

Dependence of monthly mean temperatures and precipitation in Siberia of the Northern hemisphere temperature changing

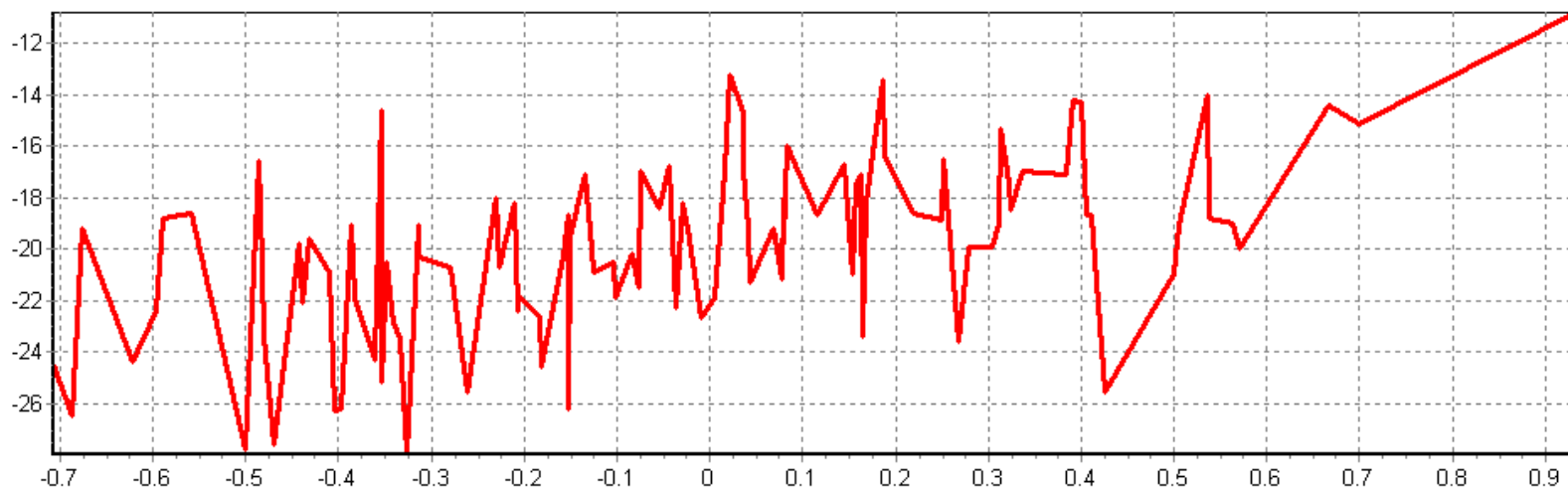
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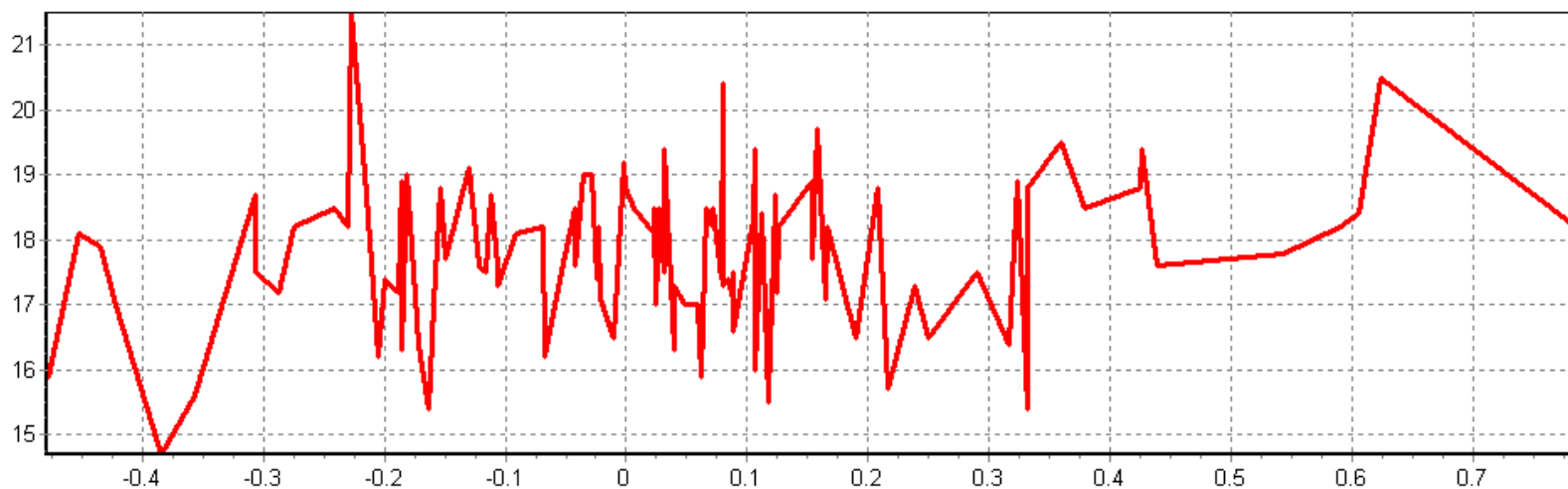
Institute of Biophysics of SB RAS, Krasnoyarsk



The trends of monthly mean temperature of the Northern hemisphere

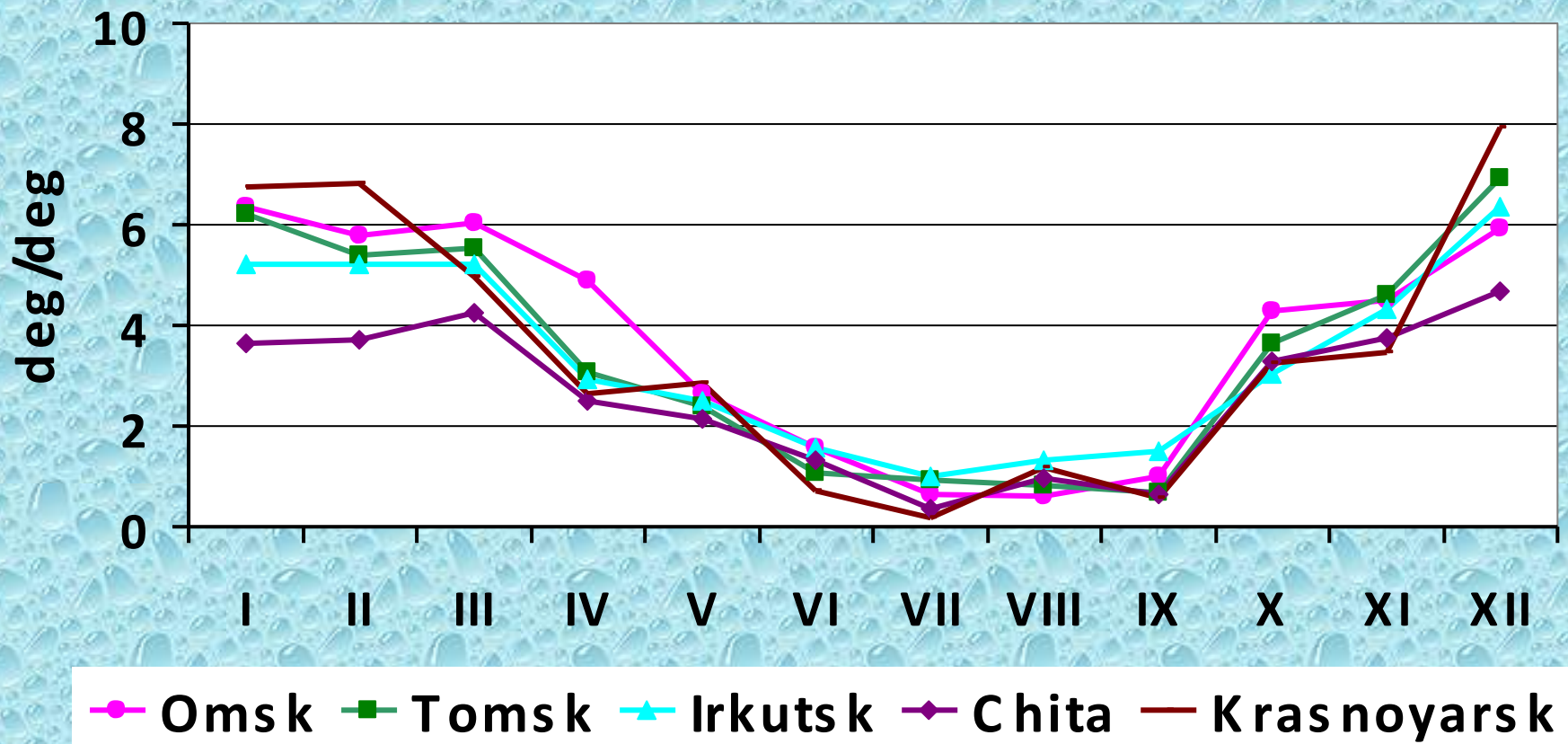


a

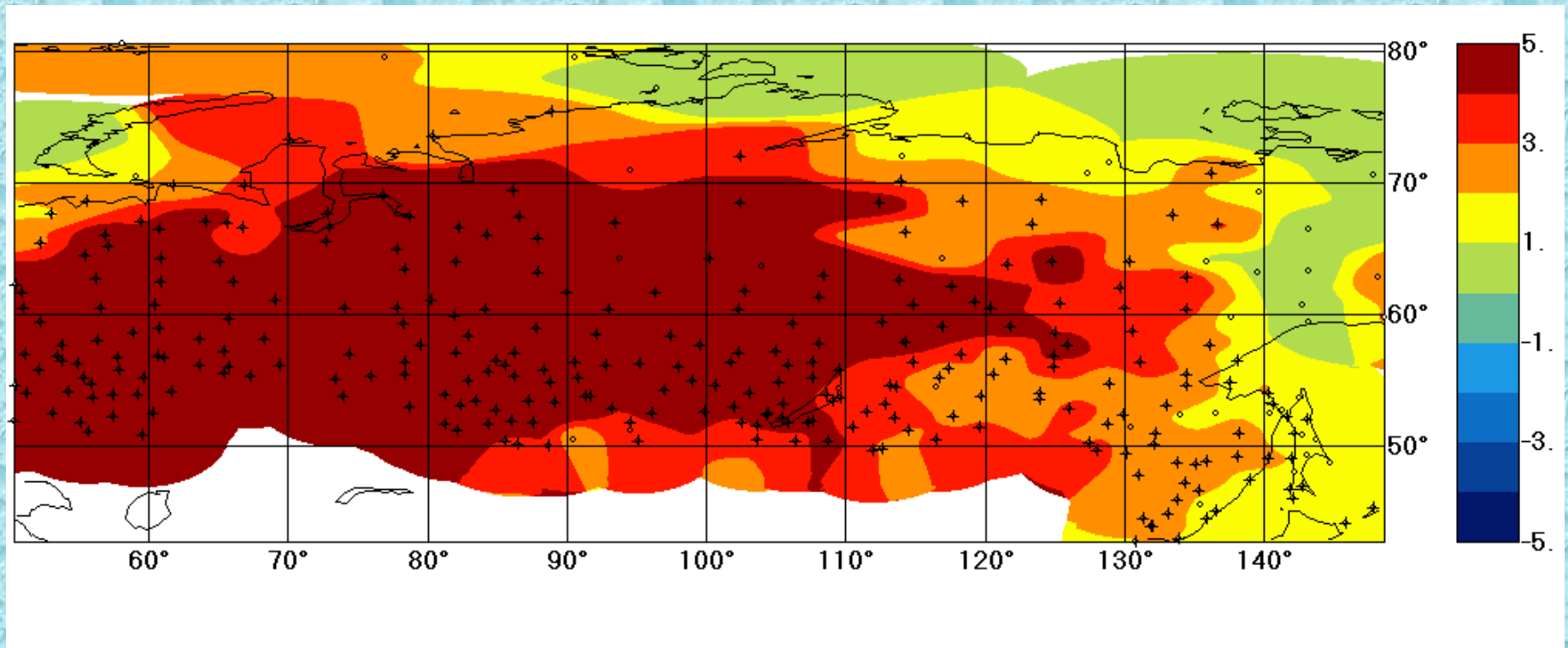


b

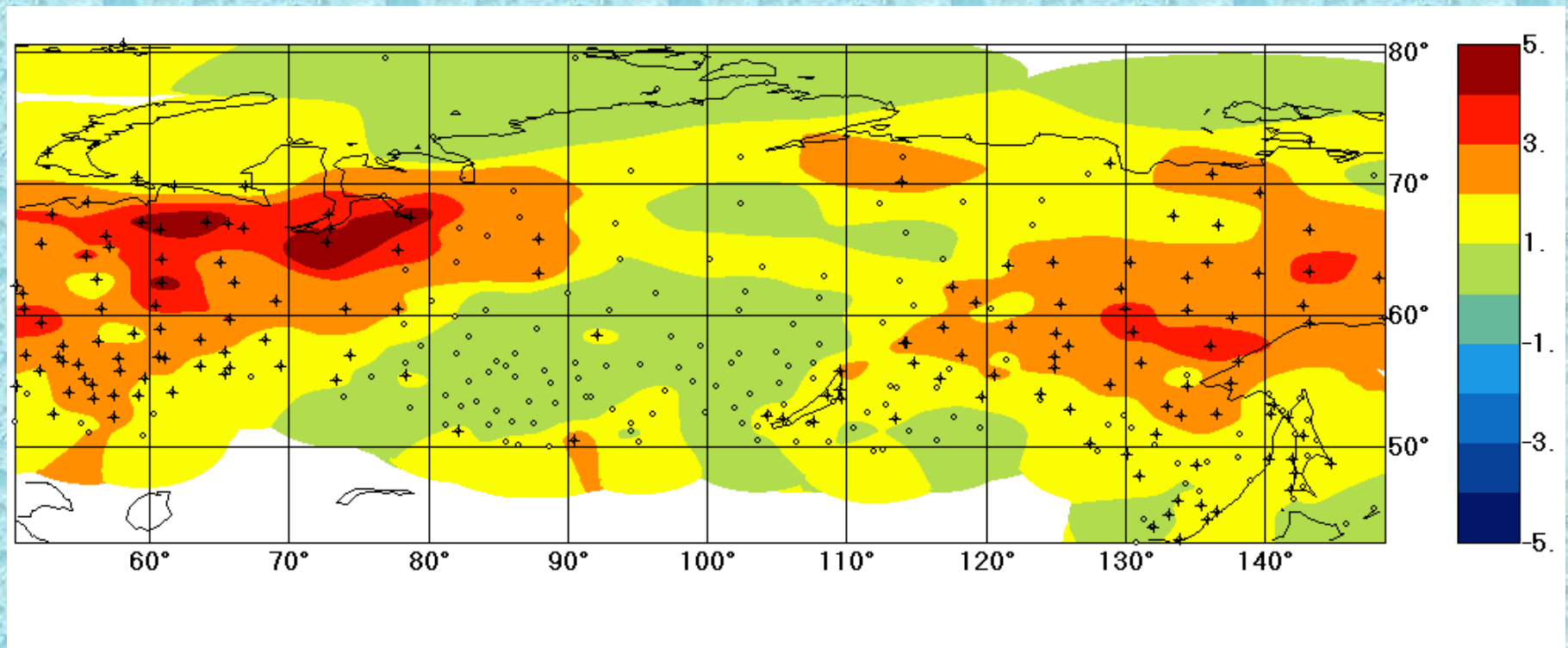
The dependence of monthly mean temperatures in Irkutsk
of the Northern hemisphere temperature changing,
a) January, b) July



The linear regression coefficients of monthly mean temperatures in Omsk, Tomsk, Irkutsk, Chita and Krasnoyarsk and the Northern hemisphere temperature changing.

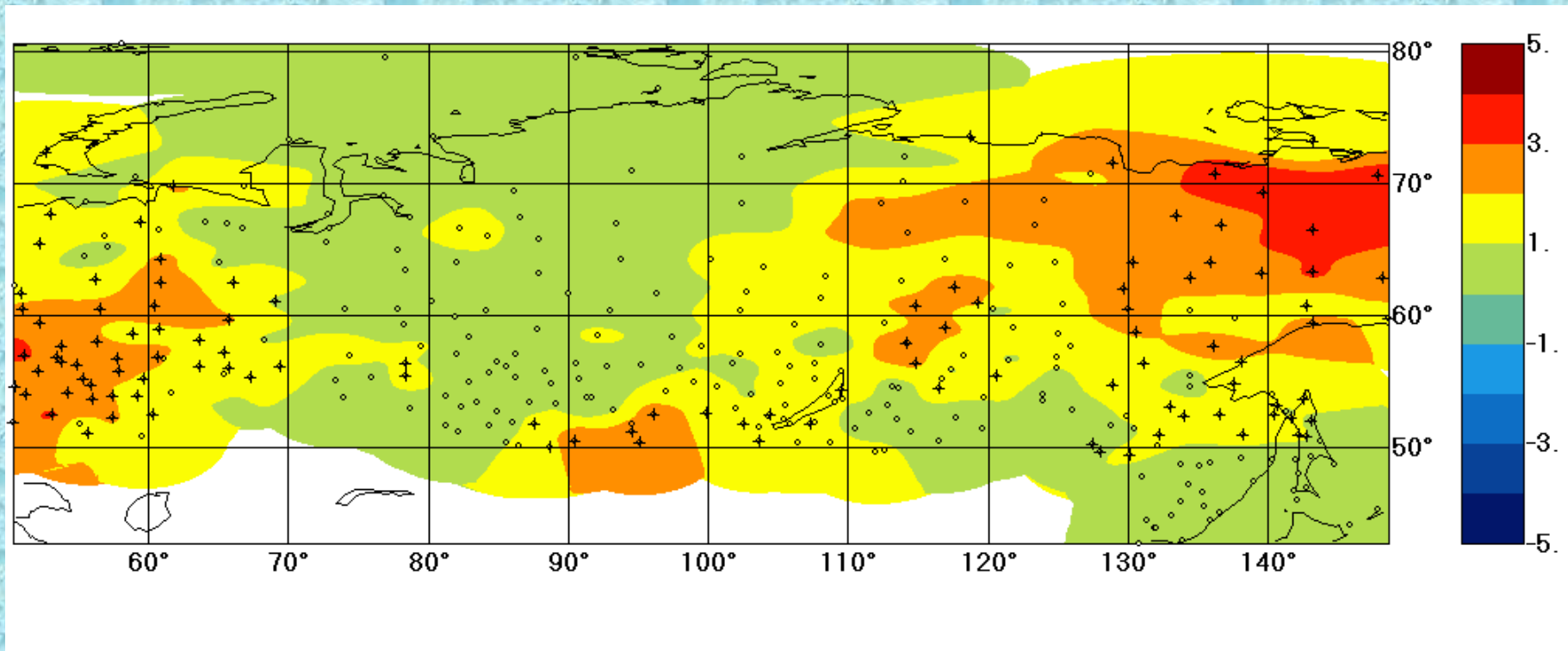


The spatial distribution of linear regression coefficients between the temperature on meteorological stations and the Northern hemisphere temperature in May. "+" means significantly positive dependence.

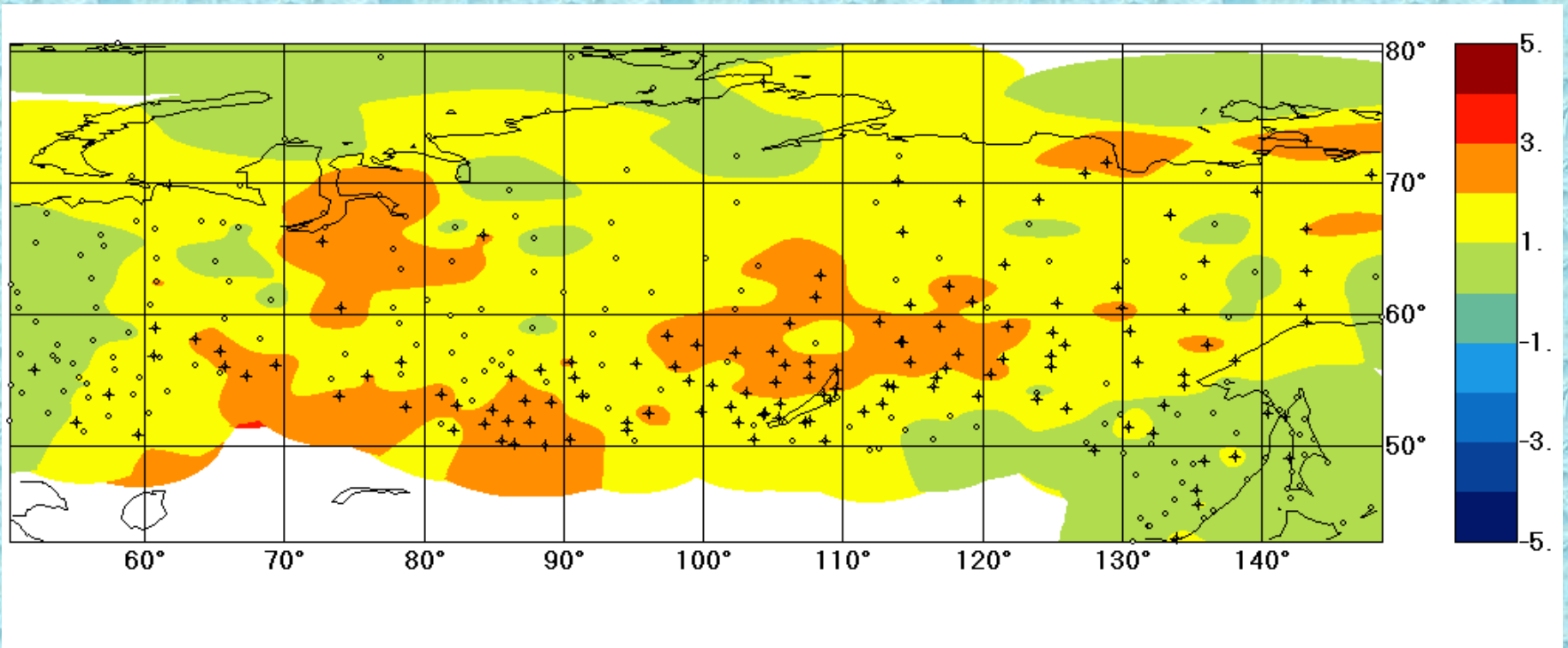


The spatial distribution of linear regression coefficients between the temperature on meteorological stations and the Northern hemisphere temperature in June.

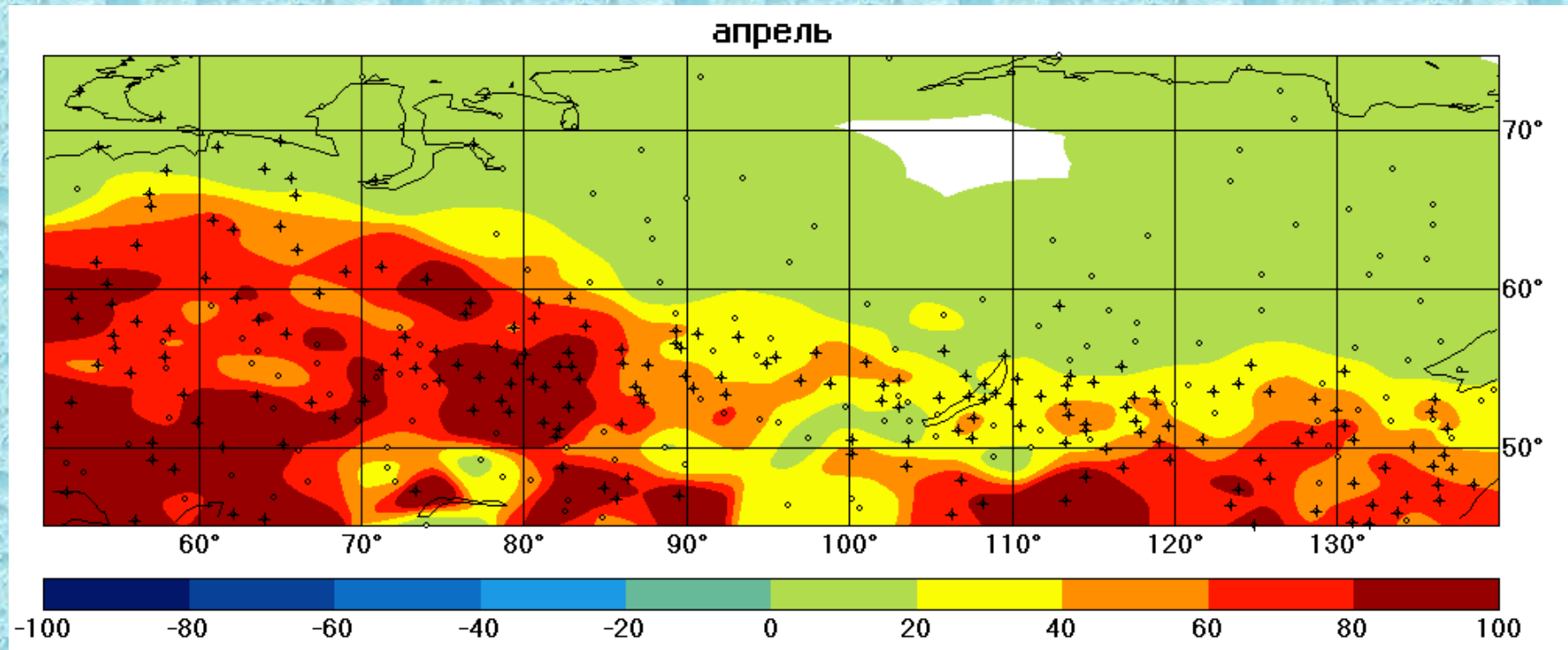
"+" means significantly positive dependence.



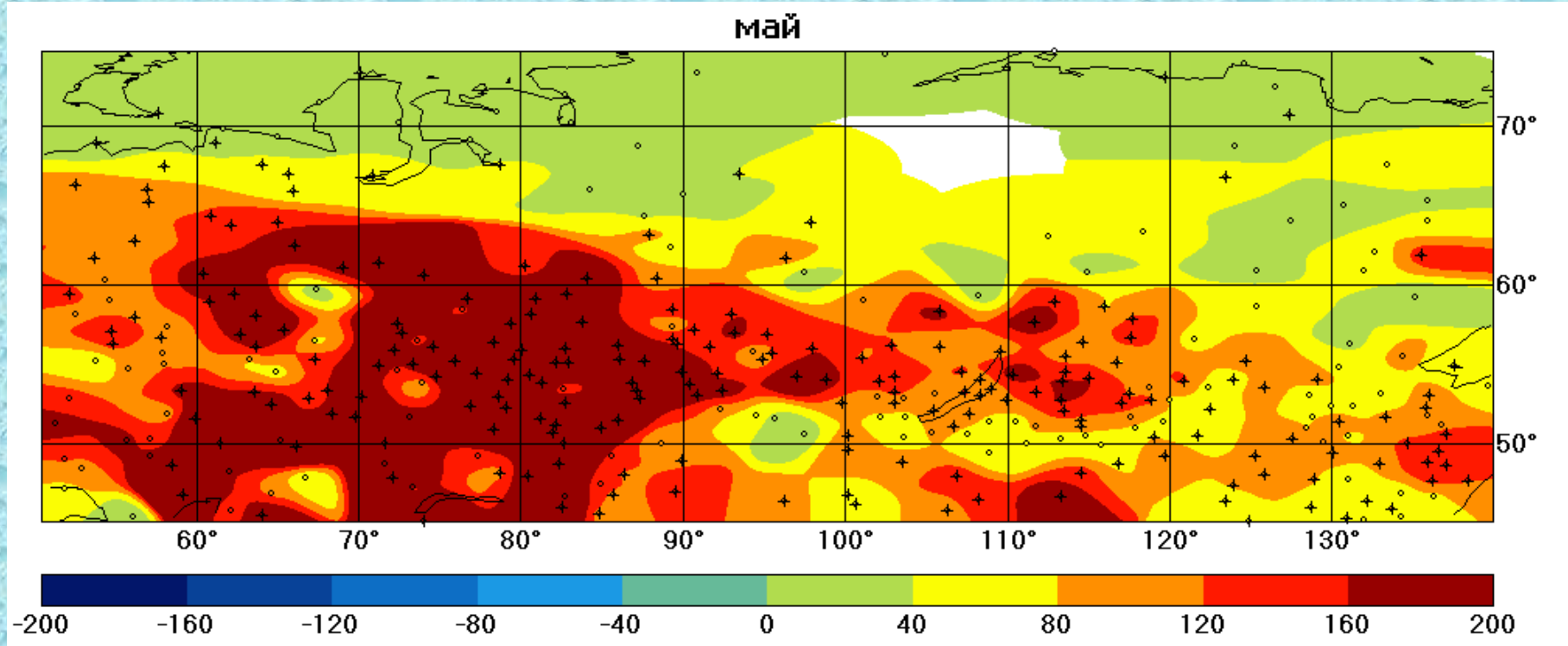
The spatial distribution of linear regression coefficients between the temperature on meteorological stations and the Northern hemisphere temperature in July. "+" means significantly positive dependence.



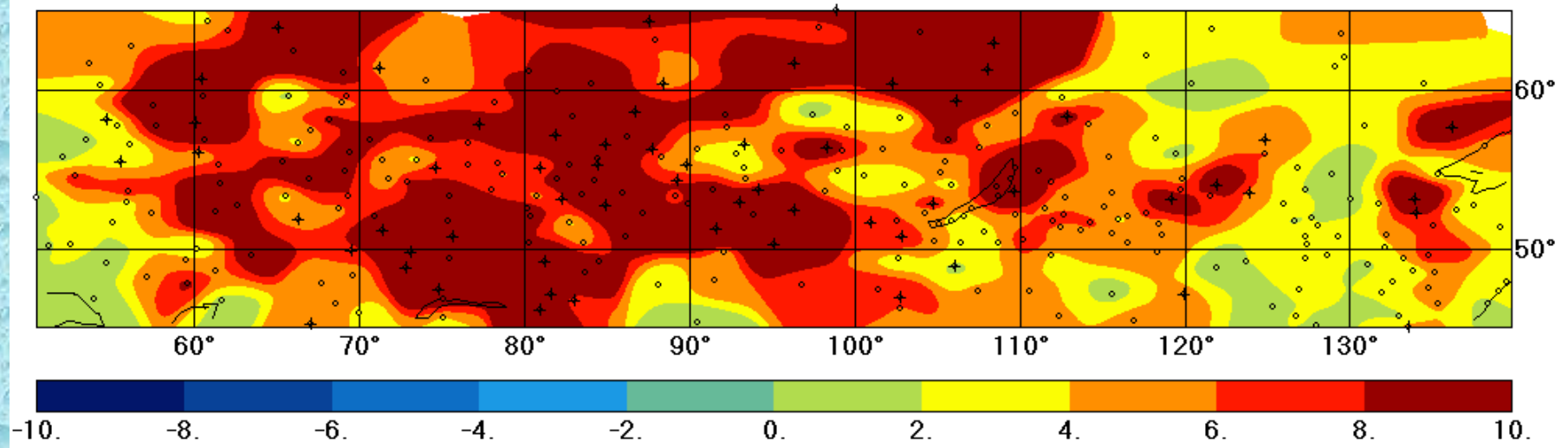
The spatial distribution of linear regression coefficients between the temperature on meteorological stations and the Northern hemisphere temperature in August. "+" means significantly positive dependence.



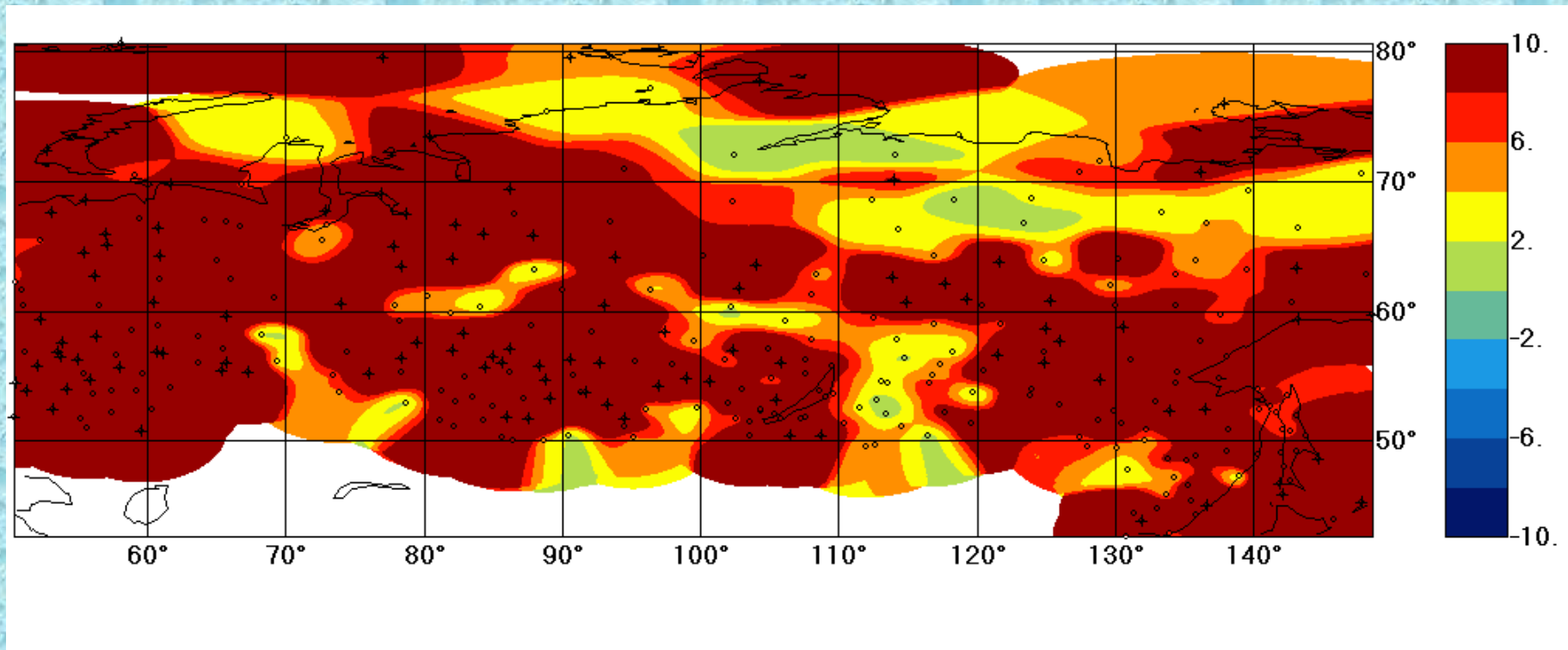
The spatial distribution of linear regression coefficients between the active temperature sums on meteostations and the Northern hemisphere temperature in April. "+" means significantly positive dependence.



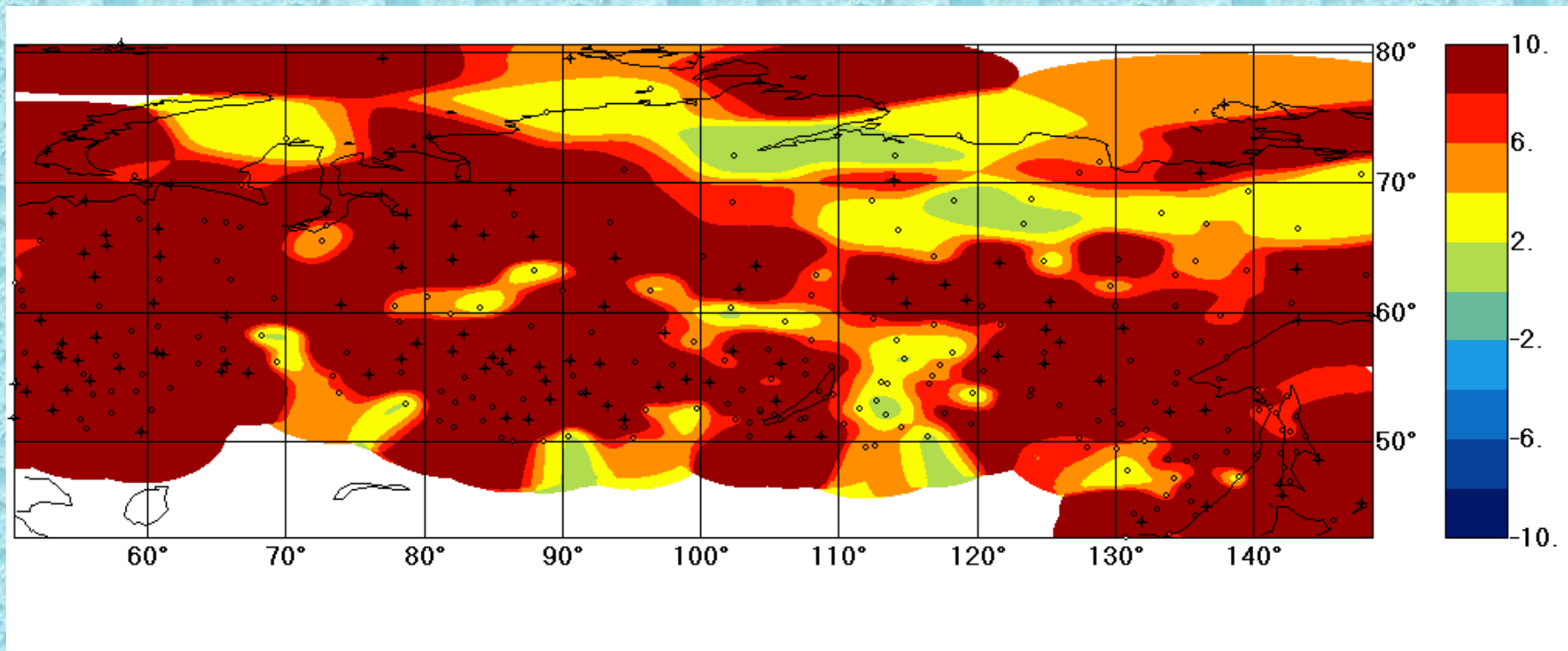
The spatial distribution of linear regression coefficients between the active temperature sums on meteostations and the Northern hemisphere temperature in May. "+" means significantly positive dependence



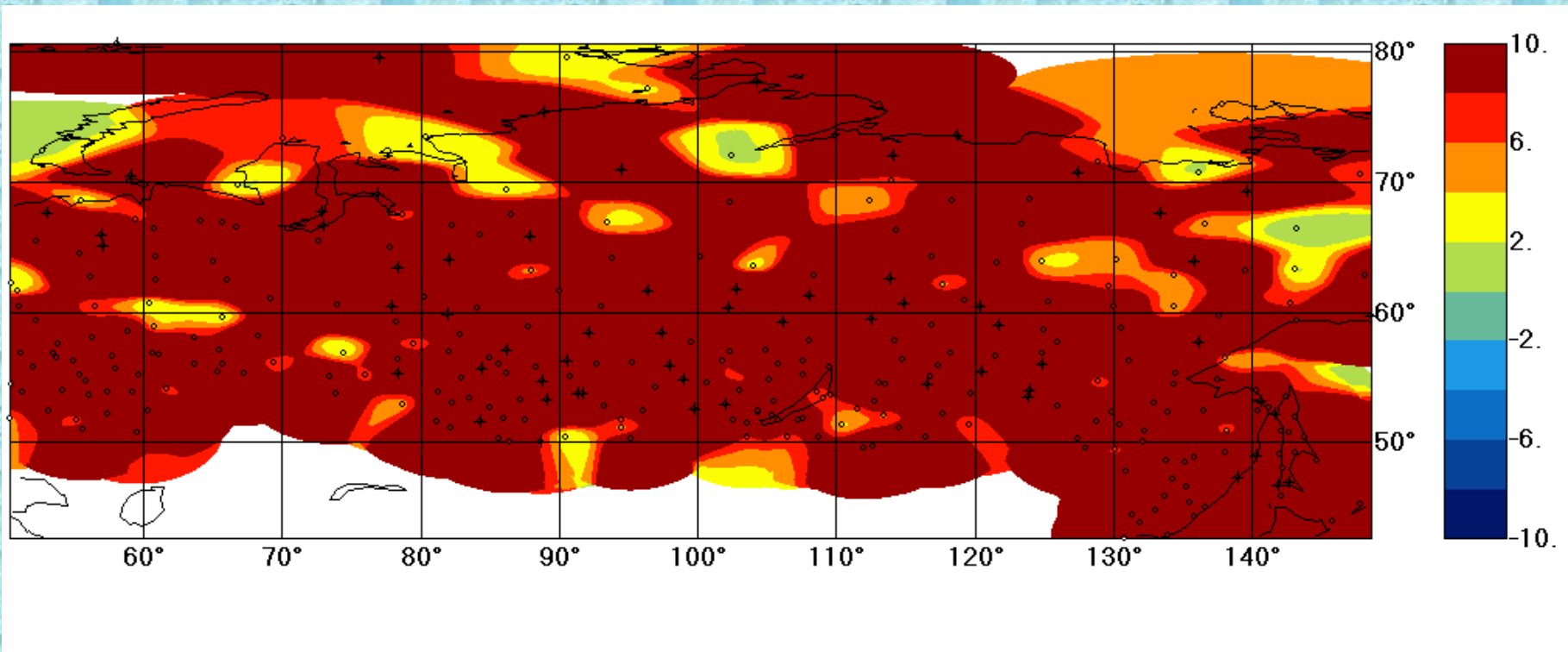
The spatial distribution of linear regression coefficients between the quantity of days in the optimal temperature interval on meteostations and the Northern hemisphere temperature in July. "+" means significantly positive dependence



The spatial distribution of linear regression coefficients between the monthly precipitation sums on meteostations and the Northern hemisphere temperature in April. "+" means significantly positive dependence



The spatial distribution of linear regression coefficients between the monthly precipitation sums on meteorostations and the Northern hemisphere temperature in May. "+" means significantly positive dependence



The spatial distribution of linear regression coefficients between the monthly precipitation sums on meteorostations and the Northern hemisphere temperature in June. "+" means significantly positive dependence