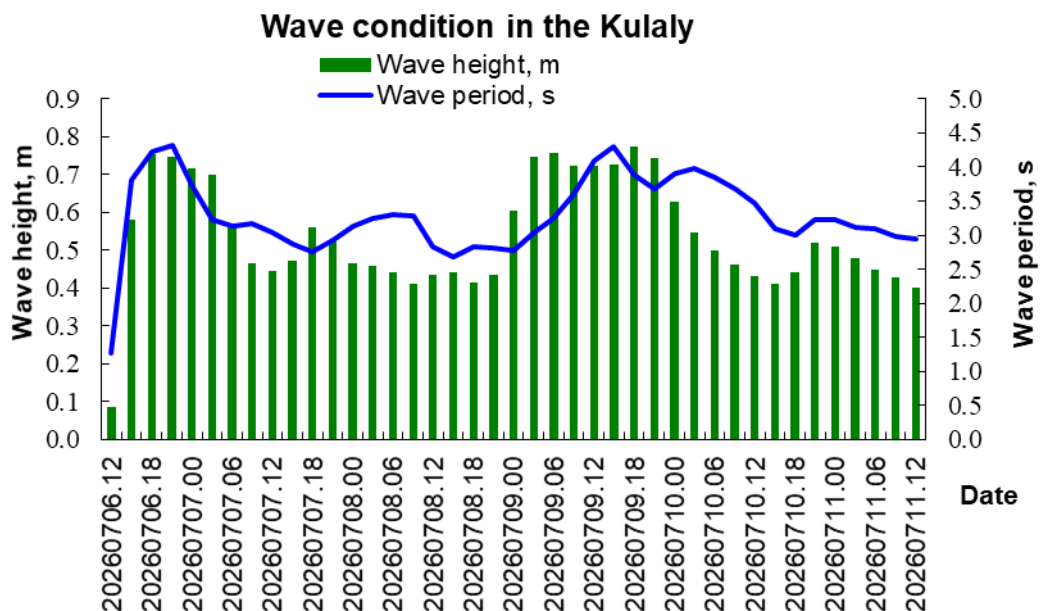
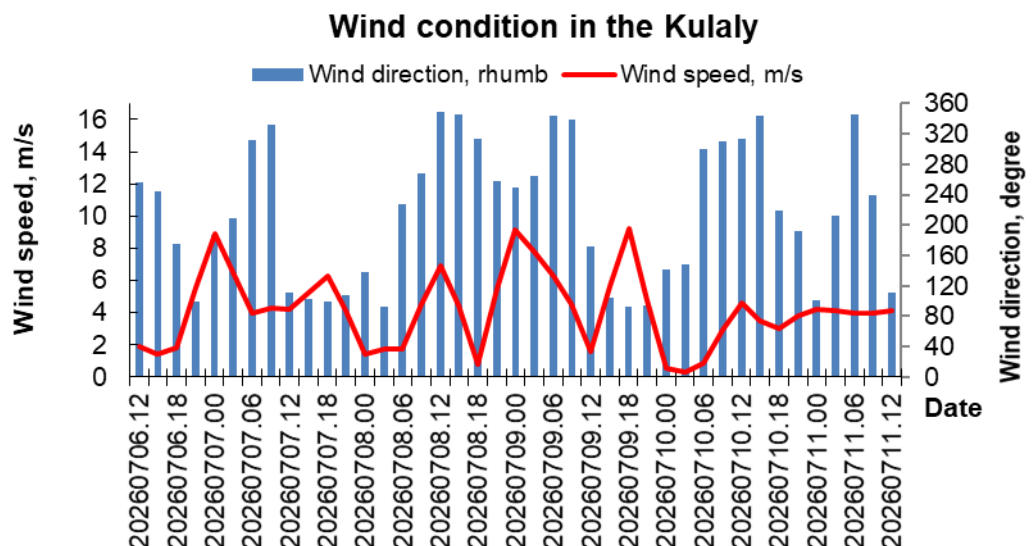




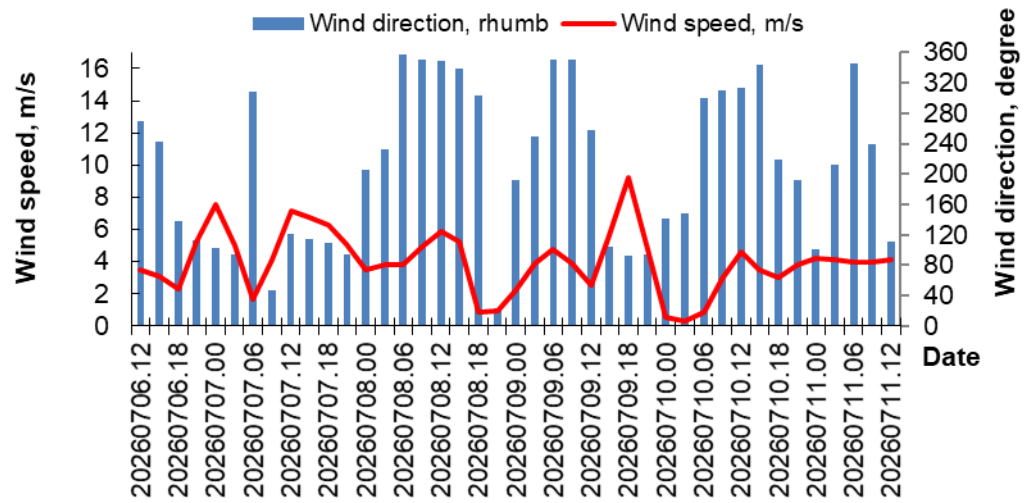
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance
using SWAN spectral model for the period July 06 – 11, 2026 .**

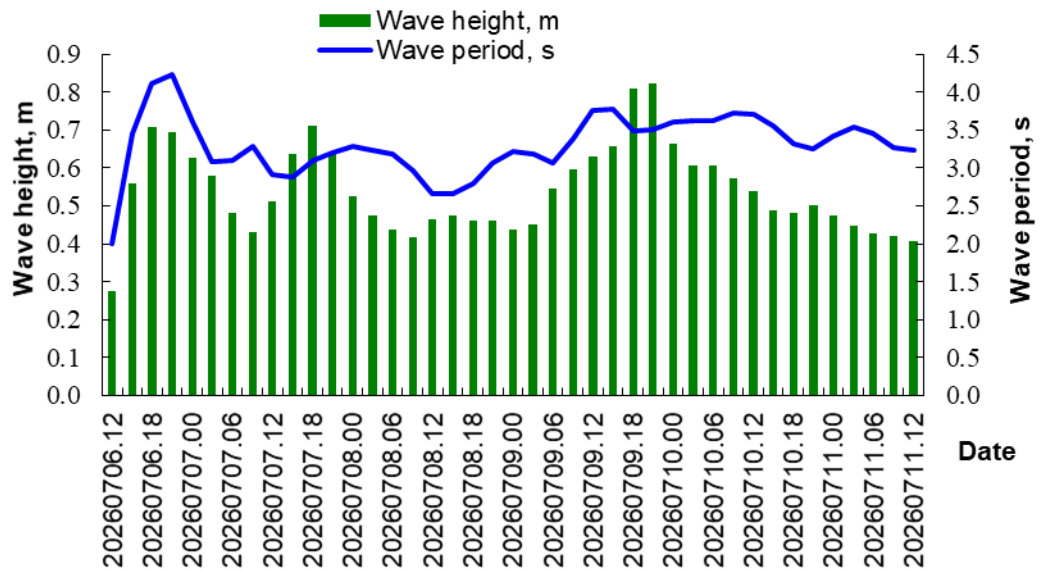


Date time	Kulaly				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260706.12	0.09	S	1.3	2	W
20260706.15	0.58	S	3.8	1	SW
20260706.18	0.75	S	4.2	2	S
20260706.21	0.75	S	4.3	6	E
20260707.00	0.72	S	3.7	9	S
20260707.03	0.70	SW	3.2	7	SW
20260707.06	0.57	SW	3.1	4	NW
20260707.09	0.47	SW	3.2	4	NW
20260707.12	0.44	SW	3.0	4	E
20260707.15	0.47	SW	2.9	5	E
20260707.18	0.56	W	2.8	6	E
20260707.21	0.52	W	2.9	4	E
20260708.00	0.47	W	3.1	1	SE
20260708.03	0.46	W	3.2	2	E
20260708.06	0.44	W	3.3	2	SW
20260708.09	0.41	W	3.3	4	W
20260708.12	0.44	SW	2.8	7	N
20260708.15	0.44	SW	2.7	4	N
20260708.18	0.42	SW	2.8	1	NW
20260708.21	0.44	SW	2.8	5	W
20260709.00	0.60	SW	2.8	9	W
20260709.03	0.75	S	3.0	8	W
20260709.06	0.76	S	3.2	6	N
20260709.09	0.72	S	3.6	5	N
20260709.12	0.72	S	4.1	2	S
20260709.15	0.73	S	4.3	6	E
20260709.18	0.77	SW	3.9	9	E
20260709.21	0.74	SW	3.7	5	E
20260710.00	0.63	SW	3.9	1	SE
20260710.03	0.55	SW	4.0	0	SE
20260710.06	0.50	SW	3.9	1	NW
20260710.09	0.46	SW	3.7	3	NW
20260710.12	0.43	SW	3.5	5	NW
20260710.15	0.41	SW	3.1	4	N
20260710.18	0.44	SW	3.0	3	SW
20260710.21	0.52	W	3.2	4	S
20260711.00	0.51	W	3.2	4	E
20260711.03	0.48	W	3.1	4	SW
20260711.06	0.45	SW	3.1	4	N
20260711.09	0.43	SW	3.0	4	SW
20260711.12	0.40	SW	3.0	4	E

Wind condition in the Fort-Shevchenko

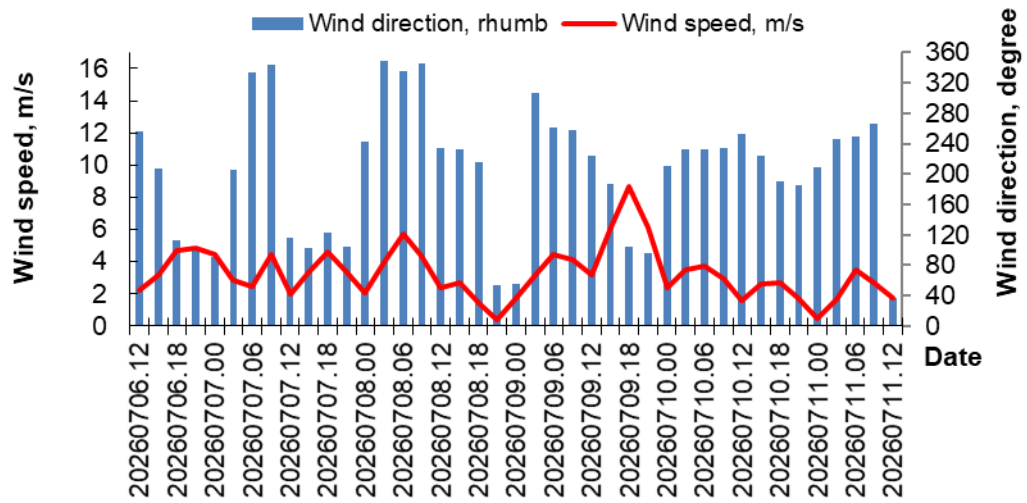


Wave condition in the Fort-Shevchenko

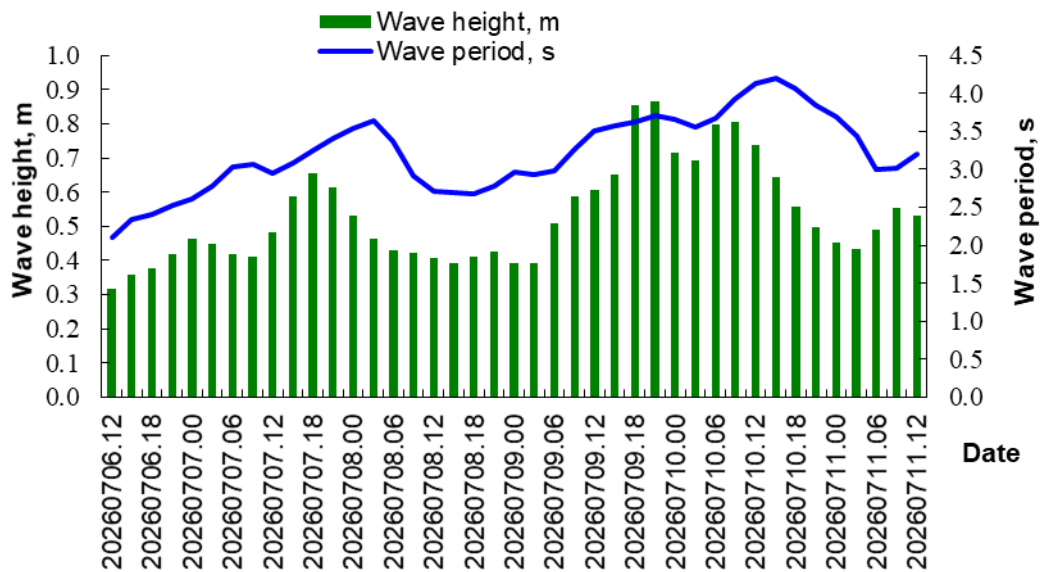


Date time	Fort-Shevchenko				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260706.12	0.28	S	2.0	3	W
20260706.15	0.56	S	3.5	3	SW
20260706.18	0.71	S	4.1	2	SE
20260706.21	0.69	S	4.2	5	E
20260707.00	0.63	SW	3.6	8	E
20260707.03	0.58	SW	3.1	5	E
20260707.06	0.48	SW	3.1	2	NW
20260707.09	0.43	SW	3.3	4	NE
20260707.12	0.51	W	2.9	7	SE
20260707.15	0.64	W	2.9	7	SE
20260707.18	0.71	W	3.1	6	E
20260707.21	0.64	W	3.2	5	E
20260708.00	0.52	W	3.3	3	SW
20260708.03	0.47	W	3.2	4	SW
20260708.06	0.44	W	3.2	4	N
20260708.09	0.42	SW	3.0	5	N
20260708.12	0.46	SW	2.7	6	N
20260708.15	0.48	S	2.7	5	N
20260708.18	0.46	S	2.8	1	NW
20260708.21	0.46	SW	3.1	1	NE
20260709.00	0.44	SW	3.2	2	S
20260709.03	0.45	SW	3.2	4	W
20260709.06	0.55	SW	3.1	5	N
20260709.09	0.60	S	3.4	4	N
20260709.12	0.63	S	3.8	3	W
20260709.15	0.66	SW	3.8	6	E
20260709.18	0.81	SW	3.5	9	E
20260709.21	0.82	SW	3.5	5	E
20260710.00	0.67	SW	3.6	1	SE
20260710.03	0.61	SW	3.6	0	SE
20260710.06	0.61	SW	3.6	1	NW
20260710.09	0.57	SW	3.7	3	NW
20260710.12	0.54	SW	3.7	5	NW
20260710.15	0.49	SW	3.6	4	N
20260710.18	0.48	SW	3.3	3	SW
20260710.21	0.50	SW	3.3	4	S
20260711.00	0.47	SW	3.4	4	E
20260711.03	0.45	SW	3.5	4	SW
20260711.06	0.43	SW	3.5	4	N
20260711.09	0.42	SW	3.3	4	SW
20260711.12	0.41	SW	3.2	4	E

Wind condition in the Aktau

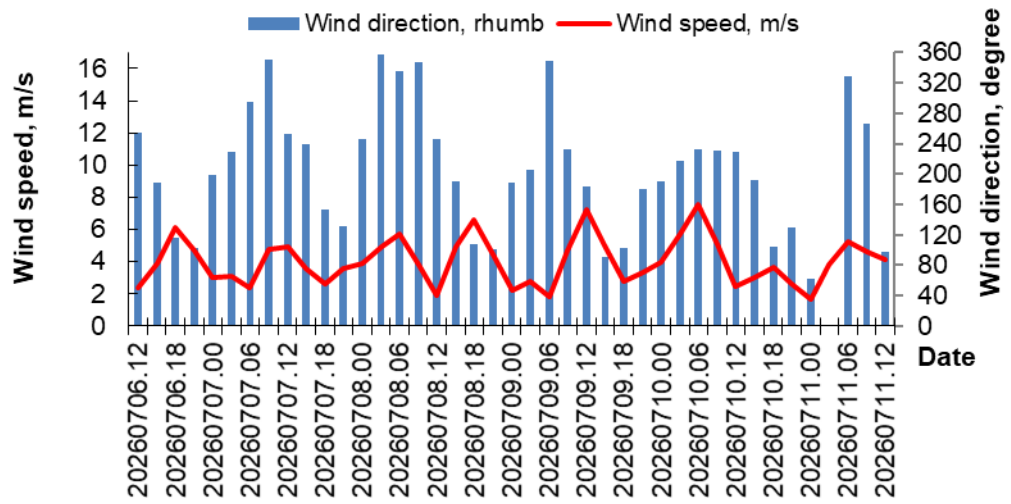


Wave condition in the Aktau

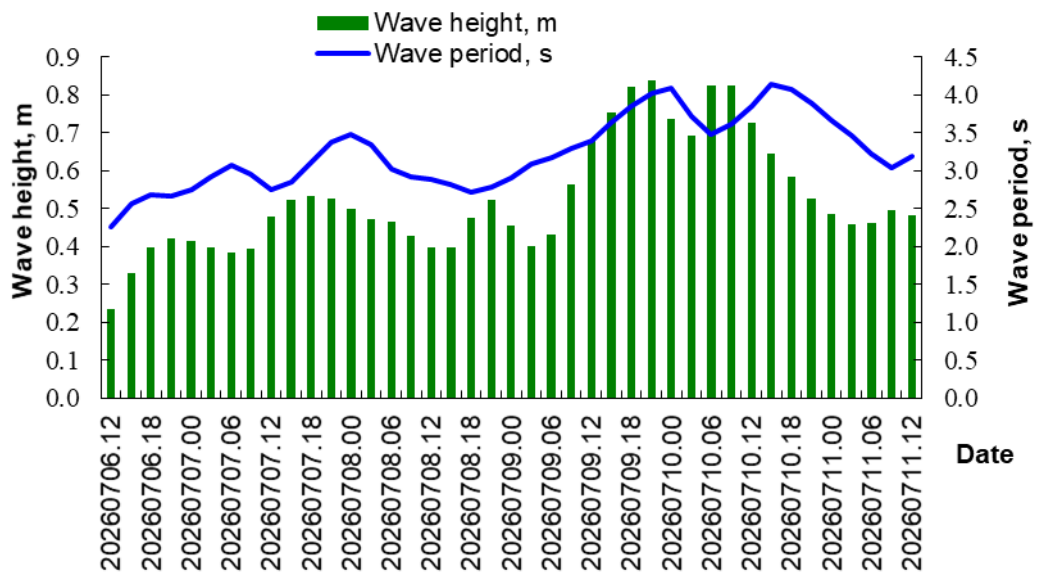


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260706.12	0.32	S	2.1	2	W
20260706.15	0.36	S	2.3	3	SW
20260706.18	0.38	S	2.4	5	E
20260706.21	0.42	SW	2.5	5	E
20260707.00	0.46	SW	2.6	4	E
20260707.03	0.45	SW	2.8	3	SW
20260707.06	0.42	SW	3.0	2	NW
20260707.09	0.41	SW	3.1	4	N
20260707.12	0.48	SW	3.0	2	SE
20260707.15	0.59	W	3.1	3	E
20260707.18	0.66	W	3.3	5	SE
20260707.21	0.61	W	3.4	3	E
20260708.00	0.53	W	3.5	2	SW
20260708.03	0.46	W	3.6	4	N
20260708.06	0.43	W	3.4	6	NW
20260708.09	0.42	SW	2.9	4	N
20260708.12	0.41	SW	2.7	2	SW
20260708.15	0.39	SW	2.7	3	SW
20260708.18	0.41	SW	2.7	1	SW
20260708.21	0.43	SW	2.8	0	NE
20260709.00	0.39	SW	3.0	2	NE
20260709.03	0.39	SW	2.9	3	NW
20260709.06	0.51	SW	3.0	4	W
20260709.09	0.59	SW	3.3	4	W
20260709.12	0.61	SW	3.5	3	SW
20260709.15	0.65	SW	3.6	6	S
20260709.18	0.85	W	3.6	9	E
20260709.21	0.87	W	3.7	6	E
20260710.00	0.72	W	3.7	2	SW
20260710.03	0.69	W	3.6	4	SW
20260710.06	0.80	SW	3.7	4	SW
20260710.09	0.81	SW	3.9	3	SW
20260710.12	0.74	SW	4.1	2	W
20260710.15	0.64	SW	4.2	3	SW
20260710.18	0.56	SW	4.1	3	S
20260710.21	0.50	SW	3.8	2	S
20260711.00	0.45	SW	3.7	0	SW
20260711.03	0.43	SW	3.4	2	SW
20260711.06	0.49	SW	3.0	3	W
20260711.09	0.55	SW	3.0	3	W
20260711.12	0.53	S	3.2	2	NE

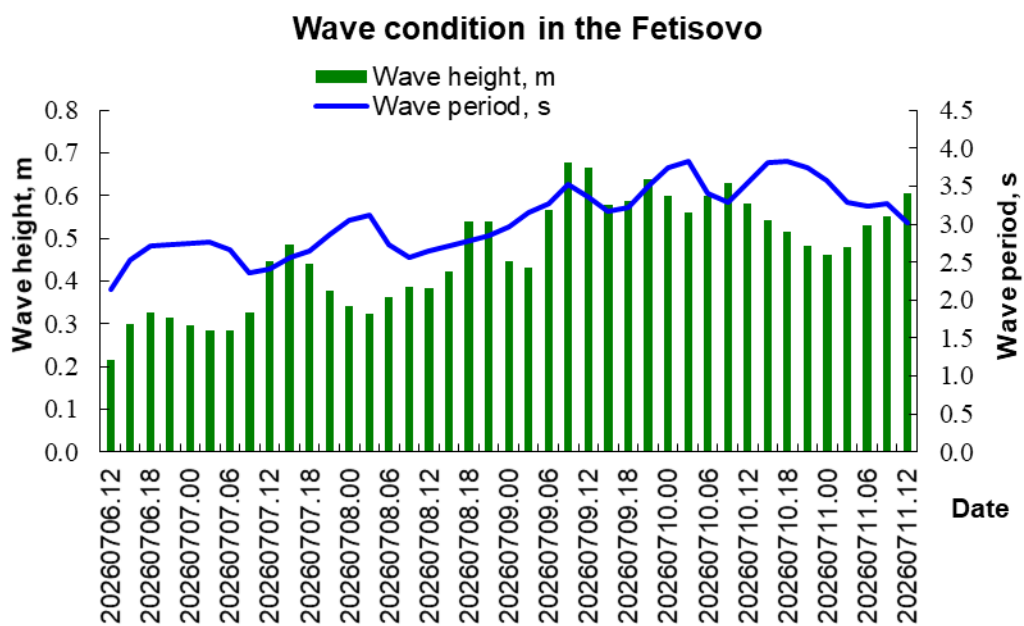
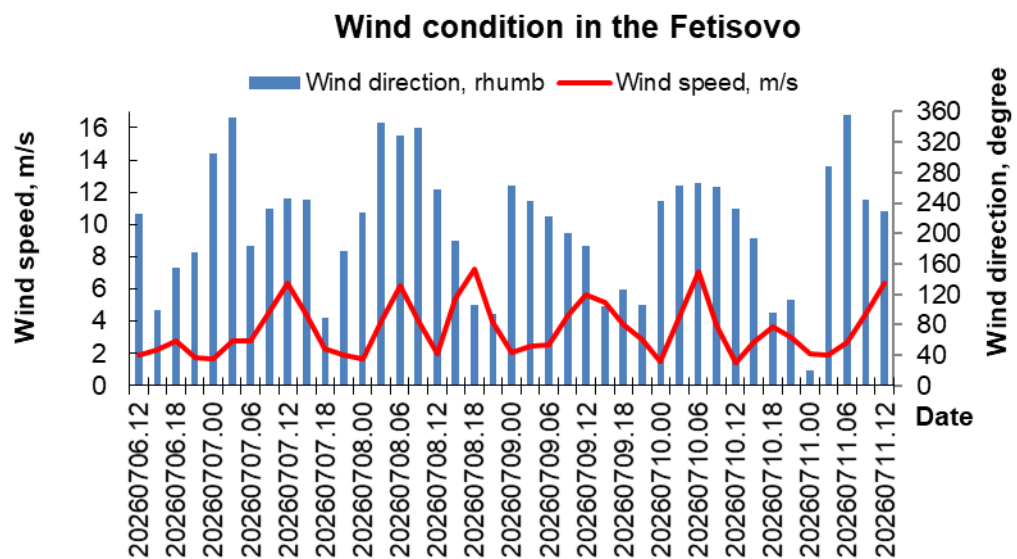
Wind condition in the Peschanyi



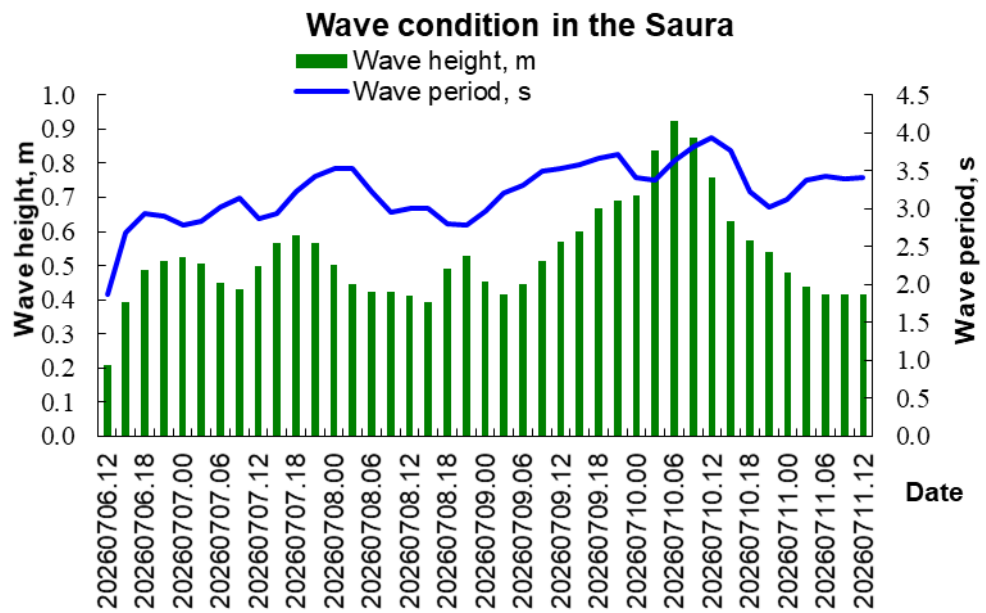
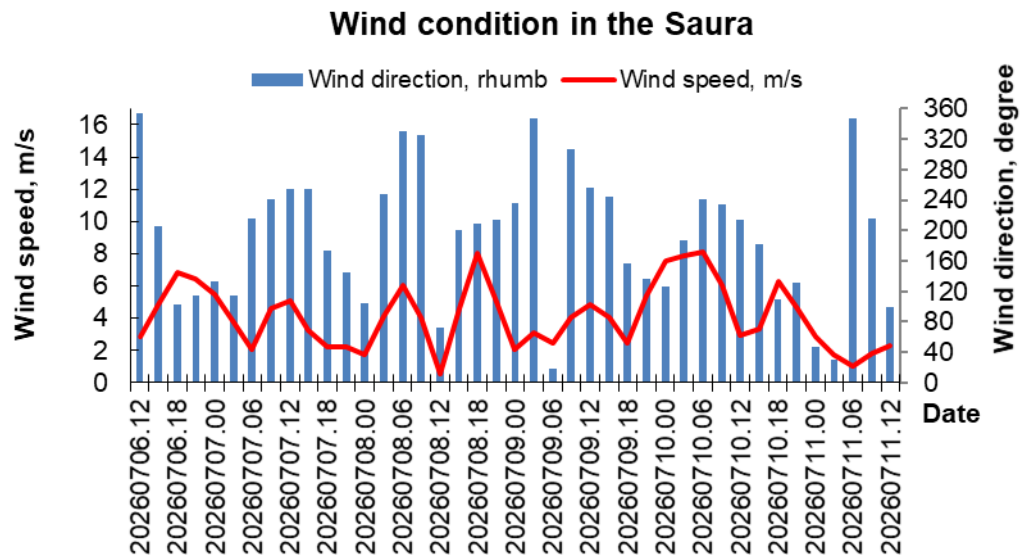
Wave condition in the Peschanyi



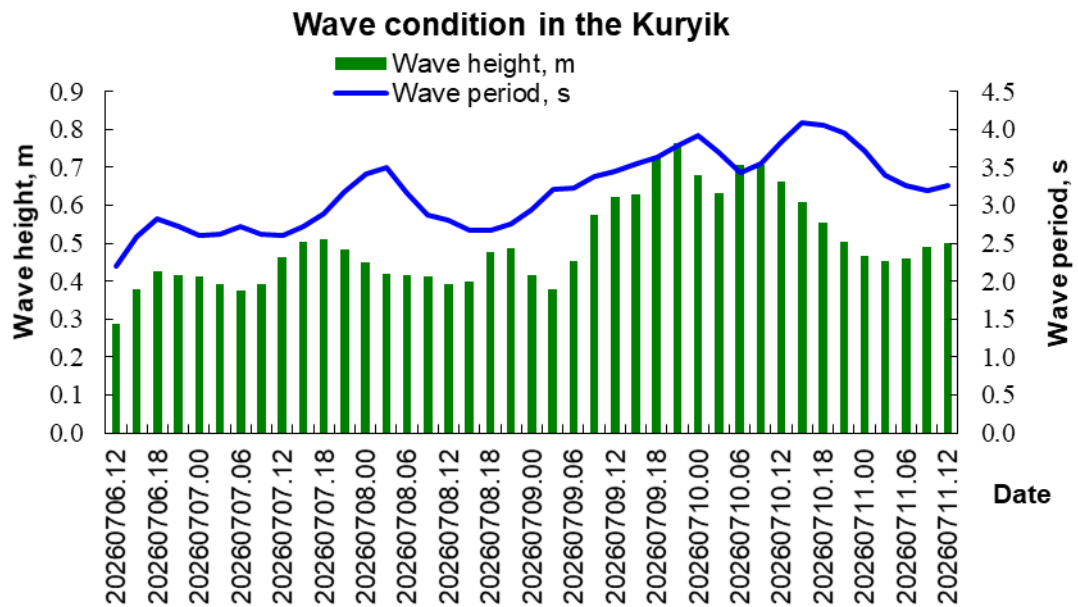
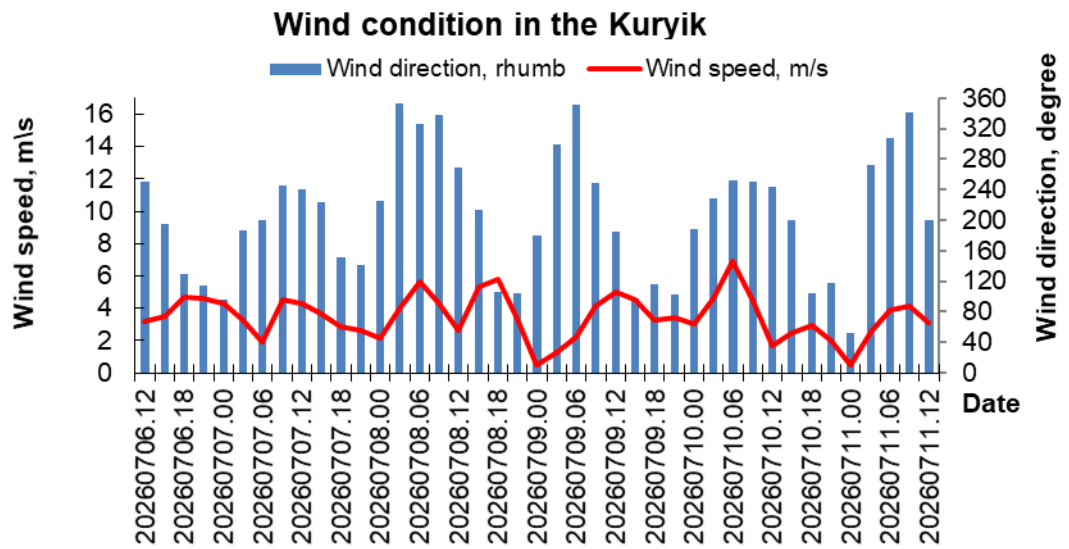
Date time	Peschanyi (Isan)				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260706.12	0.24	S	2.3	2	W
20260706.15	0.33	S	2.6	4	S
20260706.18	0.40	S	2.7	6	SE
20260706.21	0.42	S	2.7	5	E
20260707.00	0.41	S	2.8	3	S
20260707.03	0.40	SW	2.9	3	SW
20260707.06	0.38	SW	3.1	2	NW
20260707.09	0.39	SW	2.9	5	N
20260707.12	0.48	S	2.8	5	W
20260707.15	0.52	SW	2.9	4	SW
20260707.18	0.53	SW	3.1	3	SE
20260707.21	0.53	W	3.4	4	SE
20260708.00	0.50	W	3.5	4	SW
20260708.03	0.47	W	3.3	5	N
20260708.06	0.47	SW	3.0	6	NW
20260708.09	0.43	SW	2.9	4	N
20260708.12	0.40	SW	2.9	2	SW
20260708.15	0.40	SW	2.8	5	S
20260708.18	0.48	W	2.7	7	E
20260708.21	0.52	W	2.8	4	E
20260709.00	0.46	W	2.9	2	S
20260709.03	0.40	W	3.1	3	SW
20260709.06	0.43	SW	3.2	2	N
20260709.09	0.56	SW	3.3	5	SW
20260709.12	0.68	SW	3.4	7	S
20260709.15	0.75	W	3.6	5	E
20260709.18	0.82	W	3.8	3	E
20260709.21	0.84	W	4.0	3	S
20260710.00	0.74	W	4.1	4	S
20260710.03	0.69	W	3.7	6	SW
20260710.06	0.82	SW	3.5	8	SW
20260710.09	0.82	SW	3.6	5	SW
20260710.12	0.73	SW	3.9	2	SW
20260710.15	0.64	SW	4.1	3	S
20260710.18	0.58	SW	4.1	4	E
20260710.21	0.53	SW	3.9	3	SE
20260711.00	0.48	SW	3.7	2	NE
20260711.03	0.46	SW	3.5	4	N
20260711.06	0.46	SW	3.2	5	NW
20260711.09	0.50	S	3.0	5	W
20260711.12	0.48	S	3.2	4	E



Date time	Fetisovo				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260706.12	0.22	S	2.1	2	SW
20260706.15	0.30	S	2.5	2	E
20260706.18	0.33	S	2.7	3	SE
20260706.21	0.31	S	2.7	2	S
20260707.00	0.30	S	2.7	2	NW
20260707.03	0.28	S	2.8	3	N
20260707.06	0.29	SW	2.7	3	S
20260707.09	0.33	SW	2.4	5	SW
20260707.12	0.45	SW	2.4	6	SW
20260707.15	0.48	SW	2.6	4	SW
20260707.18	0.44	SW	2.7	2	E
20260707.21	0.38	SW	2.9	2	S
20260708.00	0.34	SW	3.1	2	SW
20260708.03	0.32	W	3.1	4	N
20260708.06	0.36	SW	2.7	6	NW
20260708.09	0.39	SW	2.6	4	N
20260708.12	0.38	SW	2.7	2	W
20260708.15	0.42	SW	2.7	5	S
20260708.18	0.54	W	2.8	7	E
20260708.21	0.54	W	2.9	4	E
20260709.00	0.45	W	3.0	2	W
20260709.03	0.43	W	3.2	2	SW
20260709.06	0.57	SW	3.3	3	SW
20260709.09	0.68	SW	3.5	4	S
20260709.12	0.67	SW	3.4	6	S
20260709.15	0.58	SW	3.2	5	E
20260709.18	0.59	W	3.2	4	SE
20260709.21	0.64	W	3.5	3	E
20260710.00	0.60	W	3.7	2	SW
20260710.03	0.56	W	3.8	4	W
20260710.06	0.60	SW	3.4	7	W
20260710.09	0.63	SW	3.3	4	W
20260710.12	0.58	SW	3.5	1	SW
20260710.15	0.54	SW	3.8	3	S
20260710.18	0.51	SW	3.8	4	E
20260710.21	0.48	SW	3.7	3	SE
20260711.00	0.46	SW	3.6	2	N
20260711.03	0.48	SW	3.3	2	W
20260711.06	0.53	S	3.2	3	N
20260711.09	0.55	S	3.3	5	SW
20260711.12	0.60	S	3.0	6	SW



Date time	Saura				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260706.12	0.21	S	1.9	3	N
20260706.15	0.39	S	2.7	5	SW
20260706.18	0.49	SW	2.9	7	E
20260706.21	0.51	SW	2.9	6	SE
20260707.00	0.53	SW	2.8	6	SE
20260707.03	0.50	SW	2.8	4	SE
20260707.06	0.45	SW	3.0	2	SW
20260707.09	0.43	SW	3.1	5	SW
20260707.12	0.50	SW	2.9	5	W
20260707.15	0.57	SW	2.9	3	W
20260707.18	0.59	W	3.2	2	S
20260707.21	0.57	W	3.4	2	SE
20260708.00	0.50	W	3.5	2	E
20260708.03	0.44	W	3.5	4	W
20260708.06	0.42	W	3.2	6	NW
20260708.09	0.42	SW	3.0	4	NW
20260708.12	0.41	SW	3.0	1	E
20260708.15	0.39	SW	3.0	5	S
20260708.18	0.49	SW	2.8	8	SW
20260708.21	0.53	SW	2.8	5	SW
20260709.00	0.45	SW	3.0	2	SW
20260709.03	0.42	SW	3.2	3	N
20260709.06	0.45	SW	3.3	2	N
20260709.09	0.51	SW	3.5	4	NW
20260709.12	0.57	SW	3.5	5	W
20260709.15	0.60	SW	3.6	4	SW
20260709.18	0.67	SW	3.7	2	SE
20260709.21	0.69	SW	3.7	5	SE
20260710.00	0.71	W	3.4	8	SE
20260710.03	0.84	W	3.4	8	S
20260710.06	0.92	SW	3.6	8	SW
20260710.09	0.88	SW	3.8	6	SW
20260710.12	0.76	SW	3.9	3	SW
20260710.15	0.63	SW	3.8	3	S
20260710.18	0.57	SW	3.2	6	E
20260710.21	0.54	SW	3.0	5	SE
20260711.00	0.48	SW	3.1	3	NE
20260711.03	0.44	SW	3.4	2	NE
20260711.06	0.42	SW	3.4	1	N
20260711.09	0.42	SW	3.4	2	SW
20260711.12	0.42	SW	3.4	2	E



Date time	Kuryk				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260706.12	0.29	S	2.2	3	W
20260706.15	0.38	S	2.6	4	S
20260706.18	0.43	S	2.8	5	SE
20260706.21	0.42	S	2.7	5	SE
20260707.00	0.41	SW	2.6	4	E
20260707.03	0.39	SW	2.6	3	S
20260707.06	0.37	SW	2.7	2	S
20260707.09	0.39	SW	2.6	5	SW
20260707.12	0.46	SW	2.6	4	SW
20260707.15	0.50	SW	2.7	4	SW
20260707.18	0.51	SW	2.9	3	SE
20260707.21	0.48	W	3.2	3	SE
20260708.00	0.45	W	3.4	2	SW
20260708.03	0.42	W	3.5	4	N
20260708.06	0.42	W	3.2	6	NW
20260708.09	0.41	SW	2.9	4	NW
20260708.12	0.39	SW	2.8	3	W
20260708.15	0.40	SW	2.7	5	SW
20260708.18	0.48	SW	2.7	6	E
20260708.21	0.49	W	2.8	3	E
20260709.00	0.42	W	2.9	0	S
20260709.03	0.38	W	3.2	1	NW
20260709.06	0.45	SW	3.2	2	N
20260709.09	0.57	SW	3.4	4	W
20260709.12	0.62	SW	3.5	5	S
20260709.15	0.63	SW	3.6	5	E
20260709.18	0.73	W	3.6	3	SE
20260709.21	0.76	W	3.8	3	E
20260710.00	0.68	W	3.9	3	S
20260710.03	0.63	W	3.7	5	SW
20260710.06	0.71	SW	3.4	7	W
20260710.09	0.71	SW	3.5	4	W
20260710.12	0.66	SW	3.8	2	SW
20260710.15	0.61	SW	4.1	2	S
20260710.18	0.56	SW	4.1	3	E
20260710.21	0.50	SW	4.0	2	SE
20260711.00	0.47	SW	3.7	0	NE
20260711.03	0.45	SW	3.4	3	W
20260711.06	0.46	SW	3.3	4	NW
20260711.09	0.49	S	3.2	4	N
20260711.12	0.50	S	3.3	3	S

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

Compiled by: Bazarbay L.B.
 Checked by: Zhagparova N.N.

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