

II. - Total Eclipse of the Sun

1767 January 30



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$\Delta T = +16^{\circ}0'$
Globe centred on E 122°2' and S 14°6'

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	1	17.9	E 67	23.5	S 19	39.7
Beginning of northern limit of umbra	2	13.4	E 53	47.9	S 18	53.6
Beginning of centre line; central eclipse begins	2	13.5	E 53	37.4	S 19	18.8
Beginning of southern limit of umbra	2	13.6	E 53	26.8	S 19	43.9
Beginning of northern limit of penumbra	2	23.7	E 61	19.9	N 11	46.7
Beginning of southern limit of penumbra	2	34.5	E 33	03.5	S 49	11.5
Central eclipse at local apparent noon	3	57.4	E 124	05.4	S 16	40.4
End of southern limit of penumbra	5	19.0	W 163	17.9	S 9	21.5
End of northern limit of penumbra	5	29.2	E 167	31.4	N 51	25.8
End of southern limit of umbra	5	39.7	W 178	30.9	N 20	59.5
End of centre line; central eclipse ends	5	39.8	W 178	41.8	N 21	25.0
End of northern limit of umbra	5	39.8	W 178	52.7	N 21	50.5
⊙ Eclipse ends; last contact with Earth	6	35.3	E 167	32.6	N 21	04.1