

III. - Partial Eclipse of the Sun

1581 June 30-01



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$\Delta T = +162^s.2$
Globe centred on W 127°2 and N 66°6

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	19 47.3	E 126 38.7	N 48 34.3
Beginning of southern limit of penumbra	20 11.5	E 129 58.8	N 37 25.1
⊗ Greatest eclipse (magnitude = 0.9460)	22 04.1	W 1 49.3	N 64 16.3
End of southern limit of penumbra	23 57.0	W 82 39.5	N 13 09.8
○ Eclipse ends; last contact with Earth	0 21.3	W 83 07.3	N 25 11.3