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**On the problem of interrelation between extreme lunisolar tides in 2021 and weather change** / Sidorenkov N.S. // Hydrometeorological Research and Forecasting, 2021, no. 1 (379), pp. 157-162.

The transformations of synoptic processes and severe weather events that sometimes accompany them occur near the extremes (maxima and minima) of tidal fluctuations in the Earth's angular velocity. A graph of tidal fluctuations in the Earth's angular velocity for 2021 is presented. The extremes of tidal fluctuations in the Earth's angular velocity for 2021 are identified and their calendar dates are determined. On these dates, the transformation of synoptic processes and sometimes hydrometeorological hazards may be expected. The case of catastrophic icing in the Vladivostok area during the extreme on November 18, 2020 is described.

*Keywords:* transformation of synoptic processes, weather forecasts, severe weather events, tidal fluctuations in the Earth's angular velocity

Fig. 2. Ref. 6.