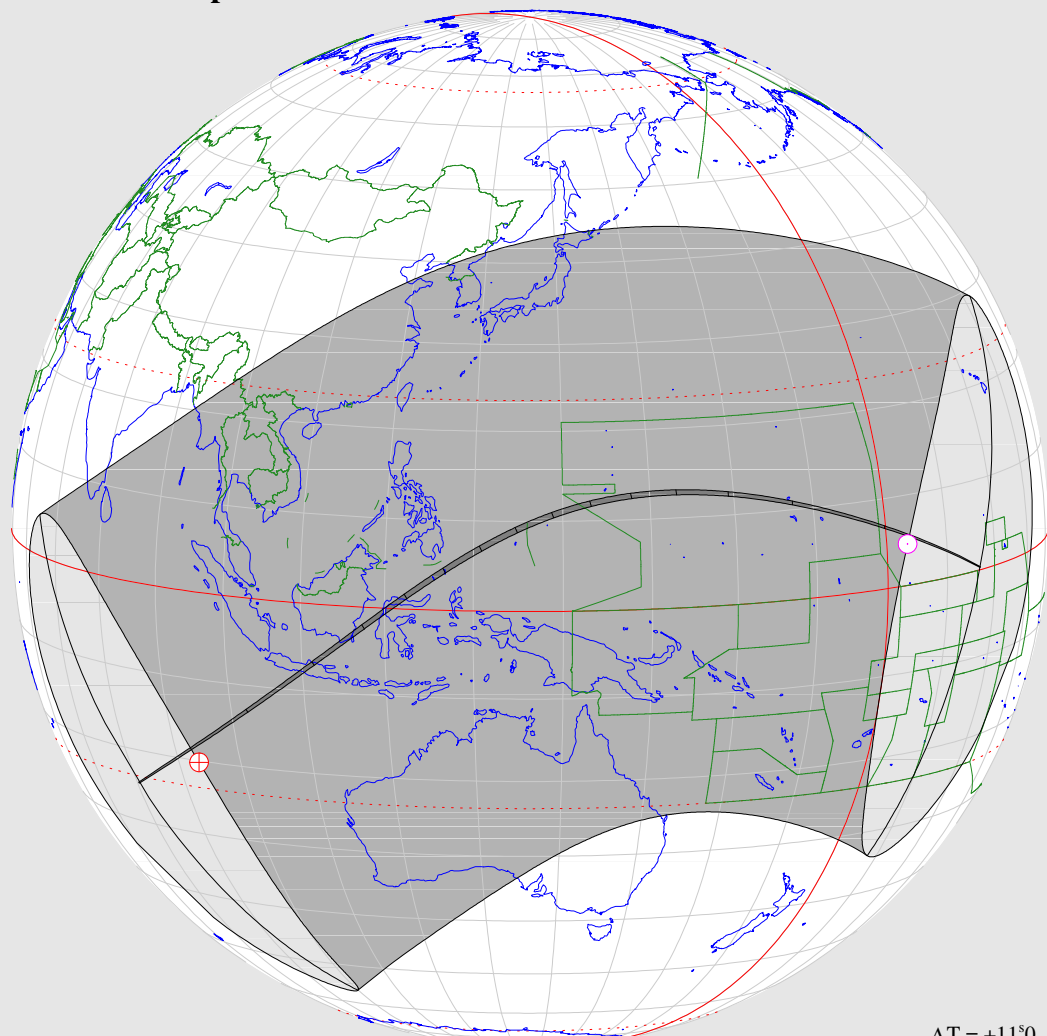


## II. - Total Eclipse of the Sun

1723 June 03



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$\Delta T = +11^{\text{m}}30^{\text{s}}$   
Globe centred on E 136°3' and N 9°2'

Circumstances	Time (UT)		Longitude	Latitude
	h	m	° / ' / "	° / ' / "
⊕ Eclipse begins; first contact with Earth	0	18.2	E 93 26.4	S 20 11.8
Beginning of centre line; central eclipse begins	1	18.7	E 80 22.1	S 24 25.8
Beginning of northern limit of umbra	1	18.7	E 80 20.2	S 24 21.9
Beginning of southern limit of umbra	1	18.7	E 80 24.0	S 24 29.8
Beginning of northern limit of penumbra	1	30.8	E 64 47.7	N 4 31.5
Beginning of southern limit of penumbra	1	47.2	E 99 53.3	S 56 01.1
Central eclipse at local apparent noon	2	59.2	E 134 33.3	N 8 55.3
End of southern limit of penumbra	4	23.1	W 172 16.4	S 33 42.6
End of northern limit of penumbra	4	39.2	W 147 14.2	N 29 10.0
End of southern limit of umbra	4	51.4	W 163 23.2	N 0 15.6
End of northern limit of umbra	4	51.4	W 163 21.1	N 0 21.0
End of centre line; central eclipse ends	4	51.4	W 163 22.2	N 0 18.3
⊙ Eclipse ends; last contact with Earth	5	52.0	W 176 45.0	N 4 36.3