

Astana 2026, № 7

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

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

In July, 14 cases of surge phenomena were observed. At M Peshnoy, the water level dropped by 24 cm twice (from minus 28.67 m BS to minus 28.91 m BS and from minus 28.55 m BS to minus 28.79 m BS).

Sea level.

The maximum was recorded at the Igolkinskaya Banka – 211 cm, and the minimum at the Kuryk - minus 172 cm. The average level was minus 98 cm or minus 28.98 m BS.

Table 1. Characteristics of sea level

Station name	Mean level	Maximum level	Date of observation	Minimum level	Date of observation
Igolkinskaya banka	193	211	01.07.2026	182	13.07.2026
Zhanbay					
Peshnoy	-79	-55	17.07.2026	-99	30.07.2025
Kulaly	-143	-137	26.07.2026	-149	07.07.2026
Fort-Shevchenko	-136	-122	26.07.2026	-148	16.07.2026
Saura	-136	-130	01.07.2026	-146	19.07.2026
Kuryk	-160	-148	15.07.2026	-172	16.07.2026
Aktay	-145	-133	08.07.2026	-162	28.07.2026
Peschaniy	-157	-115	23.07.2026	-159	03.07.2026
Fetisovo	-123	-111	11.07.2026	-157	22.07.2026

Note: MHP Zhanbay data were received with gaps

Water temperature.

The average water temperature in July was about 23.1°C, with fluctuations from minus 11.2°C (Saura) to 37.4°C (Kuryk).

Air temperature.

The average air temperature in July was about 26.7°C. The maximum air temperature reached 40.2°C in the area of Kuryk, the minimum air temperature reached minus 14.9°C in the area of the Peshnoy sea station.

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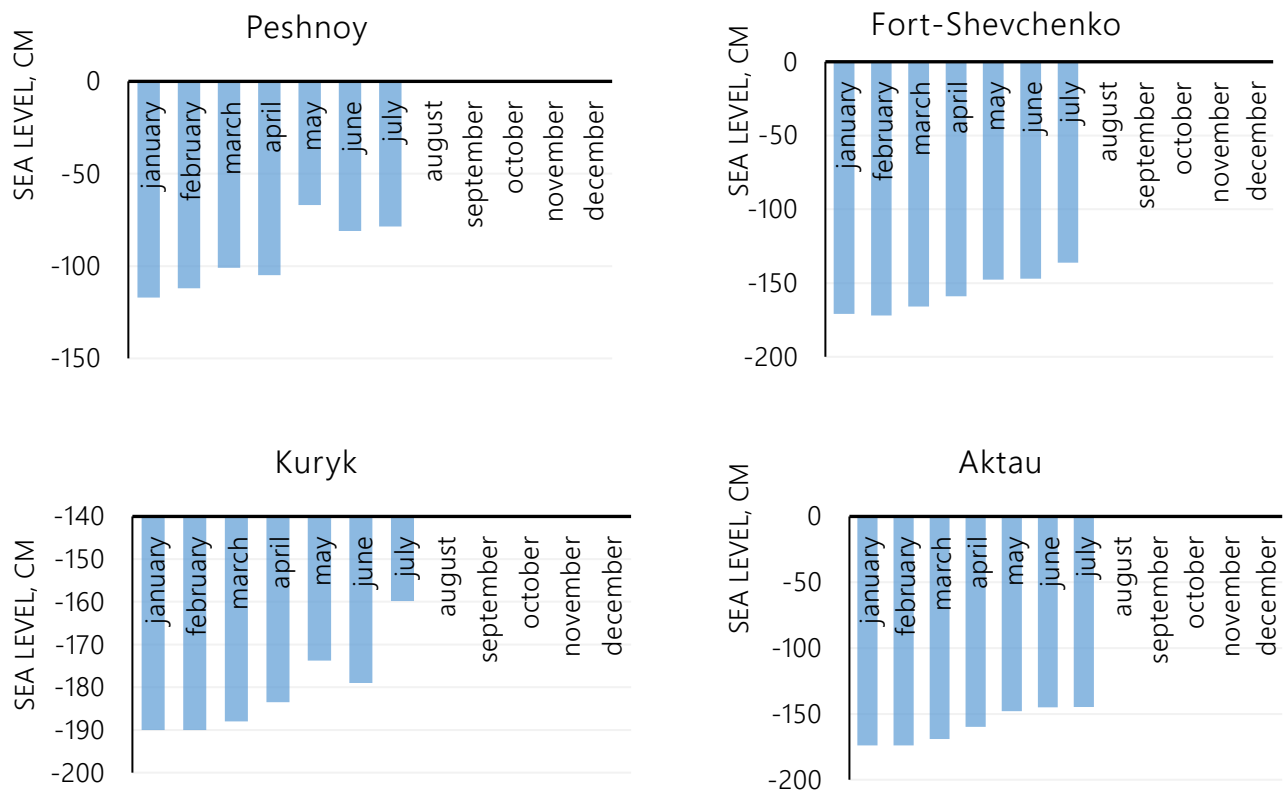


Fig.1. Average sea level, cm

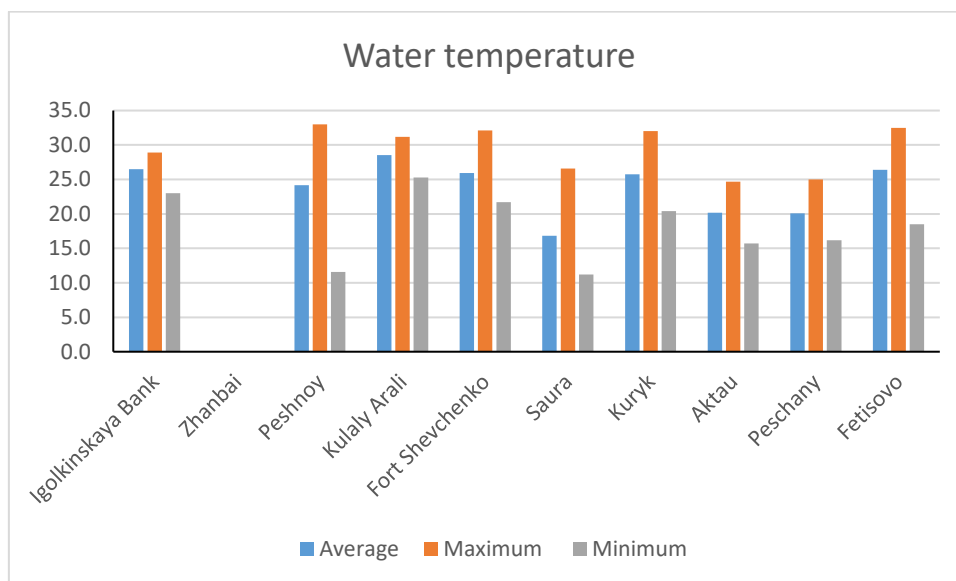


Fig.2. Water temperature, °C

Wind speed and direction.

In July in the Kazakh part of the Caspian Sea, the average wind speed was about 4.0 m/s, the maximum speed reached 16 m/s (Peshnoy).

The prevailing wind direction in July was west (19.1%), northwest (16.5%) and north (14.1%).