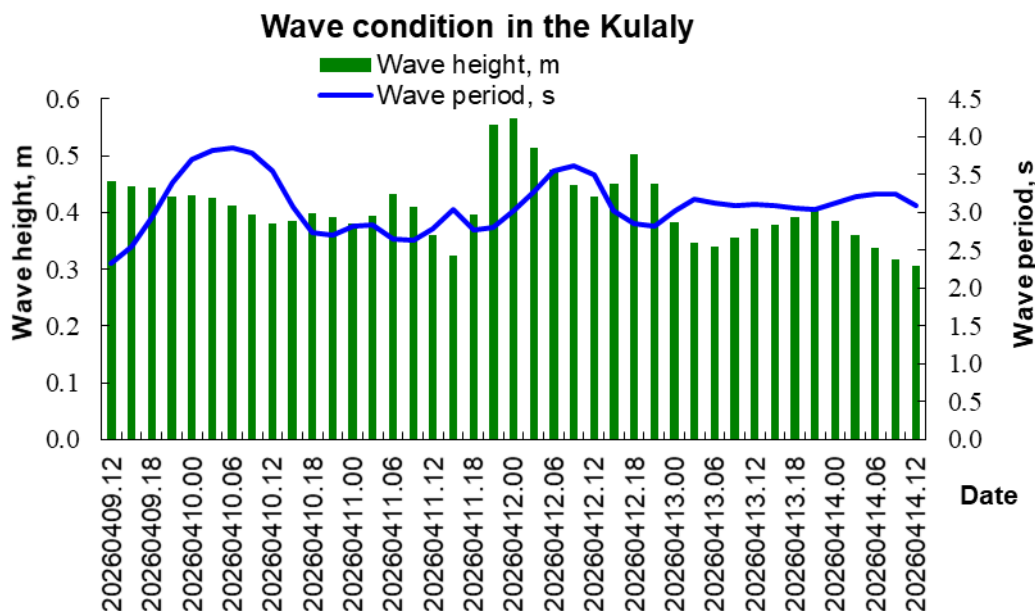
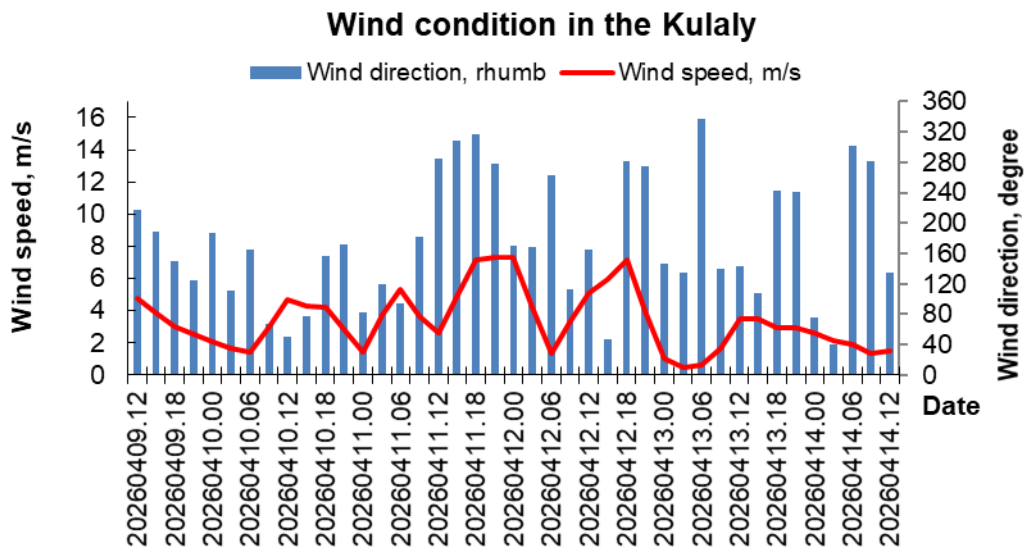




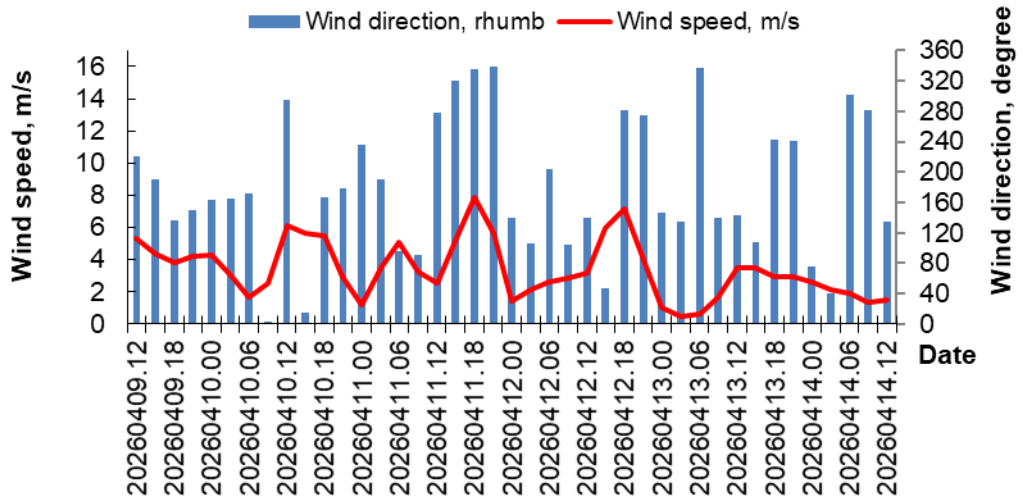
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES  
OF THE REPUBLIC OF KAZAKHSTAN  
RSE «KAZHYDROMET»**

**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 09 – 14, 2026 .**

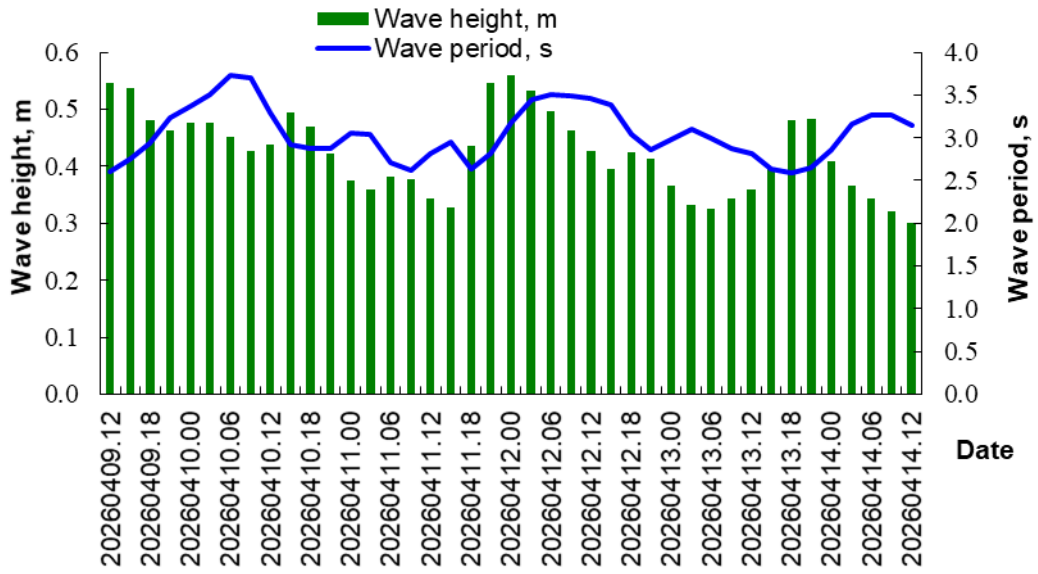


Date time	Kulaly				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260409.12	0.45	SW	2.3	5	SW
20260409.15	0.45	SW	2.5	4	S
20260409.18	0.44	SW	2.9	3	SE
20260409.21	0.43	SW	3.4	3	SE
20260410.00	0.43	SW	3.7	2	S
20260410.03	0.43	SW	3.8	2	E
20260410.06	0.41	S	3.8	1	S
20260410.09	0.40	S	3.8	3	E
20260410.12	0.38	S	3.5	5	NE
20260410.15	0.39	S	3.1	4	E
20260410.18	0.40	S	2.7	4	SE
20260410.21	0.39	SE	2.7	3	S
20260411.00	0.38	SE	2.8	1	E
20260411.03	0.39	W	2.8	4	SE
20260411.06	0.43	W	2.7	5	E
20260411.09	0.41	NW	2.6	4	S
20260411.12	0.36	NW	2.8	3	W
20260411.15	0.32	NW	3.0	5	NW
20260411.18	0.40	E	2.8	7	NW
20260411.21	0.55	SE	2.8	7	W
20260412.00	0.57	E	3.0	7	S
20260412.03	0.51	E	3.3	4	S
20260412.06	0.48	E	3.6	1	W
20260412.09	0.45	E	3.6	3	SE
20260412.12	0.43	E	3.5	5	S
20260412.15	0.45	E	3.0	6	NE
20260412.18	0.50	E	2.8	7	W
20260412.21	0.45	E	2.8	4	W
20260413.00	0.38	E	3.0	1	SE
20260413.03	0.35	SE	3.2	0	SE
20260413.06	0.34	E	3.1	1	NW
20260413.09	0.36	E	3.1	2	SE
20260413.12	0.37	NE	3.1	3	SE
20260413.15	0.38	NE	3.1	3	E
20260413.18	0.39	N	3.1	3	SW
20260413.21	0.40	NW	3.0	3	SW
20260414.00	0.39	NW	3.1	3	E
20260414.03	0.36	N	3.2	2	NE
20260414.06	0.34	E	3.3	2	NW
20260414.09	0.32	E	3.2	1	W
20260414.12	0.31	SE	3.1	2	SE

### Wind condition in the Fort-Shevchenko

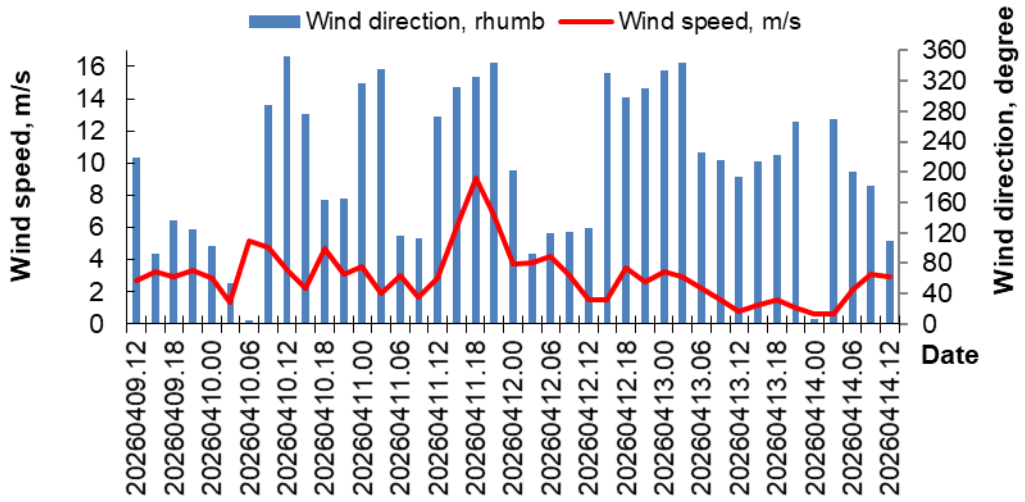


### Wave condition in the Fort-Shevchenko

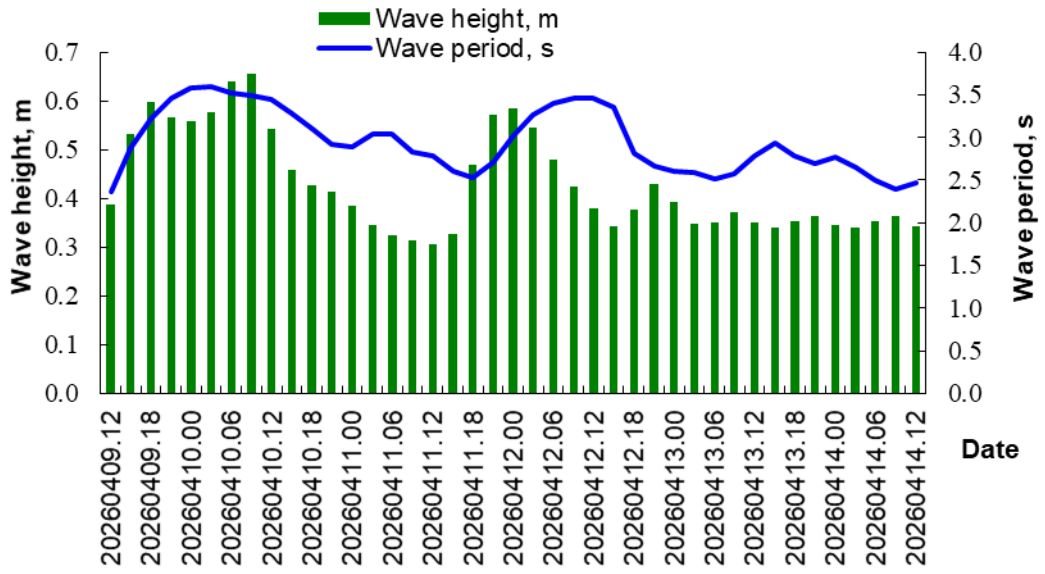


Date time	Fort-Shevchenko				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260409.12	0.55	SW	2.6	5	SW
20260409.15	0.54	SW	2.8	4	S
20260409.18	0.48	SW	2.9	4	SE
20260409.21	0.46	SW	3.2	4	SE
20260410.00	0.48	SW	3.4	4	S
20260410.03	0.48	SW	3.5	3	S
20260410.06	0.45	SW	3.7	2	S
20260410.09	0.43	SW	3.7	3	N
20260410.12	0.44	S	3.3	6	NW
20260410.15	0.50	SE	2.9	6	N
20260410.18	0.47	SE	2.9	6	S
20260410.21	0.42	SE	2.9	3	S
20260411.00	0.37	SE	3.1	1	SW
20260411.03	0.36	SE	3.0	4	S
20260411.06	0.38	W	2.7	5	E
20260411.09	0.38	W	2.6	3	E
20260411.12	0.34	NW	2.8	3	W
20260411.15	0.33	NW	3.0	5	NW
20260411.18	0.44	SE	2.6	8	NW
20260411.21	0.55	SE	2.8	6	N
20260412.00	0.56	SE	3.2	1	SE
20260412.03	0.53	SE	3.4	2	E
20260412.06	0.50	SE	3.5	3	SW
20260412.09	0.46	SE	3.5	3	E
20260412.12	0.43	SE	3.5	3	SE
20260412.15	0.40	SE	3.4	6	NE
20260412.18	0.42	SE	3.0	7	W
20260412.21	0.41	SE	2.9	4	W
20260413.00	0.37	SE	3.0	1	SE
20260413.03	0.33	SE	3.1	0	SE
20260413.06	0.32	SE	3.0	1	NW
20260413.09	0.34	E	2.9	2	SE
20260413.12	0.36	E	2.8	3	SE
20260413.15	0.40	E	2.6	3	E
20260413.18	0.48	NE	2.6	3	SW
20260413.21	0.48	NE	2.7	3	SW
20260414.00	0.41	NE	2.9	3	E
20260414.03	0.37	E	3.2	2	NE
20260414.06	0.34	E	3.3	2	NW
20260414.09	0.32	E	3.3	1	W
20260414.12	0.30	SE	3.1	2	SE

### Wind condition in the Aktau

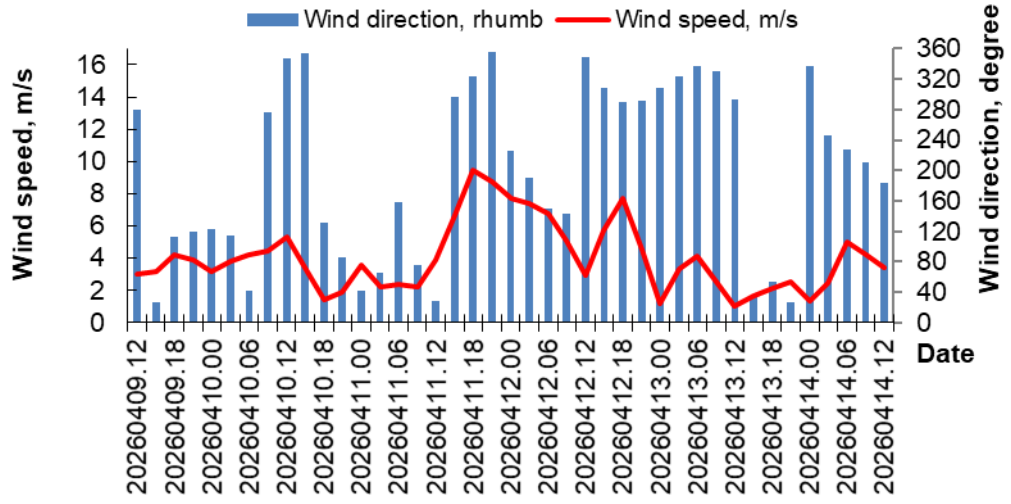


### Wave condition in the Aktau

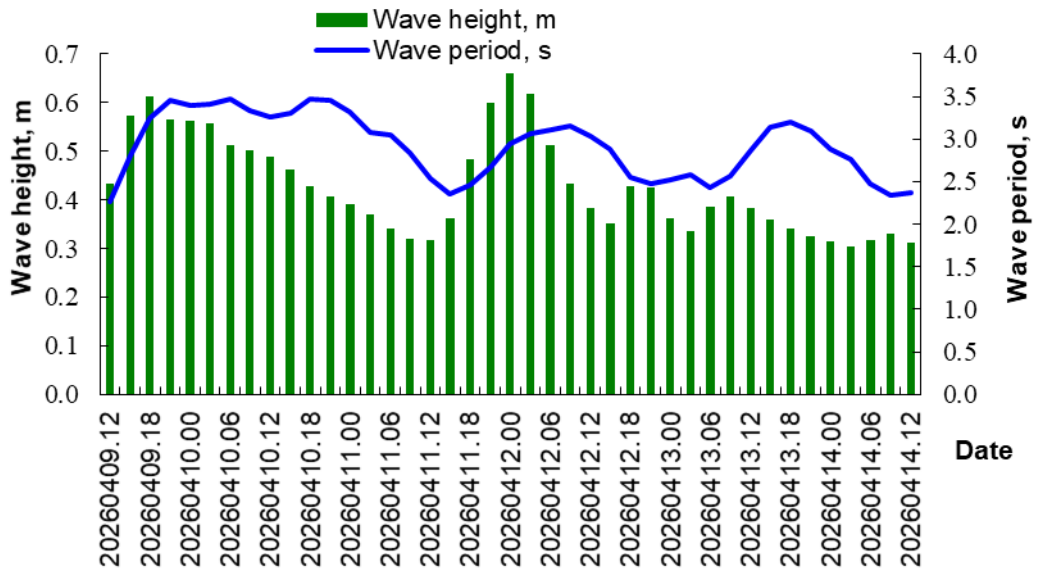


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260409.12	0.39	SW	2.4	3	SW
20260409.15	0.53	SW	2.9	3	E
20260409.18	0.60	SW	3.2	3	SE
20260409.21	0.57	W	3.5	3	SE
20260410.00	0.56	W	3.6	3	E
20260410.03	0.58	W	3.6	1	NE
20260410.06	0.64	N	3.5	5	N
20260410.09	0.65	NE	3.5	5	W
20260410.12	0.54	E	3.4	3	N
20260410.15	0.46	S	3.3	2	W
20260410.18	0.43	S	3.1	5	S
20260410.21	0.42	N	2.9	3	S
20260411.00	0.38	NE	2.9	4	NW
20260411.03	0.35	E	3.0	2	NW
20260411.06	0.32	E	3.0	3	SE
20260411.09	0.31	E	2.8	2	SE
20260411.12	0.30	NE	2.8	3	W
20260411.15	0.33	E	2.6	6	NW
20260411.18	0.47	SE	2.5	9	NW
20260411.21	0.57	SE	2.7	7	N
20260412.00	0.59	SE	3.0	4	SW
20260412.03	0.54	SE	3.3	4	E
20260412.06	0.48	SE	3.4	4	SE
20260412.09	0.43	SE	3.5	3	SE
20260412.12	0.38	SE	3.5	1	SE
20260412.15	0.34	SE	3.4	2	NW
20260412.18	0.38	SE	2.8	3	NW
20260412.21	0.43	SE	2.7	3	NW
20260413.00	0.39	SE	2.6	3	NW
20260413.03	0.35	SE	2.6	3	N
20260413.06	0.35	SE	2.5	2	SW
20260413.09	0.37	SE	2.6	2	SW
20260413.12	0.35	SE	2.8	1	S
20260413.15	0.34	SE	2.9	1	SW
20260413.18	0.35	SE	2.8	1	SW
20260413.21	0.36	SE	2.7	1	W
20260414.00	0.35	E	2.8	1	N
20260414.03	0.34	E	2.6	1	W
20260414.06	0.35	S	2.5	2	S
20260414.09	0.36	NW	2.4	3	S
20260414.12	0.34	NW	2.5	3	E

### Wind condition in the Peschanyi

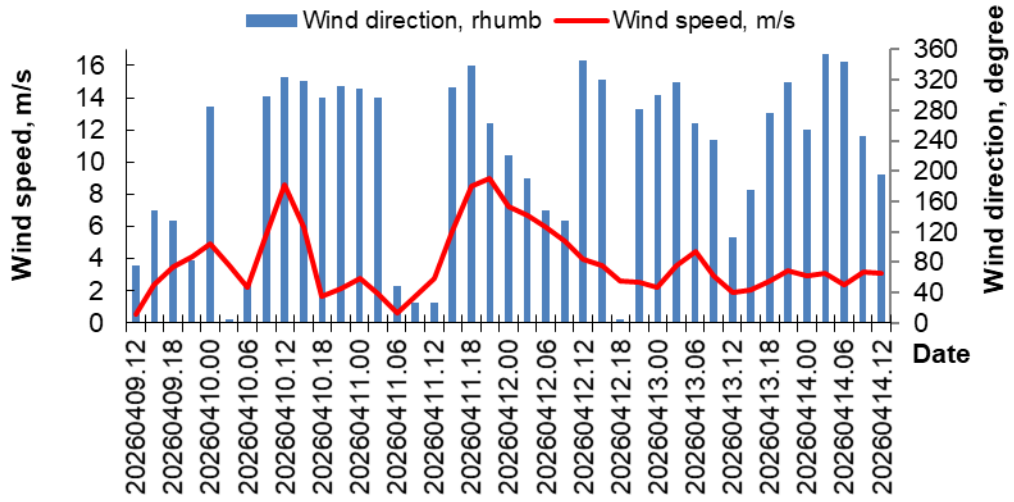


### Wave condition in the Peschanyi

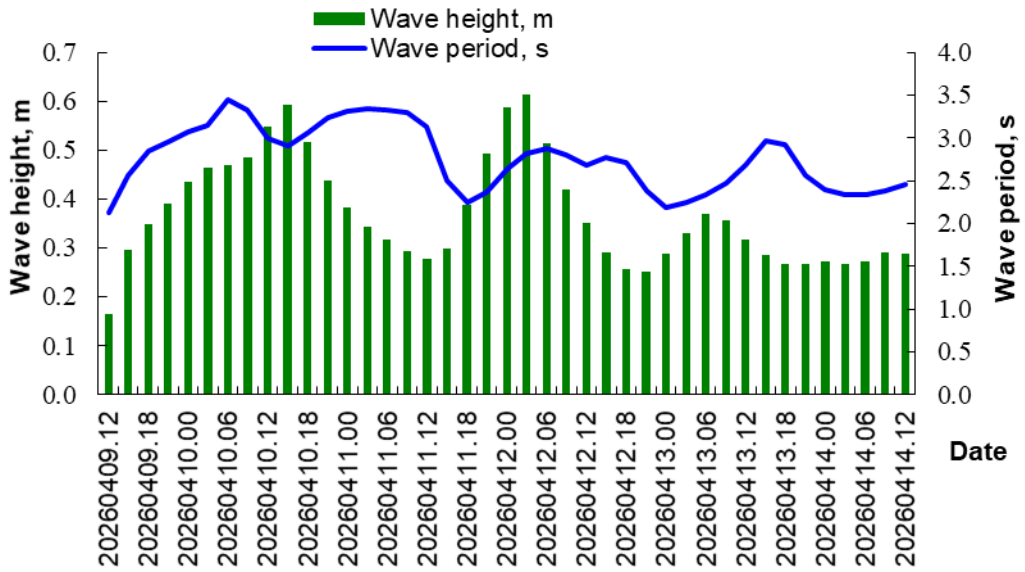


Date time	Peschanyi (Isan)				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260409.12	0.43	E	2.3	3	W
20260409.15	0.57	E	2.8	3	NE
20260409.18	0.61	NE	3.2	4	SE
20260409.21	0.56	NE	3.5	4	SE
20260410.00	0.56	N	3.4	3	SE
20260410.03	0.56	NW	3.4	4	SE
20260410.06	0.51	W	3.5	4	NE
20260410.09	0.50	W	3.3	4	W
20260410.12	0.49	SW	3.3	5	N
20260410.15	0.46	S	3.3	3	N
20260410.18	0.43	S	3.5	1	SE
20260410.21	0.41	S	3.5	2	E
20260411.00	0.39	SE	3.3	4	NE
20260411.03	0.37	E	3.1	2	NE
20260411.06	0.34	E	3.0	2	S
20260411.09	0.32	NE	2.8	2	E
20260411.12	0.32	NE	2.5	4	NE
20260411.15	0.36	NE	2.4	7	NW
20260411.18	0.48	E	2.5	9	NW
20260411.21	0.60	SE	2.7	9	N
20260412.00	0.66	SE	2.9	8	SW
20260412.03	0.62	S	3.1	7	S
20260412.06	0.51	S	3.1	7	SE
20260412.09	0.43	S	3.2	5	SE
20260412.12	0.38	S	3.0	3	N
20260412.15	0.35	SE	2.9	6	NW
20260412.18	0.43	SE	2.6	8	W
20260412.21	0.43	SE	2.5	5	W
20260413.00	0.36	SE	2.5	1	NW
20260413.03	0.34	SE	2.6	3	NW
20260413.06	0.39	SE	2.4	4	N
20260413.09	0.41	SE	2.6	3	NW
20260413.12	0.38	SE	2.9	1	NW
20260413.15	0.36	SE	3.1	2	NE
20260413.18	0.34	SE	3.2	2	NE
20260413.21	0.32	E	3.1	3	NE
20260414.00	0.32	E	2.9	1	NW
20260414.03	0.30	E	2.8	2	SW
20260414.06	0.32	SE	2.5	5	SW
20260414.09	0.33	SW	2.3	4	SW
20260414.12	0.31	SW	2.4	3	S

### Wind condition in the Fetisovo

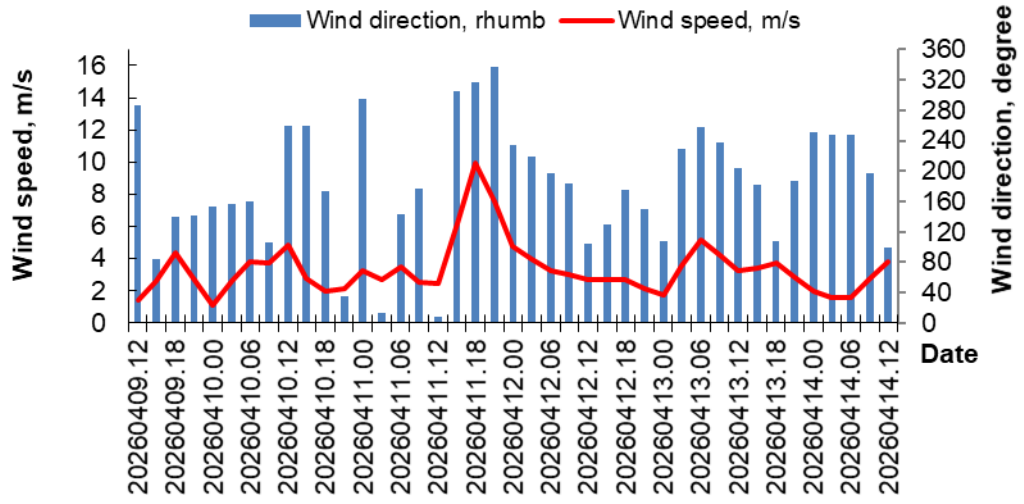


### Wave condition in the Fetisovo

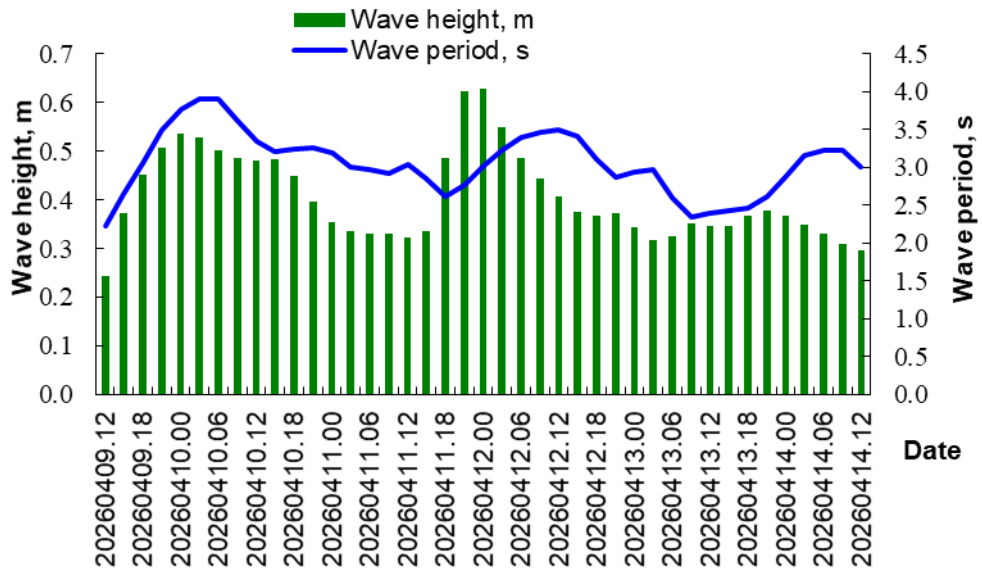


Date time	Fetisovo				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260409.12	0.17	W	2.1	1	E
20260409.15	0.30	W	2.6	2	SE
20260409.18	0.35	W	2.8	4	SE
20260409.21	0.39	NW	3.0	4	E
20260410.00	0.44	W	3.1	5	W
20260410.03	0.46	W	3.2	4	N
20260410.06	0.47	NW	3.4	2	NE
20260410.09	0.49	NW	3.3	6	NW
20260410.12	0.55	E	3.0	9	NW
20260410.15	0.59	SE	2.9	6	NW
20260410.18	0.52	SE	3.1	2	NW
20260410.21	0.44	SE	3.2	2	NW
20260411.00	0.38	E	3.3	3	NW
20260411.03	0.34	NE	3.3	2	NW
20260411.06	0.32	NE	3.3	1	NE
20260411.09	0.29	NE	3.3	2	NE
20260411.12	0.28	NE	3.1	3	NE
20260411.15	0.30	E	2.5	6	NW
20260411.18	0.39	SE	2.3	9	N
20260411.21	0.49	SE	2.4	9	W
20260412.00	0.59	S	2.6	7	SW
20260412.03	0.61	S	2.8	7	S
20260412.06	0.51	SW	2.9	6	SE
20260412.09	0.42	SW	2.8	5	SE
20260412.12	0.35	SW	2.7	4	N
20260412.15	0.29	S	2.8	4	NW
20260412.18	0.26	S	2.7	3	N
20260412.21	0.25	SE	2.4	3	W
20260413.00	0.29	SE	2.2	2	NW
20260413.03	0.33	SE	2.2	4	NW
20260413.06	0.37	SE	2.3	4	W
20260413.09	0.36	SE	2.5	3	SW
20260413.12	0.32	SE	2.7	2	SE
20260413.15	0.29	E	3.0	2	S
20260413.18	0.27	E	2.9	3	W
20260413.21	0.27	E	2.6	3	NW
20260414.00	0.27	E	2.4	3	W
20260414.03	0.27	E	2.3	3	N
20260414.06	0.27	SE	2.3	2	N
20260414.09	0.29	SE	2.4	3	SW
20260414.12	0.29	S	2.5	3	S

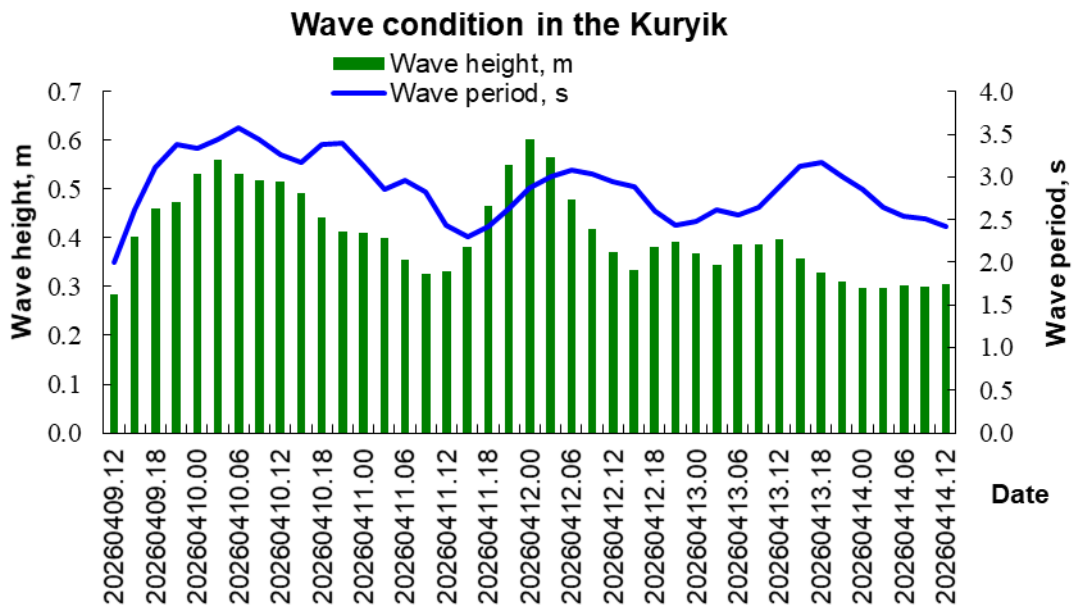
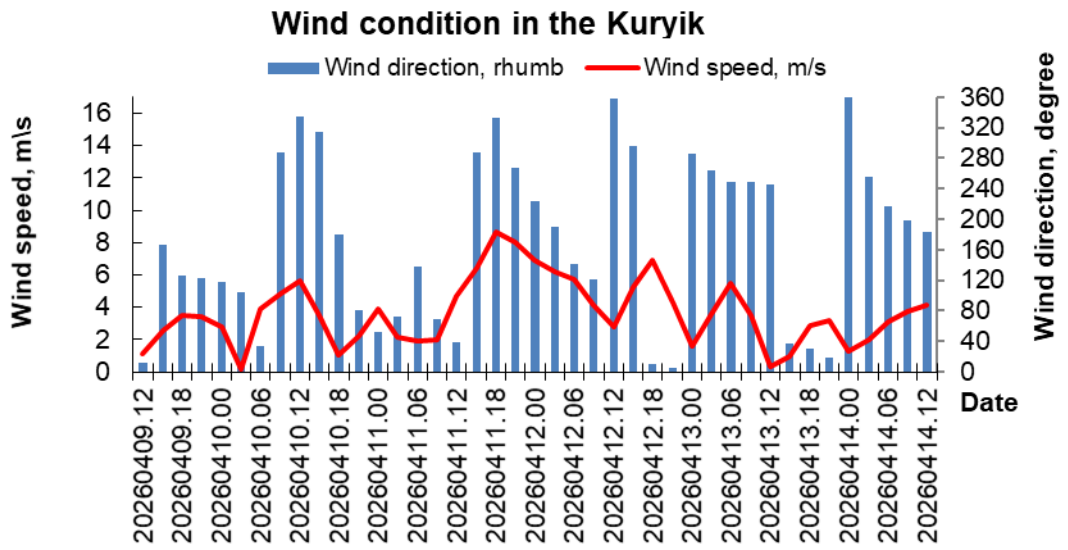
### Wind condition in the Saura



### Wave condition in the Saura



Date time	Saura				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260409.12	0.24	SW	2.2	1	W
20260409.15	0.37	SW	2.6	3	E
20260409.18	0.45	SW	3.1	4	SE
20260409.21	0.51	SW	3.5	3	SE
20260410.00	0.54	SW	3.8	1	SE
20260410.03	0.53	SW	3.9	3	SE
20260410.06	0.50	SW	3.9	4	S
20260410.09	0.49	SW	3.6	4	E
20260410.12	0.48	S	3.3	5	W
20260410.15	0.48	SE	3.2	3	W
20260410.18	0.45	SE	3.3	2	S
20260410.21	0.40	SE	3.3	2	NE
20260411.00	0.36	E	3.2	3	NW
20260411.03	0.34	E	3.0	3	N
20260411.06	0.33	E	3.0	3	SE
20260411.09	0.33	N	2.9	3	S
20260411.12	0.32	N	3.0	2	N
20260411.15	0.34	NE	2.8	6	NW
20260411.18	0.49	SE	2.6	10	NW
20260411.21	0.62	SE	2.8	8	NW
20260412.00	0.63	SE	3.0	5	SW
20260412.03	0.55	SE	3.2	4	SW
20260412.06	0.49	SE	3.4	3	S
20260412.09	0.44	SE	3.5	3	S
20260412.12	0.41	SE	3.5	3	E
20260412.15	0.37	SE	3.4	3	SE
20260412.18	0.37	SE	3.1	3	S
20260412.21	0.37	SE	2.9	2	SE
20260413.00	0.34	SE	2.9	2	E
20260413.03	0.32	SE	3.0	4	SW
20260413.06	0.32	SE	2.6	5	W
20260413.09	0.35	S	2.3	4	SW
20260413.12	0.35	S	2.4	3	SW
20260413.15	0.35	S	2.4	3	S
20260413.18	0.37	S	2.5	4	E
20260413.21	0.38	S	2.6	3	S
20260414.00	0.37	SE	2.9	2	W
20260414.03	0.35	E	3.2	2	SW
20260414.06	0.33	E	3.2	2	W
20260414.09	0.31	E	3.2	3	S
20260414.12	0.30	SE	3.0	4	E



Date time	Kuryk				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260409.12	0.28	S	2.0	1	N
20260409.15	0.40	W	2.6	3	S
20260409.18	0.46	NW	3.1	3	SE
20260409.21	0.47	NW	3.4	3	SE
20260410.00	0.53	NW	3.3	3	SE
20260410.03	0.56	NW	3.4	0	E
20260410.06	0.53	NW	3.6	4	NE
20260410.09	0.52	W	3.4	5	W
20260410.12	0.52	SW	3.3	6	NW
20260410.15	0.49	S	3.2	3	NW
20260410.18	0.44	S	3.4	1	S
20260410.21	0.41	SE	3.4	2	E
20260411.00	0.41	NE	3.1	4	NE
20260411.03	0.40	NE	2.9	2	E
20260411.06	0.36	NE	3.0	2	SE
20260411.09	0.33	NE	2.8	2	E
20260411.12	0.33	NE	2.4	5	NE
20260411.15	0.38	NE	2.3	6	W
20260411.18	0.47	E	2.4	9	NW
20260411.21	0.55	SE	2.6	8	W
20260412.00	0.60	SE	2.9	7	SW
20260412.03	0.57	S	3.0	6	S
20260412.06	0.48	S	3.1	6	SE
20260412.09	0.42	S	3.0	4	SE
20260412.12	0.37	S	2.9	3	N
20260412.15	0.33	SE	2.9	5	NW
20260412.18	0.38	SE	2.6	7	N
20260412.21	0.39	E	2.4	4	N
20260413.00	0.37	SE	2.5	2	W
20260413.03	0.34	SE	2.6	4	W
20260413.06	0.39	SE	2.5	6	W
20260413.09	0.39	SE	2.6	3	W
20260413.12	0.40	SE	2.9	0	SW
20260413.15	0.36	SE	3.1	1	NE
20260413.18	0.33	E	3.2	3	NE
20260413.21	0.31	E	3.0	3	N
20260414.00	0.30	E	2.9	1	N
20260414.03	0.30	E	2.6	2	W
20260414.06	0.30	E	2.5	3	SW
20260414.09	0.30	SE	2.5	4	S
20260414.12	0.30	SW	2.4	4	S

*\*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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