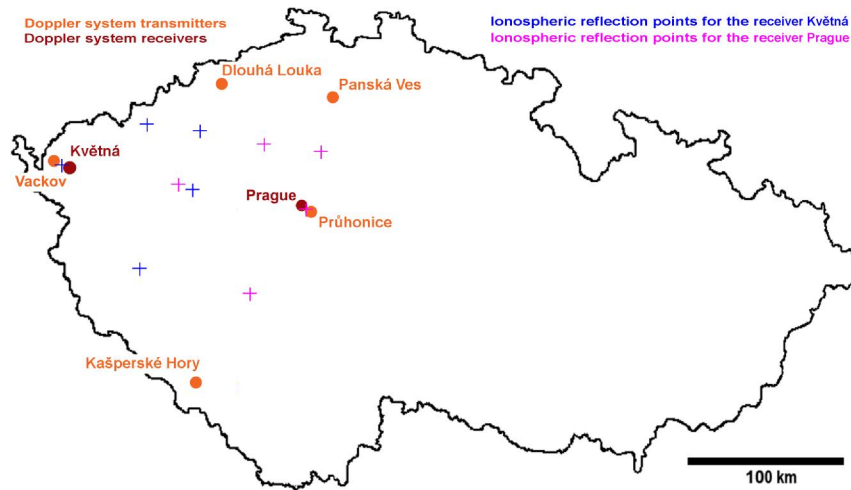


A distribution of the Doppler system over the Czech Republic (locations of transmitters and receivers)



Transmitters ($f=3.5945$ MHz, shifted ~ 4 Hz):

Panská Ves : $50^{\circ}32'N, 14^{\circ}34'E$

Průhonice: $49^{\circ}59'N, 14^{\circ}32'E$

Dlouhá Louka: $50^{\circ}39'N, 13^{\circ}39'E$

Kašperske Hory: $49^{\circ}08'N, 13^{\circ}35'E$

Vackov: $50^{\circ}14'N, 12^{\circ}22'E$

Receivers: ($Df=1$ Hz ... $v_z \sim 41.7$ m/s)

Inst. of Atm. Physics: $50^{\circ}02'N, 14^{\circ}29'E$

Kvetna: $50^{\circ}12'N, 12^{\circ}31'E$

The reflection points are approximately in the mid-points between transmitters and receiver.

The Doppler system is mainly sensitive to the vertical movement of reflection layer ($f=f_p$)