

Earth Cryosphere Institute SB RAS

***GENERAL ENVIROMENT AND
CLIMATE OF THE EAT***

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Location of EAT

ostrov Kheysa



Vaskiny Dachi



Nadym



ostrov Belyy



Kharasavey

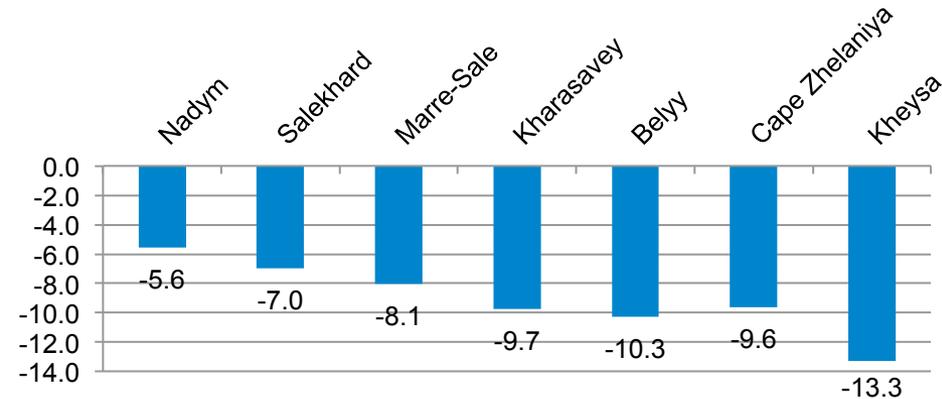


Laborovaya

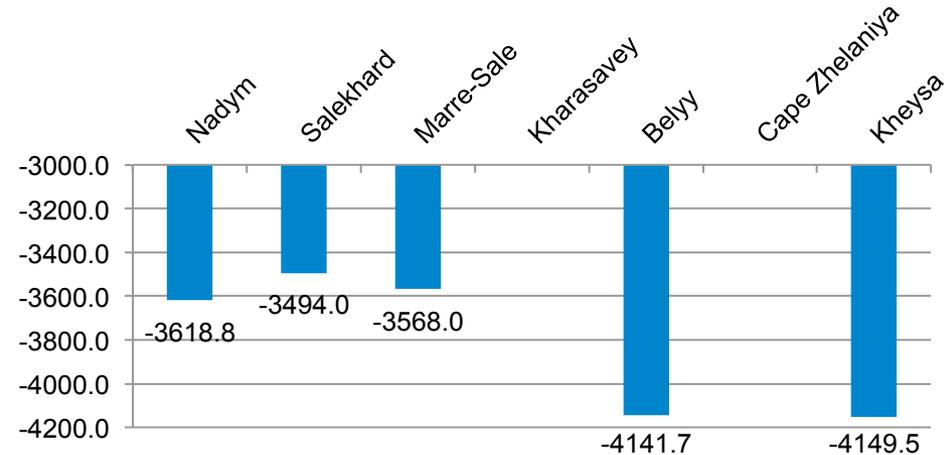


Climate

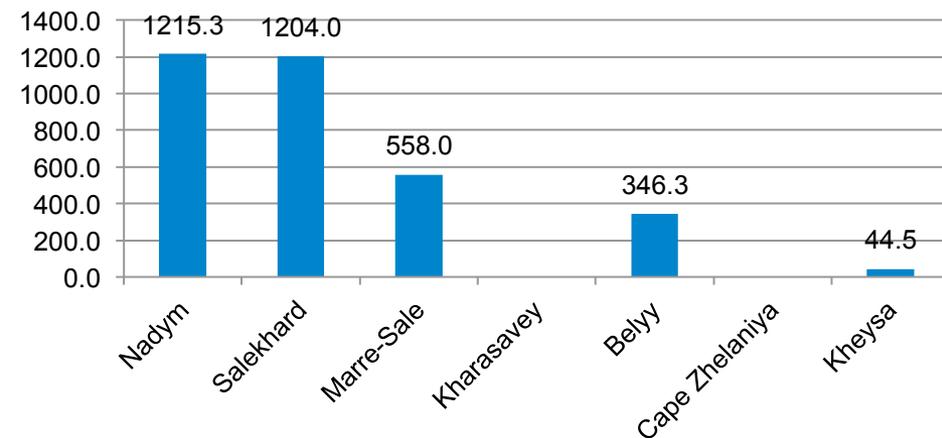
average annual air temperature, °C



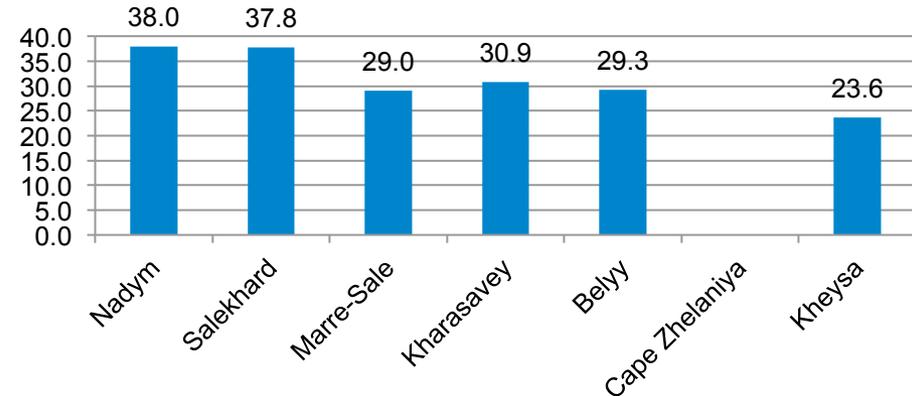
sum of temperature <0, °C



sum of temperature >0, °C

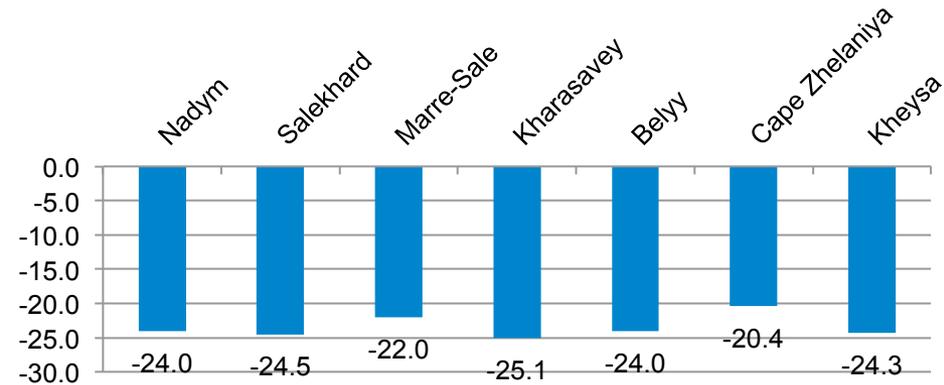


average amplitude monthly mean temperature, °C

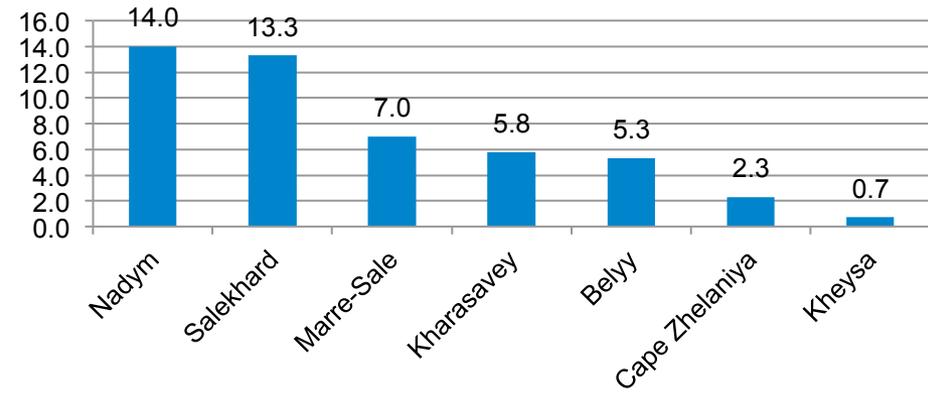


Climate

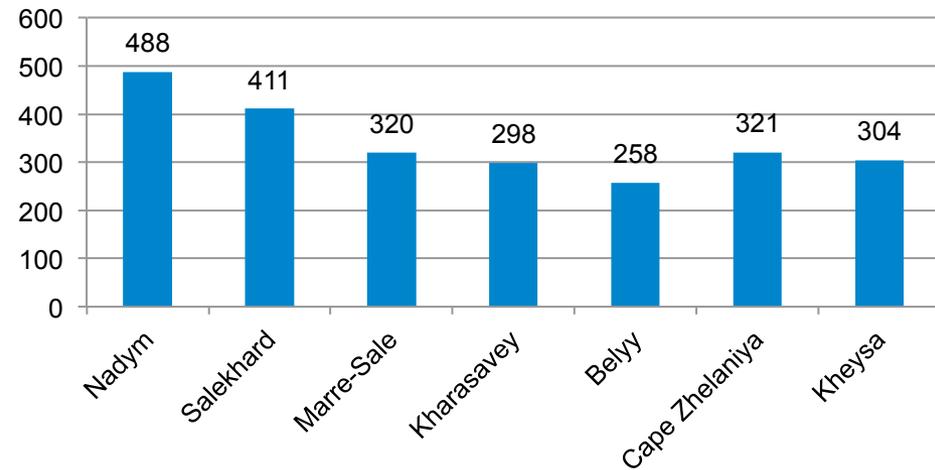
temperature of the coldest month, °C



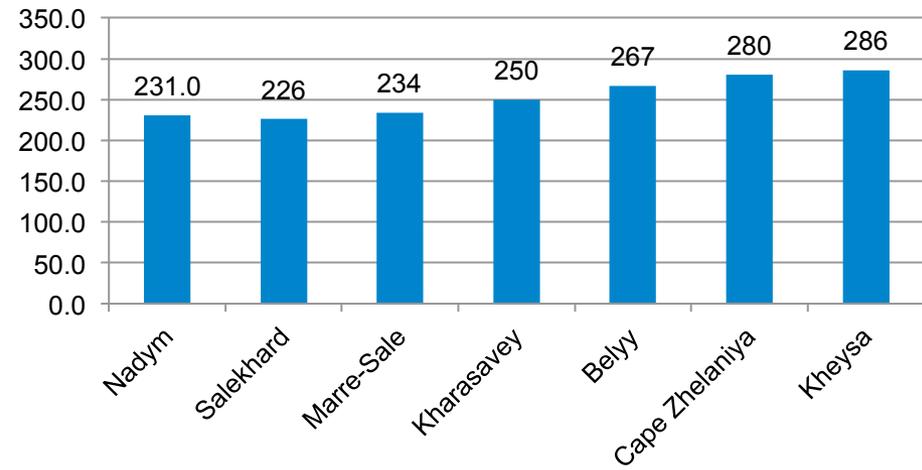
temperature of the warmest month, °C



sum annual precipitation, mm

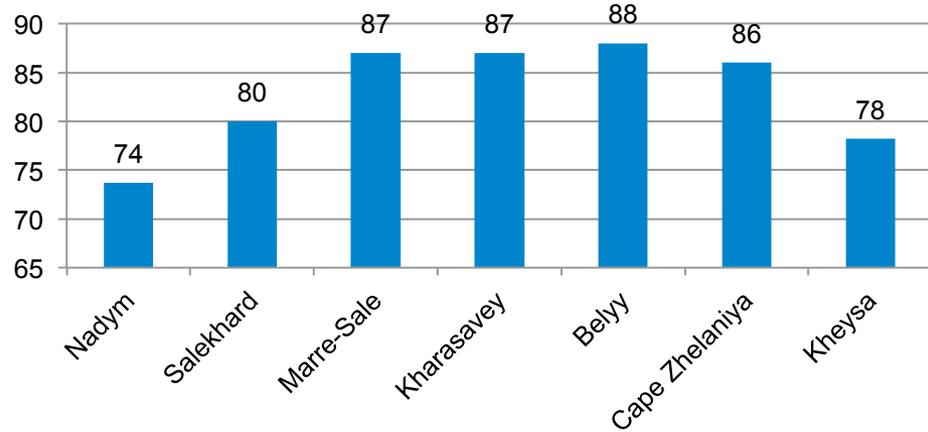


duration of snow cover, days

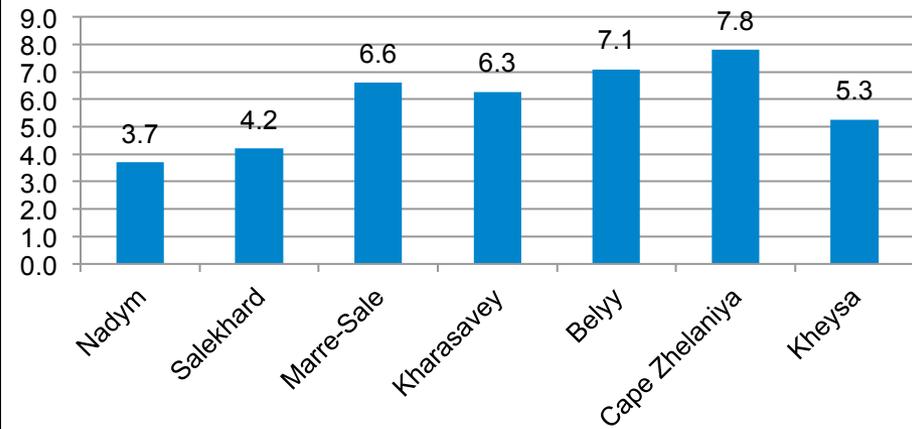


Climate

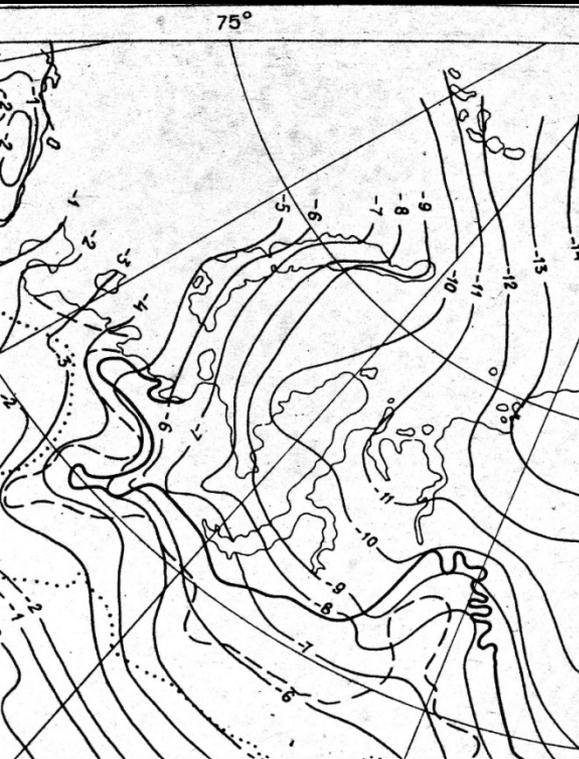
relative humidity, %



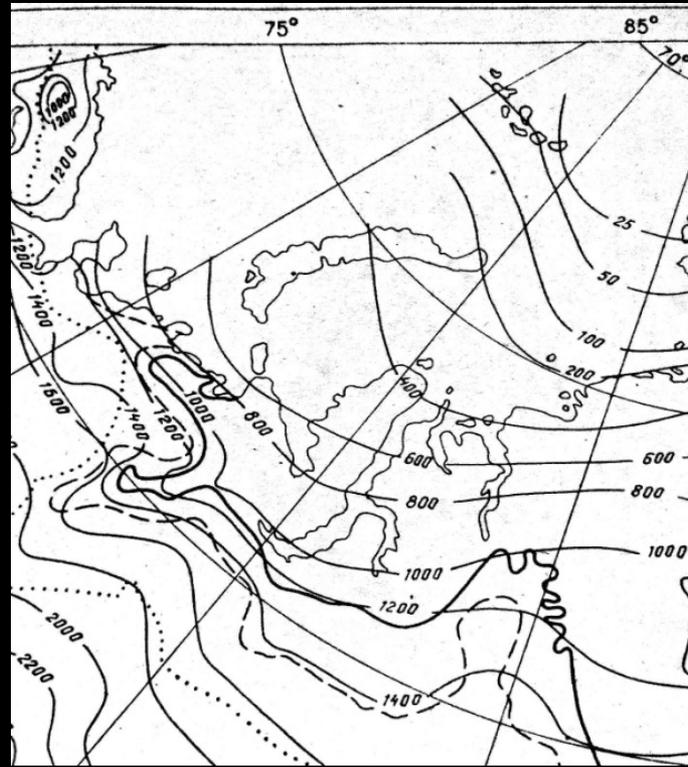
average annual wind speed, m/s



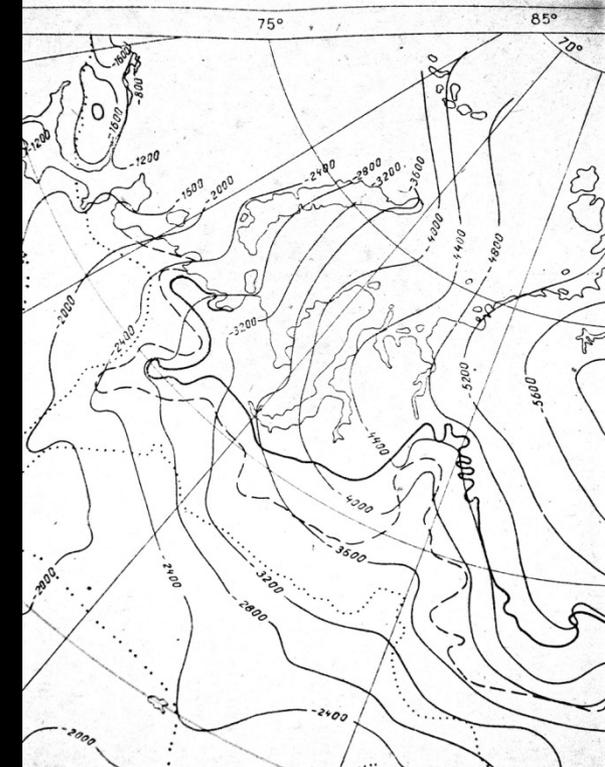
Spatial patterns of air temperature distribution



average annual air temperature

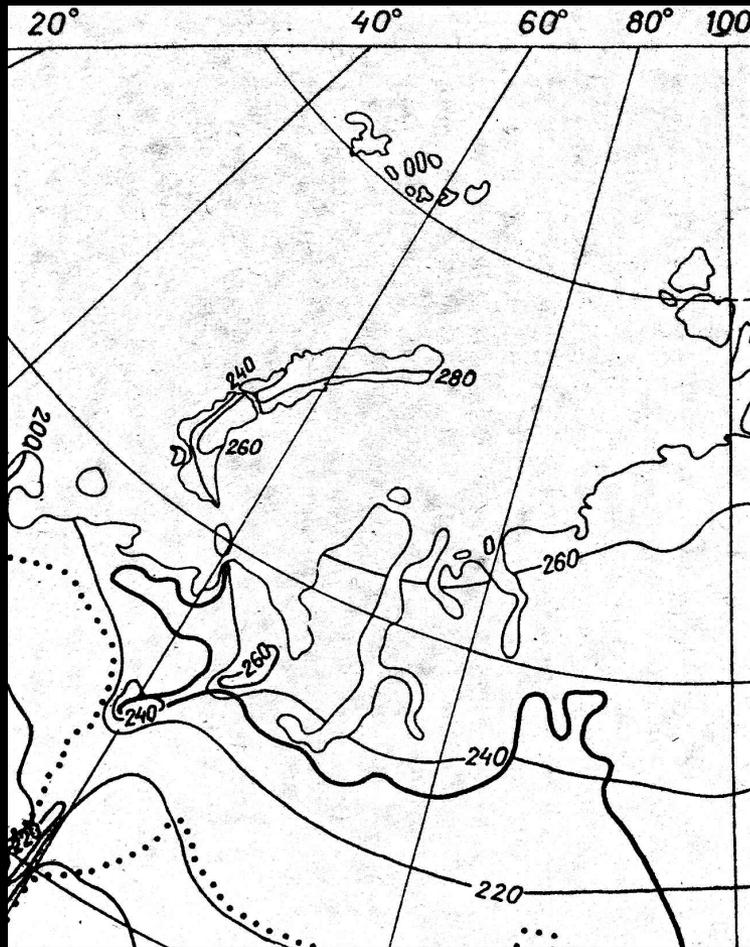


amount of air temperatures for the period of thawing

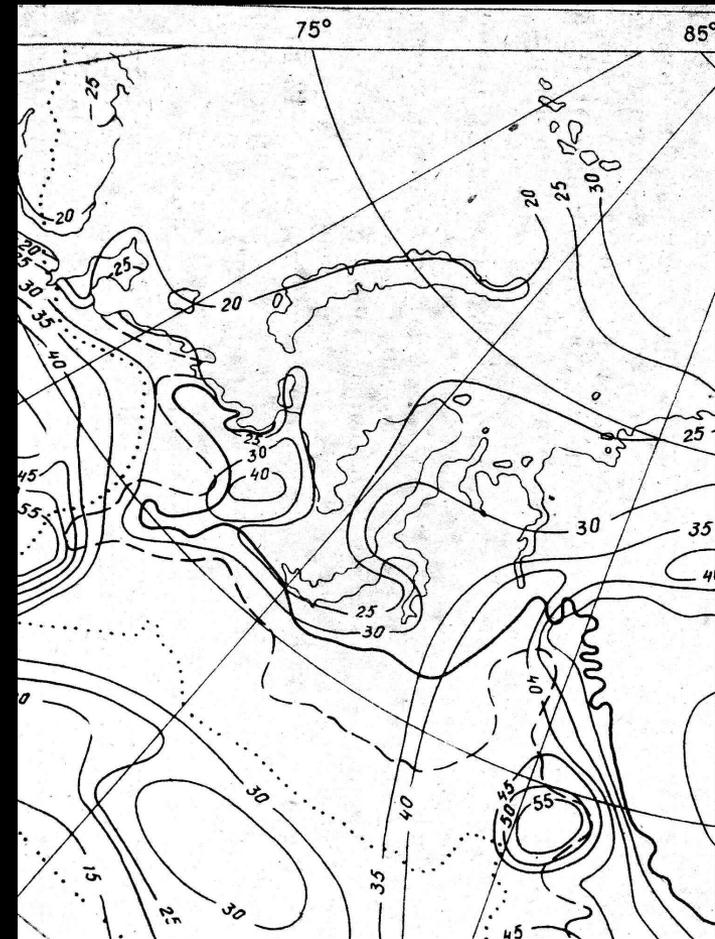


amount of air temperatures for the period of freezing

Spatial patterns of snow cover distribution



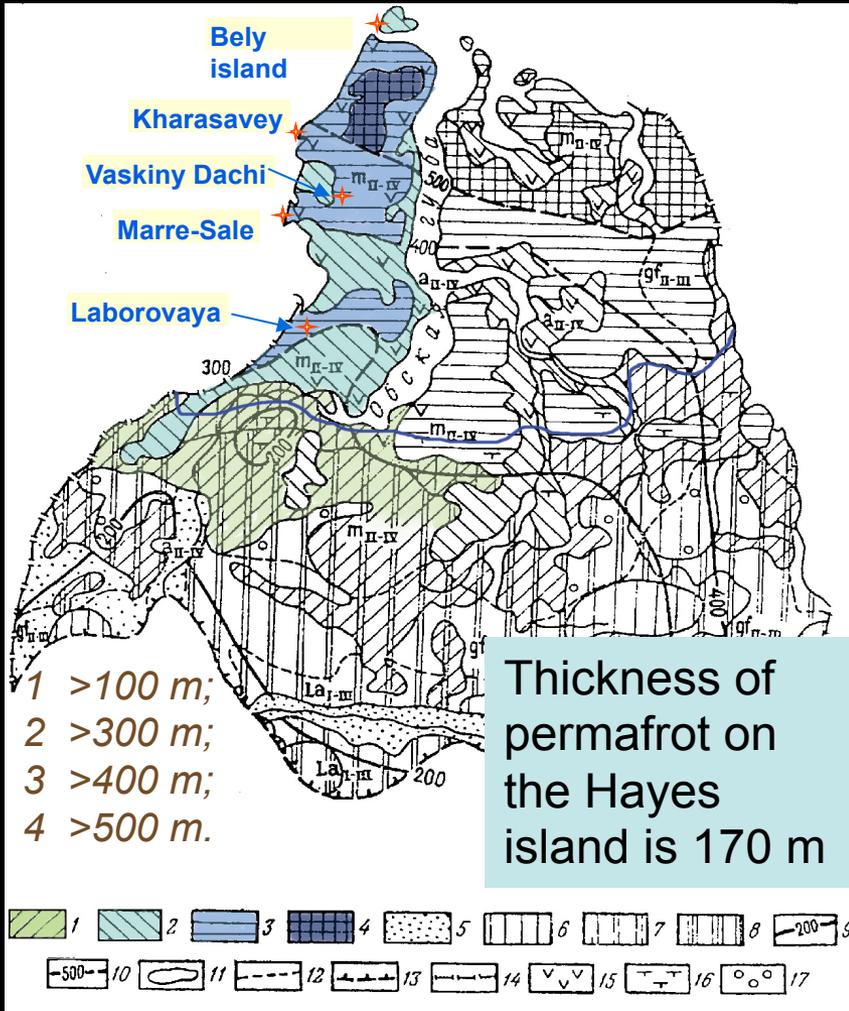
number of days with snow cover



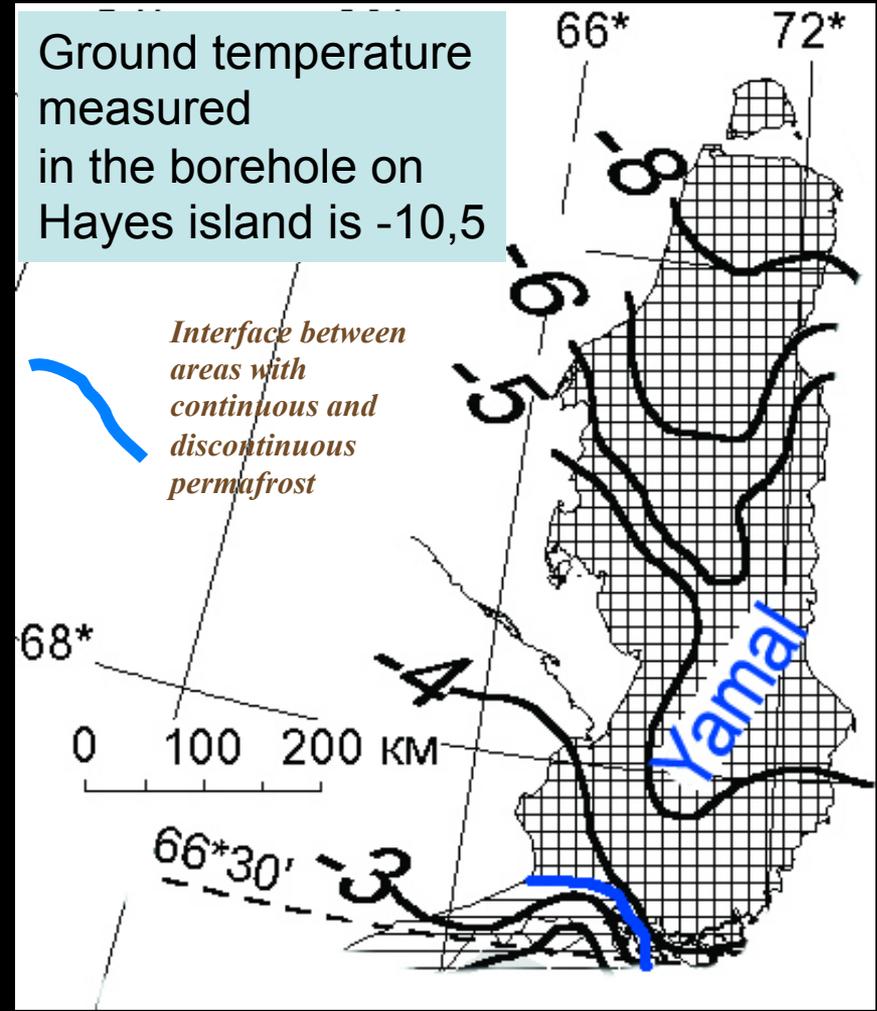
average height of snow cover

permafrost condition

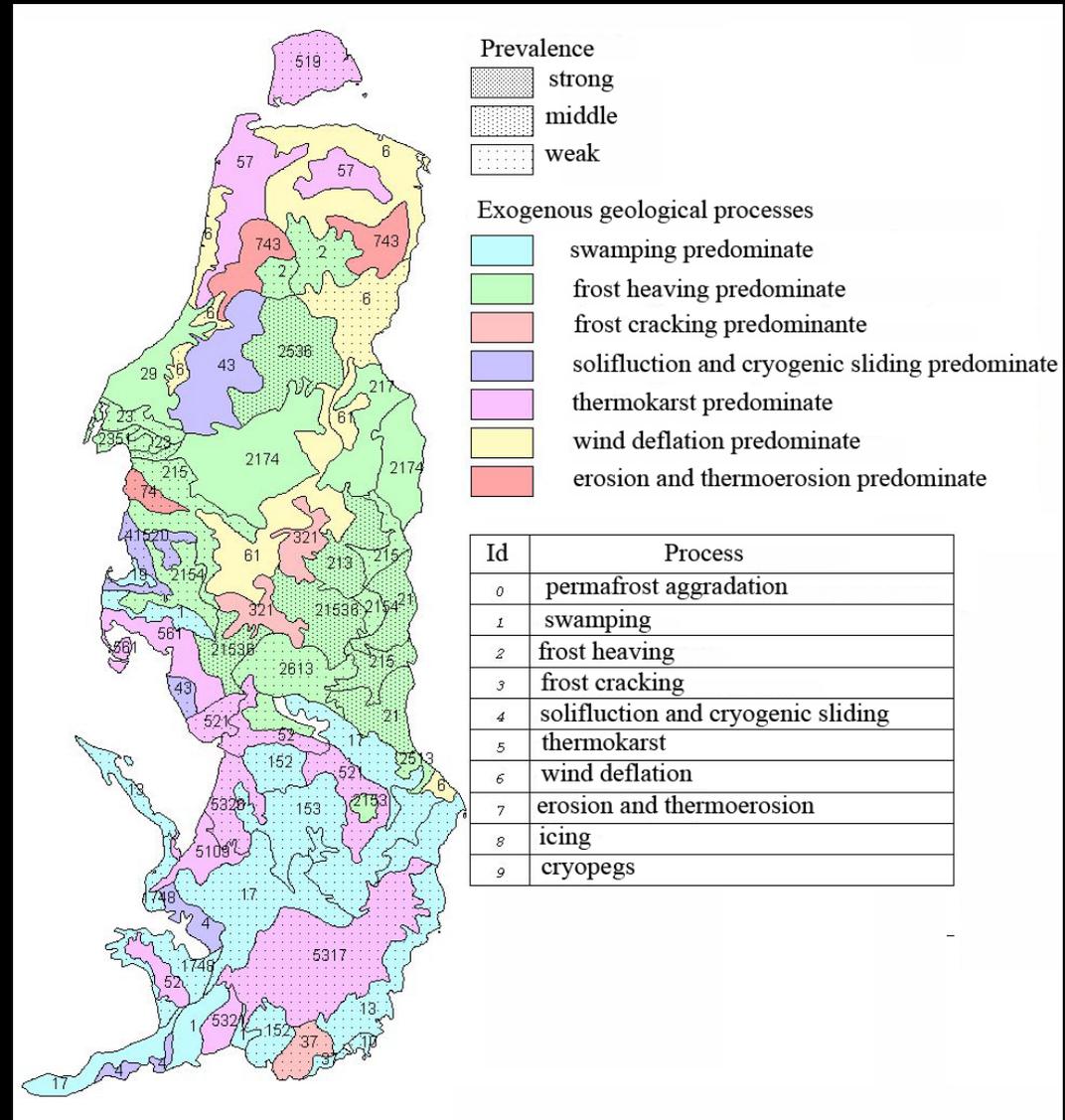
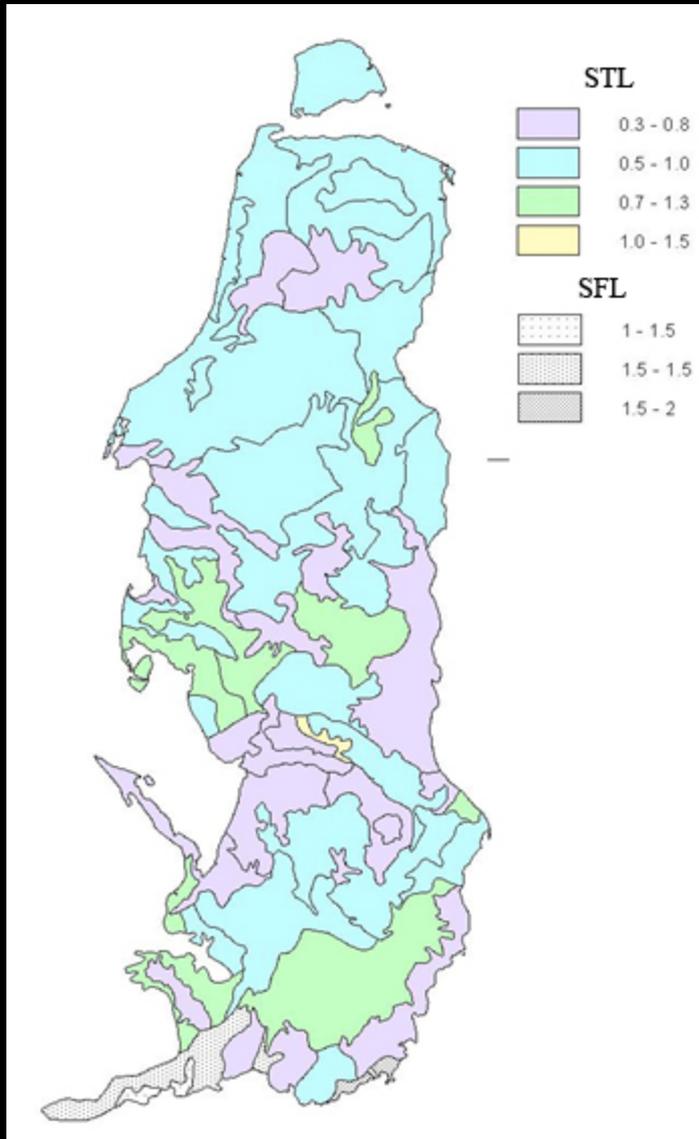
THICKNESS AND DISTRIBUTION OF PERMAFROST



Ground temperature



Active layer and cryogenic and other surface processes



**Thank you for
your attention!**