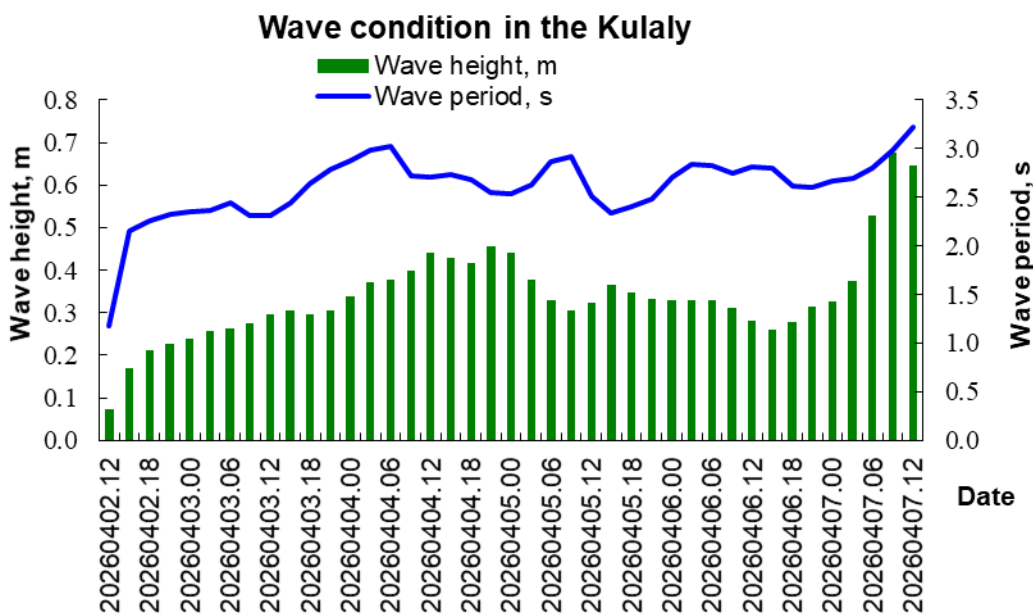
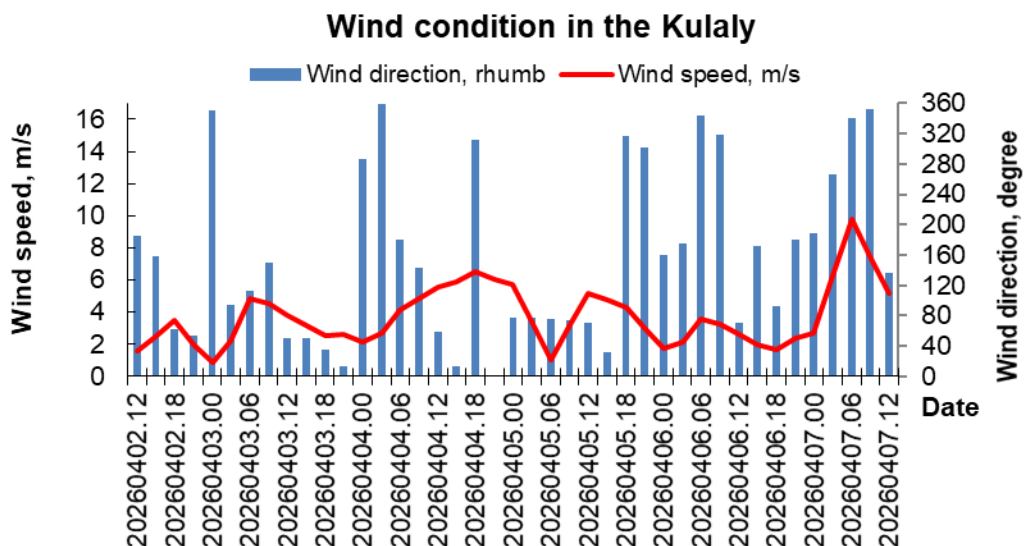




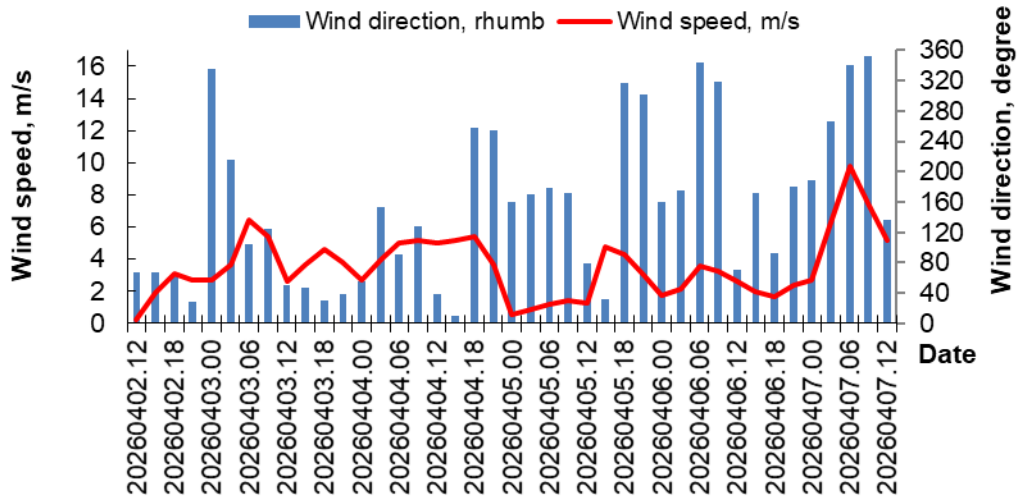
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**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 02 – 07, 2026 .**

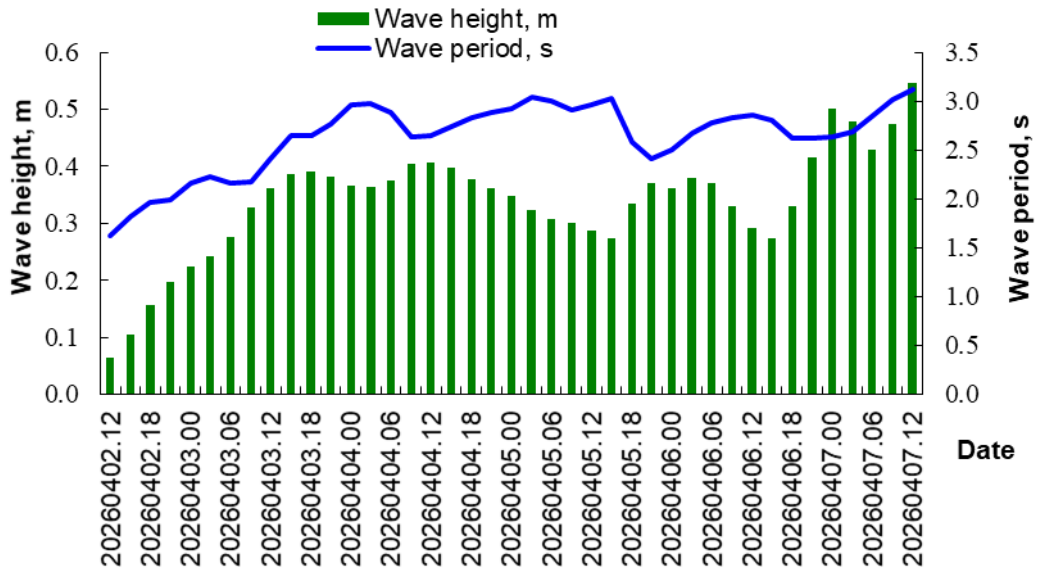


Date time	Kulaly				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260402.12	0.07	W	1.2	2	S
20260402.15	0.17	NW	2.1	2	S
20260402.18	0.21	NW	2.3	4	NE
20260402.21	0.23	NW	2.3	2	NE
20260403.00	0.24	N	2.4	1	N
20260403.03	0.26	NE	2.4	2	E
20260403.06	0.26	NE	2.4	5	SE
20260403.09	0.27	N	2.3	5	SE
20260403.12	0.30	NW	2.3	4	NE
20260403.15	0.30	NW	2.4	3	NE
20260403.18	0.30	N	2.6	3	NE
20260403.21	0.30	N	2.8	3	N
20260404.00	0.34	N	2.9	2	W
20260404.03	0.37	N	3.0	3	N
20260404.06	0.38	N	3.0	4	S
20260404.09	0.40	N	2.7	5	SE
20260404.12	0.44	N	2.7	6	NE
20260404.15	0.43	N	2.7	6	N
20260404.18	0.42	NE	2.7	6	NW
20260404.21	0.46	E	2.5	6	N
20260405.00	0.44	E	2.5	6	E
20260405.03	0.38	NE	2.6	3	E
20260405.06	0.33	NE	2.9	1	E
20260405.09	0.31	NE	2.9	3	E
20260405.12	0.32	NE	2.5	5	E
20260405.15	0.37	NE	2.3	5	NE
20260405.18	0.35	NE	2.4	4	NW
20260405.21	0.33	E	2.5	3	NW
20260406.00	0.33	SE	2.7	2	S
20260406.03	0.33	SE	2.8	2	S
20260406.06	0.33	E	2.8	4	N
20260406.09	0.31	E	2.7	3	NW
20260406.12	0.28	E	2.8	3	E
20260406.15	0.26	E	2.8	2	S
20260406.18	0.28	NE	2.6	2	E
20260406.21	0.32	NW	2.6	2	S
20260407.00	0.33	NW	2.7	3	S
20260407.03	0.37	W	2.7	6	W
20260407.06	0.53	SW	2.8	10	N
20260407.09	0.68	S	3.0	8	N
20260407.12	0.64	S	3.2	5	SE

Wind condition in the Fort-Shevchenko

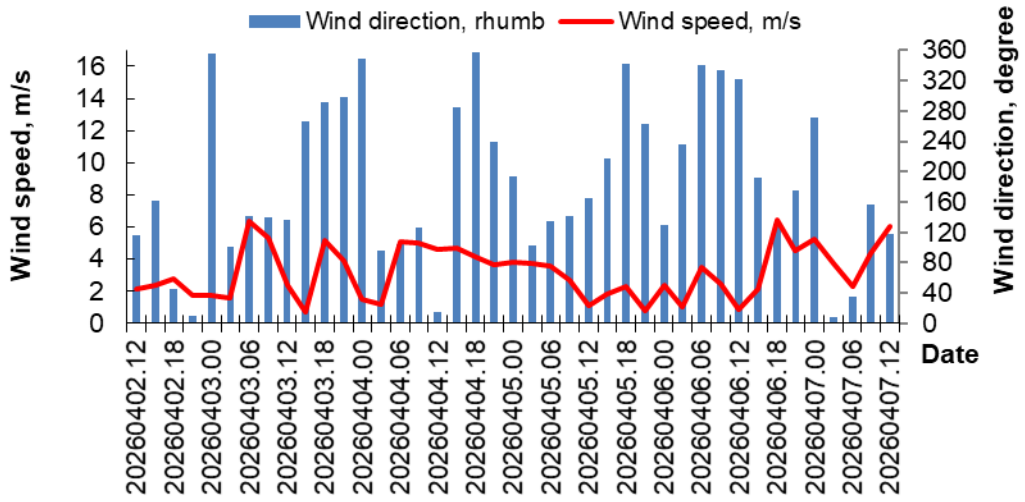


Wave condition in the Fort-Shevchenko

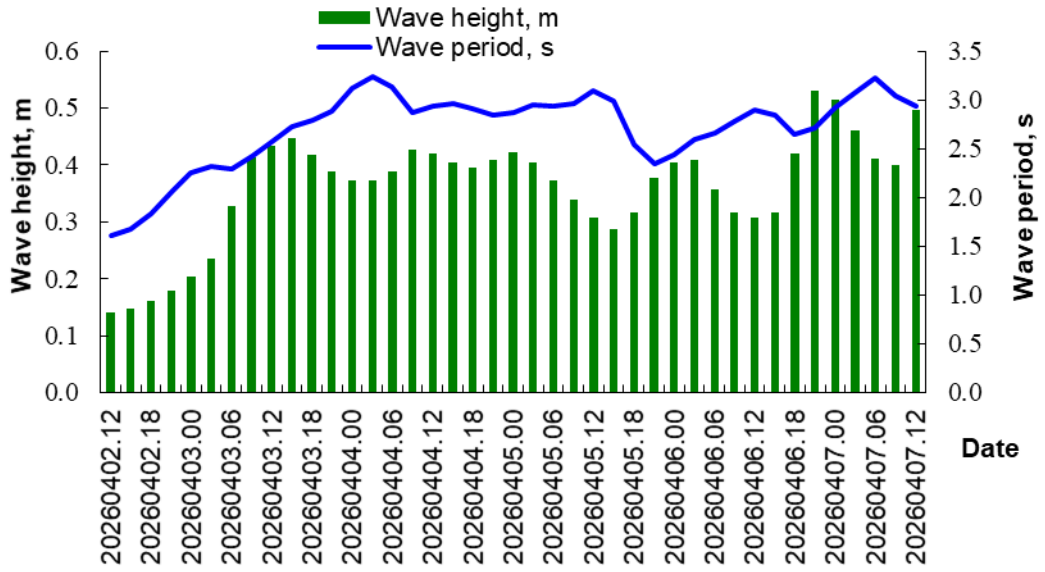


Date time	Fort-Shevchenko				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260402.12	0.06	NE	1.6	0	NE
20260402.15	0.10	NW	1.8	2	E
20260402.18	0.16	NW	2.0	3	NE
20260402.21	0.20	N	2.0	3	NE
20260403.00	0.22	N	2.2	3	NW
20260403.03	0.24	NE	2.2	4	SW
20260403.06	0.28	N	2.2	6	E
20260403.09	0.33	NW	2.2	5	SE
20260403.12	0.36	NW	2.4	3	NE
20260403.15	0.39	NW	2.7	4	NE
20260403.18	0.39	N	2.7	5	NE
20260403.21	0.38	N	2.8	4	NE
20260404.00	0.37	N	3.0	3	NE
20260404.03	0.36	N	3.0	4	SE
20260404.06	0.38	N	2.9	5	E
20260404.09	0.40	N	2.6	5	SE
20260404.12	0.41	N	2.7	5	NE
20260404.15	0.40	NE	2.7	5	N
20260404.18	0.38	NE	2.8	5	W
20260404.21	0.36	E	2.9	4	W
20260405.00	0.35	E	2.9	1	S
20260405.03	0.32	E	3.0	1	S
20260405.06	0.31	E	3.0	1	S
20260405.09	0.30	E	2.9	1	S
20260405.12	0.29	E	3.0	1	E
20260405.15	0.27	E	3.0	5	NE
20260405.18	0.33	E	2.6	4	NW
20260405.21	0.37	SE	2.4	3	NW
20260406.00	0.36	SE	2.5	2	S
20260406.03	0.38	S	2.7	2	S
20260406.06	0.37	SW	2.8	4	N
20260406.09	0.33	S	2.8	3	NW
20260406.12	0.29	E	2.9	3	E
20260406.15	0.27	E	2.8	2	S
20260406.18	0.33	W	2.6	2	E
20260406.21	0.42	W	2.6	2	S
20260407.00	0.50	W	2.6	3	S
20260407.03	0.48	W	2.7	6	W
20260407.06	0.43	W	2.8	10	N
20260407.09	0.48	SW	3.0	8	N
20260407.12	0.55	SW	3.1	5	SE

Wind condition in the Aktau

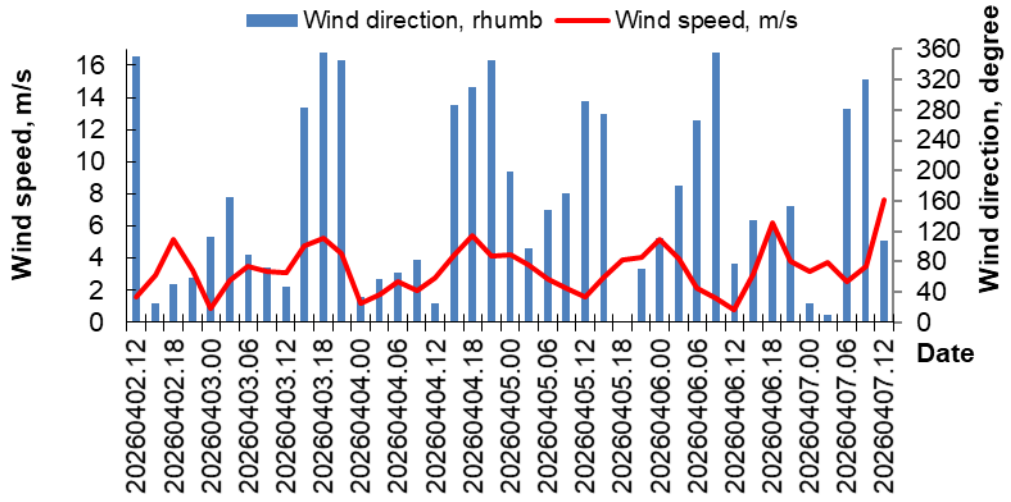


Wave condition in the Aktau

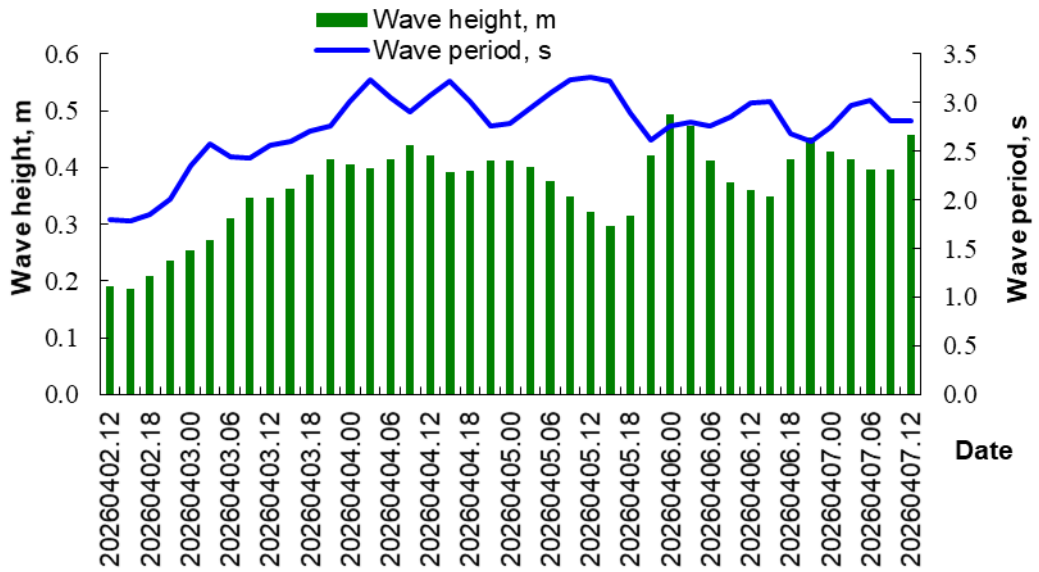


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260402.12	0.14	NW	1.6	2	SE
20260402.15	0.15	NW	1.7	2	S
20260402.18	0.16	NW	1.8	3	NE
20260402.21	0.18	N	2.1	2	N
20260403.00	0.20	NE	2.3	2	N
20260403.03	0.24	NE	2.3	2	E
20260403.06	0.33	N	2.3	6	SE
20260403.09	0.41	NW	2.4	5	SE
20260403.12	0.43	NW	2.6	2	SE
20260403.15	0.45	NW	2.7	1	W
20260403.18	0.42	NW	2.8	5	W
20260403.21	0.39	N	2.9	4	NW
20260404.00	0.37	N	3.1	1	N
20260404.03	0.37	NE	3.2	1	E
20260404.06	0.39	NE	3.1	5	E
20260404.09	0.43	N	2.9	5	SE
20260404.12	0.42	N	2.9	5	N
20260404.15	0.40	NE	3.0	5	W
20260404.18	0.39	NE	2.9	4	N
20260404.21	0.41	E	2.8	4	SW
20260405.00	0.42	N	2.9	4	S
20260405.03	0.40	N	2.9	4	E
20260405.06	0.37	N	2.9	4	SE
20260405.09	0.34	NE	3.0	3	SE
20260405.12	0.31	NE	3.1	1	S
20260405.15	0.29	NE	3.0	2	SW
20260405.18	0.32	NE	2.5	2	N
20260405.21	0.38	NE	2.3	1	W
20260406.00	0.40	NW	2.4	2	SE
20260406.03	0.41	NW	2.6	1	SW
20260406.06	0.36	NW	2.7	3	N
20260406.09	0.32	NW	2.8	2	NW
20260406.12	0.31	N	2.9	1	NW
20260406.15	0.32	NE	2.8	2	S
20260406.18	0.42	NW	2.7	6	SE
20260406.21	0.53	NW	2.7	5	S
20260407.00	0.51	NW	2.9	5	W
20260407.03	0.46	NW	3.1	4	N
20260407.06	0.41	NW	3.2	2	NE
20260407.09	0.40	NW	3.0	4	SE
20260407.12	0.50	W	2.9	6	SE

Wind condition in the Peschanyi

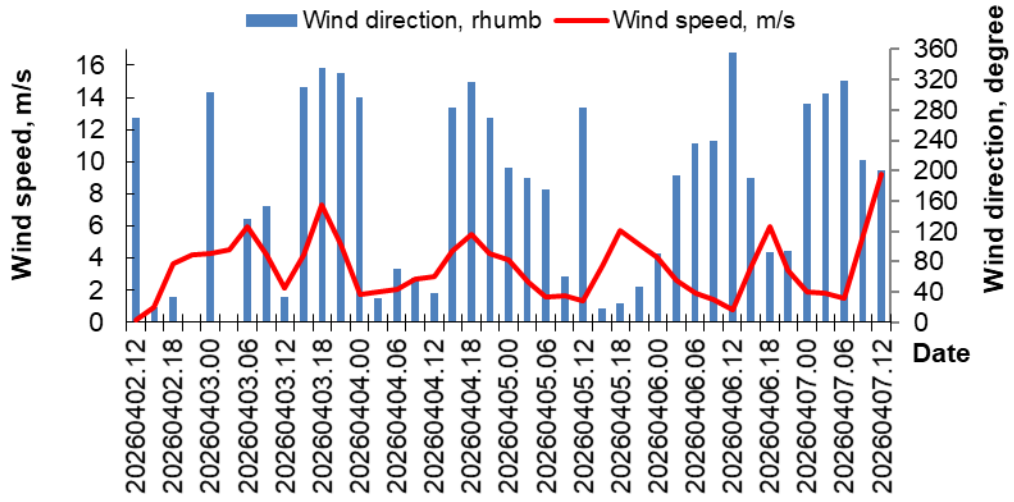


Wave condition in the Peschanyi

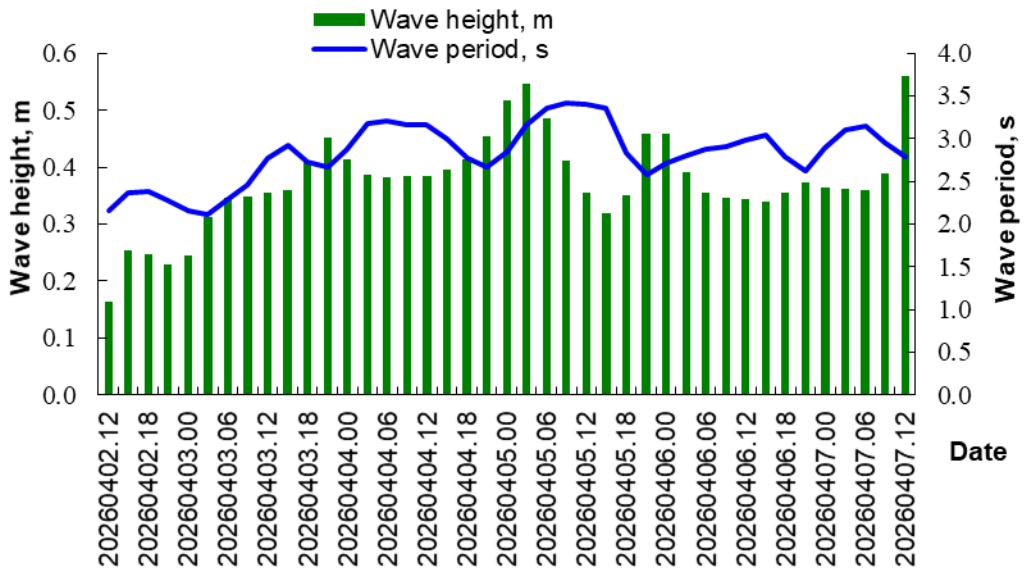


Date time	Peschanyi (Isan)				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260402.12	0.19	SW	1.8	2	N
20260402.15	0.19	S	1.8	3	NE
20260402.18	0.21	NE	1.9	5	NE
20260402.21	0.24	NE	2.0	3	NE
20260403.00	0.25	NE	2.4	1	E
20260403.03	0.27	NE	2.6	3	S
20260403.06	0.31	N	2.4	4	E
20260403.09	0.35	N	2.4	3	E
20260403.12	0.35	N	2.6	3	NE
20260403.15	0.36	N	2.6	5	W
20260403.18	0.39	N	2.7	5	N
20260403.21	0.41	NE	2.8	4	N
20260404.00	0.41	NE	3.0	1	NE
20260404.03	0.40	NE	3.2	2	NE
20260404.06	0.41	NE	3.1	3	NE
20260404.09	0.44	N	2.9	2	E
20260404.12	0.42	N	3.1	3	NE
20260404.15	0.39	N	3.2	4	W
20260404.18	0.39	NE	3.0	5	NW
20260404.21	0.41	E	2.8	4	N
20260405.00	0.41	E	2.8	4	S
20260405.03	0.40	NE	2.9	4	E
20260405.06	0.38	NE	3.1	3	SE
20260405.09	0.35	NE	3.2	2	S
20260405.12	0.32	NE	3.3	2	W
20260405.15	0.30	NE	3.2	3	W
20260405.18	0.31	NE	2.9	4	N
20260405.21	0.42	N	2.6	4	E
20260406.00	0.49	N	2.8	5	E
20260406.03	0.47	NW	2.8	4	S
20260406.06	0.41	NW	2.8	2	W
20260406.09	0.37	N	2.9	1	N
20260406.12	0.36	NE	3.0	1	E
20260406.15	0.35	NE	3.0	3	SE
20260406.18	0.41	NW	2.7	6	SE
20260406.21	0.45	NW	2.6	4	SE
20260407.00	0.43	NW	2.8	3	NE
20260407.03	0.41	NW	3.0	4	N
20260407.06	0.40	W	3.0	3	W
20260407.09	0.40	W	2.8	3	NW
20260407.12	0.46	W	2.8	8	E

Wind condition in the Fetisovo

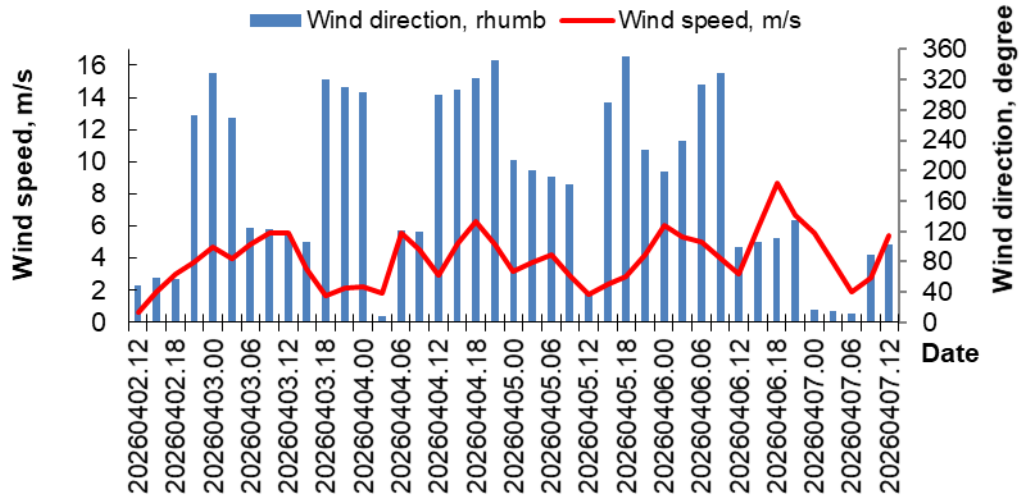


Wave condition in the Fetisovo

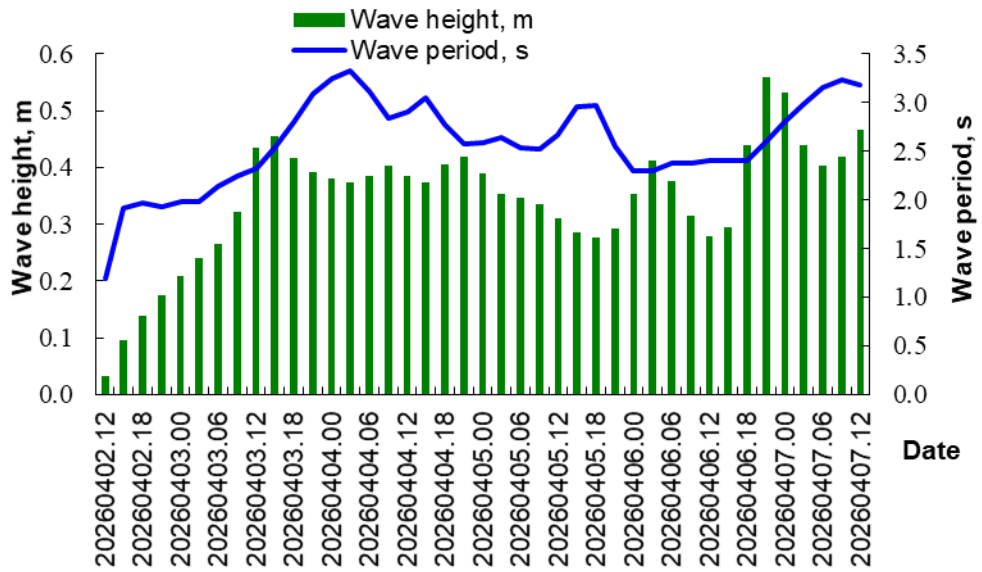


Date time	Fetisovo				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260402.12	0.16	SW	2.2	0	W
20260402.15	0.25	SW	2.4	1	N
20260402.18	0.25	W	2.4	4	NE
20260402.21	0.23	W	2.3	4	N
20260403.00	0.24	NE	2.2	4	NW
20260403.03	0.31	E	2.1	5	N
20260403.06	0.35	NE	2.3	6	SE
20260403.09	0.35	NE	2.5	4	SE
20260403.12	0.36	N	2.8	2	NE
20260403.15	0.36	NE	2.9	4	NW
20260403.18	0.41	E	2.7	7	NW
20260403.21	0.45	E	2.7	5	NW
20260404.00	0.41	E	2.9	2	NW
20260404.03	0.39	E	3.2	2	NE
20260404.06	0.38	E	3.2	2	E
20260404.09	0.38	NE	3.2	3	NE
20260404.12	0.39	NE	3.2	3	NE
20260404.15	0.40	NE	3.0	4	W
20260404.18	0.41	NE	2.8	5	NW
20260404.21	0.45	E	2.7	4	W
20260405.00	0.52	NW	2.9	4	SW
20260405.03	0.55	NW	3.2	3	S
20260405.06	0.49	NW	3.4	2	S
20260405.09	0.41	NW	3.4	2	NE
20260405.12	0.35	N	3.4	1	W
20260405.15	0.32	N	3.4	4	N
20260405.18	0.35	N	2.8	6	NE
20260405.21	0.46	NE	2.6	5	NE
20260406.00	0.46	N	2.7	4	E
20260406.03	0.39	N	2.8	3	S
20260406.06	0.36	N	2.9	2	SW
20260406.09	0.35	NE	2.9	1	SW
20260406.12	0.34	NE	3.0	1	N
20260406.15	0.34	NE	3.0	3	S
20260406.18	0.36	NE	2.8	6	E
20260406.21	0.37	NW	2.6	3	E
20260407.00	0.36	NW	2.9	2	W
20260407.03	0.36	NW	3.1	2	NW
20260407.06	0.36	NW	3.2	1	NW
20260407.09	0.39	W	3.0	5	SW
20260407.12	0.56	W	2.8	9	S

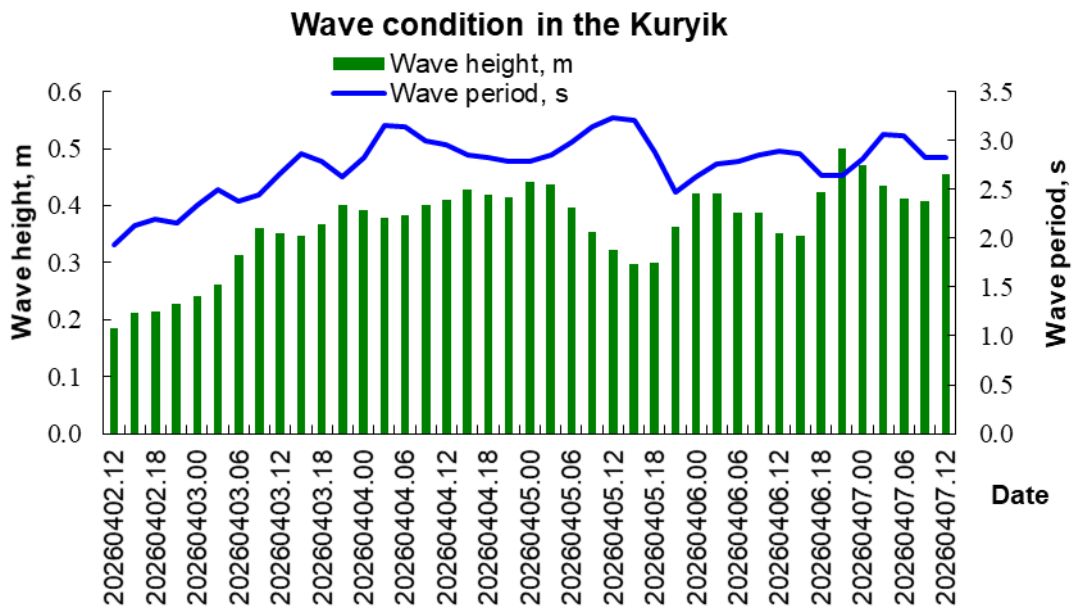
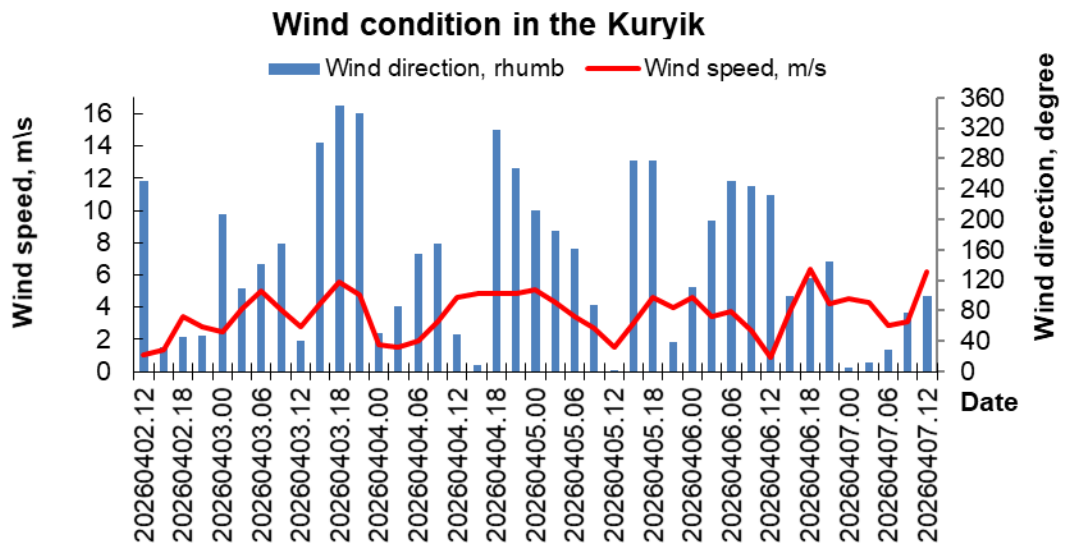
Wind condition in the Saura



Wave condition in the Saura



Date time	Saura				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260402.12	0.03	N	1.2	1	NE
20260402.15	0.10	W	1.9	2	NE
20260402.18	0.14	W	2.0	3	NE
20260402.21	0.18	NW	1.9	4	W
20260403.00	0.21	N	2.0	5	NW
20260403.03	0.24	NE	2.0	4	W
20260403.06	0.27	NW	2.1	5	SE
20260403.09	0.32	NW	2.2	6	SE
20260403.12	0.44	NW	2.3	6	SE
20260403.15	0.46	NW	2.5	3	E
20260403.18	0.42	N	2.8	2	NW
20260403.21	0.39	N	3.1	2	NW
20260404.00	0.38	N	3.3	2	NW
20260404.03	0.37	N	3.3	2	N
20260404.06	0.38	N	3.1	6	SE
20260404.09	0.40	N	2.8	5	SE
20260404.12	0.39	N	2.9	3	NW
20260404.15	0.37	NE	3.0	5	NW
20260404.18	0.40	E	2.8	6	NW
20260404.21	0.42	E	2.6	5	N
20260405.00	0.39	E	2.6	3	SW
20260405.03	0.35	E	2.6	4	S
20260405.06	0.35	E	2.5	4	S
20260405.09	0.34	E	2.5	3	S
20260405.12	0.31	E	2.7	2	NE
20260405.15	0.29	NE	3.0	2	W
20260405.18	0.28	E	3.0	3	N
20260405.21	0.29	E	2.5	4	SW
20260406.00	0.35	SW	2.3	6	S
20260406.03	0.41	SW	2.3	5	SW
20260406.06	0.38	SW	2.4	5	NW
20260406.09	0.31	S	2.4	4	NW
20260406.12	0.28	S	2.4	3	E
20260406.15	0.29	SW	2.4	6	E
20260406.18	0.44	W	2.4	9	E
20260406.21	0.56	NW	2.6	7	SE
20260407.00	0.53	NW	2.8	6	N
20260407.03	0.44	NW	3.0	4	N
20260407.06	0.40	W	3.2	2	N
20260407.09	0.42	W	3.2	3	E
20260407.12	0.47	SW	3.2	5	E



Date time	Kuryk				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260402.12	0.18	W	1.9	1	W
20260402.15	0.21	W	2.1	1	NE
20260402.18	0.21	SW	2.2	3	NE
20260402.21	0.23	NE	2.2	3	NE
20260403.00	0.24	NE	2.3	2	SW
20260403.03	0.26	NE	2.5	4	E
20260403.06	0.31	N	2.4	5	SE
20260403.09	0.36	N	2.4	4	S
20260403.12	0.35	N	2.7	3	NE
20260403.15	0.35	N	2.9	4	NW
20260403.18	0.37	N	2.8	6	N
20260403.21	0.40	NE	2.6	5	N
20260404.00	0.39	NE	2.8	2	NE
20260404.03	0.38	NE	3.2	2	E
20260404.06	0.38	NE	3.1	2	SE
20260404.09	0.40	NE	3.0	3	S
20260404.12	0.41	NE	3.0	5	NE
20260404.15	0.43	NE	2.9	5	N
20260404.18	0.42	NE	2.8	5	NW
20260404.21	0.41	E	2.8	5	W
20260405.00	0.44	NE	2.8	5	SW
20260405.03	0.44	NW	2.8	4	S
20260405.06	0.40	N	3.0	3	S
20260405.09	0.35	N	3.1	3	E
20260405.12	0.32	N	3.2	1	N
20260405.15	0.30	N	3.2	3	W
20260405.18	0.30	NE	2.9	5	W
20260405.21	0.36	NE	2.5	4	NE
20260406.00	0.42	N	2.6	5	E
20260406.03	0.42	NW	2.8	3	S
20260406.06	0.39	NW	2.8	4	W
20260406.09	0.39	NW	2.8	3	SW
20260406.12	0.35	N	2.9	1	SW
20260406.15	0.35	NE	2.9	4	E
20260406.18	0.42	NW	2.6	6	SE
20260406.21	0.50	NW	2.6	4	SE
20260407.00	0.47	NW	2.8	5	N
20260407.03	0.44	NW	3.1	4	N
20260407.06	0.41	NW	3.1	3	NE
20260407.09	0.41	NW	2.8	3	E
20260407.12	0.46	W	2.8	6	E

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

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Checked by: Zhagparova N.N.

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