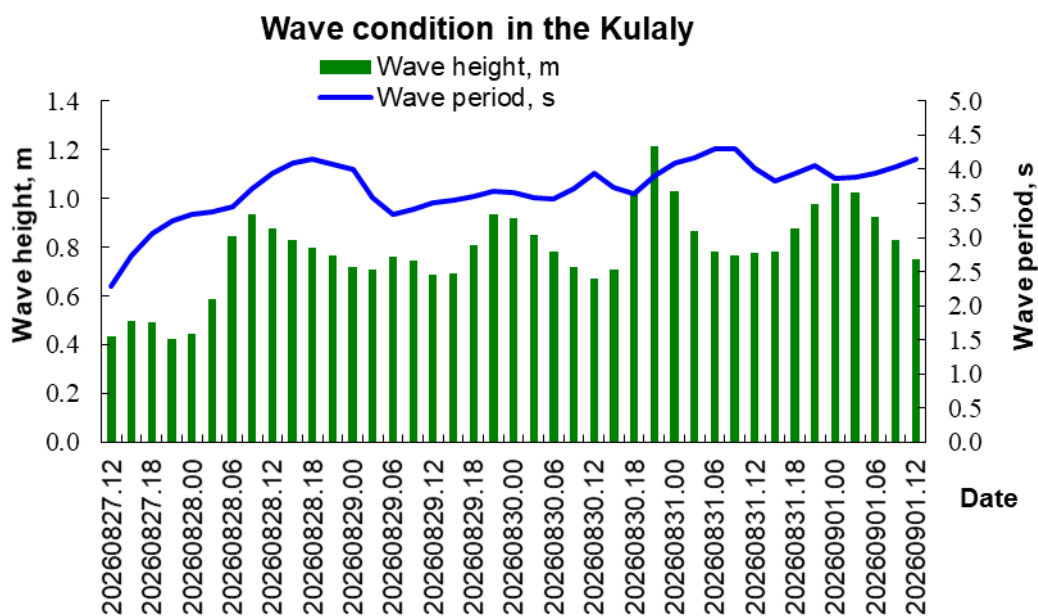
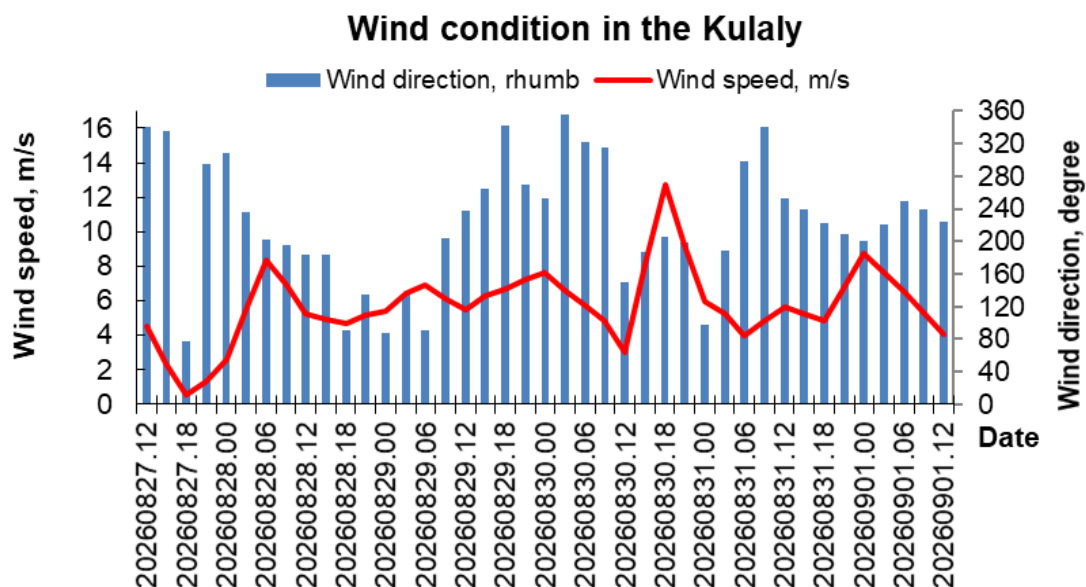




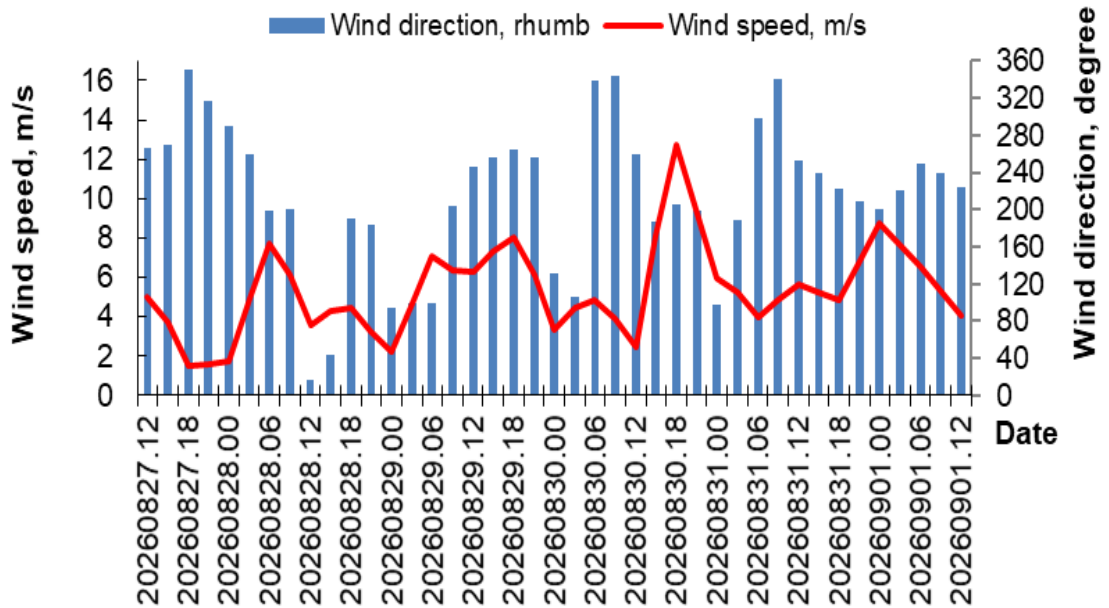
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance
using SWAN spectral model for the period August 27 – September 01, 2026 .**

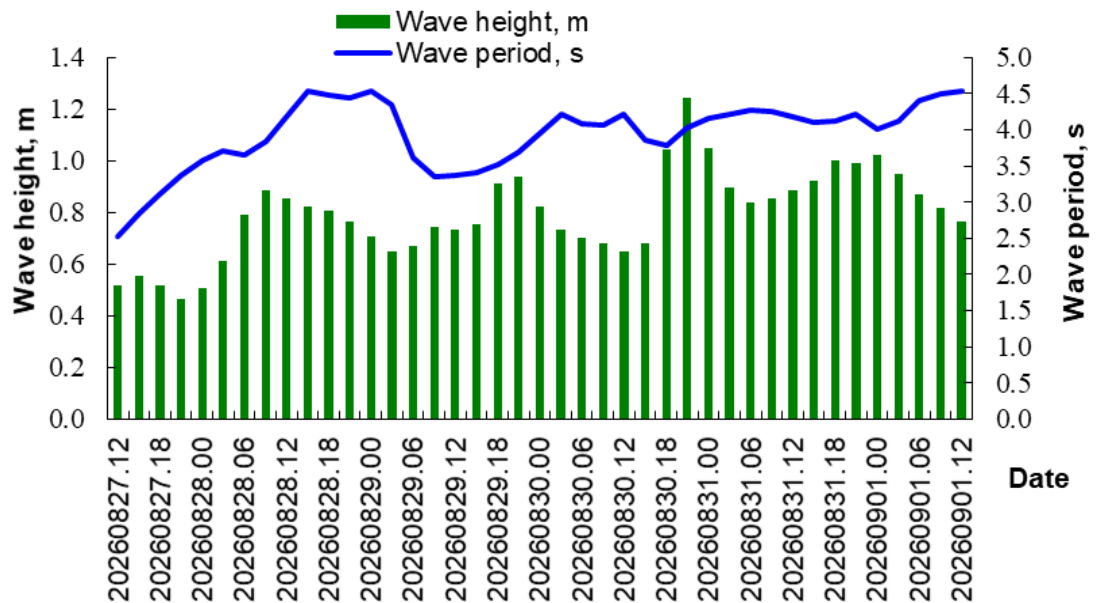


Date time	Kulaly				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260827.12	0.43	S	2.3	5	N
20260827.15	0.50	S	2.7	2	NW
20260827.18	0.49	S	3.1	1	E
20260827.21	0.42	S	3.2	1	NW
20260828.00	0.45	S	3.3	3	NW
20260828.03	0.59	S	3.4	6	SW
20260828.06	0.85	SW	3.5	8	S
20260828.09	0.94	SW	3.7	7	S
20260828.12	0.88	SW	3.9	5	S
20260828.15	0.83	SW	4.1	5	S
20260828.18	0.80	SW	4.2	5	E
20260828.21	0.76	S	4.1	5	SE
20260829.00	0.72	SW	4.0	5	E
20260829.03	0.71	SW	3.6	6	SE
20260829.06	0.76	SW	3.3	7	E
20260829.09	0.74	SW	3.4	6	SW
20260829.12	0.69	SW	3.5	6	SW
20260829.15	0.69	SW	3.5	6	W
20260829.18	0.81	SW	3.6	7	N
20260829.21	0.93	SW	3.7	7	W
20260830.00	0.92	SW	3.7	8	W
20260830.03	0.85	SW	3.6	7	N
20260830.06	0.78	S	3.6	6	NW
20260830.09	0.72	S	3.7	5	NW
20260830.12	0.67	SW	3.9	3	SE
20260830.15	0.71	SW	3.7	8	S
20260830.18	1.02	SW	3.6	13	SW
20260830.21	1.22	SW	3.9	9	S
20260831.00	1.03	SW	4.1	6	E
20260831.03	0.87	SW	4.2	5	S
20260831.06	0.78	SW	4.3	4	NW
20260831.09	0.77	SW	4.3	5	N
20260831.12	0.78	SW	4.0	6	W
20260831.15	0.78	SW	3.8	5	SW
20260831.18	0.88	SW	3.9	5	SW
20260831.21	0.98	W	4.1	7	SW
20260901.00	1.06	SW	3.9	9	S
20260901.03	1.03	SW	3.9	8	SW
20260901.06	0.92	SW	3.9	7	W
20260901.09	0.83	SW	4.0	5	SW
20260901.12	0.75	SW	4.1	4	SW

Wind condition in the Fort-Shevchenko

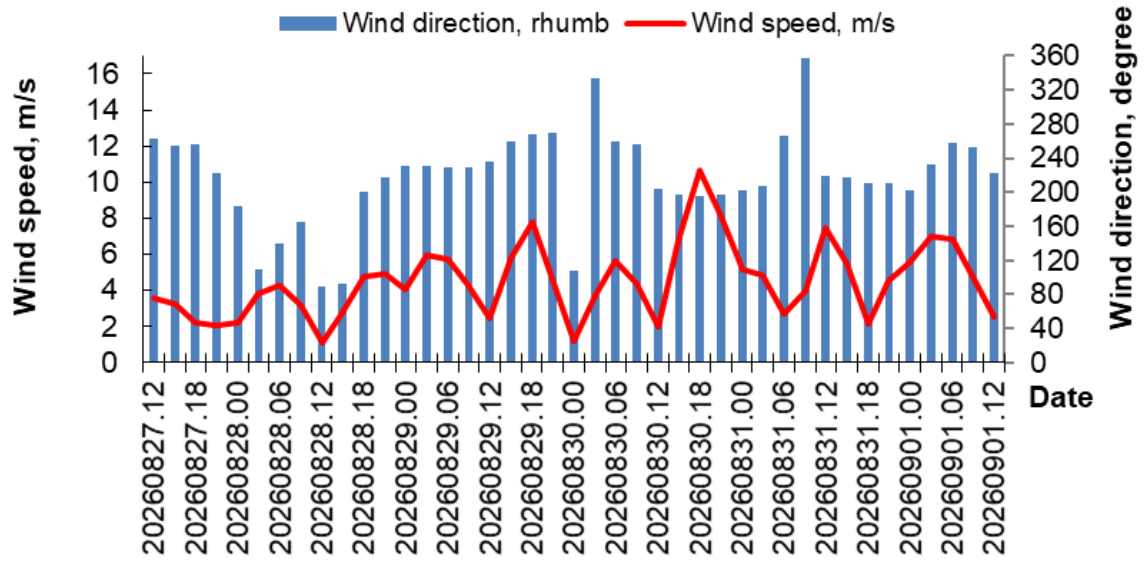


Wave condition in the Fort-Shevchenko

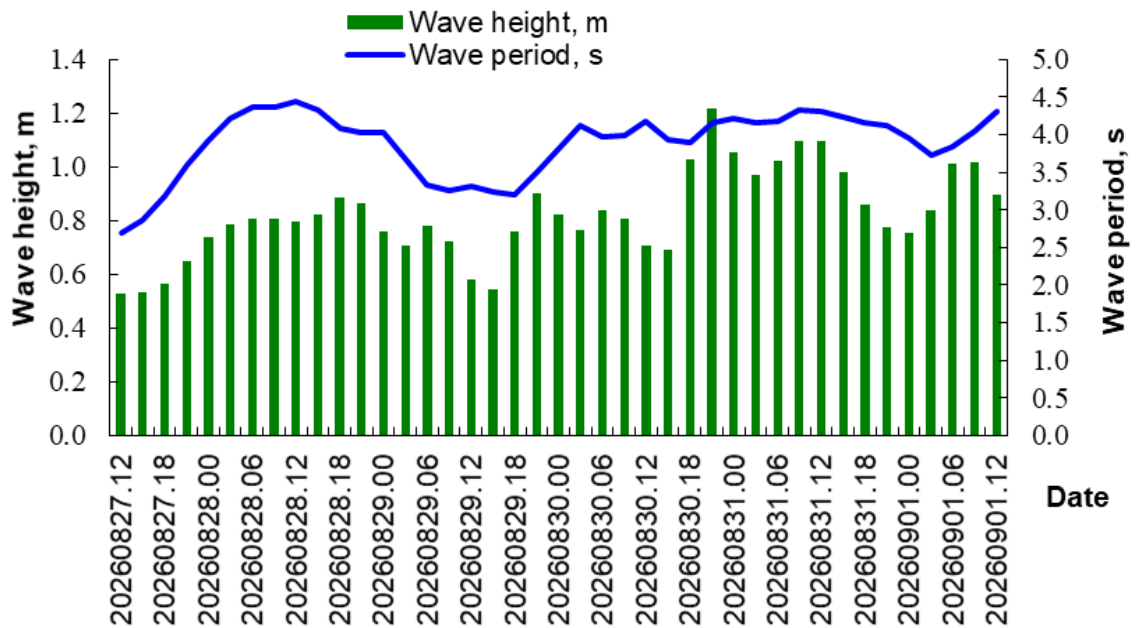


Date time	Fort-Shevchenko				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260827.12	0.51	S	2.5	5	W
20260827.15	0.56	S	2.8	4	W
20260827.18	0.52	S	3.1	2	N
20260827.21	0.47	S	3.4	2	NW
20260828.00	0.51	S	3.6	2	W
20260828.03	0.61	S	3.7	5	W
20260828.06	0.79	S	3.6	8	S
20260828.09	0.88	SW	3.8	6	S
20260828.12	0.86	SW	4.2	4	N
20260828.15	0.82	S	4.5	4	NE
20260828.18	0.81	S	4.5	4	S
20260828.21	0.77	S	4.4	3	S
20260829.00	0.71	S	4.5	2	E
20260829.03	0.65	SW	4.3	5	E
20260829.06	0.67	SW	3.6	7	E
20260829.09	0.74	SW	3.3	6	SW
20260829.12	0.73	SW	3.4	6	SW
20260829.15	0.75	SW	3.4	7	W
20260829.18	0.91	SW	3.5	8	W
20260829.21	0.94	SW	3.7	6	W
20260830.00	0.82	SW	4.0	3	SE
20260830.03	0.73	SW	4.2	4	E
20260830.06	0.70	SW	4.1	5	N
20260830.09	0.68	SW	4.1	4	N
20260830.12	0.65	SW	4.2	2	W
20260830.15	0.68	SW	3.9	8	S
20260830.18	1.04	SW	3.8	13	SW
20260830.21	1.24	SW	4.0	9	S
20260831.00	1.05	SW	4.2	6	E
20260831.03	0.90	SW	4.2	5	S
20260831.06	0.84	SW	4.3	4	NW
20260831.09	0.85	SW	4.3	5	N
20260831.12	0.88	SW	4.2	6	W
20260831.15	0.92	SW	4.1	5	SW
20260831.18	1.00	SW	4.1	5	SW
20260831.21	0.99	SW	4.2	7	SW
20260901.00	1.02	SW	4.0	9	S
20260901.03	0.95	SW	4.1	8	SW
20260901.06	0.87	SW	4.4	7	W
20260901.09	0.82	SW	4.5	5	SW
20260901.12	0.77	SW	4.5	4	SW

Wind condition in the Aktau

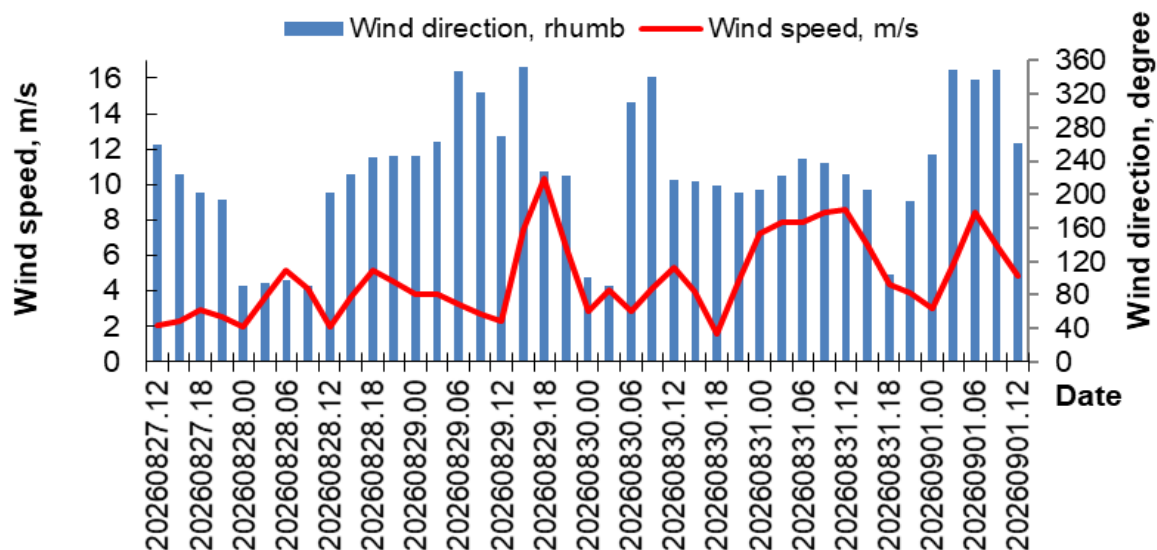


Wave condition in the Aktau

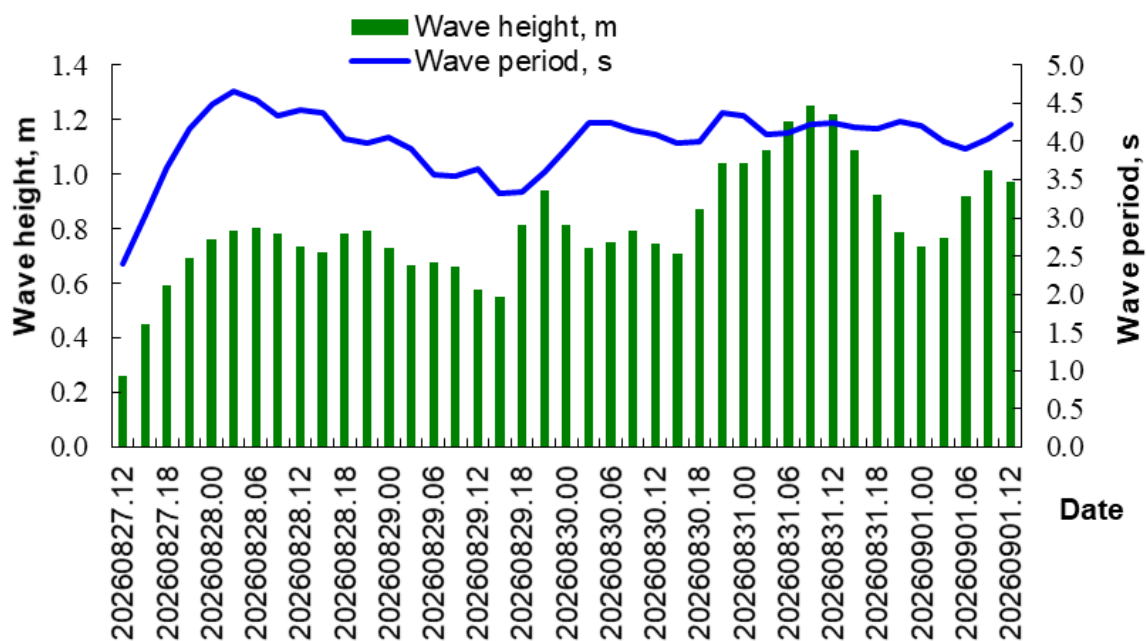


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260827.12	0.53	S	2.7	4	W
20260827.15	0.53	S	2.9	3	W
20260827.18	0.56	S	3.2	2	W
20260827.21	0.65	S	3.6	2	SW
20260828.00	0.74	S	3.9	2	S
20260828.03	0.79	S	4.2	4	E
20260828.06	0.81	S	4.4	4	SE
20260828.09	0.81	S	4.4	3	S
20260828.12	0.80	S	4.4	1	E
20260828.15	0.82	SW	4.3	3	E
20260828.18	0.88	SW	4.1	5	S
20260828.21	0.86	SW	4.0	5	SW
20260829.00	0.76	SW	4.0	4	SW
20260829.03	0.71	SW	3.7	6	SW
20260829.06	0.78	SW	3.3	6	SW
20260829.09	0.72	SW	3.3	4	SW
20260829.12	0.58	SW	3.3	2	SW
20260829.15	0.55	SW	3.2	6	W
20260829.18	0.76	SW	3.2	8	W
20260829.21	0.90	SW	3.5	5	W
20260830.00	0.82	SW	3.8	1	E
20260830.03	0.76	SW	4.1	4	NW
20260830.06	0.84	SW	4.0	6	W
20260830.09	0.80	SW	4.0	4	W
20260830.12	0.71	SW	4.2	2	SW
20260830.15	0.69	SW	3.9	7	S
20260830.18	1.03	SW	3.9	11	S
20260830.21	1.22	SW	4.2	8	S
20260831.00	1.05	SW	4.2	5	S
20260831.03	0.97	SW	4.2	5	SW
20260831.06	1.02	SW	4.2	3	W
20260831.09	1.10	SW	4.3	4	N
20260831.12	1.09	SW	4.3	7	SW
20260831.15	0.98	SW	4.2	6	SW
20260831.18	0.86	SW	4.2	2	SW
20260831.21	0.77	SW	4.1	4	SW
20260901.00	0.76	SW	3.9	6	SW
20260901.03	0.84	SW	3.7	7	SW
20260901.06	1.01	SW	3.8	7	W
20260901.09	1.02	SW	4.0	5	W
20260901.12	0.89	SW	4.3	3	SW

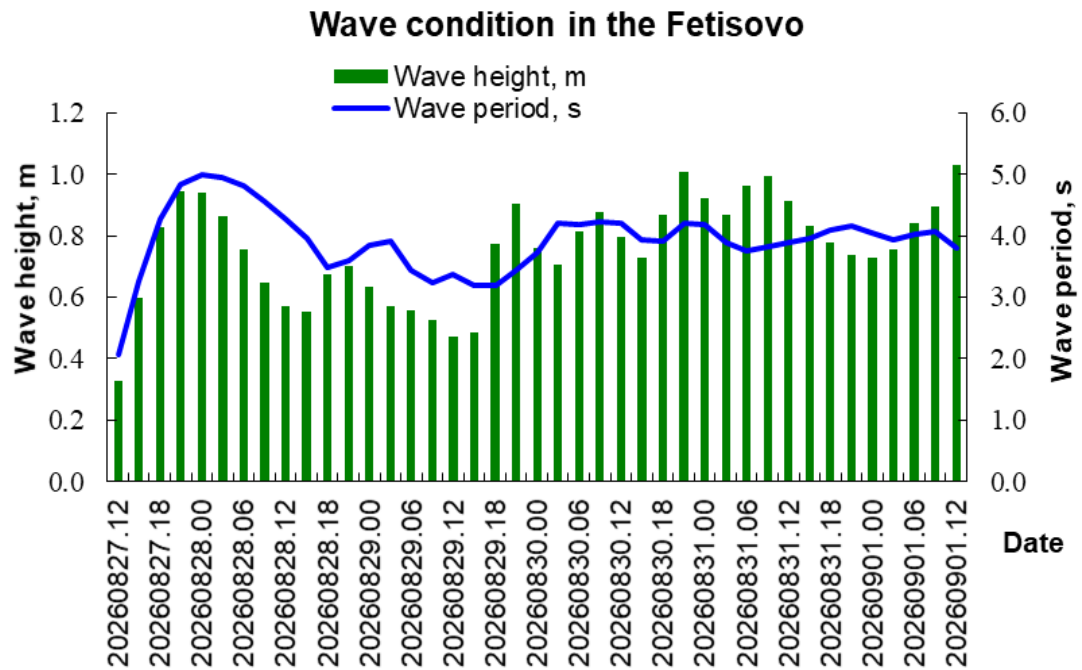
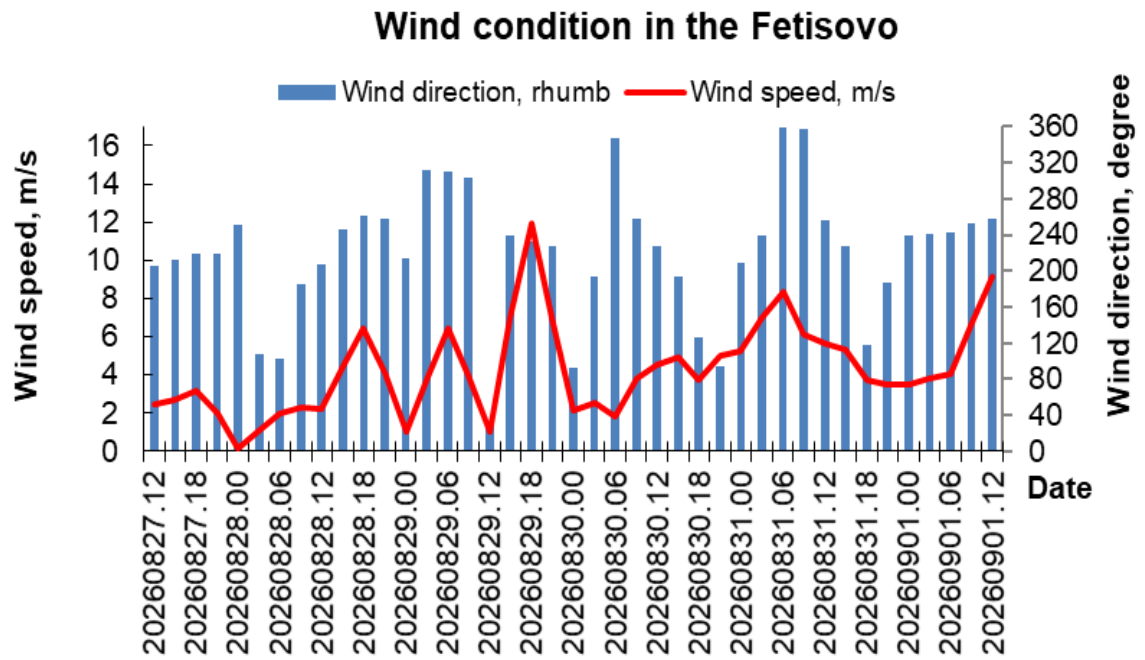
Wind condition in the Peschanyi



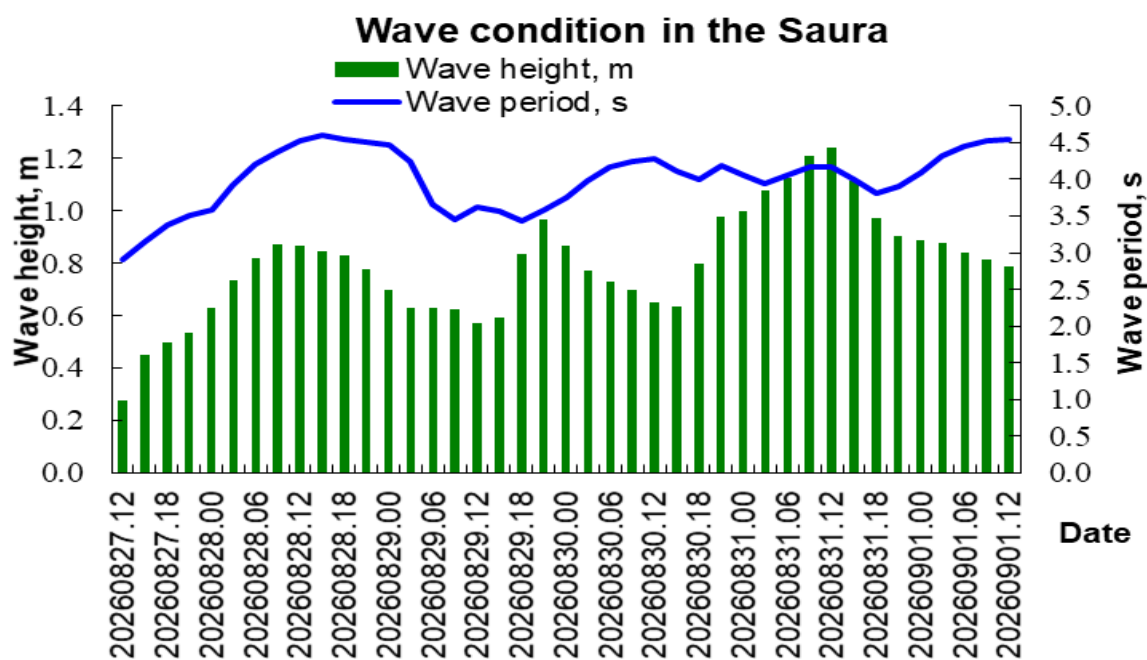
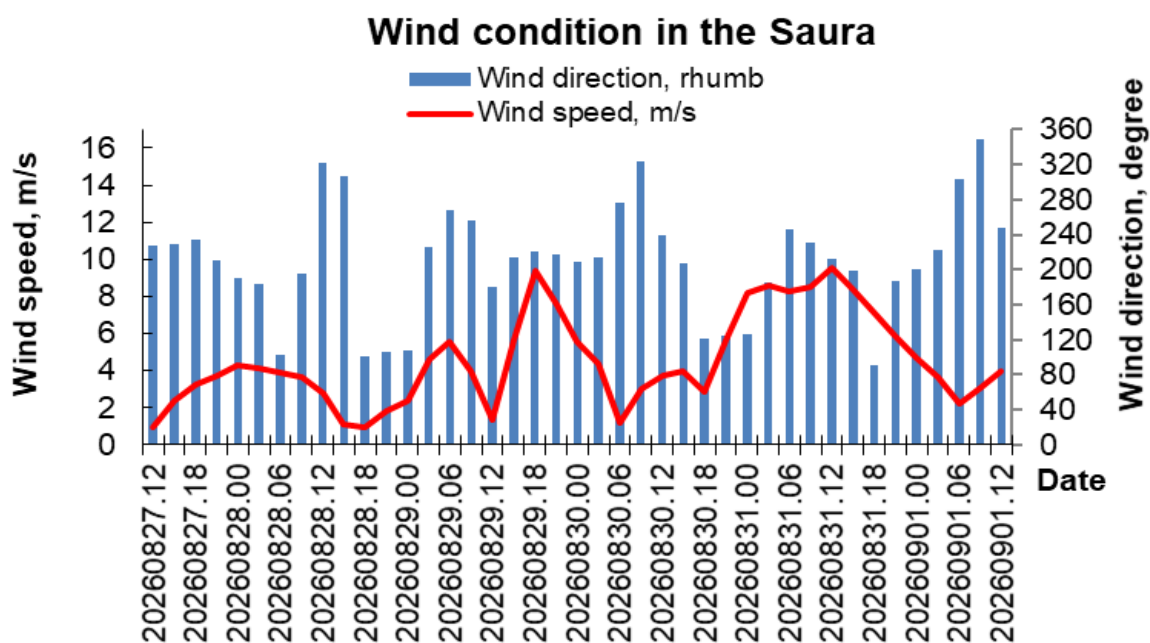
Wave condition in the Peschanyi



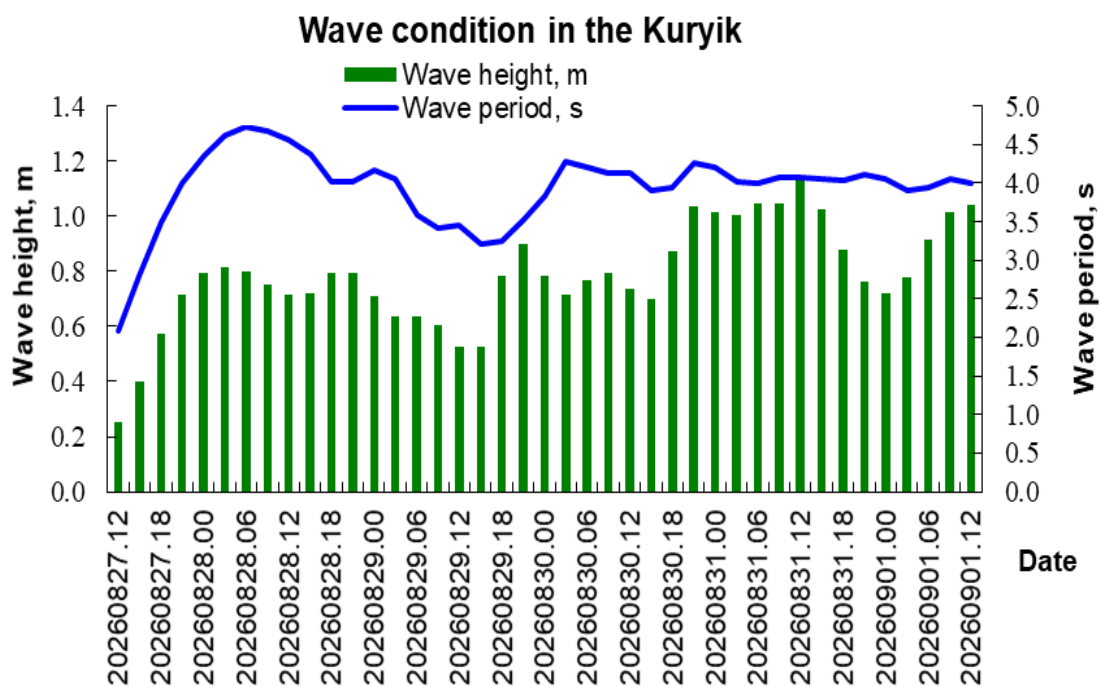
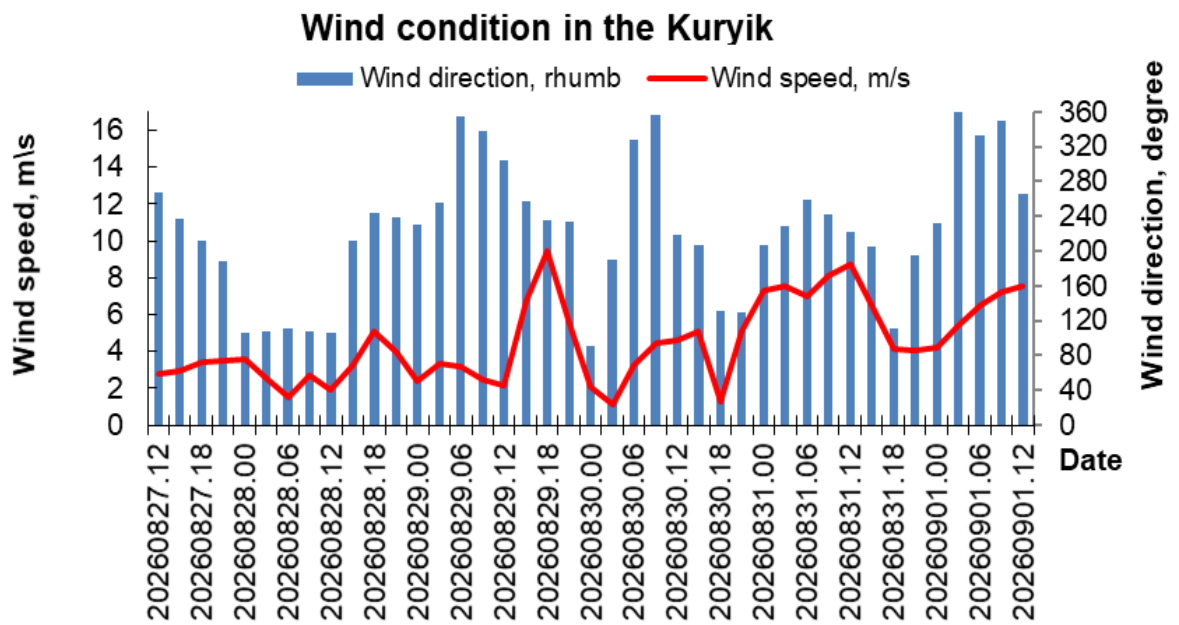
Date time	Peschanyi (Isan)				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260827.12	0.26	S	2.4	2	W
20260827.15	0.45	SE	3.0	2	SW
20260827.18	0.59	SE	3.7	3	S
20260827.21	0.69	SE	4.2	3	S
20260828.00	0.76	SE	4.5	2	E
20260828.03	0.79	S	4.7	4	E
20260828.06	0.80	S	4.5	5	E
20260828.09	0.78	S	4.3	4	E
20260828.12	0.73	S	4.4	2	S
20260828.15	0.72	SW	4.4	4	SW
20260828.18	0.78	SW	4.0	5	SW
20260828.21	0.80	SW	4.0	5	SW
20260829.00	0.73	SW	4.1	4	SW
20260829.03	0.67	SW	3.9	4	W
20260829.06	0.68	SW	3.6	3	N
20260829.09	0.66	SW	3.6	3	NW
20260829.12	0.58	SW	3.6	2	W
20260829.15	0.55	SW	3.3	7	N
20260829.18	0.82	SW	3.3	10	SW
20260829.21	0.94	SW	3.6	6	SW
20260830.00	0.81	SW	3.9	3	E
20260830.03	0.73	SW	4.3	4	E
20260830.06	0.75	SW	4.2	3	NW
20260830.09	0.79	SW	4.1	4	N
20260830.12	0.75	SW	4.1	5	SW
20260830.15	0.71	SW	4.0	4	SW
20260830.18	0.87	SW	4.0	2	SW
20260830.21	1.04	SW	4.4	5	SW
20260831.00	1.04	SW	4.3	7	SW
20260831.03	1.09	SW	4.1	8	SW
20260831.06	1.20	SW	4.1	8	SW
20260831.09	1.25	SW	4.2	8	SW
20260831.12	1.22	SW	4.2	9	SW
20260831.15	1.09	SW	4.2	7	SW
20260831.18	0.93	SW	4.2	4	E
20260831.21	0.79	SW	4.3	4	S
20260901.00	0.74	SW	4.2	3	SW
20260901.03	0.77	SW	4.0	5	N
20260901.06	0.92	SW	3.9	8	NW
20260901.09	1.02	SW	4.0	7	N
20260901.12	0.97	SW	4.2	5	W



Date time	Fetisovo				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260827.12	0.33	W	2.1	2	SW
20260827.15	0.60	S	3.3	3	SW
20260827.18	0.83	S	4.3	3	SW
20260827.21	0.94	S	4.8	2	SW
20260828.00	0.94	S	5.0	0	W
20260828.03	0.86	S	5.0	1	E
20260828.06	0.75	S	4.8	2	E
20260828.09	0.65	S	4.6	2	S
20260828.12	0.57	S	4.3	2	SW
20260828.15	0.55	SW	3.9	4	SW
20260828.18	0.67	SW	3.5	6	W
20260828.21	0.70	SW	3.6	4	W
20260829.00	0.63	SW	3.8	1	SW
20260829.03	0.57	SW	3.9	4	NW
20260829.06	0.56	SW	3.4	6	NW
20260829.09	0.53	SW	3.2	4	NW
20260829.12	0.47	SW	3.4	1	NE
20260829.15	0.49	SW	3.2	7	SW
20260829.18	0.77	SW	3.2	12	SW
20260829.21	0.90	SW	3.4	7	SW
20260830.00	0.76	SW	3.7	2	E
20260830.03	0.71	SW	4.2	3	S
20260830.06	0.81	SW	4.2	2	N
20260830.09	0.88	SW	4.2	4	W
20260830.12	0.80	SW	4.2	5	SW
20260830.15	0.73	SW	3.9	5	S
20260830.18	0.87	SW	3.9	4	SE
20260830.21	1.01	SW	4.2	5	E
20260831.00	0.92	SW	4.2	5	SW
20260831.03	0.87	SW	3.9	7	SW
20260831.06	0.96	SW	3.7	8	N
20260831.09	1.00	SW	3.8	6	N
20260831.12	0.91	SW	3.9	6	W
20260831.15	0.83	SW	4.0	5	SW
20260831.18	0.78	SW	4.1	4	SE
20260831.21	0.74	SW	4.1	3	S
20260901.00	0.73	SW	4.0	4	SW
20260901.03	0.76	SW	3.9	4	SW
20260901.06	0.84	SW	4.0	4	SW
20260901.09	0.90	SW	4.1	7	W
20260901.12	1.03	SW	3.8	9	W



Date time	Saura				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260827.12	0.28	S	2.9	1	SW
20260827.15	0.45	S	3.2	2	SW
20260827.18	0.50	S	3.4	3	SW
20260827.21	0.53	S	3.5	4	SW
20260828.00	0.63	S	3.6	4	S
20260828.03	0.73	S	3.9	4	S
20260828.06	0.82	S	4.2	4	E
20260828.09	0.87	S	4.4	4	S
20260828.12	0.86	S	4.5	3	NW
20260828.15	0.85	S	4.6	1	NW
20260828.18	0.83	S	4.6	1	E
20260828.21	0.78	SW	4.5	2	E
20260829.00	0.70	SW	4.5	2	E
20260829.03	0.63	SW	4.2	5	SW
20260829.06	0.63	SW	3.7	6	W
20260829.09	0.62	SW	3.5	4	W
20260829.12	0.57	SW	3.6	1	S
20260829.15	0.59	SW	3.6	6	SW
20260829.18	0.84	SW	3.4	9	SW
20260829.21	0.97	SW	3.6	8	SW
20260830.00	0.86	SW	3.7	6	SW
20260830.03	0.77	SW	4.0	4	SW
20260830.06	0.73	SW	4.2	1	W
20260830.09	0.70	SW	4.2	3	NW
20260830.12	0.65	SW	4.3	4	SW
20260830.15	0.63	SW	4.1	4	SW
20260830.18	0.80	SW	4.0	3	SE
20260830.21	0.98	SW	4.2	6	SE
20260831.00	1.00	W	4.1	8	SE
20260831.03	1.08	W	3.9	9	S
20260831.06	1.12	SW	4.0	8	SW
20260831.09	1.21	SW	4.2	9	SW
20260831.12	1.24	SW	4.2	10	SW
20260831.15	1.11	SW	4.0	8	S
20260831.18	0.97	SW	3.8	7	E
20260831.21	0.90	SW	3.9	6	S
20260901.00	0.89	SW	4.1	5	S
20260901.03	0.88	SW	4.3	4	SW
20260901.06	0.84	SW	4.5	2	NW
20260901.09	0.81	SW	4.5	3	N
20260901.12	0.79	SW	4.5	4	W



Date time	Kuryk				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260827.12	0.25	S	2.1	3	W
20260827.15	0.40	SE	2.8	3	SW
20260827.18	0.58	SE	3.5	3	SW
20260827.21	0.71	S	4.0	3	S
20260828.00	0.79	S	4.4	4	E
20260828.03	0.82	S	4.6	3	E
20260828.06	0.80	S	4.7	2	E
20260828.09	0.75	S	4.7	3	E
20260828.12	0.72	S	4.6	2	E
20260828.15	0.72	SW	4.4	3	SW
20260828.18	0.80	SW	4.0	5	SW
20260828.21	0.80	SW	4.0	4	SW
20260829.00	0.71	SW	4.2	2	SW
20260829.03	0.64	SW	4.1	3	W
20260829.06	0.64	SW	3.6	3	N
20260829.09	0.61	SW	3.4	2	NW
20260829.12	0.53	SW	3.5	2	NW
20260829.15	0.53	SW	3.2	7	W
20260829.18	0.79	SW	3.2	9	SW
20260829.21	0.90	SW	3.5	5	SW
20260830.00	0.78	SW	3.8	2	E
20260830.03	0.72	SW	4.3	1	S
20260830.06	0.77	SW	4.2	3	NW
20260830.09	0.80	SW	4.1	4	N
20260830.12	0.74	SW	4.1	5	SW
20260830.15	0.70	SW	3.9	5	SW
20260830.18	0.87	SW	3.9	1	SE
20260830.21	1.03	SW	4.3	5	SE
20260831.00	1.02	SW	4.2	7	SW
20260831.03	1.00	SW	4.0	8	SW
20260831.06	1.05	SW	4.0	7	W
20260831.09	1.05	SW	4.1	8	SW
20260831.12	1.14	SW	4.1	9	SW
20260831.15	1.02	SW	4.1	7	SW
20260831.18	0.88	SW	4.0	4	E
20260831.21	0.76	SW	4.1	4	S
20260901.00	0.72	SW	4.1	4	SW
20260901.03	0.78	SW	3.9	5	N
20260901.06	0.92	SW	3.9	7	NW
20260901.09	1.02	SW	4.1	7	N
20260901.12	1.04	S	4.0	8	W

**Calculation characteristics were obtained using the SWAN wave model, adapted in RSE «Kazhydromet» to the conditions of the Caspian Sea.*

Compiled by: Zhagparova N.N.

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