



**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 FEBRUARY 19 –21, 2025**

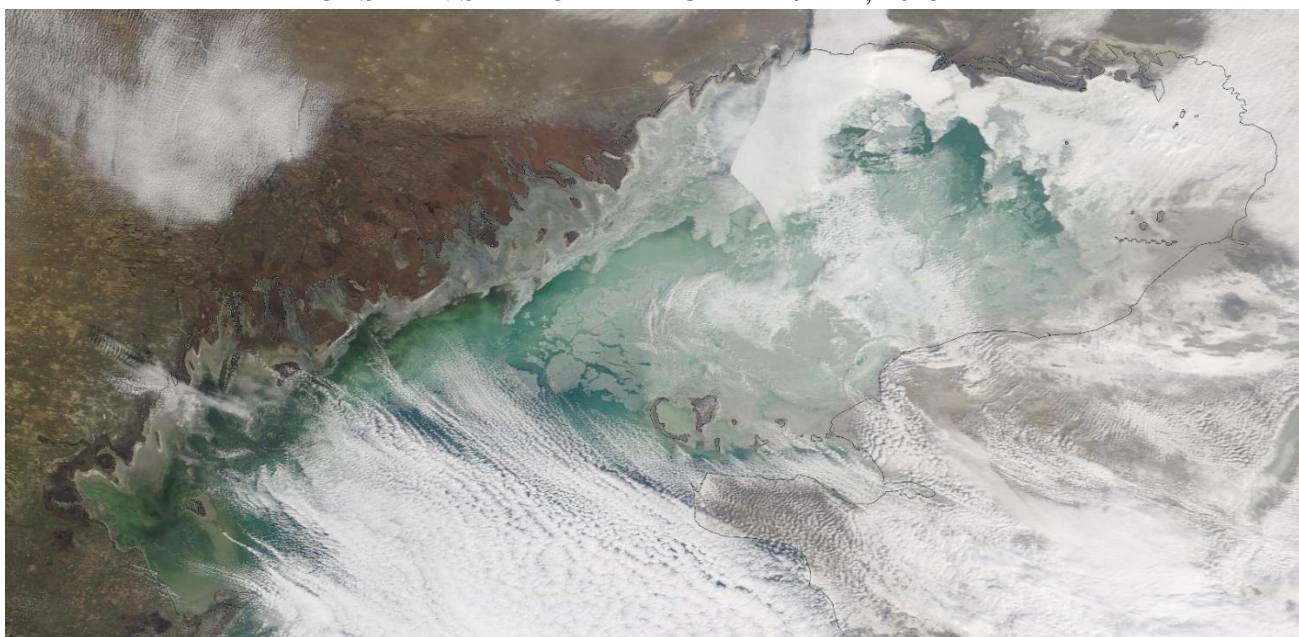


Fig.1 Space image of the Caspian Sea, February 12, 2025 (NASA/GSFC)

Table 1

Long-term Average and Extreme Ice Thickness in February

Point name	Average ice thickness in February	Maximum ice thickness in February	Minimum ice thickness in February *
Peshnoy*	31	62 (2008)	10 (2007)
Zhanbay*	31	58 (2012)	15 (2007)

* 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.

Table 2

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Forecast of ice thickness in the Caspian Sea for February 19-21, 2025

Point name / date	The actual thickness of the ice, cm	Forecast ice thickness growth, cm			Forecast ice thickness growth, cm		
	18.02.2025	19.02.2025	20.02.2025	21.02.2025	12.02.2025	13.02.2025	14.02.2025
Peshnoy	20	0	1	0	20	21	21

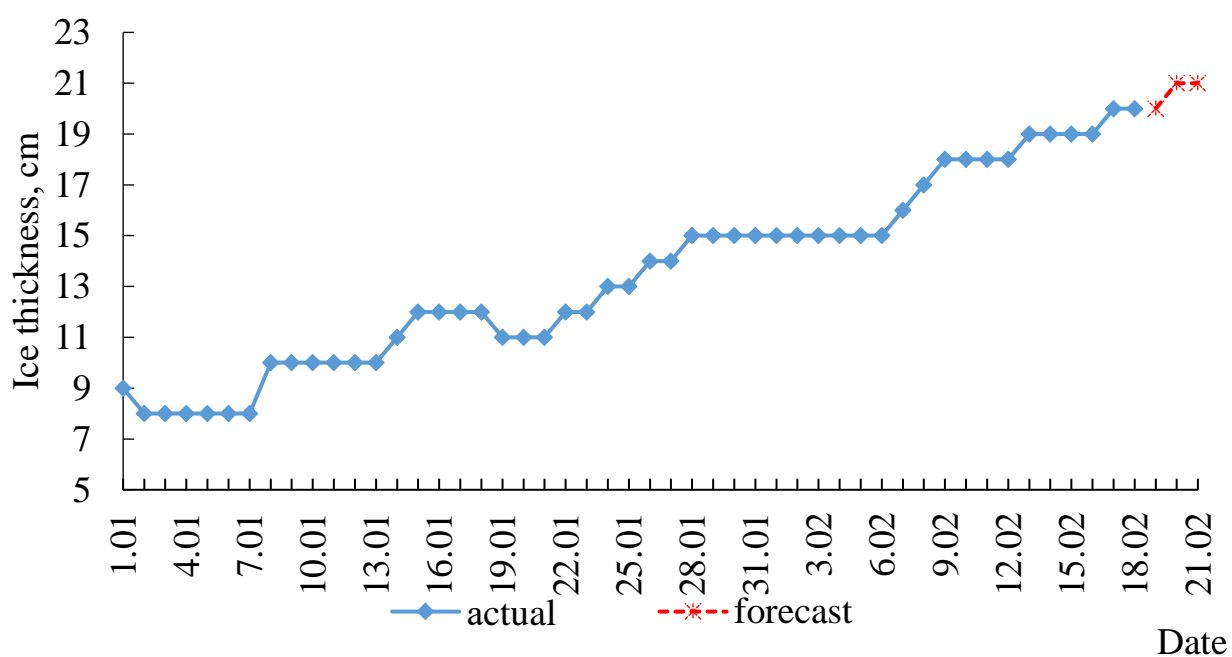


Fig. 2 Time course of ice thickness from data of Peshnoy station during the period from 1 January 2025 to 18 February 2025.

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