

I. - Annular Eclipse of the Sun

1994 May 10



©HM Nautical Almanac Office

$\Delta T = +60^s.3$
Globe centred on W 82°1 and N 34°5

Circumstances	Time (UT)	Longitude	Latitude
	h m	° /	° /
⊕ Eclipse begins; first contact with Earth	14 12.2	W125 31.4	N 4 56.9
Beginning of southern limit of penumbra	15 03.7	W130 56.0	S 17 50.7
Beginning of southern limit of umbra	15 21.9	W145 22.5	N 12 20.9
Beginning of centre line; central eclipse begins	15 23.3	W146 07.7	N 13 33.5
Beginning of northern limit of umbra	15 24.7	W146 54.0	N 14 47.0
Beginning of northern limit of penumbra	16 48.1	E 160 15.9	N 61 58.8
Central eclipse at local apparent noon	17 19.8	W 80 51.9	N 42 21.8
End of northern limit of penumbra	17 34.5	E 87 47.2	N 72 09.5
End of northern limit of umbra	18 58.0	W 3 14.3	N 33 28.1
End of centre line; central eclipse ends	18 59.5	W 4 08.7	N 32 16.6
End of southern limit of umbra	19 00.8	W 5 01.2	N 31 05.8
End of southern limit of penumbra	19 19.3	W 20 23.0	N 1 04.0
⊙ Eclipse ends; last contact with Earth	20 10.6	W 25 27.5	N 23 47.5