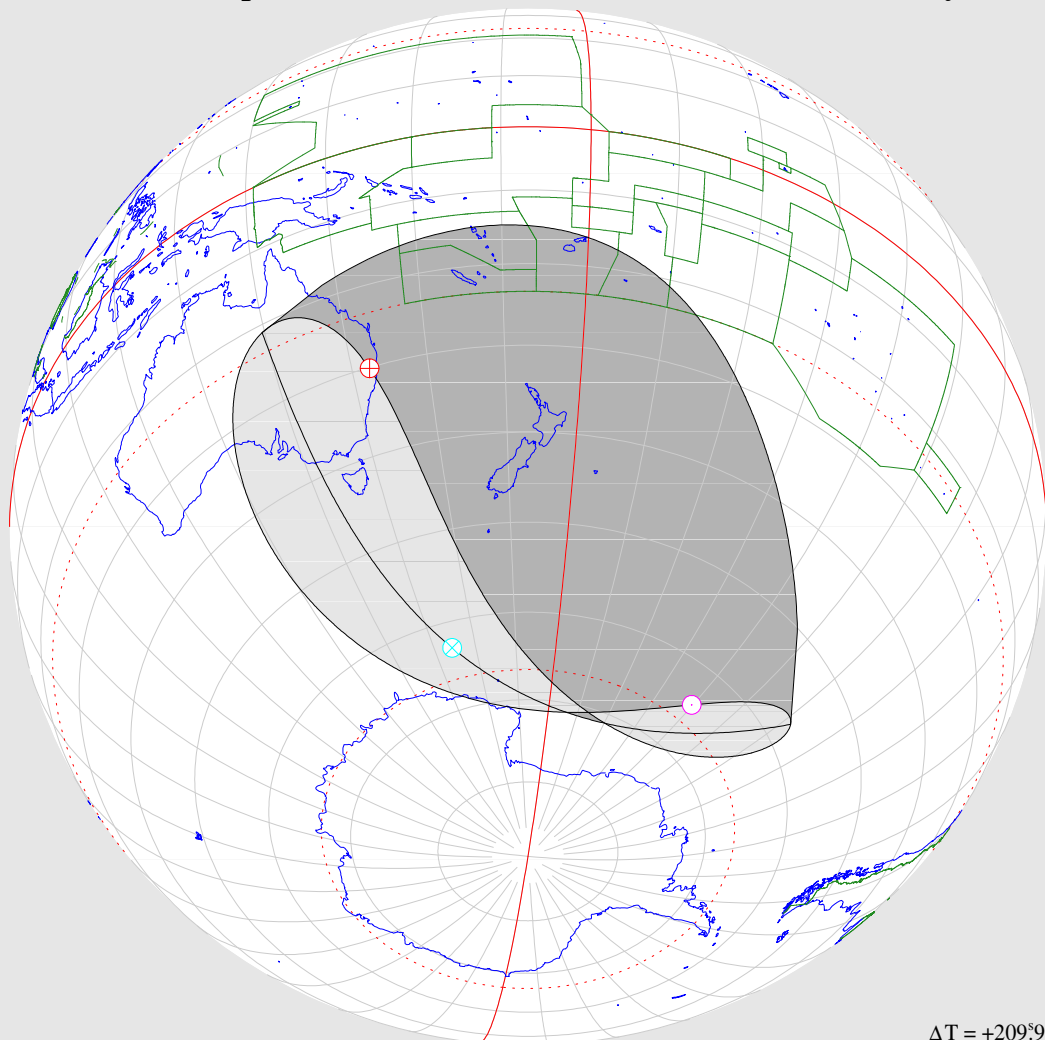


# IV. - Partial Eclipse of the Sun

1544 July 19-20



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$\Delta T = +209^s.9$   
Globe centred on E 173°0' and S 50°5'

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	20 41.7	E 152 19.3	S 30 06.3
Beginning of northern limit of penumbra	21 16.7	E 139 41.2	S 20 59.1
⊗ Greatest eclipse (magnitude = 0.5731)	22 34.8	E 154 15.9	S 62 55.5
End of northern limit of penumbra	23 52.5	W 118 17.8	S 57 03.4
◯ Eclipse ends; last contact with Earth	0 27.5	W 140 15.5	S 64 17.7