Salakhov V.R., Flood Time Runoff Assessment by Snow Reserves in the Ptom' Basin

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Abstract: The paper presents the results of a study of the formation of spring flood runoff in the Ptom' River basin (Kemerovo Oblast, Russian Federation). The study is based on the analysis of long-term observations of snow reserves and meteorological data. The main factors affecting the formation of spring flood runoff are considered. The relationship between snow reserves and runoff volume is established. The results can be used in the development of methods for forecasting spring flood runoff and in the rational use of water resources in the basin.

Keywords: Ptom' River, spring flood, snow reserves, runoff, forecasting, water resources, Kemerovo Oblast, Russian Federation, solid pr