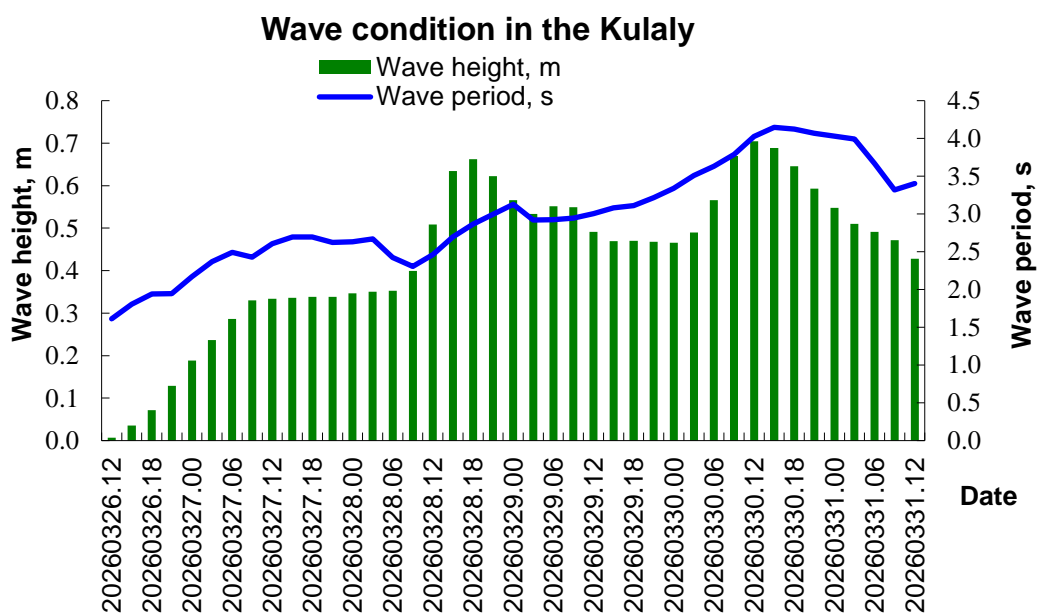
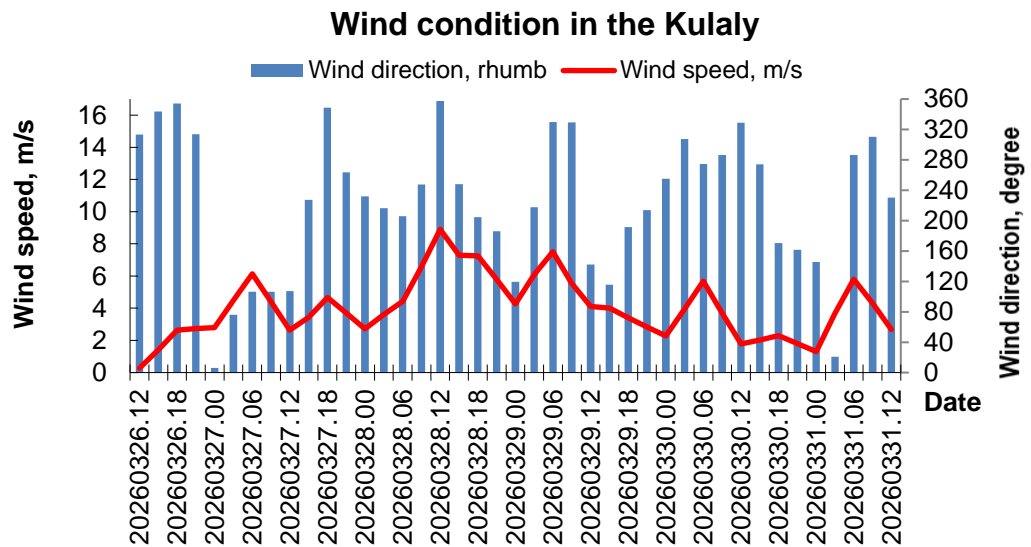




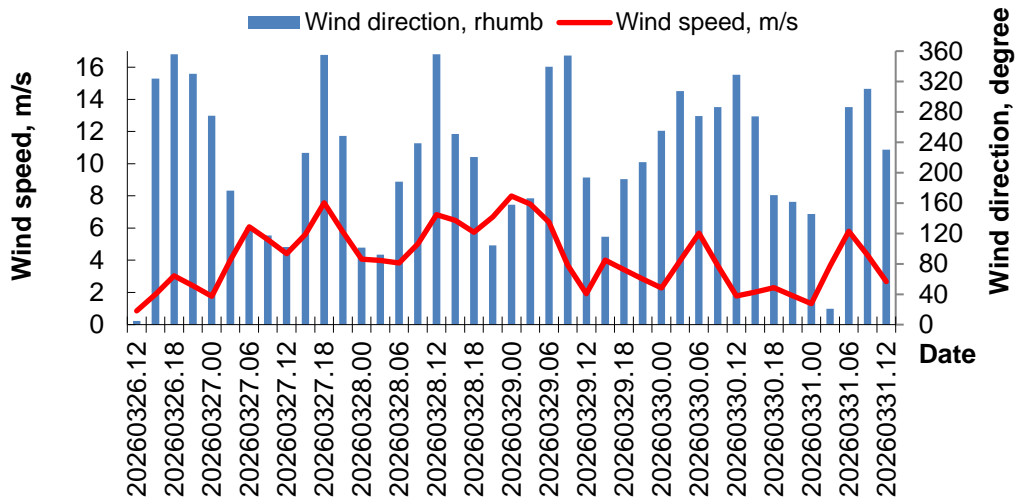
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

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

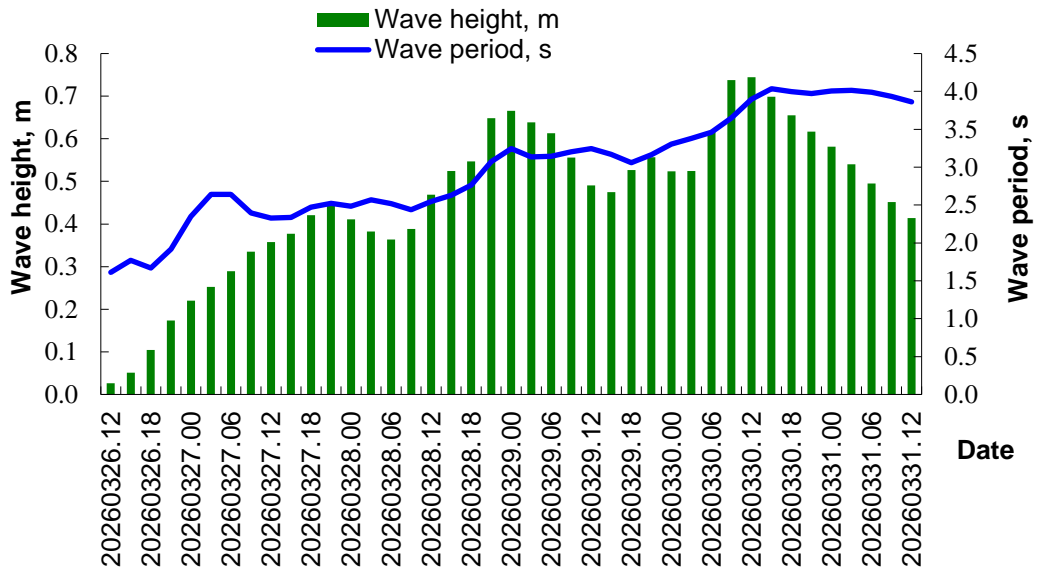


Date time	Kulaly				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260326.12	0.01	N	1.6	0	NW
20260326.15	0.04	W	1.8	1	N
20260326.18	0.07	SW	1.9	3	N
20260326.21	0.13	S	1.9	3	NW
20260327.00	0.19	S	2.2	3	N
20260327.03	0.24	S	2.4	4	E
20260327.06	0.29	SW	2.5	6	E
20260327.09	0.33	W	2.4	4	E
20260327.12	0.33	W	2.6	3	E
20260327.15	0.34	W	2.7	3	SW
20260327.18	0.34	W	2.7	5	N
20260327.21	0.34	SW	2.6	4	W
20260328.00	0.35	SW	2.6	3	SW
20260328.03	0.35	W	2.7	4	SW
20260328.06	0.35	W	2.4	4	SW
20260328.09	0.40	SW	2.3	7	W
20260328.12	0.51	SW	2.5	9	N
20260328.15	0.63	S	2.7	7	W
20260328.18	0.66	SW	2.9	7	SW
20260328.21	0.62	SW	3.0	6	S
20260329.00	0.57	SW	3.1	4	SE
20260329.03	0.53	W	2.9	6	SW
20260329.06	0.55	SW	2.9	8	NW
20260329.09	0.55	SW	2.9	6	NW
20260329.12	0.49	SW	3.0	4	SE
20260329.15	0.47	W	3.1	4	SE
20260329.18	0.47	W	3.1	3	S
20260329.21	0.47	NW	3.2	3	SW
20260330.00	0.47	NW	3.3	2	W
20260330.03	0.49	NW	3.5	4	NW
20260330.06	0.57	NW	3.6	6	W
20260330.09	0.67	N	3.8	4	W
20260330.12	0.70	N	4.0	2	NW
20260330.15	0.69	N	4.1	2	W
20260330.18	0.65	NE	4.1	2	S
20260330.21	0.59	NE	4.1	2	S
20260331.00	0.55	NE	4.0	1	SE
20260331.03	0.51	E	4.0	4	N
20260331.06	0.49	E	3.7	6	W
20260331.09	0.47	E	3.3	4	NW
20260331.12	0.43	E	3.4	3	SW

Wind condition in the Fort-Shevchenko

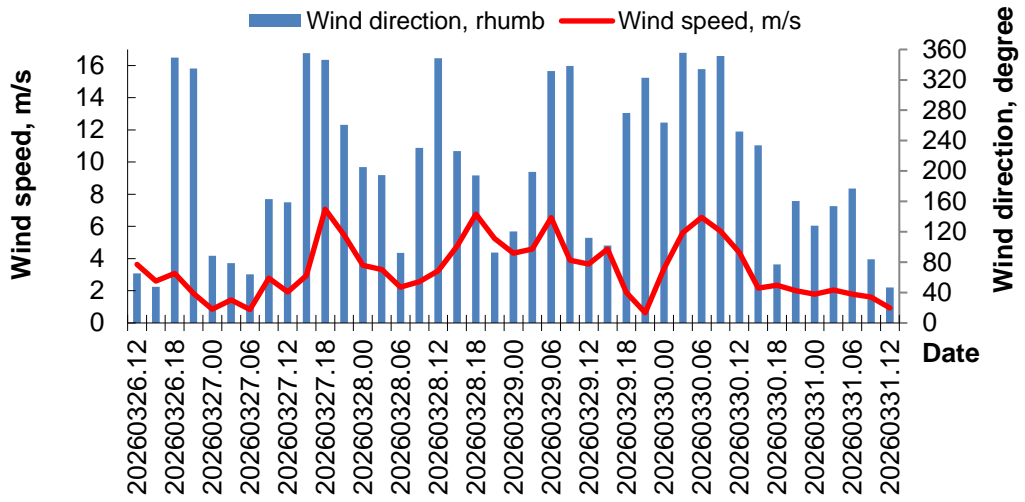


Wave condition in the Fort-Shevchenko

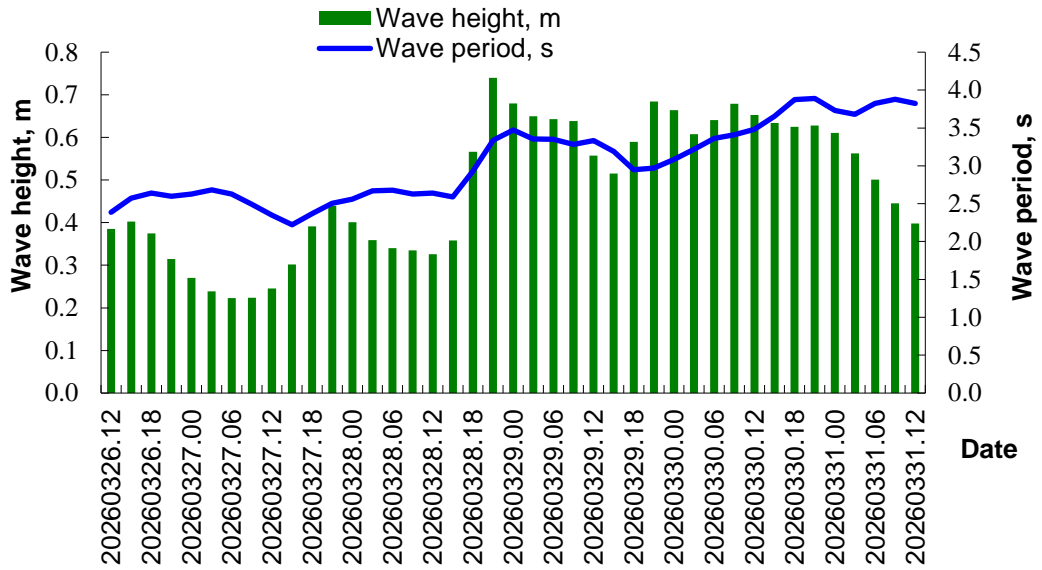


Date time	Fort-Shevchenko				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260326.12	0.03	E	1.6	1	N
20260326.15	0.05	SE	1.8	2	NW
20260326.18	0.10	SE	1.7	3	N
20260326.21	0.17	SE	1.9	2	NW
20260327.00	0.22	SE	2.3	2	W
20260327.03	0.25	SE	2.6	4	S
20260327.06	0.29	SE	2.6	6	SE
20260327.09	0.34	W	2.4	5	SE
20260327.12	0.36	W	2.3	4	E
20260327.15	0.38	W	2.3	6	SW
20260327.18	0.42	SW	2.5	8	N
20260327.21	0.45	SW	2.5	6	W
20260328.00	0.41	SW	2.5	4	E
20260328.03	0.38	SW	2.6	4	E
20260328.06	0.36	SW	2.5	4	S
20260328.09	0.39	SW	2.4	5	SW
20260328.12	0.47	SW	2.5	7	N
20260328.15	0.52	S	2.6	6	W
20260328.18	0.55	SW	2.8	6	SW
20260328.21	0.65	SW	3.1	7	E
20260329.00	0.67	W	3.2	8	S
20260329.03	0.64	W	3.1	8	S
20260329.06	0.61	W	3.1	6	N
20260329.09	0.56	W	3.2	4	N
20260329.12	0.49	W	3.2	2	S
20260329.15	0.47	W	3.2	4	SE
20260329.18	0.53	W	3.1	3	S
20260329.21	0.56	NW	3.2	3	SW
20260330.00	0.52	NW	3.3	2	W
20260330.03	0.52	NW	3.4	4	NW
20260330.06	0.62	NW	3.5	6	W
20260330.09	0.74	E	3.6	4	W
20260330.12	0.74	NE	3.9	2	NW
20260330.15	0.70	NE	4.0	2	W
20260330.18	0.65	NE	4.0	2	S
20260330.21	0.62	NE	4.0	2	S
20260331.00	0.58	NE	4.0	1	SE
20260331.03	0.54	E	4.0	4	N
20260331.06	0.49	E	4.0	6	W
20260331.09	0.45	E	3.9	4	NW
20260331.12	0.41	E	3.9	3	SW

Wind condition in the Aktau

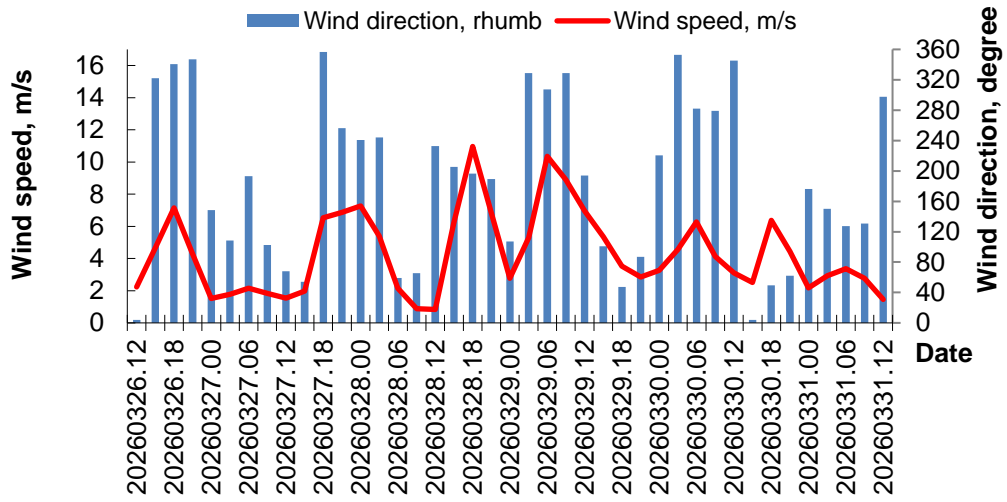


Wave condition in the Aktau

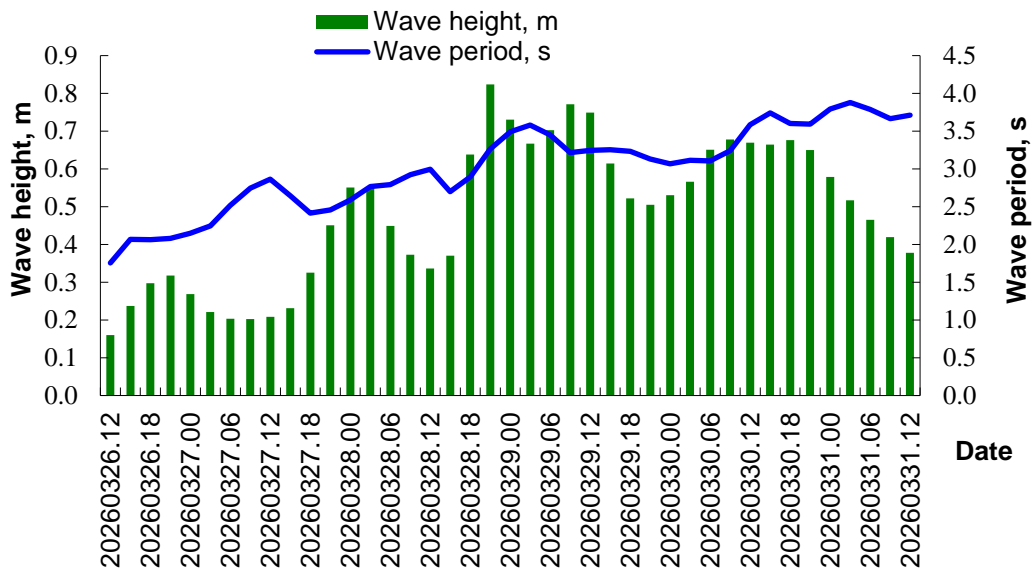


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260326.12	0.39	N	2.4	4	NE
20260326.15	0.40	NE	2.6	3	NE
20260326.18	0.37	NE	2.6	3	N
20260326.21	0.31	E	2.6	2	NW
20260327.00	0.27	E	2.6	1	E
20260327.03	0.24	E	2.7	1	E
20260327.06	0.22	SE	2.6	1	NE
20260327.09	0.22	SE	2.5	3	S
20260327.12	0.25	SW	2.3	2	S
20260327.15	0.30	SW	2.2	3	N
20260327.18	0.39	S	2.4	7	N
20260327.21	0.44	S	2.5	5	W
20260328.00	0.40	S	2.6	4	SW
20260328.03	0.36	SW	2.7	3	S
20260328.06	0.34	SW	2.7	2	E
20260328.09	0.33	SW	2.6	3	SW
20260328.12	0.33	SW	2.6	3	N
20260328.15	0.36	SW	2.6	5	SW
20260328.18	0.57	SW	2.9	7	S
20260328.21	0.74	SW	3.3	5	E
20260329.00	0.68	W	3.5	4	SE
20260329.03	0.65	W	3.4	5	S
20260329.06	0.64	SW	3.4	7	NW
20260329.09	0.64	SW	3.3	4	N
20260329.12	0.56	S	3.3	4	E
20260329.15	0.52	SW	3.2	5	E
20260329.18	0.59	W	2.9	2	W
20260329.21	0.68	W	3.0	1	NW
20260330.00	0.66	W	3.1	3	W
20260330.03	0.61	W	3.2	6	N
20260330.06	0.64	SW	3.4	7	NW
20260330.09	0.68	S	3.4	6	N
20260330.12	0.65	SE	3.5	4	W
20260330.15	0.63	E	3.7	2	SW
20260330.18	0.63	NE	3.9	2	E
20260330.21	0.63	NE	3.9	2	S
20260331.00	0.61	NE	3.7	2	SE
20260331.03	0.56	NE	3.7	2	SE
20260331.06	0.50	NE	3.8	2	S
20260331.09	0.45	NE	3.9	2	E
20260331.12	0.40	NE	3.8	1	NE

Wind condition in the Peschanyi

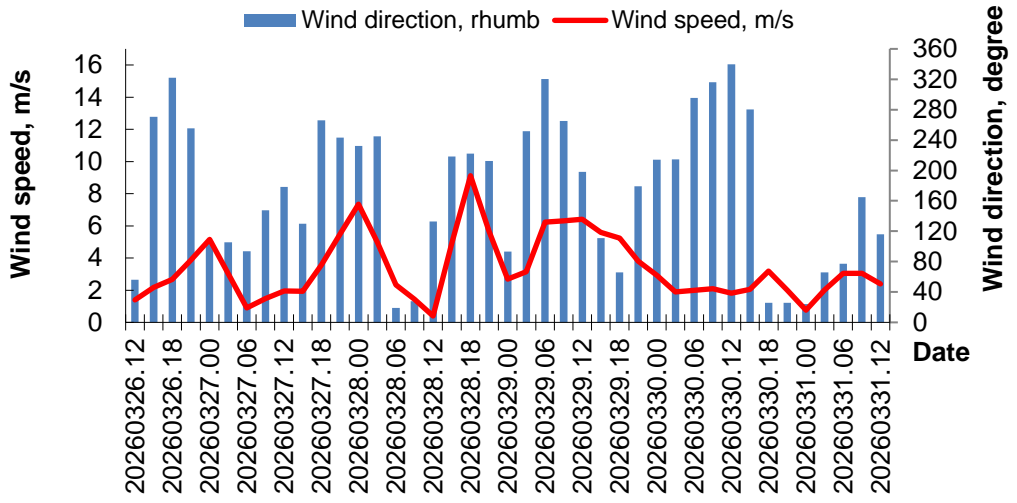


Wave condition in the Peschanyi

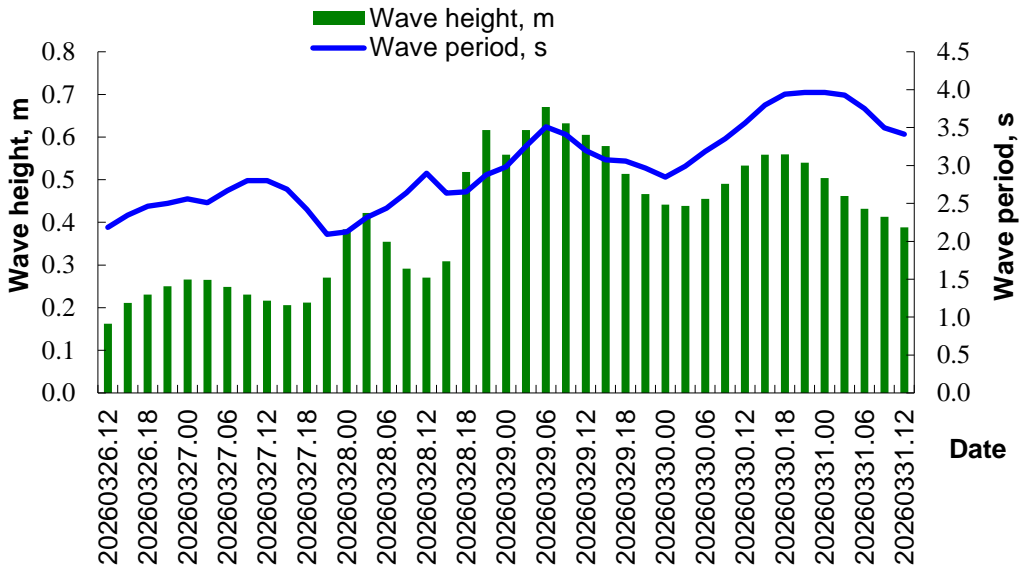


Date time	Peschanyi (Isan)				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260326.12	0.16	E	1.8	2	N
20260326.15	0.24	NE	2.1	5	NW
20260326.18	0.30	E	2.1	7	N
20260326.21	0.32	SE	2.1	4	N
20260327.00	0.27	SE	2.1	2	SE
20260327.03	0.22	SE	2.2	2	E
20260327.06	0.20	SE	2.5	2	S
20260327.09	0.20	S	2.7	2	E
20260327.12	0.21	S	2.9	2	E
20260327.15	0.23	S	2.6	2	NE
20260327.18	0.33	S	2.4	7	N
20260327.21	0.45	S	2.5	7	W
20260328.00	0.55	S	2.6	7	SW
20260328.03	0.55	S	2.8	5	SW
20260328.06	0.45	S	2.8	2	NE
20260328.09	0.37	SW	2.9	1	NE
20260328.12	0.34	SW	3.0	1	SW
20260328.15	0.37	SW	2.7	6	SW
20260328.18	0.64	SW	2.9	11	S
20260328.21	0.82	SW	3.3	7	S
20260329.00	0.73	SW	3.5	3	E
20260329.03	0.67	W	3.6	5	NW
20260329.06	0.70	SW	3.5	10	NW
20260329.09	0.77	S	3.2	9	NW
20260329.12	0.75	S	3.2	7	S
20260329.15	0.61	SW	3.3	5	E
20260329.18	0.52	SW	3.2	4	NE
20260329.21	0.51	SW	3.1	3	E
20260330.00	0.53	S	3.1	3	SW
20260330.03	0.57	S	3.1	5	N
20260330.06	0.65	SE	3.1	6	W
20260330.09	0.68	E	3.2	4	W
20260330.12	0.67	E	3.6	3	N
20260330.15	0.66	E	3.7	3	N
20260330.18	0.68	E	3.6	6	NE
20260330.21	0.65	NE	3.6	4	NE
20260331.00	0.58	NE	3.8	2	S
20260331.03	0.52	NE	3.9	3	SE
20260331.06	0.46	NE	3.8	3	SE
20260331.09	0.42	NE	3.7	3	SE
20260331.12	0.38	N	3.7	1	NW

Wind condition in the Fetisovo

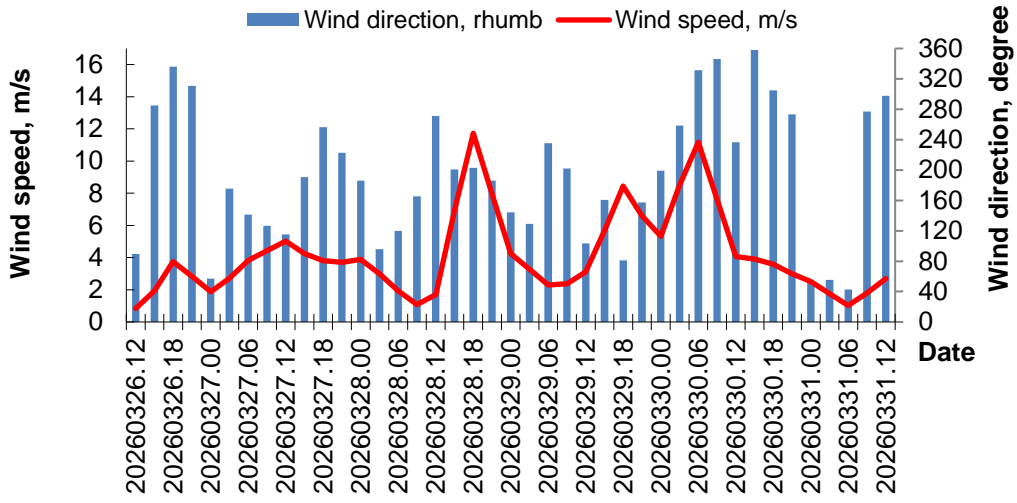


Wave condition in the Fetisovo

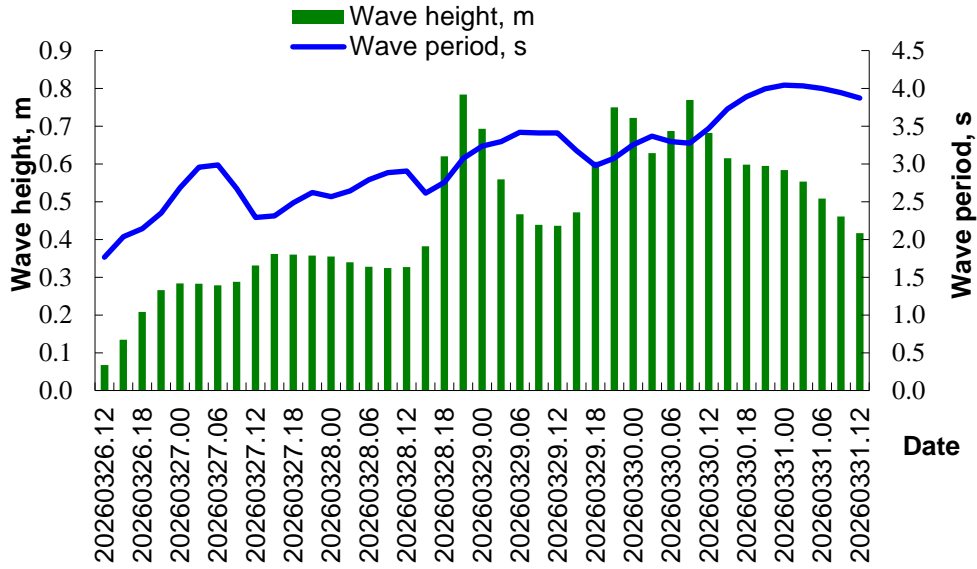


Date time	Fetisovo				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260326.12	0.16	NE	2.2	1	NE
20260326.15	0.21	NE	2.3	2	W
20260326.18	0.23	E	2.5	3	NW
20260326.21	0.25	SE	2.5	4	W
20260327.00	0.27	S	2.6	5	E
20260327.03	0.27	S	2.5	3	E
20260327.06	0.25	S	2.7	1	E
20260327.09	0.23	S	2.8	1	SE
20260327.12	0.22	S	2.8	2	S
20260327.15	0.21	S	2.7	2	SE
20260327.18	0.21	S	2.4	4	W
20260327.21	0.27	S	2.1	5	SW
20260328.00	0.38	SW	2.1	7	SW
20260328.03	0.42	SW	2.3	5	SW
20260328.06	0.35	SW	2.4	2	N
20260328.09	0.29	SW	2.6	1	NE
20260328.12	0.27	SW	2.9	0	SE
20260328.15	0.31	SW	2.6	5	SW
20260328.18	0.52	SW	2.7	9	SW
20260328.21	0.62	SW	2.9	6	SW
20260329.00	0.56	W	3.0	3	E
20260329.03	0.62	W	3.3	3	W
20260329.06	0.67	W	3.5	6	NW
20260329.09	0.63	W	3.4	6	W
20260329.12	0.61	SW	3.2	6	S
20260329.15	0.58	W	3.1	6	E
20260329.18	0.51	W	3.1	5	NE
20260329.21	0.47	W	3.0	4	S
20260330.00	0.44	W	2.8	3	SW
20260330.03	0.44	SW	3.0	2	SW
20260330.06	0.46	SW	3.2	2	NW
20260330.09	0.49	W	3.4	2	NW
20260330.12	0.53	NE	3.6	2	N
20260330.15	0.56	NE	3.8	2	W
20260330.18	0.56	NE	3.9	3	NE
20260330.21	0.54	NE	4.0	2	NE
20260331.00	0.50	NE	4.0	1	NE
20260331.03	0.46	N	3.9	2	NE
20260331.06	0.43	N	3.8	3	E
20260331.09	0.41	N	3.5	3	S
20260331.12	0.39	N	3.4	2	SE

Wind condition in the Saura

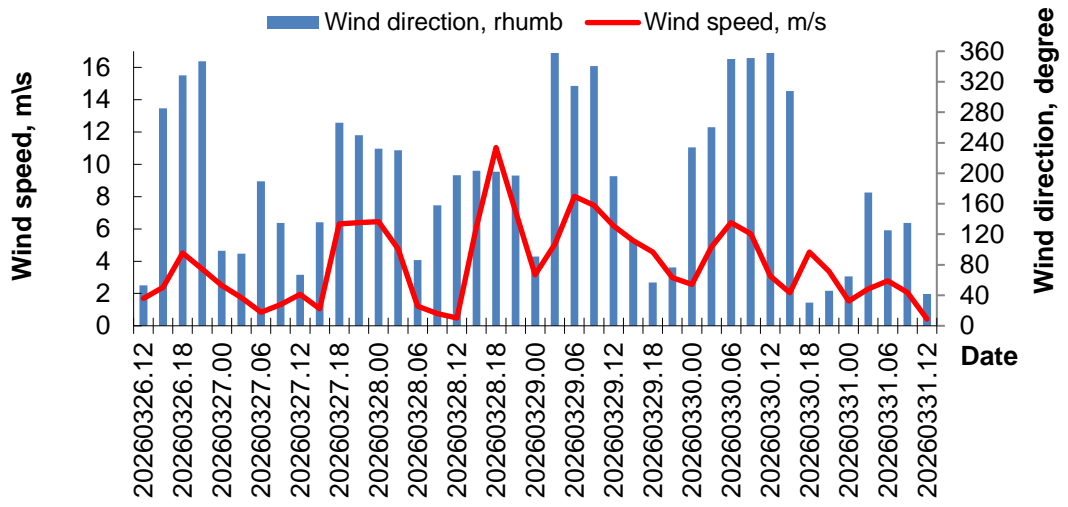


Wave condition in the Saura

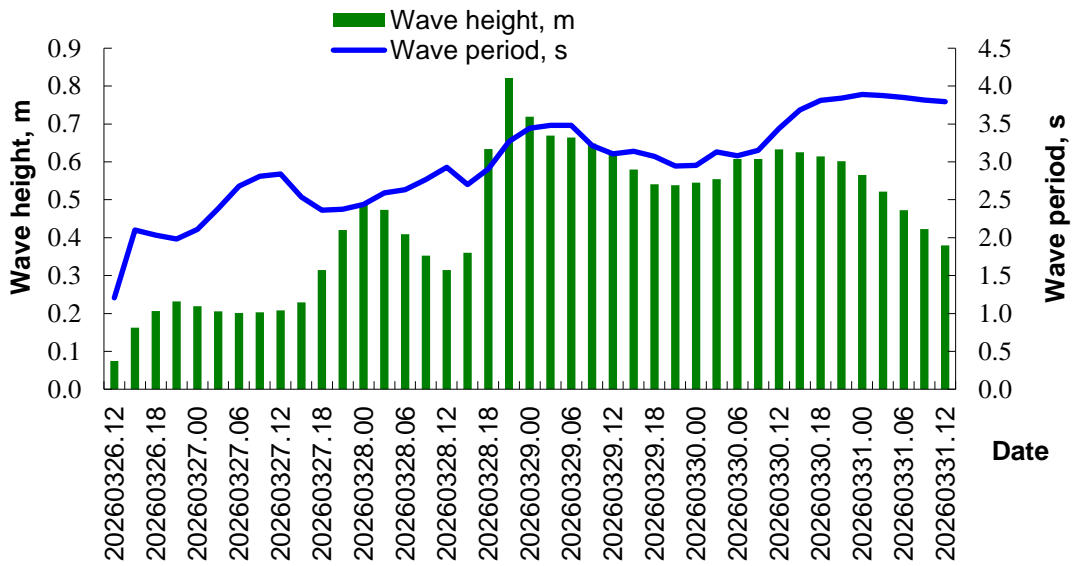


Date time	Saura				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260326.12	0.07	E	1.8	1	E
20260326.15	0.13	E	2.0	2	W
20260326.18	0.21	E	2.1	4	NW
20260326.21	0.27	E	2.3	3	NW
20260327.00	0.28	E	2.7	2	NE
20260327.03	0.28	SE	3.0	3	S
20260327.06	0.28	SE	3.0	4	SE
20260327.09	0.29	SE	2.7	4	SE
20260327.12	0.33	W	2.3	5	SE
20260327.15	0.36	W	2.3	4	S
20260327.18	0.36	W	2.5	4	W
20260327.21	0.36	SW	2.6	4	SW
20260328.00	0.36	SW	2.6	4	S
20260328.03	0.34	SW	2.6	3	E
20260328.06	0.33	SW	2.8	2	SE
20260328.09	0.32	SW	2.9	1	S
20260328.12	0.33	SW	2.9	2	W
20260328.15	0.38	SW	2.6	7	S
20260328.18	0.62	SW	2.8	12	SW
20260328.21	0.78	W	3.1	8	S
20260329.00	0.69	W	3.2	4	SE
20260329.03	0.56	W	3.3	3	SE
20260329.06	0.47	W	3.4	2	SW
20260329.09	0.44	W	3.4	2	S
20260329.12	0.44	W	3.4	3	E
20260329.15	0.47	W	3.2	6	S
20260329.18	0.61	N	3.0	8	E
20260329.21	0.75	N	3.1	7	S
20260330.00	0.72	NW	3.3	5	S
20260330.03	0.63	NW	3.4	8	W
20260330.06	0.69	S	3.3	11	NW
20260330.09	0.77	S	3.3	8	N
20260330.12	0.68	S	3.5	4	SW
20260330.15	0.62	SE	3.7	4	N
20260330.18	0.60	NE	3.9	4	NW
20260330.21	0.59	NE	4.0	3	W
20260331.00	0.58	NE	4.0	3	NE
20260331.03	0.55	NE	4.0	2	NE
20260331.06	0.51	NE	4.0	1	NE
20260331.09	0.46	E	3.9	2	W
20260331.12	0.42	E	3.9	3	NW

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
20260326.12	0.07	NE	1.2	2	NE
20260326.15	0.16	N	2.1	2	W
20260326.18	0.21	NE	2.0	4	NW
20260326.21	0.23	E	2.0	4	N
20260327.00	0.22	SE	2.1	3	E
20260327.03	0.21	S	2.4	2	E
20260327.06	0.20	S	2.7	1	S
20260327.09	0.20	S	2.8	1	SE
20260327.12	0.21	S	2.8	2	NE
20260327.15	0.23	S	2.5	1	SE
20260327.18	0.31	S	2.4	6	W
20260327.21	0.42	S	2.4	6	W
20260328.00	0.49	S	2.4	6	SW
20260328.03	0.47	SW	2.6	5	SW
20260328.06	0.41	SW	2.6	1	E
20260328.09	0.35	SW	2.8	1	S
20260328.12	0.31	SW	2.9	0	S
20260328.15	0.36	SW	2.7	6	SW
20260328.18	0.63	SW	2.9	11	S
20260328.21	0.82	SW	3.3	7	S
20260329.00	0.72	W	3.4	3	E
20260329.03	0.67	W	3.5	5	N
20260329.06	0.66	SW	3.5	8	NW
20260329.09	0.65	SW	3.2	7	N
20260329.12	0.62	SW	3.1	6	S
20260329.15	0.58	SW	3.1	5	E
20260329.18	0.54	W	3.1	5	NE
20260329.21	0.54	W	2.9	3	E
20260330.00	0.55	SW	3.0	3	SW
20260330.03	0.55	S	3.1	5	W
20260330.06	0.61	S	3.1	6	N
20260330.09	0.61	S	3.2	6	N
20260330.12	0.63	SE	3.4	3	N
20260330.15	0.63	E	3.7	2	NW
20260330.18	0.61	NE	3.8	5	NE
20260330.21	0.60	NE	3.8	3	NE
20260331.00	0.57	NE	3.9	2	NE
20260331.03	0.52	NE	3.9	2	S
20260331.06	0.47	NE	3.8	3	SE
20260331.09	0.42	NE	3.8	2	SE
20260331.12	0.38	N	3.8	0	NE

**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

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