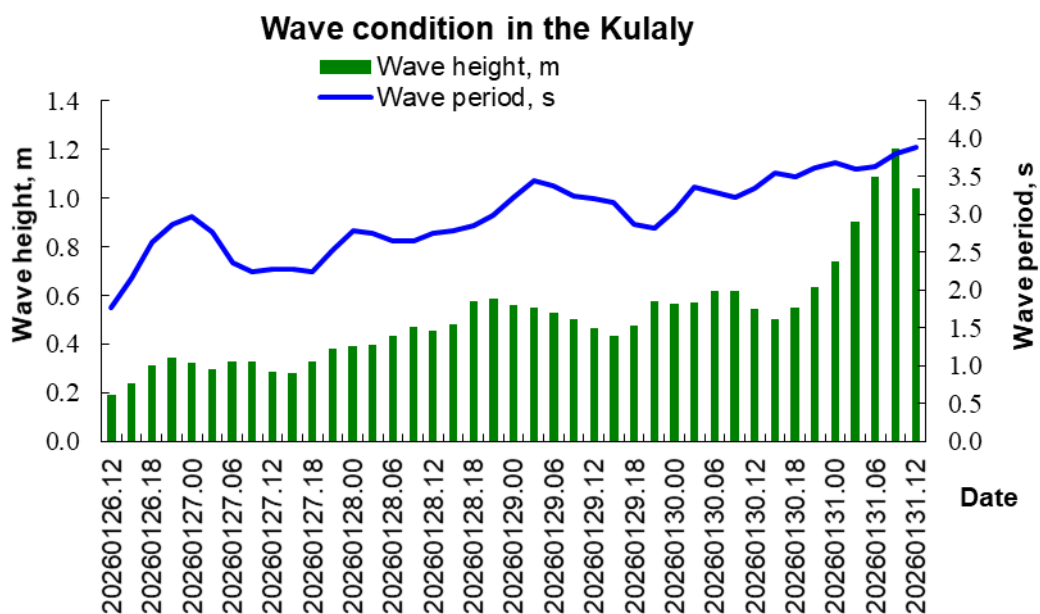
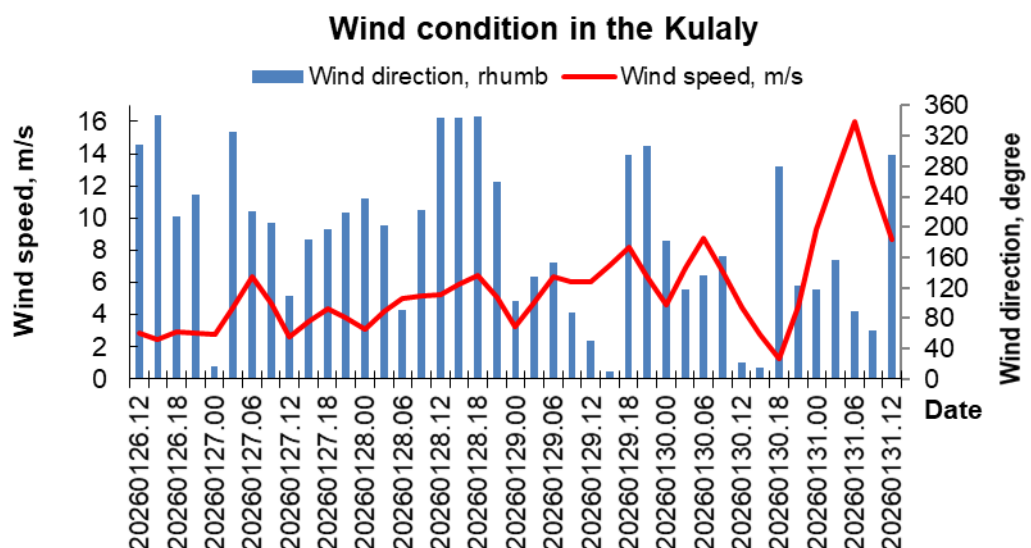




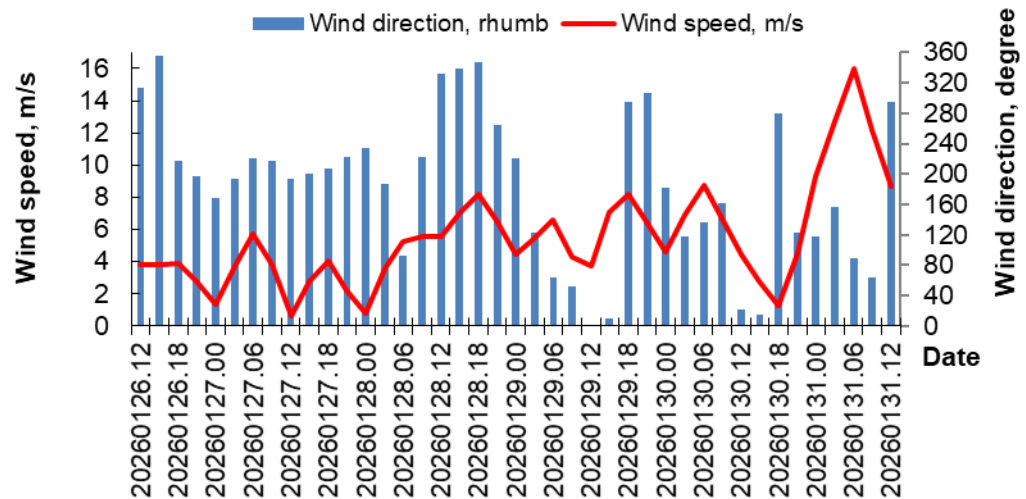
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance
using SWAN spectral model for the period January 26 – 31, 2026 .**

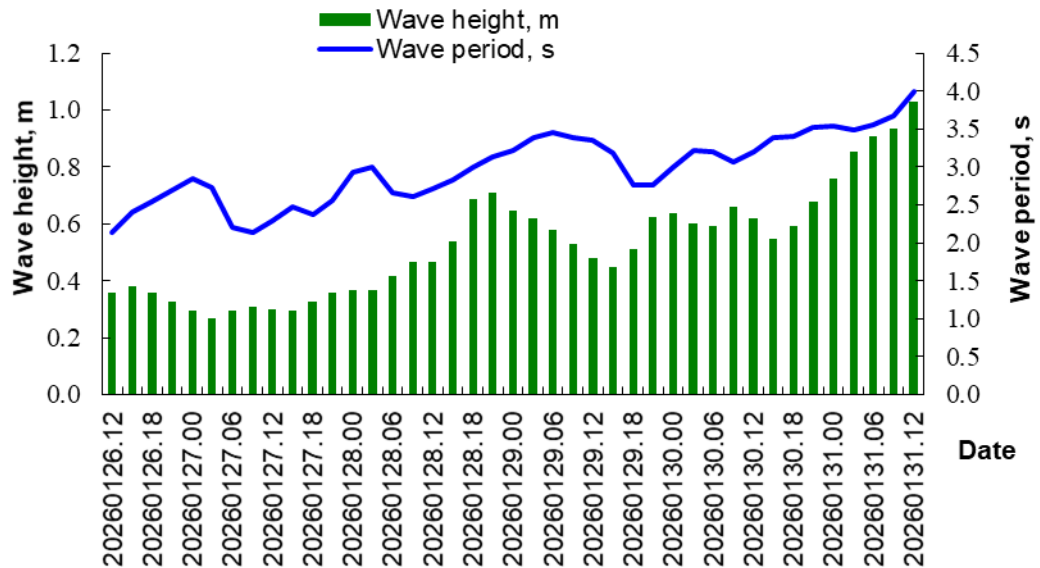


Date time	Kulaly				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260126.12	0.19	SE	1.8	3	NW
20260126.15	0.24	SE	2.2	2	N
20260126.18	0.31	S	2.6	3	SW
20260126.21	0.35	S	2.9	3	SW
20260127.00	0.33	S	3.0	3	N
20260127.03	0.30	S	2.8	4	NW
20260127.06	0.33	S	2.4	6	SW
20260127.09	0.33	SW	2.2	5	SW
20260127.12	0.29	SW	2.3	3	E
20260127.15	0.28	SW	2.3	4	S
20260127.18	0.33	SW	2.2	4	S
20260127.21	0.38	SW	2.5	4	SW
20260128.00	0.39	SW	2.8	3	SW
20260128.03	0.40	SW	2.8	4	SW
20260128.06	0.44	SW	2.6	5	E
20260128.09	0.47	SW	2.7	5	SW
20260128.12	0.46	SW	2.7	5	N
20260128.15	0.48	SW	2.8	6	N
20260128.18	0.57	S	2.9	6	N
20260128.21	0.59	S	3.0	5	W
20260129.00	0.56	S	3.2	3	E
20260129.03	0.55	S	3.4	5	SE
20260129.06	0.53	SW	3.4	6	SE
20260129.09	0.51	SW	3.2	6	E
20260129.12	0.47	SW	3.2	6	NE
20260129.15	0.43	SW	3.2	7	N
20260129.18	0.48	S	2.9	8	NW
20260129.21	0.58	SE	2.8	6	NW
20260130.00	0.57	S	3.1	5	S
20260130.03	0.57	S	3.4	7	SE
20260130.06	0.62	SW	3.3	9	SE
20260130.09	0.62	W	3.2	7	S
20260130.12	0.55	W	3.4	4	N
20260130.15	0.50	SW	3.5	3	N
20260130.18	0.55	S	3.5	1	W
20260130.21	0.63	SE	3.6	5	SE
20260131.00	0.74	S	3.7	9	SE
20260131.03	0.91	W	3.6	13	SE
20260131.06	1.09	NW	3.6	16	E
20260131.09	1.21	N	3.8	12	NE
20260131.12	1.04	N	3.9	9	NW

Wind condition in the Fort-Shevchenko

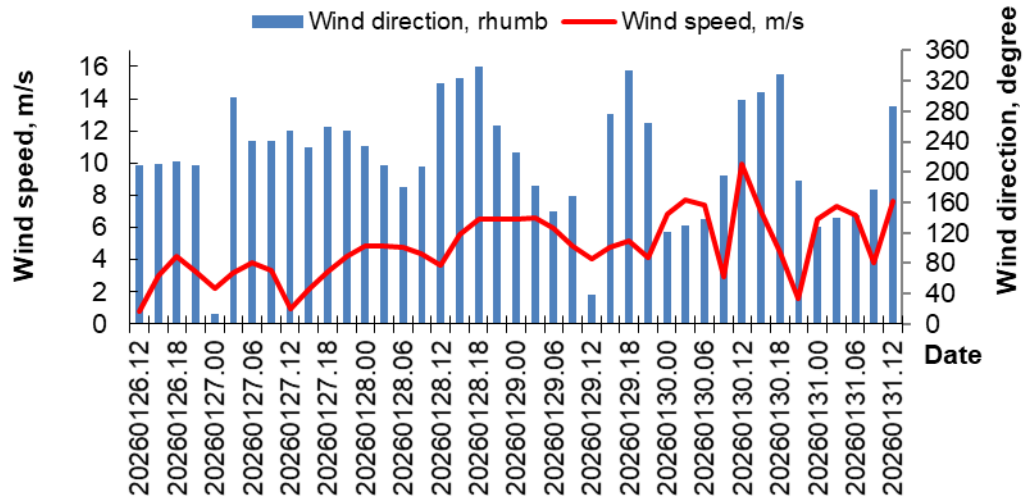


Wave condition in the Fort-Shevchenko

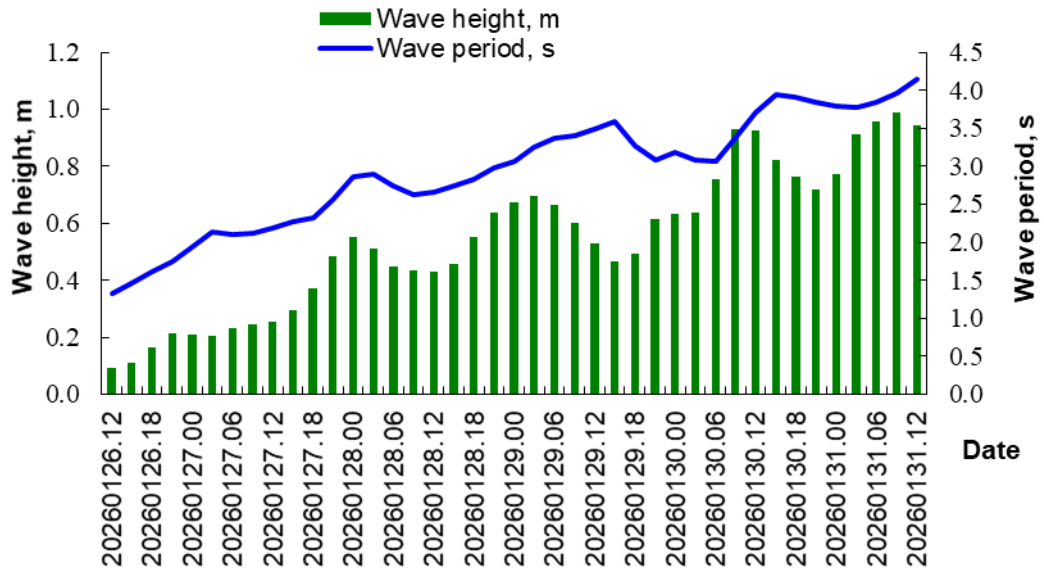


Date time	Fort-Shevchenko				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260126.12	0.36	SE	2.1	4	NW
20260126.15	0.38	SE	2.4	4	N
20260126.18	0.36	SE	2.5	4	SW
20260126.21	0.33	S	2.7	3	S
20260127.00	0.30	S	2.8	1	S
20260127.03	0.27	SW	2.7	4	S
20260127.06	0.30	SW	2.2	6	SW
20260127.09	0.31	SW	2.1	4	SW
20260127.12	0.30	SW	2.3	1	S
20260127.15	0.30	SW	2.5	3	S
20260127.18	0.33	SW	2.4	4	SW
20260127.21	0.36	SW	2.6	2	SW
20260128.00	0.37	SW	2.9	1	SW
20260128.03	0.37	SW	3.0	4	S
20260128.06	0.42	SW	2.7	5	E
20260128.09	0.47	SW	2.6	6	SW
20260128.12	0.47	SW	2.7	6	NW
20260128.15	0.54	S	2.8	7	N
20260128.18	0.69	S	3.0	8	N
20260128.21	0.71	S	3.1	6	W
20260129.00	0.64	S	3.2	4	SW
20260129.03	0.62	SW	3.4	5	SE
20260129.06	0.58	SW	3.5	7	NE
20260129.09	0.53	SW	3.4	4	NE
20260129.12	0.48	SW	3.4	4	N
20260129.15	0.45	SW	3.2	7	N
20260129.18	0.51	S	2.8	8	NW
20260129.21	0.63	S	2.8	6	NW
20260130.00	0.64	S	3.0	5	S
20260130.03	0.60	S	3.2	7	SE
20260130.06	0.59	SW	3.2	9	SE
20260130.09	0.66	W	3.1	7	S
20260130.12	0.62	W	3.2	4	N
20260130.15	0.55	SW	3.4	3	N
20260130.18	0.59	S	3.4	1	W
20260130.21	0.68	SE	3.5	5	SE
20260131.00	0.76	SE	3.5	9	SE
20260131.03	0.86	W	3.5	13	SE
20260131.06	0.91	NW	3.6	16	E
20260131.09	0.94	NW	3.7	12	NE
20260131.12	1.03	NE	4.0	9	NW

Wind condition in the Aktau

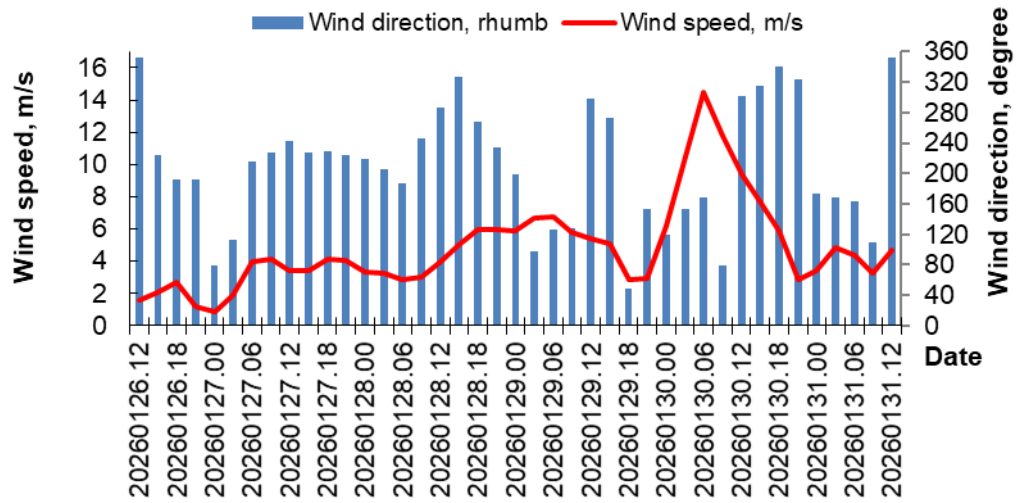


Wave condition in the Aktau

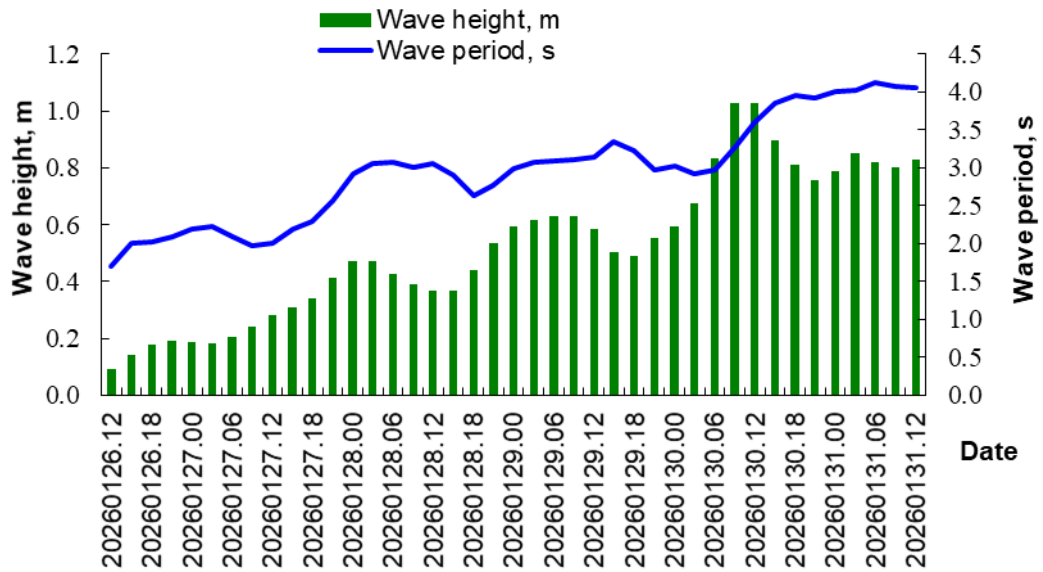


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260126.12	0.09	W	1.3	1	SW
20260126.15	0.11	W	1.5	3	SW
20260126.18	0.17	SW	1.6	4	SW
20260126.21	0.21	SW	1.8	3	SW
20260127.00	0.21	SW	1.9	2	N
20260127.03	0.21	S	2.1	3	NW
20260127.06	0.23	S	2.1	4	SW
20260127.09	0.24	SW	2.1	3	SW
20260127.12	0.26	SW	2.2	1	W
20260127.15	0.29	SW	2.3	2	SW
20260127.18	0.37	SW	2.3	3	W
20260127.21	0.48	SW	2.6	4	W
20260128.00	0.55	SW	2.9	5	SW
20260128.03	0.51	SW	2.9	5	SW
20260128.06	0.45	SW	2.8	5	S
20260128.09	0.44	SW	2.6	4	SW
20260128.12	0.43	SW	2.7	4	NW
20260128.15	0.46	SW	2.8	6	NW
20260128.18	0.55	S	2.8	7	N
20260128.21	0.64	S	3.0	7	W
20260129.00	0.67	S	3.1	7	SW
20260129.03	0.70	SW	3.3	7	S
20260129.06	0.66	SW	3.4	6	SE
20260129.09	0.60	SW	3.4	5	S
20260129.12	0.53	SW	3.5	4	NE
20260129.15	0.47	SW	3.6	5	W
20260129.18	0.49	SW	3.3	5	NW
20260129.21	0.61	S	3.1	4	W
20260130.00	0.63	S	3.2	7	SE
20260130.03	0.64	SW	3.1	8	SE
20260130.06	0.75	W	3.1	7	SE
20260130.09	0.93	NW	3.4	3	S
20260130.12	0.92	NW	3.7	10	NW
20260130.15	0.82	NW	4.0	7	NW
20260130.18	0.76	SE	3.9	4	NW
20260130.21	0.72	SE	3.8	2	S
20260131.00	0.77	N	3.8	7	SE
20260131.03	0.91	NW	3.8	7	SE
20260131.06	0.96	NW	3.8	7	SE
20260131.09	0.99	NW	4.0	4	S
20260131.12	0.94	NW	4.2	8	W

Wind condition in the Peschanyi

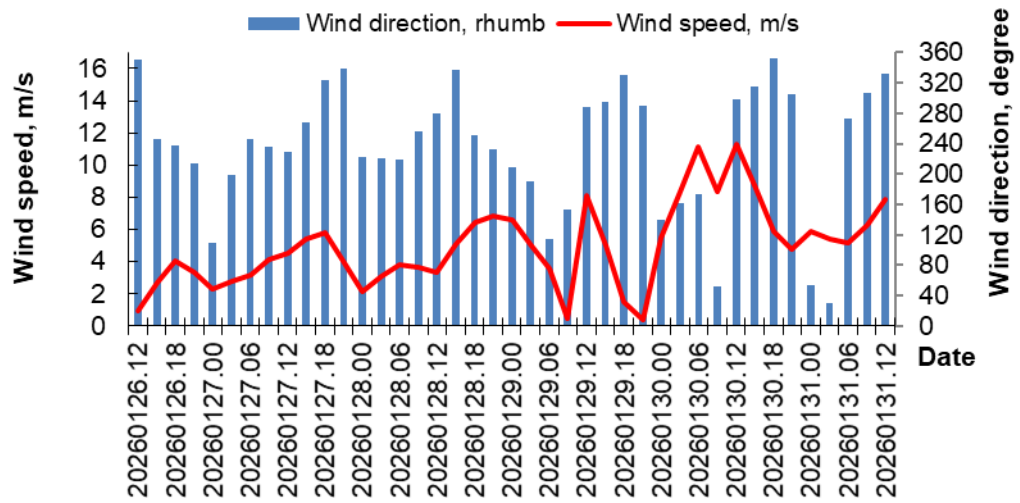


Wave condition in the Peschanyi

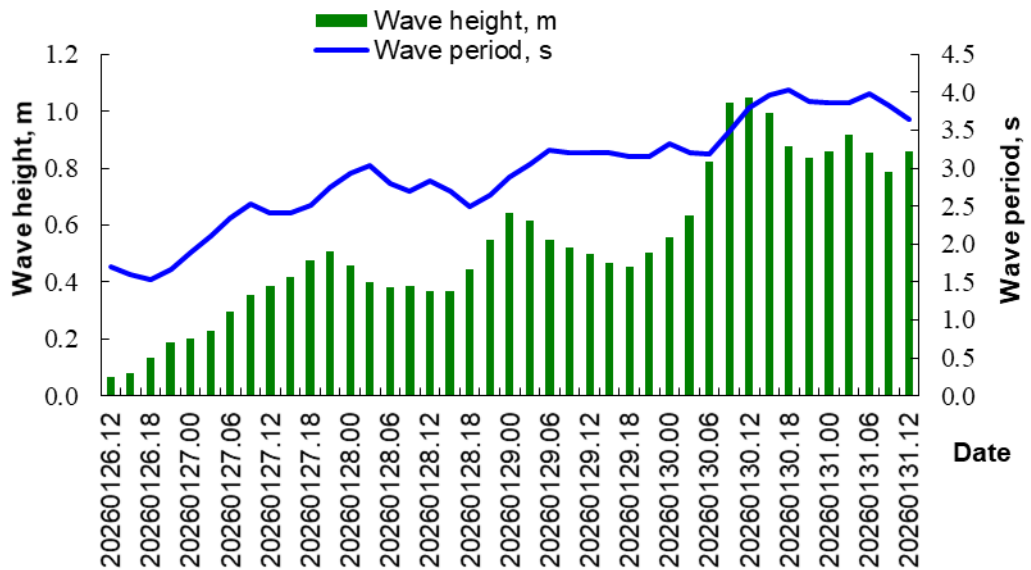


Date time	Peschanyi (Isan)				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260126.12	0.09	S	1.7	2	N
20260126.15	0.14	SE	2.0	2	SW
20260126.18	0.18	SE	2.0	3	S
20260126.21	0.19	SE	2.1	1	S
20260127.00	0.19	SE	2.2	1	E
20260127.03	0.18	SE	2.2	2	SE
20260127.06	0.20	SW	2.1	4	SW
20260127.09	0.24	SW	2.0	4	SW
20260127.12	0.28	SW	2.0	3	SW
20260127.15	0.31	SW	2.2	3	SW
20260127.18	0.34	SW	2.3	4	SW
20260127.21	0.41	SW	2.6	4	SW
20260128.00	0.47	SW	2.9	3	SW
20260128.03	0.47	SW	3.1	3	SW
20260128.06	0.43	SW	3.1	3	S
20260128.09	0.39	SW	3.0	3	SW
20260128.12	0.37	SW	3.1	4	W
20260128.15	0.37	SW	2.9	5	NW
20260128.18	0.44	SW	2.6	6	W
20260128.21	0.54	S	2.8	6	SW
20260129.00	0.59	SW	3.0	6	S
20260129.03	0.62	SW	3.1	7	E
20260129.06	0.63	SW	3.1	7	SE
20260129.09	0.63	W	3.1	6	SE
20260129.12	0.59	W	3.1	5	NW
20260129.15	0.50	SW	3.3	5	W
20260129.18	0.49	SW	3.2	3	NE
20260129.21	0.55	S	3.0	3	SE
20260130.00	0.59	SW	3.0	6	SE
20260130.03	0.68	W	2.9	11	SE
20260130.06	0.84	NW	3.0	14	S
20260130.09	1.03	NW	3.3	12	E
20260130.12	1.03	NW	3.6	9	NW
20260130.15	0.90	NW	3.8	8	NW
20260130.18	0.81	S	4.0	6	N
20260130.21	0.76	SE	3.9	3	NW
20260131.00	0.79	SE	4.0	3	S
20260131.03	0.85	NW	4.0	5	S
20260131.06	0.82	NW	4.1	4	S
20260131.09	0.80	NW	4.1	3	E
20260131.12	0.83	NW	4.1	5	N

Wind condition in the Fetisovo

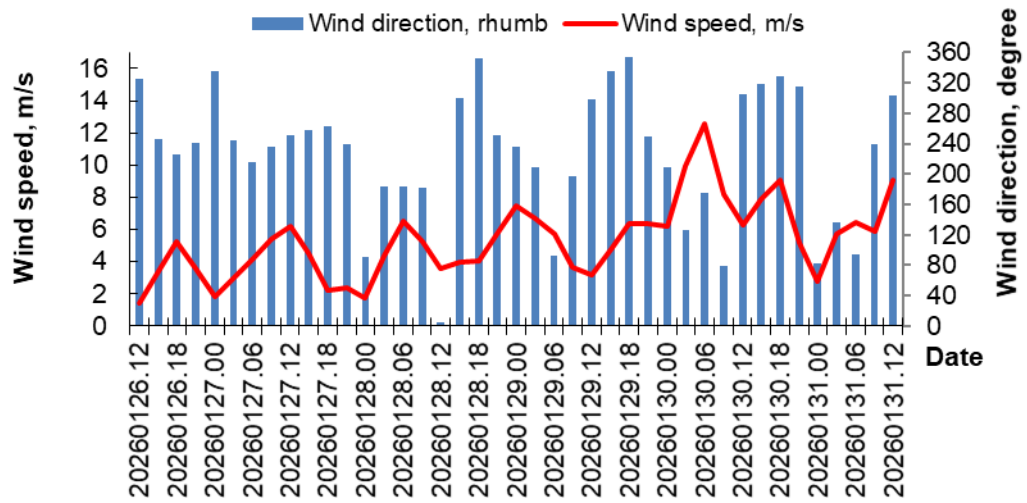


Wave condition in the Fetisovo

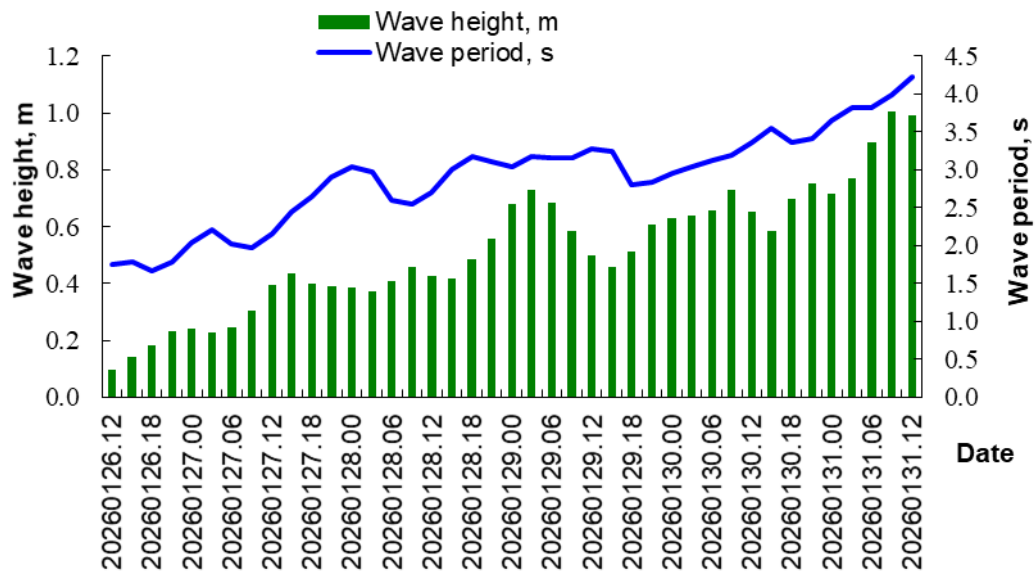


Date time	Fetisovo				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260126.12	0.07	S	1.7	1	N
20260126.15	0.08	S	1.6	3	SW
20260126.18	0.13	SW	1.5	4	SW
20260126.21	0.19	SW	1.7	3	SW
20260127.00	0.20	SW	1.9	2	E
20260127.03	0.23	SW	2.1	3	S
20260127.06	0.29	SW	2.3	3	SW
20260127.09	0.36	SW	2.5	4	SW
20260127.12	0.38	SW	2.4	5	SW
20260127.15	0.42	SW	2.4	5	W
20260127.18	0.47	SW	2.5	6	NW
20260127.21	0.51	SW	2.7	4	N
20260128.00	0.46	SW	2.9	2	SW
20260128.03	0.40	SW	3.0	3	SW
20260128.06	0.38	SW	2.8	4	SW
20260128.09	0.38	SW	2.7	4	W
20260128.12	0.37	SW	2.8	3	W
20260128.15	0.37	SW	2.7	5	NW
20260128.18	0.44	SW	2.5	6	W
20260128.21	0.55	SW	2.6	7	SW
20260129.00	0.64	SW	2.9	7	SW
20260129.03	0.61	SW	3.0	5	S
20260129.06	0.55	SW	3.2	4	SE
20260129.09	0.52	SW	3.2	0	SE
20260129.12	0.50	SW	3.2	8	W
20260129.15	0.47	SW	3.2	5	NW
20260129.18	0.45	SW	3.2	2	NW
20260129.21	0.50	S	3.2	0	W
20260130.00	0.56	SW	3.3	6	SE
20260130.03	0.63	W	3.2	8	S
20260130.06	0.82	NW	3.2	11	S
20260130.09	1.03	NW	3.5	8	NE
20260130.12	1.05	NW	3.8	11	NW
20260130.15	0.99	E	4.0	9	NW
20260130.18	0.88	SE	4.0	6	N
20260130.21	0.83	SE	3.9	5	NW
20260131.00	0.86	E	3.9	6	NE
20260131.03	0.92	N	3.9	5	NE
20260131.06	0.85	N	4.0	5	W
20260131.09	0.79	N	3.8	6	NW
20260131.12	0.86	E	3.6	8	NW

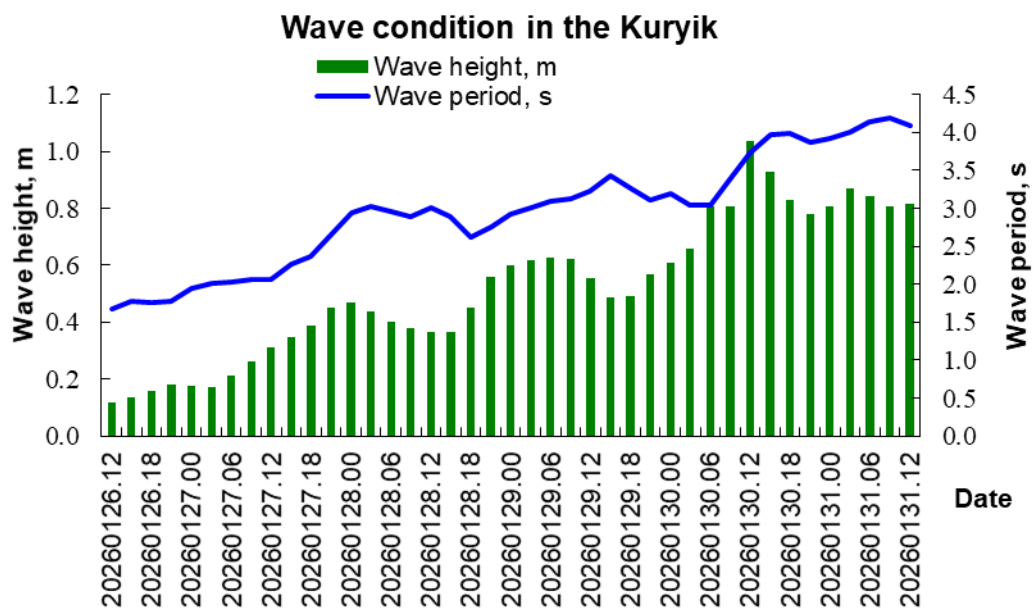
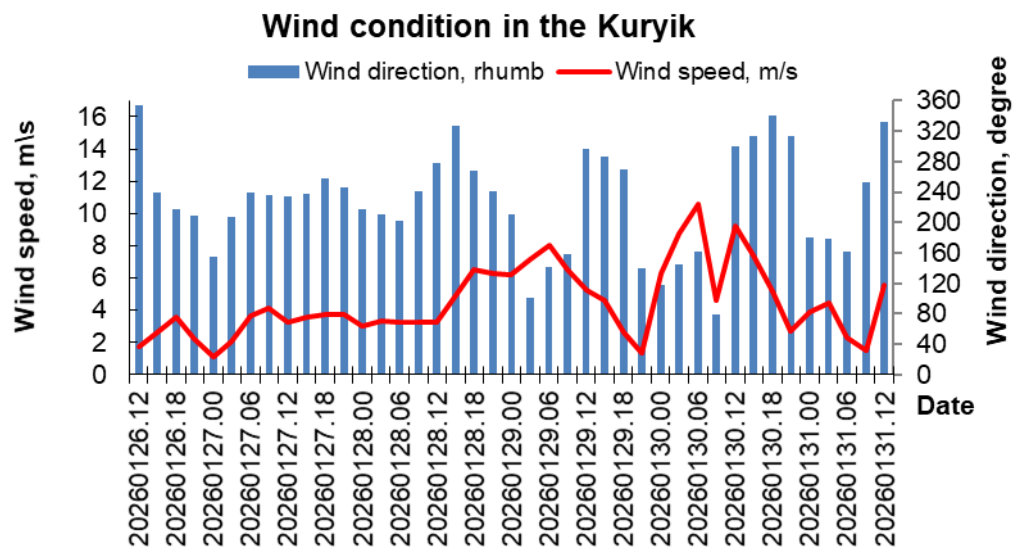
Wind condition in the Saura



Wave condition in the Saura



Date time	Saura				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260126.12	0.10	SE	1.7	1	NW
20260126.15	0.14	SE	1.8	3	SW
20260126.18	0.18	S	1.7	5	SW
20260126.21	0.23	SW	1.8	4	SW
20260127.00	0.24	SW	2.0	2	NW
20260127.03	0.23	SW	2.2	3	SW
20260127.06	0.25	SW	2.0	4	SW
20260127.09	0.31	SW	2.0	5	SW
20260127.12	0.40	SW	2.2	6	W
20260127.15	0.43	SW	2.4	5	W
20260127.18	0.40	SW	2.7	2	W
20260127.21	0.39	SW	2.9	2	SW
20260128.00	0.38	SW	3.0	2	E
20260128.03	0.37	SW	3.0	4	S
20260128.06	0.41	SW	2.6	7	S
20260128.09	0.46	SW	2.5	5	S
20260128.12	0.43	SW	2.7	4	N
20260128.15	0.42	SW	3.0	4	NW
20260128.18	0.48	S	3.2	4	N
20260128.21	0.56	S	3.1	6	W
20260129.00	0.68	S	3.0	7	SW
20260129.03	0.73	SW	3.2	7	SW
20260129.06	0.68	SW	3.2	6	E
20260129.09	0.59	SW	3.2	4	S
20260129.12	0.50	SW	3.3	3	NW
20260129.15	0.46	SW	3.2	5	NW
20260129.18	0.51	S	2.8	6	N
20260129.21	0.61	S	2.8	6	W
20260130.00	0.63	S	3.0	6	SW
20260130.03	0.64	SW	3.0	10	SE
20260130.06	0.66	W	3.1	13	S
20260130.09	0.73	NW	3.2	8	E
20260130.12	0.65	NW	3.4	6	NW
20260130.15	0.59	NW	3.5	8	NW
20260130.18	0.70	SE	3.4	9	NW
20260130.21	0.75	SE	3.4	5	NW
20260131.00	0.72	SE	3.6	3	E
20260131.03	0.77	SW	3.8	6	SE
20260131.06	0.90	NW	3.8	6	E
20260131.09	1.01	NW	4.0	6	SW
20260131.12	0.99	NW	4.2	9	NW



Date time	Kuryk				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260126.12	0.12	S	1.7	2	N
20260126.15	0.14	SE	1.8	3	SW
20260126.18	0.16	SE	1.8	4	SW
20260126.21	0.18	SE	1.8	2	SW
20260127.00	0.18	S	1.9	1	SE
20260127.03	0.17	S	2.0	2	SW
20260127.06	0.21	SW	2.0	4	SW
20260127.09	0.26	SW	2.1	4	SW
20260127.12	0.31	SW	2.1	3	SW
20260127.15	0.35	SW	2.3	4	SW
20260127.18	0.39	SW	2.4	4	W
20260127.21	0.45	SW	2.7	4	SW
20260128.00	0.47	SW	2.9	3	SW
20260128.03	0.44	SW	3.0	3	SW
20260128.06	0.40	SW	3.0	3	S
20260128.09	0.38	SW	2.9	3	SW
20260128.12	0.36	SW	3.0	3	W
20260128.15	0.37	SW	2.9	5	NW
20260128.18	0.45	SW	2.6	6	W
20260128.21	0.56	S	2.8	6	SW
20260129.00	0.60	SW	2.9	6	SW
20260129.03	0.62	SW	3.0	7	E
20260129.06	0.63	SW	3.1	8	SE
20260129.09	0.62	W	3.1	7	S
20260129.12	0.55	W	3.2	5	NW
20260129.15	0.49	SW	3.4	5	W
20260129.18	0.49	SW	3.3	3	W
20260129.21	0.57	S	3.1	1	SE
20260130.00	0.61	S	3.2	6	SE
20260130.03	0.66	W	3.0	9	SE
20260130.06	0.81	NW	3.0	11	S
20260130.09	0.81	NW	3.4	5	E
20260130.12	1.04	NW	3.7	9	NW
20260130.15	0.93	NW	4.0	7	NW
20260130.18	0.83	SE	4.0	5	N
20260130.21	0.78	SE	3.9	3	NW
20260131.00	0.81	SE	3.9	4	S
20260131.03	0.87	NW	4.0	4	S
20260131.06	0.84	NW	4.1	2	S
20260131.09	0.81	NW	4.2	1	W
20260131.12	0.82	NW	4.1	6	NW

**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

Phone. (717)2 79 83 12; E-mail: ugmikm@meteo.kz