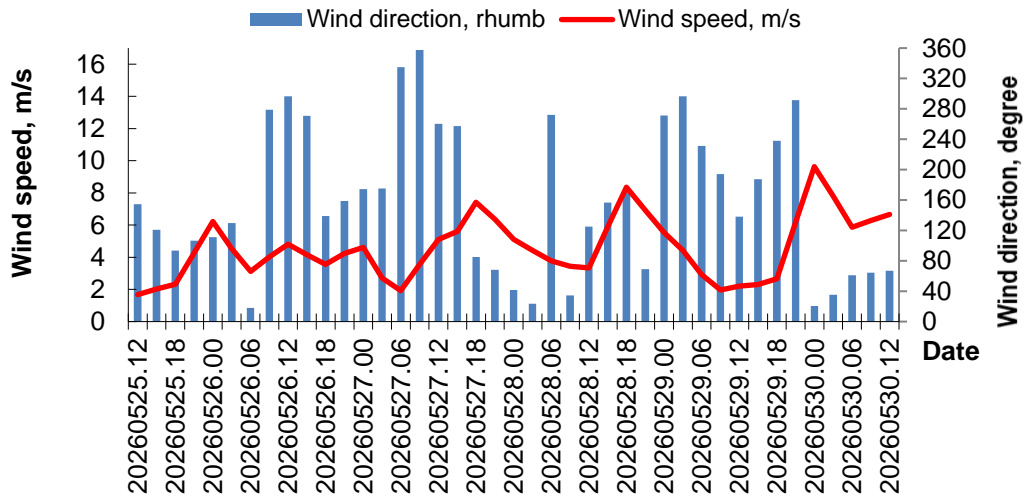




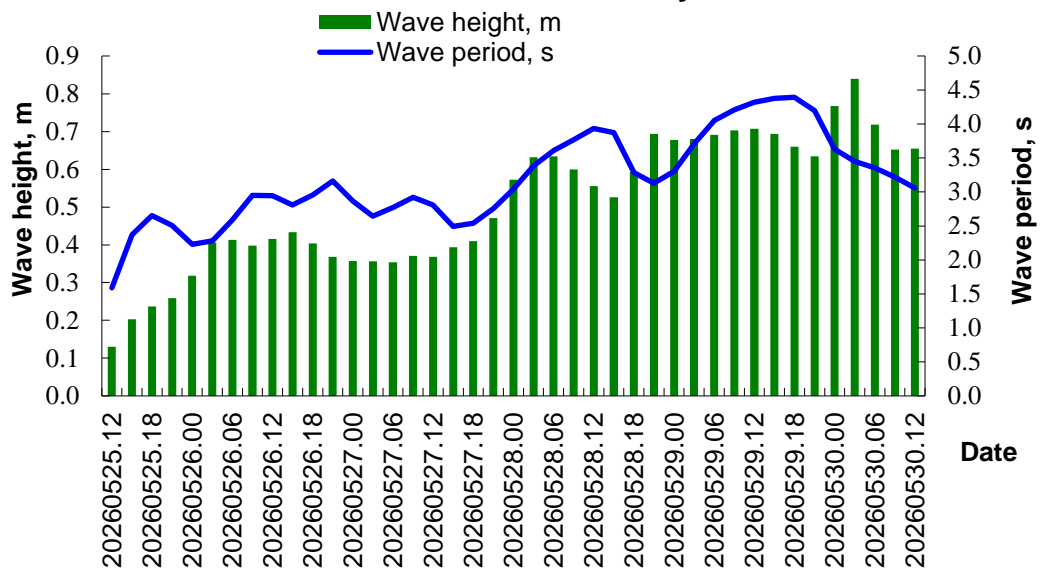
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance
using SWAN spectral model for the period May 25 -- 30, 2026 .**

Wind condition in the Kulaly

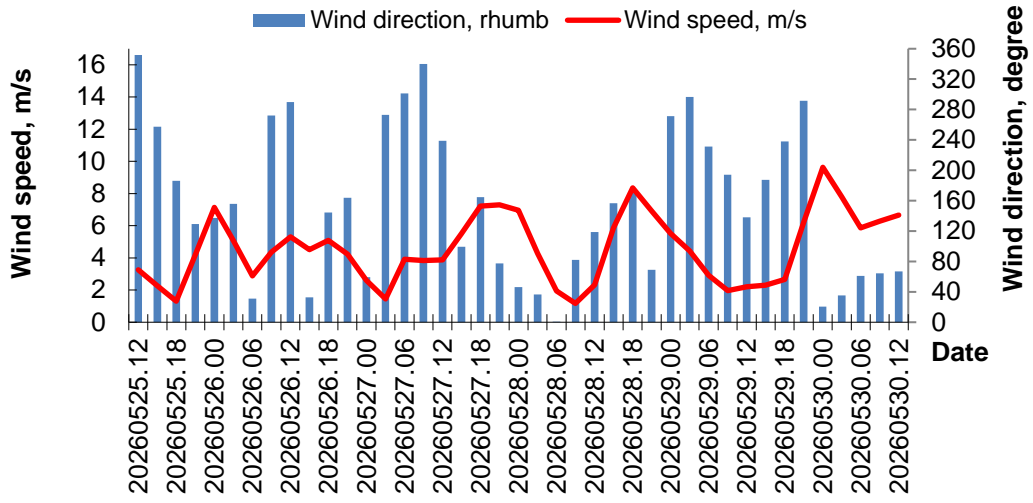


Wave condition in the Kulaly

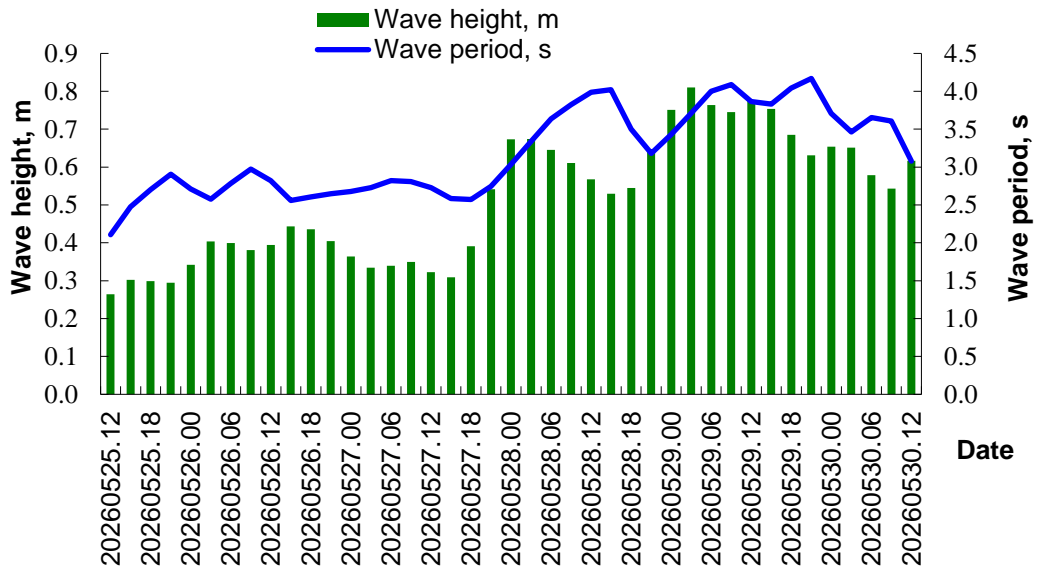


Date time	Kulaly				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260525.12	0.13	NW	1.6	2	SE
20260525.15	0.20	SE	2.4	2	SE
20260525.18	0.24	SE	2.7	2	E
20260525.21	0.26	SE	2.5	4	E
20260526.00	0.32	E	2.2	6	E
20260526.03	0.41	NW	2.3	5	SE
20260526.06	0.41	N	2.6	3	N
20260526.09	0.40	E	2.9	4	W
20260526.12	0.42	E	2.9	5	NW
20260526.15	0.43	E	2.8	4	W
20260526.18	0.40	E	3.0	4	SE
20260526.21	0.37	E	3.2	4	S
20260527.00	0.36	E	2.9	5	S
20260527.03	0.36	E	2.6	3	S
20260527.06	0.35	E	2.8	2	NW
20260527.09	0.37	E	2.9	4	N
20260527.12	0.37	SE	2.8	5	W
20260527.15	0.39	SE	2.5	6	W
20260527.18	0.41	SE	2.5	7	E
20260527.21	0.47	NE	2.8	6	E
20260528.00	0.57	NE	3.0	5	NE
20260528.03	0.63	NE	3.4	4	NE
20260528.06	0.63	NE	3.6	4	W
20260528.09	0.60	NE	3.8	3	NE
20260528.12	0.56	NE	3.9	3	SE
20260528.15	0.53	NE	3.9	6	SE
20260528.18	0.59	NE	3.3	8	S
20260528.21	0.69	N	3.1	7	E
20260529.00	0.68	NE	3.3	6	W
20260529.03	0.68	NE	3.7	4	NW
20260529.06	0.69	NE	4.0	3	SW
20260529.09	0.70	NE	4.2	2	S
20260529.12	0.71	NE	4.3	2	SE
20260529.15	0.69	NE	4.4	2	S
20260529.18	0.66	NE	4.4	3	SW
20260529.21	0.63	E	4.2	6	W
20260530.00	0.77	E	3.6	10	N
20260530.03	0.84	E	3.4	8	NE
20260530.06	0.72	NE	3.4	6	NE
20260530.09	0.65	NE	3.2	6	NE
20260530.12	0.65	NE	3.1	7	NE

Wind condition in the Fort-Shevchenko

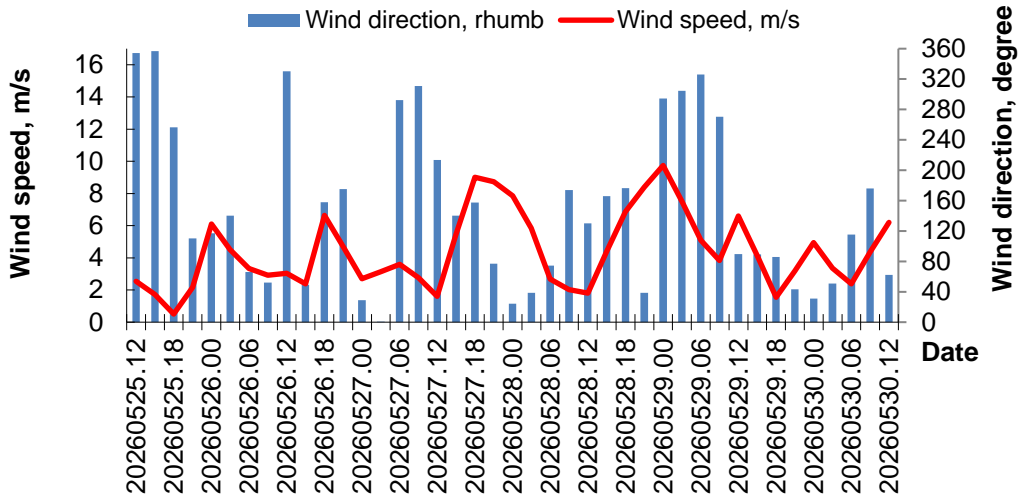


Wave condition in the Fort-Shevchenko

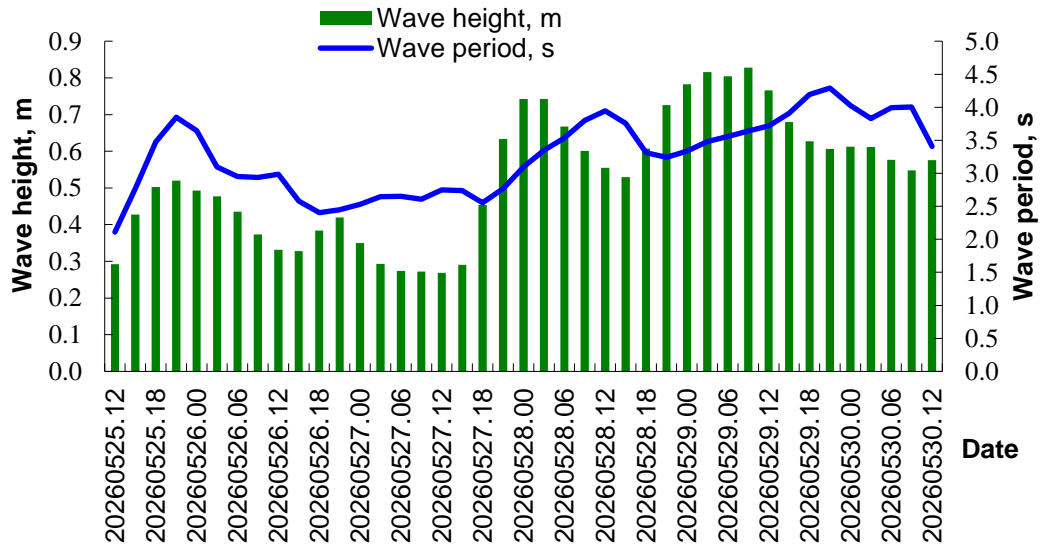


Date time	Fort-Shevchenko				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260525.12	0.26	S	2.1	3	N
20260525.15	0.30	S	2.5	2	W
20260525.18	0.30	SE	2.7	1	S
20260525.21	0.29	SE	2.9	4	SE
20260526.00	0.34	E	2.7	7	SE
20260526.03	0.40	NE	2.6	5	SE
20260526.06	0.40	E	2.8	3	NE
20260526.09	0.38	E	3.0	4	W
20260526.12	0.39	E	2.8	5	W
20260526.15	0.44	E	2.6	5	NE
20260526.18	0.44	E	2.6	5	SE
20260526.21	0.40	NE	2.6	4	S
20260527.00	0.36	NE	2.7	3	NE
20260527.03	0.33	NE	2.7	1	W
20260527.06	0.34	E	2.8	4	NW
20260527.09	0.35	E	2.8	4	N
20260527.12	0.32	E	2.7	4	SW
20260527.15	0.31	E	2.6	6	E
20260527.18	0.39	N	2.6	7	S
20260527.21	0.54	N	2.7	7	E
20260528.00	0.67	N	3.0	7	NE
20260528.03	0.67	NE	3.3	4	NE
20260528.06	0.64	NE	3.6	2	N
20260528.09	0.61	NE	3.8	1	E
20260528.12	0.57	NE	4.0	2	SE
20260528.15	0.53	NE	4.0	6	SE
20260528.18	0.55	NE	3.5	8	S
20260528.21	0.64	NE	3.2	7	E
20260529.00	0.75	NE	3.4	6	W
20260529.03	0.81	E	3.7	4	NW
20260529.06	0.76	E	4.0	3	SW
20260529.09	0.75	E	4.1	2	S
20260529.12	0.77	NE	3.9	2	SE
20260529.15	0.75	NE	3.8	2	S
20260529.18	0.69	NE	4.0	3	SW
20260529.21	0.63	NE	4.2	6	W
20260530.00	0.65	E	3.7	10	N
20260530.03	0.65	E	3.5	8	NE
20260530.06	0.58	E	3.7	6	NE
20260530.09	0.54	NE	3.6	6	NE
20260530.12	0.62	NE	3.1	7	NE

Wind condition in the Aktau

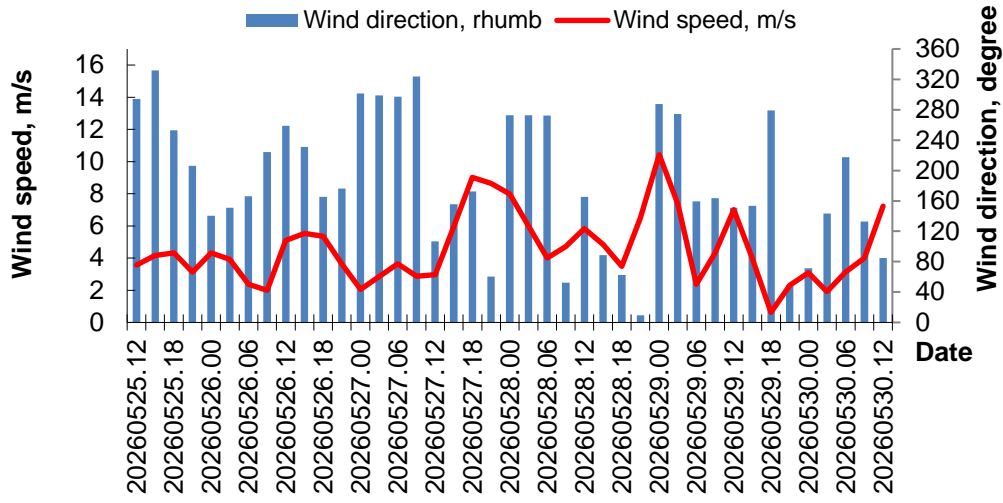


Wave condition in the Aktau

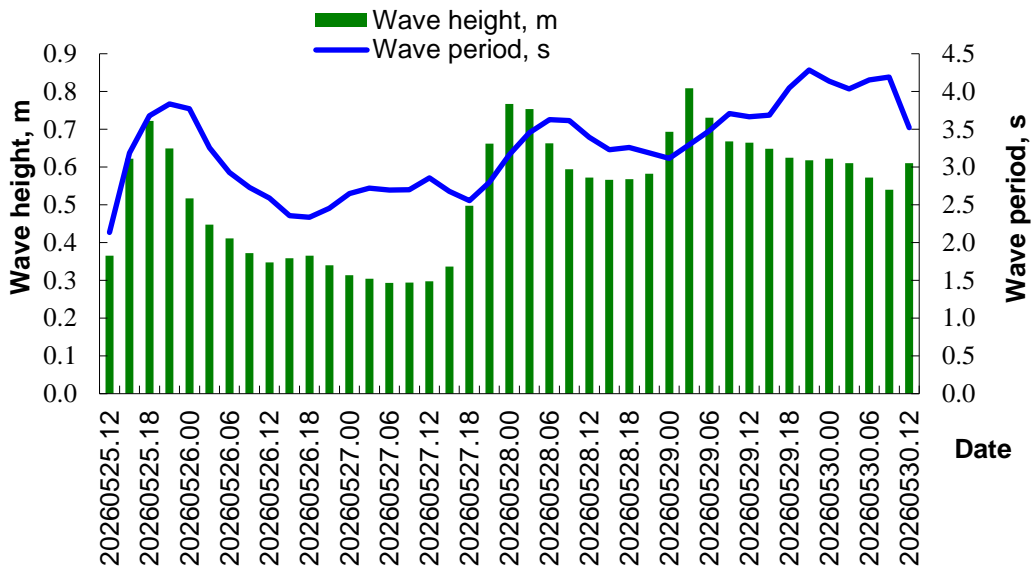


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260525.12	0.29	S	2.1	3	N
20260525.15	0.43	SE	2.8	2	N
20260525.18	0.50	E	3.5	1	W
20260525.21	0.52	E	3.8	2	E
20260526.00	0.49	E	3.6	6	SE
20260526.03	0.48	E	3.1	5	SE
20260526.06	0.44	NE	2.9	3	NE
20260526.09	0.37	NE	2.9	3	NE
20260526.12	0.33	NE	3.0	3	NW
20260526.15	0.33	E	2.6	2	NE
20260526.18	0.38	N	2.4	7	S
20260526.21	0.42	N	2.4	5	S
20260527.00	0.35	N	2.5	3	NE
20260527.03	0.29	NW	2.6	3	N
20260527.06	0.27	N	2.7	4	W
20260527.09	0.27	N	2.6	3	NW
20260527.12	0.27	NE	2.8	2	SW
20260527.15	0.29	N	2.7	5	SE
20260527.18	0.45	N	2.6	9	S
20260527.21	0.63	N	2.8	9	E
20260528.00	0.74	NE	3.1	8	NE
20260528.03	0.74	NE	3.3	6	NE
20260528.06	0.67	NE	3.5	3	E
20260528.09	0.60	NE	3.8	2	S
20260528.12	0.55	NE	3.9	2	SE
20260528.15	0.53	NE	3.8	4	S
20260528.18	0.61	NE	3.3	7	S
20260528.21	0.73	NE	3.2	8	NE
20260529.00	0.78	NE	3.3	10	NW
20260529.03	0.82	E	3.5	7	NW
20260529.06	0.80	E	3.6	5	NW
20260529.09	0.83	E	3.6	4	W
20260529.12	0.77	E	3.7	7	E
20260529.15	0.68	NE	3.9	4	E
20260529.18	0.63	NE	4.2	2	E
20260529.21	0.61	NE	4.3	3	NE
20260530.00	0.61	NE	4.0	5	NE
20260530.03	0.61	NE	3.8	3	NE
20260530.06	0.58	NE	4.0	2	SE
20260530.09	0.55	NE	4.0	4	S
20260530.12	0.58	NE	3.4	6	NE

Wind condition in the Peschanyi

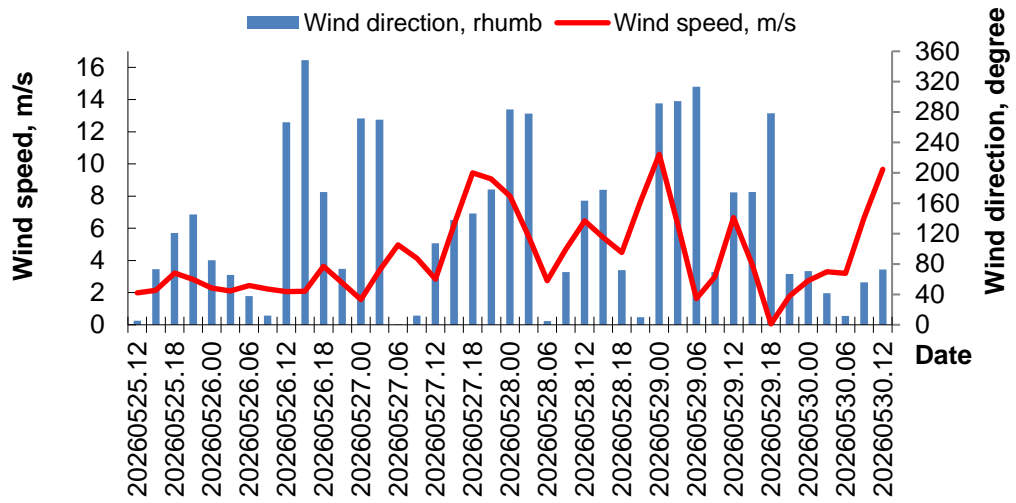


Wave condition in the Peschanyi

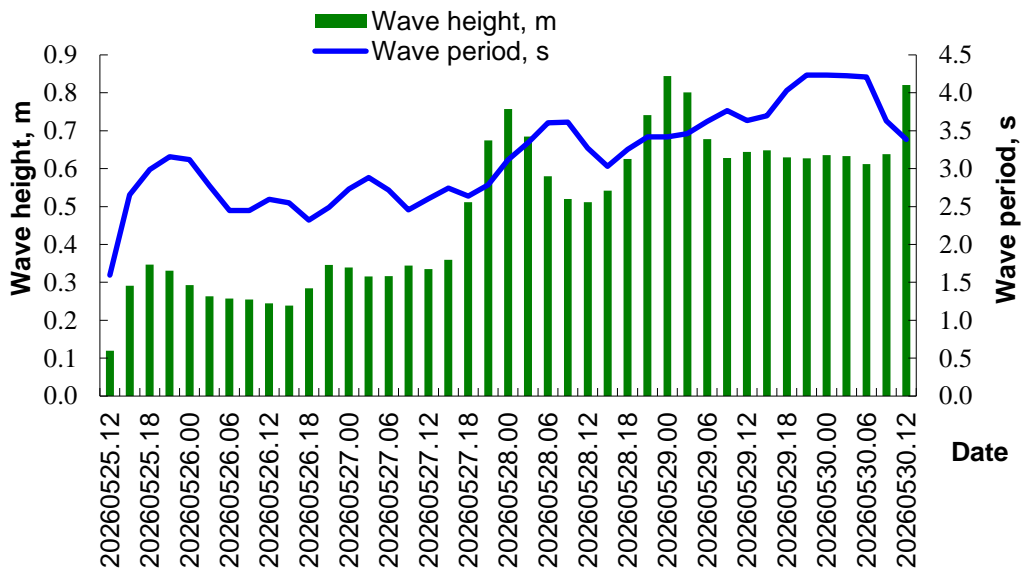


Date time	Peschanyi (Isan)				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260525.12	0.37	E	2.1	4	NW
20260525.15	0.62	E	3.2	4	NW
20260525.18	0.72	E	3.7	4	W
20260525.21	0.65	E	3.8	3	SW
20260526.00	0.52	E	3.8	4	SE
20260526.03	0.45	E	3.3	4	SE
20260526.06	0.41	NE	2.9	2	S
20260526.09	0.37	NE	2.7	2	SW
20260526.12	0.35	E	2.6	5	W
20260526.15	0.36	S	2.4	6	SW
20260526.18	0.37	SW	2.3	5	S
20260526.21	0.34	W	2.5	4	S
20260527.00	0.31	NW	2.7	2	NW
20260527.03	0.30	NW	2.7	3	NW
20260527.06	0.29	NW	2.7	4	NW
20260527.09	0.29	N	2.7	3	NW
20260527.12	0.30	NE	2.9	3	E
20260527.15	0.34	NE	2.7	6	SE
20260527.18	0.50	N	2.6	9	S
20260527.21	0.66	N	2.8	9	NE
20260528.00	0.77	NE	3.2	8	W
20260528.03	0.75	NE	3.5	6	W
20260528.06	0.66	NE	3.6	4	W
20260528.09	0.59	NE	3.6	5	NE
20260528.12	0.57	NE	3.4	6	S
20260528.15	0.57	NE	3.2	5	E
20260528.18	0.57	N	3.3	3	NE
20260528.21	0.58	N	3.2	6	N
20260529.00	0.69	NE	3.1	10	W
20260529.03	0.81	E	3.3	7	W
20260529.06	0.73	E	3.5	2	S
20260529.09	0.67	E	3.7	4	S
20260529.12	0.66	NE	3.7	7	SE
20260529.15	0.65	NE	3.7	4	SE
20260529.18	0.62	NE	4.0	1	W
20260529.21	0.62	NE	4.3	2	NE
20260530.00	0.62	NE	4.1	3	E
20260530.03	0.61	NE	4.0	2	SE
20260530.06	0.57	NE	4.2	3	SW
20260530.09	0.54	NE	4.2	4	SE
20260525.12	0.37	E	2.1	4	NW

Wind condition in the Fetisovo

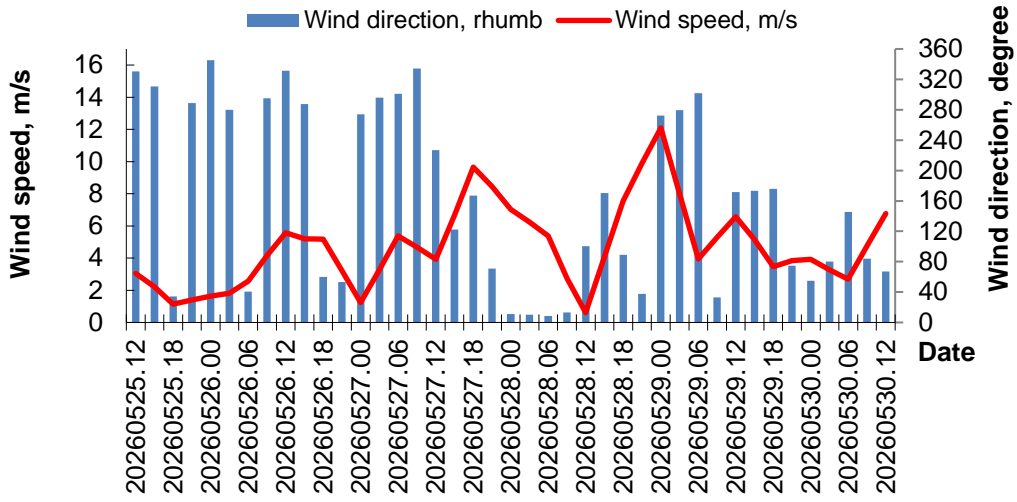


Wave condition in the Fetisovo

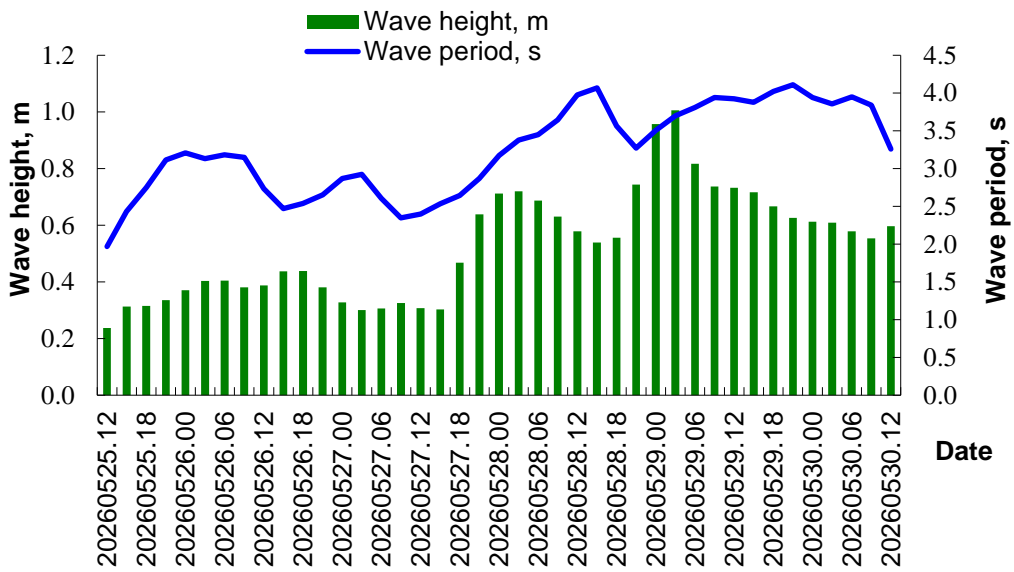


Date time	Fetisovo				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260525.12	0.12	E	1.6	2	N
20260525.15	0.29	SE	2.7	2	E
20260525.18	0.35	SE	3.0	3	SE
20260525.21	0.33	SE	3.2	3	SE
20260526.00	0.29	SE	3.1	2	E
20260526.03	0.26	SE	2.8	2	NE
20260526.06	0.26	E	2.4	2	NE
20260526.09	0.26	E	2.4	2	N
20260526.12	0.24	NE	2.6	2	W
20260526.15	0.24	NE	2.5	2	N
20260526.18	0.28	NW	2.3	4	S
20260526.21	0.35	NW	2.5	3	E
20260527.00	0.34	NW	2.7	2	W
20260527.03	0.32	NW	2.9	3	W
20260527.06	0.32	NW	2.7	5	N
20260527.09	0.34	NE	2.5	4	N
20260527.12	0.33	NE	2.6	3	E
20260527.15	0.36	NE	2.7	6	SE
20260527.18	0.51	N	2.6	9	SE
20260527.21	0.67	N	2.8	9	S
20260528.00	0.76	N	3.1	8	W
20260528.03	0.68	NE	3.3	5	W
20260528.06	0.58	NE	3.6	3	N
20260528.09	0.52	NE	3.6	5	E
20260528.12	0.51	NE	3.3	6	S
20260528.15	0.54	N	3.0	5	S
20260528.18	0.63	NE	3.3	4	E
20260528.21	0.74	NE	3.4	8	N
20260529.00	0.84	NE	3.4	11	W
20260529.03	0.80	E	3.5	6	NW
20260529.06	0.68	E	3.6	2	NW
20260529.09	0.63	E	3.8	3	E
20260529.12	0.64	NE	3.6	7	S
20260529.15	0.65	NE	3.7	4	S
20260529.18	0.63	NE	4.0	0	W
20260529.21	0.63	NE	4.2	2	NE
20260530.00	0.64	NE	4.2	3	E
20260530.03	0.63	NE	4.2	3	NE
20260530.06	0.61	NE	4.2	3	N
20260530.09	0.64	NE	3.6	7	NE
20260530.12	0.82	NE	3.4	10	E

Wind condition in the Saura

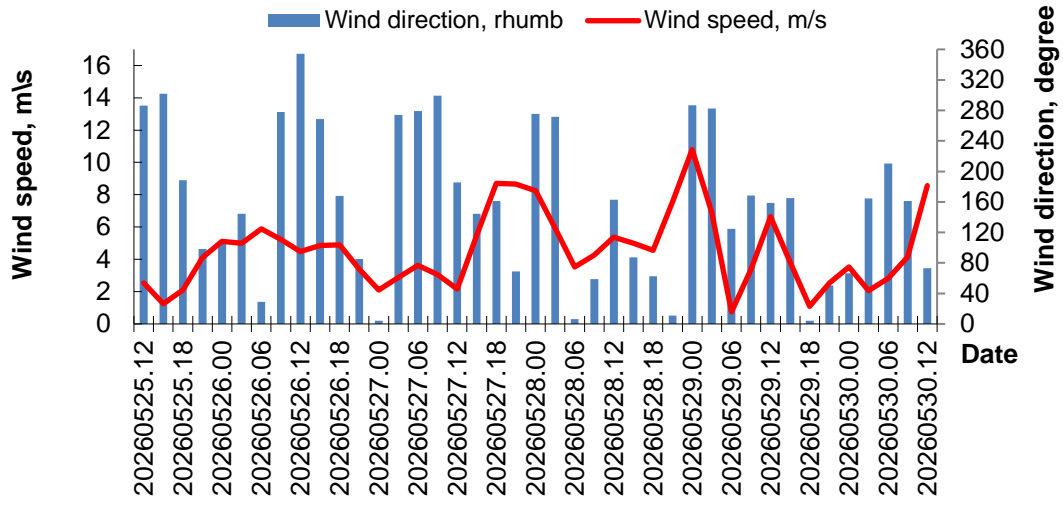


Wave condition in the Saura

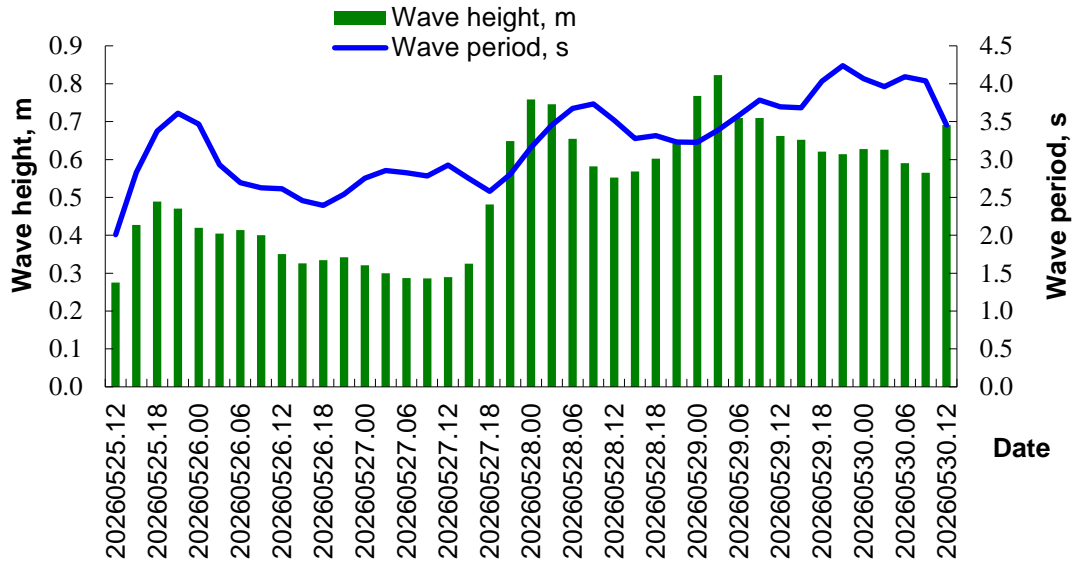


Date time	Saura				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260525.12	0.24	S	2.0	3	NW
20260525.15	0.31	SE	2.4	2	NW
20260525.18	0.32	SE	2.7	1	NE
20260525.21	0.34	SE	3.1	1	W
20260526.00	0.37	E	3.2	2	N
20260526.03	0.40	E	3.1	2	W
20260526.06	0.40	E	3.2	3	NE
20260526.09	0.38	E	3.1	4	NW
20260526.12	0.39	E	2.7	6	NW
20260526.15	0.44	E	2.5	5	W
20260526.18	0.44	E	2.5	5	NE
20260526.21	0.38	NE	2.7	3	NE
20260527.00	0.33	NE	2.9	1	W
20260527.03	0.30	NE	2.9	3	NW
20260527.06	0.31	NE	2.6	5	NW
20260527.09	0.32	E	2.3	5	NW
20260527.12	0.31	E	2.4	4	SW
20260527.15	0.30	NE	2.5	7	SE
20260527.18	0.47	N	2.6	10	S
20260527.21	0.64	N	2.9	8	E
20260528.00	0.71	N	3.2	7	N
20260528.03	0.72	NE	3.4	6	N
20260528.06	0.69	NE	3.4	5	N
20260528.09	0.63	NE	3.6	3	N
20260528.12	0.58	NE	4.0	1	E
20260528.15	0.54	NE	4.1	4	S
20260528.18	0.56	NE	3.6	8	E
20260528.21	0.74	NE	3.3	10	NE
20260529.00	0.96	NE	3.5	12	W
20260529.03	1.01	E	3.7	8	W
20260529.06	0.82	E	3.8	4	NW
20260529.09	0.74	E	3.9	5	NE
20260529.12	0.73	NE	3.9	7	S
20260529.15	0.72	NE	3.9	5	S
20260529.18	0.67	NE	4.0	3	S
20260529.21	0.63	NE	4.1	4	E
20260530.00	0.61	NE	3.9	4	NE
20260530.03	0.61	NE	3.9	3	E
20260530.06	0.58	NE	4.0	3	SE
20260530.09	0.55	NE	3.8	5	E
20260530.12	0.60	NE	3.3	7	NE

Wind condition in the Kuryik



Wave condition in the Kuryik



Date time	Kuryk				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260525.12	0.28	SE	2.0	3	W
20260525.15	0.43	E	2.8	1	NW
20260525.18	0.49	E	3.4	2	S
20260525.21	0.47	E	3.6	4	E
20260526.00	0.42	E	3.5	5	E
20260526.03	0.40	E	2.9	5	SE
20260526.06	0.41	NE	2.7	6	NE
20260526.09	0.40	NE	2.6	5	W
20260526.12	0.35	E	2.6	4	N
20260526.15	0.33	E	2.5	5	W
20260526.18	0.33	E	2.4	5	S
20260526.21	0.34	NW	2.5	3	E
20260527.00	0.32	NW	2.8	2	N
20260527.03	0.30	NW	2.9	3	W
20260527.06	0.29	NW	2.8	4	W
20260527.09	0.29	N	2.8	3	NW
20260527.12	0.29	NE	2.9	2	S
20260527.15	0.32	NE	2.8	5	SE
20260527.18	0.48	N	2.6	9	S
20260527.21	0.65	N	2.8	9	E
20260528.00	0.76	NE	3.2	8	W
20260528.03	0.75	NE	3.5	6	W
20260528.06	0.65	NE	3.7	4	N
20260528.09	0.58	NE	3.7	4	NE
20260528.12	0.55	NE	3.5	5	S
20260528.15	0.57	NE	3.3	5	E
20260528.18	0.60	N	3.3	5	NE
20260528.21	0.64	NE	3.2	8	N
20260529.00	0.77	NE	3.2	11	W
20260529.03	0.82	E	3.4	7	W
20260529.06	0.71	E	3.6	1	SE
20260529.09	0.71	E	3.8	3	S
20260529.12	0.66	NE	3.7	7	S
20260529.15	0.65	NE	3.7	4	S
20260529.18	0.62	NE	4.0	1	N
20260529.21	0.61	NE	4.2	3	NE
20260530.00	0.63	NE	4.1	4	NE
20260530.03	0.63	NE	4.0	2	S
20260530.06	0.59	NE	4.1	3	SW
20260530.09	0.57	NE	4.0	4	S
20260530.12	0.69	NE	3.5	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: Kurmangalieva A.

RSE «Kazhydromet» – Caspian Sea Hydrometeorological Research Department

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