

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

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

In May, 13 cases of surge phenomena were observed. In Peshnoy a drop in the level of 50 cm (from minus 28.68 m BS to minus 28.18 m BS).

Sea level.

The maximum was recorded at the Igolkinskaya Banka – 274 cm, and the minimum at the Kuryk - minus 190 cm. The average level was minus 96 cm or minus 28.96 m BS.

Table 1. Characteristics of sea level

| Station name | Mean level | Maximum level | Date of observation | Minimum level | Date of observation |
|--------------------|------------|---------------|---------------------|---------------|---------------------|
| Igolkinskaya banka | 258 | 274 | 01.05.2026 | 234 | 01.05.2026 |
| Zhanbay | | | | | |
| Peshnoy | -67 | -18 | 28.05.2025 | -83 | 29.05.2025 |
| Kulaly | -155 | -143 | 28.05.2025 | -168 | 04.05.2025 |
| Fort-Shevchenko | -148 | -134 | 26.05.2025 | -162 | 07.05.2025 |
| Saura | -144 | -132 | 28.05.2025 | -157 | 01.05.2025 |
| Kuryk | -174 | -151 | 27.05.2025 | -190 | 23.05.2025 |
| Aktay | -148 | -132 | 27.05.2025 | -165 | 03.05.2025 |
| Peschaniy | -157 | -154 | 03.05.2025 | -159 | 10.05.2025 |
| Fetisovo | -126 | -110 | 27.05.2025 | -142 | 13.05.2025 |

Note: MHP Zhanbay data were received with gaps

Water temperature.

The average water temperature in May was about 17.7°C, with fluctuations from minus 8.0°C (Peshnoy) to 28.0°C (Kuryk).

Air temperature.

The average air temperature in May was about 18.3°C. The maximum air temperature reached 33.7°C in the area of Peshnoy, the minimum air temperature reached minus 5.6°C in the area of the Igolkinskaya banka sea station.

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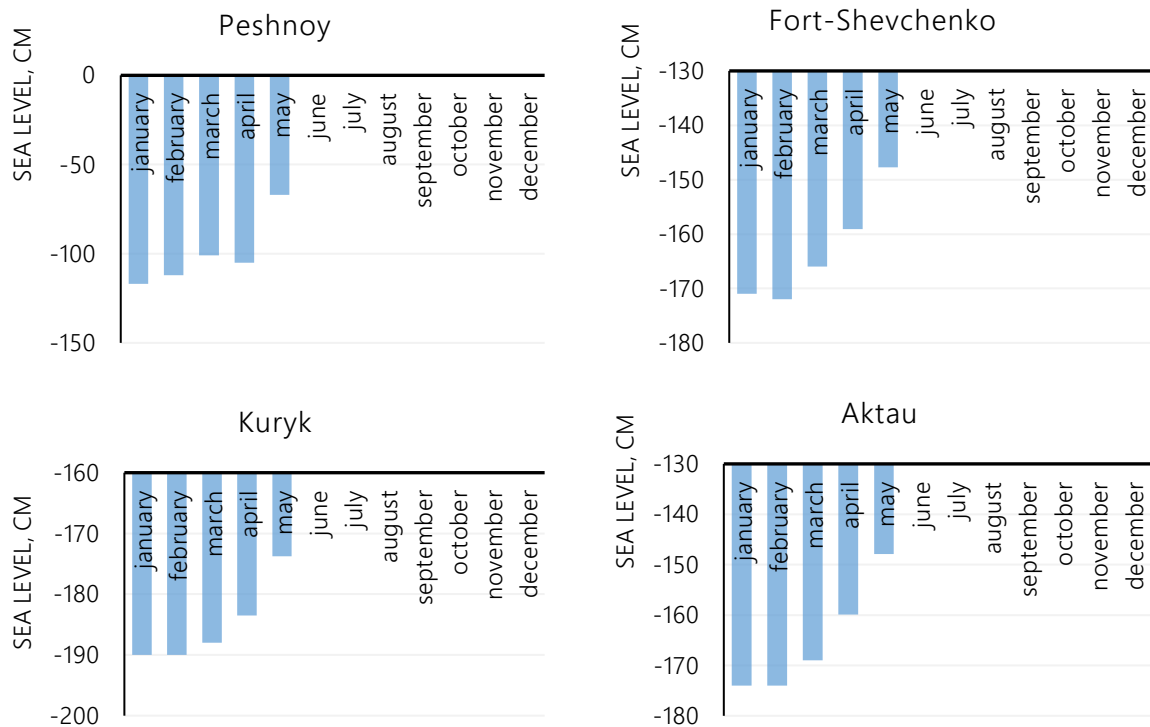


Fig.1. Average sea level, cm

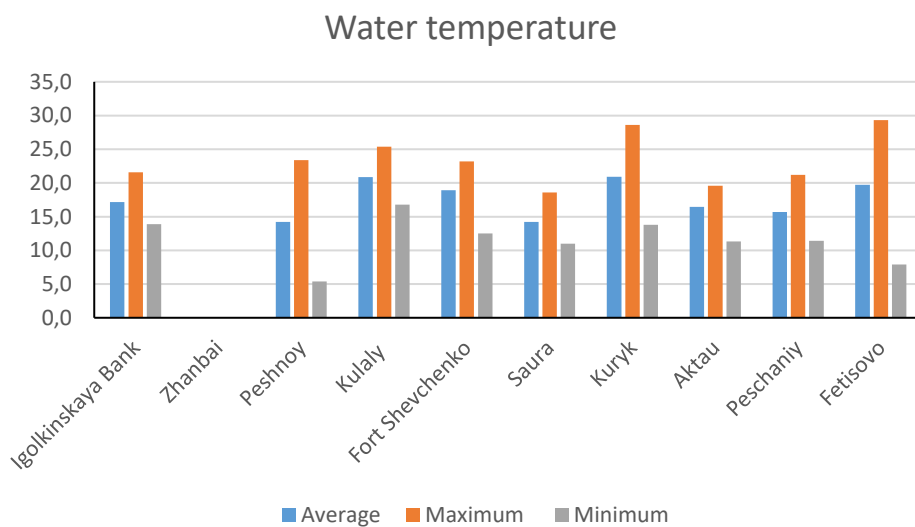


Fig.2. Water temperature, °C

Wind speed and direction.

In May in the Kazakh part of the Caspian Sea, the average wind speed was about 4.7 m/s, the maximum speed reached 18 m/s (Peshnoy).

The prevailing wind direction in May was west (17.6%), southwest (14.1%) and southeast (11.1%).