

NVIS + Skip Range

Launch Angle	Range (sm)	Launch Angle	Range (sm)
Zenith	0	45	500
80	88	40	595
75	134	30	866
70	182	20	1374
60	289	15	1866
50	420	10	2836

Assumptions:

F2 layer at 250 statute miles (sm).

$$A = O / \tan \Theta = 250 / \tan \Theta$$

$$\text{Range} = 2A = 500 / \tan \Theta$$