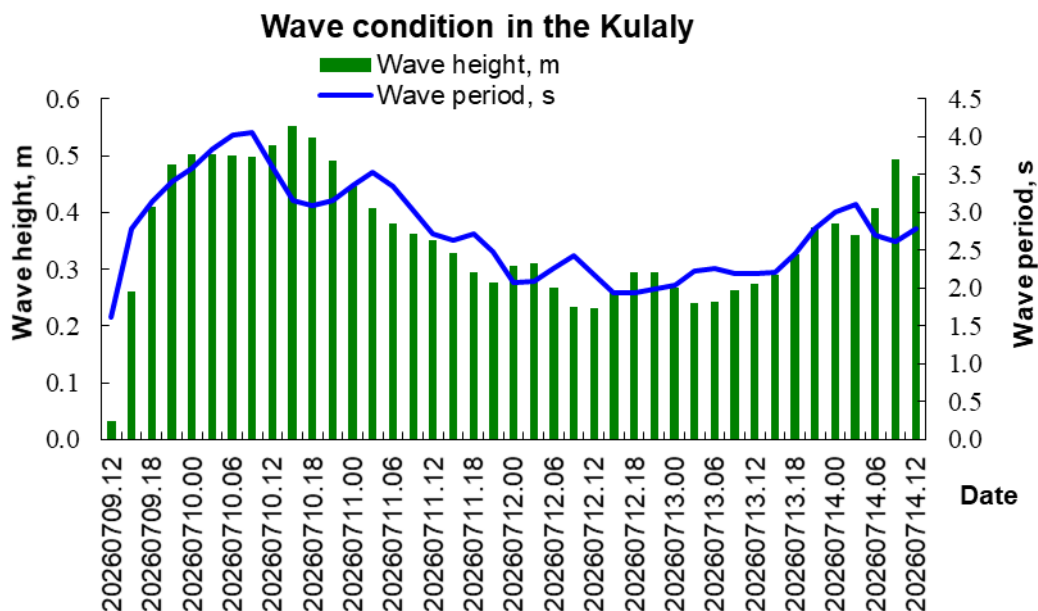
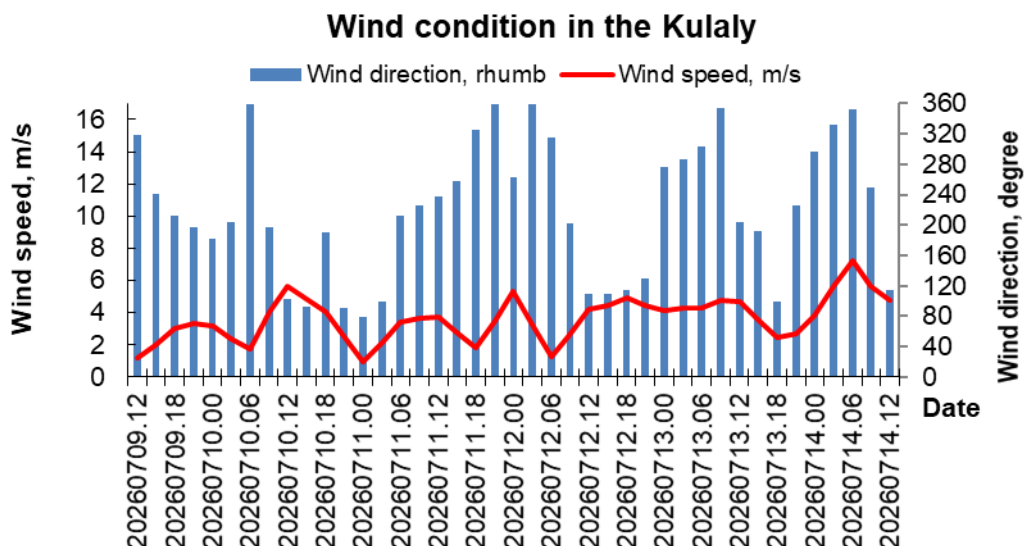




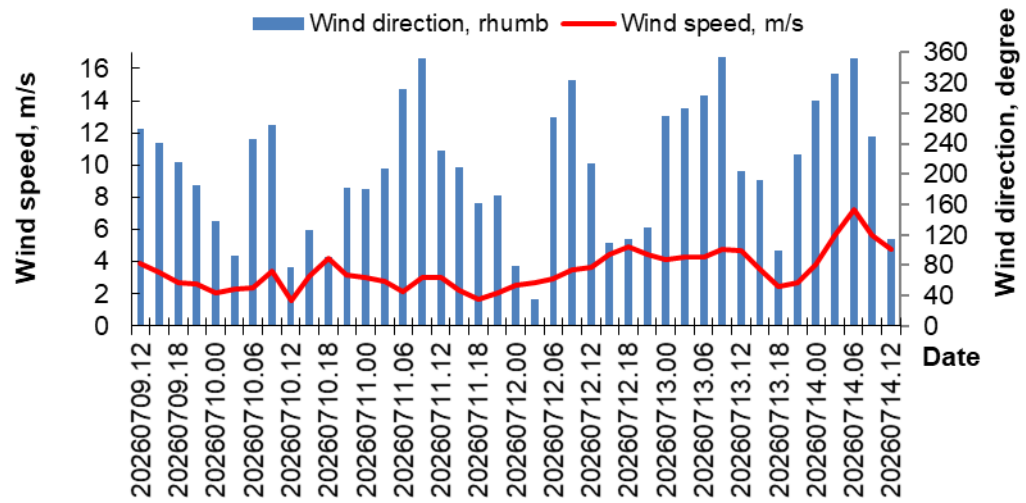
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**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 09 – 14, 2026 .**

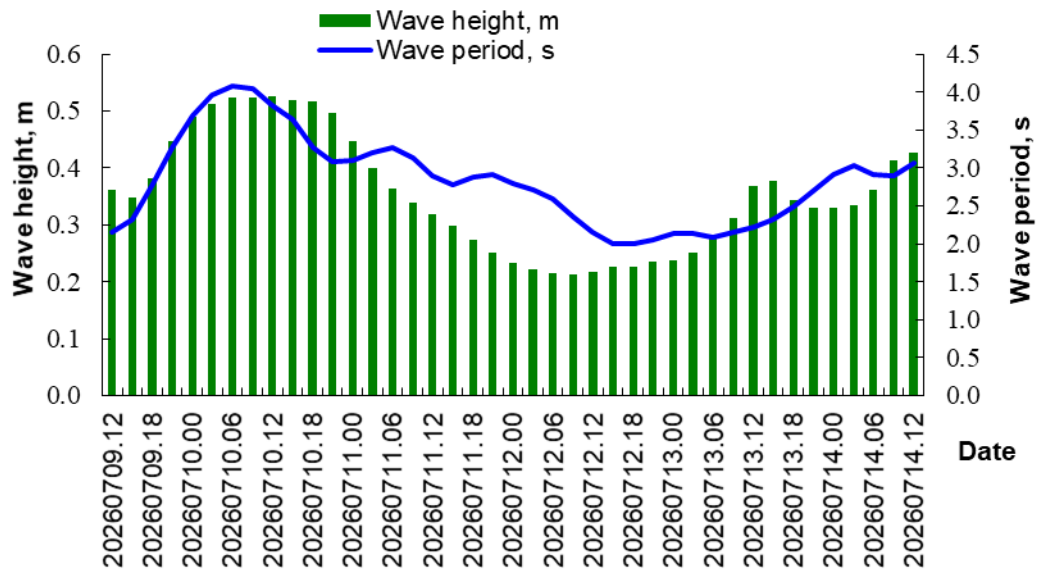


Date time	Kulaly				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260709.12	0.03	SE	1.6	1	NW
20260709.15	0.26	SW	2.8	2	SW
20260709.18	0.41	SW	3.1	3	SW
20260709.21	0.48	SW	3.4	3	S
20260710.00	0.50	SW	3.6	3	S
20260710.03	0.50	S	3.8	2	SW
20260710.06	0.50	S	4.0	2	N
20260710.09	0.50	S	4.1	4	S
20260710.12	0.52	S	3.6	6	E
20260710.15	0.55	S	3.2	5	E
20260710.18	0.53	S	3.1	4	S
20260710.21	0.49	S	3.2	3	E
20260711.00	0.45	S	3.4	1	E
20260711.03	0.41	S	3.5	2	E
20260711.06	0.38	S	3.3	3	SW
20260711.09	0.36	S	3.0	4	SW
20260711.12	0.35	S	2.7	4	SW
20260711.15	0.33	S	2.6	3	W
20260711.18	0.29	S	2.7	2	NW
20260711.21	0.28	S	2.5	4	N
20260712.00	0.31	S	2.1	5	W
20260712.03	0.31	S	2.1	3	N
20260712.06	0.27	SW	2.3	1	NW
20260712.09	0.23	SW	2.4	3	S
20260712.12	0.23	SW	2.2	4	E
20260712.15	0.26	W	1.9	4	E
20260712.18	0.30	W	1.9	5	SE
20260712.21	0.30	W	2.0	4	SE
20260713.00	0.27	W	2.0	4	W
20260713.03	0.24	W	2.2	4	W
20260713.06	0.24	W	2.3	4	NW
20260713.09	0.26	S	2.2	5	N
20260713.12	0.27	S	2.2	5	SW
20260713.15	0.29	SW	2.2	4	S
20260713.18	0.33	W	2.5	2	E
20260713.21	0.37	W	2.8	3	SW
20260714.00	0.38	W	3.0	4	NW
20260714.03	0.36	W	3.1	6	NW
20260714.06	0.41	SW	2.7	7	N
20260714.09	0.49	S	2.6	6	W
20260714.12	0.46	S	2.8	5	SE

Wind condition in the Fort-Shevchenko

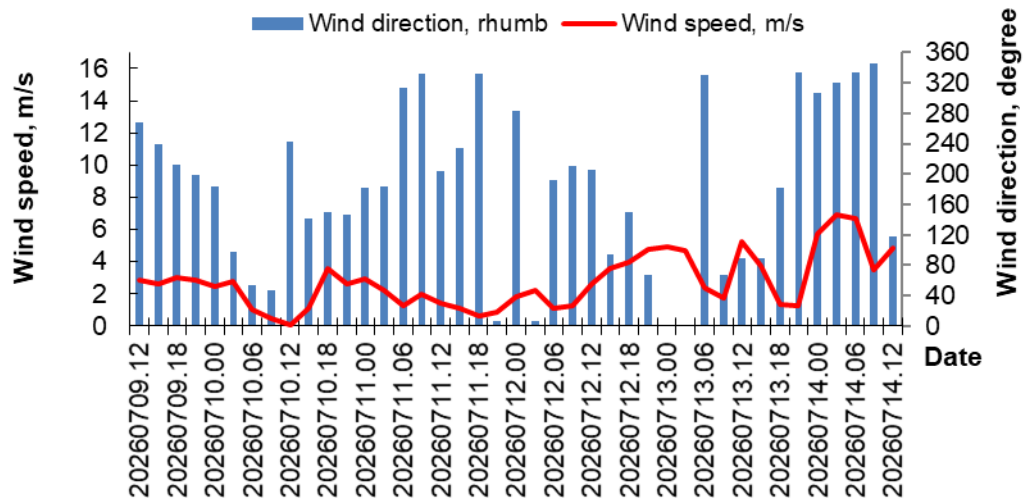


Wave condition in the Fort-Shevchenko

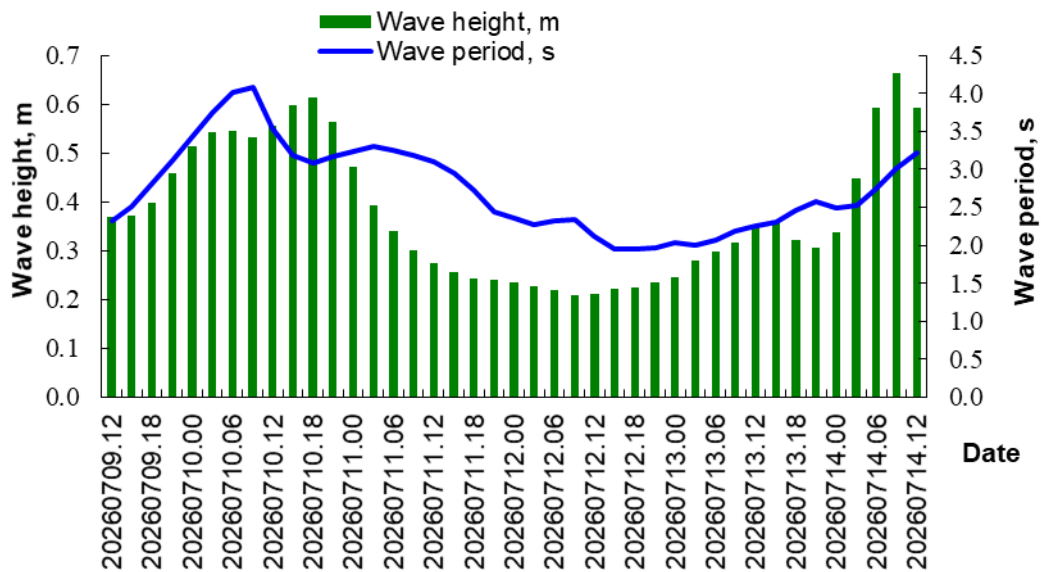


Date time	Fort-Shevchenko				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260709.12	0.36	S	2.2	4	W
20260709.15	0.35	S	2.3	3	SW
20260709.18	0.38	S	2.8	3	SW
20260709.21	0.45	SW	3.3	3	S
20260710.00	0.49	S	3.7	2	SE
20260710.03	0.51	S	4.0	2	E
20260710.06	0.52	S	4.1	2	SW
20260710.09	0.52	S	4.0	3	W
20260710.12	0.53	S	3.8	2	E
20260710.15	0.52	S	3.6	3	SE
20260710.18	0.52	S	3.3	4	E
20260710.21	0.50	S	3.1	3	S
20260711.00	0.45	S	3.1	3	S
20260711.03	0.40	S	3.2	3	SW
20260711.06	0.36	S	3.3	2	NW
20260711.09	0.34	S	3.1	3	N
20260711.12	0.32	S	2.9	3	SW
20260711.15	0.30	SW	2.8	2	SW
20260711.18	0.27	SW	2.9	2	S
20260711.21	0.25	SW	2.9	2	S
20260712.00	0.23	SW	2.8	3	E
20260712.03	0.22	SW	2.7	3	NE
20260712.06	0.21	SW	2.6	3	W
20260712.09	0.21	SW	2.4	3	NW
20260712.12	0.22	SW	2.2	4	SW
20260712.15	0.23	SW	2.0	4	E
20260712.18	0.23	SW	2.0	5	SE
20260712.21	0.24	W	2.0	4	SE
20260713.00	0.24	W	2.1	4	W
20260713.03	0.25	W	2.1	4	W
20260713.06	0.28	NE	2.1	4	NW
20260713.09	0.31	NE	2.2	5	N
20260713.12	0.37	N	2.2	5	SW
20260713.15	0.38	N	2.3	4	S
20260713.18	0.34	NW	2.5	2	E
20260713.21	0.33	NW	2.7	3	SW
20260714.00	0.33	W	2.9	4	NW
20260714.03	0.33	W	3.0	6	NW
20260714.06	0.36	SW	2.9	7	N
20260714.09	0.41	S	2.9	6	W
20260714.12	0.43	S	3.1	5	SE

Wind condition in the Aktau

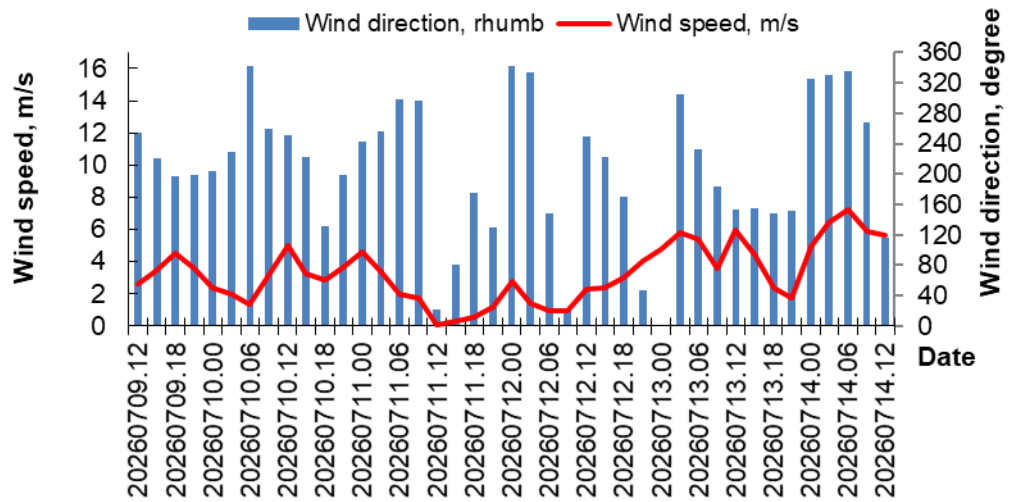


Wave condition in the Aktau

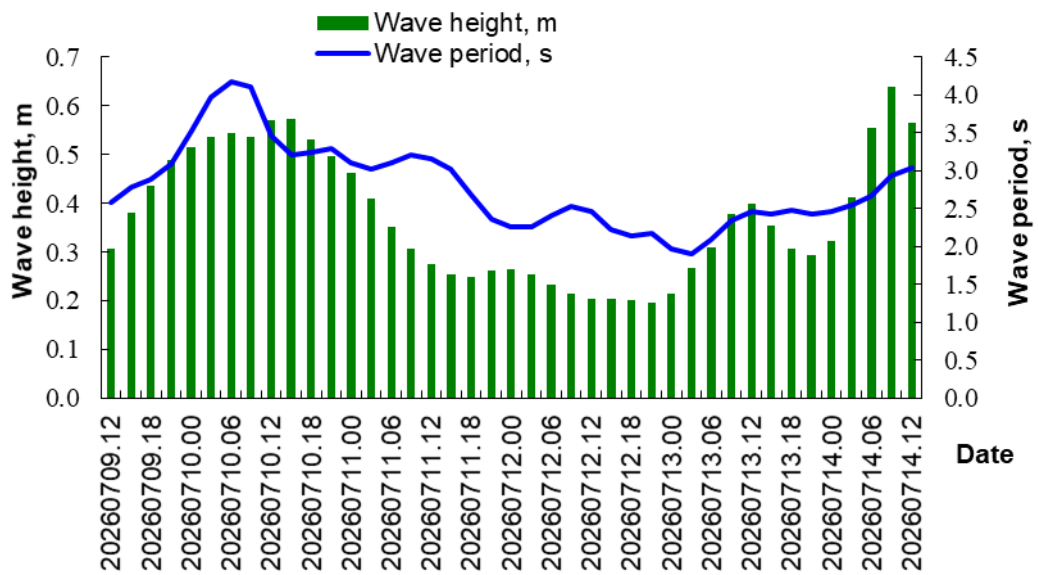


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260709.12	0.37	S	2.3	3	W
20260709.15	0.37	S	2.5	3	SW
20260709.18	0.40	S	2.8	3	SW
20260709.21	0.46	S	3.1	3	S
20260710.00	0.51	S	3.4	2	S
20260710.03	0.54	S	3.7	3	E
20260710.06	0.55	S	4.0	1	NE
20260710.09	0.53	S	4.1	0	NE
20260710.12	0.56	S	3.5	0	SW
20260710.15	0.60	S	3.2	1	SE
20260710.18	0.61	SW	3.1	4	SE
20260710.21	0.56	W	3.2	3	SE
20260711.00	0.47	SW	3.2	3	S
20260711.03	0.39	SW	3.3	2	S
20260711.06	0.34	SW	3.3	1	NW
20260711.09	0.30	SW	3.2	2	NW
20260711.12	0.27	SW	3.1	1	SW
20260711.15	0.26	SW	3.0	1	SW
20260711.18	0.24	SW	2.7	1	NW
20260711.21	0.24	SW	2.4	1	N
20260712.00	0.23	W	2.4	2	W
20260712.03	0.23	SW	2.3	2	N
20260712.06	0.22	SW	2.3	1	S
20260712.09	0.21	SW	2.3	1	SW
20260712.12	0.21	SW	2.1	3	SW
20260712.15	0.22	SW	2.0	4	E
20260712.18	0.22	W	1.9	4	SE
20260712.21	0.23	W	2.0	5	NE
20260713.00	0.25	NW	2.0	5	N
20260713.03	0.28	E	2.0	5	N
20260713.06	0.30	E	2.1	2	NW
20260713.09	0.32	E	2.2	2	NE
20260713.12	0.35	E	2.3	5	E
20260713.15	0.36	NE	2.3	4	E
20260713.18	0.32	N	2.5	1	S
20260713.21	0.30	W	2.6	1	NW
20260714.00	0.34	S	2.5	6	NW
20260714.03	0.45	SE	2.5	7	NW
20260714.06	0.59	SE	2.7	7	NW
20260714.09	0.66	SE	3.0	3	N
20260714.12	0.59	SE	3.2	5	SE

Wind condition in the Peschanyi

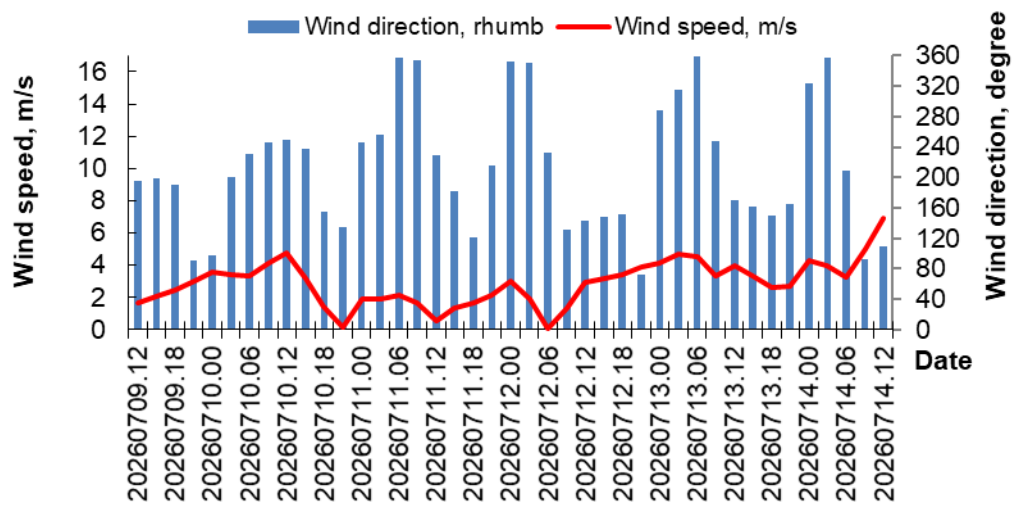


Wave condition in the Peschanyi

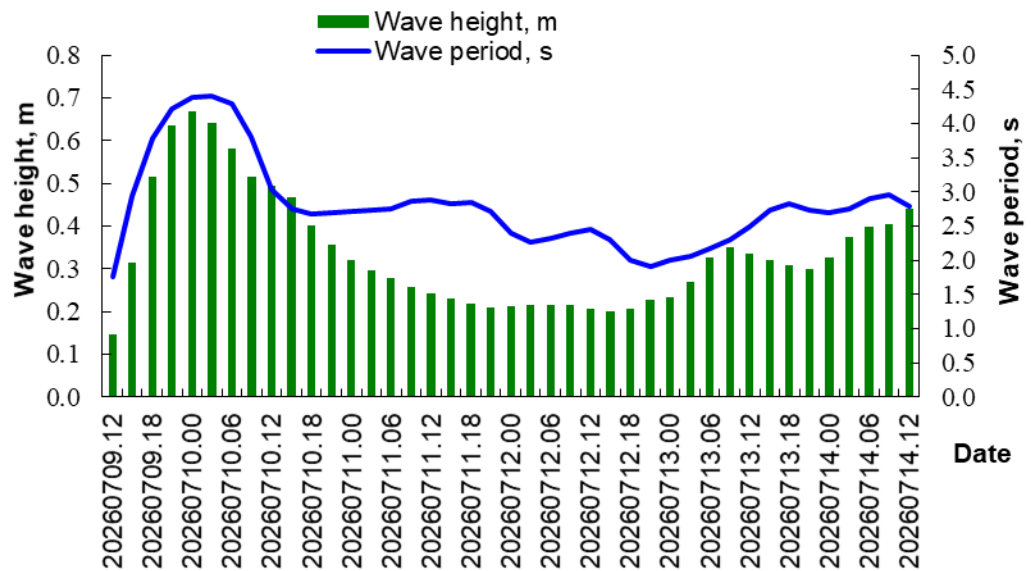


Date time	Peschanyi (Isan)				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260709.12	0.31	S	2.6	3	W
20260709.15	0.38	S	2.8	3	SW
20260709.18	0.44	S	2.9	5	S
20260709.21	0.49	S	3.1	4	S
20260710.00	0.52	S	3.5	2	SW
20260710.03	0.54	S	4.0	2	SW
20260710.06	0.54	S	4.2	1	N
20260710.09	0.54	S	4.1	3	W
20260710.12	0.57	S	3.5	5	W
20260710.15	0.57	S	3.2	3	SW
20260710.18	0.53	SW	3.2	3	SE
20260710.21	0.50	SW	3.3	4	S
20260711.00	0.46	SW	3.1	5	SW
20260711.03	0.41	SW	3.0	3	W
20260711.06	0.35	SW	3.1	2	NW
20260711.09	0.31	SW	3.2	2	NW
20260711.12	0.27	SW	3.2	0	N
20260711.15	0.25	SW	3.0	0	E
20260711.18	0.25	SW	2.7	1	S
20260711.21	0.26	SW	2.4	1	SE
20260712.00	0.26	SW	2.3	3	N
20260712.03	0.25	SW	2.3	1	NW
20260712.06	0.23	SW	2.4	1	SE
20260712.09	0.21	SW	2.5	1	N
20260712.12	0.20	SW	2.5	2	W
20260712.15	0.20	SW	2.2	2	SW
20260712.18	0.20	SW	2.1	3	S
20260712.21	0.20	SW	2.2	4	NE
20260713.00	0.21	SW	2.0	5	N
20260713.03	0.27	SE	1.9	6	NW
20260713.06	0.31	SE	2.1	5	SW
20260713.09	0.38	S	2.3	4	S
20260713.12	0.40	S	2.5	6	SE
20260713.15	0.35	SW	2.4	4	SE
20260713.18	0.31	SW	2.5	2	SE
20260713.21	0.29	SW	2.4	2	SE
20260714.00	0.32	S	2.5	5	NW
20260714.03	0.41	SE	2.5	6	NW
20260714.06	0.55	SE	2.7	7	NW
20260714.09	0.64	SE	2.9	6	W
20260714.12	0.57	S	3.0	6	SE

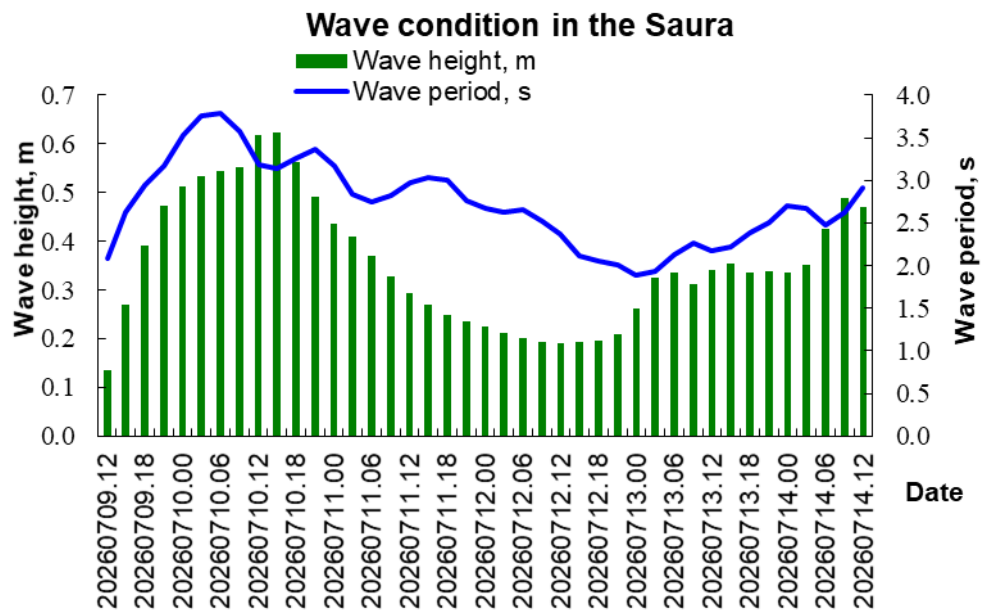
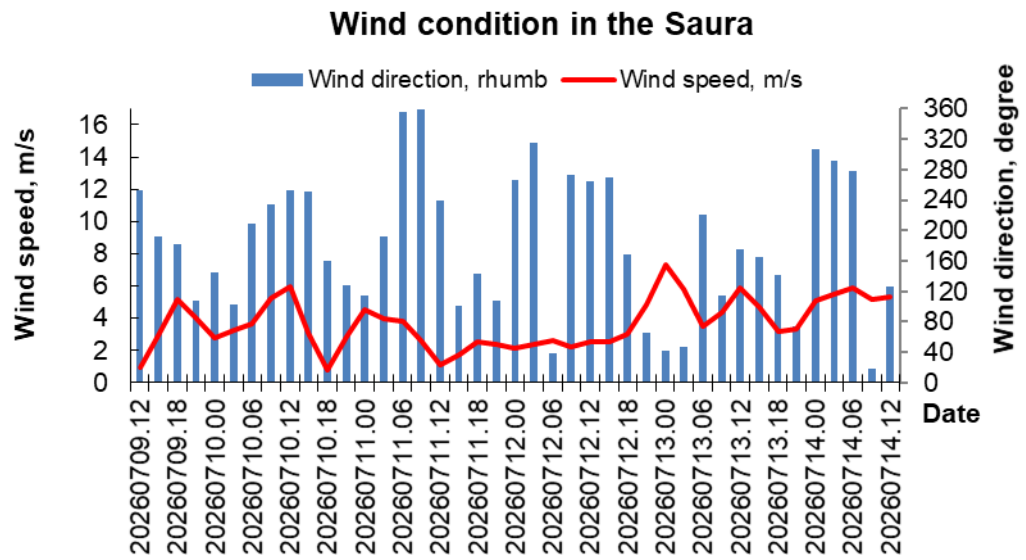
Wind condition in the Fetisovo



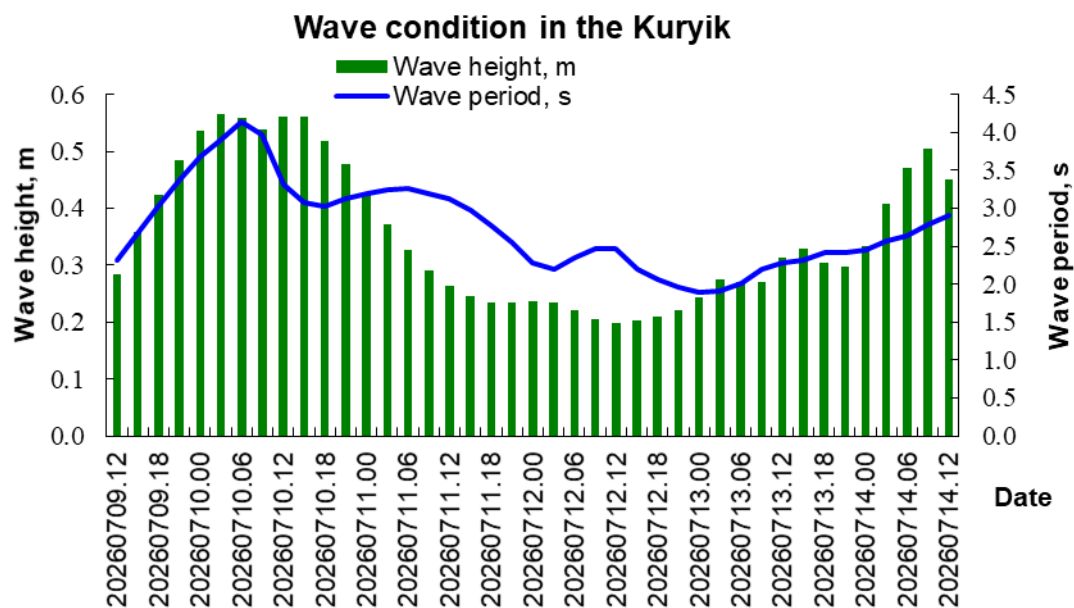
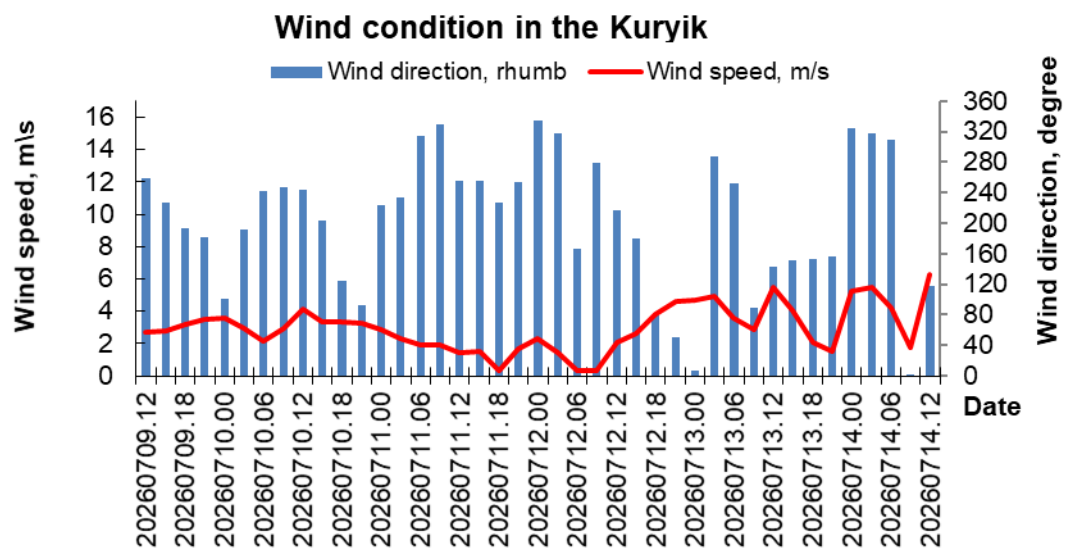
Wave condition in the Fetisovo



Date time	Fetisovo				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260709.12	0.15	SW	1.8	2	S
20260709.15	0.32	S	2.9	2	S
20260709.18	0.51	S	3.8	2	S
20260709.21	0.63	S	4.2	3	E
20260710.00	0.67	S	4.4	4	E
20260710.03	0.64	S	4.4	3	S
20260710.06	0.58	S	4.3	3	SW
20260710.09	0.52	S	3.8	4	SW
20260710.12	0.50	S	3.0	5	W
20260710.15	0.47	S	2.8	3	SW
20260710.18	0.40	SW	2.7	1	SE
20260710.21	0.36	SW	2.7	0	SE
20260711.00	0.32	SW	2.7	2	SW
20260711.03	0.30	W	2.7	2	W
20260711.06	0.28	W	2.8	2	N
20260711.09	0.26	W	2.9	2	N
20260711.12	0.24	W	2.9	1	SW
20260711.15	0.23	W	2.8	1	S
20260711.18	0.22	W	2.9	2	SE
20260711.21	0.21	W	2.7	2	SW
20260712.00	0.21	W	2.4	3	N
20260712.03	0.22	W	2.3	2	N
20260712.06	0.22	SW	2.3	0	SW
20260712.09	0.21	SW	2.4	1	SE
20260712.12	0.21	W	2.5	3	SE
20260712.15	0.20	W	2.3	3	SE
20260712.18	0.21	W	2.0	3	SE
20260712.21	0.23	W	1.9	4	E
20260713.00	0.23	NW	2.0	4	W
20260713.03	0.27	S	2.0	5	NW
20260713.06	0.33	S	2.2	5	N
20260713.09	0.35	S	2.3	3	SW
20260713.12	0.34	S	2.5	4	S
20260713.15	0.32	S	2.7	3	S
20260713.18	0.31	S	2.8	3	SE
20260713.21	0.30	SW	2.7	3	S
20260714.00	0.33	S	2.7	4	NW
20260714.03	0.37	SE	2.8	4	N
20260714.06	0.40	S	2.9	3	SW
20260714.09	0.41	S	3.0	5	E
20260714.12	0.44	SW	2.8	7	E



Date time	Saura				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260709.12	0.14	S	2.1	1	W
20260709.15	0.27	S	2.6	3	S
20260709.18	0.39	S	2.9	5	S
20260709.21	0.47	S	3.2	4	E
20260710.00	0.51	S	3.5	3	SE
20260710.03	0.53	S	3.8	3	E
20260710.06	0.54	S	3.8	4	SW
20260710.09	0.55	S	3.6	5	SW
20260710.12	0.62	S	3.2	6	W
20260710.15	0.62	S	3.1	3	W
20260710.18	0.56	S	3.3	1	S
20260710.21	0.49	SW	3.4	3	SE
20260711.00	0.44	SW	3.2	5	SE
20260711.03	0.41	SW	2.8	4	S
20260711.06	0.37	SW	2.8	4	N
20260711.09	0.33	SW	2.8	3	N
20260711.12	0.29	SW	3.0	1	SW
20260711.15	0.27	SW	3.0	2	E
20260711.18	0.25	SW	3.0	3	SE
20260711.21	0.24	SW	2.8	2	E
20260712.00	0.22	SW	2.7	2	W
20260712.03	0.21	SW	2.6	2	NW
20260712.06	0.20	SW	2.6	3	NE
20260712.09	0.19	SW	2.5	2	W
20260712.12	0.19	SW	2.4	3	W
20260712.15	0.19	SW	2.1	3	W
20260712.18	0.20	SW	2.1	3	S
20260712.21	0.21	SW	2.0	5	NE
20260713.00	0.26	N	1.9	7	NE
20260713.03	0.33	NE	1.9	6	NE
20260713.06	0.34	NE	2.1	4	SW
20260713.09	0.31	NE	2.3	4	SE
20260713.12	0.34	N	2.2	6	S
20260713.15	0.35	N	2.2	5	S
20260713.18	0.34	NW	2.4	3	SE
20260713.21	0.34	NW	2.5	3	E
20260714.00	0.34	NW	2.7	5	NW
20260714.03	0.35	W	2.7	5	W
20260714.06	0.43	SE	2.5	6	W
20260714.09	0.49	SE	2.6	5	N
20260714.12	0.47	SE	2.9	5	SE



Date time	Kuryk				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260709.12	0.28	S	2.3	3	W
20260709.15	0.36	S	2.7	3	SW
20260709.18	0.42	S	3.0	3	S
20260709.21	0.48	S	3.4	4	S
20260710.00	0.54	S	3.7	4	E
20260710.03	0.56	S	3.9	3	S
20260710.06	0.56	S	4.1	2	SW
20260710.09	0.54	S	4.0	3	W
20260710.12	0.56	S	3.3	4	SW
20260710.15	0.56	S	3.1	3	SW
20260710.18	0.52	SW	3.0	3	SE
20260710.21	0.48	SW	3.1	3	E
20260711.00	0.42	SW	3.2	3	SW
20260711.03	0.37	W	3.2	2	SW
20260711.06	0.33	W	3.3	2	NW
20260711.09	0.29	W	3.2	2	NW
20260711.12	0.26	W	3.1	1	W
20260711.15	0.25	W	3.0	2	W
20260711.18	0.24	W	2.8	0	SW
20260711.21	0.23	SW	2.5	2	W
20260712.00	0.24	SW	2.3	2	NW
20260712.03	0.24	W	2.2	1	NW
20260712.06	0.22	W	2.3	0	S
20260712.09	0.21	W	2.5	0	W
20260712.12	0.20	W	2.5	2	SW
20260712.15	0.20	SW	2.2	3	S
20260712.18	0.21	W	2.1	4	E
20260712.21	0.22	W	2.0	5	NE
20260713.00	0.24	N	1.9	5	N
20260713.03	0.27	E	1.9	5	W
20260713.06	0.27	SE	2.0	4	W
20260713.09	0.27	SE	2.2	3	E
20260713.12	0.31	SW	2.3	5	SE
20260713.15	0.33	W	2.3	4	SE
20260713.18	0.30	SW	2.4	2	SE
20260713.21	0.30	SW	2.4	1	SE
20260714.00	0.33	S	2.4	5	NW
20260714.03	0.41	SE	2.6	6	NW
20260714.06	0.47	SE	2.6	4	NW
20260714.09	0.51	SE	2.8	2	N
20260714.12	0.45	SE	2.9	6	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.

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