

## 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 April, 9 cases of surge phenomena were observed. In Peshnoy a drop in the level of 36 cm (from minus 29.08 to minus 28.72 m).

### Sea level.

The maximum was recorded at the Igolkinskaya Banka – 234 cm, and the minimum at the Kuryk - minus 194 cm. The average level was minus 114 cm or minus 29.14 m BS.

Table 1. Characteristics of sea level

| Station name       | Mean level | Maximum level | Date of observation | Minimum level | Date of observation |
|--------------------|------------|---------------|---------------------|---------------|---------------------|
| Igolkinskaya banka | 184        | 234           | 01.04.2025          | 163           | 03.04.2025          |
| Zhanbay            |            |               |                     |               |                     |
| Peshnoy            | -105       | -72           | 26.04.2025          | -116          | 23.01.2025          |
| Kulaly             | -166       | -163          | 01.04.2025          | -174          | 11.04.2025          |
| Fort-Shevchenko    | -159       | -150          | 01.04.2025          | -170          | 08.04.2025          |
| Saura              | -156       | -140          | 19.04.2025          | -167          | 09.04.2025          |
| Kuryk              | -183       | -164          | 23.04.2025          | -194          | 03.04.2025          |
| Aktay              | -160       | -151          | 24.04.2025          | -181          | 16.04.2025          |
| Peschaniy          | -156       | -153          | 15.04.2025          | -159          | 03.04.2025          |
| Fetisovo           | -125       | -105          | 15.04.2025          | -140          | 05.04.2025          |

Note: MHP Zhanbay data were received with gaps

### Water temperature.

The average water temperature in April was about 12.1°C, with fluctuations from minus 2.8°C (Peshnoy) to 21.2 °C (Kuryk).

### Air temperature.

The average air temperature in April was about 12.4°C. The maximum air temperature reached 26.0°C in the area of Kuryk, the minimum air temperature reached minus 3.2°C in the area of the Peshnoy sea station.

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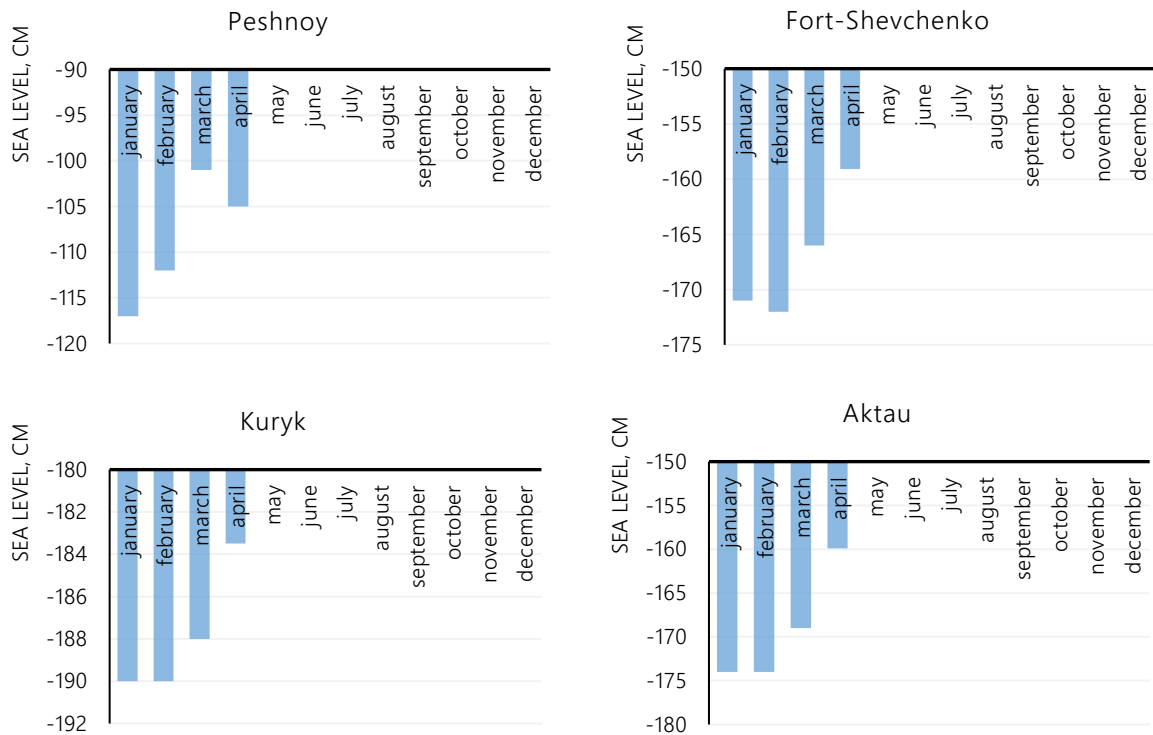


Fig.1. Average sea level, cm

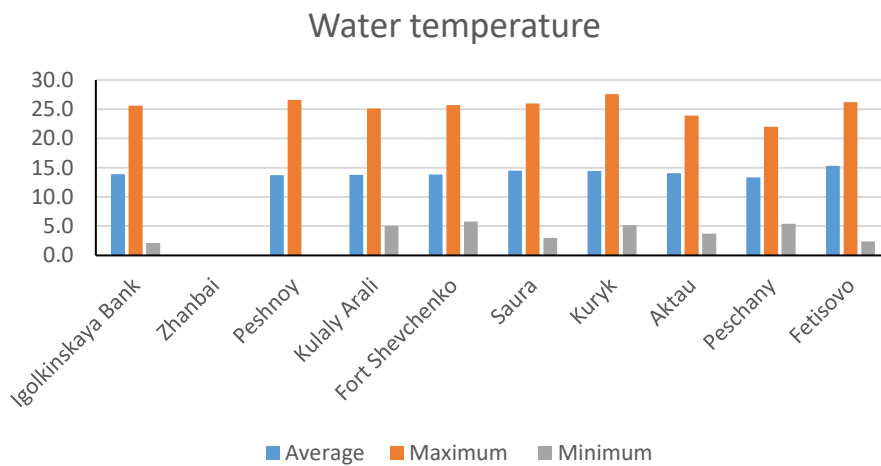


Fig.2. Water temperature, °C

### Wind speed and direction.

In April in the Kazakh part of the Caspian Sea, the average wind speed was about 5.0 m/s, the maximum speed reached 18 m/s (Peshnoy).

The prevailing wind direction in April was north (15.5%), north-west (14.7%) and southeast (11.4%).