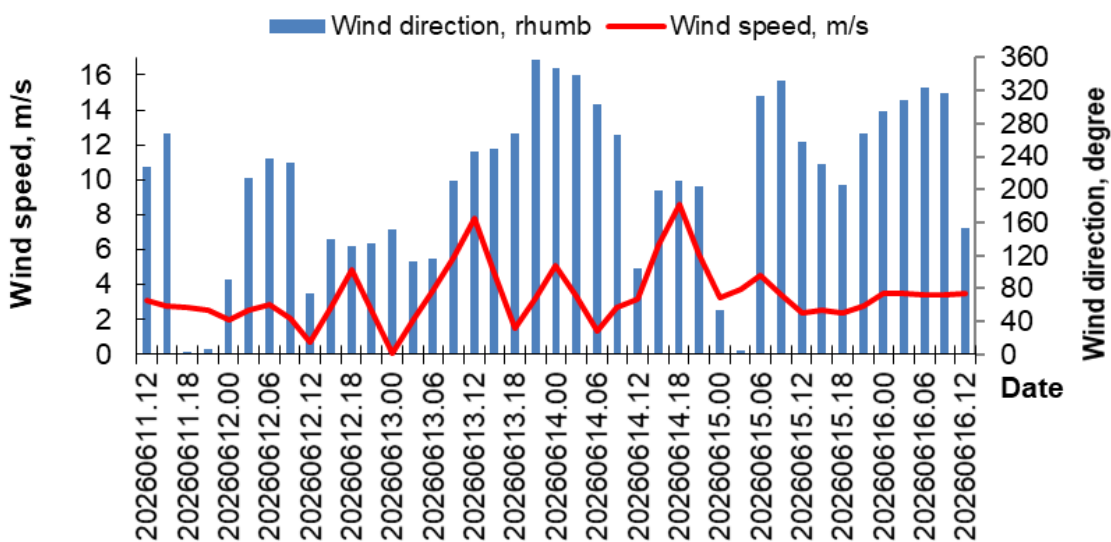




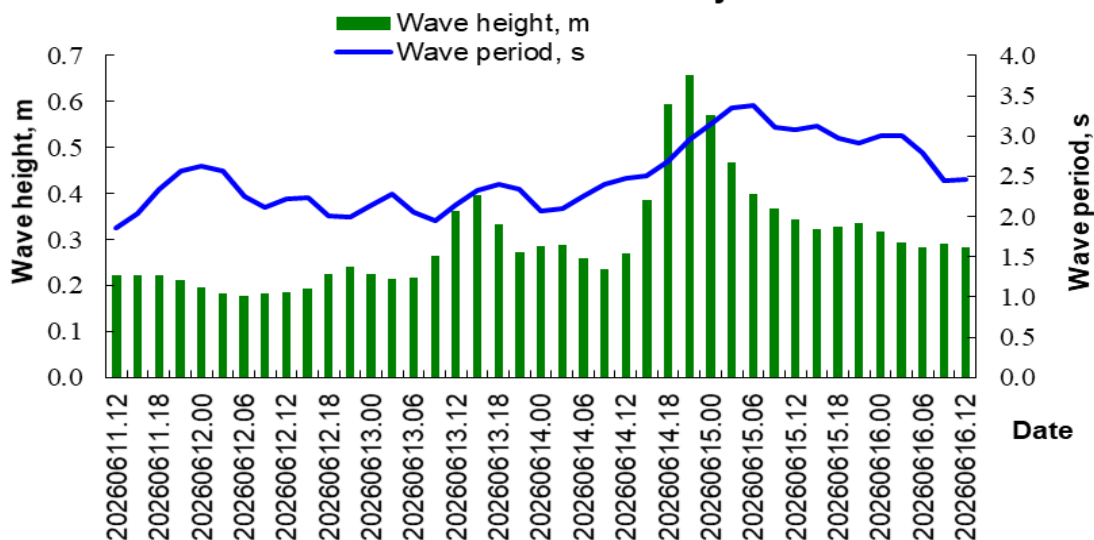
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES  
OF THE REPUBLIC OF KAZAKHSTAN  
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance  
using SWAN spectral model for the period June 11 – 16, 2026 .**

**Wind condition in the Kulaly**

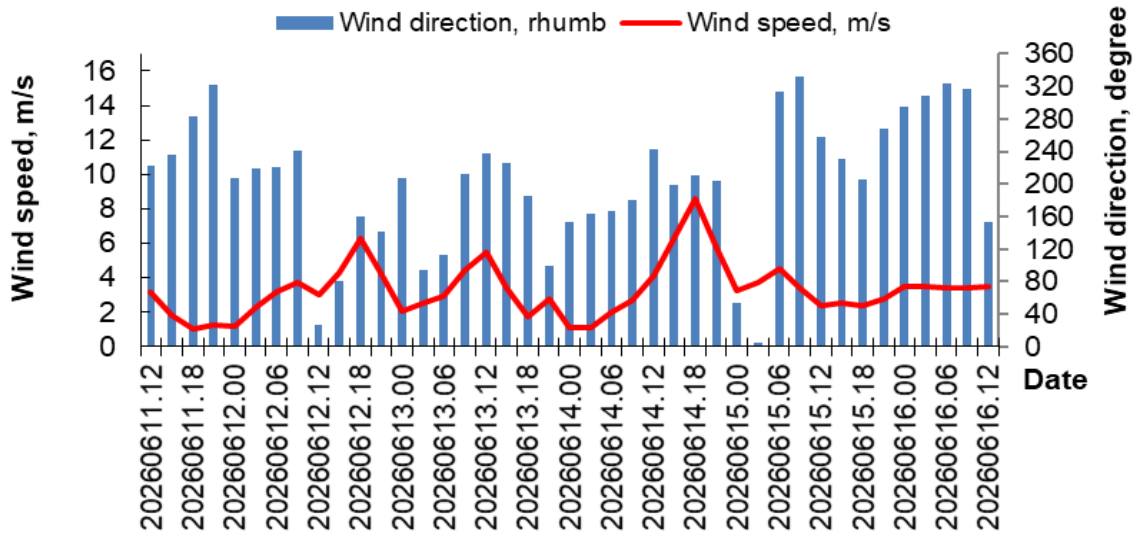


**Wave condition in the Kulaly**

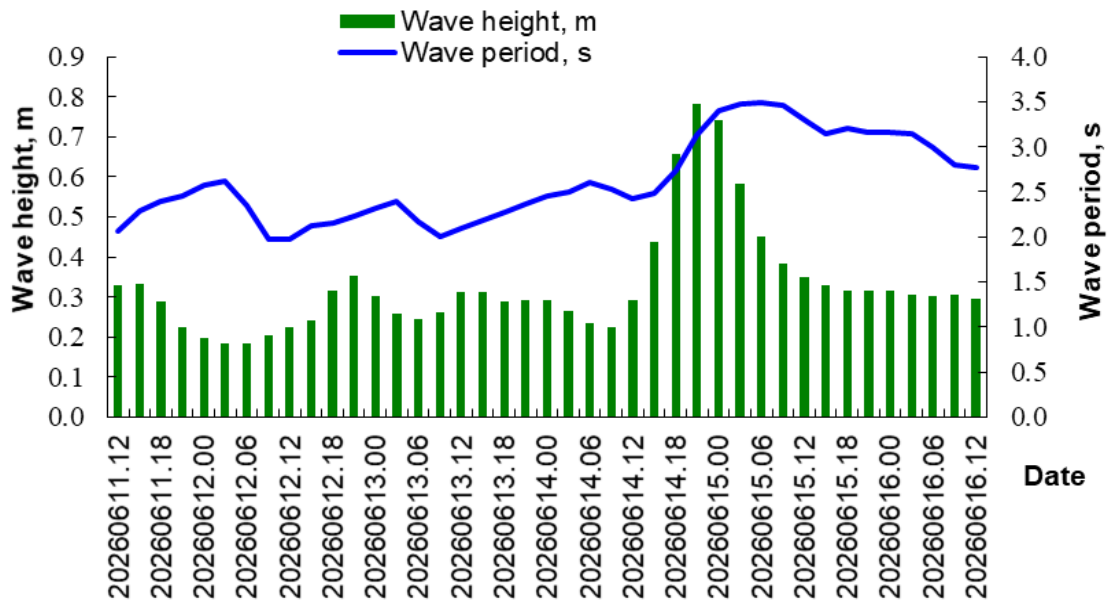


Date time	Kulaly				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260611.12	0.22	SW	1.9	3	SW
20260611.15	0.22	SW	2.0	3	W
20260611.18	0.22	SW	2.3	3	N
20260611.21	0.21	SW	2.6	3	N
20260612.00	0.20	SW	2.6	2	E
20260612.03	0.18	W	2.6	3	SW
20260612.06	0.18	W	2.3	3	SW
20260612.09	0.18	W	2.1	2	SW
20260612.12	0.19	W	2.2	1	E
20260612.15	0.19	SW	2.2	3	SE
20260612.18	0.22	W	2.0	5	SE
20260612.21	0.24	W	2.0	3	SE
20260613.00	0.23	W	2.1	0	SE
20260613.03	0.21	W	2.3	2	SE
20260613.06	0.22	W	2.1	4	SE
20260613.09	0.26	W	2.0	6	SW
20260613.12	0.36	SW	2.2	8	SW
20260613.15	0.40	SW	2.3	5	W
20260613.18	0.33	SW	2.4	1	W
20260613.21	0.27	SW	2.3	3	N
20260614.00	0.29	SW	2.1	5	N
20260614.03	0.29	S	2.1	3	N
20260614.06	0.26	S	2.2	1	NW
20260614.09	0.23	S	2.4	3	W
20260614.12	0.27	SW	2.5	3	E
20260614.15	0.38	SW	2.5	6	S
20260614.18	0.59	SW	2.7	9	SW
20260614.21	0.66	SW	3.0	6	SW
20260615.00	0.57	SW	3.2	3	NE
20260615.03	0.47	SW	3.3	4	N
20260615.06	0.40	SW	3.4	5	NW
20260615.09	0.37	SW	3.1	3	NW
20260615.12	0.34	SW	3.1	2	W
20260615.15	0.32	SW	3.1	3	SW
20260615.18	0.33	SW	3.0	2	SW
20260615.21	0.34	SW	2.9	3	W
20260616.00	0.32	W	3.0	4	NW
20260616.03	0.29	SW	3.0	4	NW
20260616.06	0.28	SW	2.8	3	NW
20260616.09	0.29	S	2.4	3	NW
20260616.12	0.28	S	2.5	3	SE

### Wind condition in the Fort-Shevchenko

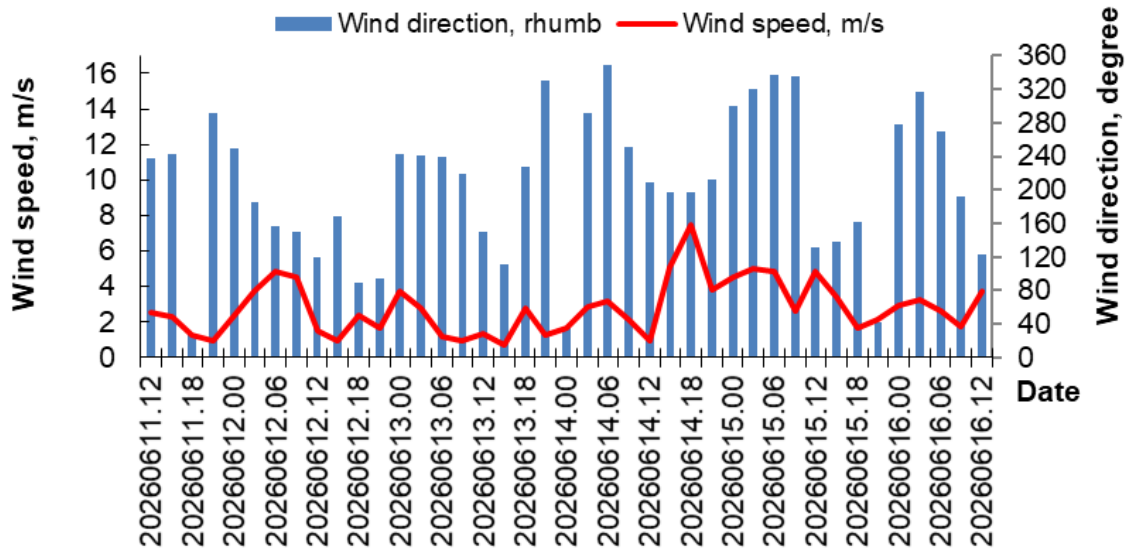


### Wave condition in the Fort-Shevchenko

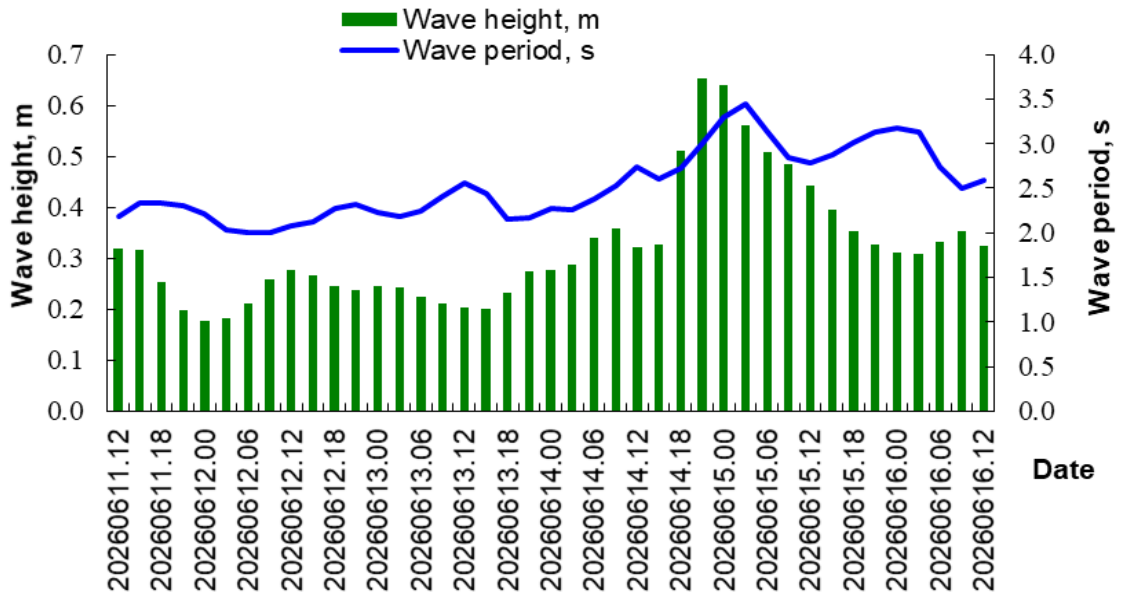


Date time	Fort-Shevchenko				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260611.12	0.33	SW	2.1	3	SW
20260611.15	0.33	SW	2.3	2	SW
20260611.18	0.29	SW	2.4	1	W
20260611.21	0.22	SW	2.5	1	NW
20260612.00	0.20	SW	2.6	1	SW
20260612.03	0.18	W	2.6	2	SW
20260612.06	0.18	W	2.4	3	SW
20260612.09	0.20	W	2.0	4	SW
20260612.12	0.22	SW	2.0	3	NE
20260612.15	0.24	SW	2.1	4	E
20260612.18	0.32	NW	2.1	6	S
20260612.21	0.35	NW	2.2	4	SE
20260613.00	0.30	NW	2.3	2	SW
20260613.03	0.26	NW	2.4	3	E
20260613.06	0.25	W	2.2	3	SE
20260613.09	0.26	W	2.0	4	SW
20260613.12	0.31	SW	2.1	6	SW
20260613.15	0.31	SW	2.2	3	SW
20260613.18	0.29	SW	2.3	2	S
20260613.21	0.29	W	2.4	3	E
20260614.00	0.29	SW	2.5	1	SE
20260614.03	0.26	SW	2.5	1	S
20260614.06	0.23	SW	2.6	2	S
20260614.09	0.22	SW	2.5	3	S
20260614.12	0.29	SW	2.4	4	SW
20260614.15	0.44	SW	2.5	6	S
20260614.18	0.66	SW	2.7	9	SW
20260614.21	0.78	SW	3.1	6	SW
20260615.00	0.74	SW	3.4	3	NE
20260615.03	0.58	SW	3.5	4	N
20260615.06	0.45	SW	3.5	5	NW
20260615.09	0.38	SW	3.5	3	NW
20260615.12	0.35	SW	3.3	2	W
20260615.15	0.33	SW	3.2	3	SW
20260615.18	0.32	SW	3.2	2	SW
20260615.21	0.32	SW	3.2	3	W
20260616.00	0.31	SW	3.2	4	NW
20260616.03	0.31	SW	3.1	4	NW
20260616.06	0.30	SW	3.0	3	NW
20260616.09	0.31	SW	2.8	3	NW
20260616.12	0.30	S	2.8	3	SE

### Wind condition in the Aktau

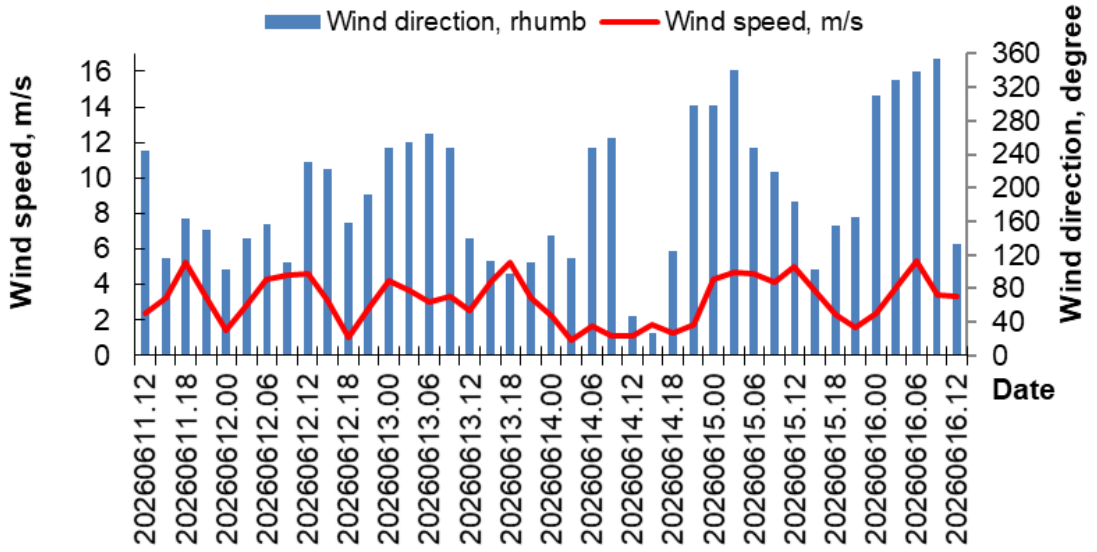


### Wave condition in the Aktau

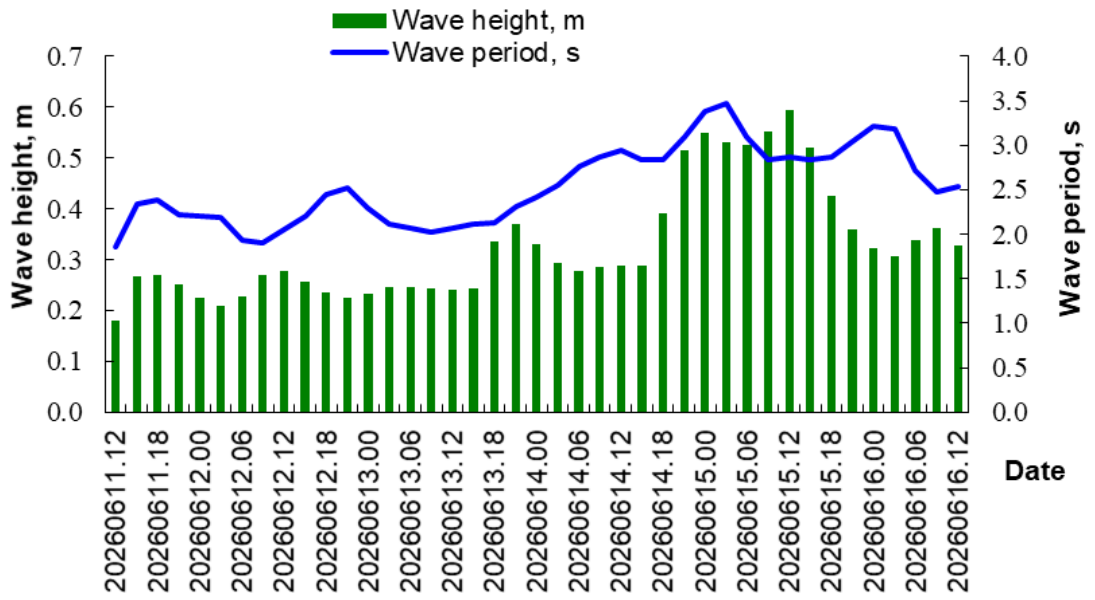


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260611.12	0.32	S	2.2	3	SW
20260611.15	0.32	S	2.3	2	SW
20260611.18	0.25	S	2.3	1	NE
20260611.21	0.20	S	2.3	1	W
20260612.00	0.18	S	2.2	2	W
20260612.03	0.18	S	2.0	4	S
20260612.06	0.21	SW	2.0	5	SE
20260612.09	0.26	NW	2.0	5	SE
20260612.12	0.28	NW	2.1	2	SE
20260612.15	0.27	NW	2.1	1	S
20260612.18	0.25	NW	2.3	2	E
20260612.21	0.24	W	2.3	2	E
20260613.00	0.24	W	2.2	4	SW
20260613.03	0.24	W	2.2	3	SW
20260613.06	0.22	W	2.2	1	SW
20260613.09	0.21	W	2.4	1	SW
20260613.12	0.20	W	2.6	1	SE
20260613.15	0.20	W	2.4	1	E
20260613.18	0.23	W	2.1	3	SW
20260613.21	0.28	W	2.2	1	NW
20260614.00	0.28	W	2.3	2	NE
20260614.03	0.29	W	2.3	3	W
20260614.06	0.34	SW	2.4	3	N
20260614.09	0.36	SW	2.5	2	W
20260614.12	0.32	SW	2.7	1	SW
20260614.15	0.33	SW	2.6	5	S
20260614.18	0.51	SW	2.7	7	S
20260614.21	0.65	SW	3.0	4	SW
20260615.00	0.64	SW	3.3	5	NW
20260615.03	0.56	SW	3.4	5	NW
20260615.06	0.51	SW	3.1	5	NW
20260615.09	0.48	SW	2.8	3	NW
20260615.12	0.44	SW	2.8	5	SE
20260615.15	0.39	SW	2.9	3	SE
20260615.18	0.35	SW	3.0	2	S
20260615.21	0.33	SW	3.1	2	NE
20260616.00	0.31	SW	3.2	3	W
20260616.03	0.31	SW	3.1	3	NW
20260616.06	0.33	SW	2.7	3	W
20260616.09	0.35	SW	2.5	2	S
20260616.12	0.32	SW	2.6	4	SE

### Wind condition in the Peschanyi

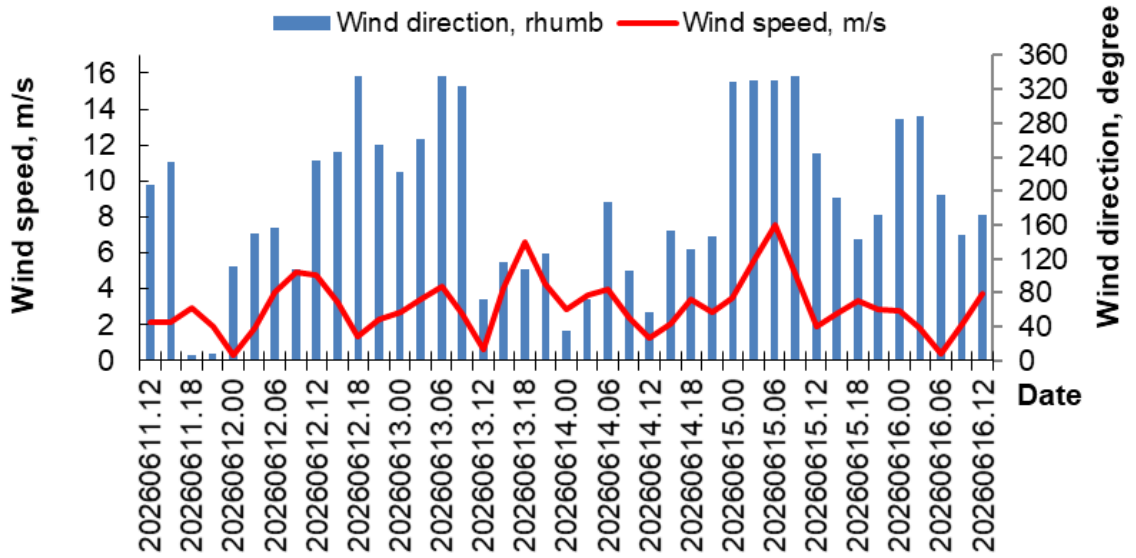


### Wave condition in the Peschanyi

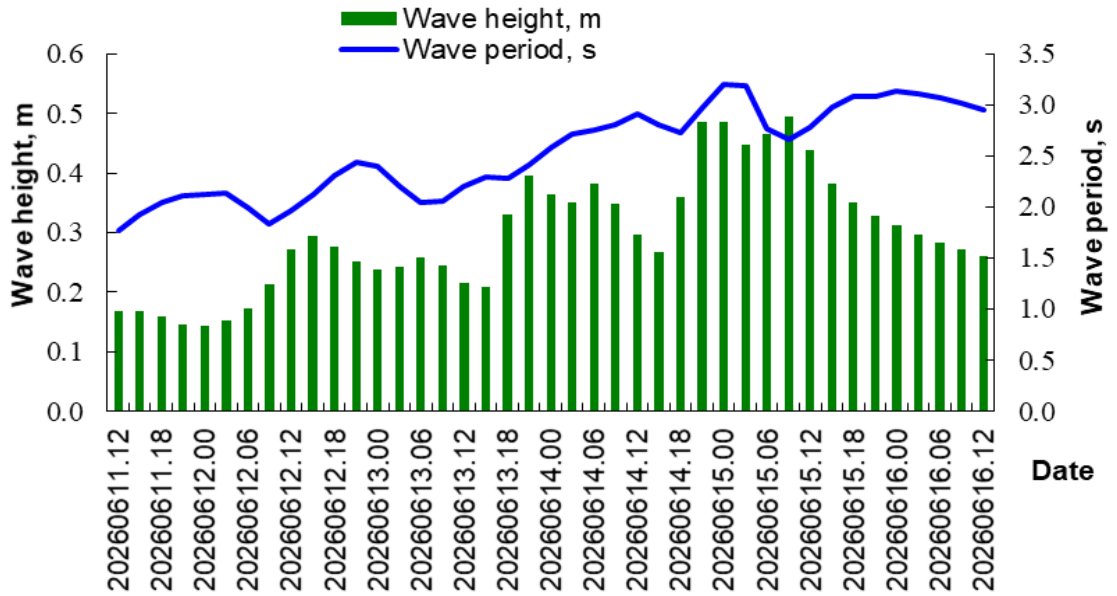


Date time	Peschanyi (Isan)				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260611.12	0.18	SW	1.9	2	SW
20260611.15	0.27	SW	2.3	3	SE
20260611.18	0.27	SW	2.4	5	S
20260611.21	0.25	SW	2.2	3	SE
20260612.00	0.23	SW	2.2	1	E
20260612.03	0.21	SW	2.2	3	SE
20260612.06	0.23	W	1.9	4	SE
20260612.09	0.27	NW	1.9	5	E
20260612.12	0.28	NW	2.1	5	SW
20260612.15	0.26	W	2.2	3	SW
20260612.18	0.24	W	2.5	1	S
20260612.21	0.23	W	2.5	3	S
20260613.00	0.23	W	2.3	4	SW
20260613.03	0.25	SW	2.1	4	W
20260613.06	0.25	SW	2.1	3	W
20260613.09	0.24	SW	2.0	3	SW
20260613.12	0.24	SW	2.1	3	SE
20260613.15	0.24	W	2.1	4	SE
20260613.18	0.34	W	2.1	5	E
20260613.21	0.37	W	2.3	3	E
20260614.00	0.33	W	2.4	2	SE
20260614.03	0.29	W	2.5	1	SE
20260614.06	0.28	W	2.8	2	SW
20260614.09	0.28	SW	2.9	1	W
20260614.12	0.29	SW	2.9	1	NE
20260614.15	0.29	SW	2.8	2	NE
20260614.18	0.39	SW	2.8	1	SE
20260614.21	0.52	SW	3.1	2	NW
20260615.00	0.55	SW	3.4	4	NW
20260615.03	0.53	SW	3.5	5	N
20260615.06	0.52	SW	3.1	5	SW
20260615.09	0.55	SW	2.8	4	SW
20260615.12	0.60	SW	2.9	5	S
20260615.15	0.52	SW	2.8	4	E
20260615.18	0.42	SW	2.9	2	SE
20260615.21	0.36	SW	3.1	2	S
20260616.00	0.32	SW	3.2	2	NW
20260616.03	0.31	SW	3.2	4	NW
20260616.06	0.34	S	2.7	5	N
20260616.09	0.36	S	2.5	3	N
20260616.12	0.33	SW	2.5	3	SE

### Wind condition in the Fetisovo

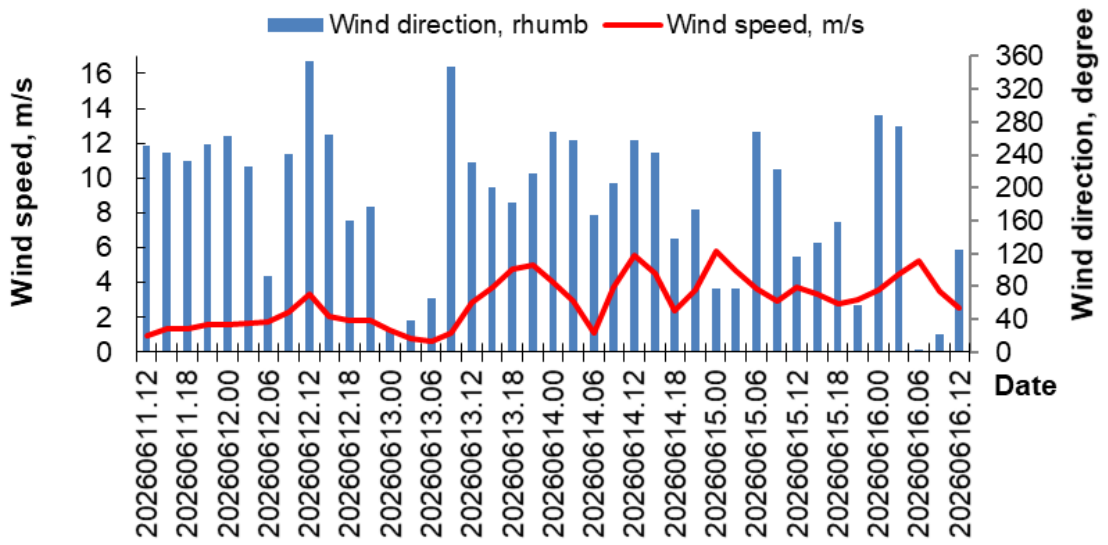


### Wave condition in the Fetisovo

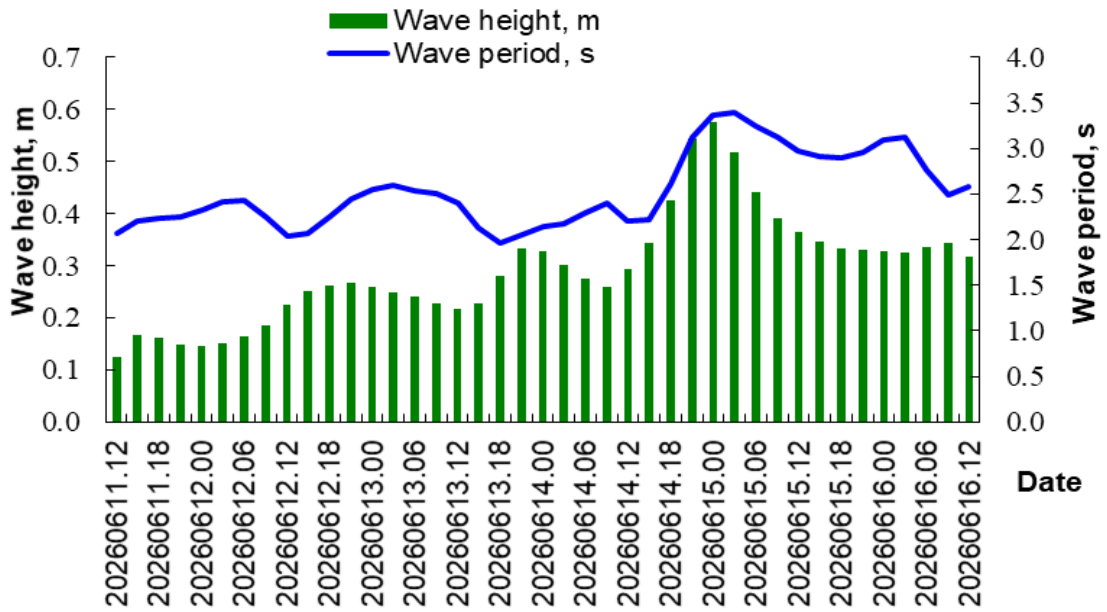


Date time	Fetisovo				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260611.12	0.17	SW	1.8	2	SW
20260611.15	0.17	S	1.9	2	SW
20260611.18	0.16	S	2.0	3	N
20260611.21	0.15	S	2.1	2	N
20260612.00	0.14	S	2.1	0	E
20260612.03	0.15	S	2.1	2	SE
20260612.06	0.17	SW	2.0	4	SE
20260612.09	0.21	W	1.8	5	E
20260612.12	0.27	W	2.0	5	SW
20260612.15	0.29	W	2.1	3	SW
20260612.18	0.28	W	2.3	1	NW
20260612.21	0.25	W	2.4	2	W
20260613.00	0.24	W	2.4	3	SW
20260613.03	0.24	W	2.2	3	W
20260613.06	0.26	SW	2.0	4	NW
20260613.09	0.24	SW	2.1	3	NW
20260613.12	0.21	SW	2.2	1	E
20260613.15	0.21	SW	2.3	4	SE
20260613.18	0.33	W	2.3	7	E
20260613.21	0.39	W	2.4	4	SE
20260614.00	0.36	W	2.6	3	NE
20260614.03	0.35	W	2.7	4	E
20260614.06	0.38	W	2.7	4	S
20260614.09	0.35	W	2.8	2	E
20260614.12	0.30	W	2.9	1	NE
20260614.15	0.27	W	2.8	2	SE
20260614.18	0.36	W	2.7	3	SE
20260614.21	0.49	W	3.0	3	SE
20260615.00	0.49	W	3.2	4	NW
20260615.03	0.45	W	3.2	6	NW
20260615.06	0.47	SW	2.8	8	NW
20260615.09	0.49	S	2.7	5	NW
20260615.12	0.44	S	2.8	2	SW
20260615.15	0.38	S	3.0	3	S
20260615.18	0.35	S	3.1	3	SE
20260615.21	0.33	SW	3.1	3	S
20260616.00	0.31	SW	3.1	3	W
20260616.03	0.30	SW	3.1	2	W
20260616.06	0.28	SW	3.1	0	S
20260616.09	0.27	SW	3.0	2	SE
20260616.12	0.26	SW	3.0	4	S

### Wind condition in the Saura

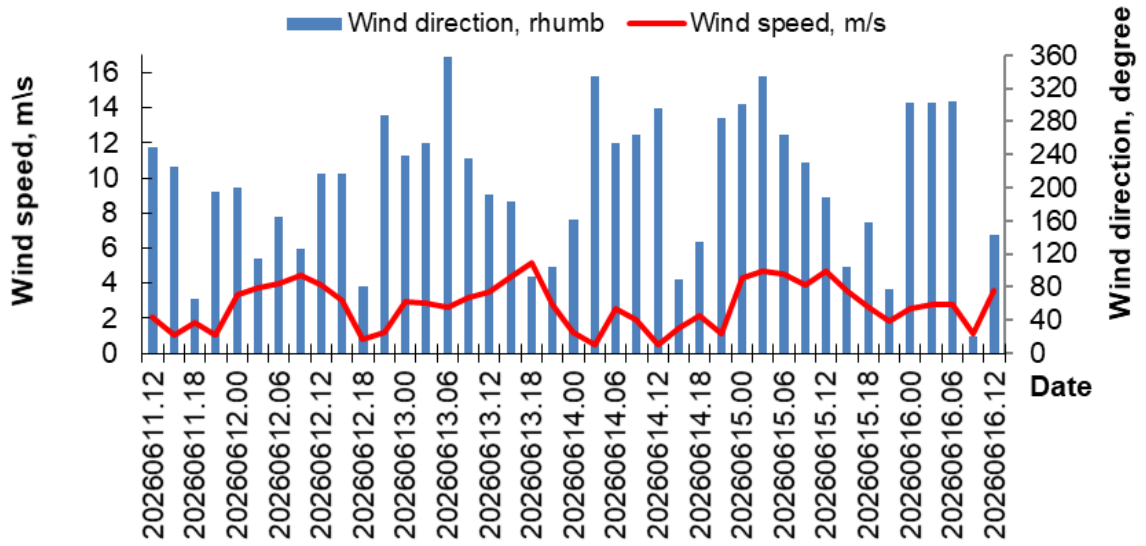


### Wave condition in the Saura

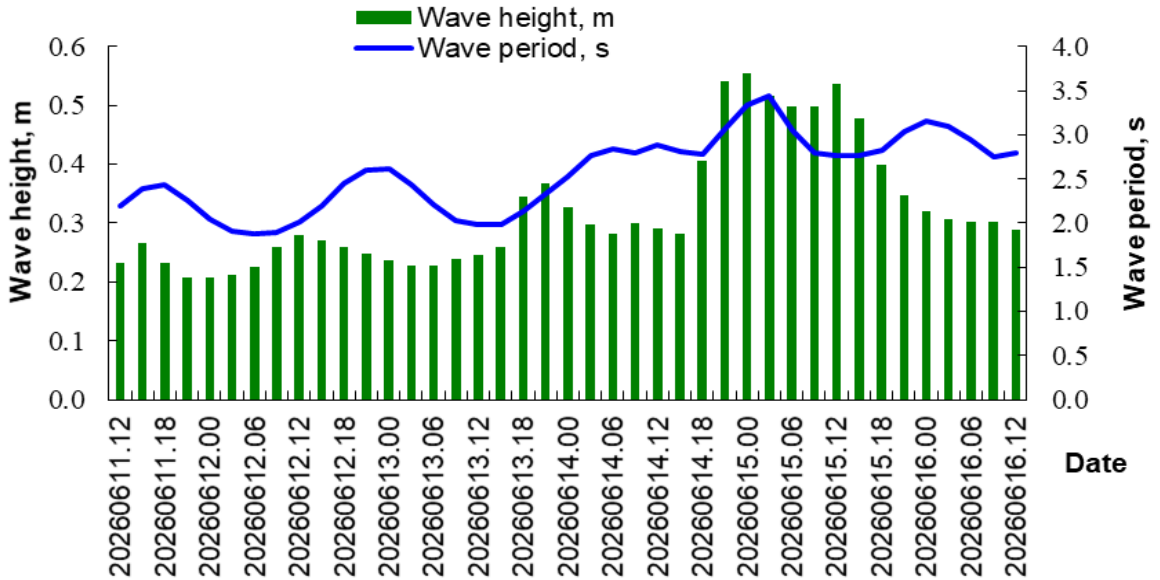


Date time	Saura				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260611.12	0.13	SW	2.1	1	W
20260611.15	0.17	SW	2.2	1	SW
20260611.18	0.16	SW	2.2	1	SW
20260611.21	0.15	SW	2.3	2	W
20260612.00	0.15	SW	2.3	2	W
20260612.03	0.15	SW	2.4	2	SW
20260612.06	0.16	SW	2.4	2	E
20260612.09	0.19	SW	2.3	2	SW
20260612.12	0.23	SW	2.0	3	N
20260612.15	0.25	SW	2.1	2	W
20260612.18	0.26	W	2.2	2	S
20260612.21	0.27	W	2.4	2	S
20260613.00	0.26	W	2.6	1	NE
20260613.03	0.25	W	2.6	1	NE
20260613.06	0.24	W	2.5	1	NE
20260613.09	0.23	W	2.5	1	N
20260613.12	0.22	W	2.4	3	SW
20260613.15	0.23	W	2.1	4	S
20260613.18	0.28	W	2.0	5	S
20260613.21	0.33	W	2.1	5	SW
20260614.00	0.33	SW	2.1	4	W
20260614.03	0.30	SW	2.2	3	W
20260614.06	0.27	SW	2.3	1	S
20260614.09	0.26	SW	2.4	4	SW
20260614.12	0.29	SW	2.2	6	W
20260614.15	0.34	SW	2.2	5	SW
20260614.18	0.43	SW	2.6	2	SE
20260614.21	0.54	SW	3.1	4	S
20260615.00	0.58	SW	3.4	6	E
20260615.03	0.52	SW	3.4	5	E
20260615.06	0.44	SW	3.2	4	W
20260615.09	0.39	SW	3.1	3	SW
20260615.12	0.37	SW	3.0	4	SE
20260615.15	0.35	SW	2.9	3	SE
20260615.18	0.33	SW	2.9	3	S
20260615.21	0.33	SW	3.0	3	NE
20260616.00	0.33	W	3.1	4	W
20260616.03	0.32	W	3.1	4	W
20260616.06	0.34	SW	2.8	5	N
20260616.09	0.34	SW	2.5	4	N
20260616.12	0.32	SW	2.6	3	SE

### Wind condition in the Kuryik



### Wave condition in the Kuryik



Date time	Kuryk				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260611.12	0.23	S	2.2	2	W
20260611.15	0.27	S	2.4	1	SW
20260611.18	0.23	S	2.4	2	NE
20260611.21	0.21	S	2.3	1	S
20260612.00	0.21	S	2.0	3	S
20260612.03	0.21	SW	1.9	4	SE
20260612.06	0.23	W	1.9	4	S
20260612.09	0.26	NW	1.9	4	SE
20260612.12	0.28	NW	2.0	4	SW
20260612.15	0.27	W	2.2	3	SW
20260612.18	0.26	W	2.4	1	E
20260612.21	0.25	W	2.6	1	W
20260613.00	0.24	W	2.6	3	SW
20260613.03	0.23	W	2.4	3	W
20260613.06	0.23	W	2.2	3	N
20260613.09	0.24	SW	2.0	3	SW
20260613.12	0.24	SW	2.0	3	S
20260613.15	0.26	SW	2.0	4	S
20260613.18	0.35	W	2.1	5	E
20260613.21	0.37	W	2.3	3	E
20260614.00	0.33	W	2.5	1	S
20260614.03	0.30	W	2.8	0	NW
20260614.06	0.28	SW	2.8	3	W
20260614.09	0.30	SW	2.8	2	W
20260614.12	0.29	SW	2.9	1	NW
20260614.15	0.28	SW	2.8	1	E
20260614.18	0.41	W	2.8	2	SE
20260614.21	0.54	SW	3.1	1	W
20260615.00	0.55	SW	3.3	4	NW
20260615.03	0.52	SW	3.4	5	NW
20260615.06	0.50	SW	3.0	5	W
20260615.09	0.50	SW	2.8	4	SW
20260615.12	0.54	SW	2.8	5	S
20260615.15	0.48	SW	2.8	4	E
20260615.18	0.40	SW	2.8	3	S
20260615.21	0.35	SW	3.0	2	E
20260616.00	0.32	SW	3.1	3	NW
20260616.03	0.31	SW	3.1	3	NW
20260616.06	0.30	SW	2.9	3	NW
20260616.09	0.30	SW	2.7	1	N
20260616.12	0.29	SW	2.8	4	SE

*\*Calculation characteristics were obtained using the SWAN wave model, adapted in RSE «Kazhydromet» to the conditions of the Caspian Sea.*

Compiled by: Bazarbay L.B.

Checked by: Kurmangalieva A.K.

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