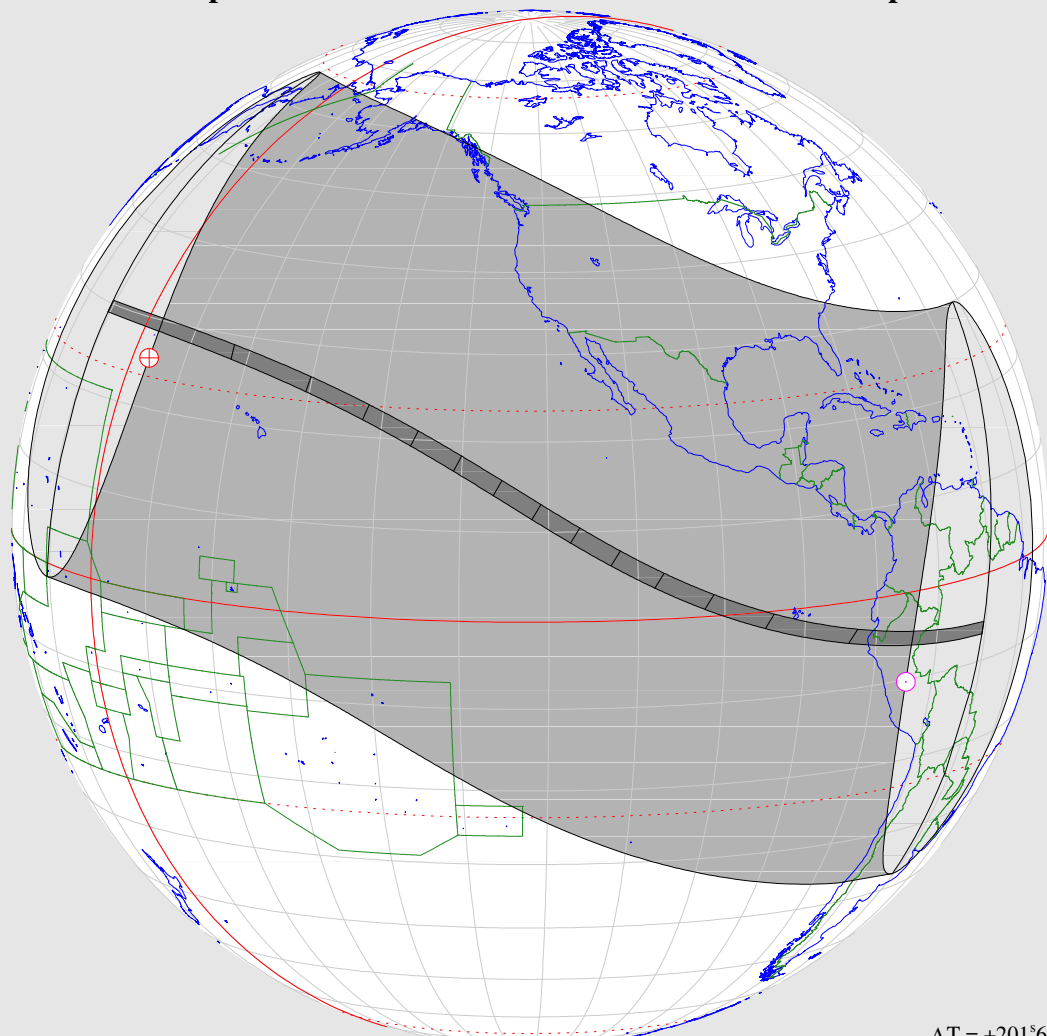


# V. - Total Eclipse of the Sun

## 1550 September 10



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$\Delta T = +201^s.6$   
Globe centred on W 122°1 and N 10°4

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	17	37.6	W176	38.0	N25	32.6
Beginning of southern limit of umbra	18	33.2	E 169	23.4	N28	57.7
Beginning of centre line; central eclipse begins	18	33.4	E 169	18.3	N29	40.3
Beginning of northern limit of umbra	18	33.7	E 169	12.9	N30	23.0
Beginning of southern limit of penumbra	18	36.4	E 169	15.4	S 1	33.7
Beginning of northern limit of penumbra	19	05.3	E 159	25.5	N65	34.7
Central eclipse at local apparent noon	20	07.5	W123	33.5	N13	32.4
End of northern limit of penumbra	21	23.5	W 51	54.6	N29	53.6
End of southern limit of penumbra	21	51.9	W 60	30.8	S 37	22.3
End of northern limit of umbra	21	54.9	W 60	30.5	S 5	26.4
End of centre line; central eclipse ends	21	55.1	W 60	35.5	S 6	08.8
End of southern limit of umbra	21	55.4	W 60	40.1	S 6	51.1
⊙ Eclipse ends; last contact with Earth	22	51.0	W 74	37.8	S 10	16.8