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**The automated technology for retrieving cloud cover properties, precipitation and weather hazards based on SEVIRI/Meteosat (MSG) data for the European part of Russia / Volkova E.V., Kukharsky A.V. // Hydrometeorological Research and Forecasting, 2020, no. 4 (378), pp. 43-62.**

The technology developed and introduced to the operational practice at Planeta Research Center of Space Hydrometeorology is described. It is based on the original author's approaches to the automatic threshold pixel-by-pixel detection and classification of satellite information by indirect features. A distinctive feature of the derived products is their high operational efficiency (the detection results are recorded to the database in less than 0.5 minutes) and periodicity (15 minutes), as well as the possibility of the complex analysis of synoptic conditions over a vast territory. The results of the testing based on which the Roshydromet Central Methodological Committee for Hydrometeorological and Heliogeophysical Forecasts recommended to implement the technology for retrieving cloud cover properties, precipitation, and weather hazards using SEVIRI/Meteosat data for the European part of Russia in the operational practice are discussed.

*Keywords:* diagnostic maps, cloud cover properties, precipitation, weather hazards, European part of Russia, SEVIRI/Meteosat

Tab. 3. Fig. 7. Ref. 3.