

Pearcy-Obychov criterion T and forecast root-mean square error  $\sigma_Q$  for 24 hours precipitation forecast, calculated for verification period March - December 2002. Versions of model: 1- old version, 2- version including new method of precipitation calculation. Regions of estimations: European part of Russia (a), Central Europe (b), West Europe (c), North America (d).

## References:

- 1. Akimov I.V., 2003. Method of precipitation intensity calculation based on microphysical processes parameterization in liquid and mixed phase clouds. Izvestia. Atmospheric and oceanic physics. v. 39.
- 2. Kessler E., 1969. On the distribution and continuity of water substance in atmospheric circulations. Meteor. Monogr., vol. 10.
  - 3. Matveev L.T., 2000. Physics of atmosphere. S.Pb. Hydrometeoizdat.
  - 4. Mason B.J., 1971. The physics of clouds. Clarendon Press, Oxford.