

WWW TECHNICAL PROGRESS REPORT ON THE GDPS FOR 2001

Country: LITHUANIA

Centre: LHMS (Vilnius)

1. Summary of highlights

Existing MTS message switch system was replaced by a new TRANSMET MSS (Sofréavia, France). In addition, a RETIM satellite receiving system was installed in the centre and connected to the MSS.

2. Equipment in use at the centre

TRANSMET MSS,
FAX-E User Station (for the DWD data and products),
RETIM Satellite Receiving System (for the Météo-France data and products, in the future),
VMS MicroVAX 3400 (for the SMHI/HIRLAM data and products).

3. Data and products from GTS in use

No changes.

4. The data input system

No changes.

5. Quality control system

Format and basic consistency checks.

6. Monitoring of the observing system

Surface observations are monitored on the national level.

7. Forecasting system

We have no national NWP model. Some DWD GME model products (from +12h to +72h) have been received via the FAX-E User Station twice per 24h (e.g. surface pressure fields, 850 hPa level temperature, 700 hPa level relative humidity, etc., totally 4 – 7 items). Also, some HIRLAM model products (up to +48h) have been received under the ongoing BALTMET project. These (and some other) data and products are used to originate forecasts from +48h to +120 h. Specialized short-range forecasts are originated using actual synoptic charts by applying methods of evaluation of separate meteorological elements and phenomena, adapted to local conditions.

8. Verification of prognostic products

Verification of prognostic products has not been carried out.

9. Plans for the future

To obtain a forecaster workstation (under the WMO's VCP).