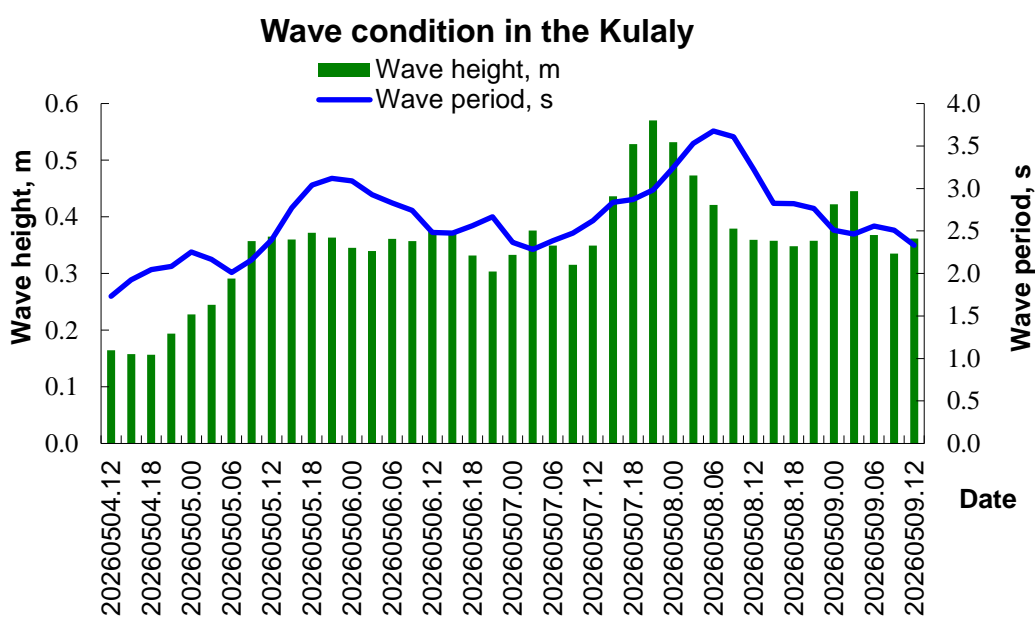
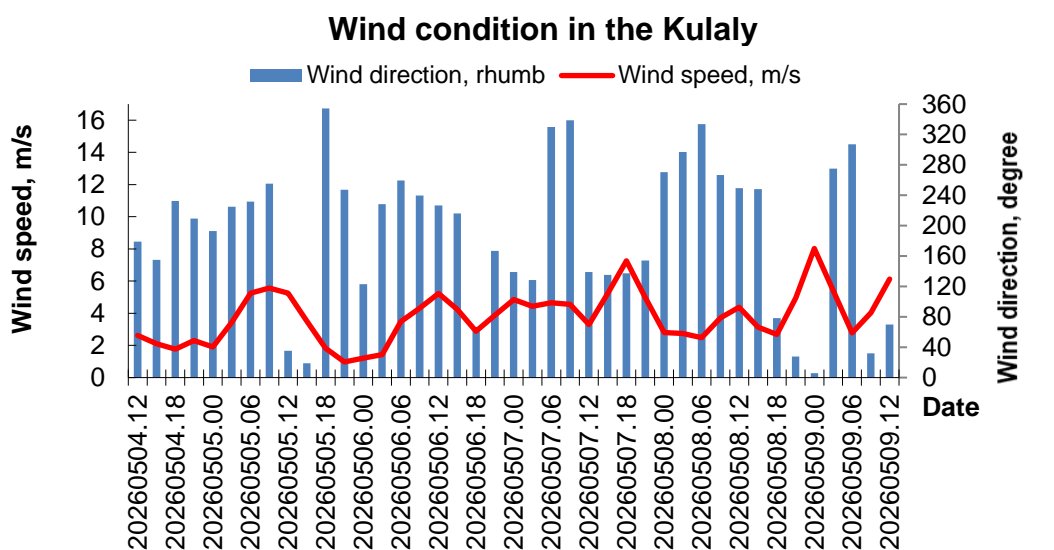




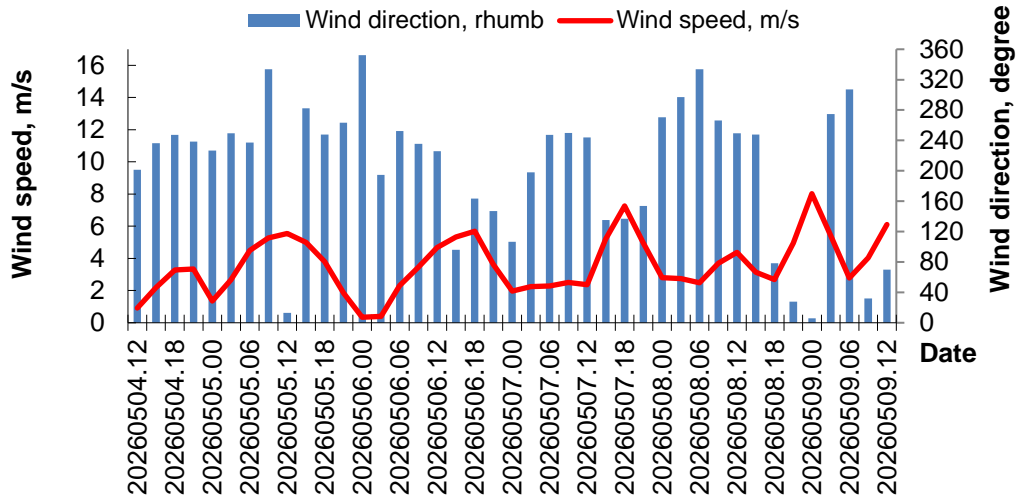
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance
using SWAN spectral model for the period May 04 -- 09, 2026 .**

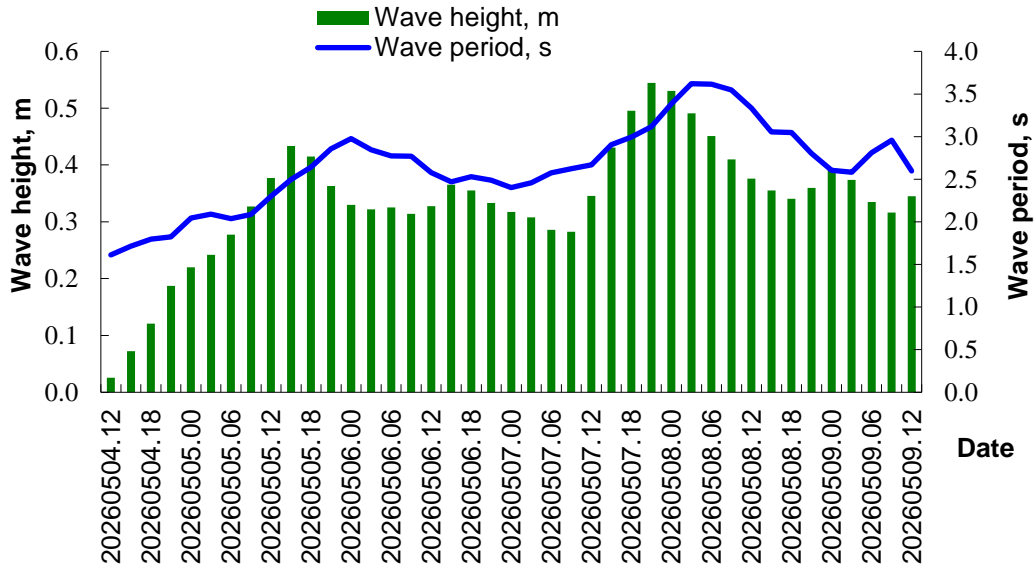


Date time	Kulaly				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260504.12	0.16	N	1.7	3	S
20260504.15	0.16	N	1.9	2	SE
20260504.18	0.16	NW	2.0	2	SW
20260504.21	0.19	W	2.1	2	SW
20260505.00	0.23	W	2.3	2	S
20260505.03	0.24	SW	2.2	3	SW
20260505.06	0.29	SW	2.0	5	SW
20260505.09	0.36	SW	2.2	6	W
20260505.12	0.37	S	2.4	5	NE
20260505.15	0.36	S	2.8	3	N
20260505.18	0.37	S	3.0	2	N
20260505.21	0.36	SE	3.1	1	SW
20260506.00	0.35	SE	3.1	1	SE
20260506.03	0.34	SE	2.9	1	SW
20260506.06	0.36	SE	2.8	3	W
20260506.09	0.36	S	2.7	4	SW
20260506.12	0.38	S	2.5	5	SW
20260506.15	0.37	SW	2.5	4	SW
20260506.18	0.33	SW	2.6	3	NE
20260506.21	0.30	SW	2.7	4	S
20260507.00	0.33	SW	2.4	5	SE
20260507.03	0.38	W	2.3	4	SE
20260507.06	0.35	W	2.4	5	NW
20260507.09	0.32	SW	2.5	5	N
20260507.12	0.35	S	2.6	3	SE
20260507.15	0.44	SW	2.8	5	SE
20260507.18	0.53	SW	2.9	7	SE
20260507.21	0.57	SW	3.0	5	SE
20260508.00	0.53	SW	3.2	3	W
20260508.03	0.47	SW	3.5	3	NW
20260508.06	0.42	SW	3.7	2	NW
20260508.09	0.38	SW	3.6	4	W
20260508.12	0.36	S	3.2	4	W
20260508.15	0.36	S	2.8	3	W
20260508.18	0.35	S	2.8	3	E
20260508.21	0.36	S	2.8	5	NE
20260509.00	0.42	SE	2.5	8	N
20260509.03	0.45	E	2.5	5	W
20260509.06	0.37	E	2.6	3	NW
20260509.09	0.34	SE	2.5	4	NE
20260509.12	0.36	E	2.3	6	E

Wind condition in the Fort-Shevchenko

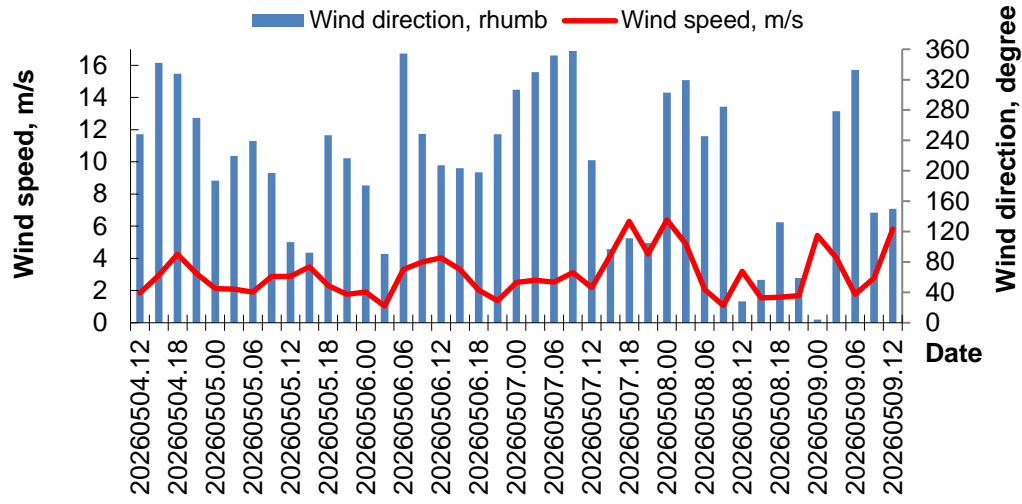


Wave condition in the Fort-Shevchenko

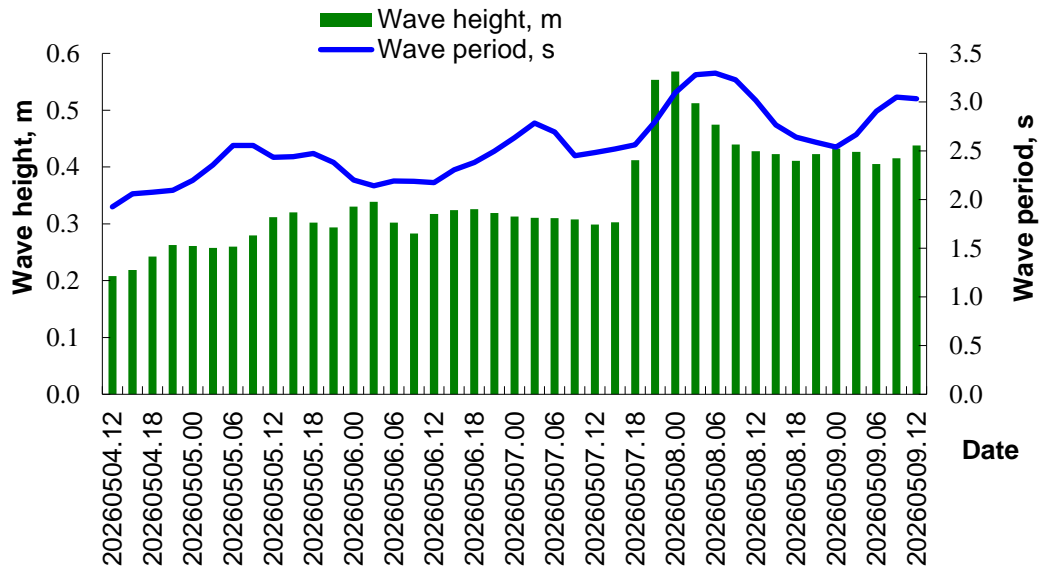


Date time	Fort-Shevchenko				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260504.12	0.03	SW	1.6	1	S
20260504.15	0.07	NE	1.7	2	SW
20260504.18	0.12	NW	1.8	3	W
20260504.21	0.19	SW	1.8	3	SW
20260505.00	0.22	SW	2.0	1	SW
20260505.03	0.24	SW	2.1	3	W
20260505.06	0.28	S	2.0	4	SW
20260505.09	0.33	S	2.1	5	NW
20260505.12	0.38	SE	2.3	6	N
20260505.15	0.43	SE	2.5	5	W
20260505.18	0.42	SE	2.6	4	W
20260505.21	0.36	SE	2.9	2	W
20260506.00	0.33	SE	3.0	0	N
20260506.03	0.32	SE	2.8	0	S
20260506.06	0.33	SE	2.8	2	W
20260506.09	0.31	S	2.8	3	SW
20260506.12	0.33	S	2.6	5	SW
20260506.15	0.37	SW	2.5	5	E
20260506.18	0.36	SW	2.5	6	S
20260506.21	0.33	SW	2.5	4	SE
20260507.00	0.32	SW	2.4	2	E
20260507.03	0.31	SW	2.5	2	S
20260507.06	0.29	SW	2.6	2	SW
20260507.09	0.28	SW	2.6	2	W
20260507.12	0.35	SW	2.7	2	SW
20260507.15	0.43	SW	2.9	5	SE
20260507.18	0.50	SW	3.0	7	SE
20260507.21	0.54	SW	3.1	5	SE
20260508.00	0.53	SW	3.4	3	W
20260508.03	0.49	SW	3.6	3	NW
20260508.06	0.45	SW	3.6	2	NW
20260508.09	0.41	SW	3.5	4	W
20260508.12	0.38	SW	3.3	4	W
20260508.15	0.36	S	3.1	3	W
20260508.18	0.34	S	3.0	3	E
20260508.21	0.36	SW	2.8	5	NE
20260509.00	0.39	S	2.6	8	N
20260509.03	0.37	SE	2.6	5	W
20260509.06	0.34	S	2.8	3	NW
20260509.09	0.32	S	3.0	4	NE
20260509.12	0.35	E	2.6	6	E

Wind condition in the Aktau

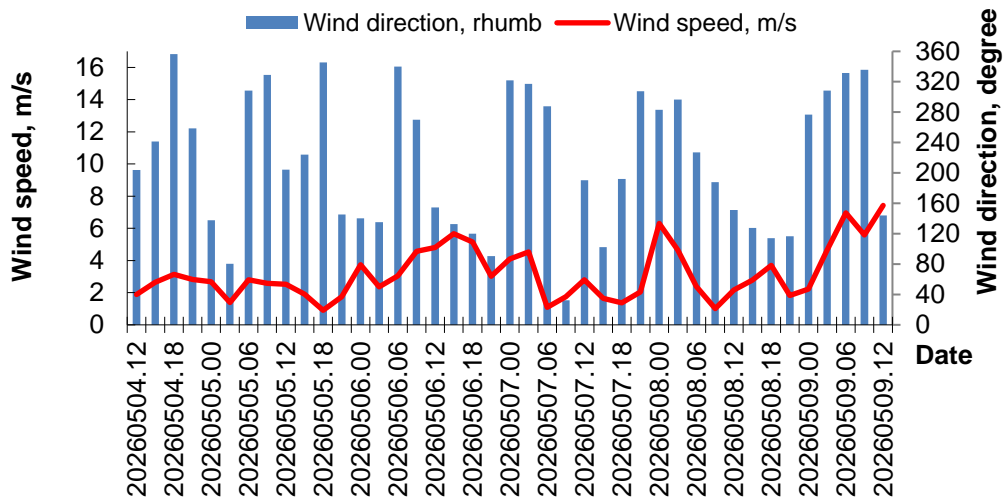


Wave condition in the Aktau

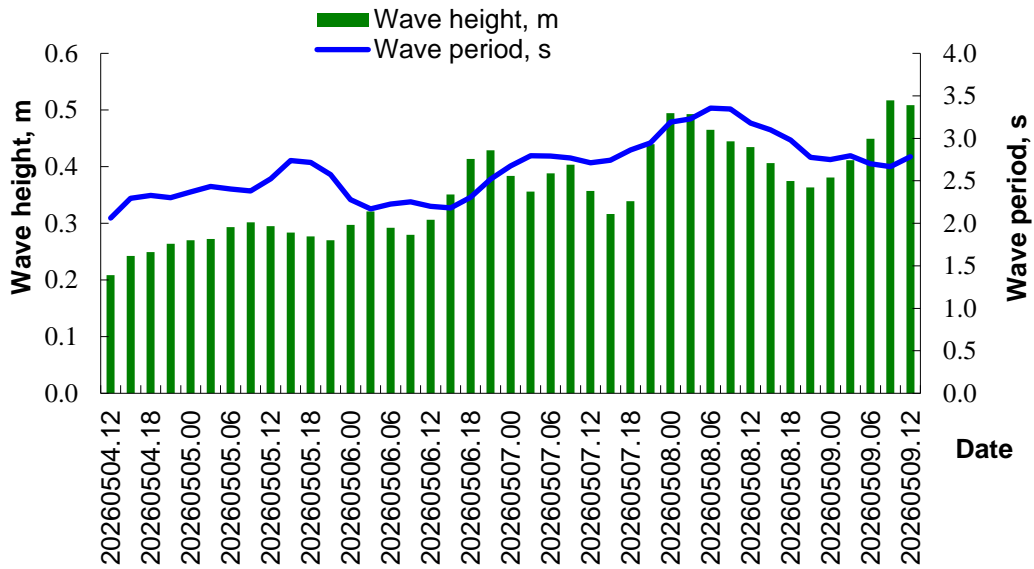


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260504.12	0.21	S	1.9	2	W
20260504.15	0.22	SW	2.1	3	N
20260504.18	0.24	S	2.1	4	NW
20260504.21	0.26	S	2.1	3	W
20260505.00	0.26	S	2.2	2	S
20260505.03	0.26	S	2.4	2	SW
20260505.06	0.26	S	2.6	2	SW
20260505.09	0.28	S	2.6	3	S
20260505.12	0.31	S	2.4	3	E
20260505.15	0.32	S	2.4	3	E
20260505.18	0.30	SW	2.5	2	SW
20260505.21	0.29	S	2.4	2	SW
20260506.00	0.33	SW	2.2	2	S
20260506.03	0.34	SW	2.1	1	E
20260506.06	0.30	SW	2.2	3	N
20260506.09	0.28	SW	2.2	4	W
20260506.12	0.32	SW	2.2	4	SW
20260506.15	0.32	SW	2.3	3	SW
20260506.18	0.33	SW	2.4	2	S
20260506.21	0.32	SW	2.5	1	W
20260507.00	0.31	SW	2.6	3	NW
20260507.03	0.31	W	2.8	3	NW
20260507.06	0.31	W	2.7	3	N
20260507.09	0.31	W	2.5	3	N
20260507.12	0.30	SW	2.5	2	SW
20260507.15	0.30	SW	2.5	4	E
20260507.18	0.41	W	2.6	6	E
20260507.21	0.55	W	2.8	4	E
20260508.00	0.57	W	3.1	6	NW
20260508.03	0.51	SW	3.3	5	NW
20260508.06	0.47	SW	3.3	2	SW
20260508.09	0.44	SW	3.2	1	W
20260508.12	0.43	SW	3.0	3	NE
20260508.15	0.42	S	2.8	2	NE
20260508.18	0.41	SW	2.6	2	SE
20260508.21	0.42	W	2.6	2	NE
20260509.00	0.43	W	2.5	5	N
20260509.03	0.43	N	2.7	4	W
20260509.06	0.41	W	2.9	2	NW
20260509.09	0.42	S	3.1	3	SE
20260509.12	0.44	S	3.0	6	SE

Wind condition in the Peschanyi

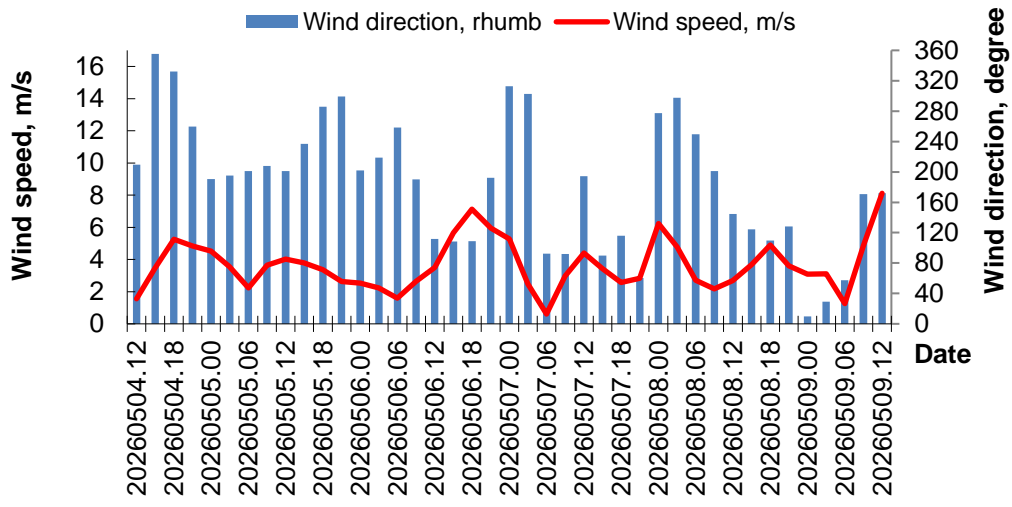


Wave condition in the Peschanyi

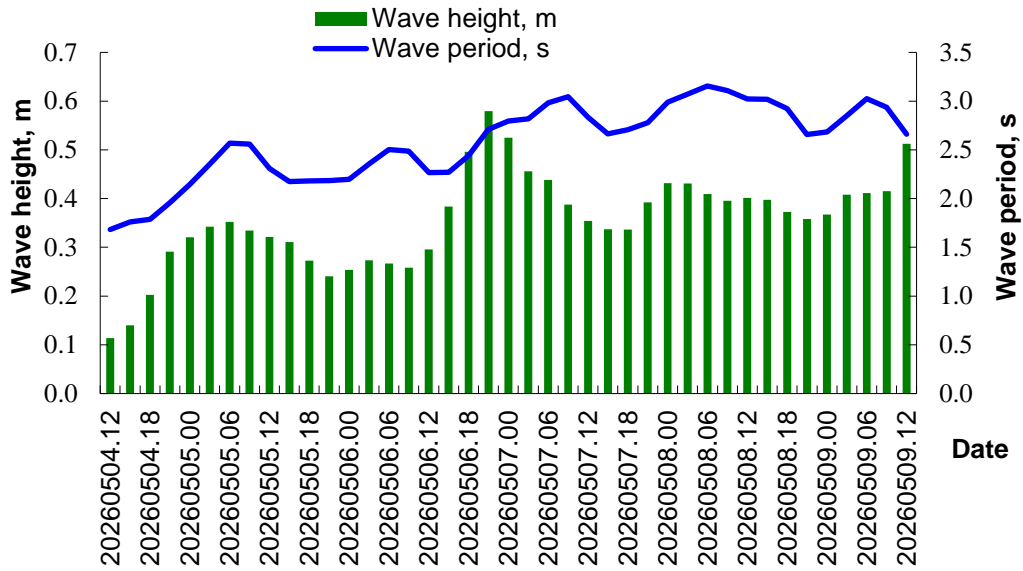


Date time	Peschanyi (Isan)				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260504.12	0.21	SW	2.1	2	SW
20260504.15	0.24	SW	2.3	3	SW
20260504.18	0.25	S	2.3	3	N
20260504.21	0.26	S	2.3	3	W
20260505.00	0.27	S	2.4	3	SE
20260505.03	0.27	S	2.4	1	E
20260505.06	0.29	S	2.4	3	NW
20260505.09	0.30	S	2.4	3	NW
20260505.12	0.30	S	2.5	3	SW
20260505.15	0.28	S	2.7	2	SW
20260505.18	0.28	S	2.7	1	N
20260505.21	0.27	S	2.6	2	SE
20260506.00	0.30	SW	2.3	4	SE
20260506.03	0.32	SW	2.2	2	SE
20260506.06	0.29	SW	2.2	3	N
20260506.09	0.28	S	2.3	5	W
20260506.12	0.31	SW	2.2	5	SE
20260506.15	0.35	W	2.2	6	SE
20260506.18	0.41	W	2.3	5	SE
20260506.21	0.43	W	2.5	3	E
20260507.00	0.38	W	2.7	4	NW
20260507.03	0.36	W	2.8	5	NW
20260507.06	0.39	SW	2.8	1	W
20260507.09	0.40	SW	2.8	2	NE
20260507.12	0.36	SW	2.7	3	S
20260507.15	0.32	SW	2.7	2	E
20260507.18	0.34	W	2.9	1	S
20260507.21	0.44	W	2.9	2	NW
20260508.00	0.49	W	3.2	6	W
20260508.03	0.49	SW	3.2	5	NW
20260508.06	0.47	SW	3.4	2	SW
20260508.09	0.44	SW	3.3	1	S
20260508.12	0.43	SW	3.2	2	SE
20260508.15	0.41	S	3.1	3	SE
20260508.18	0.37	SW	3.0	4	SE
20260508.21	0.36	W	2.8	2	SE
20260509.00	0.38	NW	2.7	2	W
20260509.03	0.41	N	2.8	5	NW
20260509.06	0.45	E	2.7	7	NW
20260509.09	0.52	SE	2.7	6	NW
20260509.12	0.51	SE	2.8	7	SE

Wind condition in the Fetisovo

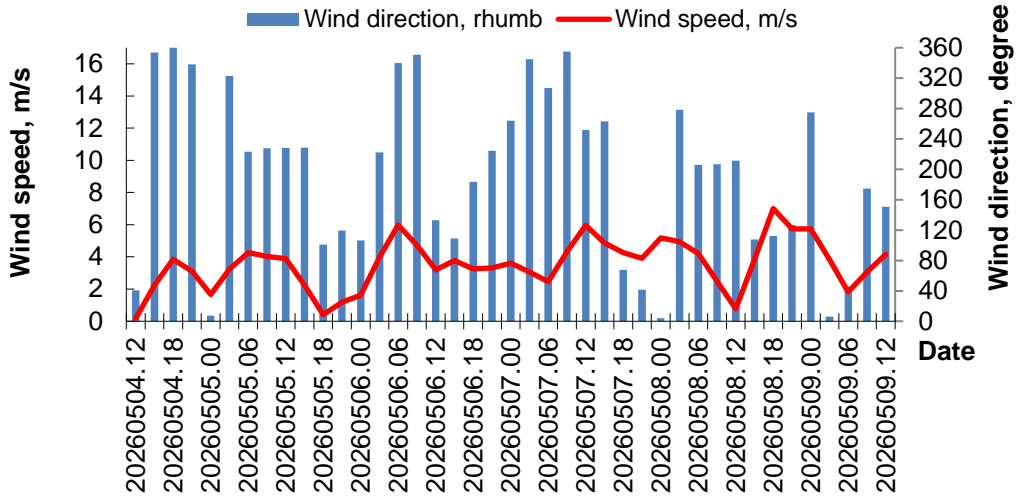


Wave condition in the Fetisovo

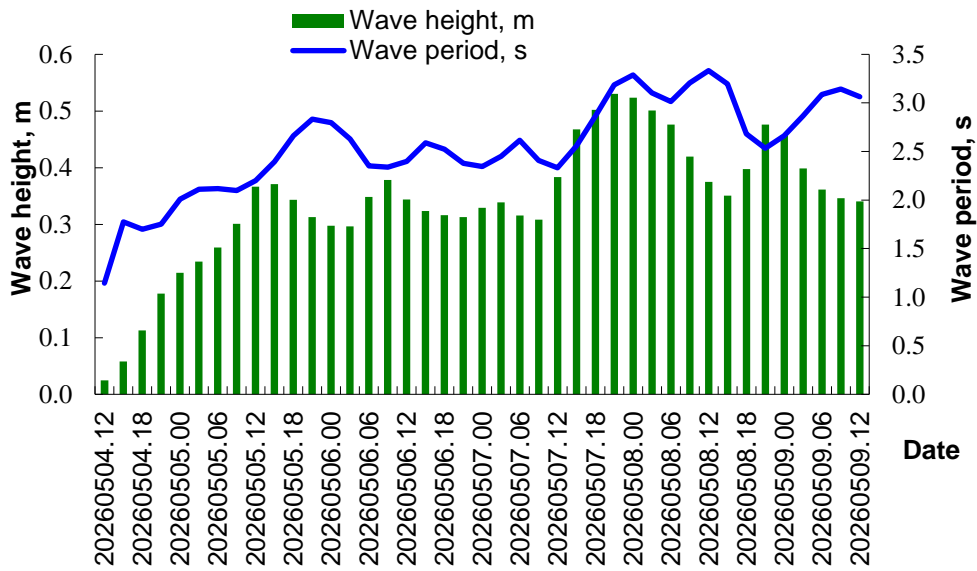


Date time	Fetisovo				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260504.12	0.11	SW	1.7	2	SW
20260504.15	0.14	S	1.8	3	N
20260504.18	0.20	S	1.8	5	NW
20260504.21	0.29	S	2.0	5	W
20260505.00	0.32	S	2.1	5	S
20260505.03	0.34	SW	2.4	4	S
20260505.06	0.35	SW	2.6	2	S
20260505.09	0.33	SW	2.6	4	SW
20260505.12	0.32	SW	2.3	4	S
20260505.15	0.31	SW	2.2	4	SW
20260505.18	0.27	SW	2.2	3	W
20260505.21	0.24	SW	2.2	3	NW
20260506.00	0.25	SW	2.2	3	S
20260506.03	0.27	SW	2.4	2	SW
20260506.06	0.27	SW	2.5	2	W
20260506.09	0.26	SW	2.5	3	S
20260506.12	0.30	SW	2.3	4	E
20260506.15	0.38	W	2.3	6	E
20260506.18	0.50	W	2.4	7	E
20260506.21	0.58	W	2.7	6	S
20260507.00	0.52	W	2.8	5	NW
20260507.03	0.46	W	2.8	2	NW
20260507.06	0.44	NW	3.0	1	E
20260507.09	0.39	NW	3.0	3	E
20260507.12	0.35	NW	2.8	4	S
20260507.15	0.34	W	2.7	3	E
20260507.18	0.34	W	2.7	3	SE
20260507.21	0.39	W	2.8	3	NE
20260508.00	0.43	W	3.0	6	W
20260508.03	0.43	W	3.1	5	NW
20260508.06	0.41	W	3.2	3	W
20260508.09	0.40	W	3.1	2	S
20260508.12	0.40	W	3.0	3	SE
20260508.15	0.40	NE	3.0	4	SE
20260508.18	0.37	N	2.9	5	E
20260508.21	0.36	NW	2.7	4	SE
20260509.00	0.37	NW	2.7	3	N
20260509.03	0.41	N	2.9	3	NE
20260509.06	0.41	N	3.0	1	NE
20260509.09	0.42	NW	2.9	5	S
20260509.12	0.51	NW	2.7	8	S

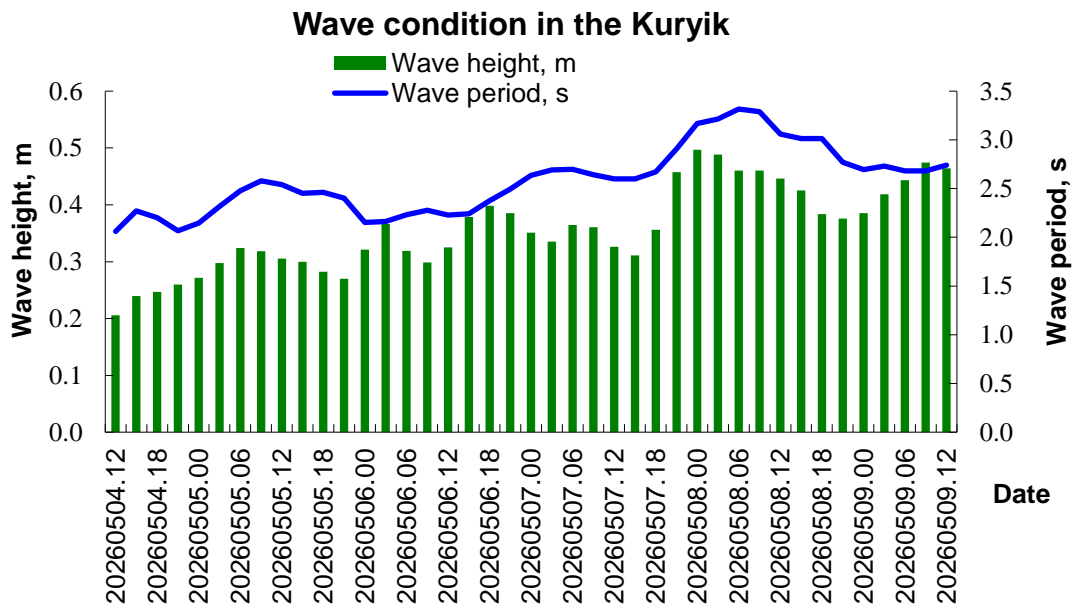
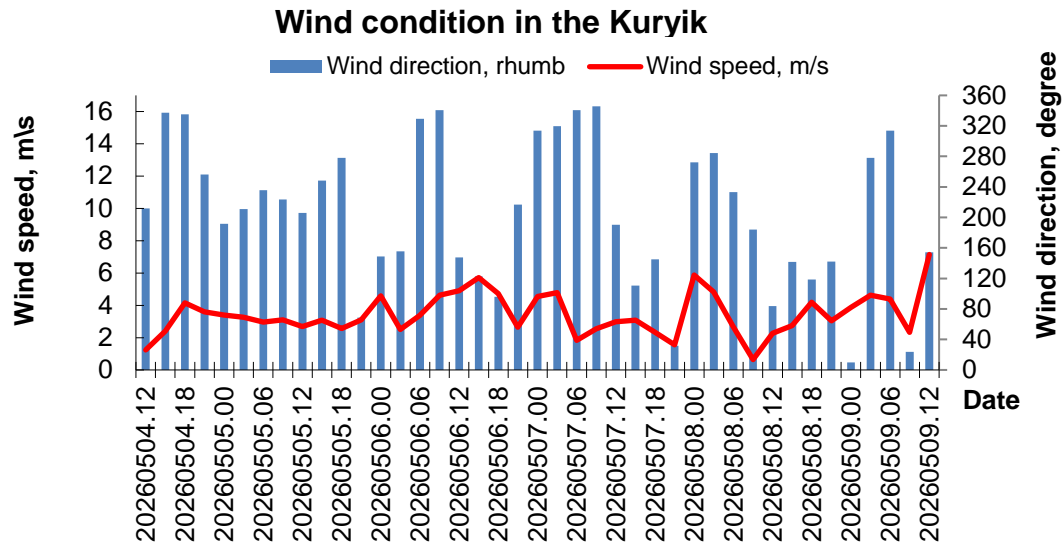
Wind condition in the Saura



Wave condition in the Saura



Date time	Saura				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260504.12	0.02	S	1.1	0	NE
20260504.15	0.06	NE	1.8	2	N
20260504.18	0.11	S	1.7	4	N
20260504.21	0.18	S	1.8	3	N
20260505.00	0.21	S	2.0	2	N
20260505.03	0.23	S	2.1	3	NW
20260505.06	0.26	S	2.1	4	SW
20260505.09	0.30	S	2.1	4	SW
20260505.12	0.37	SW	2.2	4	SW
20260505.15	0.37	S	2.4	2	SW
20260505.18	0.34	SE	2.7	0	E
20260505.21	0.31	SE	2.8	1	SE
20260506.00	0.30	S	2.8	2	E
20260506.03	0.30	S	2.6	4	SW
20260506.06	0.35	S	2.4	6	N
20260506.09	0.38	S	2.3	5	N
20260506.12	0.34	S	2.4	3	SE
20260506.15	0.32	SW	2.6	4	E
20260506.18	0.32	SW	2.5	3	S
20260506.21	0.31	SW	2.4	3	SW
20260507.00	0.33	SW	2.3	4	W
20260507.03	0.34	SW	2.5	3	N
20260507.06	0.32	SW	2.6	2	NW
20260507.09	0.31	SW	2.4	4	N
20260507.12	0.38	S	2.3	6	W
20260507.15	0.47	S	2.6	5	W
20260507.18	0.50	SW	2.9	4	E
20260507.21	0.53	SW	3.2	4	NE
20260508.00	0.52	SW	3.3	5	N
20260508.03	0.50	SW	3.1	5	W
20260508.06	0.48	SW	3.0	4	SW
20260508.09	0.42	SW	3.2	2	SW
20260508.12	0.37	SW	3.3	1	SW
20260508.15	0.35	SW	3.2	4	E
20260508.18	0.40	SW	2.7	7	E
20260508.21	0.48	W	2.5	6	SE
20260509.00	0.46	W	2.7	6	W
20260509.03	0.40	W	2.9	4	N
20260509.06	0.36	W	3.1	2	NE
20260509.09	0.35	SW	3.1	3	S
20260509.12	0.34	SW	3.1	4	SE



Date time	Kuryk				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260504.12	0.21	SW	2.1	1	SW
20260504.15	0.24	S	2.3	2	NW
20260504.18	0.25	S	2.2	4	NW
20260504.21	0.26	S	2.1	4	W
20260505.00	0.27	S	2.1	3	S
20260505.03	0.30	SW	2.3	3	SW
20260505.06	0.32	S	2.5	3	SW
20260505.09	0.32	S	2.6	3	SW
20260505.12	0.31	S	2.5	3	SW
20260505.15	0.30	S	2.5	3	W
20260505.18	0.28	SW	2.5	3	W
20260505.21	0.27	SW	2.4	3	E
20260506.00	0.32	SW	2.2	5	SE
20260506.03	0.37	W	2.2	3	SE
20260506.06	0.32	W	2.2	3	NW
20260506.09	0.30	S	2.3	5	N
20260506.12	0.33	SW	2.2	5	SE
20260506.15	0.38	W	2.2	6	SE
20260506.18	0.40	W	2.4	5	E
20260506.21	0.39	W	2.5	3	SW
20260507.00	0.35	W	2.6	5	NW
20260507.03	0.34	W	2.7	5	NW
20260507.06	0.36	W	2.7	2	N
20260507.09	0.36	W	2.6	3	N
20260507.12	0.33	W	2.6	3	S
20260507.15	0.31	W	2.6	3	E
20260507.18	0.36	W	2.7	2	SE
20260507.21	0.46	W	2.9	2	NE
20260508.00	0.50	W	3.2	6	W
20260508.03	0.49	W	3.2	5	W
20260508.06	0.46	SW	3.3	3	SW
20260508.09	0.46	SW	3.3	1	S
20260508.12	0.45	S	3.1	2	E
20260508.15	0.43	E	3.0	3	SE
20260508.18	0.38	S	3.0	4	SE
20260508.21	0.38	W	2.8	3	SE
20260509.00	0.39	NW	2.7	4	N
20260509.03	0.42	N	2.7	5	W
20260509.06	0.44	NE	2.7	4	NW
20260509.09	0.47	E	2.7	2	NE
20260509.12	0.46	NE	2.7	7	SE

**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.

Checked by: Kurmangalieva A.

RSE «Kazhydromet» – Caspian Sea Hydrometeorological Research Department

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