

### III. - Partial Eclipse of the Sun

1613 May 19



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$\Delta T = +129^s.3$   
Globe centred on E 141°6 and N 65°4

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	16 59.9	E 164 47.3	N 53 25.9
Beginning of southern limit of penumbra	17 05.7	E 166 16.8	N 50 43.6
⊗ Greatest eclipse (magnitude = 0.0714)	17 41.4	E 137 27.6	N 63 20.9
End of southern limit of penumbra	18 16.6	E 90 14.2	N 70 01.1
○ Eclipse ends; last contact with Earth	18 22.5	E 97 51.4	N 69 29.9