

# **Annual WWW Technical Progress Report**

## **On the Global Data Processing and Forecasting System 2004**

### **ARMENIA**

**1. Armenia has not his own MWP model, and weather forecast is based on some Global and Regional prognostic centers (UNISYS WEATHER, ECMWF, MRF\_EUROPA and WEATHER CENTRALE, Moscow) analyze and prognosis charts, which are available freely over the Internet. The received charts have not been additionally processed. Using data from local meteorological stations and radio sounding data, regional rules and some regional manual calculation methods are made the forecast.**

#### **2. Equipment in use at the centre**

- MESSIR-COMM workstation (SCO Unix operational system)  
2 PCs COMPAQ (Pentium 200 MHz)  
Printer Laser Jet 6MP  
2 Modems V34  
Receiver RETIM-2000
- Technavia SKYCEIVER VIEW system (Windows 98 operational system)  
PC Intel Pentium 75 MHz  
Printer Laser Jet 5L  
Parabolic antenna (WEFAX reception)  
VHF/APT active antenna  
Receiver
- TV-INFORM-METEO (Windows 98 operational system)  
OLDI Celeron-950  
Printer Epson ST-1160  
Monitor 17  
TV-Tuner  
Antenna  
Receiver
- Internet Server  
PC (Pentium III 660 MHz)  
Back UPS 300  
Printer (network) Laser Jet 6L

#### **3. Data and products from GTS**

Typical number of reports received daily:

SYNOP (including automatic)

TEMP (once a day)

PILOT  
METAR

#### **4. Data input system**

None automated.

#### **5. Quality control system**

For national SYNOP and TEMP data, checks are applied against WMO international code forms; for errors detection, then errors are routed for manual inspection and correction, when possible.

#### **6. Monitoring of the observing system**

Monitoring of the observing system is not implemented.

#### **7. Forecasting system**

Synoptic method by using end products (**UNISYS WEATHER, ECMWF, MRF\_EUROPA and WEATHER CENTRALE, Moscow** analyze and prognosis charts)

#### **8. Verification of prognostic products**

None

#### **9. Plans for future**

- Improvement of tools and software for the forecasters it is planned implementation if GISS- METEO (Roshydromet)
- Collaboration with DWD for implementation HRM in Armenia