

1980年2月16日のアメリカインド日食の地図と要素

I.—*Total Eclipse of the Sun*, February 16.

ELEMENTS OF THE ECLIPSE

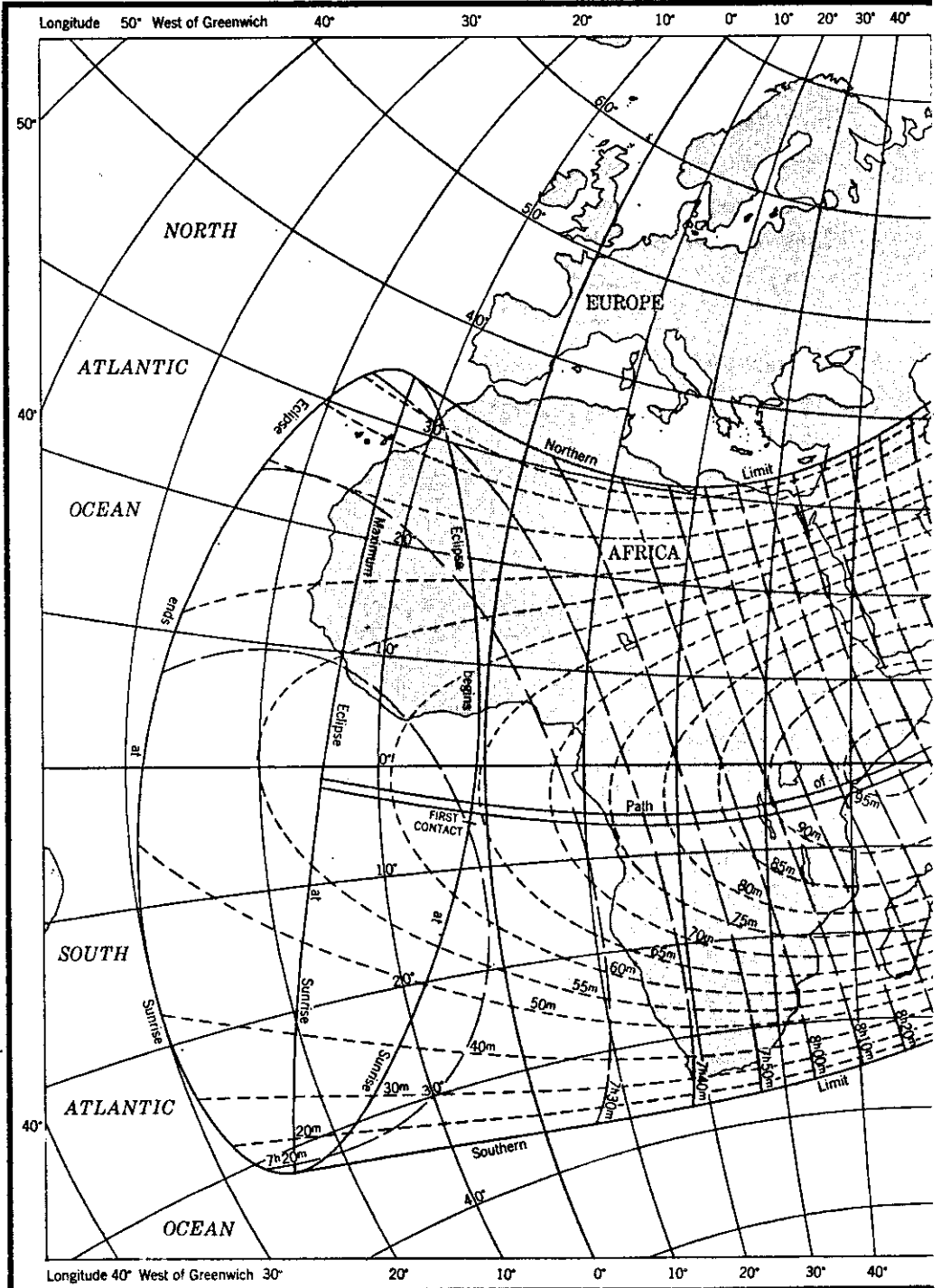
E.T. of geocentric conjunction in right ascension, February 16^d08^h59^m51^s.33

	h	m	s		s	s
R.A. of Sun and Moon	21	58	14.824	Hourly motions	9.730	and 149.296
	.	'	"		'	"
Declination of Sun	-12	33	56.82	Hourly motion	+ 0	51.69
Declination of Moon	-12	20	00.06	Hourly motion	+ 9	32.07
Equatorial hor. par. of Sun			8.90	True semidiameter of Sun	16	11.4
Equatorial hor. par. of Moon	60	58.51		True semidiameter of Moon	16	36.9

CIRCUMSTANCES OF THE ECLIPSE

	E.T.	Ephemeris	Latitude
	d h m	Longitude	'
Eclipse begins	February 16 06 15.9	+ 1 45	- 5 51
Central eclipse begins	16 07 12.8	+ 14 58	- 1 24
Central eclipse at local apparent noon	16 08 59.9	- 48 35	+ 0 42
Central eclipse ends	16 10 35.1	-108 23	+26 35
Eclipse ends	16 11 32.0	- 95 21	+22 09

TOTAL SOLAR ECLIPSE



OF 1980 FEBRUARY 16

