

## II. - Partial Eclipse of the Sun

2083 February 16



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$\Delta T = +116^s.7$   
Globe centred on W 123°0 and N 47°3

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	15 52.0	W141 19.1	N14 35.9
Beginning of southern limit of penumbra	16 30.8	W153 54.1	N 1 30.7
⊗ Greatest eclipse (magnitude = 0.9438)	18 04.6	W154 13.7	N61 44.2
End of southern limit of penumbra	19 38.3	W 36 52.4	N51 51.2
○ Eclipse ends; last contact with Earth	20 17.0	W 56 46.7	N64 02.0