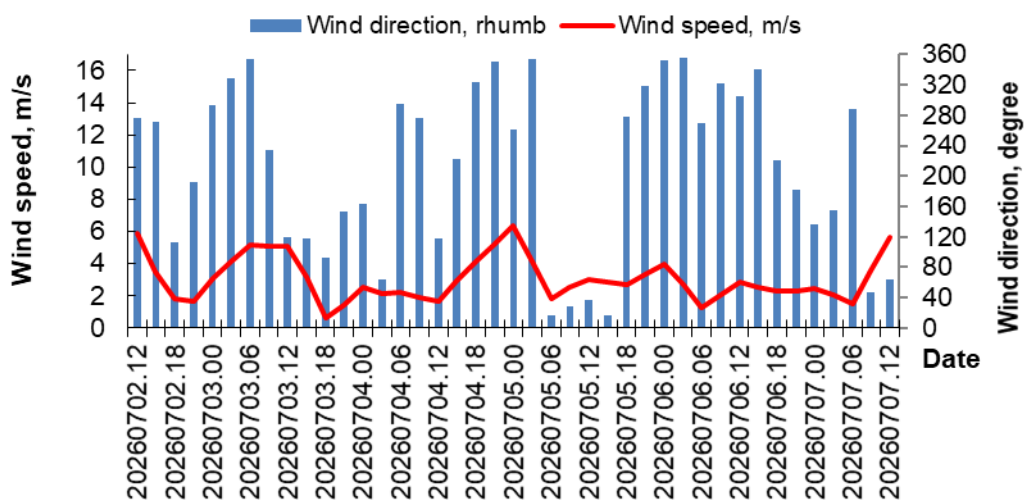




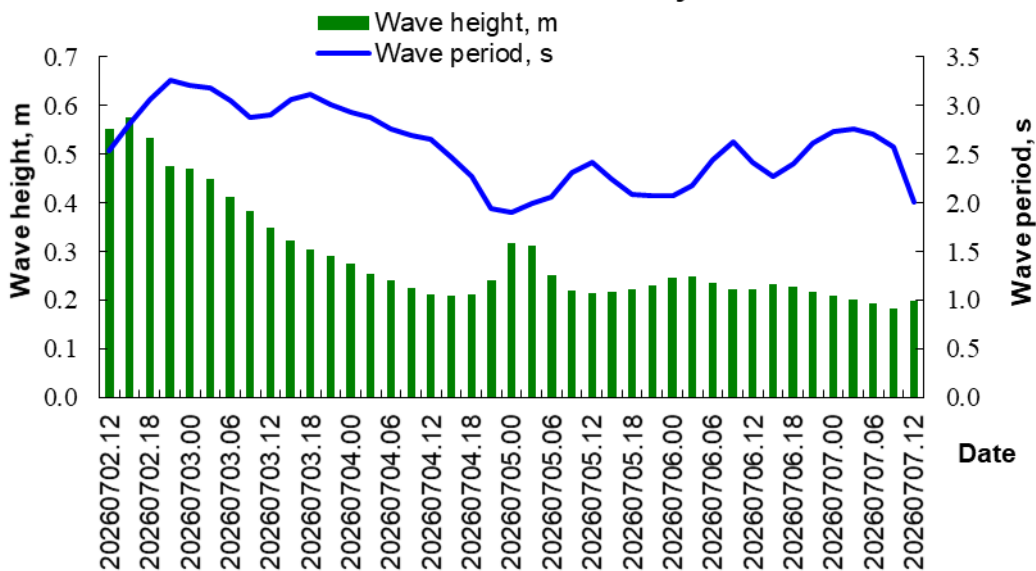
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES  
OF THE REPUBLIC OF KAZAKHSTAN  
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance  
using SWAN spectral model for the period July 02 – 07, 2026 .**

**Wind condition in the Kulaly**

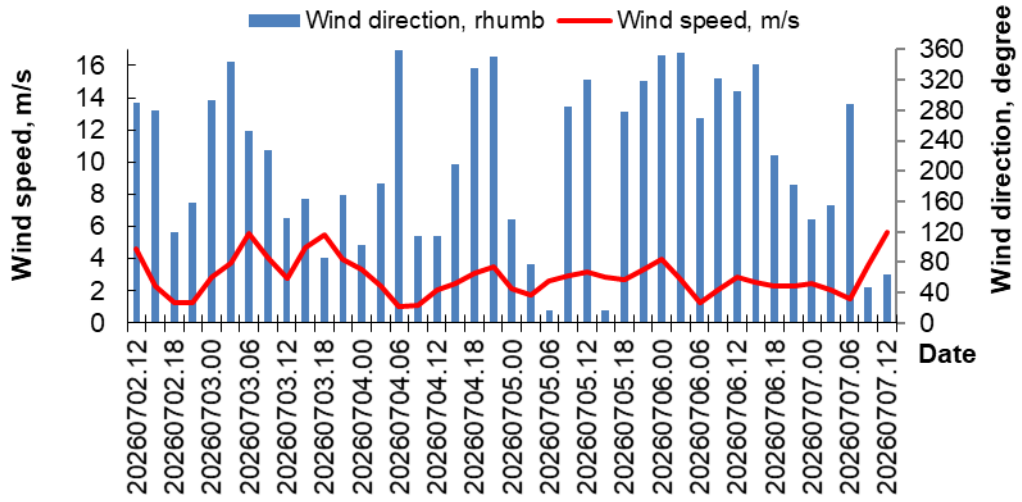


**Wave condition in the Kulaly**

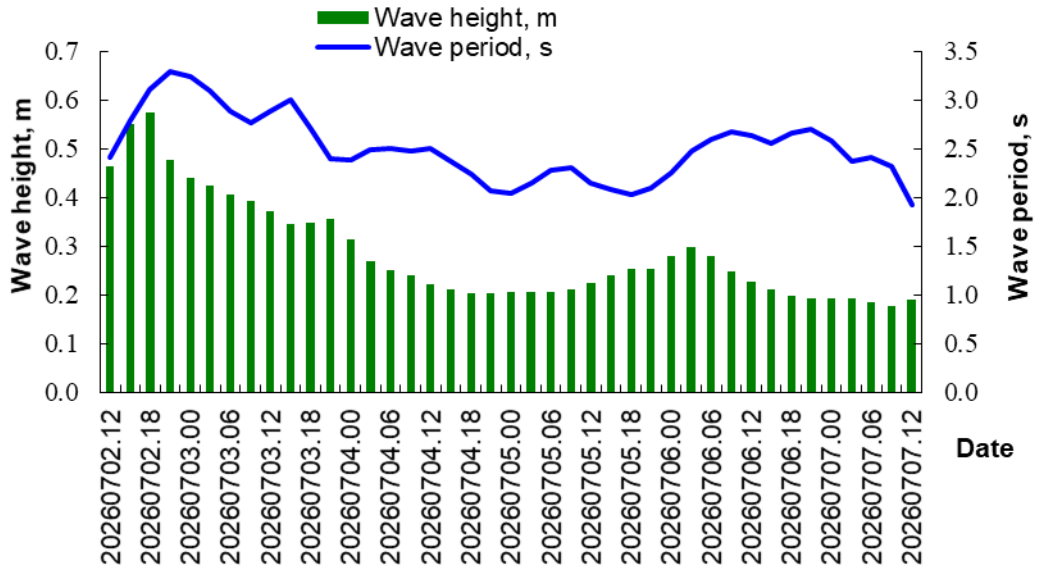


Date time	Kulaly				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260702.12	0.55	E	2.5	6	W
20260702.15	0.58	E	2.8	3	W
20260702.18	0.53	E	3.1	2	E
20260702.21	0.48	E	3.3	2	S
20260703.00	0.47	E	3.2	3	NW
20260703.03	0.45	E	3.2	4	NW
20260703.06	0.41	E	3.1	5	N
20260703.09	0.38	E	2.9	5	SW
20260703.12	0.35	E	2.9	5	SE
20260703.15	0.32	E	3.1	3	SE
20260703.18	0.30	E	3.1	1	E
20260703.21	0.29	E	3.0	1	SE
20260704.00	0.27	E	2.9	3	S
20260704.03	0.26	E	2.9	2	NE
20260704.06	0.24	E	2.8	2	NW
20260704.09	0.23	E	2.7	2	W
20260704.12	0.21	SE	2.7	2	SE
20260704.15	0.21	SE	2.5	3	SW
20260704.18	0.21	SE	2.3	4	NW
20260704.21	0.24	S	1.9	5	N
20260705.00	0.32	S	1.9	6	W
20260705.03	0.31	S	2.0	4	N
20260705.06	0.25	S	2.1	2	N
20260705.09	0.22	S	2.3	3	NE
20260705.12	0.21	S	2.4	3	NE
20260705.15	0.22	S	2.3	3	N
20260705.18	0.22	S	2.1	3	W
20260705.21	0.23	SE	2.1	3	NW
20260706.00	0.25	S	2.1	4	N
20260706.03	0.25	S	2.2	3	N
20260706.06	0.24	S	2.4	1	W
20260706.09	0.22	S	2.6	2	NW
20260706.12	0.22	S	2.4	3	NW
20260706.15	0.23	S	2.3	3	N
20260706.18	0.23	S	2.4	2	SW
20260706.21	0.22	S	2.6	2	S
20260707.00	0.21	S	2.7	2	SE
20260707.03	0.20	S	2.8	2	SE
20260707.06	0.19	S	2.7	1	W
20260707.09	0.18	S	2.6	4	NE
20260707.12	0.20	S	2.0	6	NE

### Wind condition in the Fort-Shevchenko

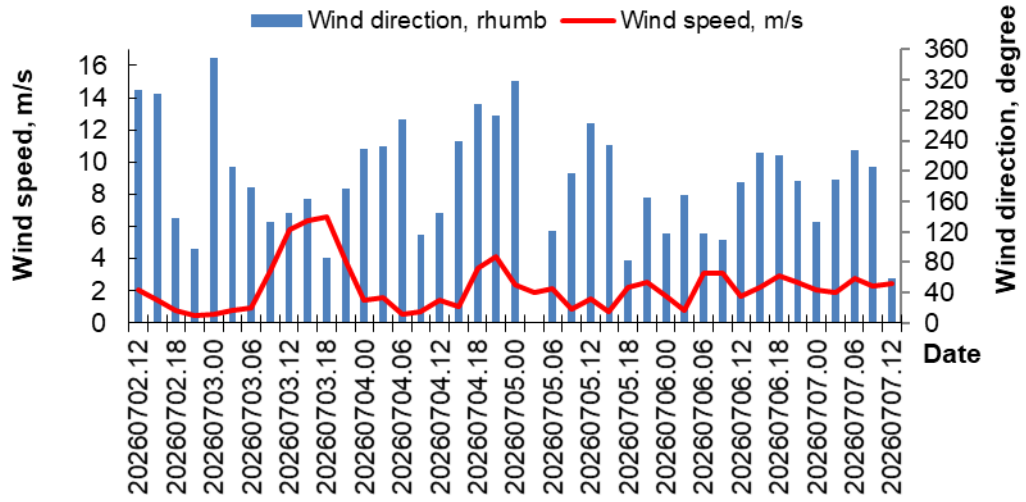


### Wave condition in the Fort-Shevchenko

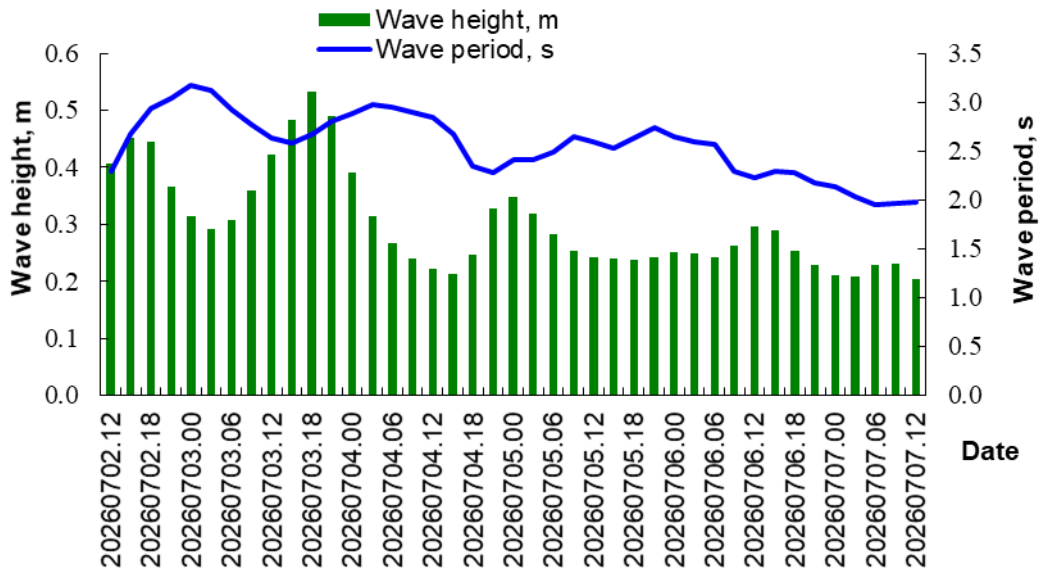


Date time	Fort-Shevchenko				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260702.12	0.46	E	2.4	5	W
20260702.15	0.55	SE	2.8	2	W
20260702.18	0.57	SE	3.1	1	SE
20260702.21	0.48	SE	3.3	1	S
20260703.00	0.44	E	3.2	3	NW
20260703.03	0.42	E	3.1	4	N
20260703.06	0.41	E	2.9	6	W
20260703.09	0.39	SE	2.8	4	SW
20260703.12	0.37	E	2.9	3	SE
20260703.15	0.35	E	3.0	5	S
20260703.18	0.35	E	2.7	5	E
20260703.21	0.36	NE	2.4	4	S
20260704.00	0.31	NE	2.4	3	E
20260704.03	0.27	NE	2.5	2	S
20260704.06	0.25	E	2.5	1	N
20260704.09	0.24	E	2.5	1	SE
20260704.12	0.22	E	2.5	2	SE
20260704.15	0.21	E	2.4	2	SW
20260704.18	0.20	SE	2.2	3	NW
20260704.21	0.20	S	2.1	4	N
20260705.00	0.21	S	2.0	2	SE
20260705.03	0.21	S	2.2	2	E
20260705.06	0.21	S	2.3	3	N
20260705.09	0.21	S	2.3	3	W
20260705.12	0.22	SE	2.2	3	NW
20260705.15	0.24	SE	2.1	3	N
20260705.18	0.25	SE	2.0	3	W
20260705.21	0.25	SE	2.1	3	NW
20260706.00	0.28	S	2.3	4	N
20260706.03	0.30	S	2.5	3	N
20260706.06	0.28	S	2.6	1	W
20260706.09	0.25	S	2.7	2	NW
20260706.12	0.23	S	2.6	3	NW
20260706.15	0.21	S	2.6	3	N
20260706.18	0.20	S	2.7	2	SW
20260706.21	0.19	S	2.7	2	S
20260707.00	0.19	S	2.6	2	SE
20260707.03	0.19	SW	2.4	2	SE
20260707.06	0.19	SW	2.4	1	W
20260707.09	0.18	SW	2.3	4	NE
20260707.12	0.19	S	1.9	6	NE

### Wind condition in the Aktau

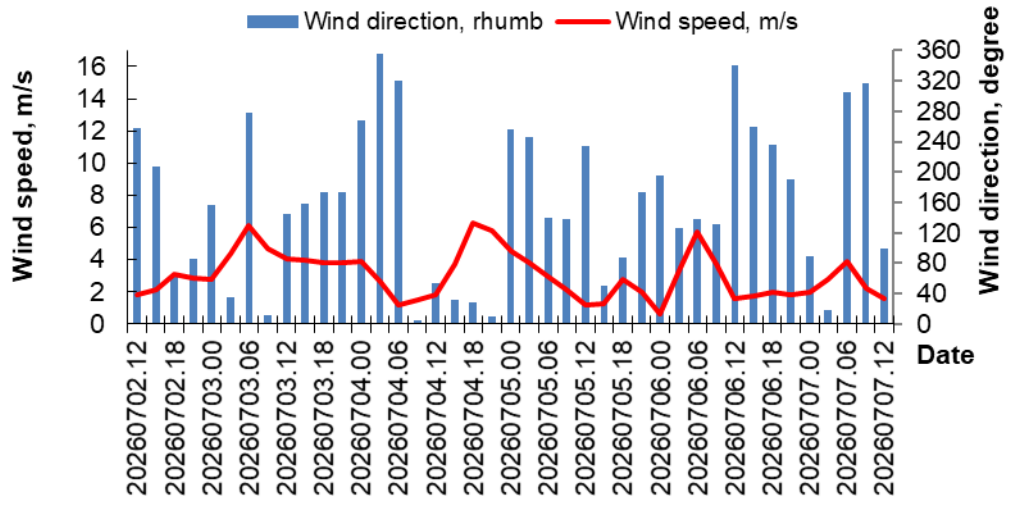


### Wave condition in the Aktau

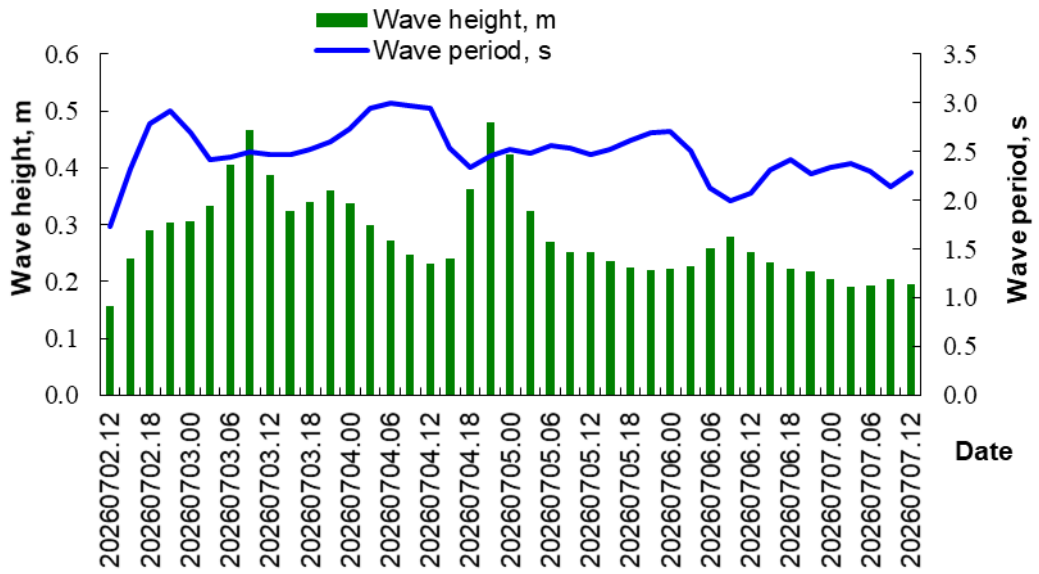


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260702.12	0.41	SE	2.3	2	NW
20260702.15	0.45	SE	2.7	1	NW
20260702.18	0.45	SE	2.9	1	SE
20260702.21	0.37	SE	3.0	0	E
20260703.00	0.31	SE	3.2	1	N
20260703.03	0.29	E	3.1	1	SW
20260703.06	0.31	E	2.9	1	S
20260703.09	0.36	E	2.8	3	SE
20260703.12	0.42	NE	2.6	6	SE
20260703.15	0.48	NW	2.6	6	S
20260703.18	0.53	N	2.7	7	E
20260703.21	0.49	N	2.8	4	S
20260704.00	0.39	NW	2.9	1	SW
20260704.03	0.31	NW	3.0	2	SW
20260704.06	0.27	N	3.0	1	W
20260704.09	0.24	N	2.9	1	SE
20260704.12	0.22	N	2.8	1	SE
20260704.15	0.21	N	2.7	1	SW
20260704.18	0.25	N	2.3	3	W
20260704.21	0.33	NE	2.3	4	W
20260705.00	0.35	NE	2.4	2	NW
20260705.03	0.32	NE	2.4	2	N
20260705.06	0.28	NE	2.5	2	SE
20260705.09	0.25	NE	2.6	1	S
20260705.12	0.24	E	2.6	2	W
20260705.15	0.24	SE	2.5	1	SW
20260705.18	0.24	SE	2.6	2	E
20260705.21	0.24	S	2.7	3	S
20260706.00	0.25	S	2.6	2	SE
20260706.03	0.25	S	2.6	1	S
20260706.06	0.24	S	2.6	3	SE
20260706.09	0.26	SW	2.3	3	E
20260706.12	0.30	W	2.2	2	S
20260706.15	0.29	W	2.3	2	SW
20260706.18	0.25	W	2.3	3	SW
20260706.21	0.23	W	2.2	3	S
20260707.00	0.21	W	2.1	2	SE
20260707.03	0.21	W	2.0	2	S
20260707.06	0.23	W	1.9	3	SW
20260707.09	0.23	SW	2.0	2	SW
20260707.12	0.20	SW	2.0	2	NE

### Wind condition in the Peschanyi

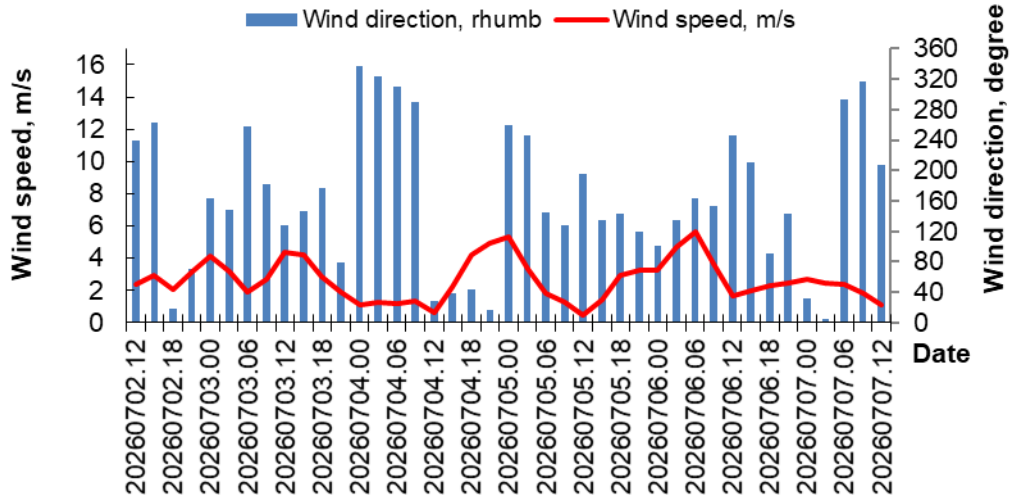


### Wave condition in the Peschanyi

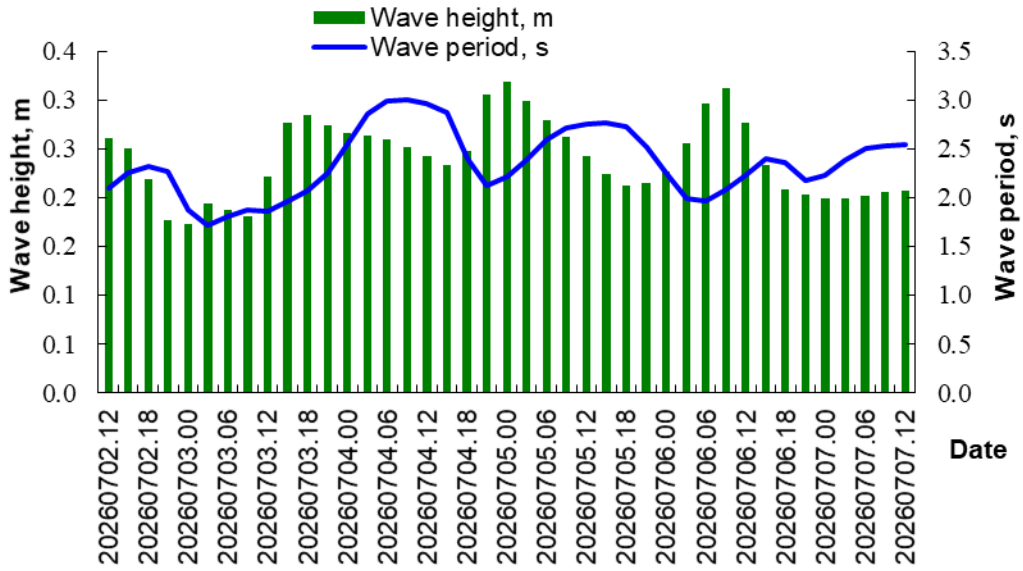


Date time	Peschanyi (Isan)				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260702.12	0.16	SE	1.7	2	W
20260702.15	0.24	SE	2.3	2	SW
20260702.18	0.29	SE	2.8	3	NE
20260702.21	0.30	SE	2.9	3	E
20260703.00	0.30	SE	2.7	3	SE
20260703.03	0.33	NE	2.4	4	NE
20260703.06	0.41	E	2.4	6	W
20260703.09	0.47	E	2.5	5	N
20260703.12	0.39	NE	2.5	4	SE
20260703.15	0.32	N	2.5	4	S
20260703.18	0.34	NW	2.5	4	S
20260703.21	0.36	NW	2.6	4	S
20260704.00	0.34	NW	2.7	4	W
20260704.03	0.30	NW	2.9	3	N
20260704.06	0.27	NW	3.0	1	NW
20260704.09	0.25	NW	3.0	1	N
20260704.12	0.23	NW	2.9	2	NE
20260704.15	0.24	N	2.5	4	NE
20260704.18	0.36	N	2.3	6	NE
20260704.21	0.48	NE	2.5	6	N
20260705.00	0.42	NE	2.5	5	W
20260705.03	0.32	NE	2.5	4	SW
20260705.06	0.27	NE	2.6	3	SE
20260705.09	0.25	NE	2.5	2	SE
20260705.12	0.25	NE	2.5	1	SW
20260705.15	0.24	SE	2.5	1	NE
20260705.18	0.22	SE	2.6	3	E
20260705.21	0.22	SE	2.7	2	S
20260706.00	0.22	S	2.7	1	S
20260706.03	0.23	S	2.5	3	SE
20260706.06	0.26	W	2.1	6	SE
20260706.09	0.28	W	2.0	4	SE
20260706.12	0.25	W	2.1	2	N
20260706.15	0.23	W	2.3	2	W
20260706.18	0.22	W	2.4	2	SW
20260706.21	0.22	W	2.3	2	S
20260707.00	0.20	W	2.3	2	E
20260707.03	0.19	W	2.4	3	N
20260707.06	0.19	W	2.3	4	NW
20260707.09	0.20	SW	2.1	2	NW
20260707.12	0.19	W	2.3	2	E

### Wind condition in the Fetisovo

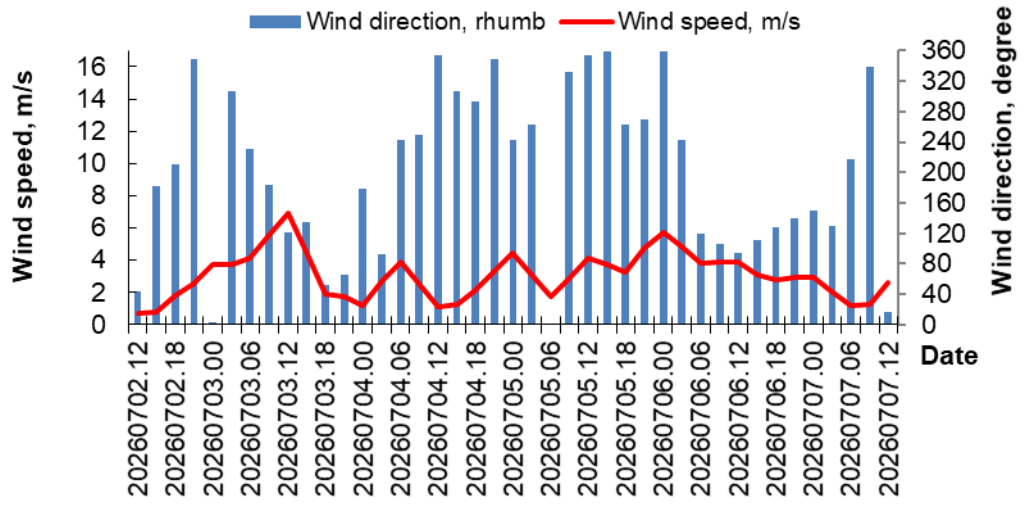


### Wave condition in the Fetisovo

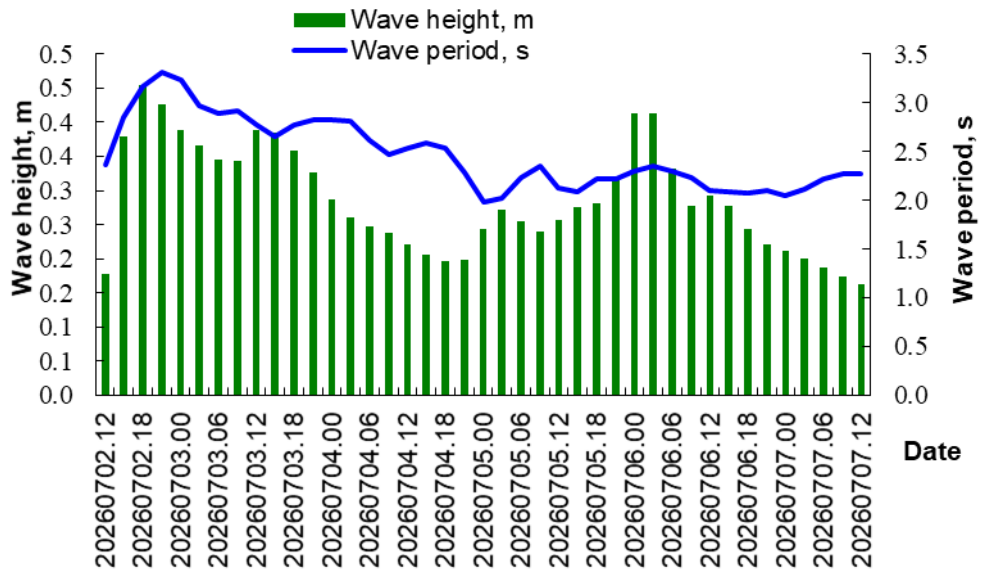


Date time	Fetisovo				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260702.12	0.26	S	2.1	2	SW
20260702.15	0.25	S	2.3	3	W
20260702.18	0.22	SE	2.3	2	N
20260702.21	0.18	SE	2.3	3	E
20260703.00	0.17	SE	1.9	4	S
20260703.03	0.19	N	1.7	3	SE
20260703.06	0.19	N	1.8	2	W
20260703.09	0.18	N	1.9	3	S
20260703.12	0.22	N	1.9	4	SE
20260703.15	0.28	N	2.0	4	SE
20260703.18	0.28	N	2.1	3	S
20260703.21	0.27	NW	2.3	2	E
20260704.00	0.27	NW	2.5	1	NW
20260704.03	0.26	NW	2.9	1	NW
20260704.06	0.26	NW	3.0	1	NW
20260704.09	0.25	NW	3.0	1	W
20260704.12	0.24	NW	3.0	1	NE
20260704.15	0.23	NW	2.9	2	NE
20260704.18	0.25	N	2.4	4	NE
20260704.21	0.31	N	2.1	5	N
20260705.00	0.32	NE	2.2	5	W
20260705.03	0.30	NE	2.4	3	SW
20260705.06	0.28	NE	2.6	2	SE
20260705.09	0.26	NE	2.7	1	SE
20260705.12	0.24	N	2.8	0	S
20260705.15	0.22	N	2.8	1	SE
20260705.18	0.21	N	2.7	3	SE
20260705.21	0.21	W	2.5	3	SE
20260706.00	0.23	W	2.3	3	E
20260706.03	0.26	W	2.0	5	SE
20260706.06	0.30	NW	2.0	6	S
20260706.09	0.31	NW	2.1	4	SE
20260706.12	0.28	NW	2.2	2	SW
20260706.15	0.23	NW	2.4	2	SW
20260706.18	0.21	NW	2.4	2	E
20260706.21	0.20	NW	2.2	2	SE
20260707.00	0.20	W	2.2	3	NE
20260707.03	0.20	W	2.4	2	N
20260707.06	0.20	W	2.5	2	NW
20260707.09	0.21	W	2.5	2	NW
20260707.12	0.21	W	2.5	1	SW

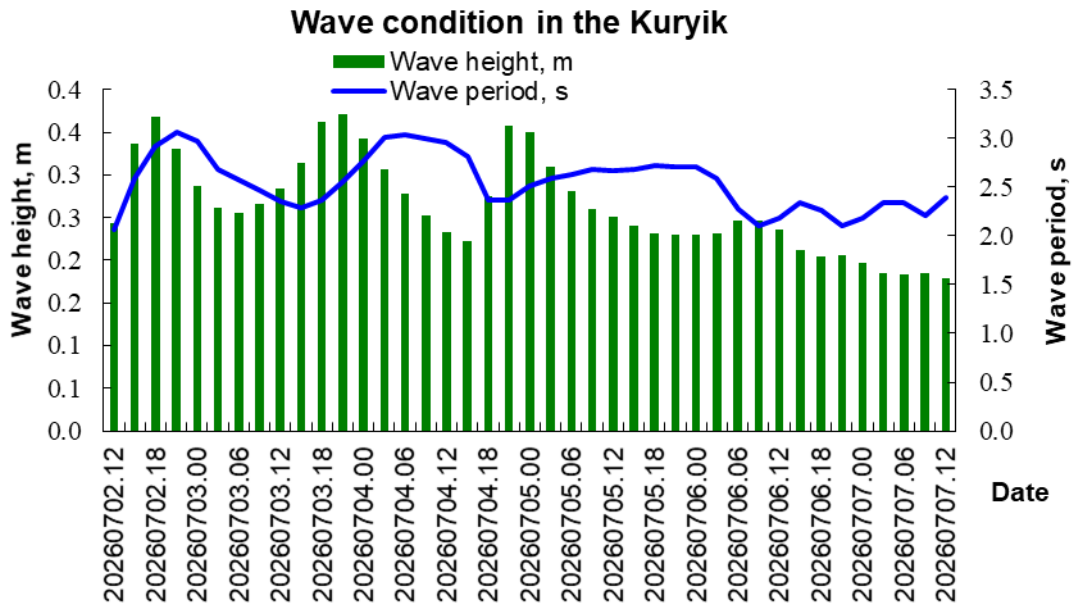
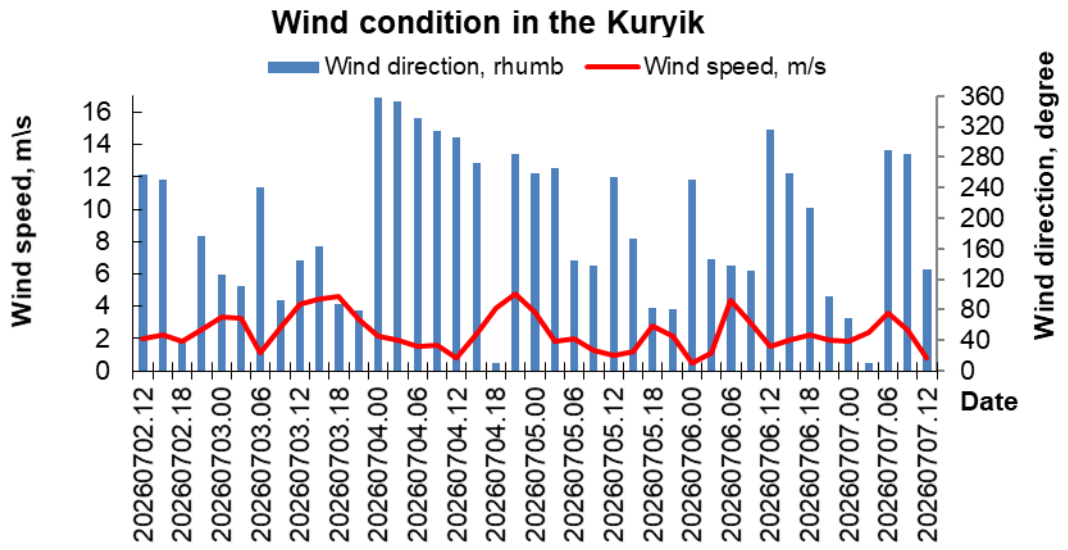
### Wind condition in the Saura



### Wave condition in the Saura



Date time	Saura				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260702.12	0.18	SE	2.4	1	NE
20260702.15	0.38	SE	2.9	1	S
20260702.18	0.46	SE	3.2	2	SW
20260702.21	0.43	SE	3.3	3	N
20260703.00	0.39	SE	3.2	4	N
20260703.03	0.37	E	3.0	4	NW
20260703.06	0.35	E	2.9	4	SW
20260703.09	0.34	E	2.9	6	S
20260703.12	0.39	E	2.8	7	SE
20260703.15	0.39	N	2.7	5	SE
20260703.18	0.36	NE	2.8	2	NE
20260703.21	0.33	NE	2.8	2	NE
20260704.00	0.29	NE	2.8	1	S
20260704.03	0.26	NE	2.8	3	E
20260704.06	0.25	N	2.6	4	SW
20260704.09	0.24	N	2.5	3	W
20260704.12	0.22	N	2.5	1	N
20260704.15	0.21	N	2.6	1	NW
20260704.18	0.20	N	2.5	2	NW
20260704.21	0.20	N	2.3	3	N
20260705.00	0.24	S	2.0	4	SW
20260705.03	0.27	S	2.0	3	W
20260705.06	0.25	S	2.2	2	N
20260705.09	0.24	SE	2.3	3	NW
20260705.12	0.26	SE	2.1	4	N
20260705.15	0.28	S	2.1	4	N
20260705.18	0.28	S	2.2	3	W
20260705.21	0.32	S	2.2	5	W
20260706.00	0.41	S	2.3	6	N
20260706.03	0.41	S	2.4	5	SW
20260706.06	0.33	S	2.3	4	SE
20260706.09	0.28	S	2.2	4	E
20260706.12	0.29	SW	2.1	4	E
20260706.15	0.28	SW	2.1	3	E
20260706.18	0.24	SW	2.1	3	SE
20260706.21	0.22	SW	2.1	3	SE
20260707.00	0.21	W	2.0	3	SE
20260707.03	0.20	W	2.1	2	SE
20260707.06	0.19	SW	2.2	1	SW
20260707.09	0.17	SW	2.3	1	N
20260707.12	0.16	SW	2.3	3	N



Date time	Kuryk				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260702.12	0.24	SE	2.1	2	W
20260702.15	0.34	SE	2.6	2	W
20260702.18	0.37	SE	2.9	2	NE
20260702.21	0.33	SE	3.1	3	S
20260703.00	0.29	SE	3.0	3	SE
20260703.03	0.26	SE	2.7	3	E
20260703.06	0.26	E	2.6	1	SW
20260703.09	0.27	NE	2.5	3	E
20260703.12	0.28	NE	2.4	4	SE
20260703.15	0.31	N	2.3	4	S
20260703.18	0.36	NW	2.4	5	E
20260703.21	0.37	NW	2.5	3	E
20260704.00	0.34	NW	2.8	2	N
20260704.03	0.31	NW	3.0	2	N
20260704.06	0.28	NW	3.0	2	NW
20260704.09	0.25	NW	3.0	2	NW
20260704.12	0.23	NW	3.0	1	NW
20260704.15	0.22	N	2.8	2	W
20260704.18	0.27	N	2.4	4	N
20260704.21	0.36	NE	2.4	5	W
20260705.00	0.35	NE	2.5	4	W
20260705.03	0.31	NE	2.6	2	W
20260705.06	0.28	NE	2.6	2	SE
20260705.09	0.26	NE	2.7	1	SE
20260705.12	0.25	NE	2.7	1	W
20260705.15	0.24	E	2.7	1	S
20260705.18	0.23	SE	2.7	3	E
20260705.21	0.23	S	2.7	2	E
20260706.00	0.23	S	2.7	0	W
20260706.03	0.23	S	2.6	1	SE
20260706.06	0.25	SW	2.3	4	SE
20260706.09	0.25	SW	2.1	3	SE
20260706.12	0.24	W	2.2	1	NW
20260706.15	0.21	W	2.3	2	W
20260706.18	0.20	W	2.3	2	SW
20260706.21	0.21	W	2.1	2	E
20260707.00	0.20	W	2.2	2	E
20260707.03	0.19	W	2.3	2	N
20260707.06	0.18	W	2.3	4	W
20260707.09	0.18	W	2.2	3	W
20260707.12	0.18	W	2.4	1	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: Zhagparova N.N.

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