

IV. - Annular Eclipse of the Sun

1944 July 20



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$\Delta T = +26^s.5$
Globe centred on E 95°8' and N 19°1'

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	2 42.6	E 49 20.8	N 4 05.5
Beginning of southern limit of umbra	3 47.0	E 33 43.3	N 2 49.9
Beginning of centre line; central eclipse begins	3 47.2	E 33 25.0	N 3 29.9
Beginning of northern limit of umbra	3 47.5	E 33 06.5	N 4 10.0
Beginning of southern limit of penumbra	3 58.5	E 43 36.2	S 28 11.0
Beginning of northern limit of penumbra	4 13.2	E 13 13.5	N 34 27.5
Central eclipse at local apparent noon	5 43.1	E 95 46.2	N 19 00.0
End of northern limit of penumbra	7 12.4	E 173 15.2	N 24 18.2
End of southern limit of penumbra	7 26.9	E 142 28.9	S 38 17.9
End of northern limit of umbra	7 38.1	E 154 39.6	S 6 15.2
End of centre line; central eclipse ends	7 38.3	E 154 20.5	S 6 56.3
End of southern limit of umbra	7 38.5	E 154 01.5	S 7 37.5
⊙ Eclipse ends; last contact with Earth	8 43.0	E 138 23.6	S 6 20.7