

IV. - Partial Eclipse of the Sun

1823 July 08



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$\Delta T = +10^s 8$
Globe centred on E 132°5 and N 78°0

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	5	09.3	W 18	57.7	N 52	25.9
Beginning of southern limit of penumbra	5	26.9	W 14	05.3	N 43	46.3
⊗ Greatest eclipse (magnitude = 0.7963)	6	56.3	W 131	47.0	N 64	35.8
End of southern limit of penumbra	8	25.8	E 154	33.1	N 22	26.8
○ Eclipse ends; last contact with Earth	8	43.4	E 155	22.4	N 32	03.9