

# IV. - Partial Eclipse of the Sun

1989 August 31



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$\Delta T = +56^s.7$   
Globe centred on E 50°8' and S 53°7'

Circumstances	Time (UT)	Longitude	Latitude
	<sup>h</sup> <sup>m</sup>	<sup>o</sup> /	<sup>o</sup> /
⊕ Eclipse begins; first contact with Earth	3 33.6	E 40 15.7	S 22 09.5
Beginning of northern limit of penumbra	4 04.6	E 30 44.5	S 11 36.7
⊗ Greatest eclipse (magnitude = 0.6346)	5 30.8	E 23 35.8	S 61 24.6
End of northern limit of penumbra	6 56.6	E 146 31.6	S 65 27.3
○ Eclipse ends; last contact with Earth	7 27.6	E 124 07.8	S 74 51.0