



# CHARACTERISTICS OF THE RESEARCH OBJECT

The Norilsk industrial region is located north of the Arctic Circle, in the southern part of the Taimyr Peninsula.

The climate is subarctic, sharply continental, 2/3 of the year the average monthly air temperatures are negative, frost-free only in June, July and August.

The period of persistent frost lasts around 280 days a year, with more than 130 days with blizzards. A peculiarity of winter is a combination of low temperatures and strong squall wind (frost down to  $-53\text{ }^{\circ}\text{C}$  and wind up to 24 m/s). Norilsk is one of the five windiest settlements on the planet.

The annual cycle of absolute temperatures is  $97\text{ }^{\circ}\text{C}$ . The average annual air temperature is minus  $9.6\text{ }^{\circ}\text{C}$ . The absolute minimum air temperature is minus  $53\text{ }^{\circ}\text{C}$ . The absolute maximum is  $32\text{ }^{\circ}\text{C}$ .

The polar day lasts from May 20 to July 24, and the polar night – from November 30 to January 13.



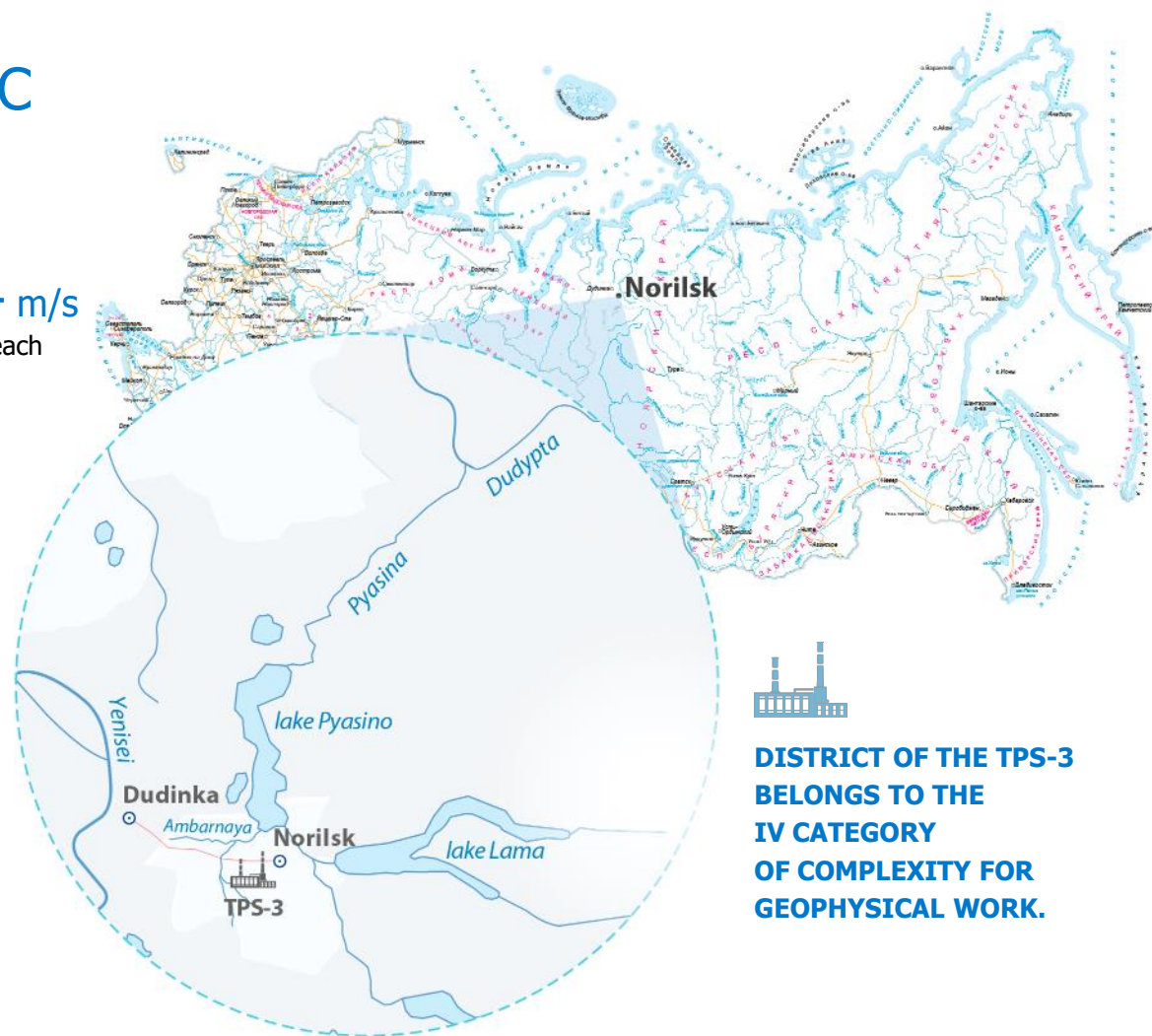
$-53\text{ }^{\circ}\text{C}$   
minimal  
temperature



$+32\text{ }^{\circ}\text{C}$   
maximal  
temperature



up to  $24\text{ m/s}$   
wind gusts reach



**DISTRICT OF THE TPS-3  
BELONGS TO THE  
IV CATEGORY  
OF COMPLEXITY FOR  
GEOPHYSICAL WORK.**