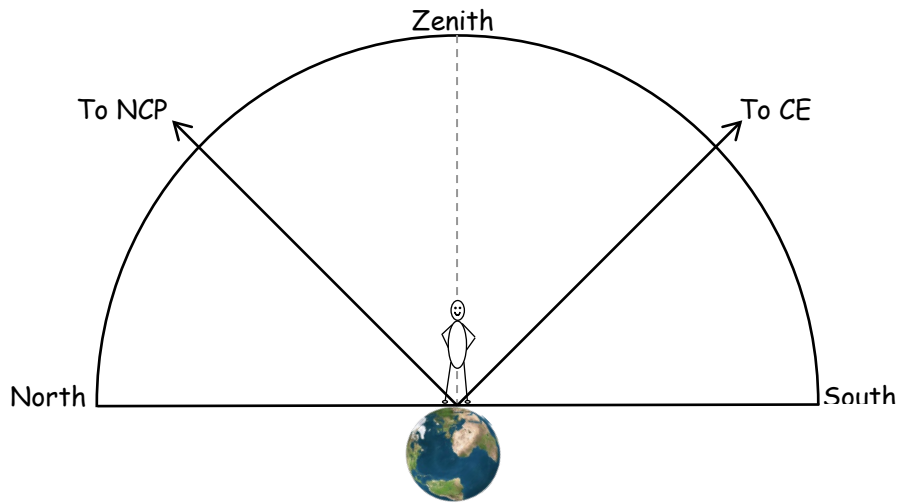


Changes in Latitude, Changes in Altitude



Observers on Earth see the sky "tilted" according to their latitude.

ALTITUDE OF CELESTIAL POLE = OBSERVER'S LATITUDE

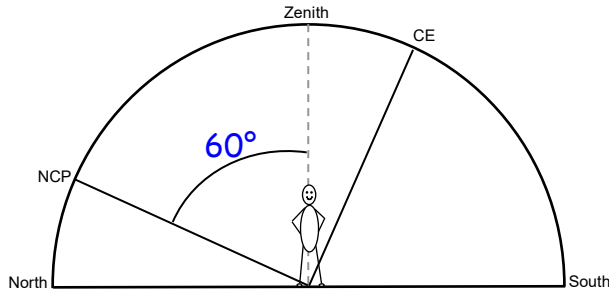
ALTITUDE OF CELESTIAL EQUATOR = 90° - OBSERVER'S LATITUDE

Using these facts, complete the following table:

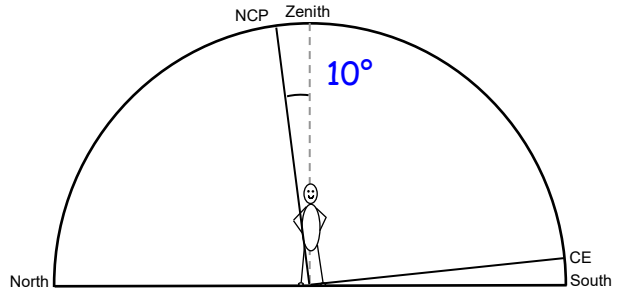
LATITUDE	ALTITUDE OF NORTH CELESTIAL POLE	ALTITUDE OF CELESTIAL EQUATOR
0° N		
90° N		
45° N		
	40°	
		30°
20° N		
	23.5°	
		10°

ALTITUDE OF CELESTIAL POLE = OBSERVER'S LATITUDE

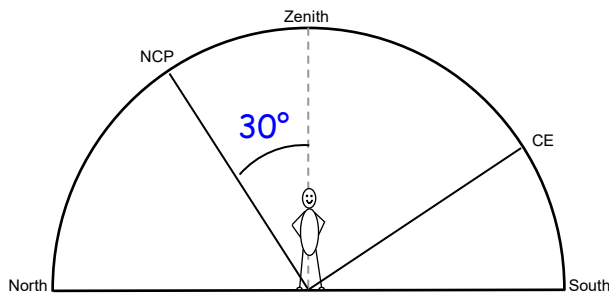
ALTITUDE OF CELESTIAL EQUATOR = 90° - OBSERVER'S LATITUDE



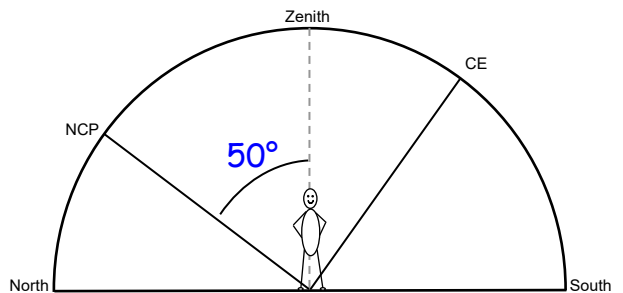
Altitude of NCP:
Altitude of CE:
Observer's Latitude:



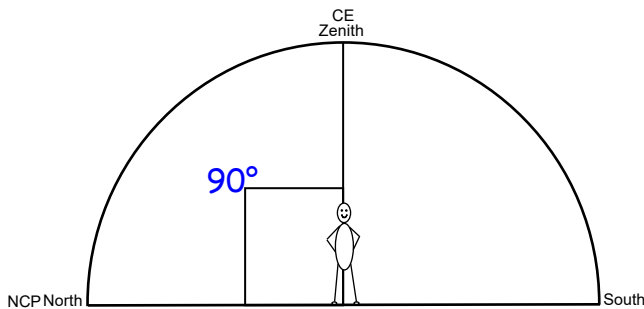
Altitude of NCP:
Altitude of CE:
Observer's Latitude:



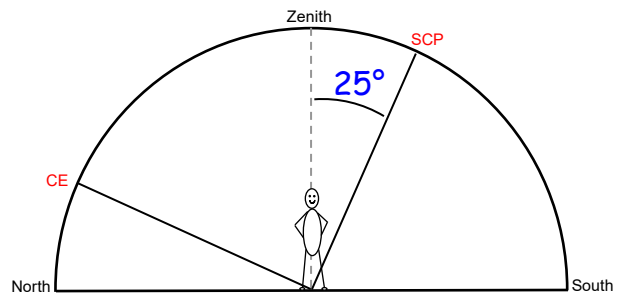
Altitude of NCP:
Altitude of CE:
Observer's Latitude:



Altitude of NCP:
Altitude of CE:
Observer's Latitude:



Altitude of NCP:
Altitude of CE:
Observer's Latitude:



Altitude of SCP:
Altitude of CE:
Observer's Latitude: