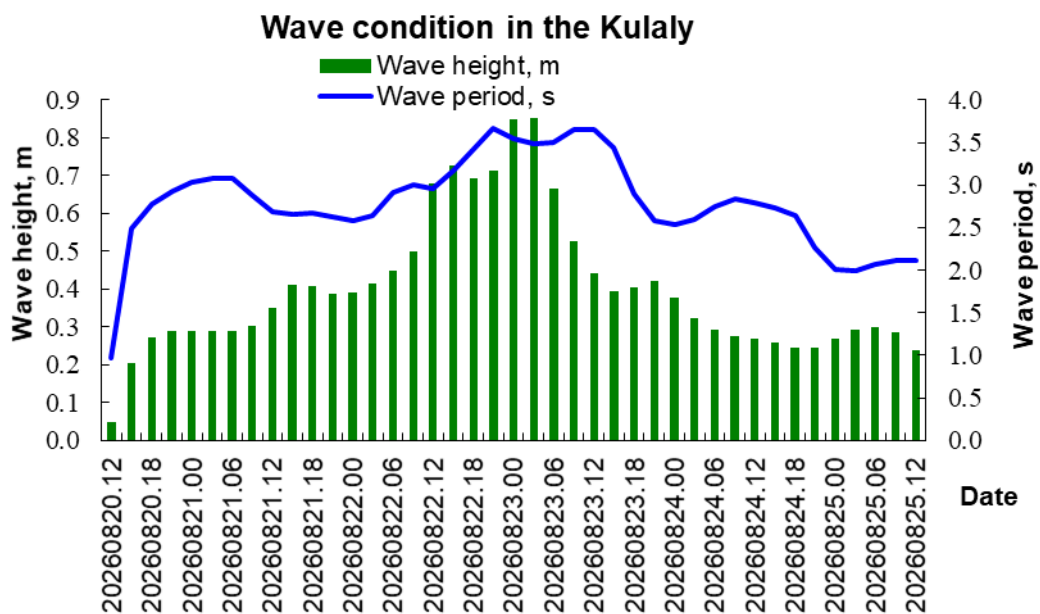
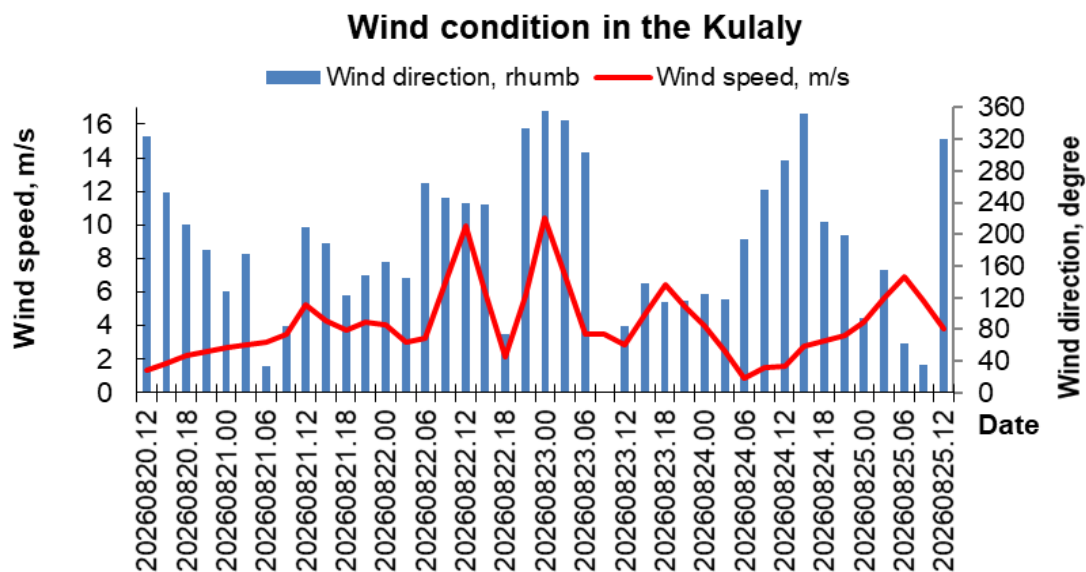




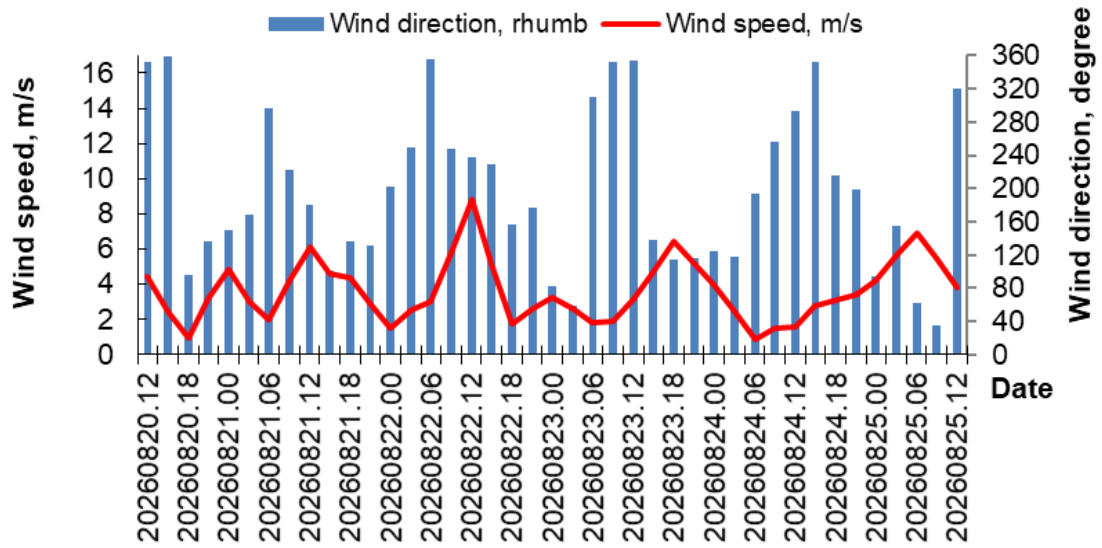
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance
using SWAN spectral model for the period August 20 – 25, 2026 .**

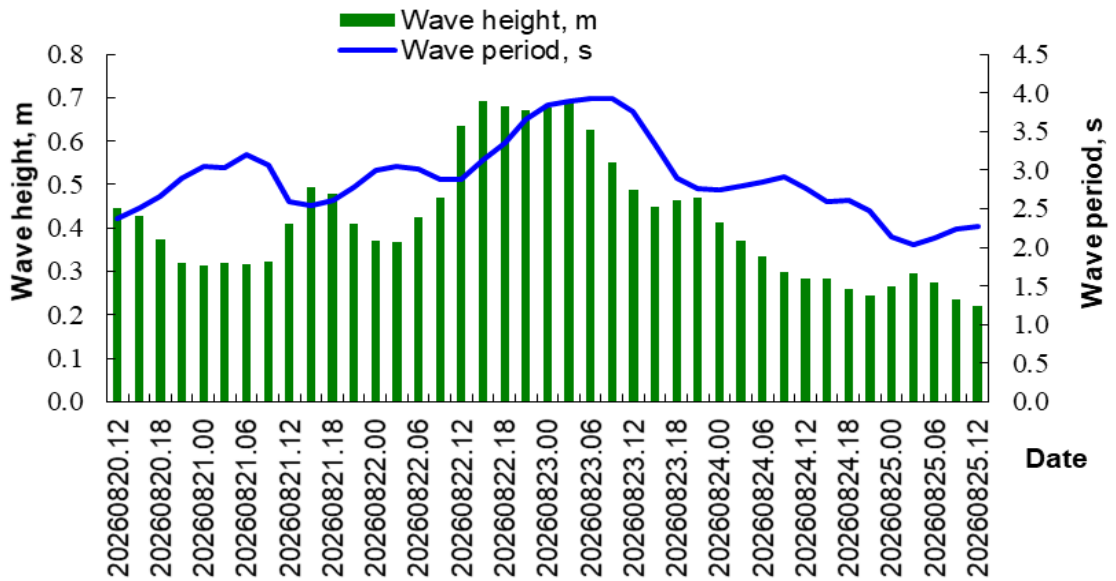


Date time	Kulaly				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260820.12	0.05	SE	1.0	1	NW
20260820.15	0.20	S	2.5	2	W
20260820.18	0.27	S	2.8	2	SW
20260820.21	0.29	S	2.9	2	S
20260821.00	0.29	S	3.0	3	SE
20260821.03	0.29	S	3.1	3	S
20260821.06	0.29	S	3.1	3	NE
20260821.09	0.30	S	2.9	3	E
20260821.12	0.35	S	2.7	5	SW
20260821.15	0.41	S	2.7	4	S
20260821.18	0.41	S	2.7	4	SE
20260821.21	0.39	S	2.6	4	SE
20260822.00	0.39	SW	2.6	4	S
20260822.03	0.41	SW	2.6	3	SE
20260822.06	0.45	SW	2.9	3	W
20260822.09	0.50	S	3.0	7	SW
20260822.12	0.68	SW	3.0	10	SW
20260822.15	0.73	SW	3.2	6	SW
20260822.18	0.69	SW	3.4	2	E
20260822.21	0.71	SW	3.7	6	NW
20260823.00	0.85	SW	3.6	10	N
20260823.03	0.85	SW	3.5	7	N
20260823.06	0.67	SW	3.5	3	NW
20260823.09	0.53	SW	3.7	3	N
20260823.12	0.44	SW	3.6	3	E
20260823.15	0.40	SW	3.4	5	SE
20260823.18	0.40	SW	2.9	6	SE
20260823.21	0.42	W	2.6	5	SE
20260824.00	0.38	W	2.5	4	SE
20260824.03	0.32	SW	2.6	2	SE
20260824.06	0.29	SW	2.8	1	S
20260824.09	0.28	SW	2.8	1	W
20260824.12	0.27	SW	2.8	2	NW
20260824.15	0.26	SW	2.7	3	N
20260824.18	0.24	SW	2.6	3	SW
20260824.21	0.24	SW	2.3	3	S
20260825.00	0.27	SW	2.0	4	E
20260825.03	0.29	W	2.0	6	SE
20260825.06	0.30	NW	2.1	7	NE
20260825.09	0.29	NW	2.1	5	NE
20260825.12	0.24	N	2.1	4	NW

Wind condition in the Fort-Shevchenko

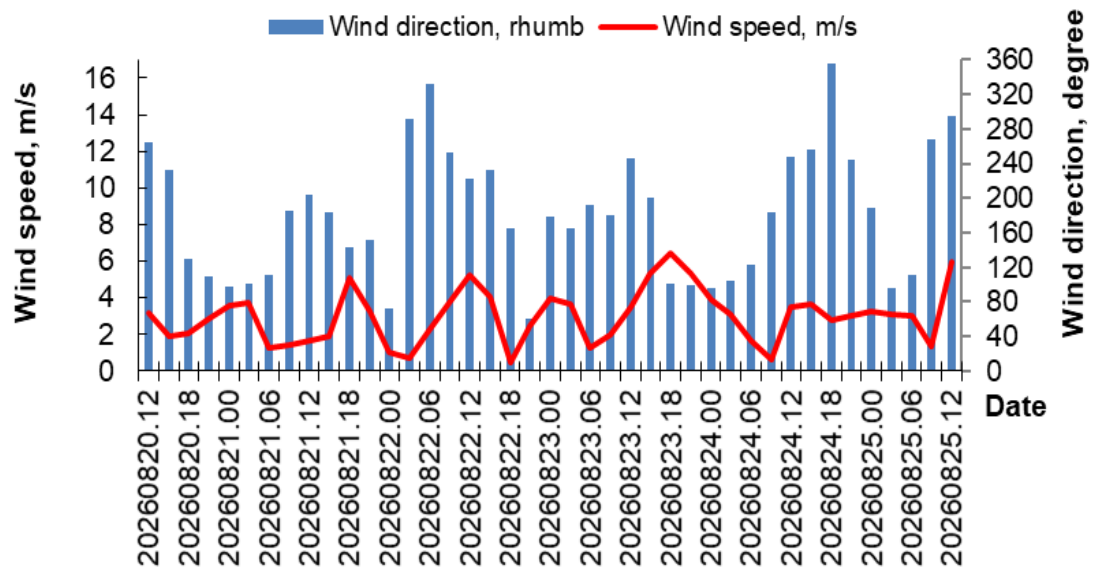


Wave condition in the Fort-Shevchenko

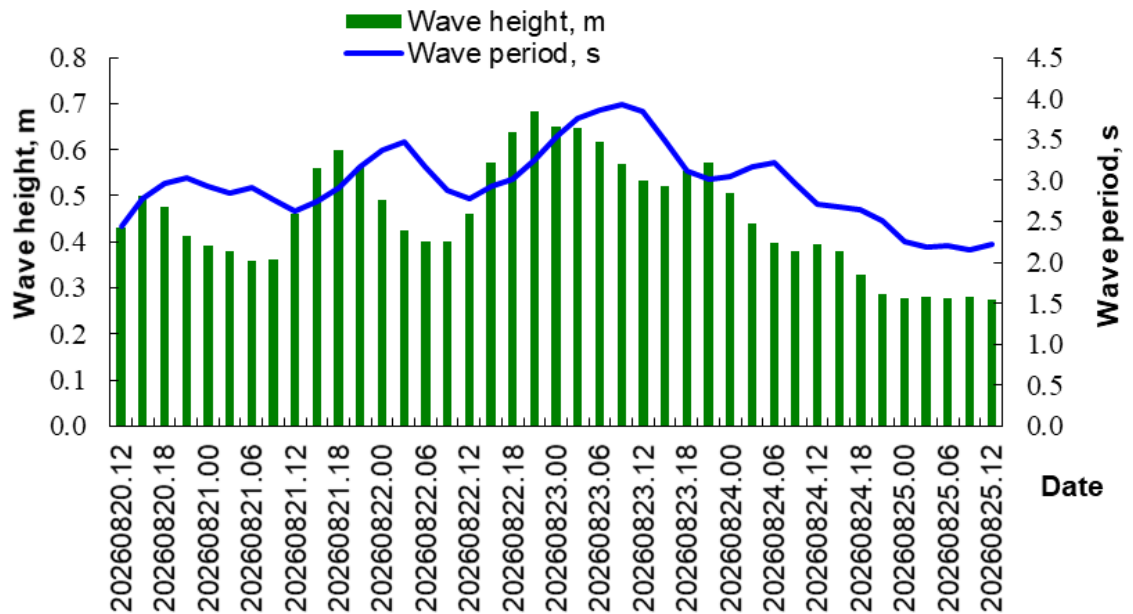


Date time	Fort-Shevchenko				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260820.12	0.45	S	2.4	4	N
20260820.15	0.43	S	2.5	2	N
20260820.18	0.37	S	2.7	1	E
20260820.21	0.32	S	2.9	3	SE
20260821.00	0.31	S	3.0	5	SE
20260821.03	0.32	S	3.0	3	S
20260821.06	0.32	S	3.2	2	NW
20260821.09	0.32	S	3.1	4	SW
20260821.12	0.41	S	2.6	6	S
20260821.15	0.49	SW	2.5	5	E
20260821.18	0.48	SW	2.6	4	SE
20260821.21	0.41	SW	2.8	3	SE
20260822.00	0.37	S	3.0	1	S
20260822.03	0.37	S	3.1	3	W
20260822.06	0.43	S	3.0	3	N
20260822.09	0.47	S	2.9	6	W
20260822.12	0.63	S	2.9	9	SW
20260822.15	0.69	SW	3.1	5	SW
20260822.18	0.68	SW	3.4	2	SE
20260822.21	0.67	SW	3.7	3	S
20260823.00	0.68	SW	3.8	3	E
20260823.03	0.69	SW	3.9	3	NE
20260823.06	0.63	SW	3.9	2	NW
20260823.09	0.55	SW	3.9	2	N
20260823.12	0.49	SW	3.8	3	N
20260823.15	0.45	SW	3.3	5	SE
20260823.18	0.46	SW	2.9	6	SE
20260823.21	0.47	SW	2.8	5	SE
20260824.00	0.41	SW	2.7	4	SE
20260824.03	0.37	SW	2.8	2	SE
20260824.06	0.33	SW	2.8	1	S
20260824.09	0.30	SW	2.9	1	W
20260824.12	0.28	SW	2.8	2	NW
20260824.15	0.28	SW	2.6	3	N
20260824.18	0.26	SW	2.6	3	SW
20260824.21	0.24	SW	2.5	3	S
20260825.00	0.27	W	2.1	4	E
20260825.03	0.30	W	2.0	6	SE
20260825.06	0.27	W	2.1	7	NE
20260825.09	0.23	W	2.2	5	NE
20260825.12	0.22	W	2.3	4	NW

Wind condition in the Aktau

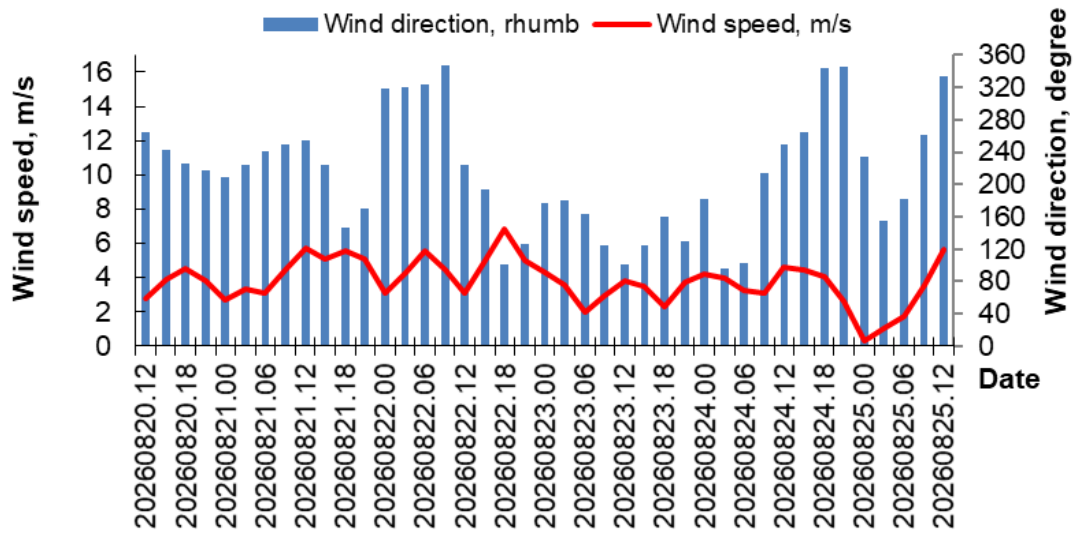


Wave condition in the Aktau

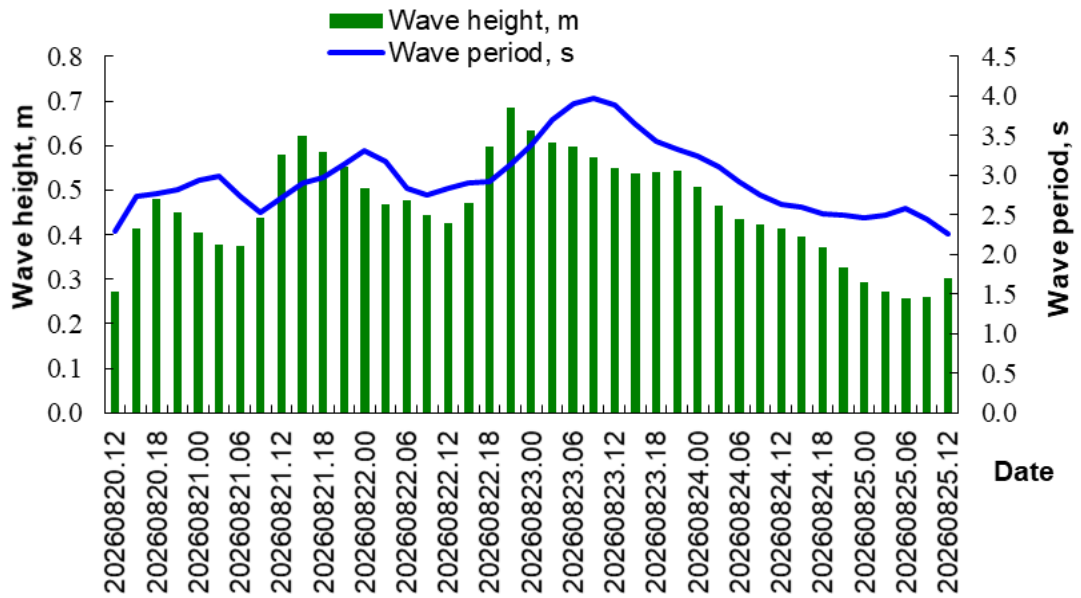


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260820.12	0.43	S	2.4	3	W
20260820.15	0.50	S	2.8	2	SW
20260820.18	0.48	S	3.0	2	SE
20260820.21	0.41	S	3.0	3	E
20260821.00	0.39	S	2.9	4	E
20260821.03	0.38	S	2.8	4	E
20260821.06	0.36	S	2.9	1	E
20260821.09	0.36	S	2.8	1	S
20260821.12	0.46	S	2.6	2	SW
20260821.15	0.56	S	2.7	2	S
20260821.18	0.60	SW	2.9	5	SE
20260821.21	0.56	SW	3.2	3	SE
20260822.00	0.49	SW	3.4	1	E
20260822.03	0.43	SW	3.5	1	W
20260822.06	0.40	SW	3.2	2	NW
20260822.09	0.40	S	2.9	4	W
20260822.12	0.46	SW	2.8	5	SW
20260822.15	0.57	SW	2.9	4	SW
20260822.18	0.64	SW	3.0	0	S
20260822.21	0.68	W	3.2	2	NE
20260823.00	0.65	W	3.5	4	S
20260823.03	0.65	SW	3.8	4	S
20260823.06	0.62	SW	3.9	1	S
20260823.09	0.57	SW	3.9	2	S
20260823.12	0.53	SW	3.8	4	SW
20260823.15	0.52	SW	3.5	5	S
20260823.18	0.55	W	3.1	6	E
20260823.21	0.57	W	3.0	5	E
20260824.00	0.51	W	3.0	4	E
20260824.03	0.44	W	3.2	3	E
20260824.06	0.40	W	3.2	2	SE
20260824.09	0.38	W	3.0	1	S
20260824.12	0.39	W	2.7	3	W
20260824.15	0.38	W	2.7	4	W
20260824.18	0.33	SW	2.6	3	N
20260824.21	0.29	SW	2.5	3	SW
20260825.00	0.28	SW	2.3	3	S
20260825.03	0.28	W	2.2	3	E
20260825.06	0.28	W	2.2	3	E
20260825.09	0.28	W	2.2	1	W
20260825.12	0.28	SW	2.2	6	NW

Wind condition in the Peschanyi

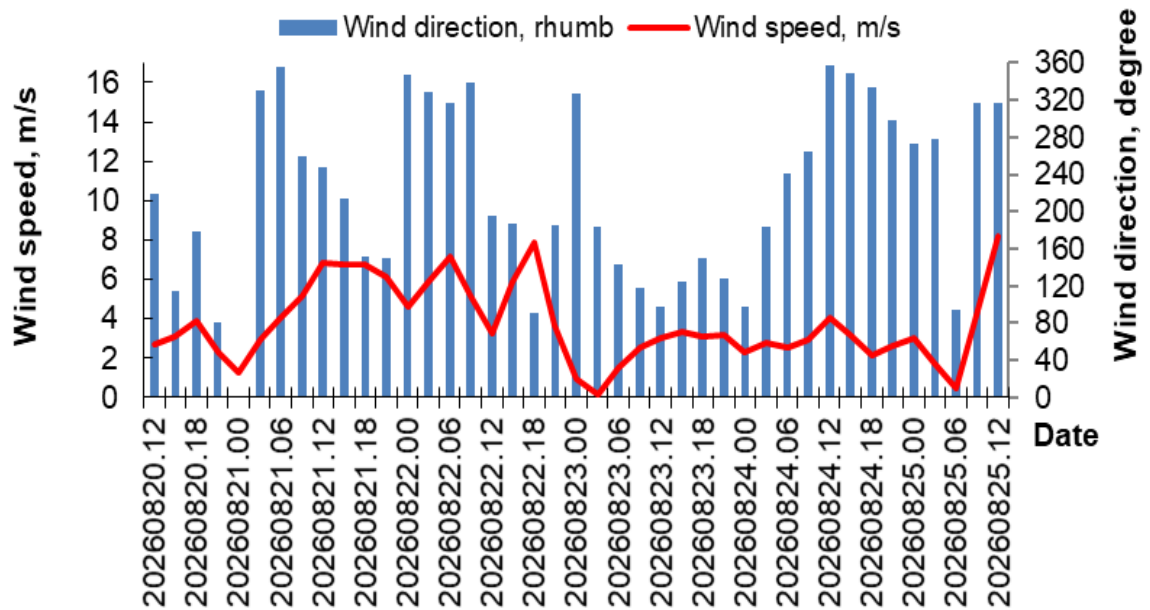


Wave condition in the Peschanyi

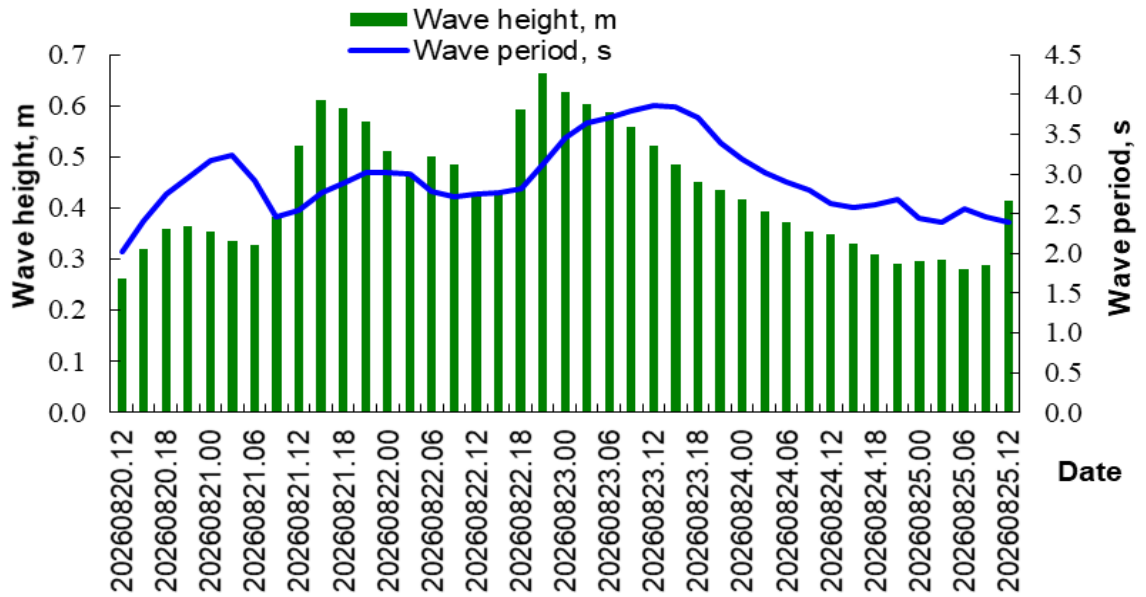


Date time	Peschanyi (Isan)				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260820.12	0.27	S	2.3	3	W
20260820.15	0.41	S	2.7	4	SW
20260820.18	0.48	S	2.8	5	SW
20260820.21	0.45	S	2.8	4	SW
20260821.00	0.41	S	2.9	3	SW
20260821.03	0.38	S	3.0	3	SW
20260821.06	0.37	S	2.7	3	SW
20260821.09	0.44	S	2.5	4	W
20260821.12	0.58	S	2.7	6	W
20260821.15	0.62	S	2.9	5	SW
20260821.18	0.59	SW	3.0	6	SE
20260821.21	0.55	SW	3.1	5	S
20260822.00	0.50	SW	3.3	3	NW
20260822.03	0.47	SW	3.2	4	NW
20260822.06	0.48	S	2.8	6	NW
20260822.09	0.44	S	2.8	4	N
20260822.12	0.43	S	2.8	3	SW
20260822.15	0.47	SW	2.9	5	S
20260822.18	0.60	SW	2.9	7	E
20260822.21	0.68	W	3.1	5	SE
20260823.00	0.63	W	3.4	4	S
20260823.03	0.61	W	3.7	4	S
20260823.06	0.60	SW	3.9	2	S
20260823.09	0.57	SW	4.0	3	SE
20260823.12	0.55	SW	3.9	4	E
20260823.15	0.54	SW	3.6	3	SE
20260823.18	0.54	W	3.4	2	S
20260823.21	0.54	W	3.3	4	SE
20260824.00	0.51	W	3.2	4	S
20260824.03	0.47	W	3.1	4	E
20260824.06	0.44	W	2.9	3	E
20260824.09	0.42	W	2.8	3	SW
20260824.12	0.42	W	2.6	5	W
20260824.15	0.39	SW	2.6	4	W
20260824.18	0.37	SW	2.5	4	N
20260824.21	0.33	SW	2.5	3	N
20260825.00	0.29	SW	2.5	0	SW
20260825.03	0.27	SW	2.5	1	SE
20260825.06	0.26	SW	2.6	2	S
20260825.09	0.26	SW	2.4	4	W
20260825.12	0.30	S	2.3	6	NW

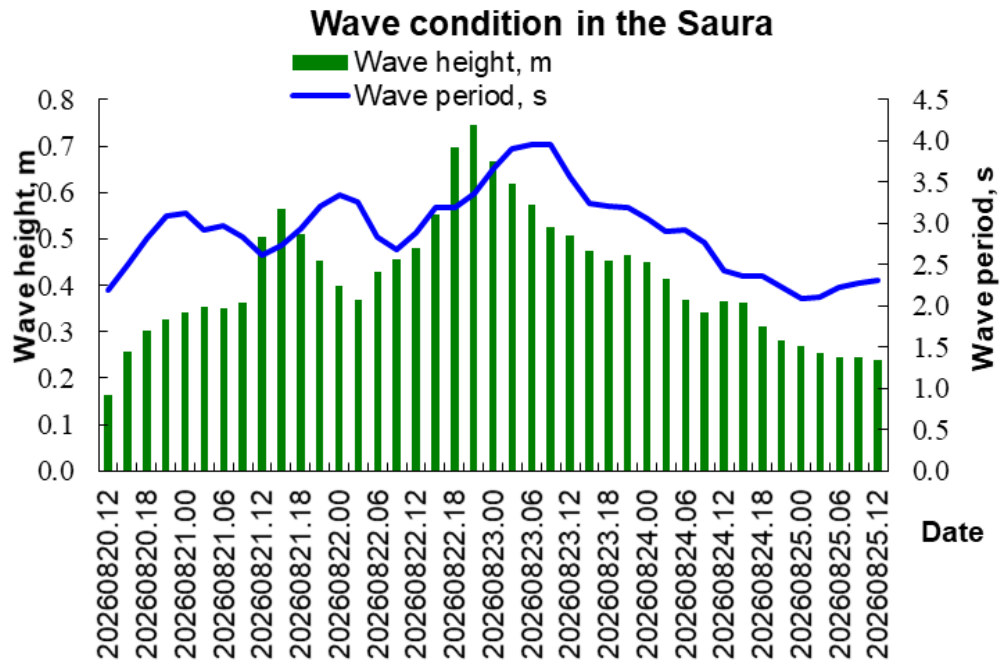
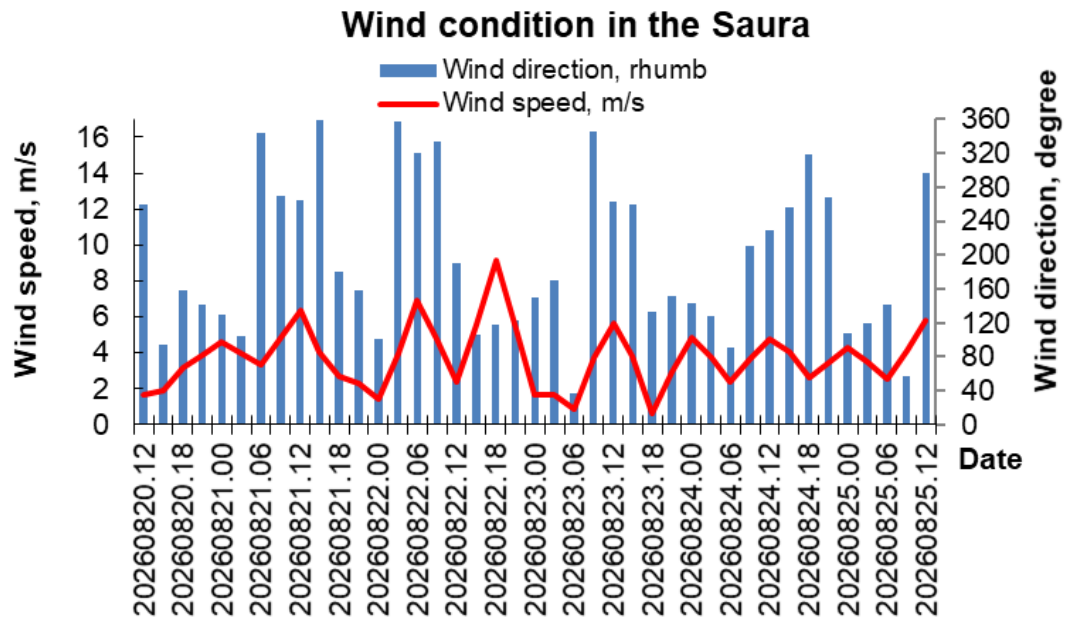
Wind condition in the Fetisovo



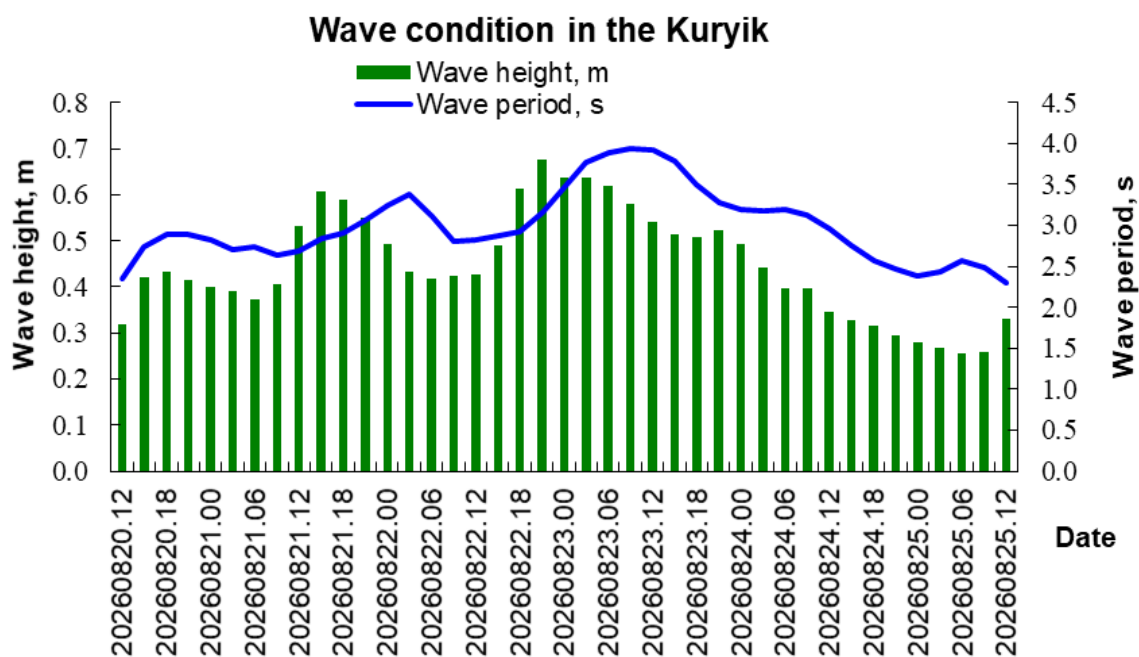
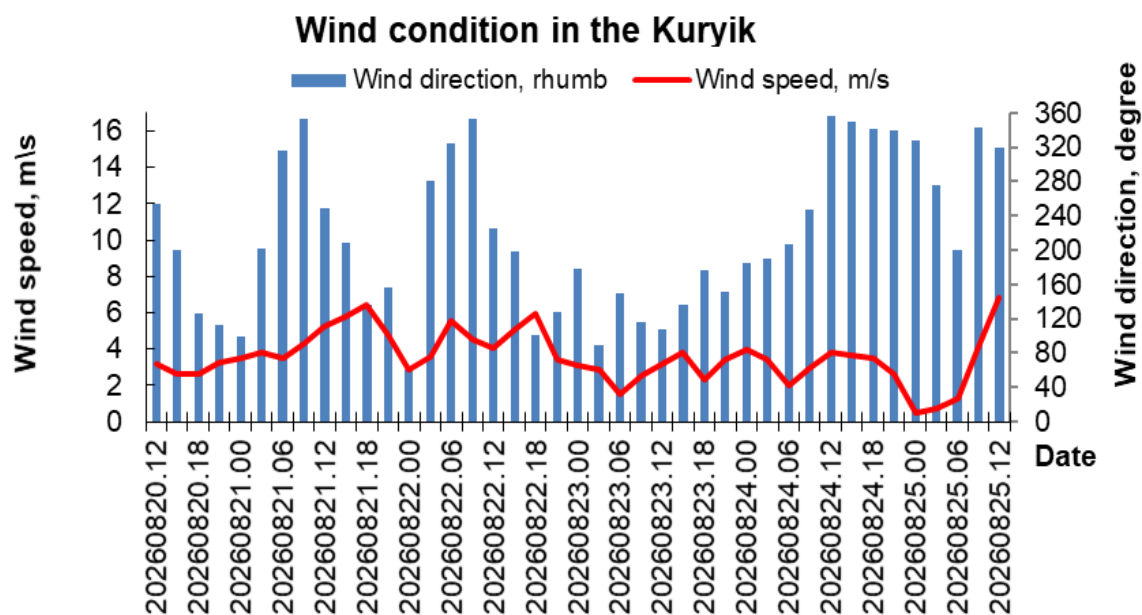
Wave condition in the Fetisovo



Date time	Fetisovo				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260820.12	0.26	SW	2.0	3	SW
20260820.15	0.32	S	2.4	3	SE
20260820.18	0.36	S	2.7	4	S
20260820.21	0.37	S	3.0	2	E
20260821.00	0.35	S	3.2	1	N
20260821.03	0.34	S	3.2	3	NW
20260821.06	0.33	S	2.9	4	N
20260821.09	0.38	S	2.5	5	W
20260821.12	0.52	S	2.5	7	W
20260821.15	0.61	SW	2.8	7	SW
20260821.18	0.60	SW	2.9	7	SE
20260821.21	0.57	SW	3.0	6	SE
20260822.00	0.51	W	3.0	5	N
20260822.03	0.46	SW	3.0	6	NW
20260822.06	0.50	S	2.8	7	NW
20260822.09	0.48	S	2.7	5	N
20260822.12	0.42	S	2.7	3	S
20260822.15	0.43	SW	2.8	6	S
20260822.18	0.59	W	2.8	8	E
20260822.21	0.66	W	3.1	4	S
20260823.00	0.63	W	3.5	1	NW
20260823.03	0.60	SW	3.6	0	S
20260823.06	0.59	SW	3.7	1	SE
20260823.09	0.56	SW	3.8	3	SE
20260823.12	0.52	SW	3.9	3	E
20260823.15	0.48	W	3.8	3	SE
20260823.18	0.45	W	3.7	3	SE
20260823.21	0.44	W	3.4	3	SE
20260824.00	0.42	W	3.2	2	E
20260824.03	0.39	W	3.0	3	S
20260824.06	0.37	W	2.9	3	SW
20260824.09	0.35	W	2.8	3	W
20260824.12	0.35	W	2.6	4	N
20260824.15	0.33	W	2.6	3	N
20260824.18	0.31	W	2.6	2	NW
20260824.21	0.29	W	2.7	3	NW
20260825.00	0.30	SW	2.4	3	W
20260825.03	0.30	SW	2.4	2	W
20260825.06	0.28	SW	2.6	1	E
20260825.09	0.29	SW	2.5	4	NW
20260825.12	0.42	S	2.4	8	NW



Date time	Saura				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260820.12	0.16	S	2.2	2	W
20260820.15	0.26	S	2.5	2	E
20260820.18	0.30	S	2.8	3	S
20260820.21	0.33	S	3.1	4	SE
20260821.00	0.34	S	3.1	5	SE
20260821.03	0.35	S	2.9	4	E
20260821.06	0.35	S	3.0	3	N
20260821.09	0.36	S	2.8	5	W
20260821.12	0.50	S	2.6	6	W
20260821.15	0.56	S	2.7	4	N
20260821.18	0.51	S	2.9	3	S
20260821.21	0.45	SW	3.2	2	S
20260822.00	0.40	S	3.3	1	E
20260822.03	0.37	S	3.3	4	N
20260822.06	0.43	S	2.8	7	NW
20260822.09	0.46	S	2.7	5	NW
20260822.12	0.48	S	2.9	2	S
20260822.15	0.55	SW	3.2	6	E
20260822.18	0.70	SW	3.2	9	SE
20260822.21	0.75	W	3.4	5	SE
20260823.00	0.67	W	3.7	2	SE
20260823.03	0.62	SW	3.9	2	S
20260823.06	0.57	SW	4.0	1	NE
20260823.09	0.53	SW	4.0	4	N
20260823.12	0.51	SW	3.6	6	W
20260823.15	0.47	SW	3.2	4	W
20260823.18	0.45	SW	3.2	1	SE
20260823.21	0.47	SW	3.2	3	SE
20260824.00	0.45	W	3.1	5	SE
20260824.03	0.41	W	2.9	4	SE
20260824.06	0.37	W	2.9	2	E
20260824.09	0.34	W	2.8	4	SW
20260824.12	0.37	W	2.4	5	SW
20260824.15	0.36	SW	2.4	4	W
20260824.18	0.31	SW	2.4	3	NW
20260824.21	0.28	SW	2.2	3	W
20260825.00	0.27	SW	2.1	4	E
20260825.03	0.25	SW	2.1	4	SE
20260825.06	0.25	W	2.2	3	SE
20260825.09	0.24	W	2.3	4	NE
20260825.12	0.24	W	2.3	6	NW



Date time	Kuryk				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260820.12	0.32	S	2.3	3	W
20260820.15	0.42	S	2.7	3	S
20260820.18	0.43	S	2.9	3	SE
20260820.21	0.41	S	2.9	3	E
20260821.00	0.40	S	2.8	4	E
20260821.03	0.39	S	2.7	4	S
20260821.06	0.37	S	2.7	4	NW
20260821.09	0.41	S	2.6	4	N
20260821.12	0.53	S	2.7	5	W
20260821.15	0.61	S	2.8	6	SW
20260821.18	0.59	SW	2.9	6	SE
20260821.21	0.55	SW	3.1	5	SE
20260822.00	0.49	SW	3.2	3	NE
20260822.03	0.43	SW	3.4	4	W
20260822.06	0.42	SW	3.1	6	NW
20260822.09	0.42	S	2.8	5	N
20260822.12	0.43	S	2.8	4	SW
20260822.15	0.49	SW	2.9	5	S
20260822.18	0.61	SW	2.9	6	E
20260822.21	0.68	W	3.2	3	SE
20260823.00	0.64	W	3.5	3	S
20260823.03	0.64	SW	3.8	3	E
20260823.06	0.62	SW	3.9	2	SE
20260823.09	0.58	SW	3.9	3	SE
20260823.12	0.54	SW	3.9	3	E
20260823.15	0.51	SW	3.8	4	SE
20260823.18	0.51	W	3.5	2	S
20260823.21	0.52	W	3.3	3	SE
20260824.00	0.49	W	3.2	4	S
20260824.03	0.44	W	3.2	3	S
20260824.06	0.40	W	3.2	2	SW
20260824.09	0.40	W	3.1	3	SW
20260824.12	0.34	W	3.0	4	N
20260824.15	0.33	W	2.8	4	N
20260824.18	0.32	SW	2.6	3	N
20260824.21	0.29	SW	2.5	3	N
20260825.00	0.28	SW	2.4	1	NW
20260825.03	0.27	SW	2.4	1	W
20260825.06	0.25	SW	2.6	1	S
20260825.09	0.26	SW	2.5	4	N
20260825.12	0.33	S	2.3	7	NW

**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.

RSE «Kazhydromet» – Caspian Sea Hydrometeorological Research Department
 Phone. (717)2 79 83 12; E-mail: ugmikh@meteo.kz