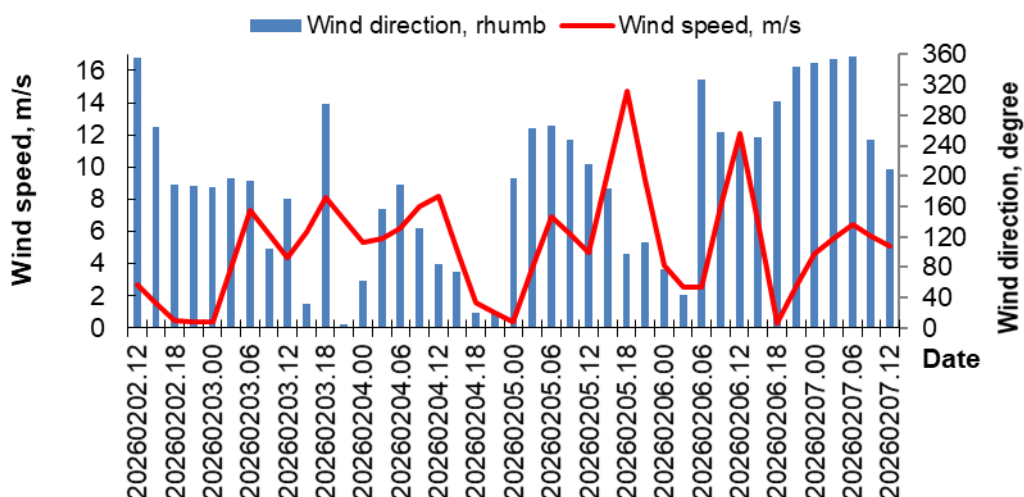




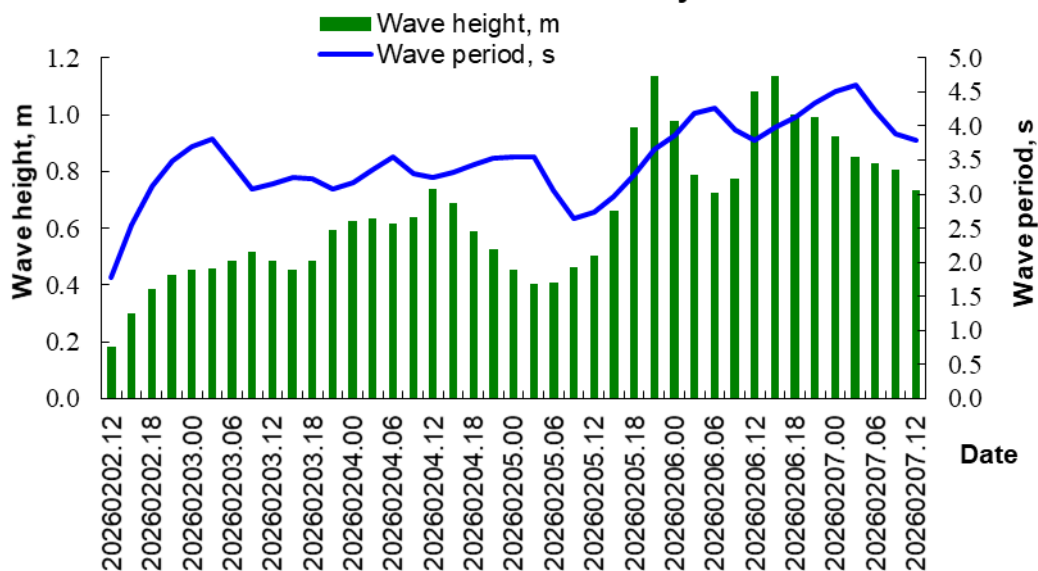
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance
using SWAN spectral model for the period February 02 – 07, 2026 .**

Wind condition in the Kulaly

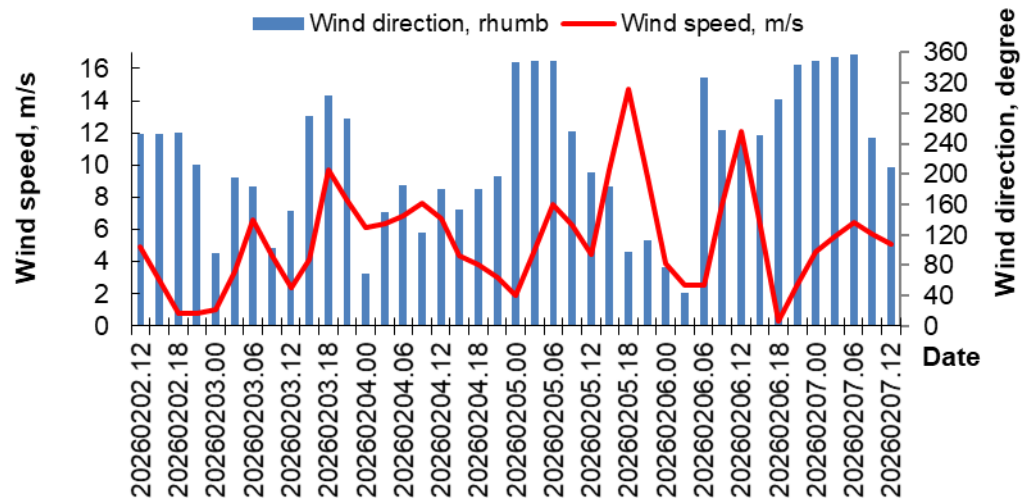


Wave condition in the Kulaly

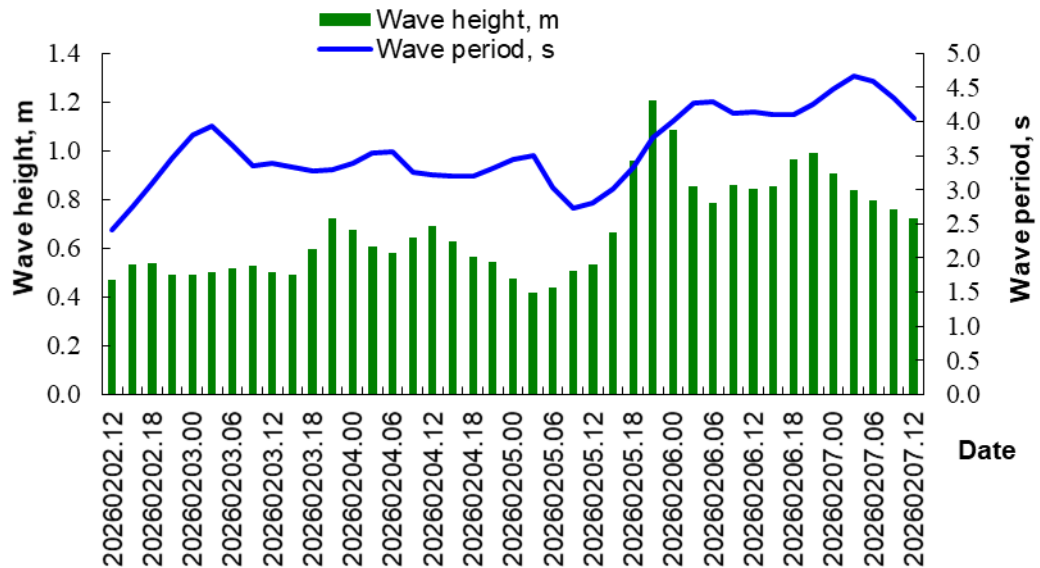


Date time	Kulaly				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260202.12	0.18	S	1.8	3	N
20260202.15	0.30	S	2.5	2	W
20260202.18	0.38	S	3.1	0	S
20260202.21	0.43	S	3.5	0	S
20260203.00	0.46	S	3.7	0	S
20260203.03	0.46	S	3.8	4	S
20260203.06	0.48	S	3.4	7	S
20260203.09	0.52	S	3.1	6	E
20260203.12	0.48	S	3.1	4	S
20260203.15	0.45	S	3.2	6	NE
20260203.18	0.49	SE	3.2	8	NW
20260203.21	0.59	SE	3.1	7	N
20260204.00	0.63	E	3.2	5	NE
20260204.03	0.64	E	3.4	6	SE
20260204.06	0.62	E	3.6	6	S
20260204.09	0.64	NE	3.3	8	SE
20260204.12	0.74	N	3.3	8	E
20260204.15	0.69	N	3.3	5	E
20260204.18	0.59	N	3.4	2	N
20260204.21	0.52	N	3.5	1	N
20260205.00	0.46	N	3.5	0	S
20260205.03	0.40	N	3.6	4	W
20260205.06	0.41	SW	3.1	7	W
20260205.09	0.46	S	2.6	6	SW
20260205.12	0.50	SW	2.7	5	SW
20260205.15	0.66	SW	3.0	10	S
20260205.18	0.96	SW	3.3	15	E
20260205.21	1.14	W	3.7	9	E
20260206.00	0.98	W	3.9	4	E
20260206.03	0.79	W	4.2	3	NE
20260206.06	0.72	SW	4.3	3	NW
20260206.09	0.78	SW	3.9	8	W
20260206.12	1.08	SW	3.8	12	W
20260206.15	1.13	SW	4.0	7	W
20260206.18	1.00	SW	4.1	0	NW
20260206.21	0.99	SW	4.3	3	N
20260207.00	0.93	SW	4.5	5	N
20260207.03	0.85	SW	4.6	6	N
20260207.06	0.83	SW	4.2	6	N
20260207.09	0.81	SW	3.9	6	SW
20260207.12	0.73	SW	3.8	5	SW

Wind condition in the Fort-Shevchenko

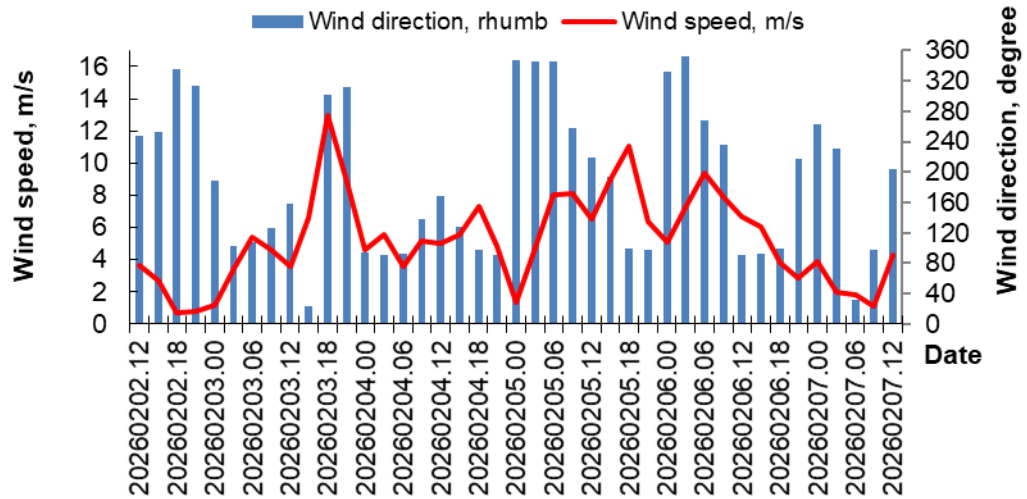


Wave condition in the Fort-Shevchenko

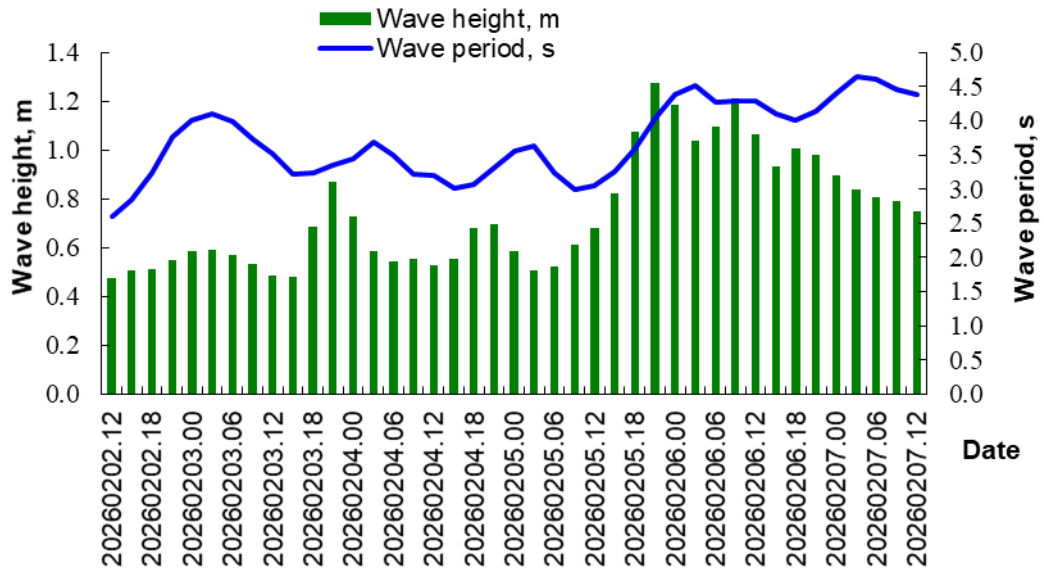


Date time	Fort-Shevchenko				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260202.12	0.47	S	2.4	5	W
20260202.15	0.53	S	2.8	3	W
20260202.18	0.54	S	3.1	1	W
20260202.21	0.49	S	3.5	1	SW
20260203.00	0.49	S	3.8	1	E
20260203.03	0.50	S	3.9	3	S
20260203.06	0.52	S	3.6	7	S
20260203.09	0.53	S	3.3	4	E
20260203.12	0.50	S	3.4	2	SE
20260203.15	0.49	S	3.3	4	W
20260203.18	0.60	SE	3.3	10	NW
20260203.21	0.72	SE	3.3	8	W
20260204.00	0.67	SE	3.4	6	E
20260204.03	0.61	SE	3.5	6	SE
20260204.06	0.58	SE	3.6	7	S
20260204.09	0.64	NW	3.2	8	SE
20260204.12	0.69	N	3.2	7	S
20260204.15	0.63	N	3.2	4	SE
20260204.18	0.57	NW	3.2	4	S
20260204.21	0.55	W	3.3	3	S
20260205.00	0.48	W	3.4	2	N
20260205.03	0.42	W	3.5	5	N
20260205.06	0.44	SW	3.0	8	N
20260205.09	0.51	S	2.7	6	W
20260205.12	0.53	S	2.8	4	S
20260205.15	0.66	SW	3.0	10	S
20260205.18	0.96	SW	3.3	15	E
20260205.21	1.20	W	3.8	9	E
20260206.00	1.09	W	4.0	4	E
20260206.03	0.85	W	4.3	3	NE
20260206.06	0.79	SW	4.3	3	NW
20260206.09	0.86	SW	4.1	8	W
20260206.12	0.84	SW	4.1	12	W
20260206.15	0.85	SW	4.1	7	W
20260206.18	0.97	SW	4.1	0	NW
20260206.21	0.99	SW	4.3	3	N
20260207.00	0.91	SW	4.5	5	N
20260207.03	0.84	SW	4.7	6	N
20260207.06	0.79	SW	4.6	6	N
20260207.09	0.76	SW	4.3	6	SW
20260207.12	0.72	SW	4.0	5	SW

Wind condition in the Aktau

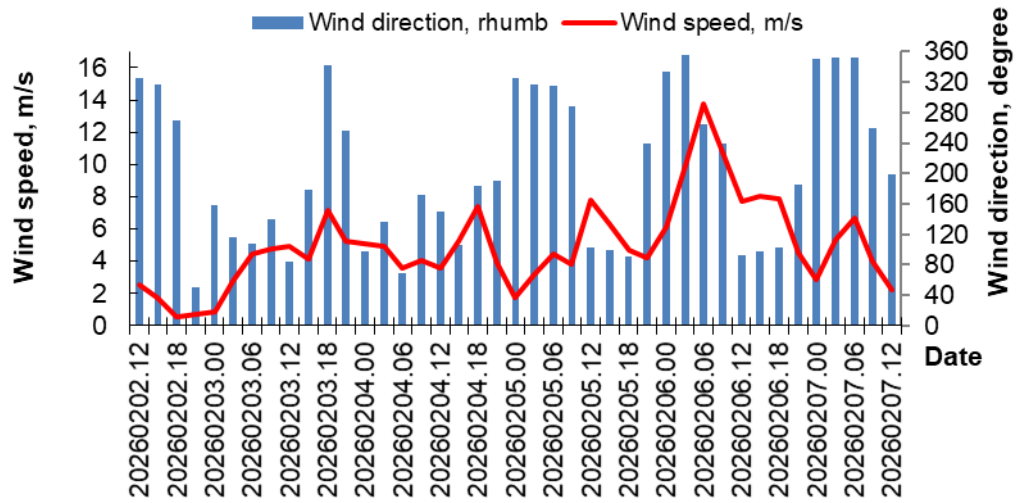


Wave condition in the Aktau

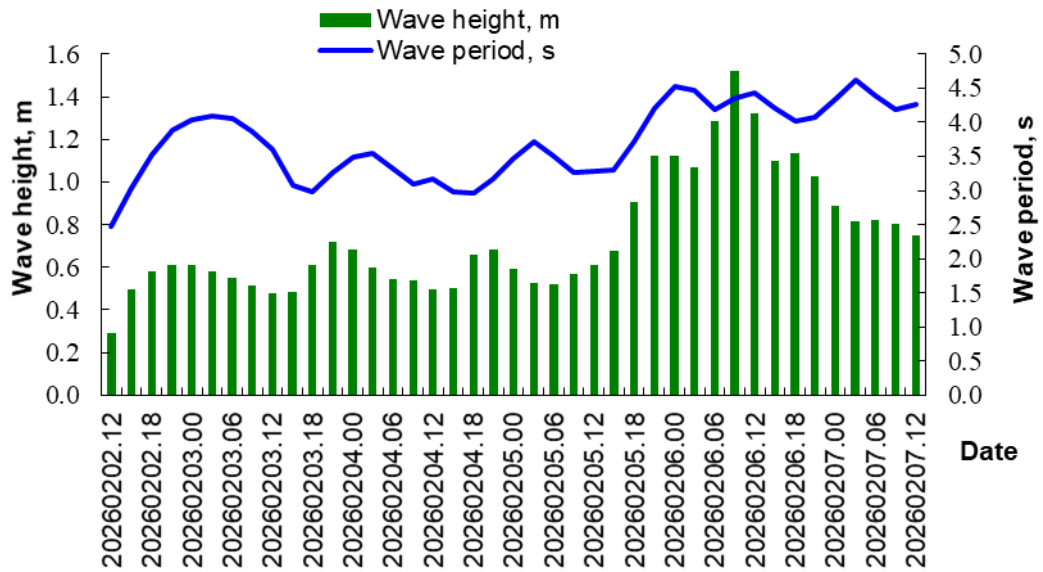


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260202.12	0.47	S	2.6	4	W
20260202.15	0.51	S	2.8	3	W
20260202.18	0.51	S	3.2	1	NW
20260202.21	0.55	S	3.8	1	NW
20260203.00	0.59	S	4.0	1	S
20260203.03	0.59	S	4.1	3	E
20260203.06	0.57	S	4.0	5	E
20260203.09	0.53	S	3.7	5	SE
20260203.12	0.49	S	3.5	4	S
20260203.15	0.48	SW	3.2	7	NE
20260203.18	0.69	SE	3.2	13	NW
20260203.21	0.87	SE	3.4	9	NW
20260204.00	0.73	SE	3.4	5	E
20260204.03	0.59	SE	3.7	6	E
20260204.06	0.54	SE	3.5	4	E
20260204.09	0.55	SW	3.2	5	SE
20260204.12	0.53	NW	3.2	5	S
20260204.15	0.56	NW	3.0	6	SE
20260204.18	0.68	NW	3.1	7	E
20260204.21	0.70	W	3.3	5	E
20260205.00	0.59	NW	3.6	1	N
20260205.03	0.50	NW	3.6	5	N
20260205.06	0.52	W	3.2	8	N
20260205.09	0.61	SW	3.0	8	W
20260205.12	0.68	SW	3.0	7	SW
20260205.15	0.82	SW	3.3	9	S
20260205.18	1.07	SW	3.6	11	E
20260205.21	1.27	W	4.0	6	E
20260206.00	1.19	W	4.4	5	NW
20260206.03	1.04	SW	4.5	7	N
20260206.06	1.10	SW	4.3	9	W
20260206.09	1.21	SW	4.3	8	SW
20260206.12	1.06	SW	4.3	7	E
20260206.15	0.93	SW	4.1	6	E
20260206.18	1.01	W	4.0	4	E
20260206.21	0.98	W	4.1	3	SW
20260207.00	0.89	W	4.4	4	W
20260207.03	0.84	W	4.7	2	SW
20260207.06	0.81	SW	4.6	2	NE
20260207.09	0.79	SW	4.5	1	E
20260207.12	0.75	SW	4.4	4	SW

Wind condition in the Peschanyi

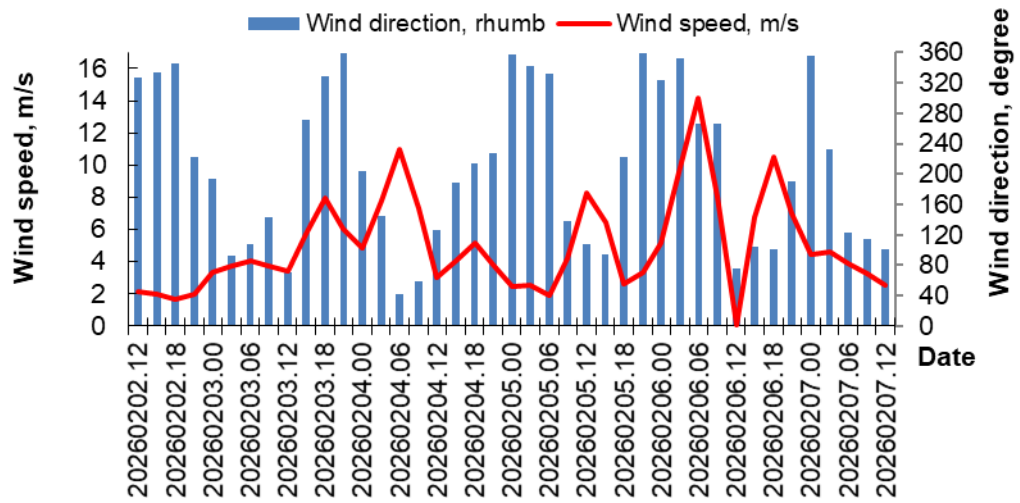


Wave condition in the Peschanyi

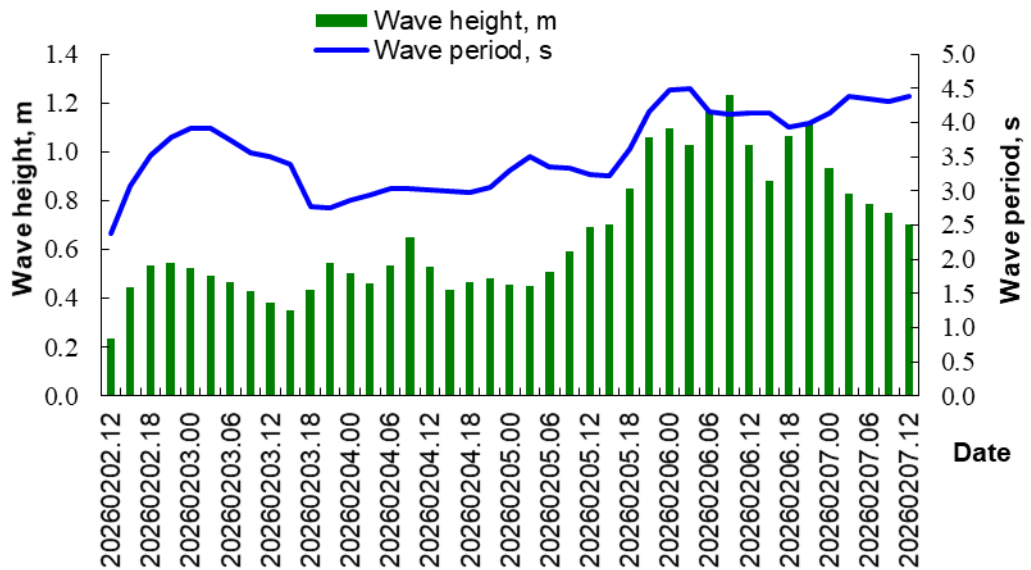


Date time	Peschanyi (Isan)				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260202.12	0.29	SE	2.5	3	NW
20260202.15	0.49	S	3.0	2	NW
20260202.18	0.58	SE	3.5	1	W
20260202.21	0.61	SE	3.9	1	NE
20260203.00	0.61	SE	4.0	1	S
20260203.03	0.58	S	4.1	3	SE
20260203.06	0.55	S	4.1	4	E
20260203.09	0.51	S	3.9	5	SE
20260203.12	0.48	S	3.6	5	E
20260203.15	0.49	SW	3.1	4	S
20260203.18	0.61	S	3.0	7	N
20260203.21	0.72	SE	3.3	5	W
20260204.00	0.68	SE	3.5	5	E
20260204.03	0.60	SE	3.5	5	SE
20260204.06	0.55	SE	3.3	4	E
20260204.09	0.54	S	3.1	4	S
20260204.12	0.50	W	3.2	4	SE
20260204.15	0.50	NW	3.0	5	E
20260204.18	0.66	NW	3.0	7	S
20260204.21	0.68	W	3.2	4	S
20260205.00	0.59	NW	3.5	2	NW
20260205.03	0.52	NW	3.7	3	NW
20260205.06	0.52	NW	3.5	4	NW
20260205.09	0.57	W	3.3	4	W
20260205.12	0.61	W	3.3	8	E
20260205.15	0.68	W	3.3	6	E
20260205.18	0.91	W	3.7	5	E
20260205.21	1.12	W	4.2	4	SW
20260206.00	1.12	W	4.5	6	NW
20260206.03	1.07	W	4.5	10	N
20260206.06	1.28	SW	4.2	14	W
20260206.09	1.52	SW	4.4	11	SW
20260206.12	1.32	SW	4.4	8	E
20260206.15	1.10	SW	4.2	8	E
20260206.18	1.13	W	4.0	8	E
20260206.21	1.02	W	4.1	5	S
20260207.00	0.89	W	4.3	3	N
20260207.03	0.82	W	4.6	5	N
20260207.06	0.82	SW	4.4	7	N
20260207.09	0.80	SW	4.2	4	W
20260207.12	0.75	SW	4.3	2	S

Wind condition in the Fetisovo

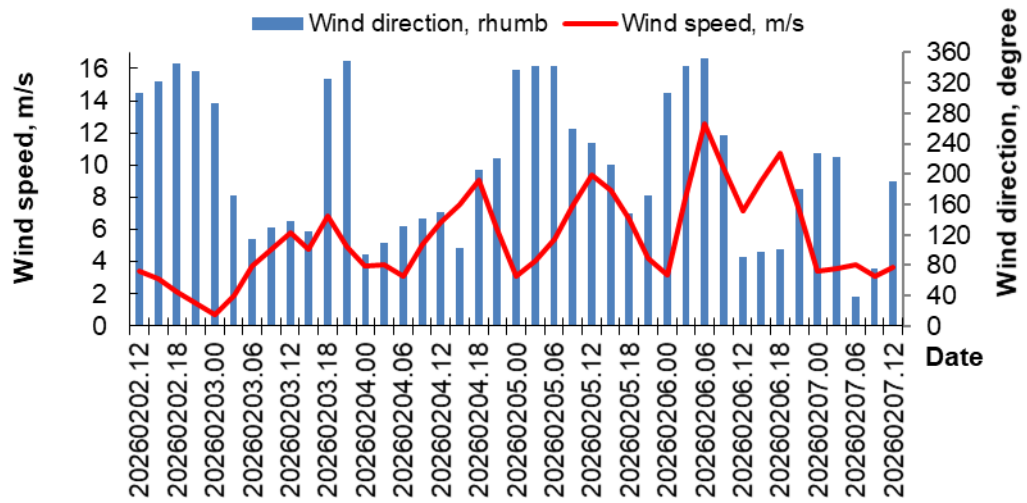


Wave condition in the Fetisovo

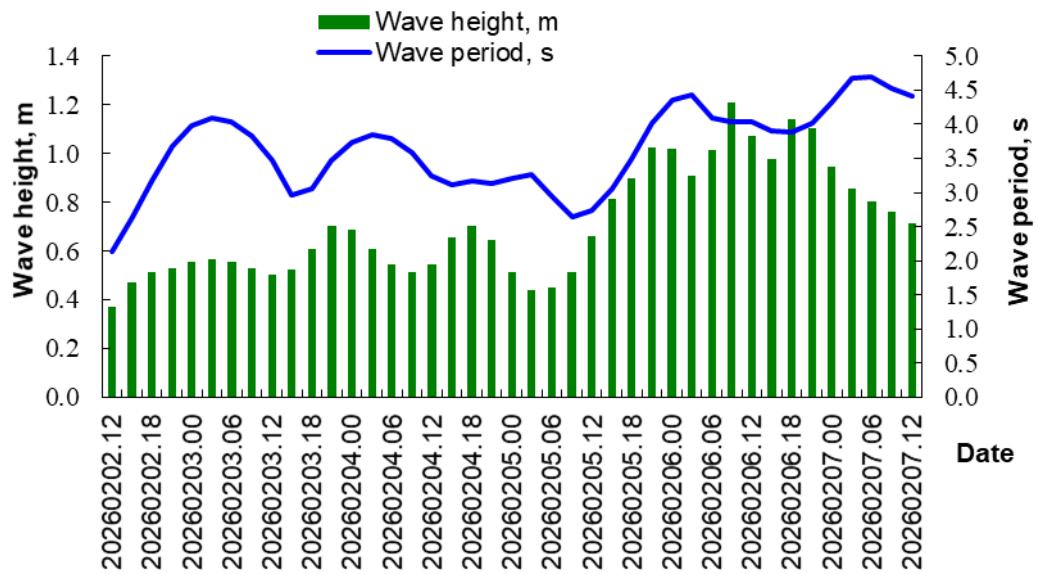


Date time	Fetisovo				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260202.12	0.23	SE	2.4	2	NW
20260202.15	0.44	SE	3.1	2	NW
20260202.18	0.53	SE	3.5	2	N
20260202.21	0.54	S	3.8	2	SW
20260203.00	0.52	S	3.9	3	S
20260203.03	0.49	S	3.9	4	E
20260203.06	0.46	SW	3.8	4	E
20260203.09	0.43	SW	3.6	4	SE
20260203.12	0.38	SW	3.5	3	E
20260203.15	0.35	SW	3.4	6	W
20260203.18	0.43	S	2.8	8	NW
20260203.21	0.54	SE	2.7	6	N
20260204.00	0.50	SE	2.9	5	SW
20260204.03	0.46	S	2.9	8	SE
20260204.06	0.53	NE	3.0	11	NE
20260204.09	0.65	NE	3.0	7	NE
20260204.12	0.53	NE	3.0	3	SE
20260204.15	0.44	N	3.0	4	S
20260204.18	0.47	N	3.0	5	SW
20260204.21	0.48	NW	3.0	4	SW
20260205.00	0.45	NW	3.3	2	N
20260205.03	0.45	NW	3.5	3	N
20260205.06	0.51	NW	3.4	2	NW
20260205.09	0.59	W	3.3	4	SE
20260205.12	0.69	W	3.2	8	E
20260205.15	0.70	W	3.2	6	E
20260205.18	0.85	W	3.6	3	SW
20260205.21	1.06	W	4.2	3	N
20260206.00	1.10	W	4.5	5	NW
20260206.03	1.03	W	4.5	10	N
20260206.06	1.16	SW	4.2	14	W
20260206.09	1.23	SW	4.1	8	W
20260206.12	1.03	SW	4.1	0	E
20260206.15	0.88	SW	4.1	7	E
20260206.18	1.07	W	3.9	11	E
20260206.21	1.11	W	4.0	7	S
20260207.00	0.94	W	4.1	4	N
20260207.03	0.83	W	4.4	5	SW
20260207.06	0.79	W	4.4	4	SE
20260207.09	0.75	W	4.3	3	SE
20260207.12	0.70	W	4.4	3	E

Wind condition in the Saura

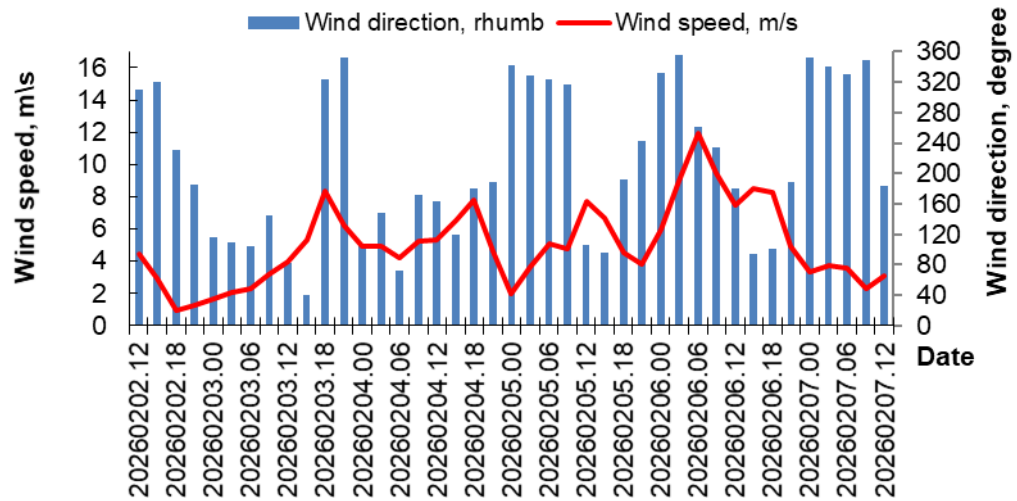


Wave condition in the Saura

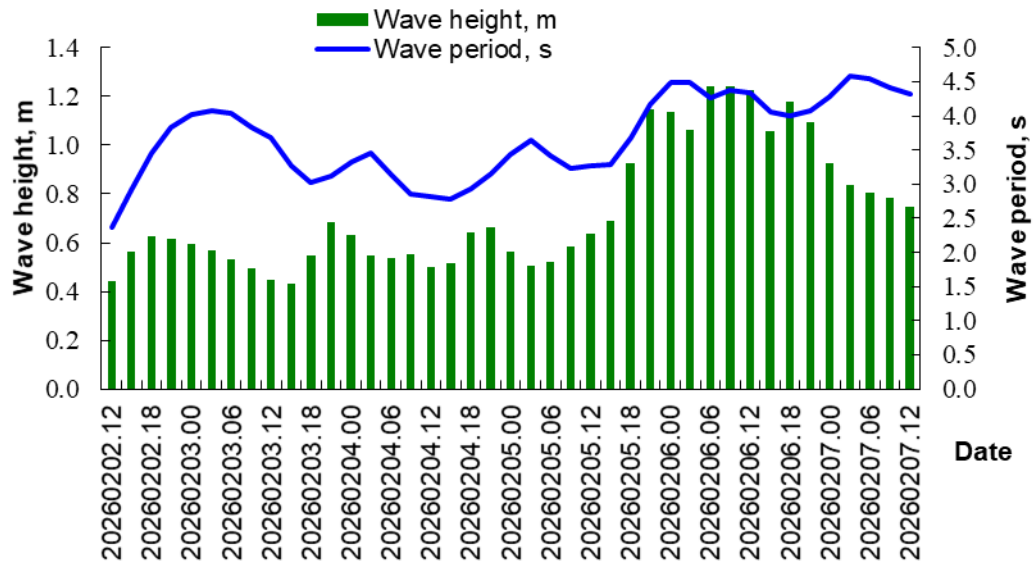


Date time	Saura				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260202.12	0.37	SE	2.1	3	NW
20260202.15	0.47	SE	2.6	3	NW
20260202.18	0.51	S	3.2	2	N
20260202.21	0.53	S	3.7	1	NW
20260203.00	0.56	S	4.0	1	NW
20260203.03	0.57	S	4.1	2	S
20260203.06	0.55	S	4.0	4	SE
20260203.09	0.53	S	3.8	5	SE
20260203.12	0.50	S	3.5	6	SE
20260203.15	0.53	SW	3.0	5	SE
20260203.18	0.61	S	3.1	7	NW
20260203.21	0.70	SE	3.5	5	N
20260204.00	0.69	SE	3.7	4	E
20260204.03	0.61	SE	3.8	4	E
20260204.06	0.55	SE	3.8	3	SE
20260204.09	0.51	SE	3.6	5	SE
20260204.12	0.55	N	3.2	6	SE
20260204.15	0.66	NW	3.1	8	E
20260204.18	0.70	NW	3.2	9	SW
20260204.21	0.64	W	3.1	6	SW
20260205.00	0.51	W	3.2	3	N
20260205.03	0.44	NW	3.3	4	N
20260205.06	0.45	W	2.9	5	N
20260205.09	0.51	SW	2.7	7	W
20260205.12	0.66	SW	2.7	9	SW
20260205.15	0.81	SW	3.1	8	SW
20260205.18	0.90	SW	3.5	7	SE
20260205.21	1.02	W	4.0	4	S
20260206.00	1.02	W	4.4	3	NW
20260206.03	0.91	W	4.4	8	N
20260206.06	1.01	SW	4.1	13	N
20260206.09	1.21	SW	4.0	10	W
20260206.12	1.07	SW	4.0	7	E
20260206.15	0.98	SW	3.9	9	E
20260206.18	1.14	W	3.9	11	E
20260206.21	1.11	W	4.0	7	S
20260207.00	0.95	W	4.3	3	SW
20260207.03	0.86	SW	4.7	4	SW
20260207.06	0.80	SW	4.7	4	NE
20260207.09	0.76	SW	4.5	3	E
20260207.12	0.71	SW	4.4	4	S

Wind condition in the Kuryik



Wave condition in the Kuryik



Date time	Kuryk				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260202.12	0.44	SE	2.4	4	NW
20260202.15	0.57	SE	2.9	3	NW
20260202.18	0.63	SE	3.5	1	SW
20260202.21	0.62	SE	3.8	1	S
20260203.00	0.60	S	4.0	2	SE
20260203.03	0.57	S	4.1	2	E
20260203.06	0.53	S	4.0	2	E
20260203.09	0.49	S	3.8	3	SE
20260203.12	0.45	S	3.7	4	E
20260203.15	0.43	SW	3.3	5	NE
20260203.18	0.55	SE	3.0	8	NW
20260203.21	0.68	SE	3.1	6	N
20260204.00	0.63	SE	3.3	5	E
20260204.03	0.55	SE	3.5	5	SE
20260204.06	0.54	SE	3.1	4	E
20260204.09	0.55	NE	2.9	5	S
20260204.12	0.50	N	2.8	5	S
20260204.15	0.52	NW	2.8	6	SE
20260204.18	0.64	NW	2.9	8	S
20260204.21	0.66	NW	3.2	5	S
20260205.00	0.56	NW	3.4	2	N
20260205.03	0.51	NW	3.6	4	NW
20260205.06	0.52	NW	3.4	5	NW
20260205.09	0.58	W	3.2	5	NW
20260205.12	0.64	W	3.3	8	E
20260205.15	0.69	W	3.3	7	E
20260205.18	0.92	W	3.7	5	S
20260205.21	1.14	W	4.2	4	SW
20260206.00	1.14	W	4.5	6	NW
20260206.03	1.06	W	4.5	9	N
20260206.06	1.24	SW	4.3	12	W
20260206.09	1.24	SW	4.4	9	SW
20260206.12	1.22	SW	4.3	8	S
20260206.15	1.06	SW	4.1	9	E
20260206.18	1.18	W	4.0	8	E
20260206.21	1.09	W	4.1	5	S
20260207.00	0.92	W	4.3	3	N
20260207.03	0.84	W	4.6	4	N
20260207.06	0.81	W	4.6	4	NW
20260207.09	0.78	SW	4.4	2	N
20260207.12	0.75	SW	4.3	3	S

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

Compiled by: Zhagparova N.N.

Checked by: Shishkina G.M.

RSE «Kazhydromet» – Caspian Sea Hydrometeorological Research Department

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