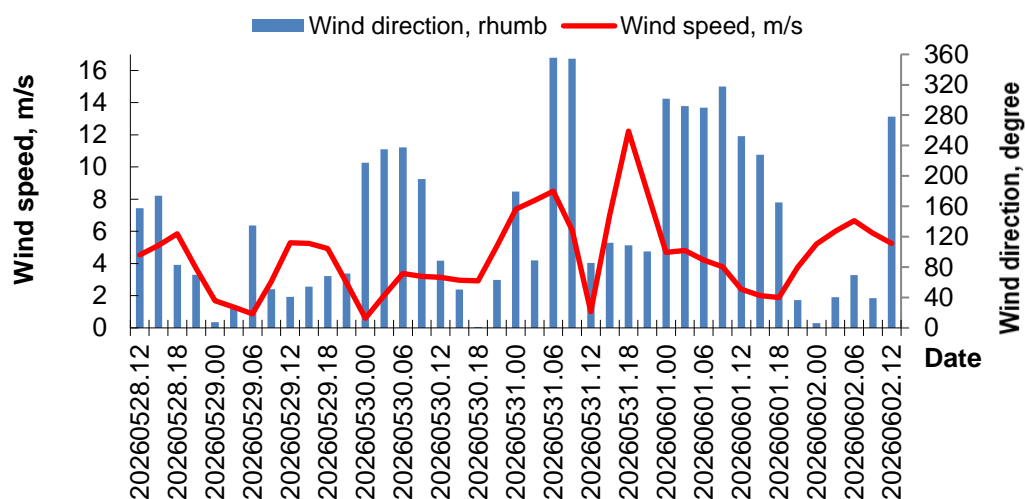




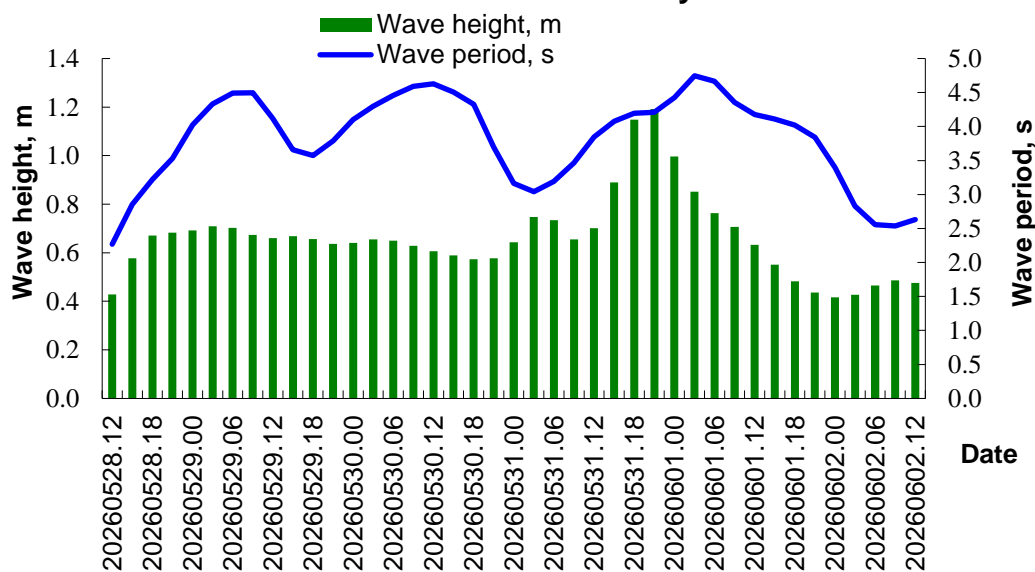
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**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 28 -- June 02, 2026 .**

Wind condition in the Kulaly

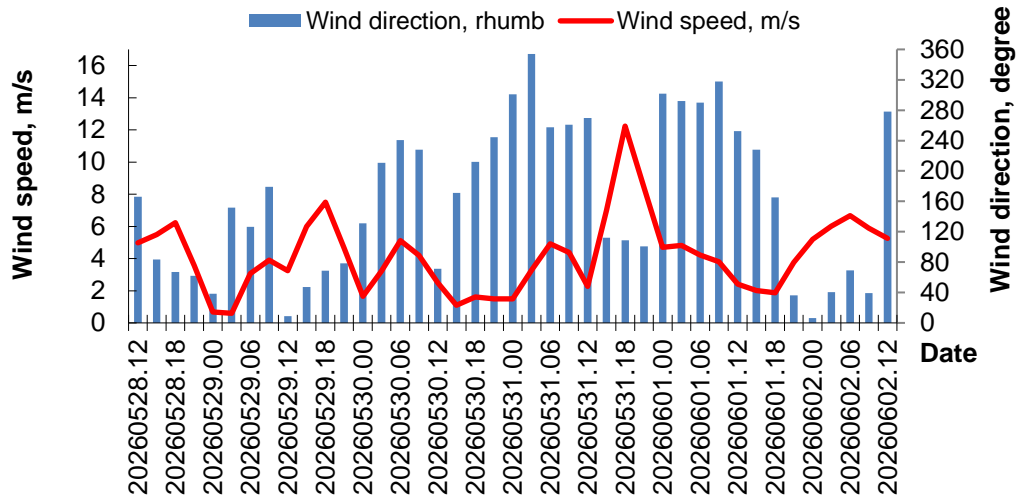


Wave condition in the Kulaly

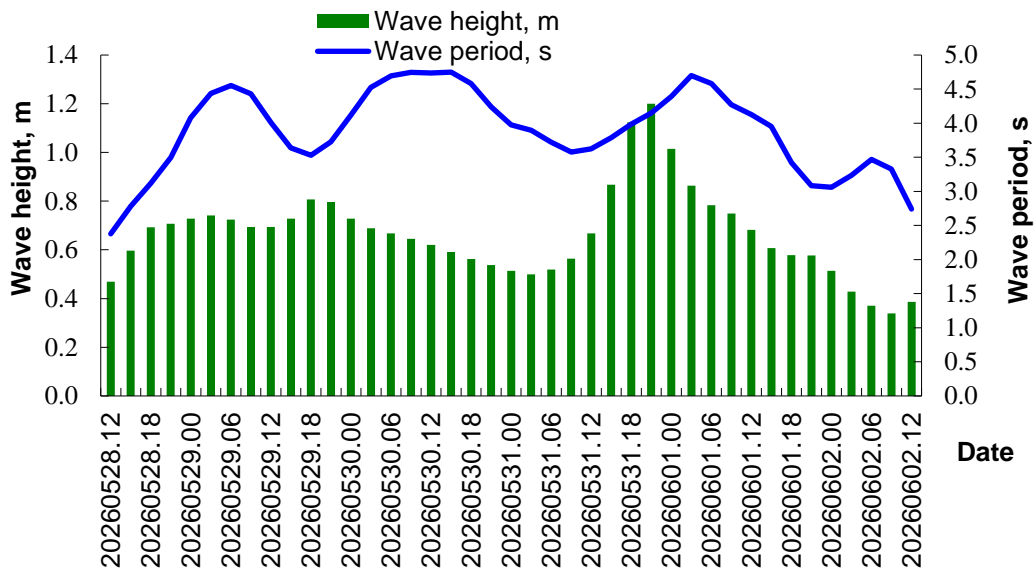


Date time	Kulaly				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260528.12	0.43	NW	2.3	5	SE
20260528.15	0.58	N	2.9	5	S
20260528.18	0.67	N	3.2	6	E
20260528.21	0.68	N	3.5	4	E
20260529.00	0.69	N	4.0	2	N
20260529.03	0.71	N	4.3	1	NE
20260529.06	0.70	N	4.5	1	SE
20260529.09	0.67	N	4.5	3	NE
20260529.12	0.66	N	4.1	5	NE
20260529.15	0.67	NE	3.7	5	NE
20260529.18	0.66	NE	3.6	5	E
20260529.21	0.64	NE	3.8	3	E
20260530.00	0.64	NE	4.1	1	SW
20260530.03	0.66	NE	4.3	2	SW
20260530.06	0.65	NE	4.5	3	SW
20260530.09	0.63	NE	4.6	3	S
20260530.12	0.61	E	4.6	3	E
20260530.15	0.59	E	4.5	3	NE
20260530.18	0.57	E	4.3	3	N
20260530.21	0.58	E	3.7	5	NE
20260531.00	0.64	NE	3.2	7	S
20260531.03	0.75	N	3.0	8	E
20260531.06	0.73	N	3.2	8	N
20260531.09	0.65	NE	3.5	6	N
20260531.12	0.70	SE	3.8	1	E
20260531.15	0.89	S	4.1	7	E
20260531.18	1.15	SW	4.2	12	E
20260531.21	1.19	SW	4.2	8	E
20260601.00	1.00	SW	4.4	5	NW
20260601.03	0.85	SW	4.7	5	W
20260601.06	0.76	SW	4.7	4	W
20260601.09	0.71	SW	4.4	4	NW
20260601.12	0.63	SW	4.2	2	W
20260601.15	0.55	S	4.1	2	SW
20260601.18	0.48	S	4.0	2	S
20260601.21	0.44	S	3.8	4	NE
20260602.00	0.42	S	3.4	5	N
20260602.03	0.43	SE	2.8	6	NE
20260602.06	0.47	NE	2.6	7	E
20260602.09	0.49	NE	2.5	6	NE
20260602.12	0.48	E	2.6	5	W

Wind condition in the Fort-Shevchenko

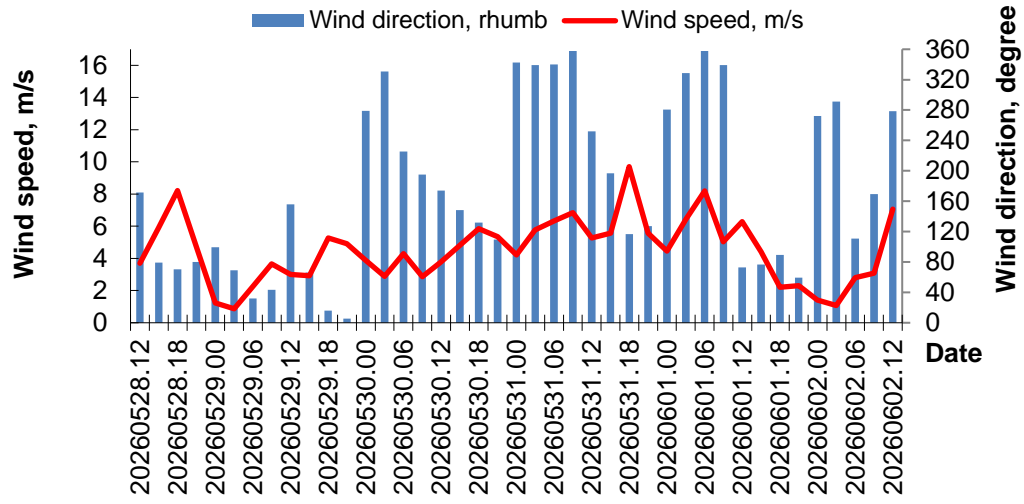


Wave condition in the Fort-Shevchenko

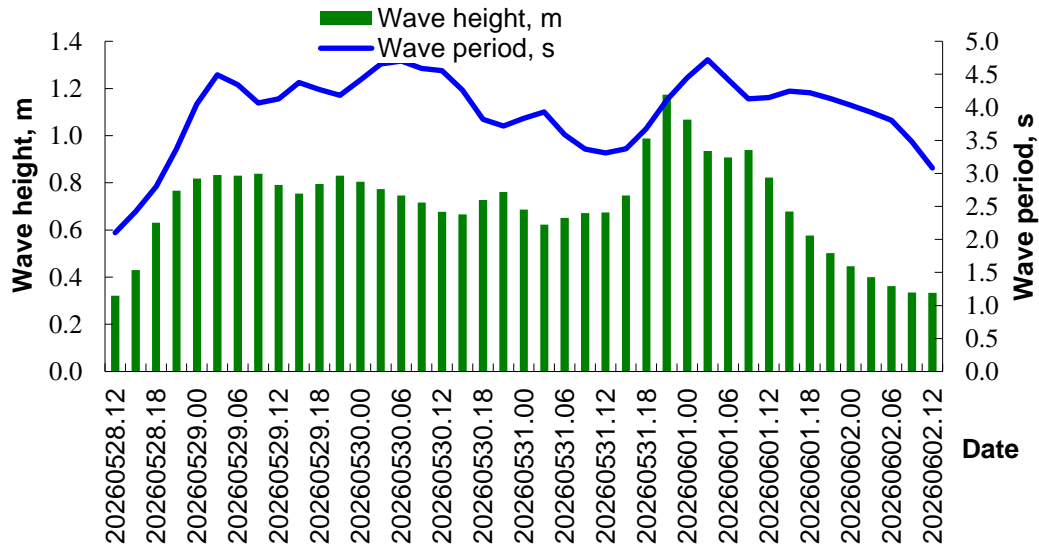


Date time	Fort-Shevchenko				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260528.12	0.47	N	2.4	5	S
20260528.15	0.60	N	2.8	5	E
20260528.18	0.69	N	3.1	6	NE
20260528.21	0.71	N	3.5	4	NE
20260529.00	0.73	N	4.1	1	NE
20260529.03	0.74	N	4.4	1	SE
20260529.06	0.72	N	4.6	3	SE
20260529.09	0.69	N	4.4	4	S
20260529.12	0.69	N	4.0	3	N
20260529.15	0.73	NE	3.6	6	NE
20260529.18	0.81	NE	3.5	7	E
20260529.21	0.80	NE	3.7	5	E
20260530.00	0.73	NE	4.1	2	SE
20260530.03	0.69	NE	4.5	3	SW
20260530.06	0.67	NE	4.7	5	SW
20260530.09	0.65	NE	4.7	4	SW
20260530.12	0.62	E	4.7	2	E
20260530.15	0.59	E	4.7	1	S
20260530.18	0.56	E	4.6	2	SW
20260530.21	0.54	E	4.2	1	SW
20260531.00	0.51	E	4.0	2	NW
20260531.03	0.50	NE	3.9	3	N
20260531.06	0.52	NE	3.7	5	W
20260531.09	0.56	NE	3.6	4	W
20260531.12	0.67	S	3.6	2	W
20260531.15	0.87	S	3.8	7	E
20260531.18	1.12	SW	4.0	12	E
20260531.21	1.20	W	4.2	8	E
20260601.00	1.01	SW	4.4	5	NW
20260601.03	0.86	SW	4.7	5	W
20260601.06	0.78	SW	4.6	4	W
20260601.09	0.75	SW	4.3	4	NW
20260601.12	0.68	SW	4.1	2	W
20260601.15	0.61	SW	4.0	2	SW
20260601.18	0.58	SW	3.4	2	S
20260601.21	0.58	NW	3.1	4	NE
20260602.00	0.51	NW	3.1	5	N
20260602.03	0.43	SE	3.2	6	NE
20260602.06	0.37	SE	3.5	7	E
20260602.09	0.34	E	3.3	6	NE
20260602.12	0.39	E	2.7	5	W

Wind condition in the Aktau

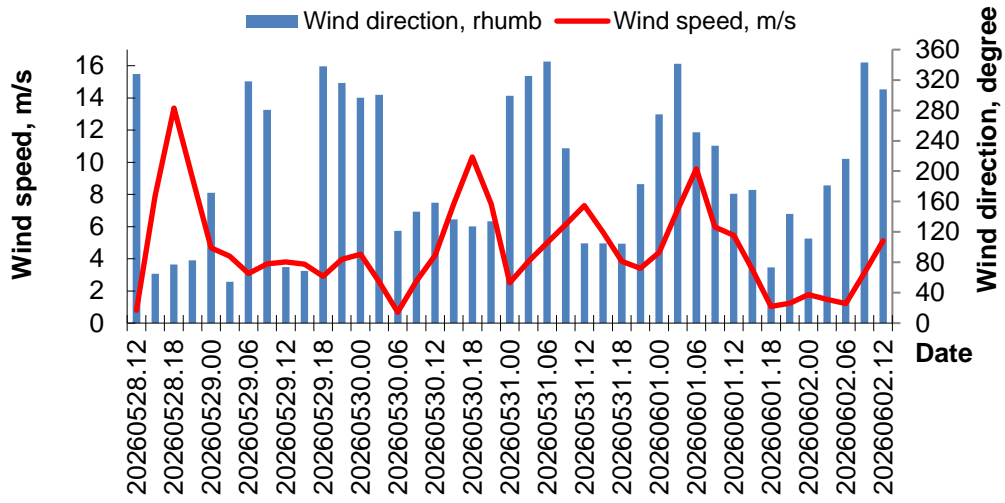


Wave condition in the Aktau

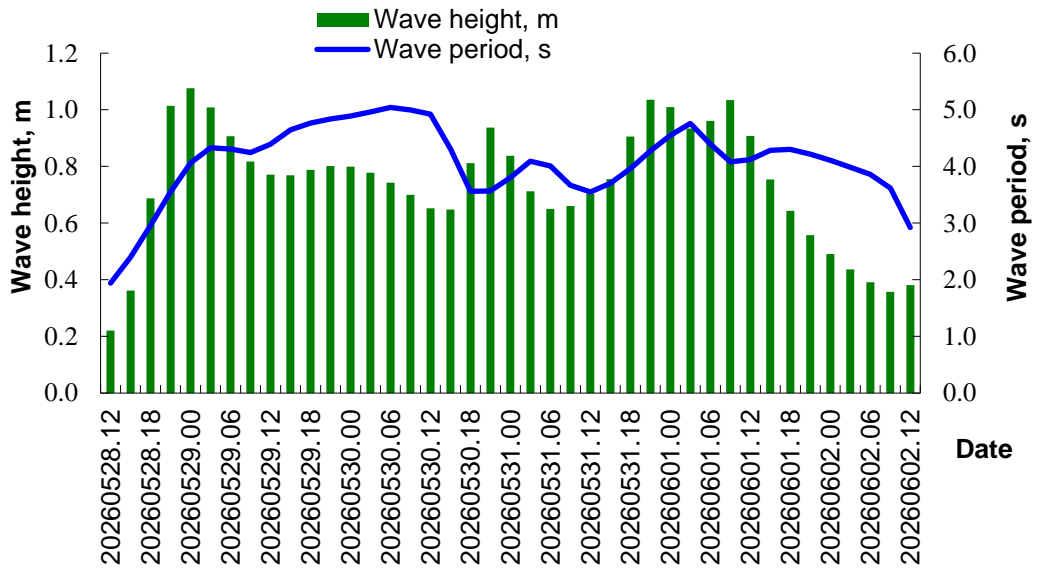


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260528.12	0.32	N	2.1	4	S
20260528.15	0.43	N	2.4	6	E
20260528.18	0.63	N	2.8	8	E
20260528.21	0.77	N	3.4	5	E
20260529.00	0.82	N	4.1	1	E
20260529.03	0.83	N	4.5	1	E
20260529.06	0.83	NE	4.3	2	NE
20260529.09	0.84	NE	4.1	4	NE
20260529.12	0.79	NE	4.1	3	SE
20260529.15	0.75	NE	4.4	3	NE
20260529.18	0.80	NE	4.3	5	N
20260529.21	0.83	NE	4.2	5	N
20260530.00	0.80	NE	4.4	4	W
20260530.03	0.77	NE	4.7	3	NW
20260530.06	0.75	NE	4.7	4	SW
20260530.09	0.72	NE	4.6	3	S
20260530.12	0.68	NE	4.6	4	S
20260530.15	0.67	NE	4.3	5	SE
20260530.18	0.73	NE	3.8	6	SE
20260530.21	0.76	N	3.7	5	E
20260531.00	0.69	N	3.8	4	N
20260531.03	0.62	N	3.9	6	N
20260531.06	0.65	N	3.6	6	N
20260531.09	0.67	SW	3.4	7	N
20260531.12	0.67	SW	3.3	5	W
20260531.15	0.75	SW	3.4	6	S
20260531.18	0.99	W	3.7	10	SE
20260531.21	1.17	W	4.1	6	SE
20260601.00	1.07	W	4.4	4	W
20260601.03	0.93	W	4.7	6	NW
20260601.06	0.91	SW	4.4	8	N
20260601.09	0.94	SW	4.1	5	N
20260601.12	0.82	SW	4.1	6	E
20260601.15	0.68	SW	4.2	4	E
20260601.18	0.58	SW	4.2	2	E
20260601.21	0.50	SW	4.1	2	NE
20260602.00	0.45	SW	4.0	1	W
20260602.03	0.40	SW	3.9	1	W
20260602.06	0.36	W	3.8	3	E
20260602.09	0.34	W	3.5	3	S
20260602.12	0.33	W	3.1	7	W

Wind condition in the Peschanyi

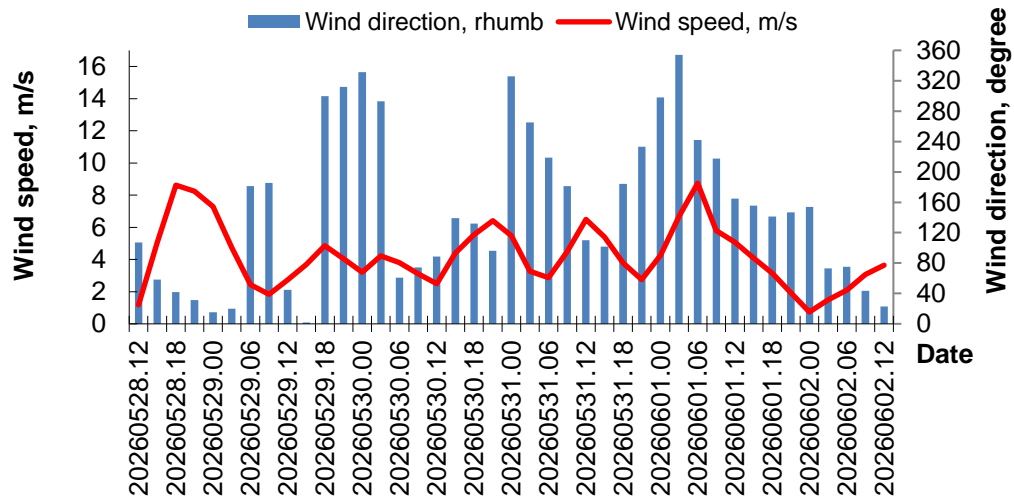


Wave condition in the Peschanyi

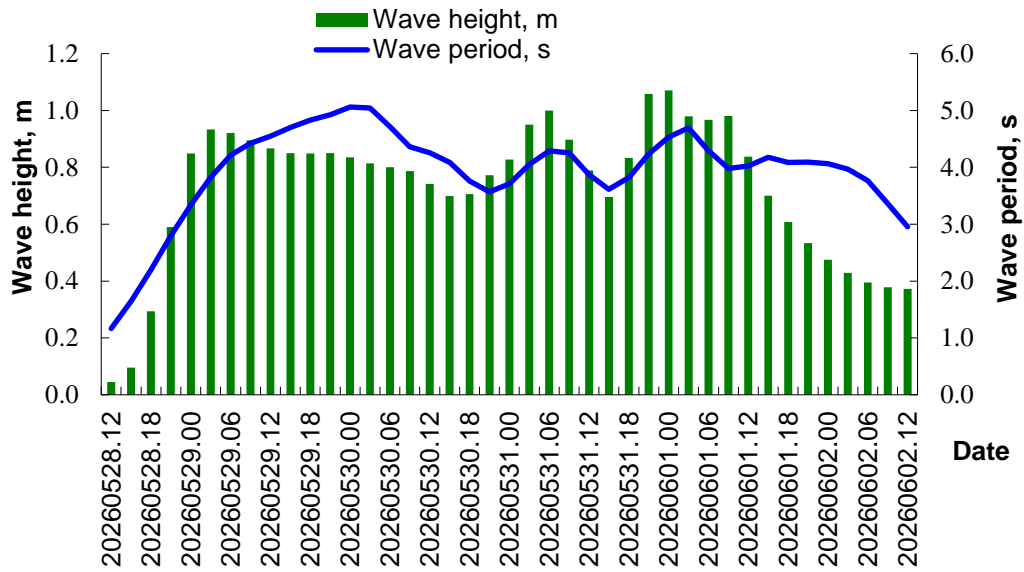


Date time	Peschanyi (Isan)				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260528.12	0.22	N	1.9	1	NW
20260528.15	0.36	N	2.4	8	NE
20260528.18	0.69	N	3.0	13	E
20260528.21	1.01	N	3.6	9	E
20260529.00	1.08	N	4.1	5	S
20260529.03	1.01	N	4.3	4	NE
20260529.06	0.91	N	4.3	3	NW
20260529.09	0.82	N	4.2	4	W
20260529.12	0.77	NE	4.4	4	E
20260529.15	0.77	NE	4.6	4	E
20260529.18	0.79	NE	4.8	3	N
20260529.21	0.80	NE	4.8	4	NW
20260530.00	0.80	NE	4.9	4	NW
20260530.03	0.78	NE	5.0	3	NW
20260530.06	0.74	NE	5.0	1	SE
20260530.09	0.70	NE	5.0	3	SE
20260530.12	0.65	NE	4.9	4	S
20260530.15	0.65	NE	4.3	7	SE
20260530.18	0.81	N	3.6	10	SE
20260530.21	0.94	NW	3.6	7	SE
20260531.00	0.84	NW	3.8	3	NW
20260531.03	0.71	NW	4.1	4	NW
20260531.06	0.65	NW	4.0	5	N
20260531.09	0.66	NW	3.7	6	SW
20260531.12	0.70	W	3.5	7	E
20260531.15	0.76	W	3.7	6	E
20260531.18	0.91	W	4.0	4	E
20260531.21	1.04	W	4.3	3	S
20260601.00	1.01	W	4.6	4	W
20260601.03	0.93	W	4.8	7	N
20260601.06	0.96	W	4.4	10	W
20260601.09	1.03	SW	4.1	6	SW
20260601.12	0.91	SW	4.1	5	S
20260601.15	0.75	SW	4.3	3	S
20260601.18	0.64	SW	4.3	1	E
20260601.21	0.56	SW	4.2	1	SE
20260602.00	0.49	W	4.1	2	E
20260602.03	0.44	W	4.0	1	S
20260602.06	0.39	W	3.9	1	SW
20260602.09	0.36	W	3.6	3	N
20260602.12	0.38	S	2.9	5	NW

Wind condition in the Fetisovo

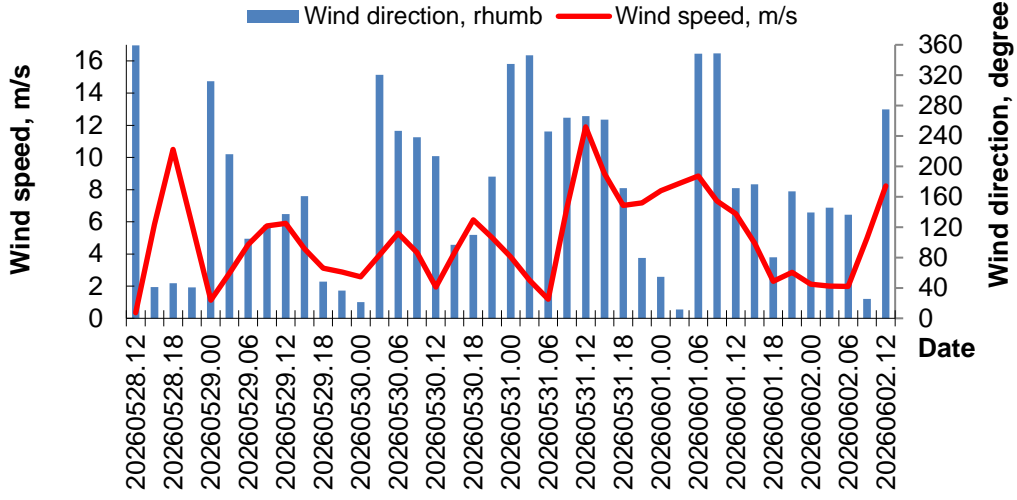


Wave condition in the Fetisovo

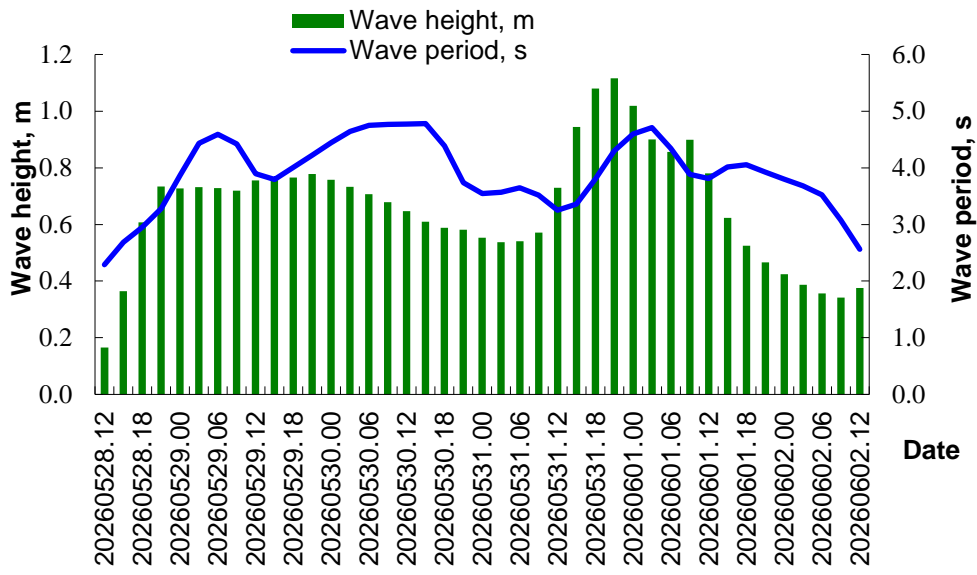


Date time	Fetisovo				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260528.12	0.04	W	1.2	1	E
20260528.15	0.09	N	1.7	5	NE
20260528.18	0.29	N	2.2	9	NE
20260528.21	0.59	N	2.8	8	NE
20260529.00	0.85	NE	3.3	7	N
20260529.03	0.93	NE	3.8	5	N
20260529.06	0.92	NE	4.2	2	S
20260529.09	0.90	N	4.4	2	S
20260529.12	0.87	NE	4.5	3	NE
20260529.15	0.85	NE	4.7	4	N
20260529.18	0.85	NE	4.8	5	NW
20260529.21	0.85	NE	4.9	4	NW
20260530.00	0.84	NE	5.1	3	NW
20260530.03	0.81	NE	5.0	4	NW
20260530.06	0.80	NE	4.7	4	NE
20260530.09	0.79	NE	4.4	3	E
20260530.12	0.74	NE	4.3	2	E
20260530.15	0.70	NE	4.1	4	SE
20260530.18	0.71	NE	3.8	6	SE
20260530.21	0.77	N	3.6	6	E
20260531.00	0.83	N	3.7	5	NW
20260531.03	0.95	NW	4.1	3	W
20260531.06	1.00	NW	4.3	3	SW
20260531.09	0.90	NW	4.3	4	S
20260531.12	0.79	NW	3.9	6	E
20260531.15	0.70	NW	3.6	5	E
20260531.18	0.83	NW	3.8	4	S
20260531.21	1.06	W	4.2	3	SW
20260601.00	1.07	W	4.5	4	NW
20260601.03	0.98	W	4.7	7	N
20260601.06	0.97	W	4.3	9	SW
20260601.09	0.98	W	4.0	6	SW
20260601.12	0.84	W	4.0	5	S
20260601.15	0.70	W	4.2	4	SE
20260601.18	0.61	W	4.1	3	SE
20260601.21	0.53	W	4.1	2	SE
20260602.00	0.48	W	4.1	1	SE
20260602.03	0.43	W	4.0	1	E
20260602.06	0.39	W	3.8	2	E
20260602.09	0.38	NW	3.4	3	NE
20260602.12	0.37	NW	3.0	4	NE

Wind condition in the Saura

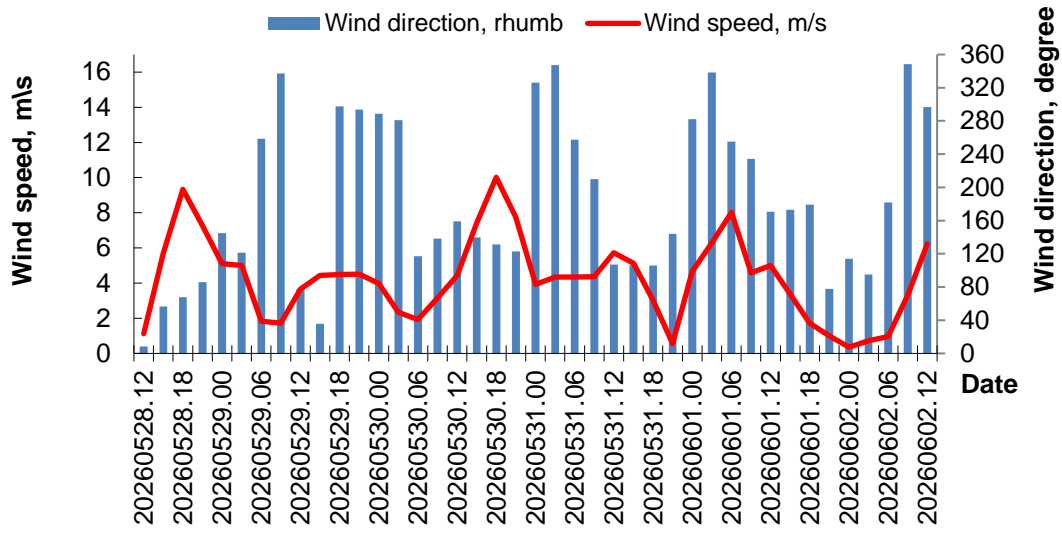


Wave condition in the Saura

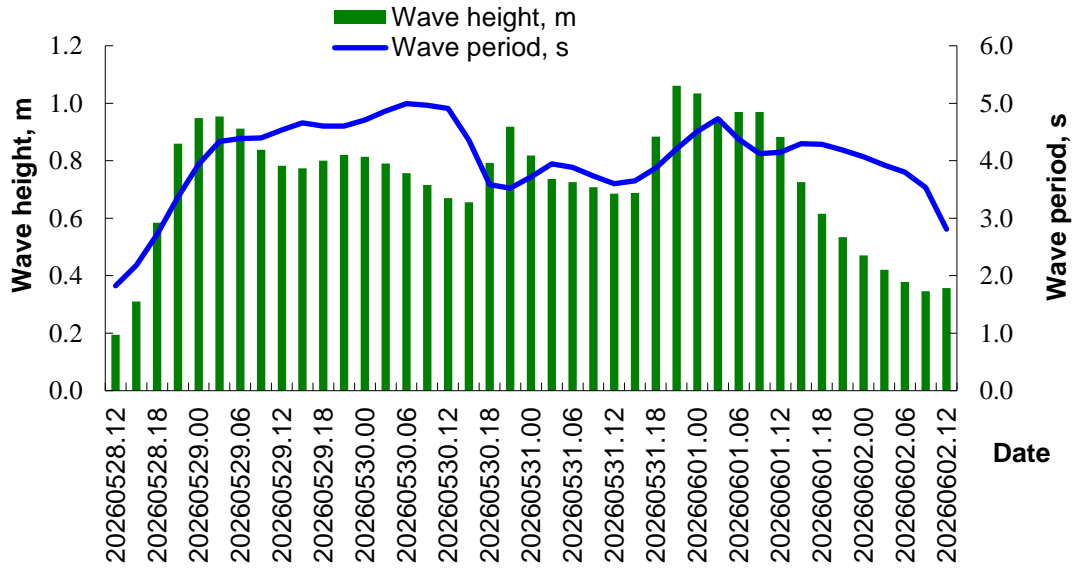


Date time	Saura				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260528.12	0.17	N	2.3	0	N
20260528.15	0.36	N	2.7	6	NE
20260528.18	0.61	N	3.0	10	NE
20260528.21	0.73	N	3.3	6	NE
20260529.00	0.73	N	3.9	1	NW
20260529.03	0.73	N	4.4	3	SW
20260529.06	0.73	N	4.6	5	E
20260529.09	0.72	N	4.4	6	SE
20260529.12	0.75	N	3.9	6	SE
20260529.15	0.76	N	3.8	4	S
20260529.18	0.77	NE	4.0	3	NE
20260529.21	0.78	NE	4.2	3	NE
20260530.00	0.76	NE	4.4	3	N
20260530.03	0.73	NE	4.6	4	NW
20260530.06	0.71	NE	4.8	5	SW
20260530.09	0.68	NE	4.8	4	SW
20260530.12	0.65	E	4.8	2	SW
20260530.15	0.61	E	4.8	4	E
20260530.18	0.59	NE	4.4	6	E
20260530.21	0.58	NE	3.7	5	S
20260531.00	0.55	NE	3.5	4	NW
20260531.03	0.54	NE	3.6	2	N
20260531.06	0.54	NE	3.6	1	SW
20260531.09	0.57	E	3.5	7	W
20260531.12	0.73	S	3.2	12	W
20260531.15	0.94	S	3.4	9	W
20260531.18	1.08	SW	3.8	7	S
20260531.21	1.12	SW	4.3	7	E
20260601.00	1.02	SW	4.6	8	NE
20260601.03	0.90	SW	4.7	8	N
20260601.06	0.86	SW	4.3	9	N
20260601.09	0.90	SW	3.9	7	N
20260601.12	0.78	SW	3.8	7	S
20260601.15	0.62	SW	4.0	5	S
20260601.18	0.53	SW	4.1	2	E
20260601.21	0.47	SW	3.9	3	S
20260602.00	0.42	SW	3.8	2	SE
20260602.03	0.39	SW	3.7	2	SE
20260602.06	0.36	SW	3.5	2	SE
20260602.09	0.34	N	3.1	5	NE
20260602.12	0.38	E	2.6	8	W

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
20260528.12	0.19	N	1.8	1	N
20260528.15	0.31	N	2.2	6	NE
20260528.18	0.58	N	2.7	9	E
20260528.21	0.86	N	3.4	7	E
20260529.00	0.95	N	3.9	5	SE
20260529.03	0.95	N	4.3	5	SE
20260529.06	0.91	N	4.4	2	W
20260529.09	0.84	N	4.4	2	NW
20260529.12	0.78	NE	4.5	4	E
20260529.15	0.77	NE	4.7	4	NE
20260529.18	0.80	NE	4.6	4	NW
20260529.21	0.82	NE	4.6	5	NW
20260530.00	0.81	NE	4.7	4	W
20260530.03	0.79	NE	4.9	2	W
20260530.06	0.76	NE	5.0	2	SE
20260530.09	0.72	NE	5.0	3	SE
20260530.12	0.67	NE	4.9	4	S
20260530.15	0.66	NE	4.4	7	SE
20260530.18	0.79	N	3.6	10	SE
20260530.21	0.92	N	3.5	8	SE
20260531.00	0.82	N	3.7	4	NW
20260531.03	0.74	NW	3.9	4	N
20260531.06	0.73	NW	3.9	4	W
20260531.09	0.71	NW	3.7	4	SW
20260531.12	0.69	W	3.6	6	E
20260531.15	0.69	W	3.7	5	E
20260531.18	0.88	W	3.9	3	E
20260531.21	1.06	W	4.2	1	SE
20260601.00	1.03	W	4.5	5	W
20260601.03	0.95	W	4.7	6	N
20260601.06	0.97	W	4.4	8	W
20260601.09	0.97	W	4.1	5	SW
20260601.12	0.88	SW	4.1	5	S
20260601.15	0.73	SW	4.3	3	S
20260601.18	0.62	W	4.3	2	S
20260601.21	0.53	W	4.2	1	E
20260602.00	0.47	W	4.1	0	SE
20260602.03	0.42	W	3.9	1	E
20260602.06	0.38	W	3.8	1	S
20260602.09	0.35	W	3.5	3	N
20260602.12	0.36	SW	2.8	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: Kurmangalieva A.

RSE «Kazhydromet» – Caspian Sea Hydrometeorological Research Department

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