



The maximum elevation angle a signal can be transmitted at to reach a station a certain distance away is limited by:

- The maximum refraction height (the red curve) or
- The current critical frequency line (Fc)

whichever yields the smallest angle.

The minimum elevation angle is determined by the lowest refraction height (the dark blue curve).

Skip distance typically lies within the range of distances between the dark blue and light blue curves along the current frequency Fc line. Example, at $F_c = 2 \text{ MHz}$: $300 < \text{Skip Distance} < 400$ miles.