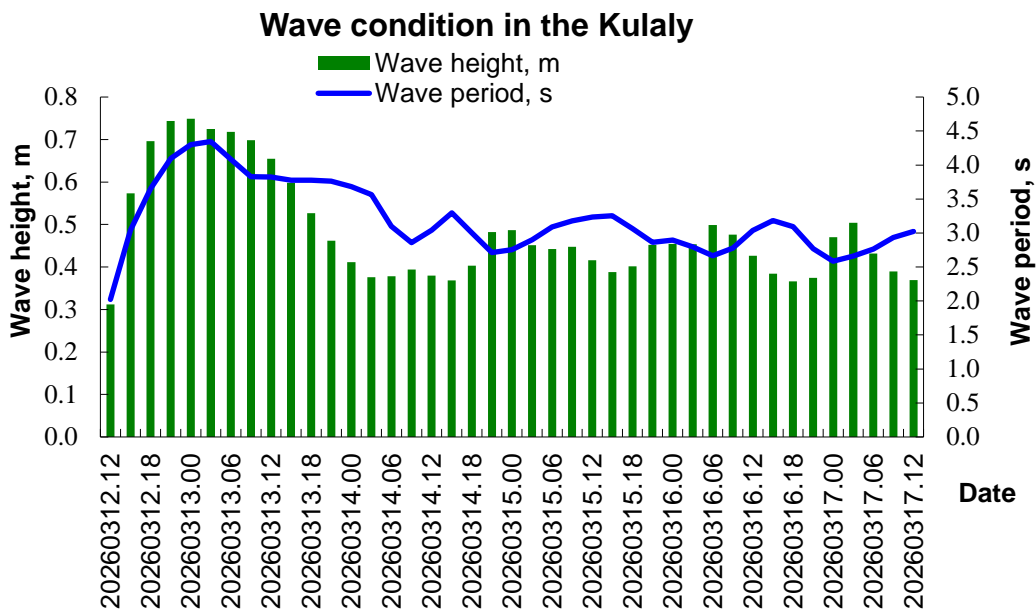
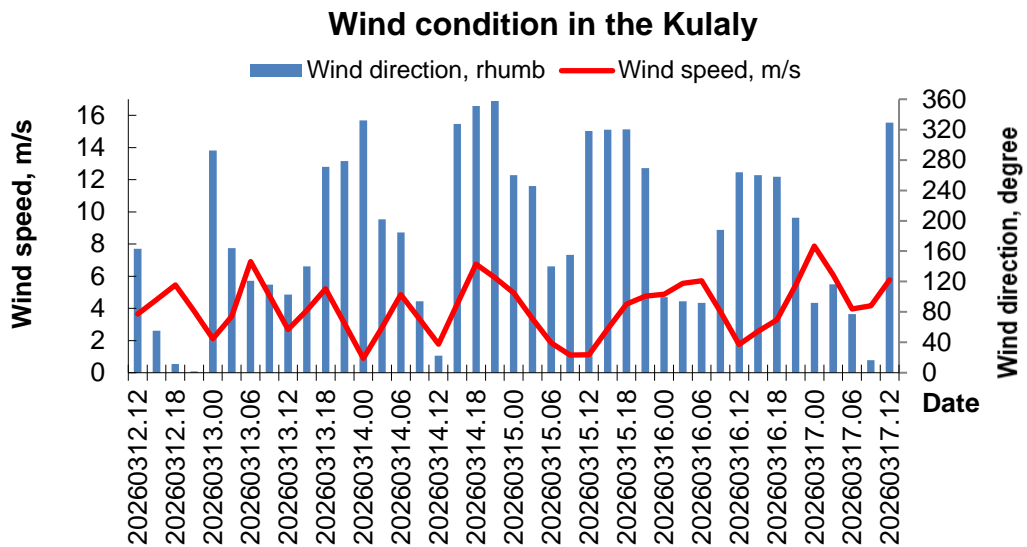




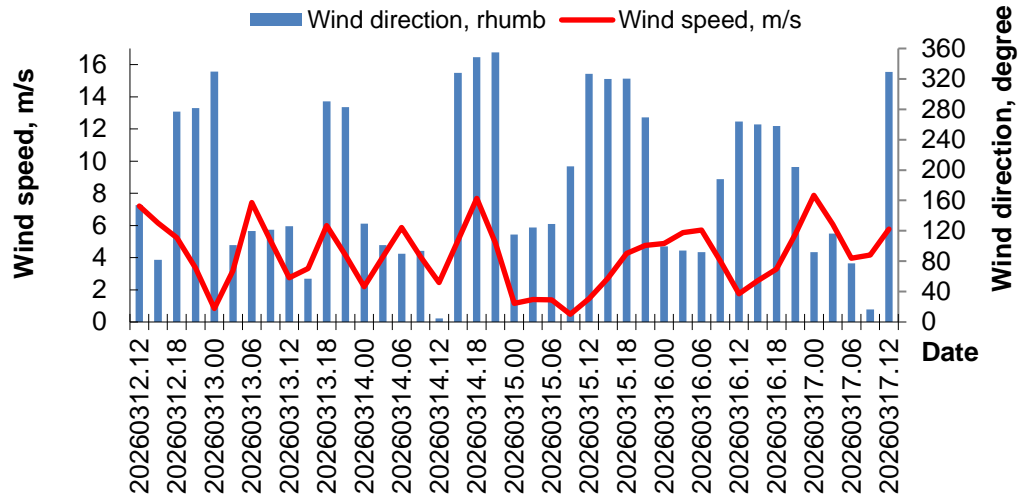
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance
using SWAN spectral model for the period March 12-17, 2026 .**

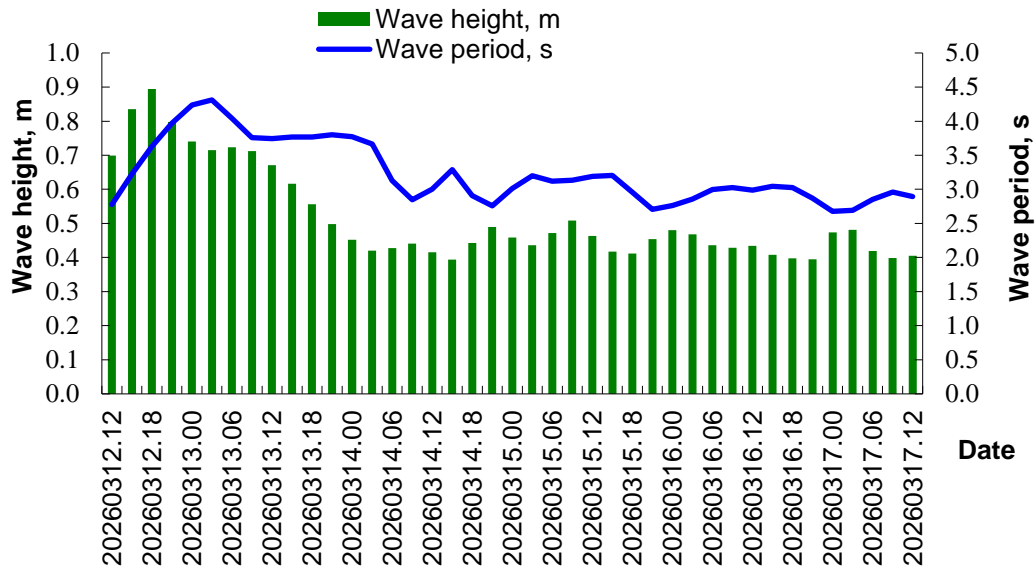


Date time	Kulaly				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260312.12	0.31	N	2.0	4	S
20260312.15	0.57	N	3.0	5	NE
20260312.18	0.70	N	3.7	5	N
20260312.21	0.74	N	4.1	4	N
20260313.00	0.75	N	4.3	2	W
20260313.03	0.72	N	4.3	4	S
20260313.06	0.72	N	4.1	7	SE
20260313.09	0.70	NW	3.8	5	SE
20260313.12	0.65	NW	3.8	3	E
20260313.15	0.60	NW	3.8	4	SE
20260313.18	0.53	NW	3.8	5	W
20260313.21	0.46	NW	3.8	3	W
20260314.00	0.41	NW	3.7	1	NW
20260314.03	0.38	NW	3.6	3	S
20260314.06	0.38	NW	3.1	5	S
20260314.09	0.39	NW	2.9	3	E
20260314.12	0.38	NW	3.0	2	NE
20260314.15	0.37	NW	3.3	4	NW
20260314.18	0.40	S	3.0	7	N
20260314.21	0.48	S	2.7	6	N
20260315.00	0.49	S	2.8	5	W
20260315.03	0.45	S	2.9	3	SW
20260315.06	0.44	S	3.1	2	SE
20260315.09	0.45	SW	3.2	1	SE
20260315.12	0.42	SW	3.2	1	NW
20260315.15	0.39	SW	3.3	3	NW
20260315.18	0.40	S	3.1	4	NW
20260315.21	0.45	S	2.9	5	W
20260316.00	0.45	S	2.9	5	E
20260316.03	0.45	SW	2.8	6	E
20260316.06	0.50	SW	2.7	6	E
20260316.09	0.48	SW	2.8	4	S
20260316.12	0.43	SW	3.0	2	W
20260316.15	0.38	SW	3.2	3	W
20260316.18	0.37	SW	3.1	3	W
20260316.21	0.37	SW	2.8	5	SW
20260317.00	0.47	SW	2.6	8	E
20260317.03	0.50	W	2.7	6	SE
20260317.06	0.43	W	2.8	4	E
20260317.09	0.39	SW	2.9	4	N
20260317.12	0.37	SW	3.0	6	NW

Wind condition in the Fort-Shevchenko

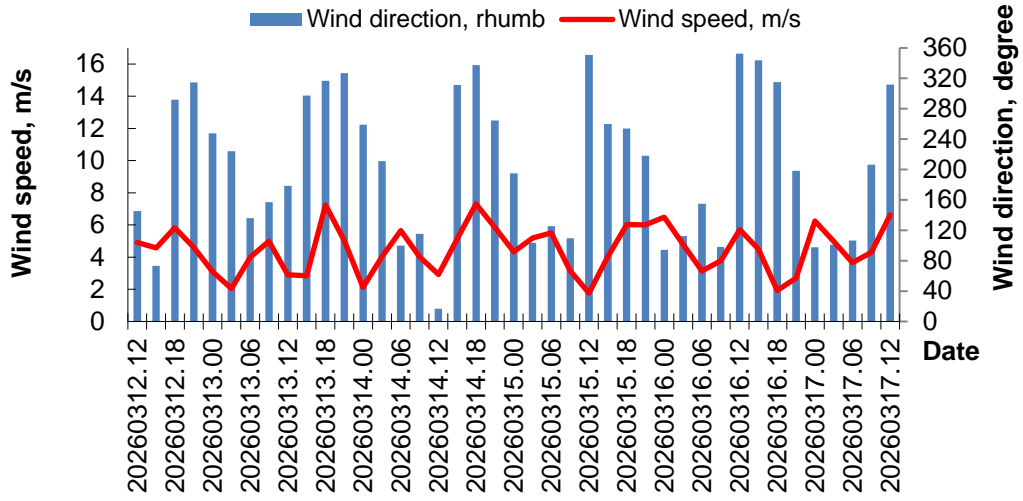


Wave condition in the Fort-Shevchenko

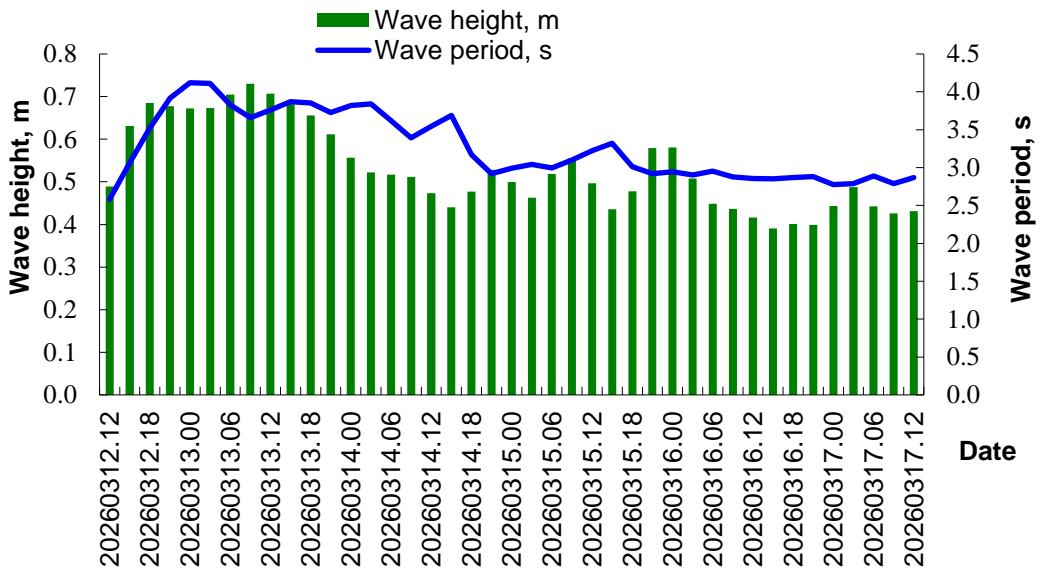


Date time	Fort-Shevchenko				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260312.12	0.70	NW	2.8	7	SE
20260312.15	0.83	N	3.2	6	E
20260312.18	0.89	N	3.6	5	W
20260312.21	0.80	N	4.0	3	W
20260313.00	0.74	N	4.2	1	NW
20260313.03	0.72	N	4.3	3	E
20260313.06	0.72	N	4.0	7	SE
20260313.09	0.71	NW	3.8	5	SE
20260313.12	0.67	NW	3.7	3	SE
20260313.15	0.62	NW	3.8	3	NE
20260313.18	0.56	NW	3.8	6	W
20260313.21	0.50	NW	3.8	4	W
20260314.00	0.45	NW	3.8	2	SE
20260314.03	0.42	NW	3.7	4	E
20260314.06	0.43	NW	3.1	6	E
20260314.09	0.44	NW	2.8	4	E
20260314.12	0.42	NW	3.0	2	N
20260314.15	0.39	N	3.3	5	NW
20260314.18	0.44	SE	2.9	8	N
20260314.21	0.49	SE	2.8	5	N
20260315.00	0.46	SE	3.0	1	SE
20260315.03	0.44	SE	3.2	1	SE
20260315.06	0.47	SW	3.1	1	SE
20260315.09	0.51	SW	3.1	0	SW
20260315.12	0.46	SW	3.2	1	NW
20260315.15	0.42	SW	3.2	3	NW
20260315.18	0.41	SW	3.0	4	NW
20260315.21	0.45	S	2.7	5	W
20260316.00	0.48	SW	2.8	5	E
20260316.03	0.47	SW	2.9	6	E
20260316.06	0.44	SW	3.0	6	E
20260316.09	0.43	SW	3.0	4	S
20260316.12	0.43	SW	3.0	2	W
20260316.15	0.41	SW	3.0	3	W
20260316.18	0.40	SW	3.0	3	W
20260316.21	0.39	S	2.9	5	SW
20260317.00	0.47	SW	2.7	8	E
20260317.03	0.48	SW	2.7	6	SE
20260317.06	0.42	SW	2.9	4	E
20260317.09	0.40	SW	3.0	4	N
20260317.12	0.41	SW	2.9	6	NW

Wind condition in the Aktau

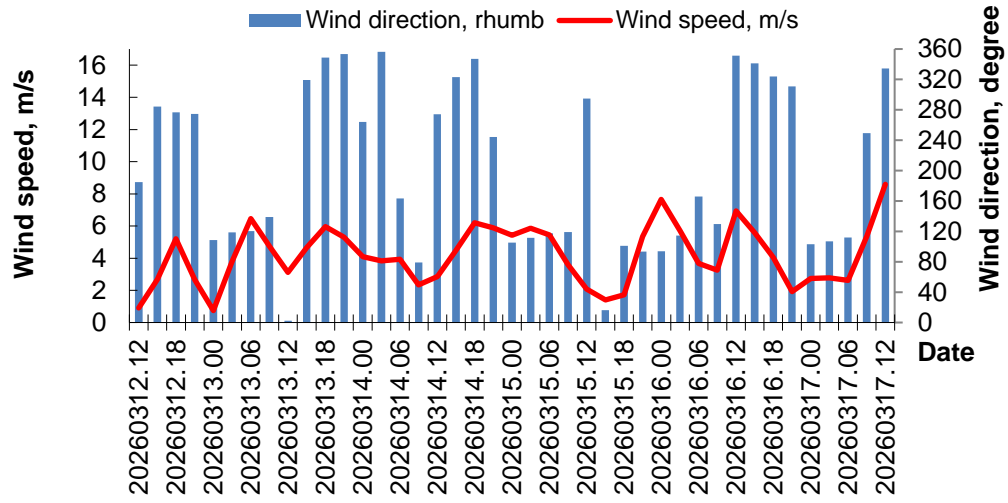


Wave condition in the Aktau

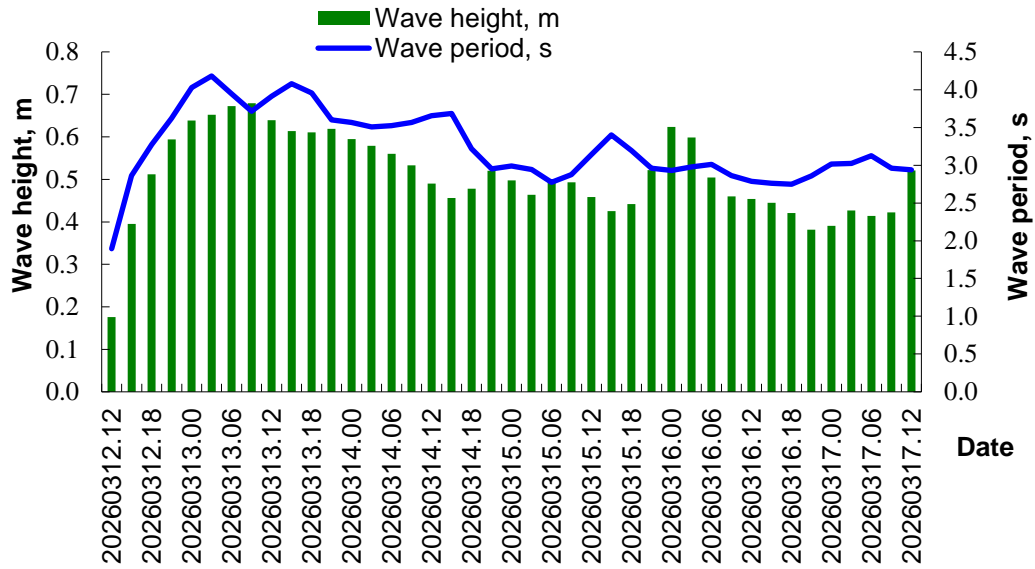


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260312.12	0.49	NW	2.6	5	SE
20260312.15	0.63	NW	3.1	5	E
20260312.18	0.69	NW	3.5	6	W
20260312.21	0.68	NW	3.9	5	NW
20260313.00	0.67	NW	4.1	3	W
20260313.03	0.67	NW	4.1	2	SW
20260313.06	0.71	NW	3.8	4	SE
20260313.09	0.73	NW	3.7	5	SE
20260313.12	0.71	NW	3.8	3	S
20260313.15	0.68	NW	3.9	3	NW
20260313.18	0.66	NW	3.9	7	NW
20260313.21	0.61	NW	3.7	5	NW
20260314.00	0.56	NW	3.8	2	W
20260314.03	0.52	NW	3.8	4	SW
20260314.06	0.52	NW	3.6	6	E
20260314.09	0.51	NW	3.4	4	SE
20260314.12	0.47	NW	3.5	3	N
20260314.15	0.44	N	3.7	5	NW
20260314.18	0.48	SE	3.2	7	NW
20260314.21	0.53	SE	2.9	6	W
20260315.00	0.50	SE	3.0	4	S
20260315.03	0.46	S	3.0	5	E
20260315.06	0.52	SW	3.0	6	SE
20260315.09	0.56	W	3.1	3	E
20260315.12	0.50	W	3.2	2	N
20260315.15	0.44	W	3.3	4	W
20260315.18	0.48	SW	3.0	6	W
20260315.21	0.58	SW	2.9	6	SW
20260316.00	0.58	SW	2.9	6	E
20260316.03	0.51	SW	2.9	5	SE
20260316.06	0.45	SW	3.0	3	SE
20260316.09	0.44	W	2.9	4	E
20260316.12	0.42	W	2.9	6	N
20260316.15	0.39	SW	2.9	5	N
20260316.18	0.40	SW	2.9	2	NW
20260316.21	0.40	S	2.9	3	S
20260317.00	0.44	SW	2.8	6	E
20260317.03	0.49	W	2.8	5	E
20260317.06	0.44	W	2.9	4	E
20260317.09	0.43	W	2.8	4	SW
20260312.12	0.49	NW	2.6	5	SE

Wind condition in the Peschanyi

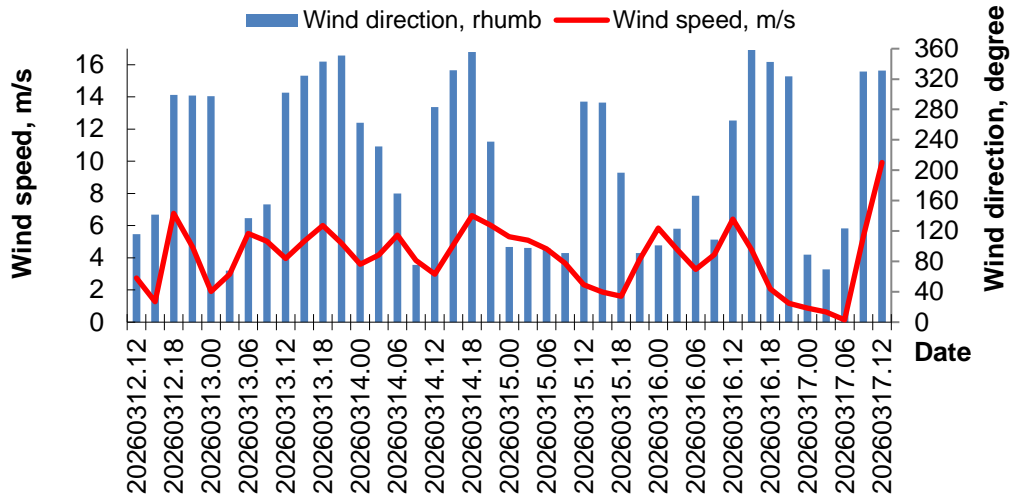


Wave condition in the Peschanyi

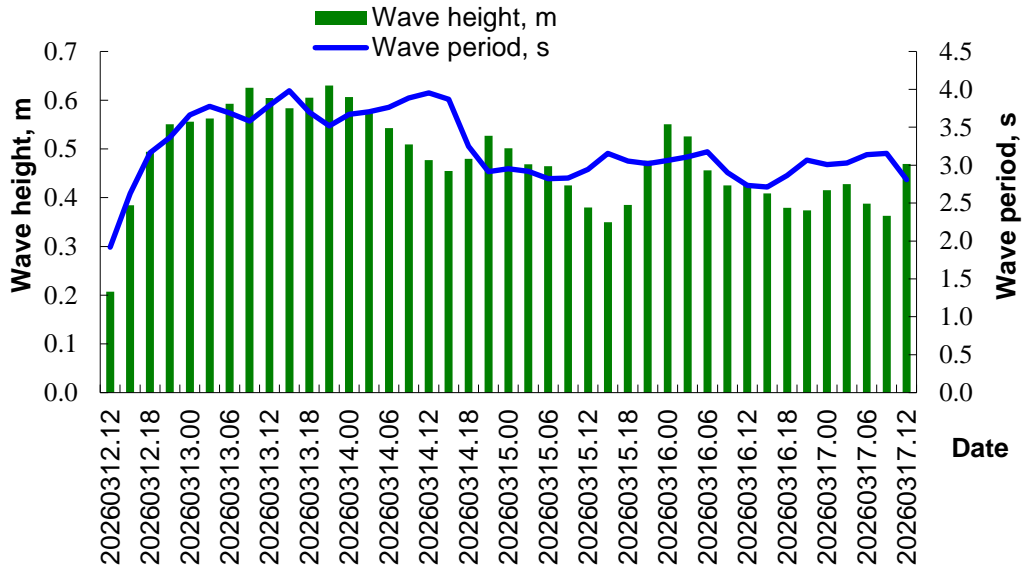


Date time	Peschanyi (Isan)				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260312.12	0.18	N	1.9	1	S
20260312.15	0.39	NW	2.9	3	W
20260312.18	0.51	NW	3.3	5	W
20260312.21	0.59	NW	3.6	3	W
20260313.00	0.64	NW	4.0	1	E
20260313.03	0.65	NW	4.2	4	SE
20260313.06	0.67	NW	3.9	6	SE
20260313.09	0.68	NW	3.7	5	SE
20260313.12	0.64	NW	3.9	3	N
20260313.15	0.61	NW	4.1	5	NW
20260313.18	0.61	NW	4.0	6	N
20260313.21	0.62	W	3.6	5	N
20260314.00	0.59	W	3.6	4	W
20260314.03	0.58	W	3.5	4	N
20260314.06	0.56	W	3.5	4	S
20260314.09	0.53	W	3.6	2	E
20260314.12	0.49	NW	3.7	3	W
20260314.15	0.46	NW	3.7	4	NW
20260314.18	0.48	SE	3.2	6	N
20260314.21	0.52	S	3.0	6	SW
20260315.00	0.50	S	3.0	5	E
20260315.03	0.46	S	2.9	6	E
20260315.06	0.49	W	2.8	5	SE
20260315.09	0.49	W	2.9	4	SE
20260315.12	0.46	W	3.1	2	NW
20260315.15	0.42	W	3.4	1	N
20260315.18	0.44	SW	3.2	2	E
20260315.21	0.52	SW	3.0	5	E
20260316.00	0.62	SW	2.9	8	E
20260316.03	0.60	W	3.0	6	SE
20260316.06	0.50	W	3.0	4	S
20260316.09	0.46	W	2.9	3	SE
20260316.12	0.45	SW	2.8	7	N
20260316.15	0.44	SW	2.8	6	N
20260316.18	0.42	S	2.7	4	NW
20260316.21	0.38	S	2.9	2	NW
20260317.00	0.39	SW	3.0	3	E
20260317.03	0.43	SW	3.0	3	E
20260317.06	0.41	SW	3.1	3	E
20260317.09	0.42	SW	3.0	5	W
20260317.12	0.52	SW	2.9	9	NW

Wind condition in the Fetisovo

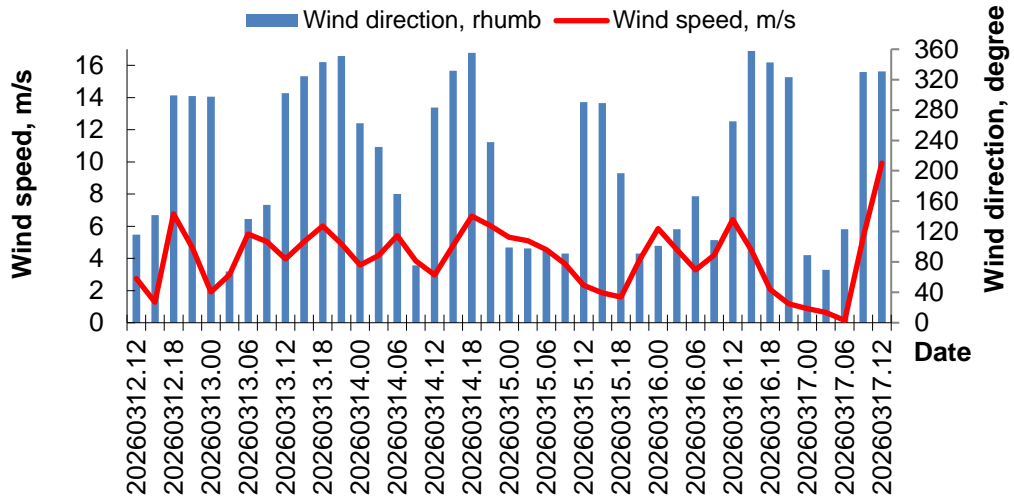


Wave condition in the Fetisovo

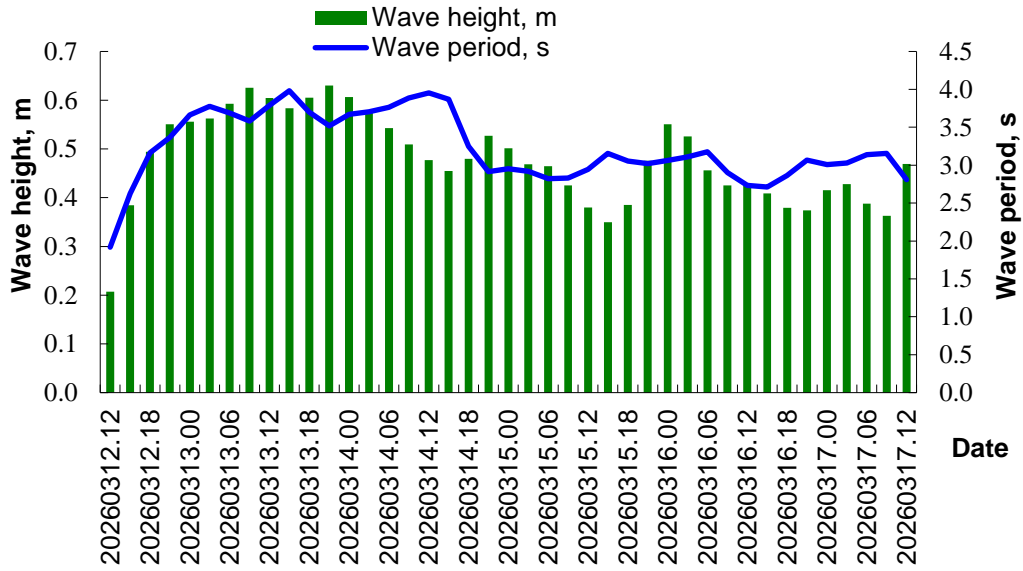


Date time	Fetisovo				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260312.12	0.21	NW	1.9	3	SE
20260312.15	0.38	NW	2.6	1	SE
20260312.18	0.49	W	3.2	7	NW
20260312.21	0.55	W	3.4	5	NW
20260313.00	0.56	W	3.7	2	NW
20260313.03	0.56	NW	3.8	3	E
20260313.06	0.59	NW	3.7	6	SE
20260313.09	0.63	NW	3.6	5	SE
20260313.12	0.60	NW	3.8	4	NW
20260313.15	0.58	NW	4.0	5	NW
20260313.18	0.61	NW	3.7	6	N
20260313.21	0.63	NW	3.5	5	N
20260314.00	0.61	NW	3.7	4	W
20260314.03	0.57	NW	3.7	4	SW
20260314.06	0.54	NW	3.8	5	S
20260314.09	0.51	NW	3.9	4	E
20260314.12	0.48	NW	4.0	3	W
20260314.15	0.45	N	3.9	5	NW
20260314.18	0.48	S	3.2	7	N
20260314.21	0.53	S	2.9	6	SW
20260315.00	0.50	S	3.0	5	E
20260315.03	0.47	SW	2.9	5	E
20260315.06	0.46	SW	2.8	5	E
20260315.09	0.43	SW	2.8	4	E
20260315.12	0.38	SW	2.9	2	W
20260315.15	0.35	W	3.2	2	W
20260315.18	0.39	SW	3.1	2	S
20260315.21	0.48	SW	3.0	4	E
20260316.00	0.55	SW	3.1	6	E
20260316.03	0.53	SW	3.1	5	SE
20260316.06	0.46	W	3.2	3	S
20260316.09	0.43	W	2.9	4	E
20260316.12	0.43	W	2.7	6	W
20260316.15	0.41	SW	2.7	5	N
20260316.18	0.38	SW	2.9	2	N
20260316.21	0.37	SW	3.1	1	NW
20260317.00	0.42	SW	3.0	1	E
20260317.03	0.43	SW	3.0	1	E
20260317.06	0.39	SW	3.1	0	SE
20260317.09	0.36	SW	3.2	5	NW
20260317.12	0.47	S	2.8	10	NW

Wind condition in the Fetisovo

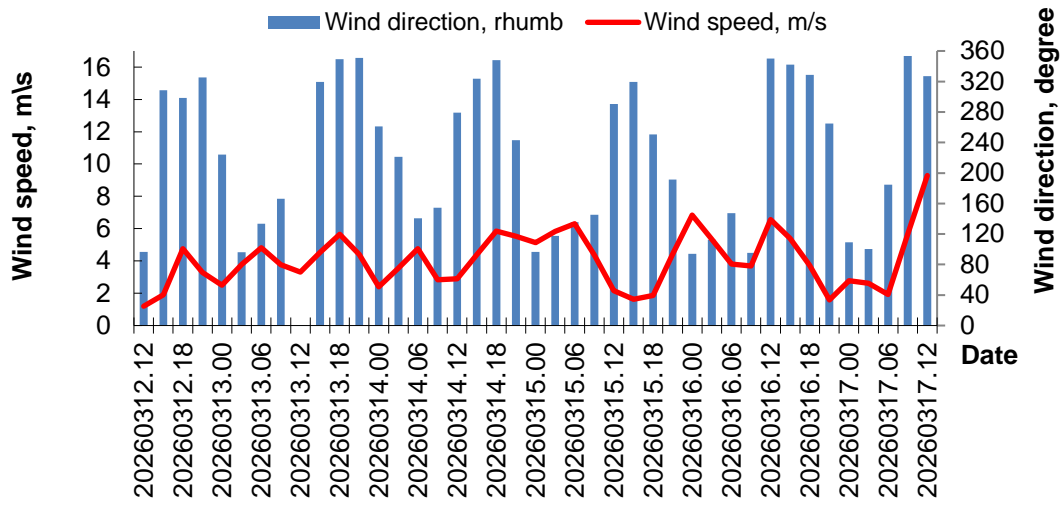


Wave condition in the Fetisovo

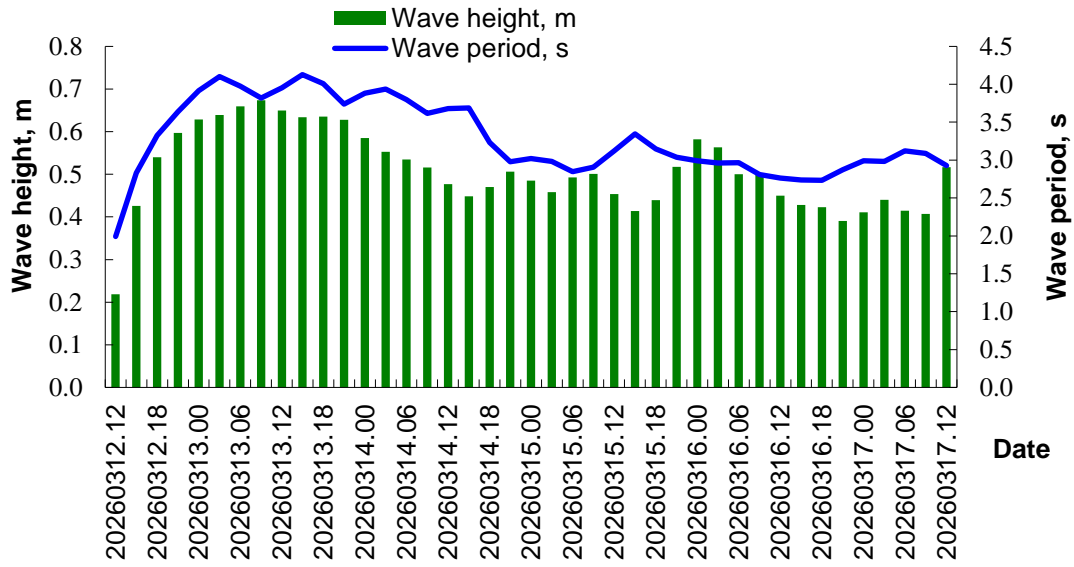


Date time	Saura				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260312.12	0.28	NW	2.6	2	SE
20260312.15	0.51	NW	3.2	3	N
20260312.18	0.65	NW	3.7	6	NW
20260312.21	0.67	N	4.0	7	NW
20260313.00	0.67	N	4.1	7	N
20260313.03	0.67	N	4.2	6	SW
20260313.06	0.68	N	4.2	5	SE
20260313.09	0.69	NW	3.8	6	SE
20260313.12	0.69	NW	3.5	6	SE
20260313.15	0.64	NW	3.5	5	E
20260313.18	0.58	NW	3.7	3	N
20260313.21	0.53	NW	3.9	3	NW
20260314.00	0.49	NW	3.9	2	NW
20260314.03	0.46	NW	3.8	2	NE
20260314.06	0.46	NW	3.5	6	E
20260314.09	0.47	NW	3.1	5	SE
20260314.12	0.44	NW	3.2	3	W
20260314.15	0.41	N	3.5	5	NW
20260314.18	0.43	SE	3.2	6	NW
20260314.21	0.47	SE	2.9	5	N
20260315.00	0.45	SE	3.0	4	SW
20260315.03	0.45	S	2.9	5	S
20260315.06	0.51	SW	2.8	7	S
20260315.09	0.54	SW	2.8	5	SW
20260315.12	0.48	SW	2.8	4	N
20260315.15	0.44	SW	2.8	5	N
20260315.18	0.43	S	2.7	5	W
20260315.21	0.46	S	2.7	5	SW
20260316.00	0.47	SW	2.7	6	E
20260316.03	0.45	SW	2.8	5	SE
20260316.06	0.42	SW	2.9	4	S
20260316.09	0.42	SW	2.8	5	SE
20260316.12	0.44	SW	2.7	6	W
20260316.15	0.45	SW	2.7	6	N
20260316.18	0.46	S	2.7	5	NW
20260316.21	0.45	S	2.6	5	W
20260317.00	0.44	SW	2.6	5	E
20260317.03	0.45	SW	2.8	4	E
20260317.06	0.43	SW	3.0	3	E
20260317.09	0.42	SW	2.9	5	SW
20260317.12	0.42	SW	2.9	7	NW

Wind condition in the Kuryik



Wave condition in the Kuryik



Date time	Kuryk				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260312.12	0.22	N	2.0	1	E
20260312.15	0.43	NW	2.8	2	NW
20260312.18	0.54	NW	3.3	5	NW
20260312.21	0.60	NW	3.6	3	NW
20260313.00	0.63	NW	3.9	2	SW
20260313.03	0.64	NW	4.1	4	E
20260313.06	0.66	NW	4.0	5	SE
20260313.09	0.67	NW	3.8	4	S
20260313.12	0.65	NW	4.0	3	N
20260313.15	0.63	NW	4.1	5	NW
20260313.18	0.64	NW	4.0	6	N
20260313.21	0.63	NW	3.7	4	N
20260314.00	0.59	NW	3.9	2	W
20260314.03	0.55	NW	3.9	4	SW
20260314.06	0.53	NW	3.8	5	SE
20260314.09	0.52	NW	3.6	3	SE
20260314.12	0.48	NW	3.7	3	W
20260314.15	0.45	NW	3.7	4	NW
20260314.18	0.47	SE	3.2	6	N
20260314.21	0.51	S	3.0	6	SW
20260315.00	0.49	S	3.0	5	E
20260315.03	0.46	S	3.0	6	SE
20260315.06	0.49	W	2.8	6	SE
20260315.09	0.50	W	2.9	4	SE
20260315.12	0.45	W	3.1	2	W
20260315.15	0.41	W	3.3	2	NW
20260315.18	0.44	SW	3.1	2	W
20260315.21	0.52	SW	3.0	4	S
20260316.00	0.58	SW	3.0	7	E
20260316.03	0.56	SW	3.0	5	E
20260316.06	0.50	W	3.0	4	SE
20260316.09	0.50	W	2.8	4	E
20260316.12	0.45	W	2.8	7	N
20260316.15	0.43	SW	2.7	5	N
20260316.18	0.42	S	2.7	4	NW
20260316.21	0.39	SW	2.9	2	W
20260317.00	0.41	SW	3.0	3	E
20260317.03	0.44	SW	3.0	3	E
20260317.06	0.41	SW	3.1	2	S
20260317.09	0.41	SW	3.1	6	N
20260317.12	0.52	S	2.9	9	NW

**Расчетные характеристики получены при использовании волновой модели SWAN, адаптированного в РГП «Казгидромет» к условиям Каспийского моря.*

Составила: Жағпарова Н.Н..

Проверила: Шишкина Г.М.

РГП «Казгидромет» – Управление гидрометеорологических исследований Каспийского моря

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