

Astana 2026, № 8

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

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

In August, 4 cases of surge phenomena were observed. At Aktau, the water level dropped by 17 cm t (from minus 29.51 m BS to minus 29.68 m BS).

Sea level.

The maximum was recorded at the Igolinskaya Banka – 204 cm, and the minimum at the Kuryk - minus 176 cm. The average level was minus 103 cm or minus 29.03 m BS.

Table 1. Characteristics of sea level

Station name	Mean level	Maximum level	Date of observation	Minimum level	Date of observation
Igolinskaya banka	193	204	10.08.2026	172	31.08.2026
Zhanbay					
Peshnoy	-90	95	14.08.2026	-106	31.08.2026
Kulaly	-143	-137	09.08.2026	-148	29.08.2026
Fort-Shevchenko	-142	-134	09.08.2026	-152	16.08.2026
Saura	-142	-136	10.08.2026	-151	31.08.2026
Kuryk	-166	-157	12.08.2026	-176	14.08.2026
Aktay	-155	-143	12.08.2026	-168	21.08.2026
Peschaniy	-157	-156	01.08.2026	-159	01.08.2026
Fetisovo	-122	-114	11.08.2026	-133	02.08.2026

Note: MHP Zhanbay data were received with gaps

Water temperature.

The average water temperature in August was about 22.0°C, with fluctuations from -9.8°C (Peshnoy) to 31.4°C (Fetisovo).

Air temperature.

The average air temperature in August was about 26.6°C. The maximum air temperature reached 38.6°C in the area of Peshnoy, the minimum air temperature reached -9.8°C in the area of the Peshnoy sea station.

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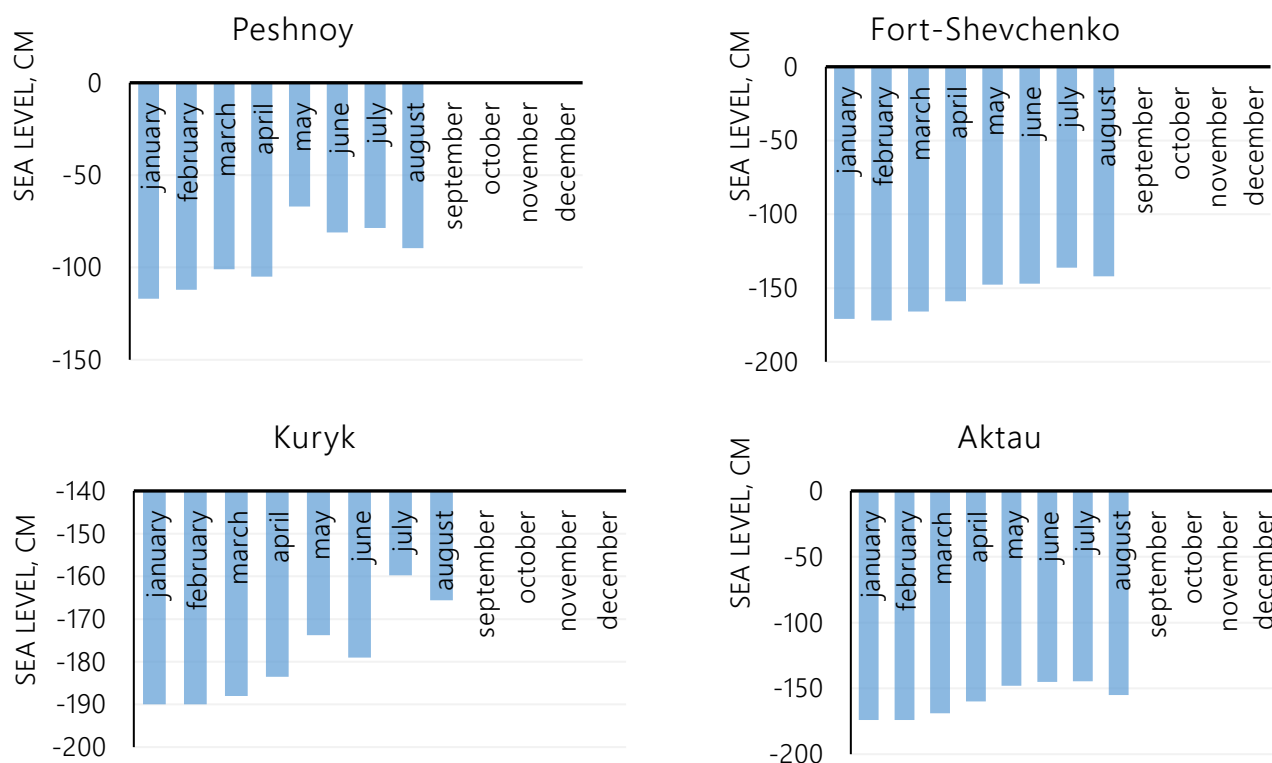
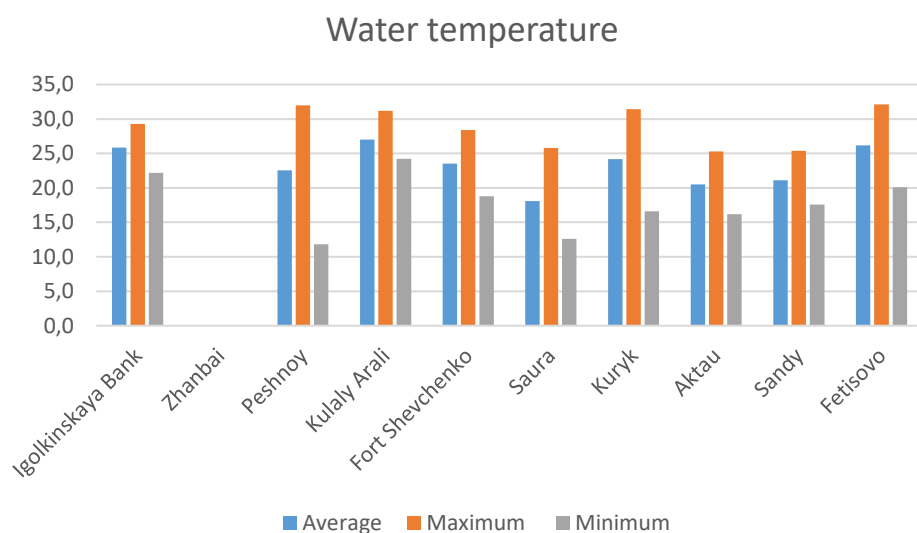


Fig.1. Average sea level, cm



Note: MHP Zhanbay data were received with gaps

Fig.2. Water temperature, °C

Wind speed and direction.

In August in the Kazakh part of the Caspian Sea, the average wind speed was about 3.8 m/s, the maximum speed reached 16 m/s (Peshnoy).

The prevailing wind direction in August was northeast (19.6%), north (15.1%) and northwest (14.4%).