

IV. - Partial Eclipse of the Sun

1613 October 13



©HM Nautical Almanac Office

$\Delta T = +129^{\circ}0$
Globe centred on W 80°9 and N 56°0

Circumstances	Time (UT)		Longitude		Latitude	
	h	m	°	'	°	'
⊕ Eclipse begins; first contact with Earth	19	03.2	W158	54.1	N77	42.2
Beginning of southern limit of penumbra	19	26.5	E177	29.4	N69	47.8
⊗ Greatest eclipse (magnitude = 0.5906)	20	38.2	W 58	04.7	N61	27.0
End of southern limit of penumbra	21	50.3	W 63	19.9	N15	48.2
○ Eclipse ends; last contact with Earth	22	13.6	W 70	40.0	N25	04.4