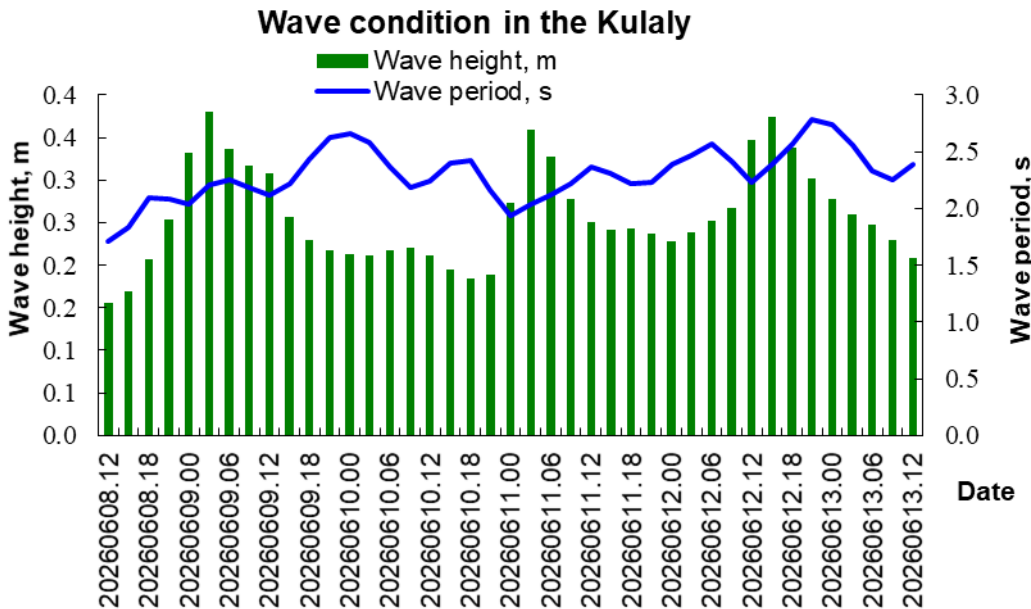
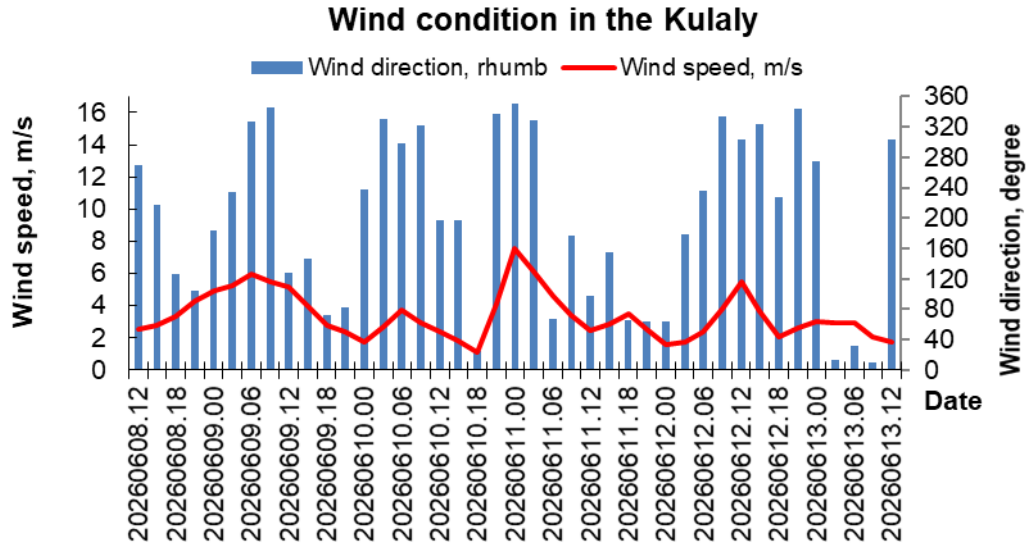




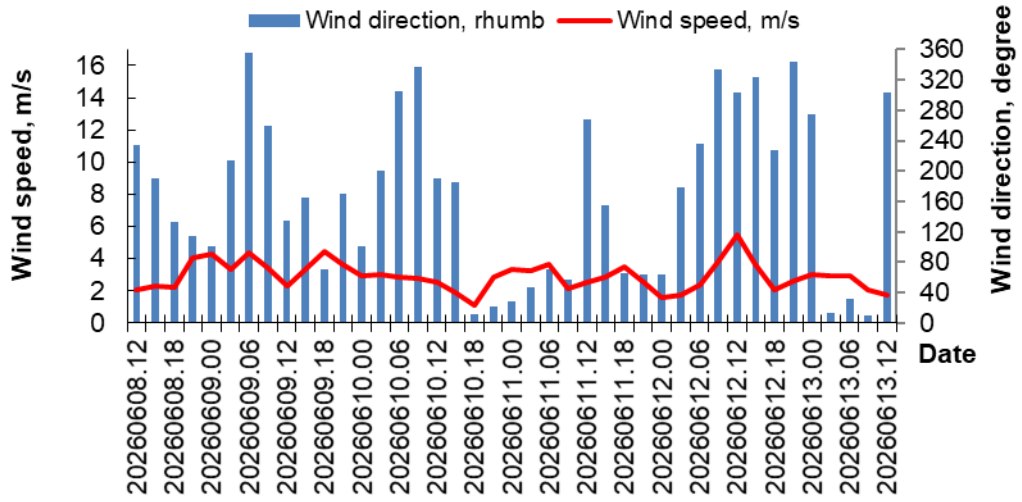
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance
using SWAN spectral model for the period June 08 – 13, 2026 .**

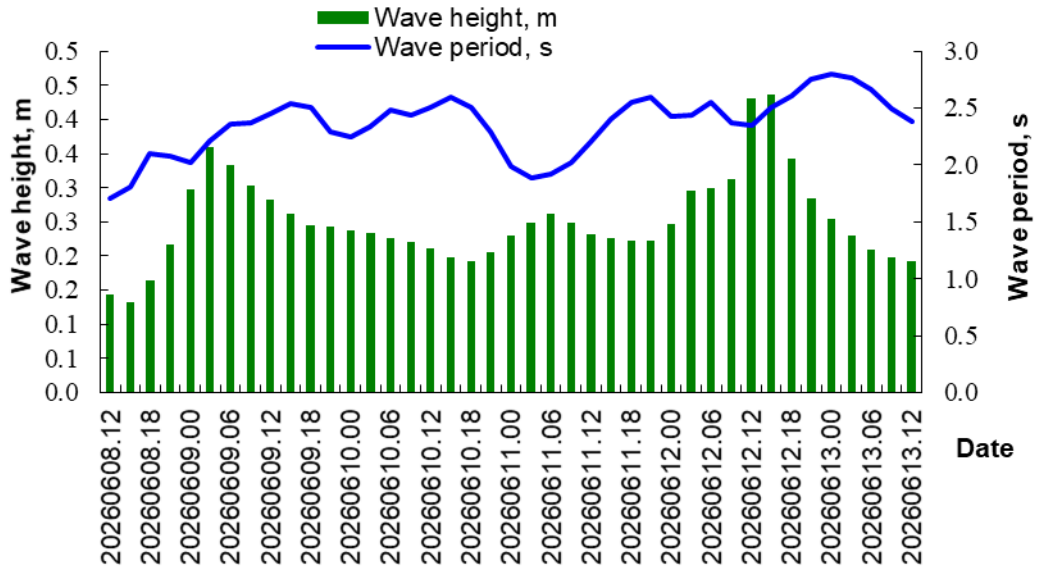


Date time	Kulaly				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260608.12	0.16	S	1.7	3	W
20260608.15	0.17	SW	1.8	3	SW
20260608.18	0.21	SW	2.1	3	SE
20260608.21	0.25	SW	2.1	4	E
20260609.00	0.33	W	2.0	5	S
20260609.03	0.38	SW	2.2	5	SW
20260609.06	0.34	SW	2.3	6	NW
20260609.09	0.32	SW	2.2	6	N
20260609.12	0.31	SW	2.1	5	SE
20260609.15	0.26	SW	2.2	4	SE
20260609.18	0.23	SW	2.4	3	E
20260609.21	0.22	SW	2.6	2	E
20260610.00	0.21	S	2.7	2	SW
20260610.03	0.21	S	2.6	3	NW
20260610.06	0.22	S	2.4	4	NW
20260610.09	0.22	S	2.2	3	NW
20260610.12	0.21	S	2.2	2	S
20260610.15	0.19	S	2.4	2	S
20260610.18	0.18	S	2.4	1	NE
20260610.21	0.19	SE	2.2	4	NW
20260611.00	0.27	SE	1.9	8	N
20260611.03	0.36	SE	2.0	6	NW
20260611.06	0.33	SE	2.1	5	NE
20260611.09	0.28	E	2.2	3	S
20260611.12	0.25	NE	2.4	2	E
20260611.15	0.24	NE	2.3	3	SE
20260611.18	0.24	NE	2.2	4	NE
20260611.21	0.24	NE	2.2	3	NE
20260612.00	0.23	E	2.4	2	NE
20260612.03	0.24	E	2.5	2	S
20260612.06	0.25	E	2.6	2	SW
20260612.09	0.27	SE	2.4	4	NW
20260612.12	0.35	SE	2.2	5	NW
20260612.15	0.37	SE	2.4	4	NW
20260612.18	0.34	E	2.6	2	SW
20260612.21	0.30	E	2.8	3	N
20260613.00	0.28	E	2.7	3	W
20260613.03	0.26	E	2.6	3	N
20260613.06	0.25	E	2.3	3	NE
20260613.09	0.23	E	2.3	2	N
20260613.12	0.21	E	2.4	2	NW

Wind condition in the Fort-Shevchenko

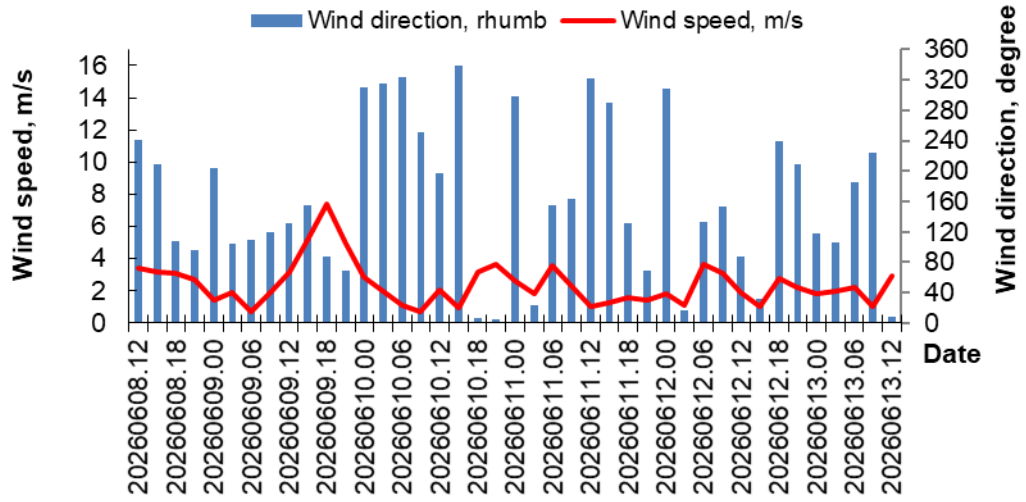


Wave condition in the Fort-Shevchenko

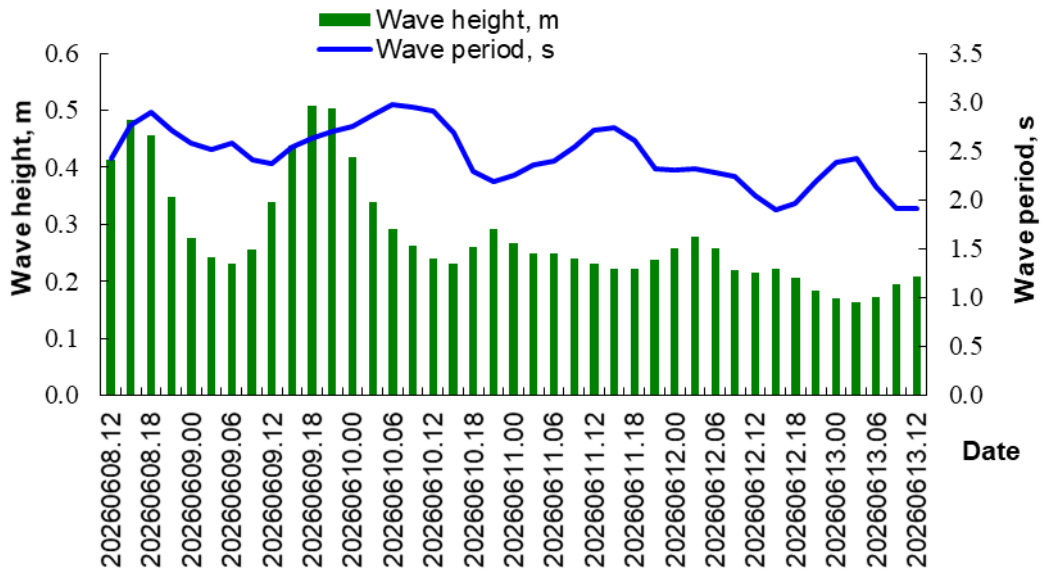


Date time	Fort-Shevchenko				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260608.12	0.14	SW	1.7	2	SW
20260608.15	0.13	SW	1.8	2	S
20260608.18	0.17	SW	2.1	2	SE
20260608.21	0.22	SW	2.1	4	SE
20260609.00	0.30	W	2.0	4	E
20260609.03	0.36	W	2.2	3	SW
20260609.06	0.33	SW	2.4	4	N
20260609.09	0.30	SW	2.4	3	W
20260609.12	0.28	SW	2.4	2	SE
20260609.15	0.26	SW	2.5	3	S
20260609.18	0.25	SW	2.5	4	E
20260609.21	0.24	SW	2.3	4	S
20260610.00	0.24	SW	2.2	3	E
20260610.03	0.23	SW	2.3	3	S
20260610.06	0.23	S	2.5	3	NW
20260610.09	0.22	SE	2.4	3	NW
20260610.12	0.21	SE	2.5	3	S
20260610.15	0.20	SE	2.6	2	S
20260610.18	0.19	E	2.5	1	N
20260610.21	0.21	E	2.3	3	N
20260611.00	0.23	E	2.0	3	NE
20260611.03	0.25	NE	1.9	3	NE
20260611.06	0.26	NE	1.9	4	E
20260611.09	0.25	NE	2.0	2	NE
20260611.12	0.23	NE	2.2	3	W
20260611.15	0.23	E	2.4	3	SE
20260611.18	0.22	E	2.6	4	NE
20260611.21	0.22	E	2.6	3	NE
20260612.00	0.25	E	2.4	2	NE
20260612.03	0.30	E	2.4	2	S
20260612.06	0.30	E	2.6	2	SW
20260612.09	0.31	E	2.4	4	NW
20260612.12	0.43	NE	2.4	5	NW
20260612.15	0.44	NE	2.5	4	NW
20260612.18	0.34	E	2.6	2	SW
20260612.21	0.28	NE	2.8	3	N
20260613.00	0.25	NE	2.8	3	W
20260613.03	0.23	NE	2.8	3	N
20260613.06	0.21	NE	2.7	3	NE
20260613.09	0.20	NE	2.5	2	N
20260613.12	0.19	NE	2.4	2	NW

Wind condition in the Aktau

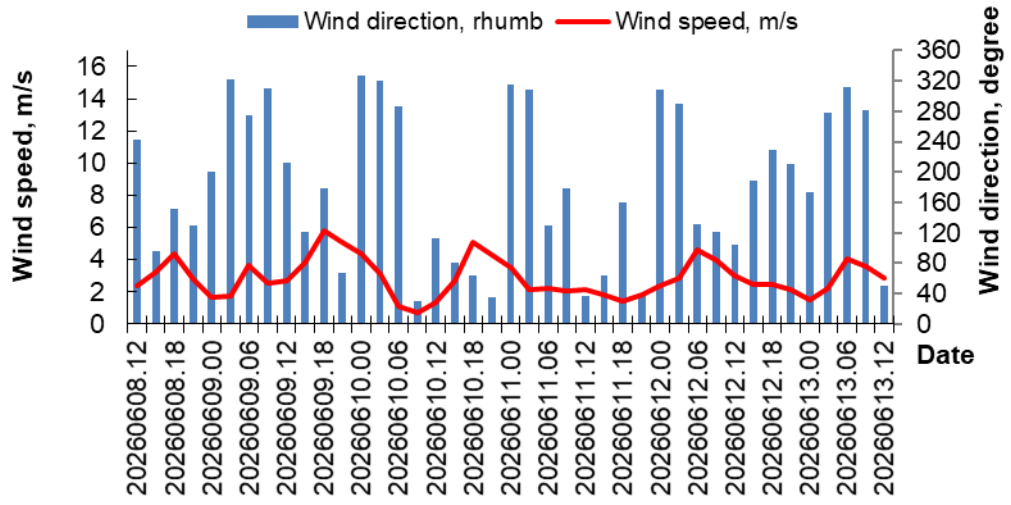


Wave condition in the Aktau

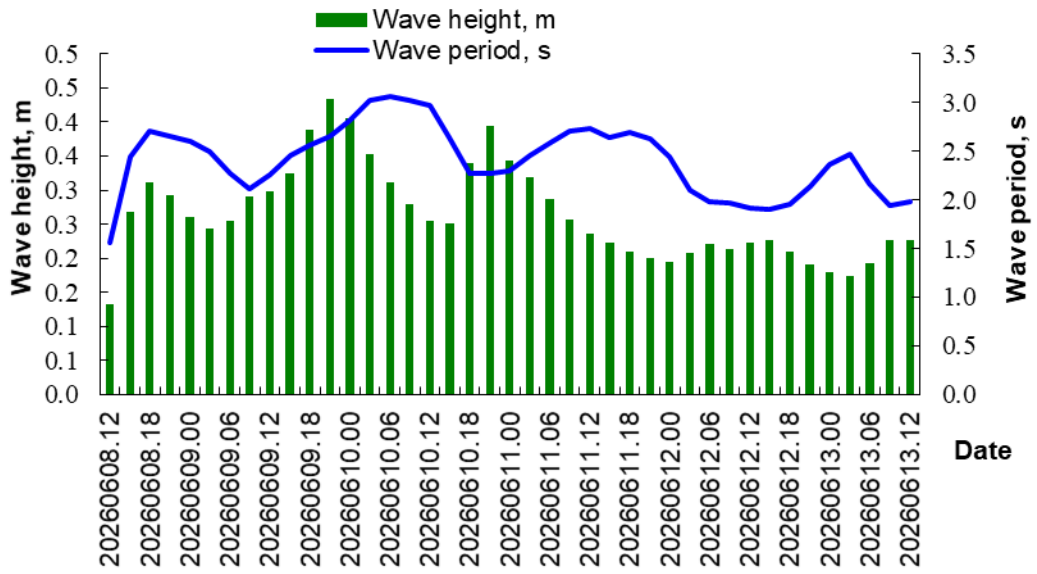


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260608.12	0.41	S	2.4	3	SW
20260608.15	0.48	S	2.8	3	SW
20260608.18	0.46	S	2.9	3	E
20260608.21	0.35	S	2.7	3	E
20260609.00	0.27	SW	2.6	1	SW
20260609.03	0.24	SW	2.5	2	E
20260609.06	0.23	SW	2.6	1	E
20260609.09	0.25	SW	2.4	2	SE
20260609.12	0.34	W	2.4	3	SE
20260609.15	0.44	W	2.5	5	SE
20260609.18	0.51	NW	2.6	7	E
20260609.21	0.50	NW	2.7	5	E
20260610.00	0.42	NW	2.8	3	NW
20260610.03	0.34	NW	2.9	2	NW
20260610.06	0.29	NW	3.0	1	NW
20260610.09	0.26	NW	3.0	1	W
20260610.12	0.24	NW	2.9	2	S
20260610.15	0.23	NW	2.7	1	N
20260610.18	0.26	N	2.3	3	N
20260610.21	0.29	NE	2.2	4	N
20260611.00	0.27	NE	2.3	3	NW
20260611.03	0.25	NE	2.4	2	NE
20260611.06	0.25	NE	2.4	4	SE
20260611.09	0.24	NE	2.5	2	S
20260611.12	0.23	E	2.7	1	NW
20260611.15	0.22	E	2.7	1	W
20260611.18	0.22	E	2.6	2	SE
20260611.21	0.24	NE	2.3	1	E
20260612.00	0.26	E	2.3	2	NW
20260612.03	0.28	E	2.3	1	N
20260612.06	0.26	E	2.3	4	SE
20260612.09	0.22	E	2.2	3	SE
20260612.12	0.21	E	2.0	2	E
20260612.15	0.22	NE	1.9	1	NE
20260612.18	0.21	NE	2.0	3	SW
20260612.21	0.18	NE	2.2	2	SW
20260613.00	0.17	NE	2.4	2	SE
20260613.03	0.16	NE	2.4	2	E
20260613.06	0.17	NE	2.1	2	S
20260613.09	0.20	NE	1.9	1	SW
20260613.12	0.21	NE	1.9	3	N

Wind condition in the Peschanyi

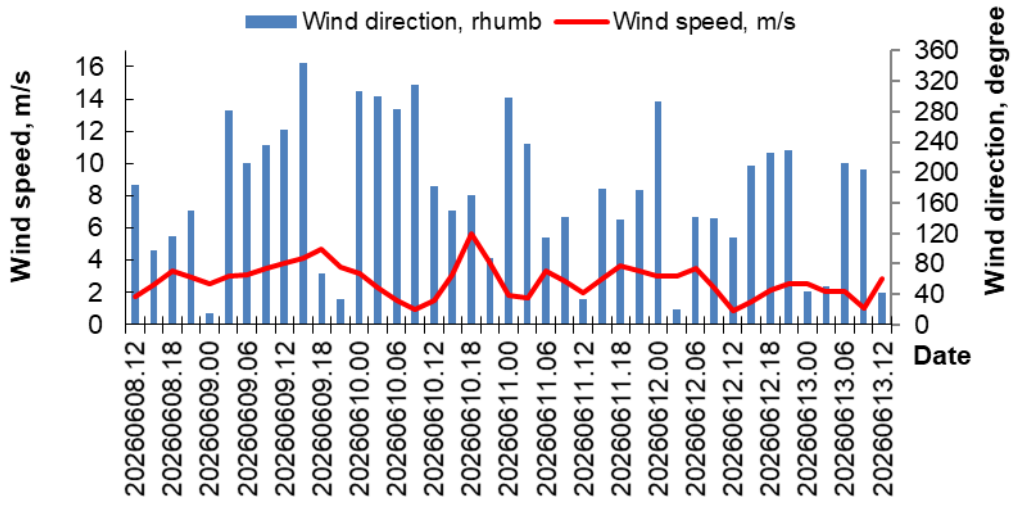


Wave condition in the Peschanyi

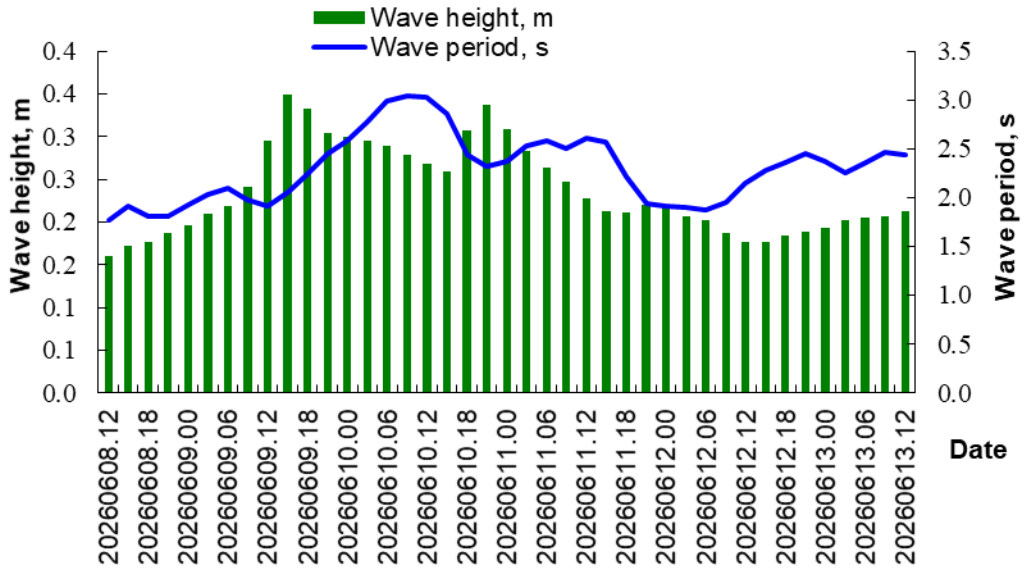


Date time	Peschanyi (Isan)				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260608.12	0.13	SW	1.6	2	SW
20260608.15	0.27	SW	2.4	3	E
20260608.18	0.31	SW	2.7	4	SE
20260608.21	0.29	SW	2.7	3	SE
20260609.00	0.26	SW	2.6	2	S
20260609.03	0.24	SW	2.5	2	NW
20260609.06	0.26	SW	2.3	4	W
20260609.09	0.29	S	2.1	3	NW
20260609.12	0.30	S	2.3	3	SW
20260609.15	0.32	SW	2.5	4	SE
20260609.18	0.39	W	2.6	6	S
20260609.21	0.43	NW	2.7	5	NE
20260610.00	0.41	NW	2.8	4	NW
20260610.03	0.35	NW	3.0	3	NW
20260610.06	0.31	NW	3.1	1	W
20260610.09	0.28	NW	3.0	1	NE
20260610.12	0.25	NW	3.0	1	SE
20260610.15	0.25	NW	2.6	3	E
20260610.18	0.34	N	2.3	5	NE
20260610.21	0.40	N	2.3	4	NE
20260611.00	0.34	NE	2.3	3	NW
20260611.03	0.32	E	2.5	2	NW
20260611.06	0.29	E	2.6	2	SE
20260611.09	0.26	E	2.7	2	S
20260611.12	0.24	E	2.7	2	NE
20260611.15	0.22	E	2.6	2	NE
20260611.18	0.21	E	2.7	1	S
20260611.21	0.20	E	2.6	2	NE
20260612.00	0.20	E	2.4	2	NW
20260612.03	0.21	E	2.1	3	W
20260612.06	0.22	E	2.0	5	SE
20260612.09	0.21	E	2.0	4	SE
20260612.12	0.22	N	1.9	3	E
20260612.15	0.23	NW	1.9	2	S
20260612.18	0.21	NW	2.0	2	SW
20260612.21	0.19	N	2.1	2	SW
20260613.00	0.18	N	2.4	2	S
20260613.03	0.17	N	2.5	2	W
20260613.06	0.19	NE	2.2	4	NW
20260613.09	0.23	E	1.9	4	W
20260613.12	0.23	E	2.0	3	NE

Wind condition in the Fetisovo

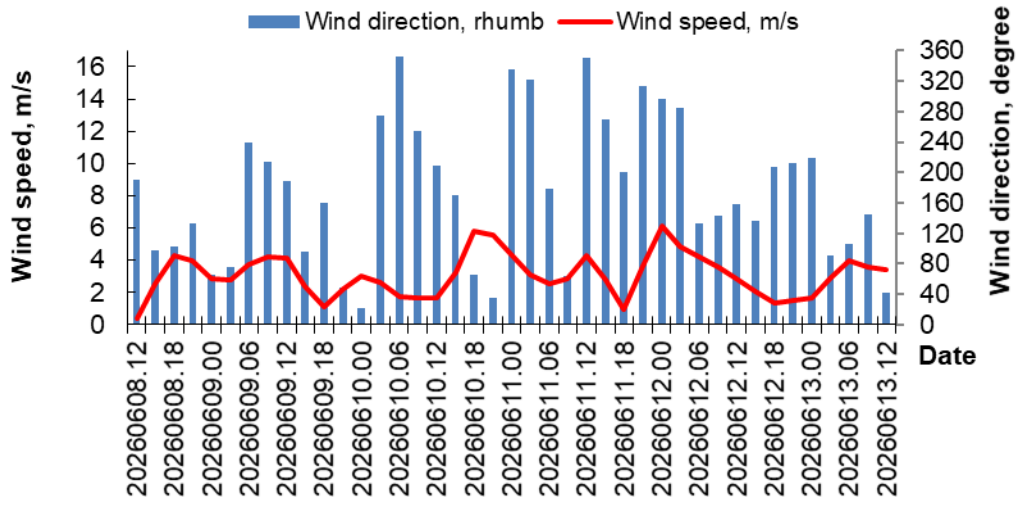


Wave condition in the Fetisovo

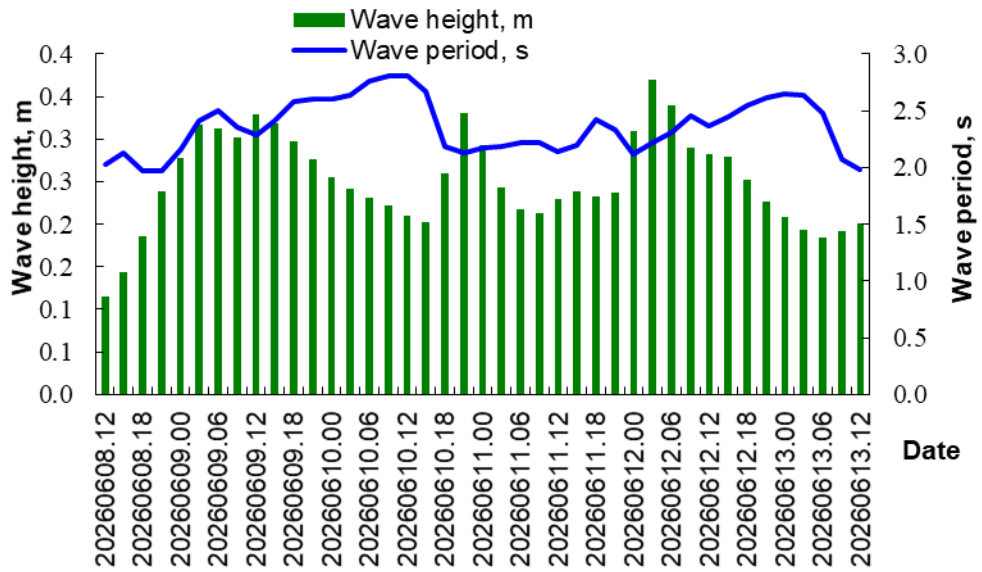


Date time	Fetisovo				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260608.12	0.16	SW	1.8	2	S
20260608.15	0.17	S	1.9	2	E
20260608.18	0.18	S	1.8	3	SE
20260608.21	0.19	SW	1.8	3	SE
20260609.00	0.20	SW	1.9	3	N
20260609.03	0.21	S	2.0	3	W
20260609.06	0.22	S	2.1	3	SW
20260609.09	0.24	SW	2.0	4	SW
20260609.12	0.30	SW	1.9	4	W
20260609.15	0.35	S	2.1	4	N
20260609.18	0.33	S	2.2	5	NE
20260609.21	0.30	SW	2.4	4	NE
20260610.00	0.30	W	2.6	3	NW
20260610.03	0.30	NW	2.8	2	NW
20260610.06	0.29	NW	3.0	2	W
20260610.09	0.28	NW	3.0	1	NW
20260610.12	0.27	NW	3.0	2	S
20260610.15	0.26	NW	2.9	3	SE
20260610.18	0.31	N	2.4	6	S
20260610.21	0.34	N	2.3	4	E
20260611.00	0.31	N	2.4	2	NW
20260611.03	0.28	N	2.5	2	SW
20260611.06	0.26	NE	2.6	3	SE
20260611.09	0.25	NE	2.5	3	SE
20260611.12	0.23	NE	2.6	2	NE
20260611.15	0.21	NE	2.6	3	S
20260611.18	0.21	NE	2.2	4	SE
20260611.21	0.22	NE	1.9	3	S
20260612.00	0.22	NE	1.9	3	W
20260612.03	0.21	NE	1.9	3	N
20260612.06	0.20	NE	1.9	3	SE
20260612.09	0.19	NE	2.0	2	SE
20260612.12	0.18	NE	2.2	1	SE
20260612.15	0.18	NE	2.3	1	SW
20260612.18	0.18	NE	2.4	2	SW
20260612.21	0.19	NE	2.4	3	SW
20260613.00	0.19	NE	2.4	3	NE
20260613.03	0.20	NE	2.3	2	NE
20260613.06	0.20	NE	2.4	2	SW
20260613.09	0.21	NE	2.5	1	SW
20260613.12	0.21	NE	2.4	3	NE

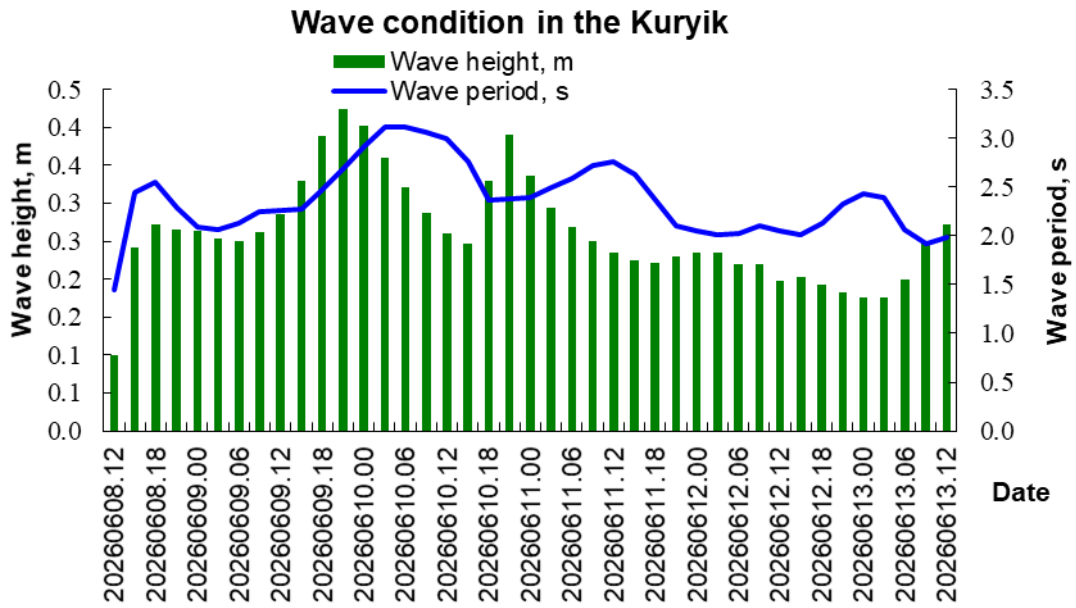
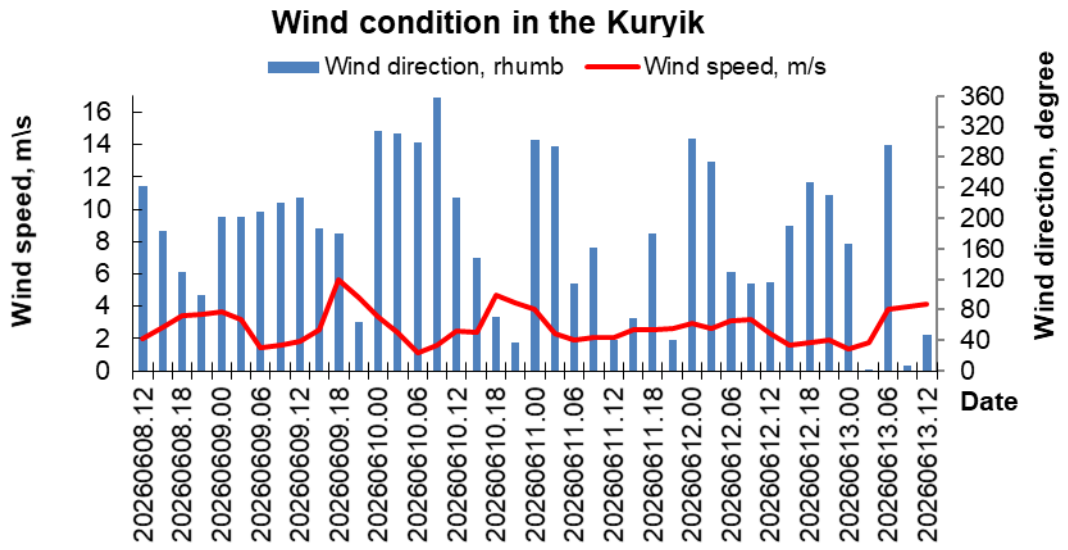
Wind condition in the Saura



Wave condition in the Saura



Date time	Saura				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260608.12	0.12	SW	2.0	0	S
20260608.15	0.14	SW	2.1	3	E
20260608.18	0.19	SW	2.0	4	E
20260608.21	0.24	SW	2.0	4	SE
20260609.00	0.28	W	2.2	3	NE
20260609.03	0.32	W	2.4	3	E
20260609.06	0.31	W	2.5	4	SW
20260609.09	0.30	SW	2.4	4	SW
20260609.12	0.33	SW	2.3	4	S
20260609.15	0.32	W	2.4	2	E
20260609.18	0.30	W	2.6	1	S
20260609.21	0.28	W	2.6	2	NE
20260610.00	0.26	NW	2.6	3	N
20260610.03	0.24	NW	2.6	3	W
20260610.06	0.23	NW	2.8	2	N
20260610.09	0.22	N	2.8	2	W
20260610.12	0.21	N	2.8	2	SW
20260610.15	0.20	N	2.7	3	S
20260610.18	0.26	N	2.2	6	NE
20260610.21	0.33	NE	2.1	6	NE
20260611.00	0.29	NE	2.2	4	NW
20260611.03	0.24	NE	2.2	3	NW
20260611.06	0.22	NE	2.2	3	S
20260611.09	0.21	NE	2.2	3	NE
20260611.12	0.23	E	2.1	4	N
20260611.15	0.24	E	2.2	3	W
20260611.18	0.23	E	2.4	1	S
20260611.21	0.24	SE	2.3	4	NW
20260612.00	0.31	SE	2.1	6	NW
20260612.03	0.37	SE	2.2	5	W
20260612.06	0.34	E	2.3	4	SE
20260612.09	0.29	E	2.5	4	SE
20260612.12	0.28	E	2.4	3	S
20260612.15	0.28	E	2.4	2	SE
20260612.18	0.25	NE	2.5	1	SW
20260612.21	0.23	NE	2.6	2	SW
20260613.00	0.21	NE	2.6	2	SW
20260613.03	0.19	NE	2.6	3	E
20260613.06	0.18	NE	2.5	4	E
20260613.09	0.19	NE	2.1	4	SE
20260613.12	0.20	NE	2.0	3	NE



Date time	Kuryk				
	Wave height, m	Wave direction, rhumb	Wave period, s	Wind speed, m/s	Wind direction, rhumb
20260608.12	0.10	SW	1.4	2	SW
20260608.15	0.24	SW	2.5	3	S
20260608.18	0.27	SW	2.5	3	SE
20260608.21	0.27	SW	2.3	4	E
20260609.00	0.26	SW	2.1	4	S
20260609.03	0.25	SW	2.1	3	S
20260609.06	0.25	SW	2.1	1	SW
20260609.09	0.26	S	2.3	2	SW
20260609.12	0.28	S	2.3	2	SW
20260609.15	0.33	SW	2.3	3	S
20260609.18	0.39	NW	2.5	6	S
20260609.21	0.42	NW	2.7	4	NE
20260610.00	0.40	NW	2.9	3	NW
20260610.03	0.36	NW	3.1	2	NW
20260610.06	0.32	NW	3.1	1	NW
20260610.09	0.29	NW	3.1	2	N
20260610.12	0.26	NW	3.0	2	SW
20260610.15	0.25	NW	2.8	2	SE
20260610.18	0.33	N	2.4	5	E
20260610.21	0.39	N	2.4	4	NE
20260611.00	0.34	NE	2.4	4	NW
20260611.03	0.29	NE	2.5	2	NW
20260611.06	0.27	NE	2.6	2	SE
20260611.09	0.25	E	2.7	2	S
20260611.12	0.23	E	2.8	2	NE
20260611.15	0.22	E	2.6	3	E
20260611.18	0.22	E	2.4	3	S
20260611.21	0.23	E	2.1	3	NE
20260612.00	0.23	E	2.1	3	NW
20260612.03	0.24	E	2.0	3	W
20260612.06	0.22	E	2.0	3	SE
20260612.09	0.22	E	2.1	3	SE
20260612.12	0.20	NE	2.1	2	SE
20260612.15	0.20	N	2.0	2	S
20260612.18	0.19	NE	2.1	2	SW
20260612.21	0.18	NE	2.3	2	SW
20260613.00	0.18	NE	2.4	1	S
20260613.03	0.18	NE	2.4	2	N
20260613.06	0.20	NE	2.1	4	NW
20260613.09	0.25	E	1.9	4	N
20260613.12	0.27	NE	2.0	4	NE

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

Compiled by: Kurmangalieva A.K.

Checked by: Eltai A.G.

RSE «Kazhydromet» – Caspian Sea Hydrometeorological Research Department

Phone. (717)2 79 83 12; E-mail: ugmikm@meteo.kz