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

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

In October, 8 cases of surge phenomena were observed. At Zhanbay, the water level rises by 35 cm (from minus 28.89 m BS to minus 28.54 m BS).

Sea level.

The maximum was recorded at the Igolkinskaya Banka – 165 cm, and the minimum at the Kuryk - minus 188 cm. The average level was minus 111 cm or minus 29.11 m BS.

Table 1. Characteristics of sea level

Station name	Mean level	Maximum level	Date of observation	Minimum level	Date of observation
Igolkinskaya banka	161	165	18.10.2026	156	01.10.2026
Zhanbay	-82	-53	15.10.2026	-99	03.10.2026
Peshnoy	-116	-94	10.10.2026	-134	27.10.2026
Kulaly	-144	-138	13.10.2026	-147	03.10.2026
Fort-Shevchenko	-151	-137	17.10.2026	-169	05.10.2026
Saura	-148	-137	13.10.2026	-155	05.10.2026
Kuryk	-176	-164	01.10.2026	-185	03.10.2026
Aktay	-167	-160	02.10.2026	-174	23.10.2026
Peschaniiy	-157	-154	04.10.2026	-159	01.10.2026
Fetisovo	-134	-119	12.10.2026	-148	30.10.2026

Water temperature.

The average water temperature in October was about 14.3°C, with fluctuations from 2.4°C (Peshnoy) to 23.8°C (Kuryk).

Air temperature.

The average air temperature in October was about 15.3°C. The maximum air temperature reached 28.9°C in the area of Aktau, the minimum air temperature reached -1°C in the area of the Peshnoy sea station.

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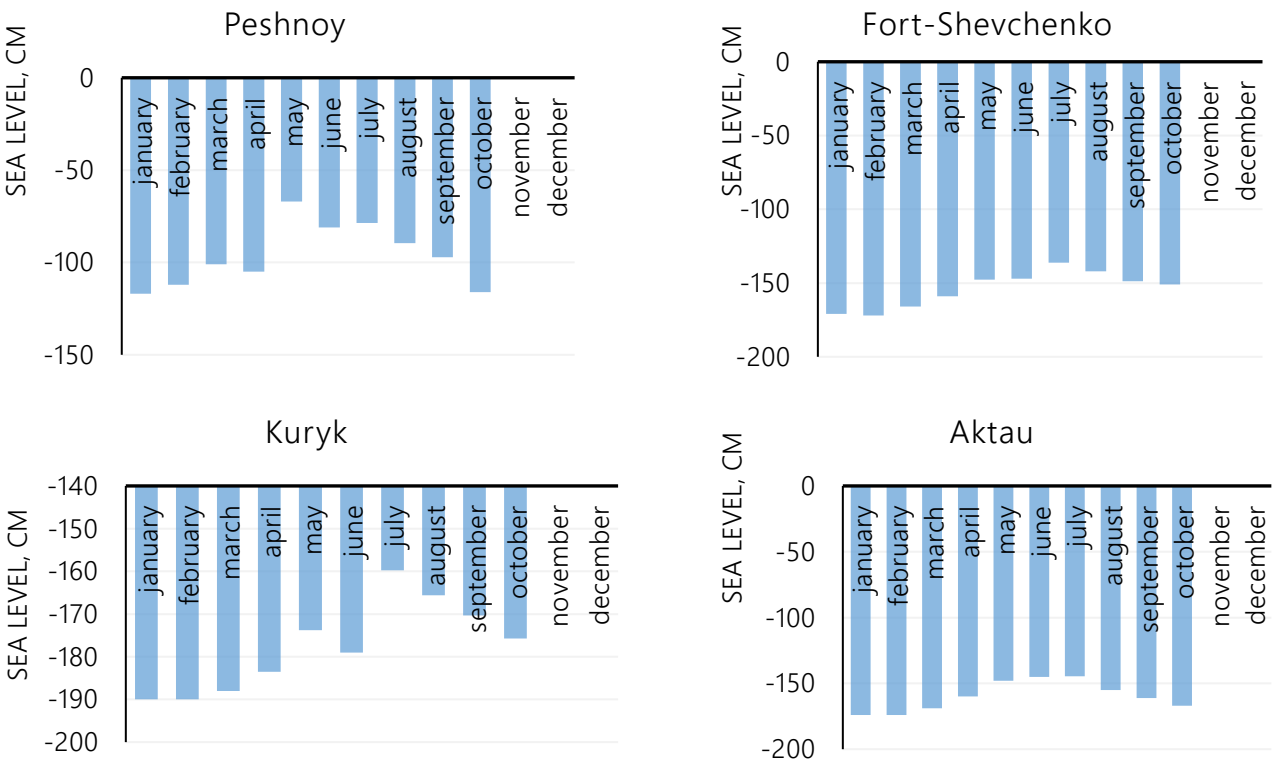


Fig.1. Average sea level, cm

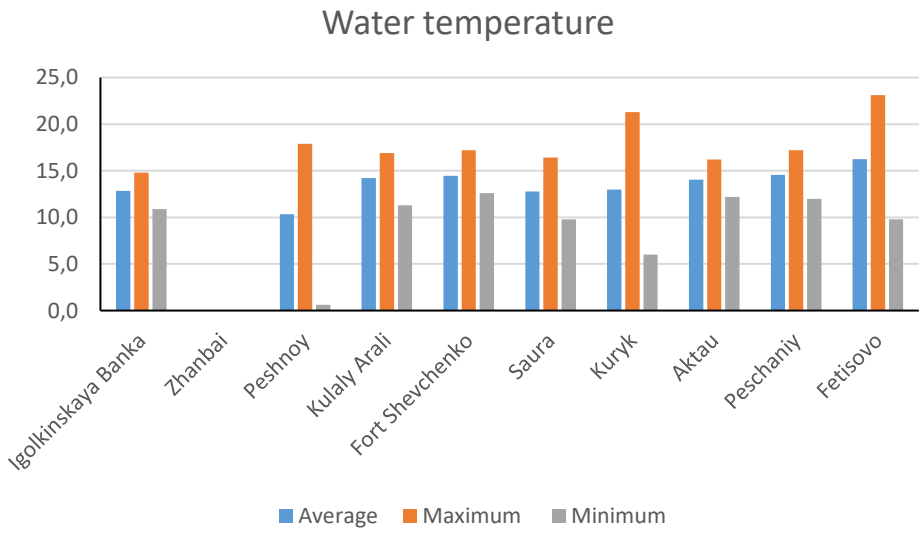


Fig.2. Water temperature, °C

Wind speed and direction.

In October in the Kazakh part of the Caspian Sea, the average wind speed was about 5.1 m/s, the maximum speed reached 16 m/s (Peshnoy).

The prevailing wind direction in October was east (37.0%), souhteast (14.9%) and northeast (8.3%).