

## **On setting up of SAON**

### ***Introduction***

The WRDC has been collecting radiation data submitted from around 24 stations located in Arctic area including 8 stations in Russia. Some of Russian stations have been carried out standard synoptic actinometrical observations since 1992 and send the data to the WRDC with substantial delay.

### ***Recommendations***

- To install updated actinometrical instrumentation at all stations which are in the list of sites provided the data to the WRDC
- Actinometrical stations should record automatically all four basic components of radiation balance
- Site managers should carry out quality control of observed data using accepted algorithms and then the QC should be done at National data centers before submitting the data to the WRDC
- To consider the WRDC as the central depository for actinometrical data from Arctic stations with obligations to disseminate all information among NWS and other Institutions participating in the data exchange, and also to research community via Internet.