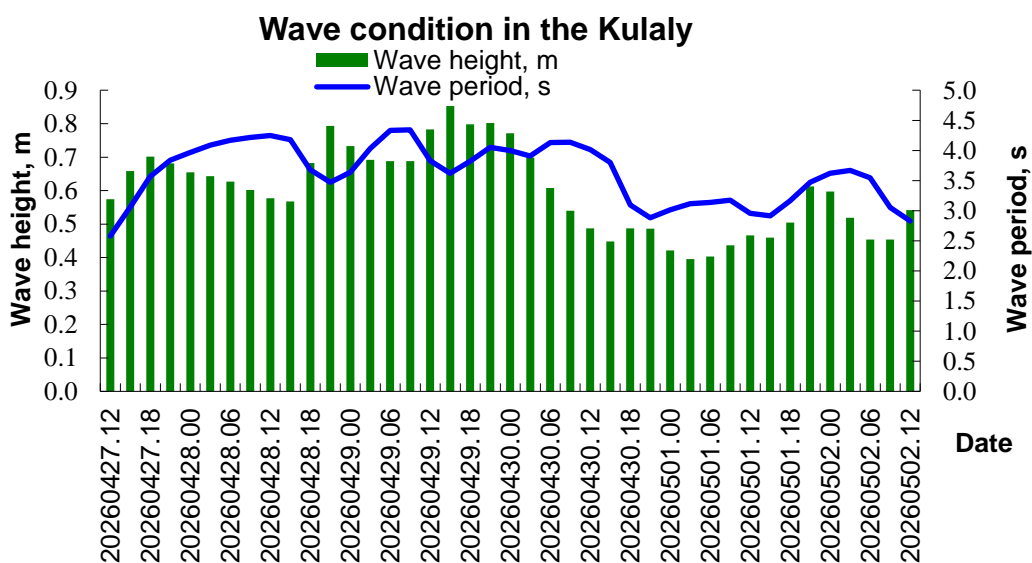
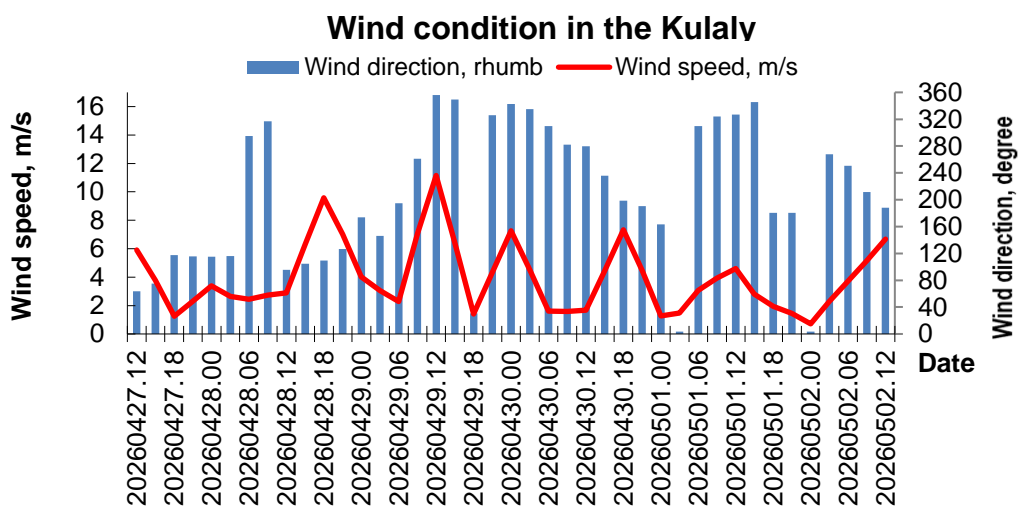




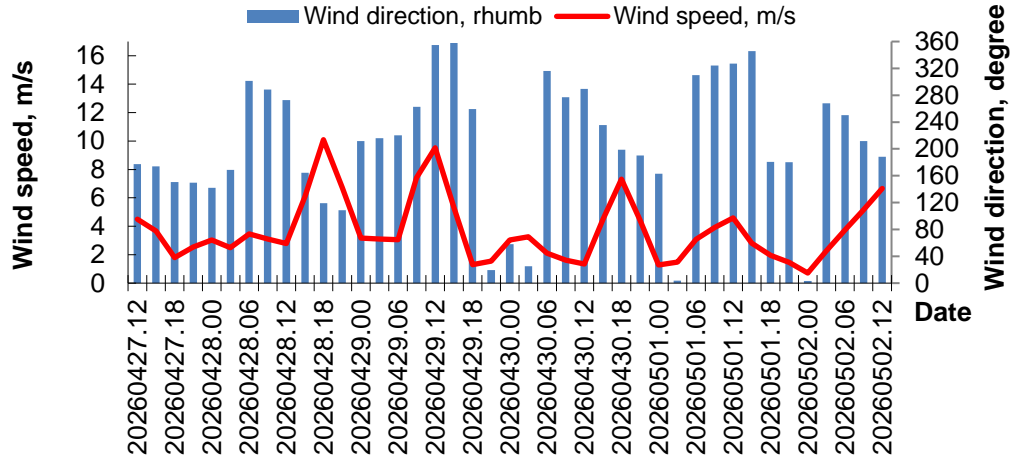
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance
using SWAN spectral model for the period April 27 -- May 02, 2026 .**

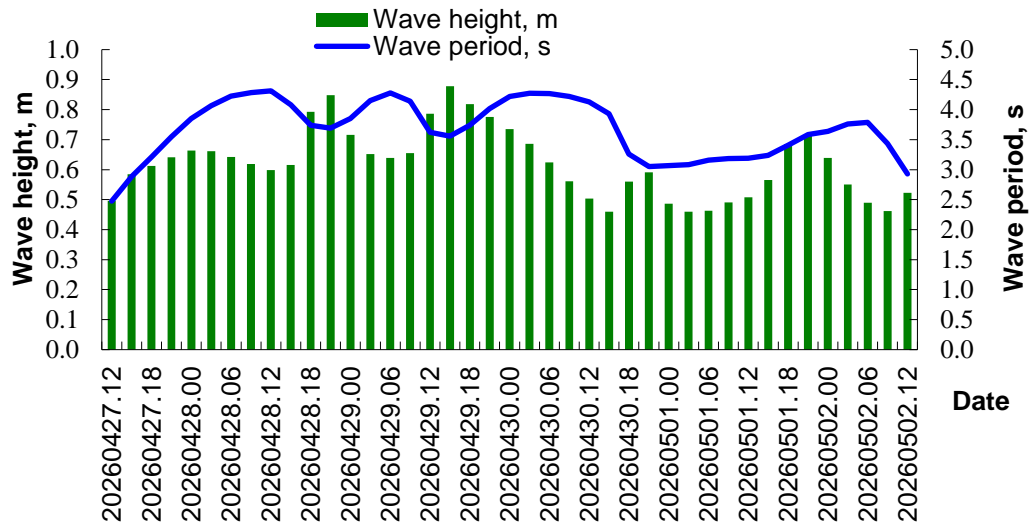


Date time	Kulaly				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260427.12	0.57	NE	2.6	6	NE
20260427.15	0.66	N	3.1	4	E
20260427.18	0.70	N	3.6	1	SE
20260427.21	0.68	N	3.8	2	SE
20260428.00	0.65	N	4.0	3	SE
20260428.03	0.64	NE	4.1	3	SE
20260428.06	0.63	N	4.2	2	NW
20260428.09	0.60	N	4.2	3	NW
20260428.12	0.58	NE	4.2	3	E
20260428.15	0.57	NE	4.2	6	E
20260428.18	0.68	N	3.7	10	E
20260428.21	0.79	NW	3.5	7	SE
20260429.00	0.73	NW	3.6	4	S
20260429.03	0.69	NW	4.0	3	SE
20260429.06	0.69	NW	4.3	2	S
20260429.09	0.69	NW	4.3	7	W
20260429.12	0.78	SW	3.8	11	N
20260429.15	0.85	S	3.6	6	N
20260429.18	0.80	SW	3.8	1	NE
20260429.21	0.80	W	4.0	4	NW
20260430.00	0.77	SW	4.0	7	N
20260430.03	0.70	SW	3.9	4	NW
20260430.06	0.61	SW	4.1	2	NW
20260430.09	0.54	SW	4.1	2	W
20260430.12	0.49	SW	4.0	2	W
20260430.15	0.45	SW	3.8	4	SW
20260430.18	0.49	SW	3.1	7	S
20260430.21	0.49	SW	2.9	4	S
20260501.00	0.42	SW	3.0	1	S
20260501.03	0.40	SW	3.1	1	N
20260501.06	0.40	SW	3.1	3	NW
20260501.09	0.44	SW	3.2	4	NW
20260501.12	0.47	S	3.0	5	NW
20260501.15	0.46	SW	2.9	3	N
20260501.18	0.50	W	3.2	2	S
20260501.21	0.61	W	3.5	1	S
20260502.00	0.60	W	3.6	1	N
20260502.03	0.52	W	3.7	2	W
20260502.06	0.45	W	3.5	4	W
20260502.09	0.45	SW	3.0	5	SW
20260502.12	0.54	SW	2.8	7	S

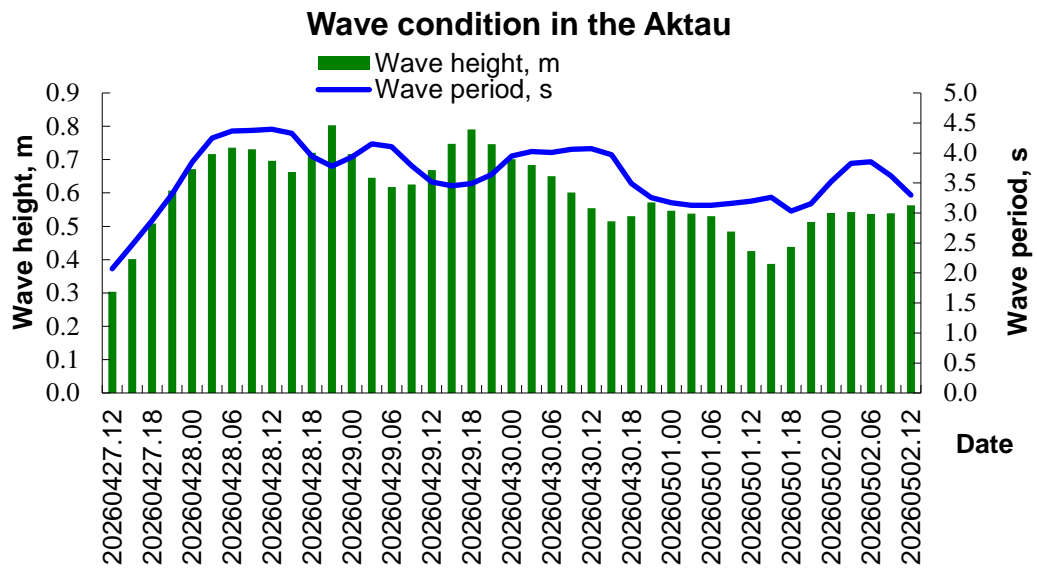
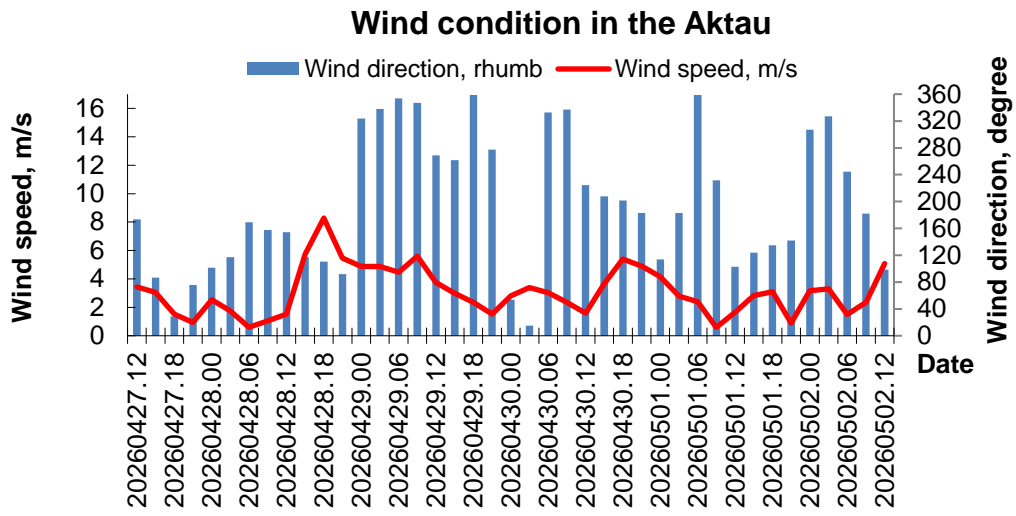
Wind condition in the Fort-Shevchenko



Wave condition in the Fort-Shevchenko

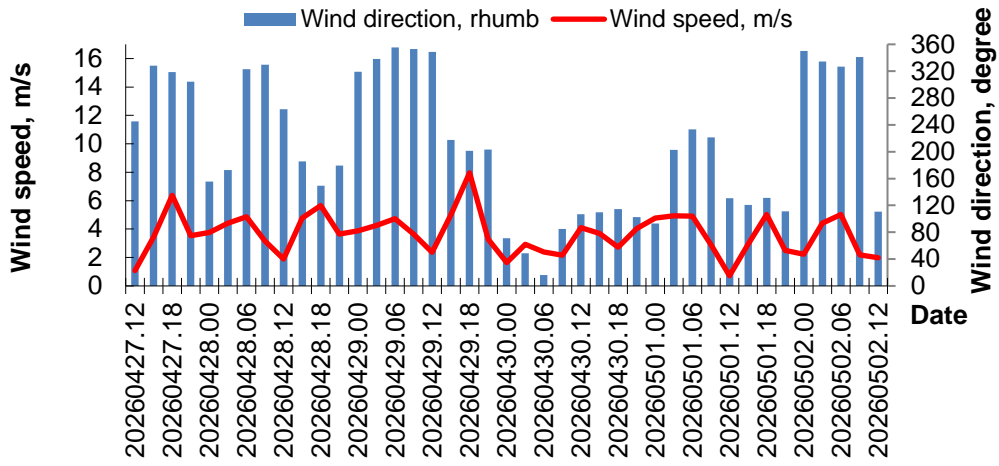


Date time	Fort-Shevchenko				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260427.12	0.50	N	2.5	5	S
20260427.15	0.58	N	2.9	4	S
20260427.18	0.61	N	3.2	2	SE
20260427.21	0.64	NE	3.5	3	SE
20260428.00	0.66	NE	3.8	3	SE
20260428.03	0.66	NE	4.1	2	S
20260428.06	0.64	NE	4.2	3	NW
20260428.09	0.62	NE	4.3	3	W
20260428.12	0.60	NE	4.3	3	W
20260428.15	0.62	NE	4.1	6	S
20260428.18	0.79	N	3.7	10	SE
20260428.21	0.85	NW	3.7	7	E
20260429.00	0.72	NW	3.8	3	SW
20260429.03	0.65	N	4.1	3	SW
20260429.06	0.64	NW	4.3	3	SW
20260429.09	0.65	NW	4.1	7	W
20260429.12	0.79	SW	3.6	10	N
20260429.15	0.88	S	3.6	5	N
20260429.18	0.82	SW	3.7	1	W
20260429.21	0.78	SW	4.0	2	N
20260430.00	0.73	SW	4.2	3	NE
20260430.03	0.69	SW	4.3	3	NE
20260430.06	0.62	SW	4.3	2	NW
20260430.09	0.56	SW	4.2	2	W
20260430.12	0.50	SW	4.1	1	W
20260430.15	0.46	SW	3.9	4	SW
20260430.18	0.56	SW	3.3	7	S
20260430.21	0.59	SW	3.0	4	S
20260501.00	0.49	SW	3.1	1	S
20260501.03	0.46	SW	3.1	1	N
20260501.06	0.46	SW	3.2	3	NW
20260501.09	0.49	SW	3.2	4	NW
20260501.12	0.51	SW	3.2	5	NW
20260501.15	0.56	W	3.2	3	N
20260501.18	0.68	W	3.4	2	S
20260501.21	0.71	W	3.6	1	S
20260502.00	0.64	W	3.6	1	N
20260502.03	0.55	W	3.8	2	W
20260502.06	0.49	W	3.8	4	W
20260502.09	0.46	W	3.4	5	SW
20260502.12	0.52	W	2.9	7	S

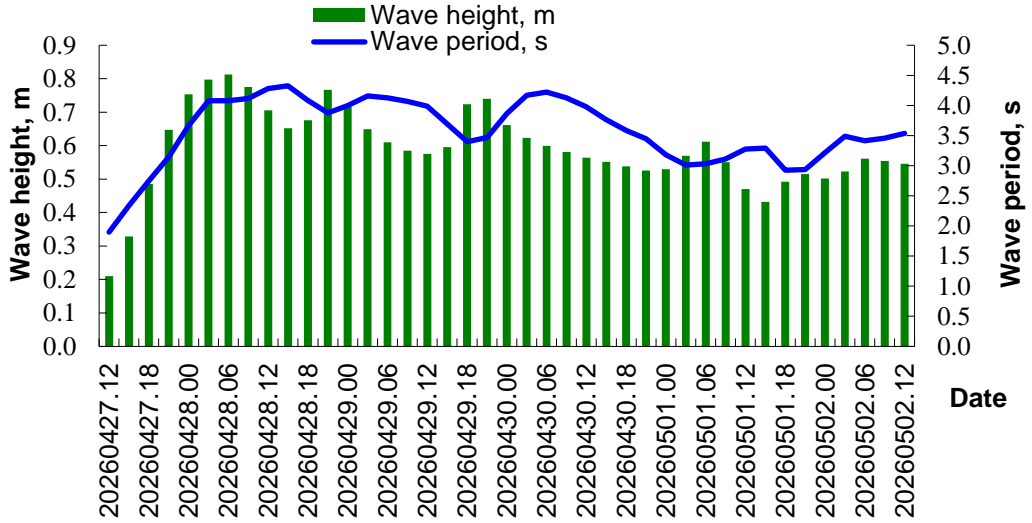


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260427.12	0.30	N	2.1	3	S
20260427.15	0.40	N	2.5	3	E
20260427.18	0.51	N	2.9	2	NE
20260427.21	0.61	N	3.3	1	E
20260428.00	0.67	NE	3.8	3	E
20260428.03	0.72	NE	4.2	2	SE
20260428.06	0.74	NE	4.4	1	S
20260428.09	0.73	NE	4.4	1	S
20260428.12	0.70	E	4.4	2	SE
20260428.15	0.66	E	4.3	6	SE
20260428.18	0.72	NE	3.9	8	E
20260428.21	0.80	NW	3.8	5	E
20260429.00	0.72	NW	3.9	5	NW
20260429.03	0.65	N	4.2	5	N
20260429.06	0.62	N	4.1	4	N
20260429.09	0.63	N	3.8	6	N
20260429.12	0.67	S	3.5	4	W
20260429.15	0.75	S	3.5	3	W
20260429.18	0.79	SW	3.5	2	N
20260429.21	0.75	SW	3.6	2	W
20260430.00	0.70	SW	3.9	3	NE
20260430.03	0.68	SW	4.0	3	N
20260430.06	0.65	SW	4.0	3	NW
20260430.09	0.60	SW	4.1	2	NW
20260430.12	0.55	SW	4.1	2	SW
20260430.15	0.51	SW	4.0	4	SW
20260430.18	0.53	SW	3.5	5	S
20260430.21	0.57	SW	3.3	5	S
20260501.00	0.55	W	3.2	4	SE
20260501.03	0.54	W	3.1	3	S
20260501.06	0.53	SW	3.1	2	N
20260501.09	0.48	SW	3.2	1	SW
20260501.12	0.43	SW	3.2	2	E
20260501.15	0.39	SW	3.3	3	SE
20260501.18	0.44	W	3.0	3	SE
20260501.21	0.51	W	3.2	1	SE
20260502.00	0.54	W	3.5	3	NW
20260502.03	0.54	W	3.8	3	NW
20260502.06	0.54	W	3.9	1	SW
20260502.09	0.54	W	3.6	2	S
20260502.12	0.56	W	3.3	5	E

Wind condition in the Peschanyi

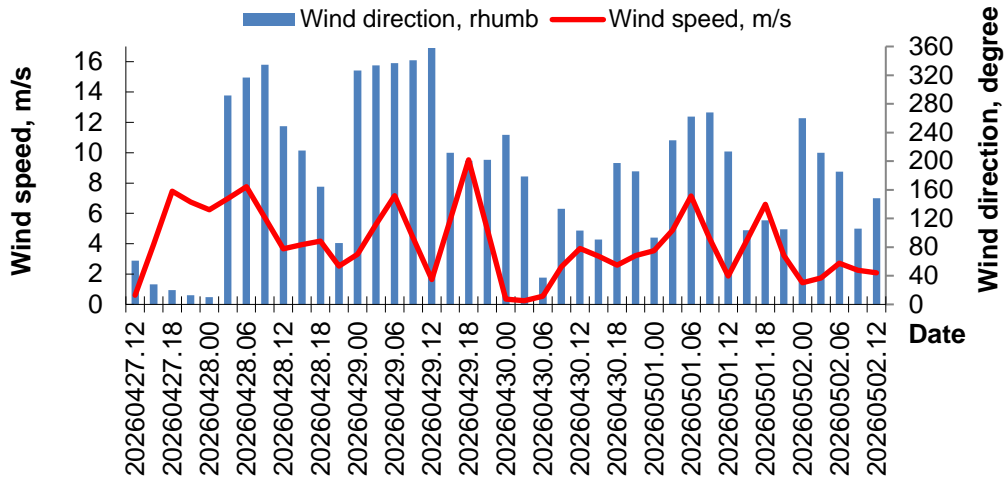


Wave condition in the Peschanyi

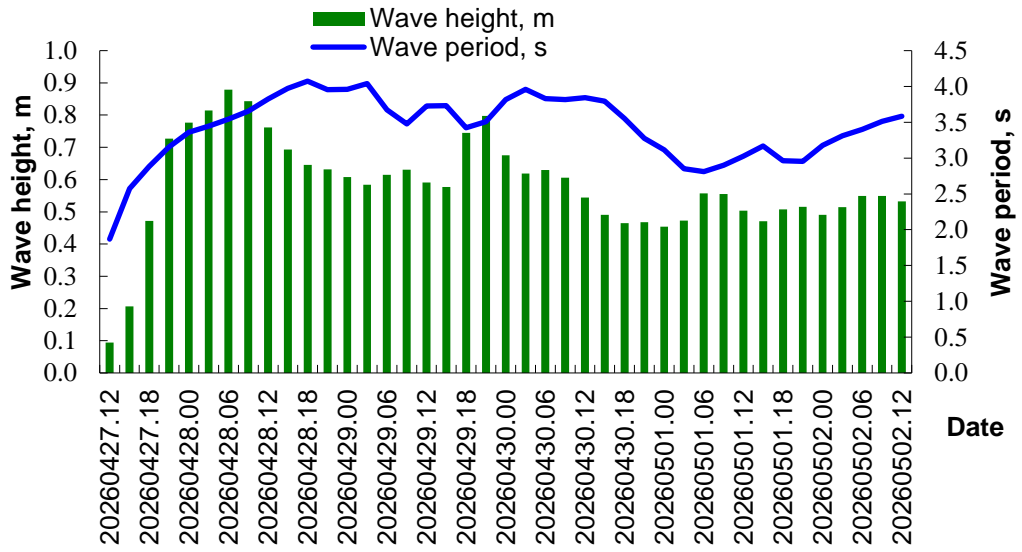


Date time	Peschanyi (Isan)				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260427.12	0.21	NW	1.9	1	SW
20260427.15	0.33	NW	2.3	3	NW
20260427.18	0.49	N	2.7	6	NW
20260427.21	0.65	NE	3.1	4	NW
20260428.00	0.75	NE	3.7	4	SE
20260428.03	0.80	NE	4.1	4	S
20260428.06	0.81	NE	4.1	5	NW
20260428.09	0.78	E	4.1	3	NW
20260428.12	0.71	E	4.3	2	W
20260428.15	0.65	E	4.3	5	S
20260428.18	0.68	NE	4.1	6	SE
20260428.21	0.77	NW	3.9	4	S
20260429.00	0.72	NW	4.0	4	NW
20260429.03	0.65	NW	4.2	4	N
20260429.06	0.61	N	4.1	5	N
20260429.09	0.59	N	4.1	4	N
20260429.12	0.58	NW	4.0	2	N
20260429.15	0.60	SW	3.7	5	SW
20260429.18	0.72	SW	3.4	8	S
20260429.21	0.74	W	3.5	3	SW
20260430.00	0.66	W	3.9	2	E
20260430.03	0.62	W	4.2	3	NE
20260430.06	0.60	W	4.2	2	N
20260430.09	0.58	W	4.1	2	E
20260430.12	0.56	SW	4.0	4	E
20260430.15	0.55	W	3.8	4	E
20260430.18	0.54	W	3.6	3	SE
20260430.21	0.53	W	3.4	4	E
20260501.00	0.53	W	3.2	5	E
20260501.03	0.57	W	3.0	5	SW
20260501.06	0.61	SW	3.0	5	SW
20260501.09	0.55	SW	3.1	3	SW
20260501.12	0.47	SW	3.3	1	SE
20260501.15	0.43	SW	3.3	3	SE
20260501.18	0.49	W	2.9	5	SE
20260501.21	0.52	W	2.9	2	E
20260502.00	0.50	W	3.2	2	N
20260502.03	0.52	W	3.5	4	NW
20260502.06	0.56	SW	3.4	5	NW
20260502.09	0.55	SW	3.5	2	N
20260502.12	0.55	W	3.5	2	E

Wind condition in the Fetisovo

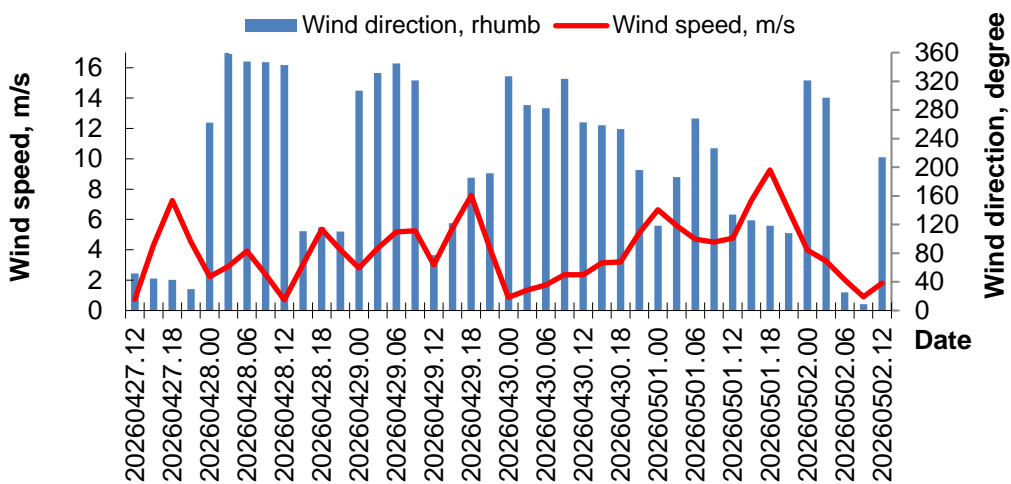


Wave condition in the Fetisovo

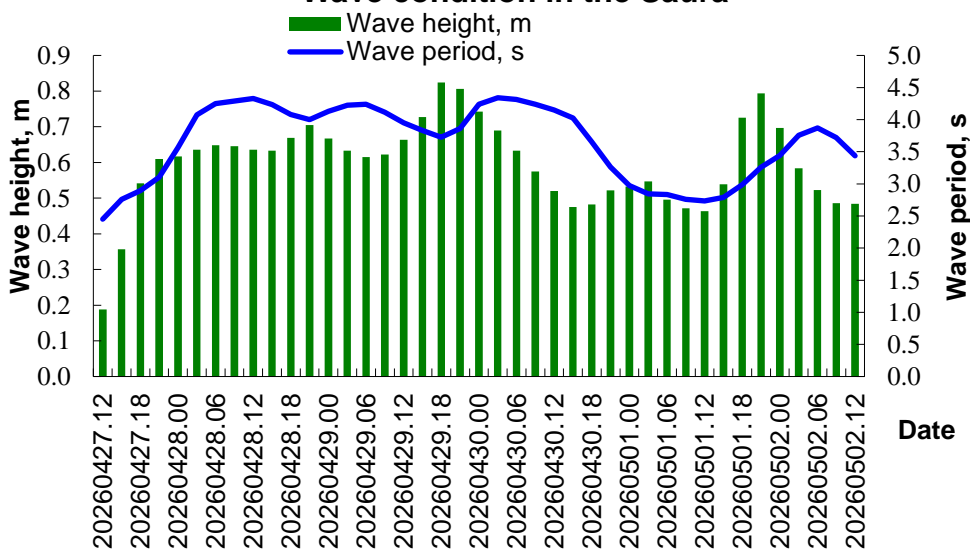


Date time	Fetisovo				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260427.12	0.09	N	1.9	1	NE
20260427.15	0.21	E	2.6	4	NE
20260427.18	0.47	E	2.9	7	N
20260427.21	0.73	E	3.2	7	N
20260428.00	0.78	E	3.4	6	N
20260428.03	0.81	E	3.4	7	W
20260428.06	0.88	E	3.5	8	NW
20260428.09	0.84	E	3.7	6	NW
20260428.12	0.76	E	3.8	4	W
20260428.15	0.69	E	4.0	4	SW
20260428.18	0.65	E	4.1	4	S
20260428.21	0.63	NE	4.0	3	E
20260429.00	0.61	NE	4.0	3	NW
20260429.03	0.58	N	4.0	5	NW
20260429.06	0.62	NE	3.7	7	NW
20260429.09	0.63	E	3.5	4	N
20260429.12	0.59	N	3.7	2	N
20260429.15	0.58	W	3.7	6	SW
20260429.18	0.75	W	3.4	10	S
20260429.21	0.80	W	3.5	5	S
20260430.00	0.68	W	3.8	0	SW
20260430.03	0.62	W	4.0	0	S
20260430.06	0.63	SW	3.8	1	NE
20260430.09	0.61	SW	3.8	2	SE
20260430.12	0.54	SW	3.8	4	E
20260430.15	0.49	W	3.8	3	E
20260430.18	0.47	W	3.6	3	S
20260430.21	0.47	W	3.3	3	S
20260501.00	0.45	W	3.1	4	E
20260501.03	0.47	W	2.9	5	SW
20260501.06	0.56	SW	2.8	7	W
20260501.09	0.55	SW	2.9	4	W
20260501.12	0.50	SW	3.0	2	SW
20260501.15	0.47	SW	3.2	4	E
20260501.18	0.51	W	3.0	7	SE
20260501.21	0.52	W	3.0	3	E
20260502.00	0.49	W	3.2	1	W
20260502.03	0.51	SW	3.3	2	SW
20260502.06	0.55	SW	3.4	3	S
20260502.09	0.55	SW	3.5	2	E
20260502.12	0.53	SW	3.6	2	SE

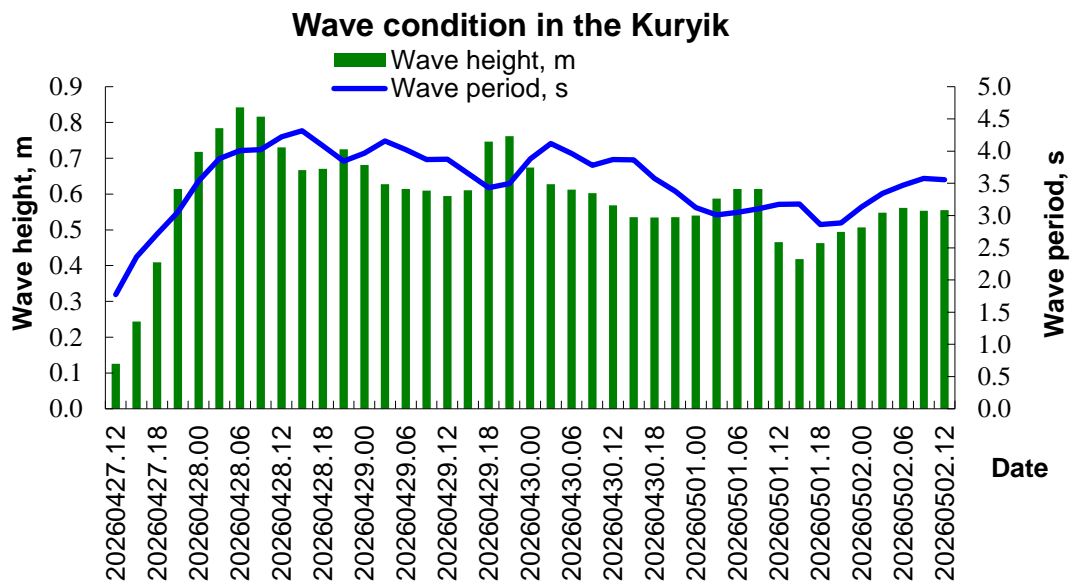
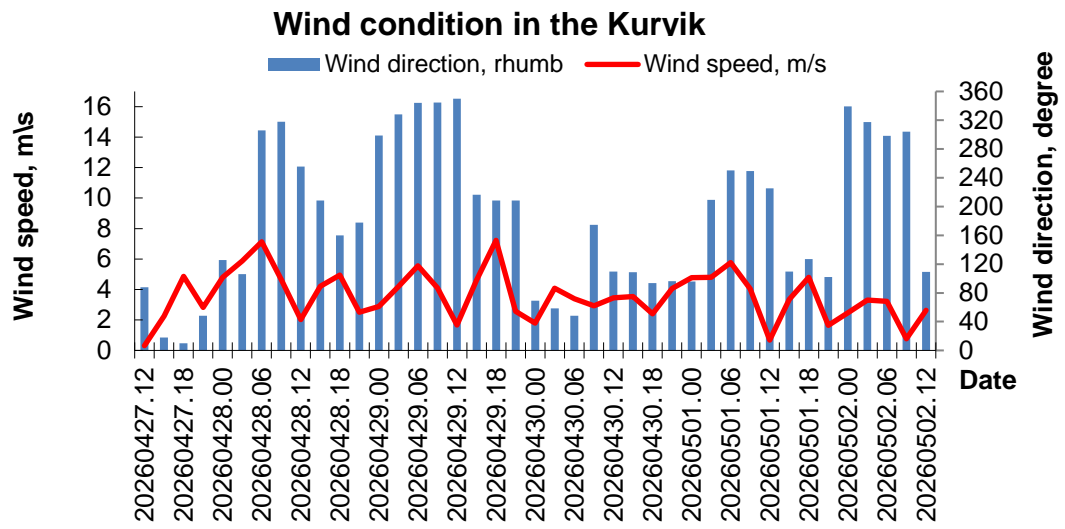
Wind condition in the Saura



Wave condition in the Saura



Date time	Saura				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260427.12	0.19	N	2.5	1	NE
20260427.15	0.36	N	2.8	4	NE
20260427.18	0.54	N	2.9	7	NE
20260427.21	0.61	NE	3.1	5	NE
20260428.00	0.62	NE	3.6	2	W
20260428.03	0.64	NE	4.1	3	N
20260428.06	0.65	NE	4.2	4	N
20260428.09	0.65	NE	4.3	2	N
20260428.12	0.64	NE	4.3	1	N
20260428.15	0.63	NE	4.2	3	E
20260428.18	0.67	NE	4.1	5	SE
20260428.21	0.70	N	4.0	4	E
20260429.00	0.67	N	4.1	3	NW
20260429.03	0.63	N	4.2	4	NW
20260429.06	0.62	N	4.2	5	N
20260429.09	0.62	NW	4.1	5	NW
20260429.12	0.66	SW	3.9	3	E
20260429.15	0.73	SW	3.8	5	SE
20260429.18	0.82	SW	3.7	8	S
20260429.21	0.81	W	3.9	4	S
20260430.00	0.74	W	4.2	1	NW
20260430.03	0.69	SW	4.3	1	W
20260430.06	0.63	SW	4.3	2	W
20260430.09	0.57	SW	4.2	2	NW
20260430.12	0.52	SW	4.2	2	W
20260430.15	0.48	SW	4.0	3	W
20260430.18	0.48	SW	3.7	3	W
20260430.21	0.52	SW	3.3	5	S
20260501.00	0.53	SW	3.0	7	SE
20260501.03	0.55	W	2.8	6	S
20260501.06	0.50	SW	2.8	5	W
20260501.09	0.47	SW	2.8	5	SW
20260501.12	0.46	SW	2.7	5	SE
20260501.15	0.54	W	2.8	7	SE
20260501.18	0.73	W	3.0	9	SE
20260501.21	0.79	W	3.3	7	E
20260502.00	0.70	W	3.4	4	NW
20260502.03	0.58	W	3.8	3	NW
20260502.06	0.52	W	3.9	2	NE
20260502.09	0.49	W	3.7	1	N
20260502.12	0.48	W	3.4	2	SW



Date time	Kuryk				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260427.12	0.13	NW	1.8	0	E
20260427.15	0.24	N	2.4	2	N
20260427.18	0.41	N	2.7	5	N
20260427.21	0.61	NE	3.1	3	NE
20260428.00	0.72	NE	3.5	5	SE
20260428.03	0.78	NE	3.9	6	E
20260428.06	0.84	E	4.0	7	NW
20260428.09	0.82	E	4.0	5	NW
20260428.12	0.73	E	4.2	2	W
20260428.15	0.67	E	4.3	4	SW
20260428.18	0.67	E	4.1	5	S
20260428.21	0.72	N	3.8	2	S
20260429.00	0.68	N	4.0	3	NW
20260429.03	0.63	N	4.2	4	NW
20260429.06	0.61	N	4.0	6	N
20260429.09	0.61	N	3.9	4	N
20260429.12	0.59	NW	3.9	2	N
20260429.15	0.61	SW	3.7	5	SW
20260429.18	0.75	SW	3.4	7	SW
20260429.21	0.76	W	3.5	3	SW
20260430.00	0.67	W	3.9	2	E
20260430.03	0.63	W	4.1	4	NE
20260430.06	0.61	W	4.0	3	NE
20260430.09	0.60	SW	3.8	3	S
20260430.12	0.57	SW	3.9	3	E
20260430.15	0.54	SW	3.9	4	E
20260430.18	0.53	W	3.6	2	E
20260430.21	0.54	W	3.4	4	E
20260501.00	0.54	W	3.1	5	E
20260501.03	0.59	W	3.0	5	SW
20260501.06	0.61	SW	3.0	6	W
20260501.09	0.61	SW	3.1	4	W
20260501.12	0.47	SW	3.2	1	SW
20260501.15	0.42	SW	3.2	3	E
20260501.18	0.46	W	2.9	5	SE
20260501.21	0.49	W	2.9	2	E
20260502.00	0.51	W	3.1	2	N
20260502.03	0.55	W	3.3	3	NW
20260502.06	0.56	SW	3.5	3	NW
20260502.09	0.55	SW	3.6	1	NW
20260502.12	0.56	SW	3.6	3	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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