

Astana 2026, № 1

Monthly hydrometeorological review for January 2026 for the Kazakhstan coast of the Caspian Sea.

All current data are raw (operational) monitoring data of RSE "Kazhydromet".

In January, 11 cases of surge phenomena were observed. In Fetisovo a drop in the level of 31 cm (from minus 29.09 to minus 29.40m).

Sea level.

The maximum was recorded at the Igolkinskaya Banka - 187 cm, and the minimum at the Kuryk - minus 195 cm. The average level was minus 116 cm or minus 29.16 m BS.

Table 1. Characteristics of sea level

Station name	Mean level	Maximum level	Date of observation	Minimum level	Date of observation
Igolkinskaya banka	165	187	31.01.2026	154	01.01.2026
Zhanbay					
Peshnoy	-117	-111	06.01.2026	-127	02.01.2026
Kulaly	There were no observations				
Fort-Shevchenko	-171	-157	05.01.2026	-180	15.01.2026
Saura	-166	-125	22.01.2026	-179	19.01.2026
Kuryk	-189	-155	01.01.2026	-195	02.01.2026
Aktay	-174	-169	29.01.2026	-181	05.01.2026
Peschaniy	-152	-148	14.01.2026	-157	25.01.2026
Fetisovo	-124	-106	15.01.2026	-144	19.01.2026

Note: MHP Zhanbay data were received with gaps

Water temperature.

The average water temperature in January was about 2.4°C, with fluctuations from minus 2.8°C (Kuryk) to 12.5 C (Fetisovo).

Air temperature.

The average air temperature in January was about minus 1.6°C. The maximum air temperature reached 14.2°C in the area of Kuryk, the minimum air temperature reached minus 23.1°C in the area of the Igolkinskaya Banka sea station.

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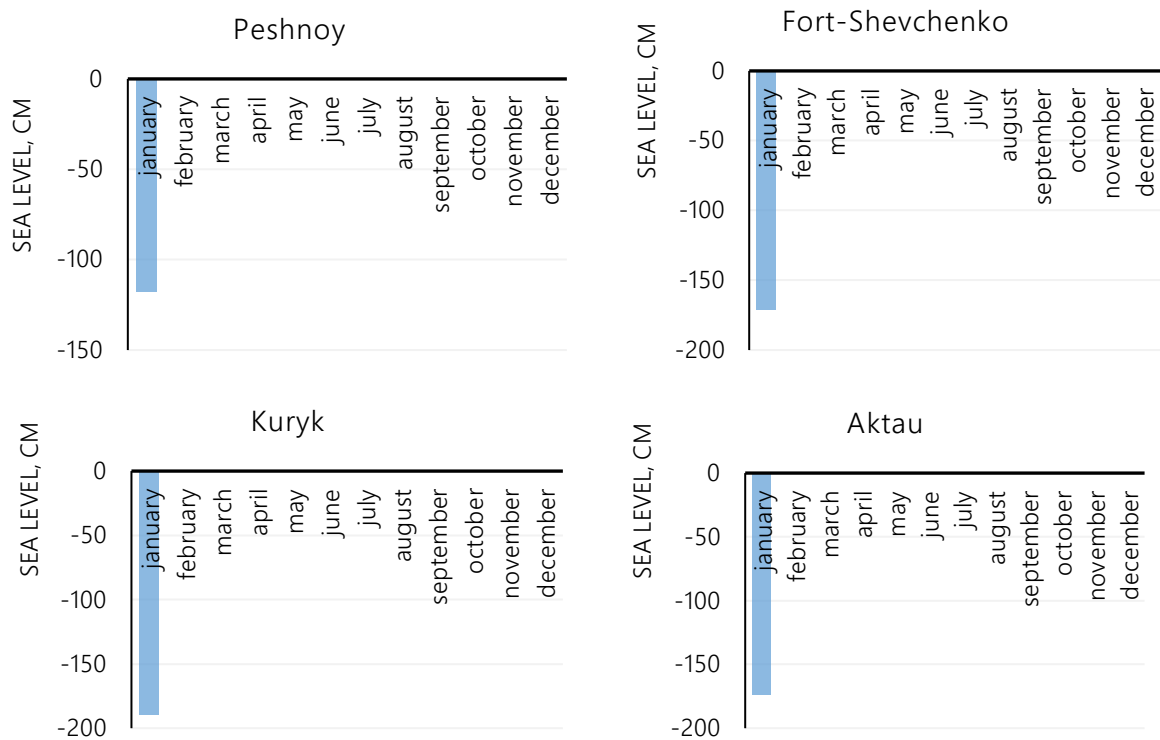


Fig.1. Average sea level, cm

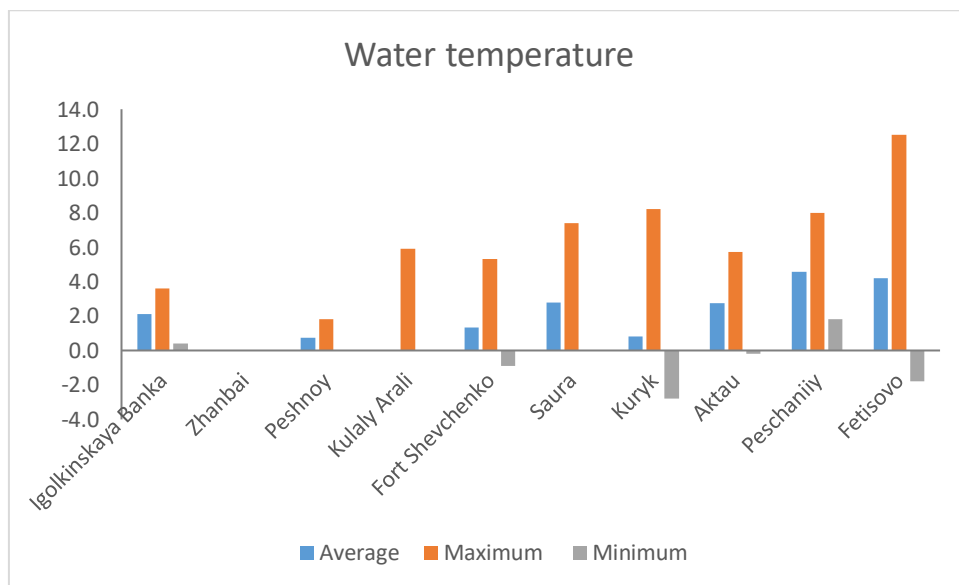


Fig.2. Water temperature, °C

Wind speed and direction.

In January in the Kazakh part of the Caspian Sea, the average wind speed was about 5.6 m/s, the maximum speed reached 16 m/s (Peshnoy).

The prevailing wind direction in January was east-northeast (21.5%), south-east (17.5%) and eastern (12.1%).