

### III. - Annular-Total Eclipse of the Sun

1986 October 03



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$\Delta T = +55^s.2$   
Globe centred on W 71°9' and N 48°0'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	16	57.4	W156	45.5	N68	30.9
Beginning of southern limit of penumbra	17	30.5	W169	30.1	N55	16.7
Beginning of southern limit of umbra	18	55.2	W 25	56.5	N66	28.3
Beginning of centre line; central eclipse begins	18	55.4	W 25	56.7	N66	20.2
Beginning of northern limit of umbra	18	55.7	W 25	57.0	N66	12.0
End of northern limit of umbra	19	15.6	W 27	39.3	N55	46.5
End of centre line; central eclipse ends	19	15.8	W 27	41.0	N55	39.6
End of southern limit of umbra	19	16.0	W 27	42.7	N55	32.9
End of southern limit of penumbra	20	40.4	W 42	41.9	S 2	11.9
⊙ Eclipse ends; last contact with Earth	21	13.5	W 51	57.5	N11	16.2