

Astana 2026, № 3

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

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

In March, 12 cases of surge phenomena were observed. In Fort-Shevchenko a drop in the level of 22 cm (from minus 29.13 to minus 29.35 m).

Sea level.

The maximum was recorded at the Igolinskaya Banka – 196 cm, and the minimum at the Kuryk - minus 195 cm. The average level was minus 117 cm or minus 29.17 m BS.

Table 1. Characteristics of sea level

Station name	Mean level	Maximum level	Date of observation	Minimum level	Date of observation
Igolinskaya banka	182	196	01.03.2026	164	30.03.2026
Zhanbay					
Peshnoy	-101	-93	07.03.2026	-111	22.03.2025
Kulaly	-166	-159	11.03.2026	-169	02.03.2026
Fort-Shevchenko	-166	-152	29.03.2026	-180	04.03.2026
Saura	-163	-152	11.03.2026	-177	10.03.2026
Kuryk	-188	-164	29.03.2026	-195	01.03.2026
Aktay	-169	-158	29.03.2026	-179	10.03.2026
Peschaniy	-156	-152	09.03.2026	-159	26.03.2026
Fetisovo	-129	-107	07.03.2026	-146	01.03.2026

Note: MHP Zhanbay, MG Kulaly, island data were received with gaps

Water temperature.

The average water temperature in March was about 6.9°C, with fluctuations from minus 1.0°C (Kuryk) to 20.1 °C (Fetisovo).

Air temperature.

The average air temperature in March was about 7.4°C. The maximum air temperature reached 24.2°C in the area of Peshnoy, the minimum air temperature reached minus 17.9°C in the area of the Peshnoy sea station.

02.04.2026

Caspian Sea
Hydrometeorological
Research Department
Research Center

7 (7172) 79 83 12
ugmikm@meteo.kz

Astana
Mangilik El 11/1
7 (7172) 79-83-32
info@meteo.kz
www.kazhydromet.kz

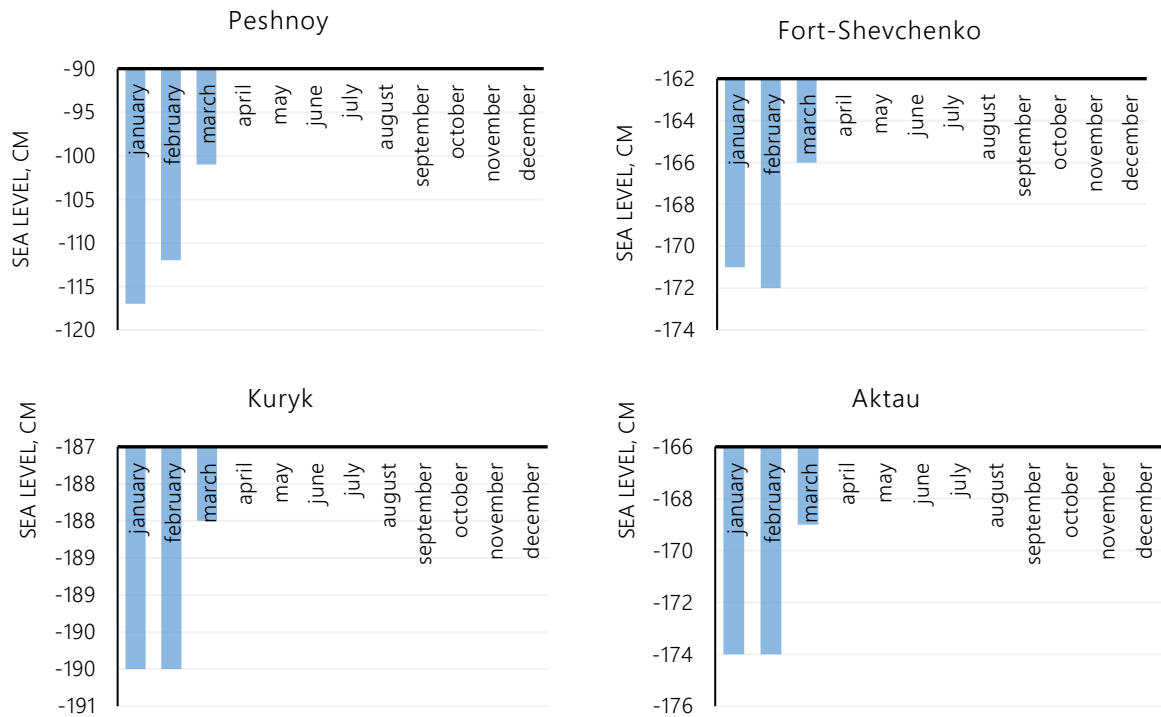


Fig.1. Average sea level, cm

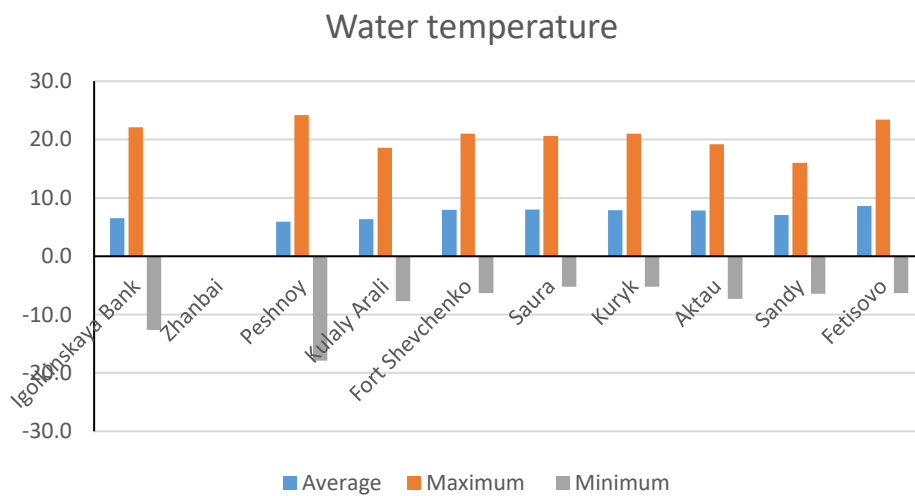


Fig.2. Water temperature, °C

Wind speed and direction.

In March in the Kazakh part of the Caspian Sea, the average wind speed was about 4.6 m/s, the maximum speed reached 16 m/s (Peshnoy).

The prevailing wind direction in March was east (18.0%), south-east (16.2%) and northeast (7.7%).