

IV. - Partial Eclipse of the Sun

2050 November 14



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$\Delta T = +94^s.3$
Globe centred on W 13°8' and N 48°4'

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	11 15.9	W 61 22.8	N47 51.3
Beginning of southern limit of penumbra	11 58.5	W 79 27.6	N36 15.3
⊗ Greatest eclipse (magnitude = 0.8879)	13 29.3	E 0 54.9	N69 33.1
End of southern limit of penumbra	15 00.1	E 34 31.8	N18 58.2
○ Eclipse ends; last contact with Earth	15 42.8	E 18 53.2	N31 01.2