



**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**FORECAST OF ICE THICKNESS INCREASE IN THE NORTHEASTERN OF THE
CASPIAN SEA FOR JANUARY 29 –31, 2025**

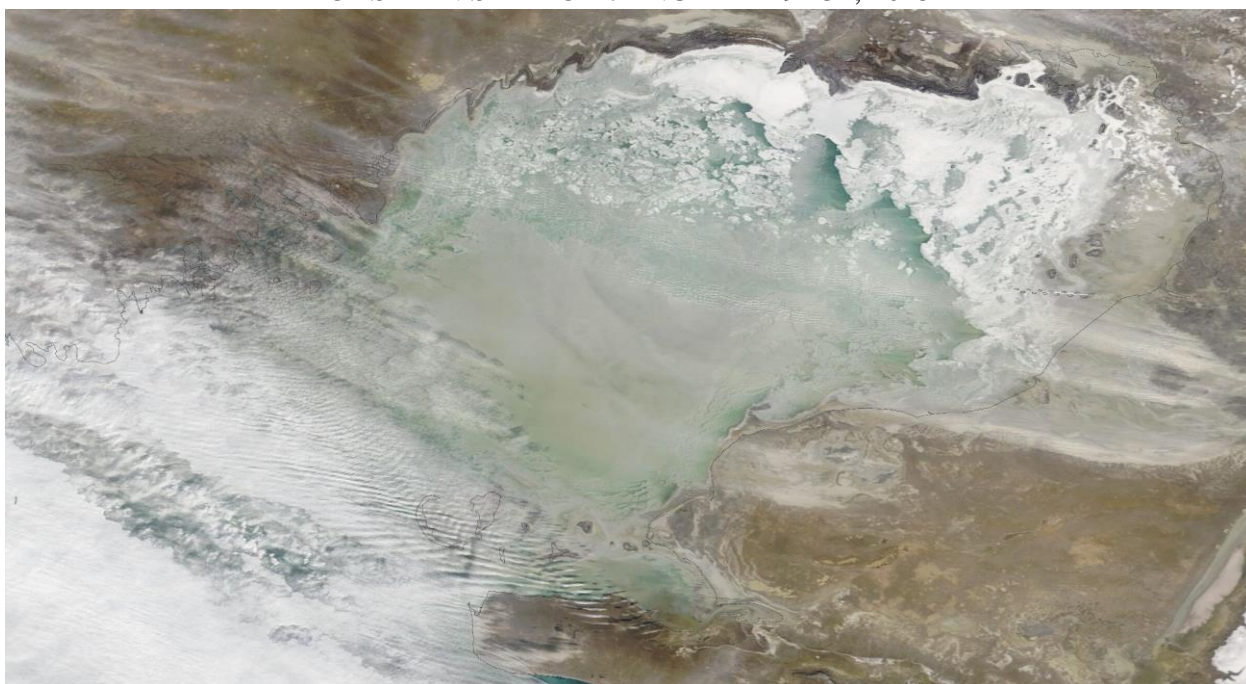


Fig.1 Space image of the Caspian Sea, January 23, 2025 (NASA/GSFC)

Table 1

Long-term Average and Extreme Ice Thickness in January

Point name	Average ice thickness in January	Maximum ice thickness in January	Minimum ice thickness in January *
Peshnoy*	25	54 (1985)	10 (2000, 2020)
Zhanbay*	27	43 (2021)	12 (2004)

* Note: The observation period for the Peshnoy point is 1981–2022, and for the Zhanbay point, it is 2004–2022

* Dependent on the formation of a stable ice cover.

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Table 2

Forecast of ice thickness in the Caspian Sea for January 29-31, 2025

Point name / date	The actual thickness of the ice, cm	Forecast ice thickness growth, cm			Forecast ice thickness growth, cm		
	28.01.2025	29.01.2025	30.01.2025	31.01.2025	29.01.2025	30.01.2025	31.01.2025
Peshnoy	15	0	0	1	15	15	16

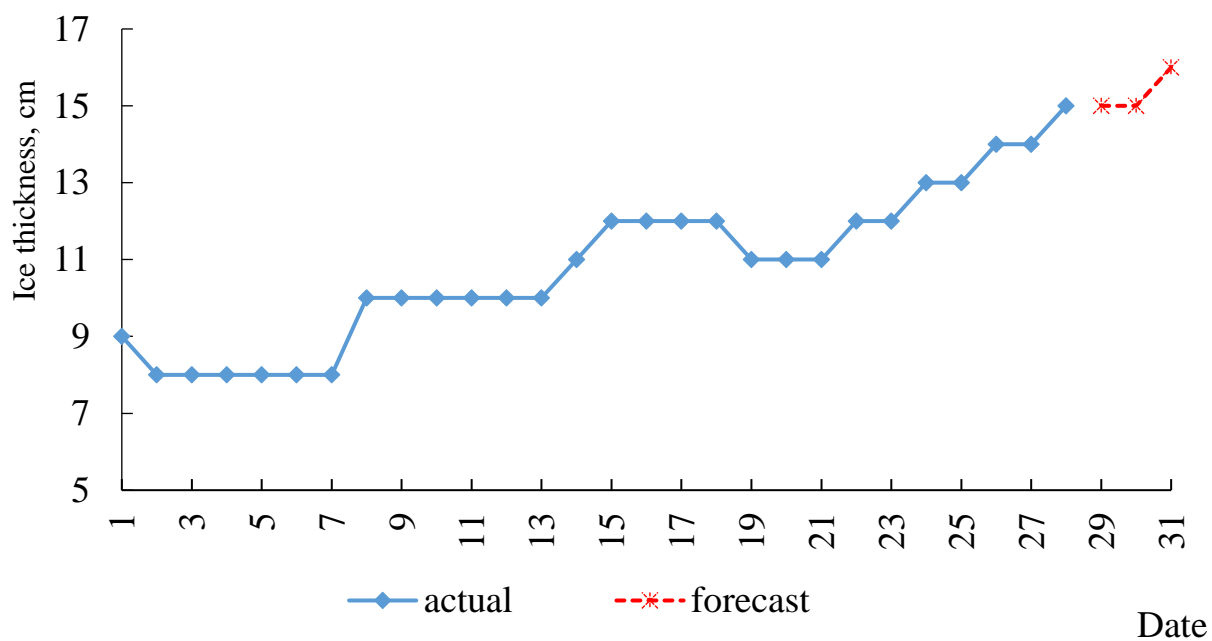


Fig. 2 Time course of ice thickness from data of Peshnoy station during the period from 1 January 2025 to 28 January 2025.

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