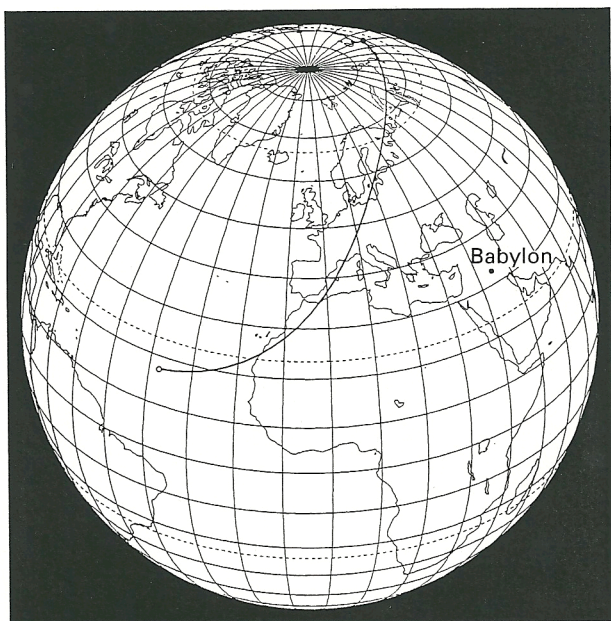


(a)

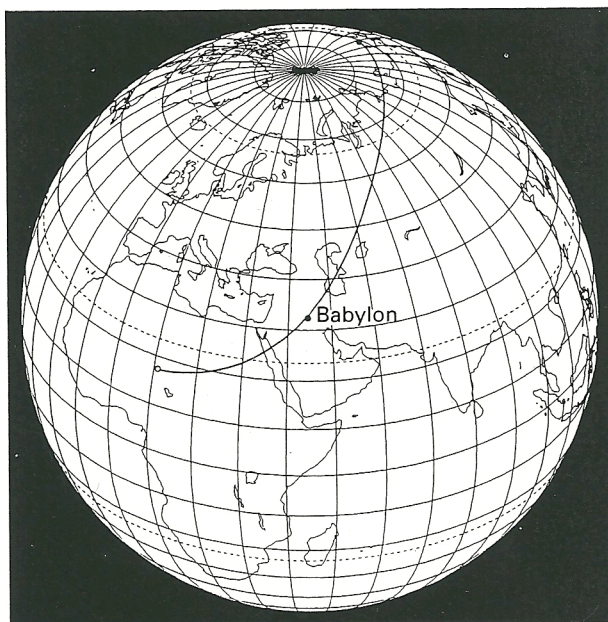
$$\Lambda = 4.3^\circ \text{ W}$$



$$\phi = 32.5^\circ \text{ N}$$

(b)

$$\Lambda = 44.5^\circ \text{ E}$$



$$\phi = 32.5^\circ \text{ N}$$

Fig. 3.10 Zone of totality in 136 BC, computed on the assumption that (a) $\Delta T = 0$ and (b) $\Delta T = +11\,700$ sec. The eclipse was observed to be complete at Babylon. (Courtesy: Dr S. Bell.)