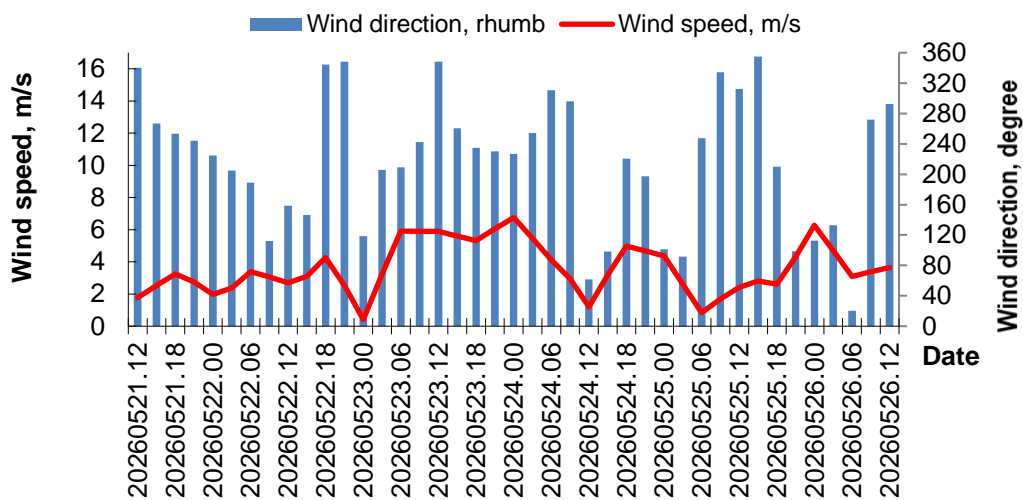




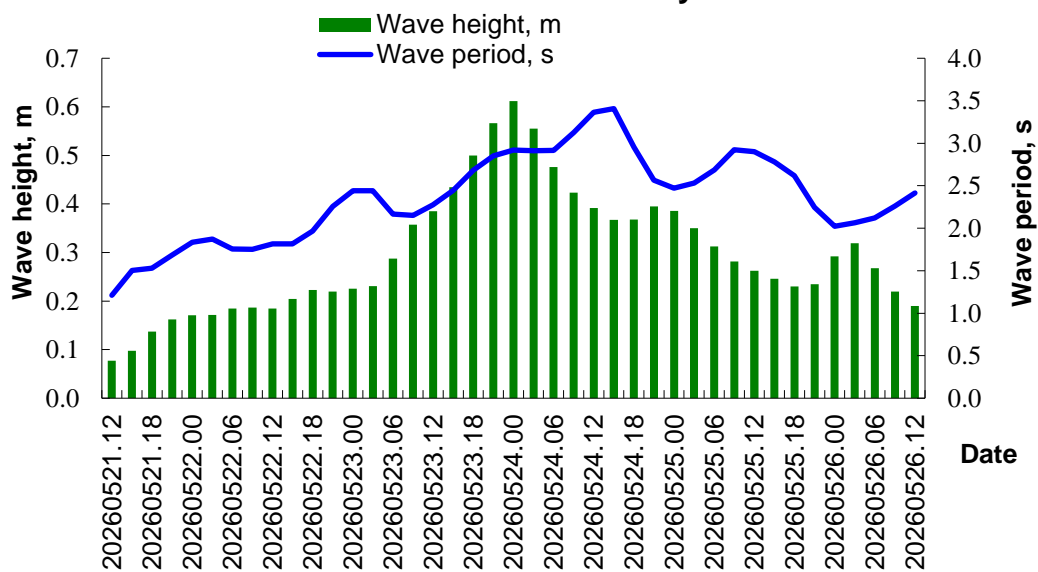
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES  
OF THE REPUBLIC OF KAZAKHSTAN  
RSE «KAZHYDROMET»**

**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 21 -- 26, 2026 .**

**Wind condition in the Kulaly**

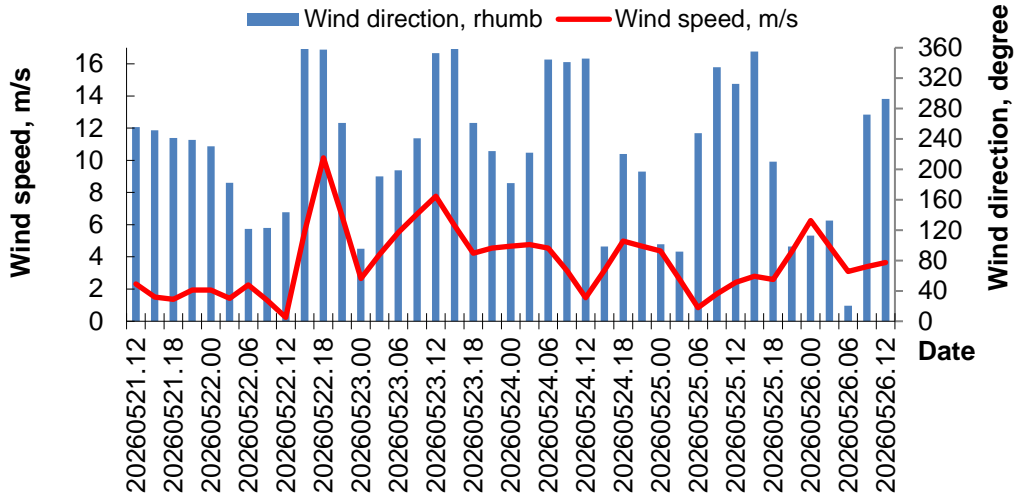


**Wave condition in the Kulaly**

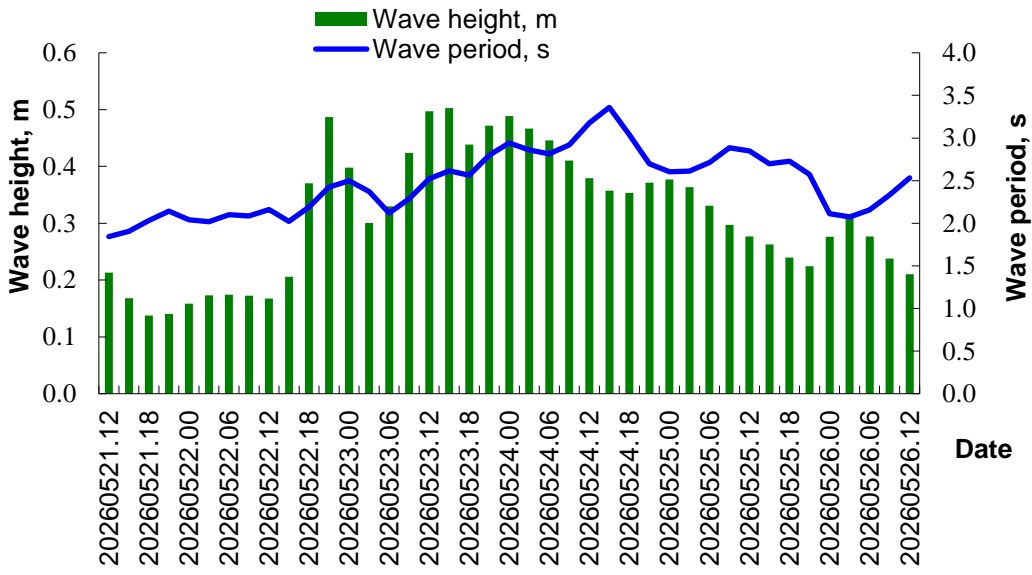


Date time	Kulaly				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260521.12	0.08	S	1.2	2	N
20260521.15	0.10	S	1.5	3	W
20260521.18	0.14	S	1.5	3	W
20260521.21	0.16	S	1.7	3	SW
20260522.00	0.17	SW	1.8	2	SW
20260522.03	0.17	SW	1.9	2	SW
20260522.06	0.18	SW	1.8	3	S
20260522.09	0.19	SW	1.8	3	E
20260522.12	0.18	W	1.8	3	S
20260522.15	0.20	W	1.8	3	SE
20260522.18	0.22	W	2.0	4	N
20260522.21	0.22	SW	2.3	3	N
20260523.00	0.23	SW	2.4	0	SE
20260523.03	0.23	SW	2.4	3	SW
20260523.06	0.29	SW	2.2	6	SW
20260523.09	0.36	SW	2.2	6	SW
20260523.12	0.39	SW	2.3	6	N
20260523.15	0.43	S	2.4	6	W
20260523.18	0.50	S	2.7	5	SW
20260523.21	0.57	SW	2.9	6	SW
20260524.00	0.61	SW	2.9	7	SW
20260524.03	0.56	SW	2.9	5	W
20260524.06	0.48	SW	2.9	4	NW
20260524.09	0.42	SW	3.1	3	NW
20260524.12	0.39	SW	3.4	1	NE
20260524.15	0.37	SW	3.4	3	E
20260524.18	0.37	SW	3.0	5	SW
20260524.21	0.39	SW	2.6	5	S
20260525.00	0.39	SW	2.5	4	E
20260525.03	0.35	SW	2.5	3	E
20260525.06	0.31	SW	2.7	1	W
20260525.09	0.28	SW	2.9	2	NW
20260525.12	0.26	SW	2.9	2	NW
20260525.15	0.25	SW	2.8	3	N
20260525.18	0.23	SW	2.6	3	SW
20260525.21	0.23	SW	2.2	4	E
20260526.00	0.29	W	2.0	6	SE
20260526.03	0.32	W	2.1	5	SE
20260526.06	0.27	W	2.1	3	N
20260526.09	0.22	W	2.3	3	W
20260526.12	0.19	SW	2.4	4	NW

### Wind condition in the Fort-Shevchenko

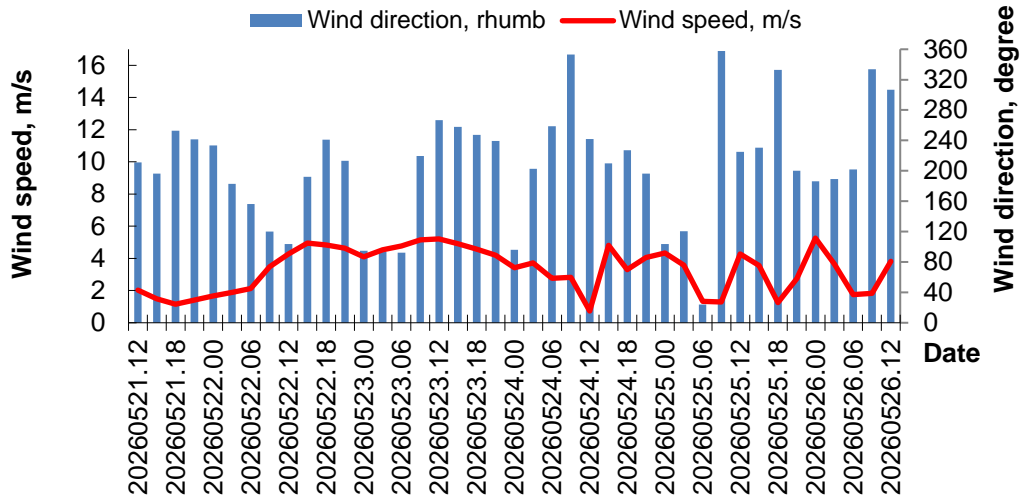


### Wave condition in the Fort-Shevchenko

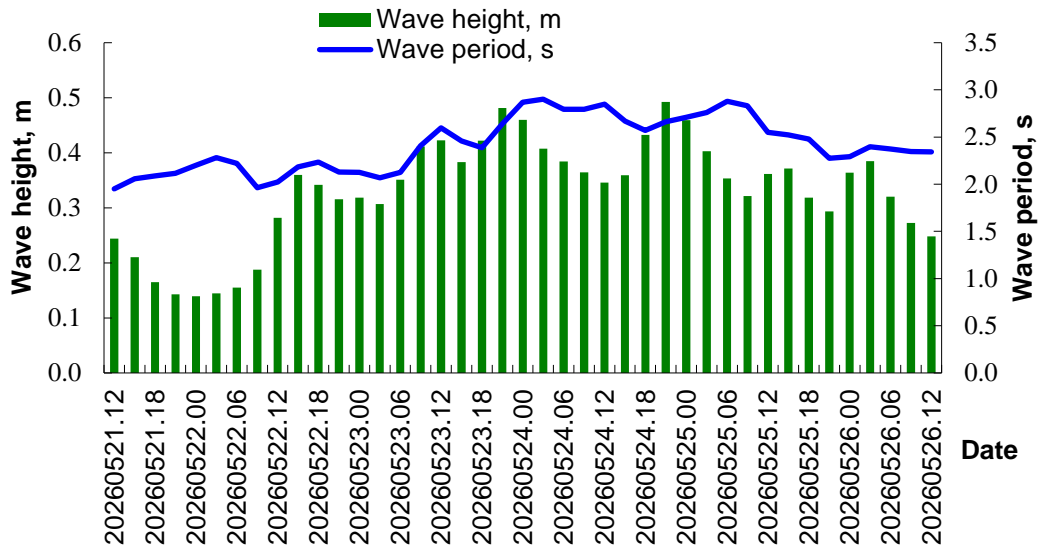


Date time	Fort-Shevchenko				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260521.12	0.21	S	1.8	2	W
20260521.15	0.17	S	1.9	2	W
20260521.18	0.14	S	2.0	1	SW
20260521.21	0.14	SW	2.1	2	SW
20260522.00	0.16	SW	2.0	2	SW
20260522.03	0.17	SW	2.0	1	S
20260522.06	0.17	SW	2.1	2	SE
20260522.09	0.17	SW	2.1	1	SE
20260522.12	0.17	SW	2.2	0	SE
20260522.15	0.21	SW	2.0	6	N
20260522.18	0.37	S	2.2	10	N
20260522.21	0.49	S	2.4	7	W
20260523.00	0.40	S	2.5	3	E
20260523.03	0.30	SW	2.4	4	S
20260523.06	0.33	SW	2.1	6	S
20260523.09	0.42	SW	2.3	7	SW
20260523.12	0.50	SW	2.5	8	N
20260523.15	0.50	S	2.6	6	N
20260523.18	0.44	SW	2.6	4	W
20260523.21	0.47	SW	2.8	5	SW
20260524.00	0.49	SW	2.9	5	S
20260524.03	0.47	SW	2.9	5	SW
20260524.06	0.45	SW	2.8	5	N
20260524.09	0.41	SW	2.9	3	N
20260524.12	0.38	SW	3.2	1	N
20260524.15	0.36	SW	3.4	3	E
20260524.18	0.35	SW	3.0	5	SW
20260524.21	0.37	SW	2.7	5	S
20260525.00	0.38	SW	2.6	4	E
20260525.03	0.36	SW	2.6	3	E
20260525.06	0.33	SW	2.7	1	W
20260525.09	0.30	SW	2.9	2	NW
20260525.12	0.28	SW	2.8	2	NW
20260525.15	0.26	SW	2.7	3	N
20260525.18	0.24	SW	2.7	3	SW
20260525.21	0.22	SW	2.6	4	E
20260526.00	0.28	W	2.1	6	SE
20260526.03	0.31	W	2.1	5	SE
20260526.06	0.28	W	2.2	3	N
20260526.09	0.24	W	2.3	3	W
20260526.12	0.21	W	2.5	4	NW

### Wind condition in the Aktau

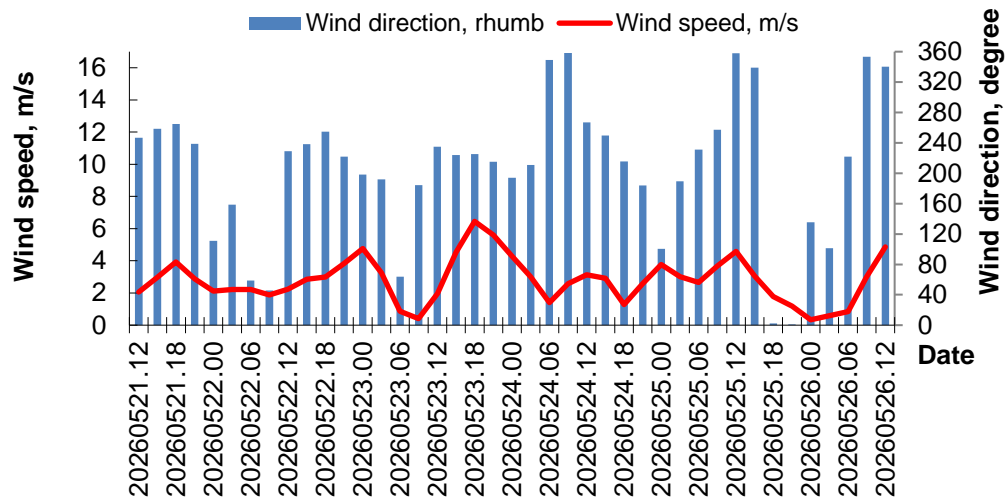


### Wave condition in the Aktau

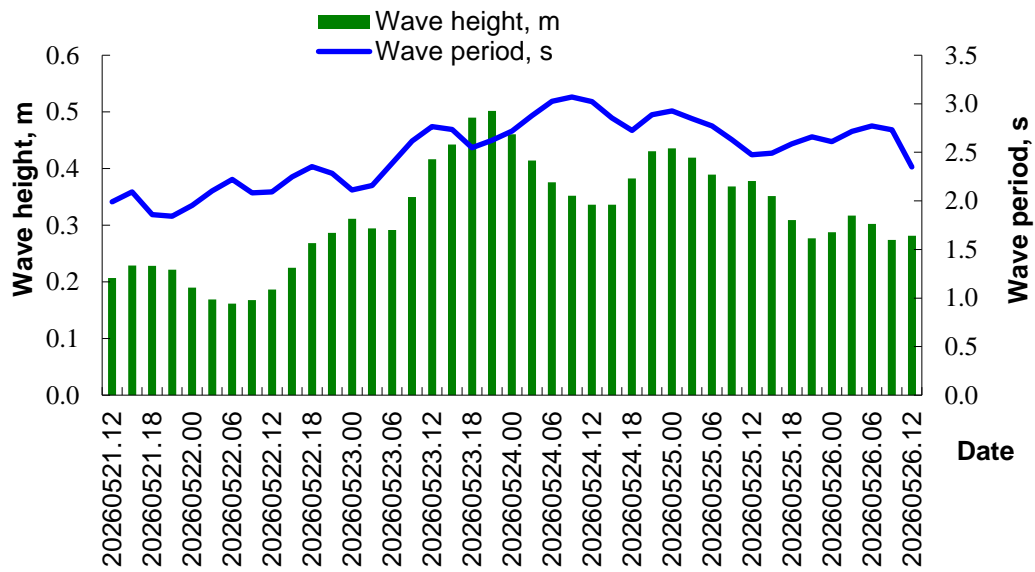


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260521.12	0.24	SW	2.0	2	SW
20260521.15	0.21	SW	2.1	1	S
20260521.18	0.16	SW	2.1	1	W
20260521.21	0.14	SW	2.1	1	SW
20260522.00	0.14	SW	2.2	2	SW
20260522.03	0.14	SW	2.3	2	S
20260522.06	0.16	SW	2.2	2	SE
20260522.09	0.19	W	2.0	3	SE
20260522.12	0.28	W	2.0	4	E
20260522.15	0.36	W	2.2	5	S
20260522.18	0.34	SW	2.2	5	SW
20260522.21	0.32	SW	2.1	5	SW
20260523.00	0.32	SW	2.1	4	E
20260523.03	0.31	W	2.1	5	E
20260523.06	0.35	W	2.1	5	E
20260523.09	0.41	W	2.4	5	SW
20260523.12	0.42	SW	2.6	5	W
20260523.15	0.38	SW	2.5	5	W
20260523.18	0.42	SW	2.4	5	SW
20260523.21	0.48	SW	2.6	4	SW
20260524.00	0.46	SW	2.9	3	E
20260524.03	0.41	SW	2.9	4	SW
20260524.06	0.38	SW	2.8	3	W
20260524.09	0.36	SW	2.8	3	N
20260524.12	0.35	SW	2.8	1	SW
20260524.15	0.36	SW	2.7	5	SW
20260524.18	0.43	SW	2.6	3	SW
20260524.21	0.49	SW	2.7	4	S
20260525.00	0.46	SW	2.7	4	E
20260525.03	0.40	SW	2.8	4	SE
20260525.06	0.35	SW	2.9	1	NE
20260525.09	0.32	SW	2.8	1	N
20260525.12	0.36	SW	2.5	4	SW
20260525.15	0.37	SW	2.5	4	SW
20260525.18	0.32	SW	2.5	1	NW
20260525.21	0.29	SW	2.3	3	S
20260526.00	0.36	SW	2.3	5	S
20260526.03	0.38	W	2.4	4	S
20260526.06	0.32	W	2.4	2	S
20260526.09	0.27	SW	2.3	2	NW
20260526.12	0.25	SW	2.3	4	NW

### Wind condition in the Peschanyi

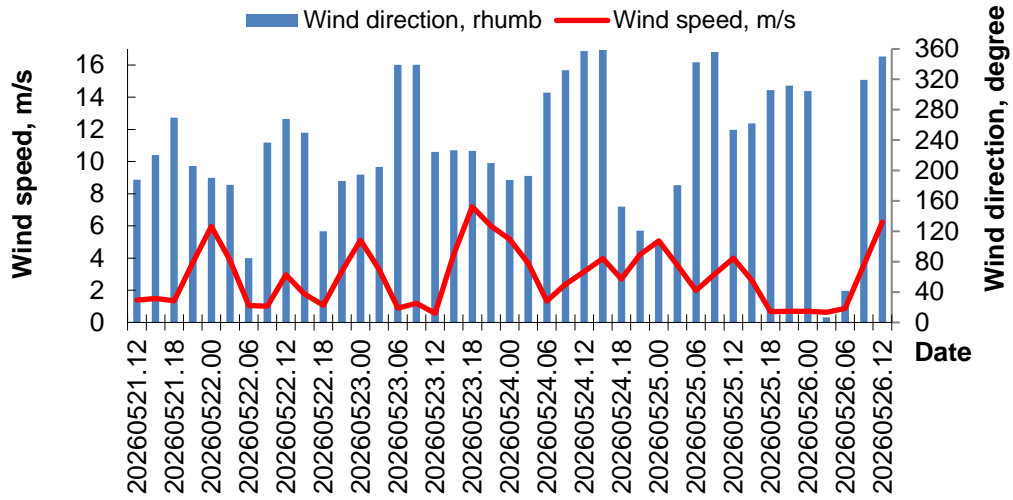


### Wave condition in the Peschanyi

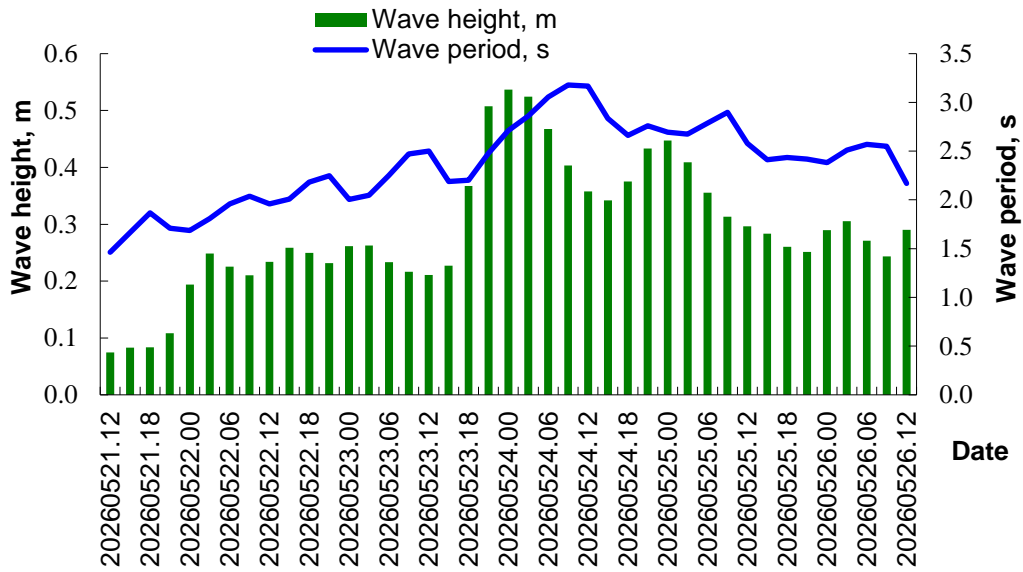


Date time	Peschanyi (Isan)				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260521.12	0.21	SW	2.0	2	SW
20260521.15	0.23	SW	2.1	3	W
20260521.18	0.23	SW	1.9	4	W
20260521.21	0.22	SW	1.8	3	SW
20260522.00	0.19	SW	2.0	2	E
20260522.03	0.17	SW	2.1	2	S
20260522.06	0.16	SW	2.2	2	NE
20260522.09	0.17	SW	2.1	2	NE
20260522.12	0.19	W	2.1	2	SW
20260522.15	0.22	W	2.2	3	SW
20260522.18	0.27	W	2.4	3	W
20260522.21	0.29	SW	2.3	4	SW
20260523.00	0.31	SW	2.1	5	S
20260523.03	0.29	SW	2.2	3	S
20260523.06	0.29	W	2.4	1	NE
20260523.09	0.35	W	2.6	0	S
20260523.12	0.42	SW	2.8	2	SW
20260523.15	0.44	SW	2.7	5	SW
20260523.18	0.49	SW	2.5	6	SW
20260523.21	0.50	SW	2.6	6	SW
20260524.00	0.46	SW	2.7	4	S
20260524.03	0.41	SW	2.9	3	SW
20260524.06	0.38	SW	3.0	1	N
20260524.09	0.35	SW	3.1	3	N
20260524.12	0.34	SW	3.0	3	W
20260524.15	0.34	SW	2.9	3	W
20260524.18	0.38	SW	2.7	1	SW
20260524.21	0.43	SW	2.9	3	S
20260525.00	0.44	SW	2.9	4	E
20260525.03	0.42	SW	2.8	3	S
20260525.06	0.39	SW	2.8	3	SW
20260525.09	0.37	SW	2.6	4	W
20260525.12	0.38	SW	2.5	5	N
20260525.15	0.35	SW	2.5	3	N
20260525.18	0.31	SW	2.6	2	N
20260525.21	0.28	SW	2.7	1	N
20260526.00	0.29	SW	2.6	0	SE
20260526.03	0.32	SW	2.7	1	E
20260526.06	0.30	W	2.8	1	SW
20260526.09	0.27	SW	2.7	3	N
20260526.12	0.28	SW	2.3	5	N

### Wind condition in the Fetisovo

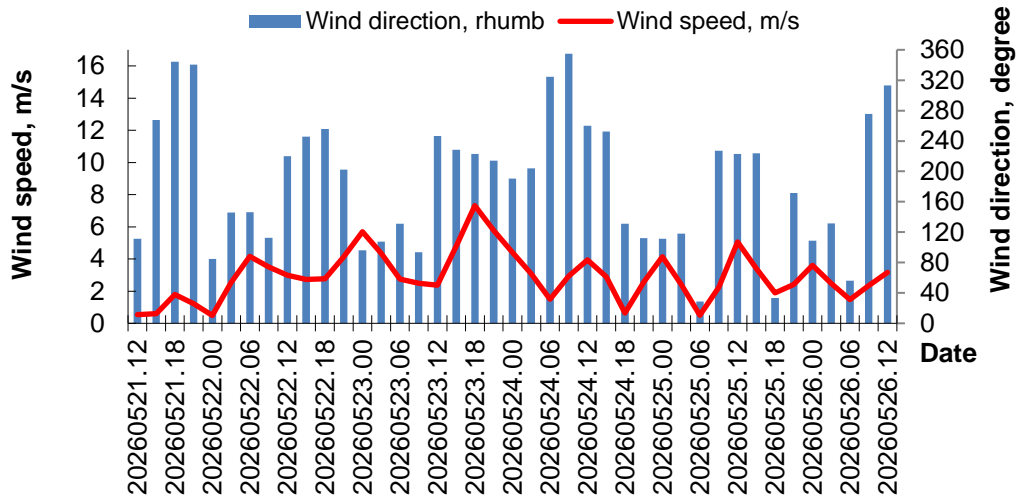


### Wave condition in the Fetisovo

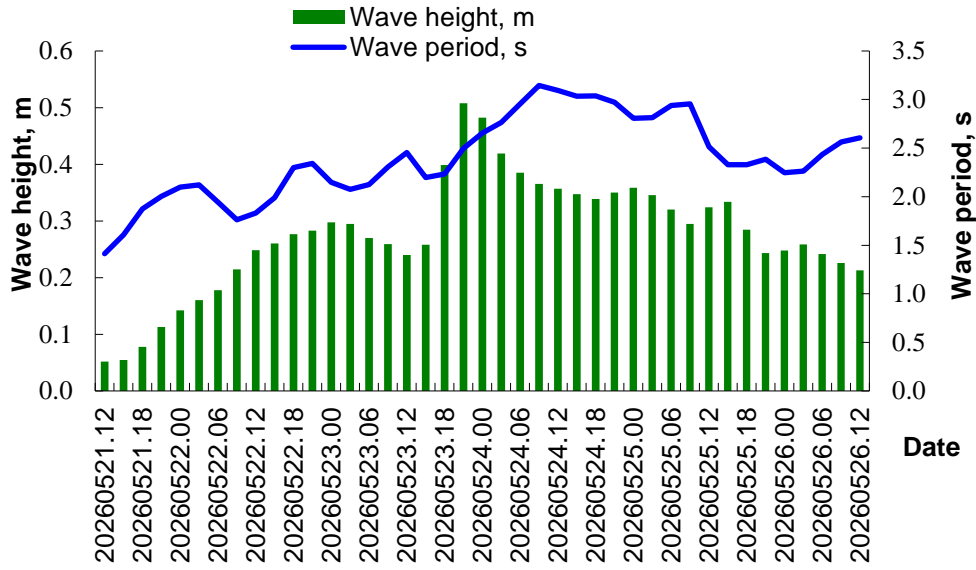


Date time	Fetisovo				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260521.12	0.07	SW	1.5	1	S
20260521.15	0.08	W	1.7	1	SW
20260521.18	0.08	W	1.9	1	W
20260521.21	0.11	W	1.7	4	SW
20260522.00	0.19	W	1.7	6	S
20260522.03	0.25	W	1.8	4	S
20260522.06	0.23	W	2.0	1	E
20260522.09	0.21	SW	2.0	1	SW
20260522.12	0.23	SW	2.0	3	W
20260522.15	0.26	SW	2.0	2	W
20260522.18	0.25	W	2.2	1	SE
20260522.21	0.23	W	2.2	3	S
20260523.00	0.26	W	2.0	5	S
20260523.03	0.26	W	2.0	3	SW
20260523.06	0.23	W	2.3	1	N
20260523.09	0.22	W	2.5	1	N
20260523.12	0.21	W	2.5	1	SW
20260523.15	0.23	SW	2.2	4	SW
20260523.18	0.37	SW	2.2	7	SW
20260523.21	0.51	SW	2.5	6	SW
20260524.00	0.54	SW	2.7	5	S
20260524.03	0.52	W	2.9	4	S
20260524.06	0.47	W	3.1	1	NW
20260524.09	0.40	W	3.2	2	NW
20260524.12	0.36	W	3.2	3	N
20260524.15	0.34	SW	2.8	4	N
20260524.18	0.38	SW	2.7	3	SE
20260524.21	0.43	SW	2.8	4	SE
20260525.00	0.45	SW	2.7	5	E
20260525.03	0.41	W	2.7	4	S
20260525.06	0.36	W	2.8	2	N
20260525.09	0.31	W	2.9	3	N
20260525.12	0.30	SW	2.6	4	W
20260525.15	0.28	SW	2.4	3	W
20260525.18	0.26	SW	2.4	1	NW
20260525.21	0.25	SW	2.4	1	NW
20260526.00	0.29	SW	2.4	1	NW
20260526.03	0.31	SW	2.5	1	N
20260526.06	0.27	SW	2.6	1	NE
20260526.09	0.24	SW	2.6	4	NW
20260526.12	0.29	SW	2.2	6	N

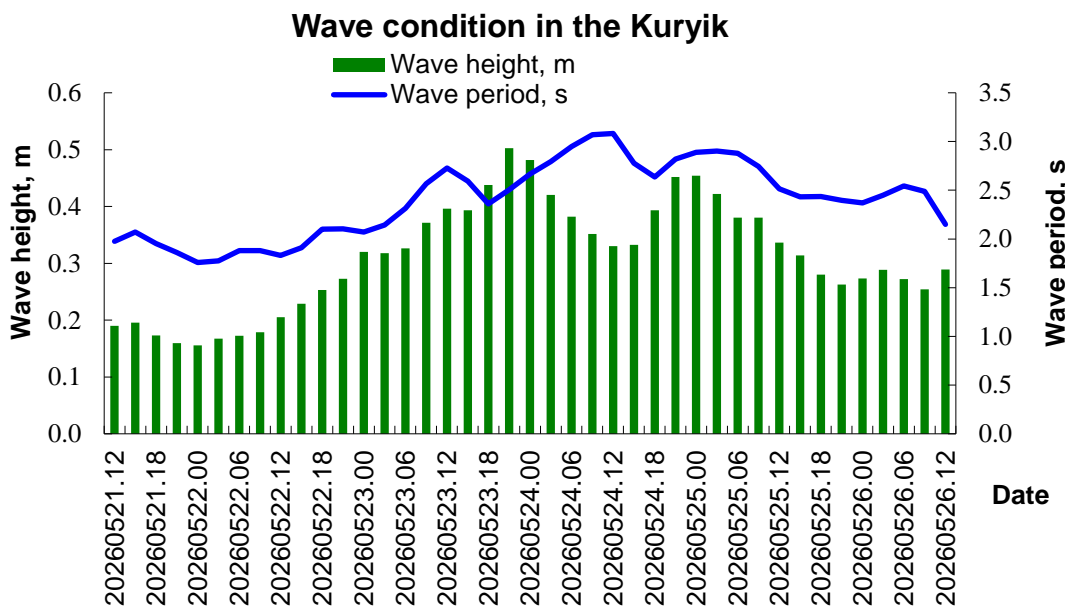
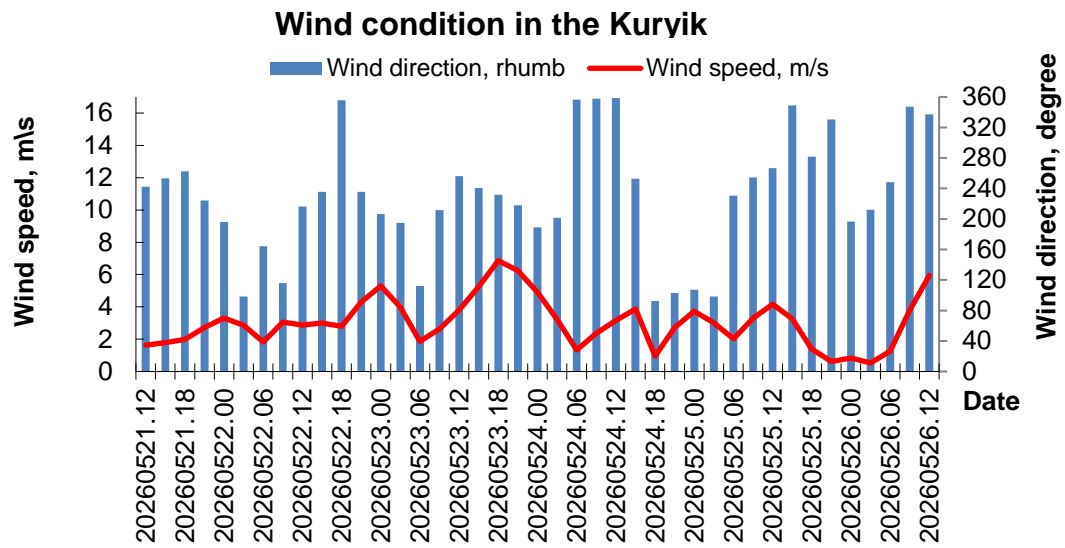
### Wind condition in the Saura



### Wave condition in the Saura



Date time	Saura				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260521.12	0.05	SW	1.4	1	E
20260521.15	0.05	SW	1.6	1	W
20260521.18	0.08	SW	1.9	2	N
20260521.21	0.11	SW	2.0	1	N
20260522.00	0.14	SW	2.1	0	E
20260522.03	0.16	SW	2.1	3	SE
20260522.06	0.18	W	1.9	4	SE
20260522.09	0.21	W	1.8	4	SE
20260522.12	0.25	W	1.8	3	SW
20260522.15	0.26	NE	2.0	3	SW
20260522.18	0.28	SE	2.3	3	W
20260522.21	0.28	S	2.3	4	S
20260523.00	0.30	SW	2.1	6	E
20260523.03	0.29	SW	2.1	4	E
20260523.06	0.27	W	2.1	3	SE
20260523.09	0.26	W	2.3	2	E
20260523.12	0.24	SW	2.5	2	SW
20260523.15	0.26	SW	2.2	5	SW
20260523.18	0.40	SW	2.2	7	SW
20260523.21	0.51	SW	2.5	6	SW
20260524.00	0.48	SW	2.7	4	S
20260524.03	0.42	SW	2.8	3	SW
20260524.06	0.39	SW	3.0	1	NW
20260524.09	0.37	SW	3.1	3	N
20260524.12	0.36	SW	3.1	4	W
20260524.15	0.35	SW	3.0	3	W
20260524.18	0.34	SW	3.0	1	SE
20260524.21	0.35	SW	3.0	3	E
20260525.00	0.36	SW	2.8	4	E
20260525.03	0.35	SW	2.8	2	SE
20260525.06	0.32	SW	2.9	0	NE
20260525.09	0.29	SW	3.0	2	SW
20260525.12	0.32	SW	2.5	5	SW
20260525.15	0.33	SW	2.3	3	SW
20260525.18	0.28	SW	2.3	2	NE
20260525.21	0.24	SW	2.4	2	S
20260526.00	0.25	SW	2.2	4	E
20260526.03	0.26	W	2.3	2	SE
20260526.06	0.24	W	2.4	1	NE
20260526.09	0.23	W	2.6	2	W
20260526.12	0.21	W	2.6	3	NW



Date time	Kuryk				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260521.12	0.19	SW	2.0	2	SW
20260521.15	0.20	SW	2.1	2	W
20260521.18	0.17	SW	2.0	2	W
20260521.21	0.16	SW	1.9	3	SW
20260522.00	0.16	SW	1.8	3	S
20260522.03	0.17	SW	1.8	3	E
20260522.06	0.17	SW	1.9	2	S
20260522.09	0.18	W	1.9	3	SE
20260522.12	0.21	W	1.8	3	SW
20260522.15	0.23	W	1.9	3	SW
20260522.18	0.25	W	2.1	3	N
20260522.21	0.27	SW	2.1	4	SW
20260523.00	0.32	SW	2.1	5	SW
20260523.03	0.32	SW	2.1	4	S
20260523.06	0.33	W	2.3	2	E
20260523.09	0.37	W	2.6	3	SW
20260523.12	0.40	SW	2.7	4	W
20260523.15	0.39	SW	2.6	5	SW
20260523.18	0.44	SW	2.4	7	SW
20260523.21	0.50	SW	2.5	6	SW
20260524.00	0.48	SW	2.7	5	S
20260524.03	0.42	SW	2.8	3	S
20260524.06	0.38	SW	2.9	1	N
20260524.09	0.35	SW	3.1	2	N
20260524.12	0.33	SW	3.1	3	N
20260524.15	0.33	SW	2.8	4	W
20260524.18	0.39	SW	2.6	1	E
20260524.21	0.45	SW	2.8	3	E
20260525.00	0.45	SW	2.9	4	E
20260525.03	0.42	SW	2.9	3	E
20260525.06	0.38	SW	2.9	2	SW
20260525.09	0.38	SW	2.7	3	W
20260525.12	0.34	SW	2.5	4	W
20260525.15	0.31	SW	2.4	3	N
20260525.18	0.28	SW	2.4	1	W
20260525.21	0.26	SW	2.4	1	NW
20260526.00	0.27	SW	2.4	1	S
20260526.03	0.29	SW	2.4	1	SW
20260526.06	0.27	SW	2.5	1	W
20260526.09	0.25	SW	2.5	4	N
20260526.12	0.29	SW	2.1	6	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.

Checked by: Kurmangalieva A.

RSE «Kazhydromet» – Caspian Sea Hydrometeorological Research Department

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