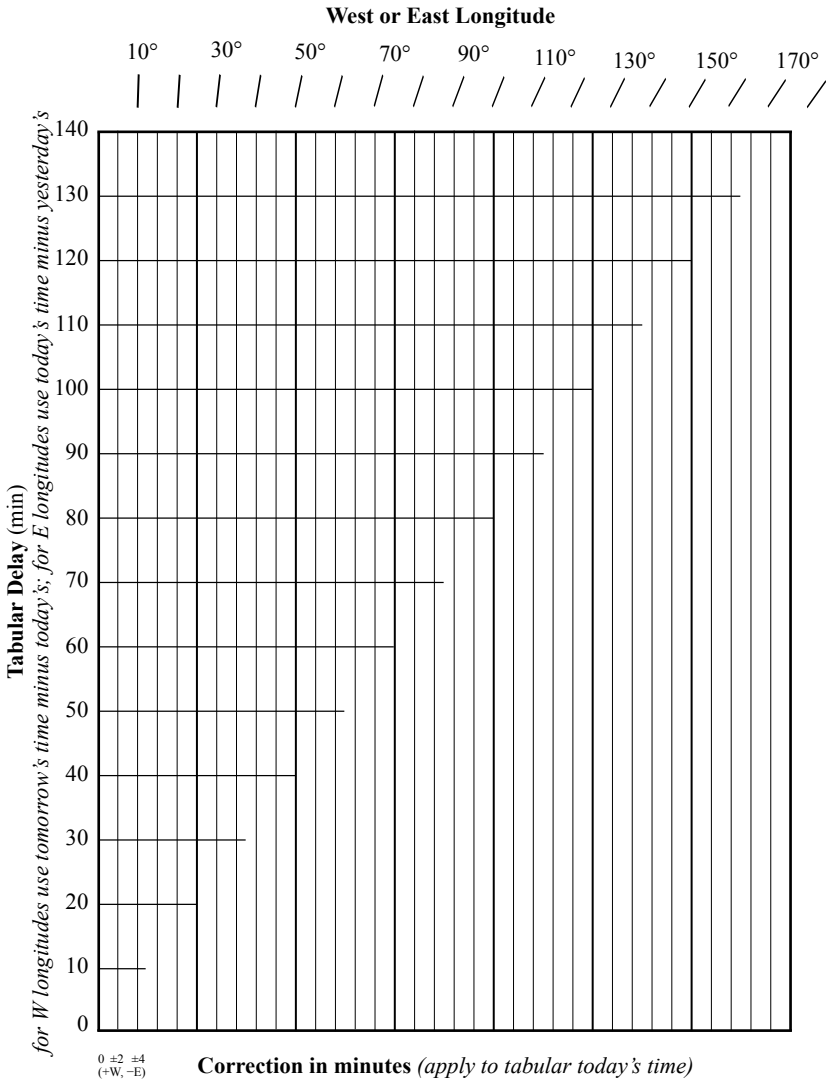


MOONRISE/MOONSET CORRECTION DIAGRAM



Note: Due to a difference in elevation between the observer and the actual horizon, the observed time may differ by several minutes from the predicted time.

The correction in minutes can also be calculated from the formula:

$$(L/360) \times (\text{Tabular Delay}) + 4(L - L_s)$$

in which L = longitude of the observer from Greenwich, and L_s = longitude of the observer's time-zone standard meridian (L and L_s are in degrees, and are negative if east of Greenwich). The term 4(L - L_s) is tabulated for several Canadian cities and *star party* locations on p. 205.

Alternatively, see p. 10 for computer-based planetarium programs or applications for mobile devices.