"Ensuring sustained high-quality meteorological observations from sea, land and upper atmosphere in a changing world"

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Radars in Uzbekistan
5 radars (3 Doppler C-band Radary, 2 non-Doppler)
2 C-band radars, manufacturer Baron Services Ltd, USA, purchased 2011
1 C-band radar, manufacturer "Selex systems integrated", Germany, purchased and installed in 2010
1 mobile x-band doppler radar, manufacturer Baron Services Ltd, USA, purchased 2014

2 Non-doppler radars installed in 1988-1989 MRL-5, USSR (Russia)
Location
3 Doppler Radars installed in Samarkand, Nukus and Tashkent sites
2 Non-Doppler radars working in Ferghana, Bukhara and Termez regions

Replacing two coherent radars in Ferghana, Bukhara and Termez regions to Doppler Radars

Opening of RTC in Tashkent in cooperation with Finnish Meteorological Institute

Receiving and display of space patterns of cloud and precipitation fields at the maps of the regions.

Producing of maps of hazardous weather phenomena (squall, thunderstorm, hail, heavy rainfall) over a map of the region.

Taking of the images of dual structured thunderstorms in real time with Doppler radars and hazardous weather phenomena

Calculations and display of maps, intensity and amount of precipitation in the region.