**Use of geomagnetic indices in weather issues**

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Geomagnetic indices are important parameter in weather forecasting methods. The development of the global circulation processes are depending on their capacity in, and then the emergence of the local weather. Applying Earth's magnetosphere model is conducted the continuous observation on the magnetic field and the expected geomagnetic storms have to be predicted what is important in weather formation on the earth

The correlation between geomagnetic storms and meteorological elements (temperature, precipitation, wind) have been determined for Georgian region using meteorological observation and NASA’s Solar Dynamics Observatory and NOAA Space Weather Prediction Center data. The results show that there exist dependence between weather parameters and income radiation