

...ion layers in troposphere for the first time were reported in 1936 by R. Colwell and A. Frend (USA).

First information about rain detection with help of S-band radar appeared in 1941 (UK)

In 1943 the first operational observation of showers and thunderstorms were organized by Bent (USA).

In the USSR the measurements of velocity and direction of wind were started in 1943 by V. Kostarev with help of radar tracking of balloons equipped by passive reflectors.

