

# Measuring Path Angle at Sunrise (35°S)

+30 min



Sun rises in E, moves toward N

(Southern Hemisphere)

$$\text{Latitude} = 90^\circ - \theta$$

$$\text{Latitude} = 90^\circ - 55^\circ = 35^\circ$$

$$\theta = 55^\circ$$

N

E

HORIZON

Sunrise