

Astana 2025, № 11

Monthly hydrometeorological review for November 2025 for the Kazakhstan coast of the Caspian Sea.

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

In November, 11 cases of surge phenomena were observed. In Fetisovo a drop in the level of 27 cm (from minus 29.16 to minus 29.43m).

Sea level.

The maximum was recorded at the Igolkinskaya Banka - 145 cm, and the minimum at the Kuryk - minus 194 cm. The average level was minus 125 cm or minus 29.25 m BS.

Table 1. Characteristics of sea level

Station name	Mean level	Maximum level	Date of observation	Minimum level	Date of observation
Igolkinskaya banka	138	145	30.11.2025	133	17.11.2025
Zhanbay					
Peshnoy	-113	-93	02.11.2025	-123	03.11.2025
Kulaly	-171	-165	05.11.2025	-177	03.11.2025
Fort-Shevchenko	-168	-156	25.11.2025	-188	19.11.2025
Saura	-166	-147	01.11.2025	-176	03.11.2025
Kuryk	-190	-160	22.11.2025	-194	15.11.2025
Aktay	-170	-161	01.11.2025	-177	27.11.2025
Peschaniy	-154	-150	01.11.2025	-158	29.11.2025
Fetisovo	-136	-112	02.11.2025	-148	23.11.2025

Note: MHP Zhanbay data were received with gaps

Water temperature.

The average water temperature in November was about 9.7°C, with fluctuations from minus 1.5°C (Peschaniy) to 21.1 C (Fetisovo).

Air temperature.

The average air temperature in November was about 8.8°C. The maximum air temperature reached 25.2°C in the area of Saura, the minimum air temperature reached minus 7.4°C in the area of the Peshnoy sea station.

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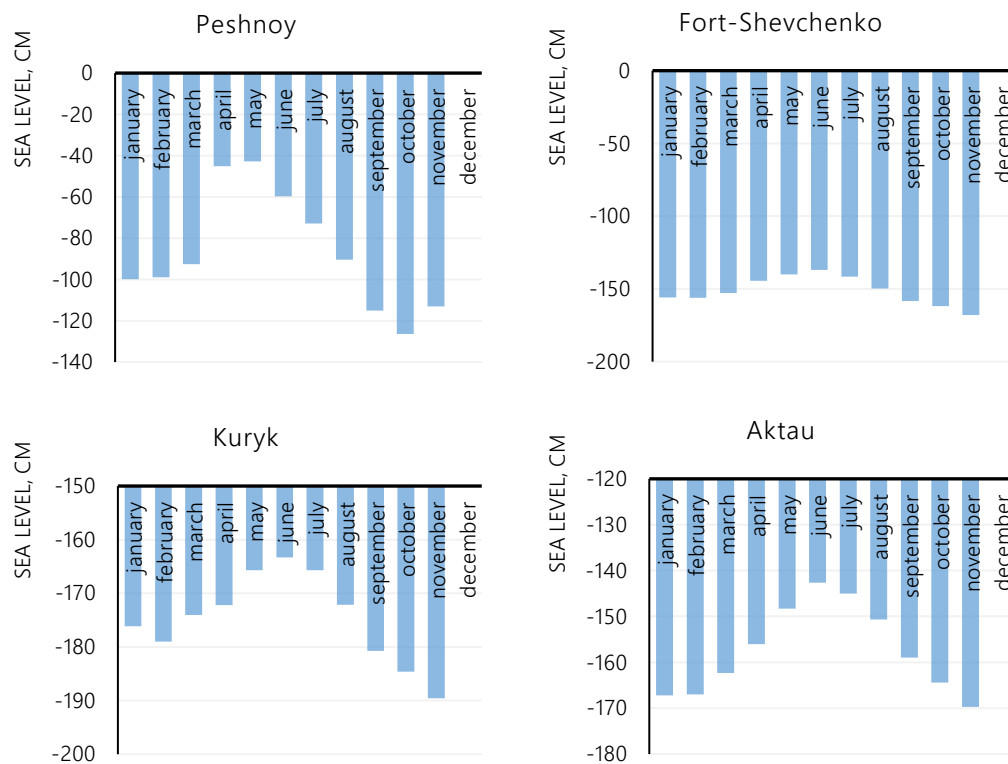


Fig.1. Average sea level, cm

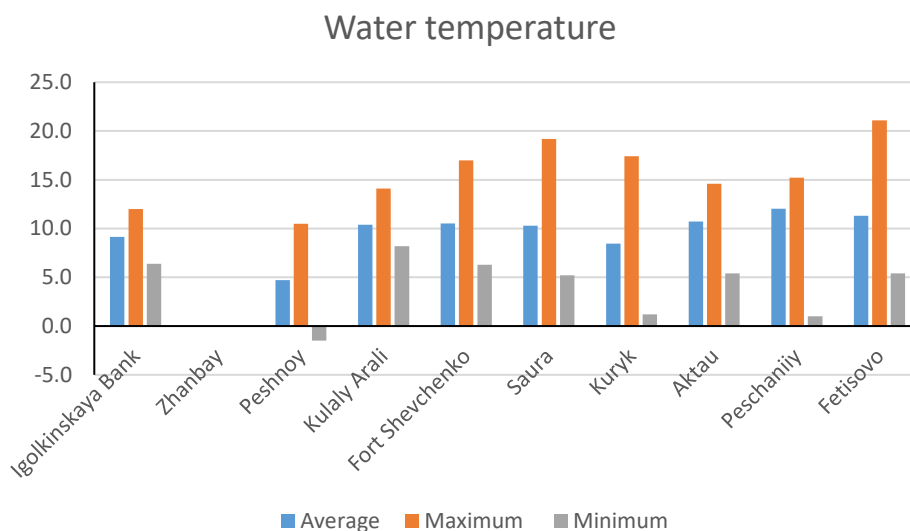


Fig.2. Water temperature, °C

Wind speed and direction.

In November in the Kazakh part of the Caspian Sea, the average wind speed was about 3.7 m/s, the maximum speed reached 12 m/s (Kulaly island).

The prevailing wind direction in November was south-east (19.2%), eastern (18.9%) and northeast (11.4%).