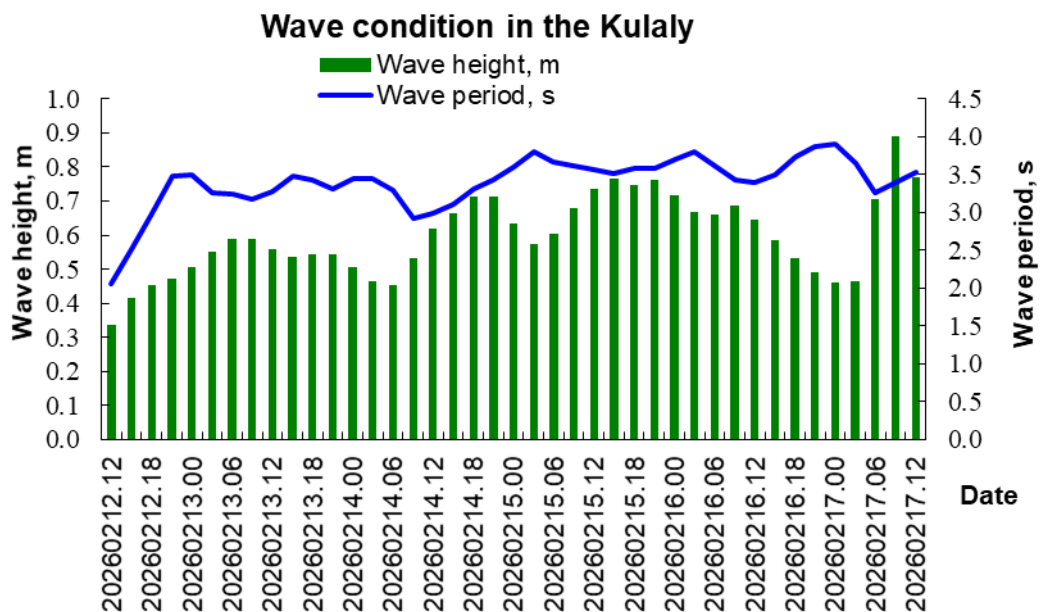
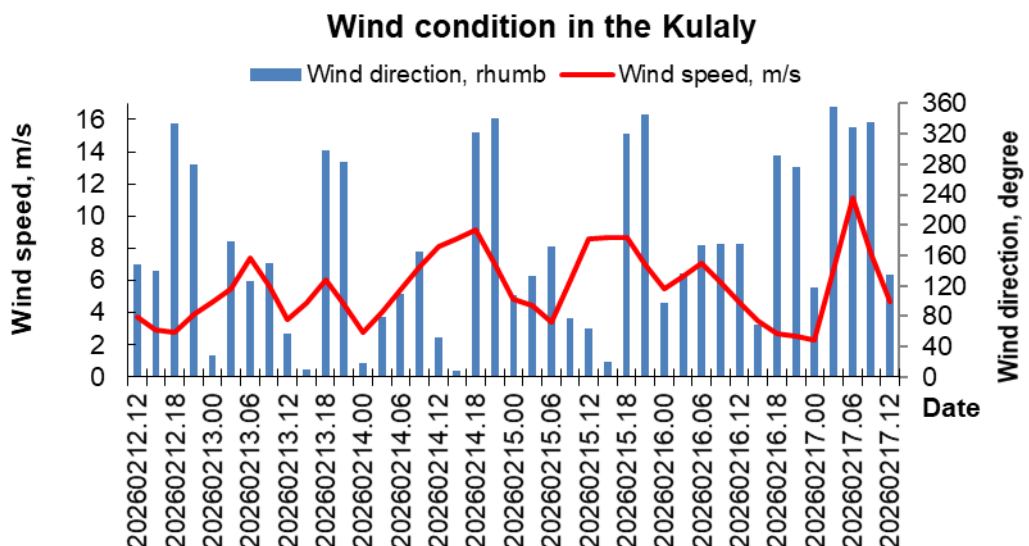




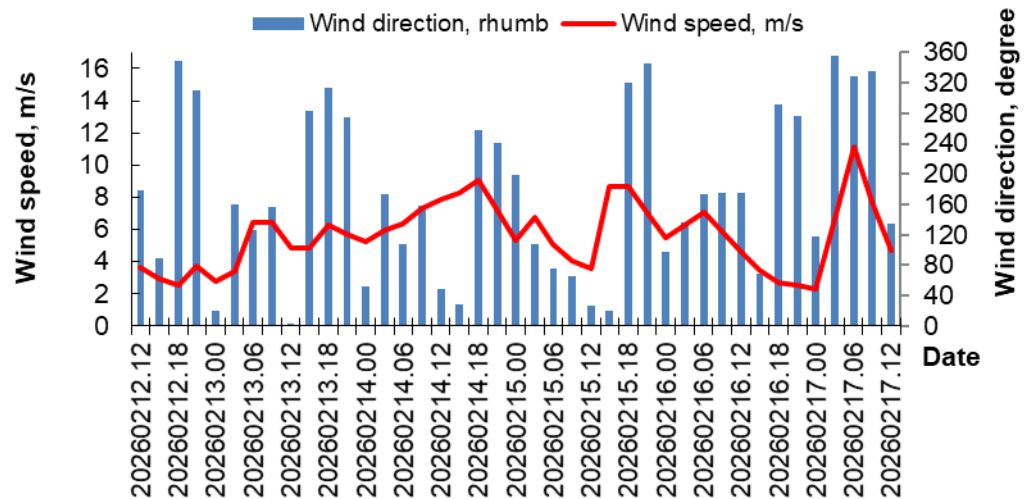
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**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 12 – 17, 2026 .**

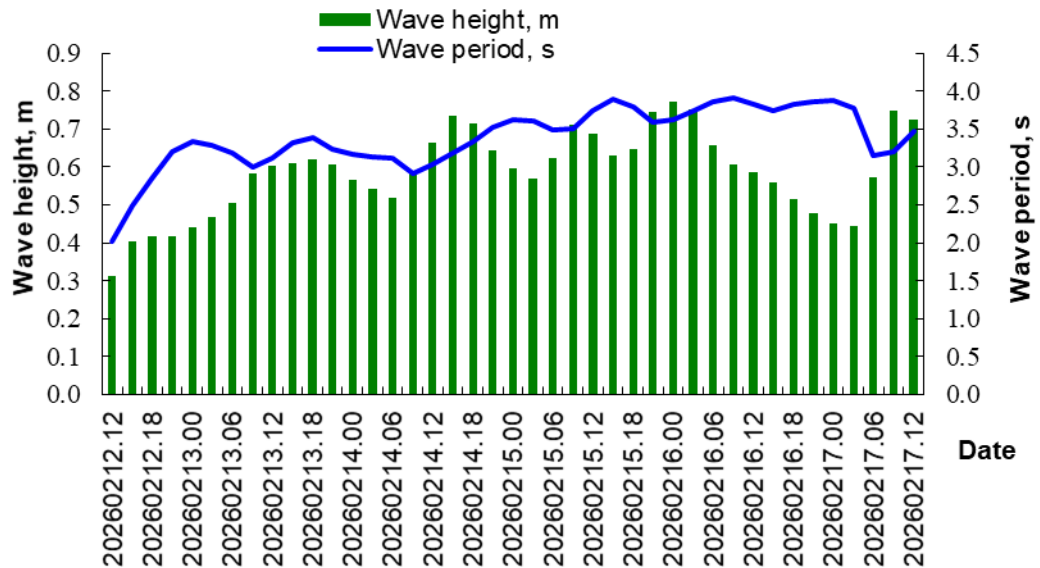


Date time	Kulaly				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260212.12	0.34	NW	2.1	4	SE
20260212.15	0.42	NW	2.5	3	SE
20260212.18	0.45	N	3.0	3	NW
20260212.21	0.47	N	3.5	4	W
20260213.00	0.51	N	3.5	5	NE
20260213.03	0.55	N	3.3	5	S
20260213.06	0.59	N	3.2	7	SE
20260213.09	0.59	NW	3.2	6	SE
20260213.12	0.56	NW	3.3	4	NE
20260213.15	0.54	N	3.5	5	N
20260213.18	0.54	N	3.4	6	NW
20260213.21	0.55	NE	3.3	5	W
20260214.00	0.51	E	3.4	3	N
20260214.03	0.46	NE	3.5	4	E
20260214.06	0.45	NE	3.3	5	E
20260214.09	0.53	N	2.9	7	S
20260214.12	0.62	N	3.0	8	NE
20260214.15	0.66	NE	3.1	9	N
20260214.18	0.71	E	3.3	9	NW
20260214.21	0.71	E	3.4	7	N
20260215.00	0.63	SE	3.6	5	E
20260215.03	0.57	SE	3.8	4	SE
20260215.06	0.60	SE	3.7	3	S
20260215.09	0.68	NW	3.6	6	E
20260215.12	0.73	NW	3.6	9	NE
20260215.15	0.77	N	3.5	9	N
20260215.18	0.75	NE	3.6	9	NW
20260215.21	0.76	SE	3.6	7	N
20260216.00	0.72	SE	3.7	6	E
20260216.03	0.67	SE	3.8	6	SE
20260216.06	0.66	NE	3.6	7	S
20260216.09	0.69	N	3.4	6	S
20260216.12	0.65	NE	3.4	5	S
20260216.15	0.59	NE	3.5	3	E
20260216.18	0.53	NE	3.7	3	W
20260216.21	0.49	E	3.9	3	W
20260217.00	0.46	E	3.9	2	SE
20260217.03	0.47	E	3.7	7	N
20260217.06	0.70	SE	3.3	11	NW
20260217.09	0.89	SE	3.4	8	NW
20260217.12	0.77	SE	3.5	5	SE

Wind condition in the Fort-Shevchenko

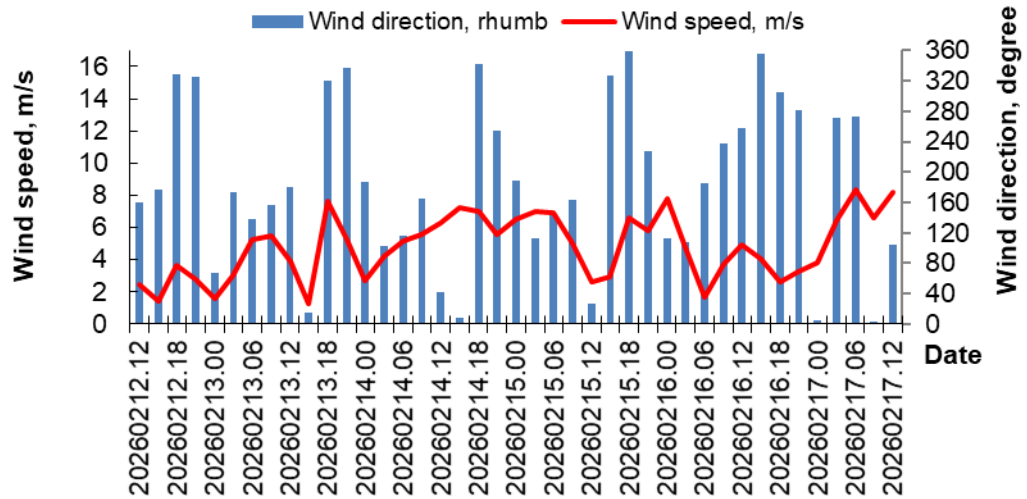


Wave condition in the Fort-Shevchenko

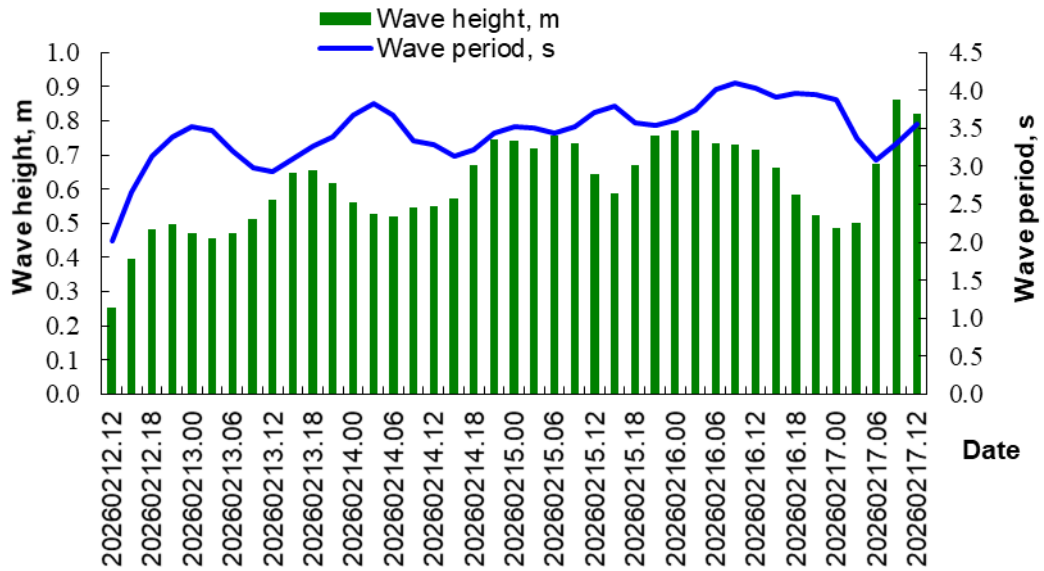


Date time	Fort-Shevchenko				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260212.12	0.31	N	2.0	4	S
20260212.15	0.40	N	2.5	3	E
20260212.18	0.42	N	2.9	3	N
20260212.21	0.42	N	3.2	4	NW
20260213.00	0.44	N	3.3	3	N
20260213.03	0.47	N	3.3	3	S
20260213.06	0.51	N	3.2	6	SE
20260213.09	0.58	NW	3.0	6	SE
20260213.12	0.60	N	3.1	5	N
20260213.15	0.61	NE	3.3	5	W
20260213.18	0.62	E	3.4	6	NW
20260213.21	0.61	E	3.2	6	W
20260214.00	0.57	NE	3.2	5	NE
20260214.03	0.54	NE	3.1	6	S
20260214.06	0.52	N	3.1	6	E
20260214.09	0.59	N	2.9	7	S
20260214.12	0.66	N	3.0	8	NE
20260214.15	0.73	N	3.2	8	NE
20260214.18	0.71	NE	3.3	9	W
20260214.21	0.64	E	3.5	7	SW
20260215.00	0.60	E	3.6	5	S
20260215.03	0.57	SE	3.6	7	E
20260215.06	0.62	SE	3.5	5	E
20260215.09	0.71	NW	3.5	4	NE
20260215.12	0.69	NW	3.7	4	NE
20260215.15	0.63	NW	3.9	9	N
20260215.18	0.65	N	3.8	9	NW
20260215.21	0.74	SE	3.6	7	N
20260216.00	0.77	S	3.6	6	E
20260216.03	0.75	SW	3.7	6	SE
20260216.06	0.66	SW	3.9	7	S
20260216.09	0.61	NE	3.9	6	S
20260216.12	0.59	NE	3.8	5	S
20260216.15	0.56	E	3.7	3	E
20260216.18	0.52	E	3.8	3	W
20260216.21	0.48	E	3.9	3	W
20260217.00	0.45	E	3.9	2	SE
20260217.03	0.44	E	3.8	7	N
20260217.06	0.57	SE	3.2	11	NW
20260217.09	0.75	SE	3.2	8	NW
20260217.12	0.72	SE	3.5	5	SE

Wind condition in the Aktau

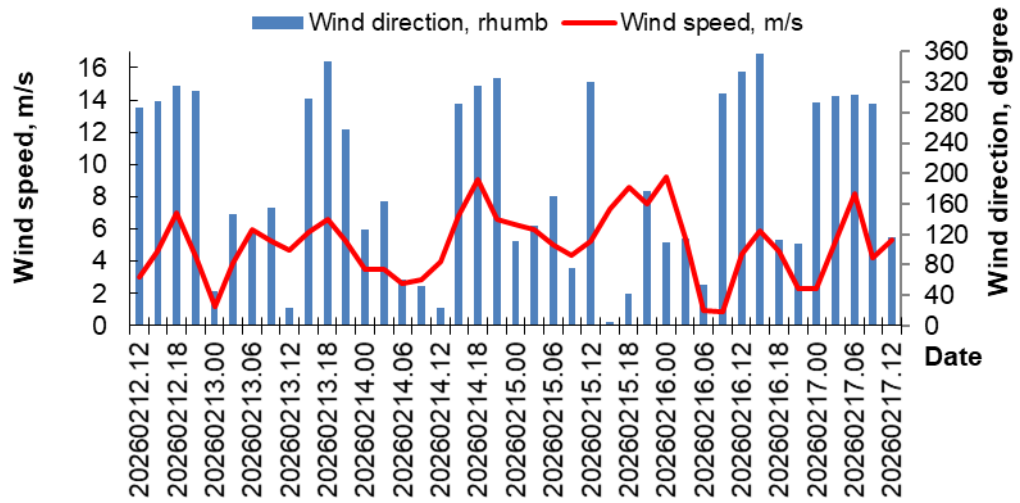


Wave condition in the Aktau

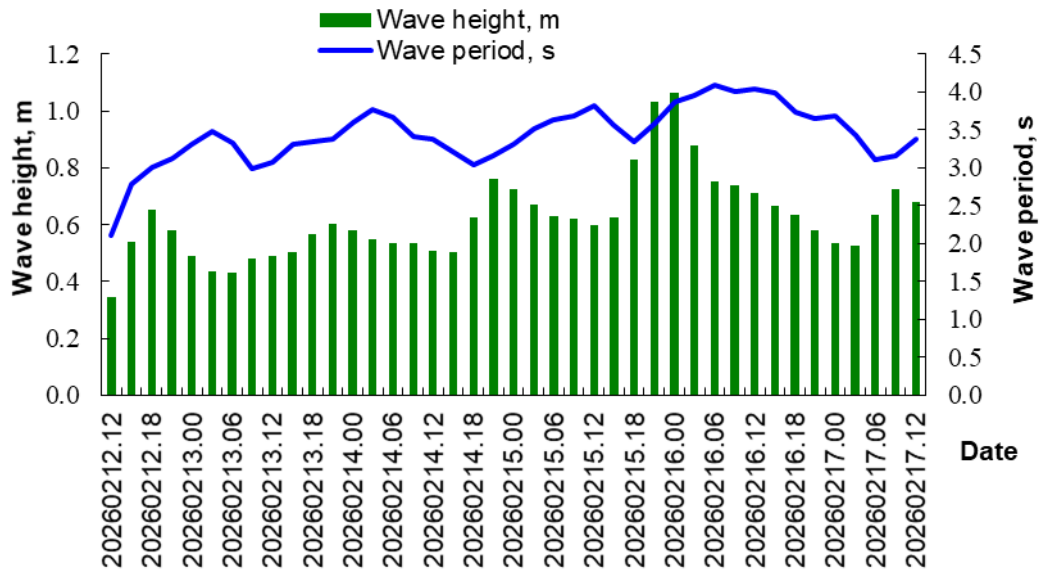


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260212.12	0.25	N	2.0	2	S
20260212.15	0.40	NE	2.7	1	S
20260212.18	0.48	E	3.1	4	NW
20260212.21	0.50	E	3.4	3	NW
20260213.00	0.47	E	3.5	2	E
20260213.03	0.46	E	3.5	3	S
20260213.06	0.47	NE	3.2	5	SE
20260213.09	0.51	N	3.0	6	SE
20260213.12	0.57	NW	2.9	4	S
20260213.15	0.65	NW	3.1	1	N
20260213.18	0.65	NW	3.3	8	NW
20260213.21	0.62	SE	3.4	5	NW
20260214.00	0.56	E	3.7	3	S
20260214.03	0.53	E	3.8	4	E
20260214.06	0.52	NE	3.7	5	SE
20260214.09	0.54	NW	3.3	6	S
20260214.12	0.55	N	3.3	6	NE
20260214.15	0.57	NE	3.1	7	N
20260214.18	0.67	E	3.2	7	N
20260214.21	0.74	E	3.4	6	W
20260215.00	0.74	SE	3.5	7	S
20260215.03	0.72	W	3.5	7	SE
20260215.06	0.76	NW	3.4	7	SE
20260215.09	0.73	NW	3.5	5	S
20260215.12	0.65	NW	3.7	3	NE
20260215.15	0.59	N	3.8	3	NW
20260215.18	0.67	NE	3.6	7	N
20260215.21	0.76	SE	3.5	6	SW
20260216.00	0.77	S	3.6	8	E
20260216.03	0.77	W	3.8	5	E
20260216.06	0.73	NW	4.0	2	S
20260216.09	0.73	NW	4.1	4	SW
20260216.12	0.72	NW	4.0	5	W
20260216.15	0.66	N	3.9	4	N
20260216.18	0.59	N	4.0	3	NW
20260216.21	0.52	NE	4.0	3	W
20260217.00	0.49	NE	3.9	4	N
20260217.03	0.50	E	3.4	6	W
20260217.06	0.67	E	3.1	8	W
20260217.09	0.86	E	3.3	7	N
20260217.12	0.82	SE	3.6	8	E

Wind condition in the Peschanyi

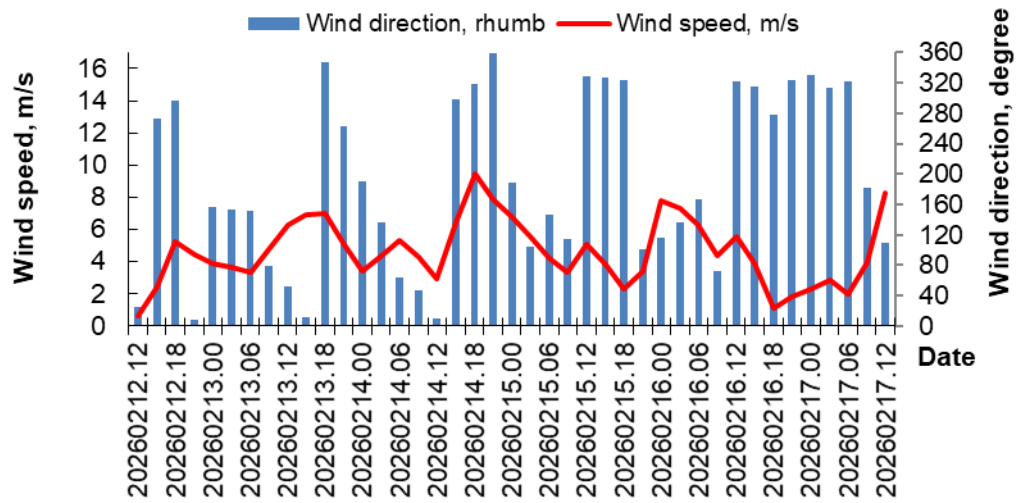


Wave condition in the Peschanyi

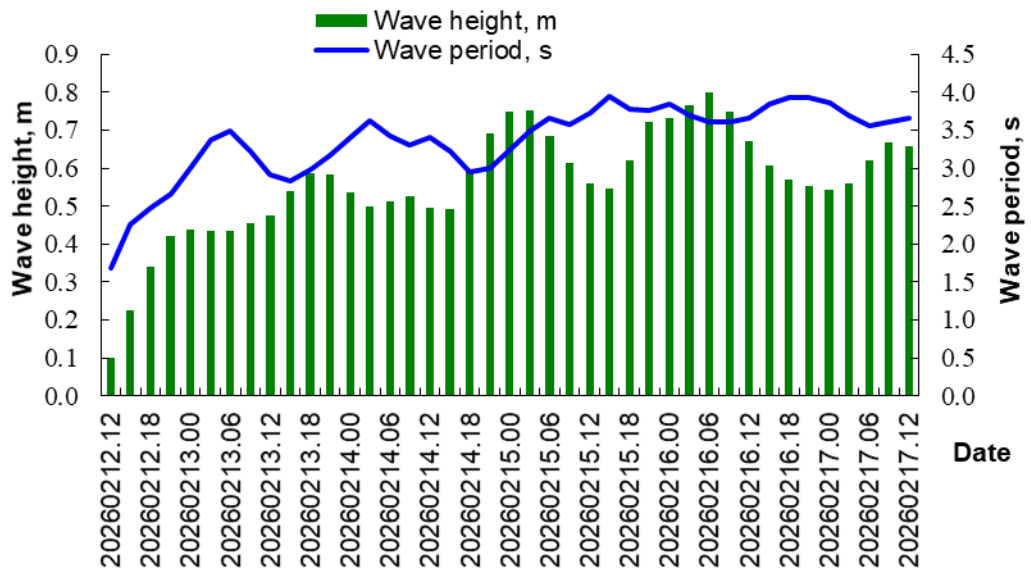


Date time	Peschanyi (Isan)				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260212.12	0.34	SE	2.1	3	W
20260212.15	0.54	E	2.8	5	NW
20260212.18	0.65	E	3.0	7	NW
20260212.21	0.58	E	3.1	4	NW
20260213.00	0.49	E	3.3	1	NE
20260213.03	0.44	E	3.5	4	SE
20260213.06	0.43	E	3.3	6	SE
20260213.09	0.48	N	3.0	5	SE
20260213.12	0.49	N	3.1	5	NE
20260213.15	0.50	N	3.3	6	NW
20260213.18	0.57	NE	3.3	7	N
20260213.21	0.60	SE	3.4	5	W
20260214.00	0.58	SE	3.6	3	SE
20260214.03	0.55	SE	3.8	4	S
20260214.06	0.53	E	3.7	3	NE
20260214.09	0.54	NW	3.4	3	NE
20260214.12	0.51	NW	3.4	4	NE
20260214.15	0.50	N	3.2	7	W
20260214.18	0.63	E	3.0	9	NW
20260214.21	0.76	SE	3.2	7	NW
20260215.00	0.73	SE	3.3	6	E
20260215.03	0.67	SE	3.5	6	SE
20260215.06	0.63	NW	3.6	5	S
20260215.09	0.62	NW	3.7	4	E
20260215.12	0.60	NW	3.8	5	NW
20260215.15	0.62	N	3.6	7	N
20260215.18	0.83	NE	3.4	9	NE
20260215.21	1.03	N	3.6	8	S
20260216.00	1.07	N	3.9	9	E
20260216.03	0.88	NW	3.9	5	SE
20260216.06	0.75	NW	4.1	1	NE
20260216.09	0.74	N	4.0	1	NW
20260216.12	0.71	NW	4.0	4	NW
20260216.15	0.66	NW	4.0	6	N
20260216.18	0.64	NW	3.7	5	SE
20260216.21	0.58	NW	3.7	2	E
20260217.00	0.53	NE	3.7	2	NW
20260217.03	0.53	E	3.4	5	NW
20260217.06	0.64	E	3.1	8	NW
20260217.09	0.72	SE	3.2	4	W
20260217.12	0.68	SE	3.4	5	SE

Wind condition in the Fetisovo

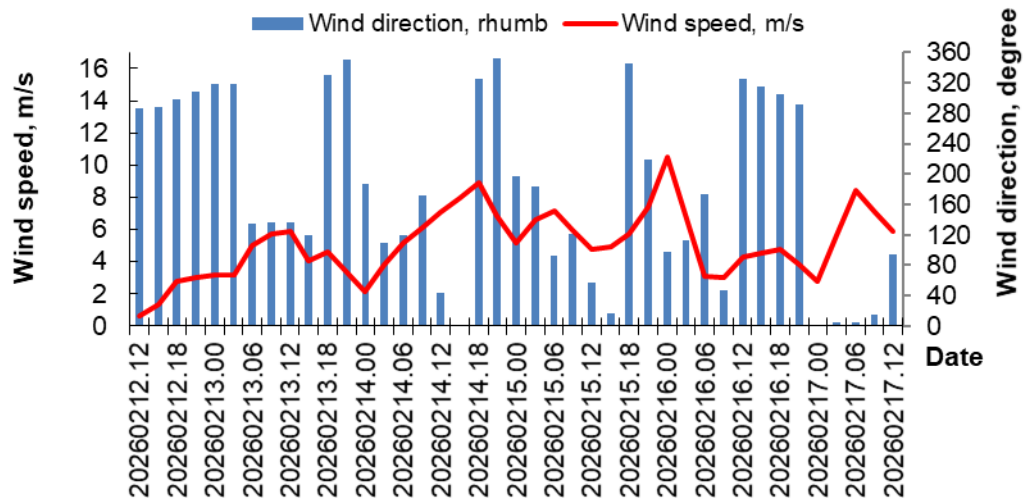


Wave condition in the Fetisovo

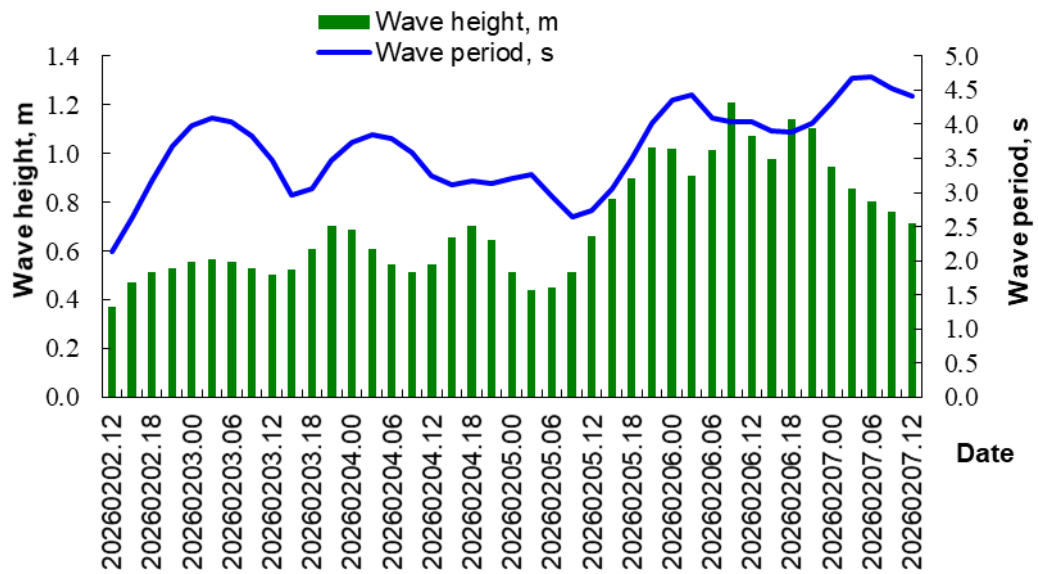


Date time	Fetisovo				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260212.12	0.10	NW	1.7	1	NE
20260212.15	0.23	NE	2.3	2	W
20260212.18	0.34	E	2.5	5	NW
20260212.21	0.42	E	2.7	4	N
20260213.00	0.44	E	3.0	4	SE
20260213.03	0.44	E	3.4	4	SE
20260213.06	0.44	E	3.5	3	SE
20260213.09	0.45	E	3.2	5	E
20260213.12	0.48	NE	2.9	6	NE
20260213.15	0.54	NE	2.8	7	N
20260213.18	0.59	E	3.0	7	N
20260213.21	0.58	E	3.2	5	W
20260214.00	0.54	E	3.4	3	S
20260214.03	0.50	E	3.6	4	SE
20260214.06	0.51	NE	3.4	5	NE
20260214.09	0.52	NE	3.3	4	NE
20260214.12	0.50	N	3.4	3	N
20260214.15	0.49	NE	3.2	6	NW
20260214.18	0.59	E	3.0	9	NW
20260214.21	0.69	SE	3.0	8	N
20260215.00	0.75	S	3.2	7	S
20260215.03	0.75	NW	3.5	6	E
20260215.06	0.69	NW	3.7	4	SE
20260215.09	0.61	NW	3.6	3	SE
20260215.12	0.56	NW	3.7	5	NW
20260215.15	0.55	N	3.9	4	NW
20260215.18	0.62	E	3.8	2	NW
20260215.21	0.72	SE	3.8	3	E
20260216.00	0.73	SE	3.8	8	SE
20260216.03	0.77	N	3.7	7	SE
20260216.06	0.80	NW	3.6	6	S
20260216.09	0.75	NW	3.6	4	E
20260216.12	0.67	NW	3.7	6	NW
20260216.15	0.61	NW	3.8	4	NW
20260216.18	0.57	NW	3.9	1	W
20260216.21	0.55	NW	3.9	2	NW
20260217.00	0.54	N	3.9	2	NW
20260217.03	0.56	E	3.7	3	NW
20260217.06	0.62	E	3.6	2	NW
20260217.09	0.67	SE	3.6	4	S
20260217.12	0.66	SE	3.7	8	E

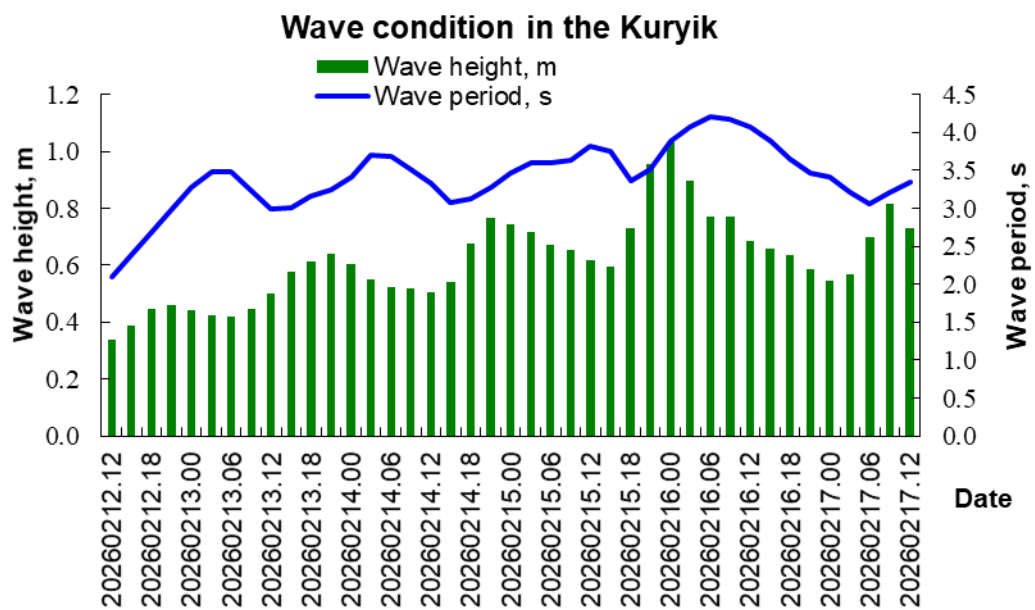
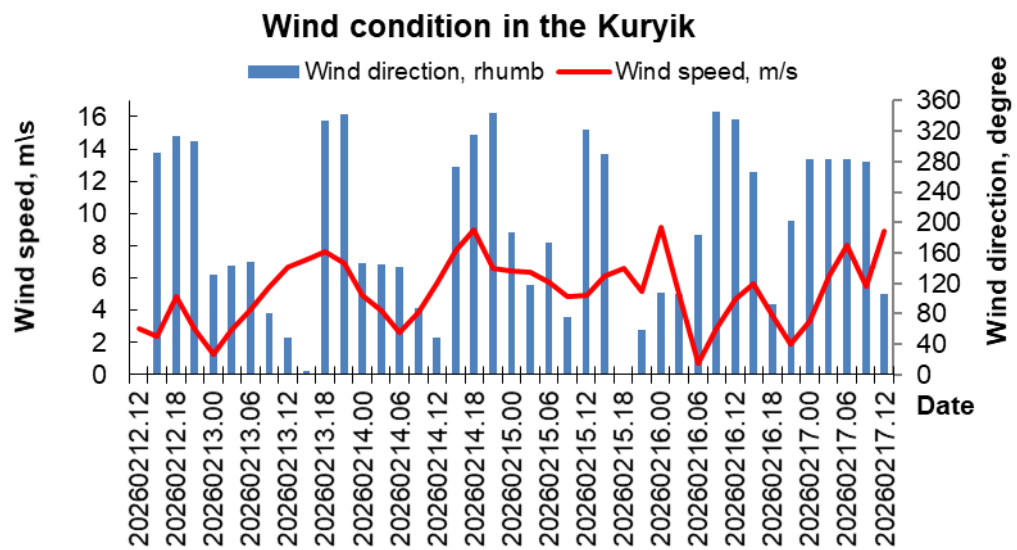
Wind condition in the Saura



Wave condition in the Saura



Date time	Saura				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260212.12	0.14	NW	1.9	1	W
20260212.15	0.25	N	2.5	1	W
20260212.18	0.33	NE	2.9	3	NW
20260212.21	0.38	NE	3.3	3	NW
20260213.00	0.42	NE	3.4	3	NW
20260213.03	0.45	NE	3.4	3	NW
20260213.06	0.46	NE	3.4	5	SE
20260213.09	0.51	N	3.2	6	SE
20260213.12	0.62	NW	3.0	6	SE
20260213.15	0.63	NW	3.2	4	SE
20260213.18	0.59	N	3.4	5	NW
20260213.21	0.55	N	3.7	3	N
20260214.00	0.52	N	3.7	2	S
20260214.03	0.49	NE	3.8	4	E
20260214.06	0.48	NE	3.7	5	SE
20260214.09	0.51	N	3.3	6	S
20260214.12	0.56	N	3.1	7	NE
20260214.15	0.63	NE	3.2	8	N
20260214.18	0.72	E	3.3	9	NW
20260214.21	0.74	E	3.5	7	N
20260215.00	0.69	E	3.6	5	S
20260215.03	0.65	E	3.6	7	S
20260215.06	0.69	W	3.3	7	E
20260215.09	0.71	W	3.2	6	SE
20260215.12	0.62	NW	3.4	5	NE
20260215.15	0.56	NW	3.6	5	N
20260215.18	0.60	NE	3.7	6	N
20260215.21	0.70	SE	3.6	7	SW
20260216.00	0.83	SW	3.5	11	E
20260216.03	0.84	W	3.6	7	E
20260216.06	0.71	W	3.8	3	S
20260216.09	0.63	W	4.0	3	NE
20260216.12	0.59	N	4.0	4	NW
20260216.15	0.55	NE	4.0	5	NW
20260216.18	0.51	NE	3.9	5	NW
20260216.21	0.48	E	3.8	4	W
20260217.00	0.45	E	3.8	3	N
20260217.03	0.46	E	3.4	6	N
20260217.06	0.59	E	3.0	8	N
20260217.09	0.74	E	3.1	7	N
20260217.12	0.72	E	3.4	6	E



Date time	Kuryk				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260212.12	0.34	E	2.1	3	N
20260212.15	0.39	E	2.4	2	W
20260212.18	0.45	E	2.7	5	NW
20260212.21	0.46	E	3.0	3	NW
20260213.00	0.44	E	3.3	1	SE
20260213.03	0.42	E	3.5	3	SE
20260213.06	0.42	E	3.5	4	SE
20260213.09	0.44	NE	3.2	5	E
20260213.12	0.50	NE	3.0	7	NE
20260213.15	0.58	NE	3.0	7	N
20260213.18	0.61	E	3.2	8	NW
20260213.21	0.64	SE	3.3	7	N
20260214.00	0.61	SE	3.4	5	SE
20260214.03	0.55	E	3.7	4	SE
20260214.06	0.52	NE	3.7	3	SE
20260214.09	0.52	N	3.5	4	E
20260214.12	0.51	N	3.3	6	NE
20260214.15	0.54	NE	3.1	8	W
20260214.18	0.67	E	3.1	9	NW
20260214.21	0.77	E	3.3	7	N
20260215.00	0.74	SE	3.5	6	S
20260215.03	0.72	NW	3.6	6	SE
20260215.06	0.67	NW	3.6	6	S
20260215.09	0.65	NW	3.6	5	E
20260215.12	0.62	NW	3.8	5	NW
20260215.15	0.60	N	3.8	6	W
20260215.18	0.73	NE	3.4	7	N
20260215.21	0.95	NE	3.5	5	NE
20260216.00	1.03	N	3.9	9	E
20260216.03	0.90	N	4.1	5	E
20260216.06	0.77	N	4.2	1	S
20260216.09	0.77	N	4.2	3	N
20260216.12	0.69	NW	4.1	5	NW
20260216.15	0.66	NW	3.9	6	W
20260216.18	0.64	NW	3.6	4	E
20260216.21	0.59	NW	3.5	2	SW
20260217.00	0.55	NE	3.4	3	W
20260217.03	0.57	E	3.2	6	W
20260217.06	0.70	E	3.1	8	W
20260217.09	0.82	E	3.2	6	W
20260217.12	0.73	SE	3.4	9	E

**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: Bazarbay L.

RSE «Kazhydromet» – Caspian Sea Hydrometeorological Research Department

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