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The paper deals with the development of a new software package that automates the main types of work of agrometeorologist-forecasters in the Roshydromet regional departments. An important difference between this technology and the one previously developed for the Ural Administration for Hydrometeorology and Environmental Monitoring is the use of open tools and libraries for its creation. The technology automates the main types of work in the regional departments, starting from processing daily and ten-day agrometeorological telegrams received via communication channels and ending with the organization of calculating agrometeorological forecasts and preparing tables for ten-day and monthly bulletins, annual reviews, various fact sheets, constructing schematic maps and graphs.

Keywords: automated technology, operational meteorological and agrometeorological data, agrometeorological forecasts, creation of reports, schematic maps, graphs

Fig. 9. Ref. 9.