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Analysis of the causes of flooding on the Partizanskaya River (Primorsky Krai) in September 2022 / Lisina I.A., Vasilevskaya L.N., Vasilevsky D.N., Kramareva L.S., Shamilova Yu.A. // Hydrometeorological Research and Forecasting, 2023, no. 1 (387), pp. 102-119.

The article presents the analysis of conditions for the occurrence and development of flooding caused by the influence of typhoon Hinnamnor in September 2022 on the Partizanskaya River, which is not typical of this basin and therefore led to major economic damage.

It was found that, against the background of orographic features of the southeastern Primorsky Krai, intense precipitation was registered due to the development of deep convection in the system of the former typhoon, which along with increased wetting of the catchment surface in the previous summer months, caused the 2022 strongest flood on the Partizanskaya River.

Keywords: Primorsky Krai, Partizanskaya River, typhoon impact, heavy shower, outstanding flood, NDVI

Tab. 2. Fig. 7. Ref. 19.