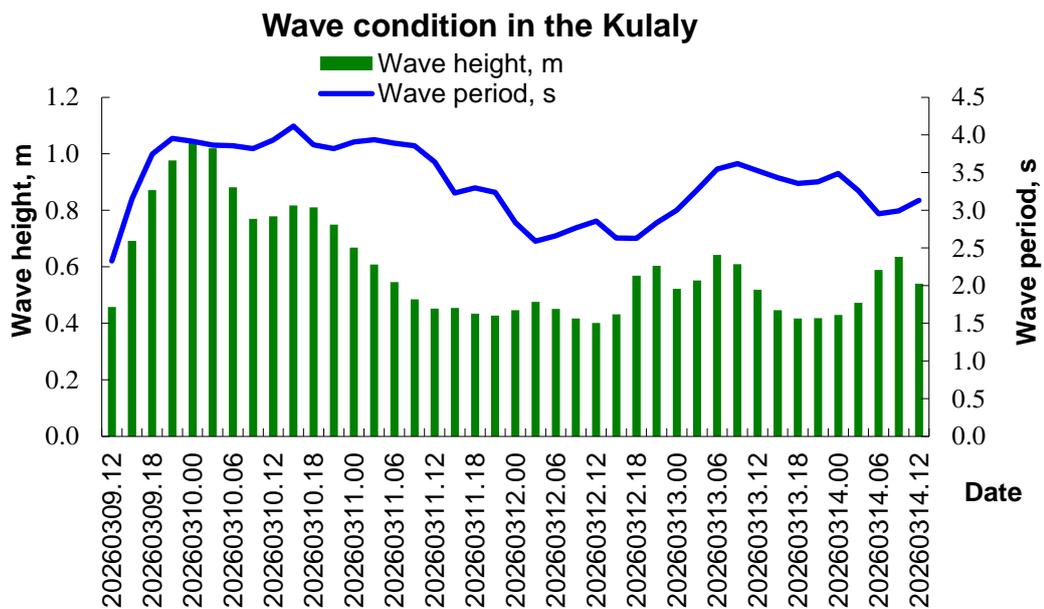
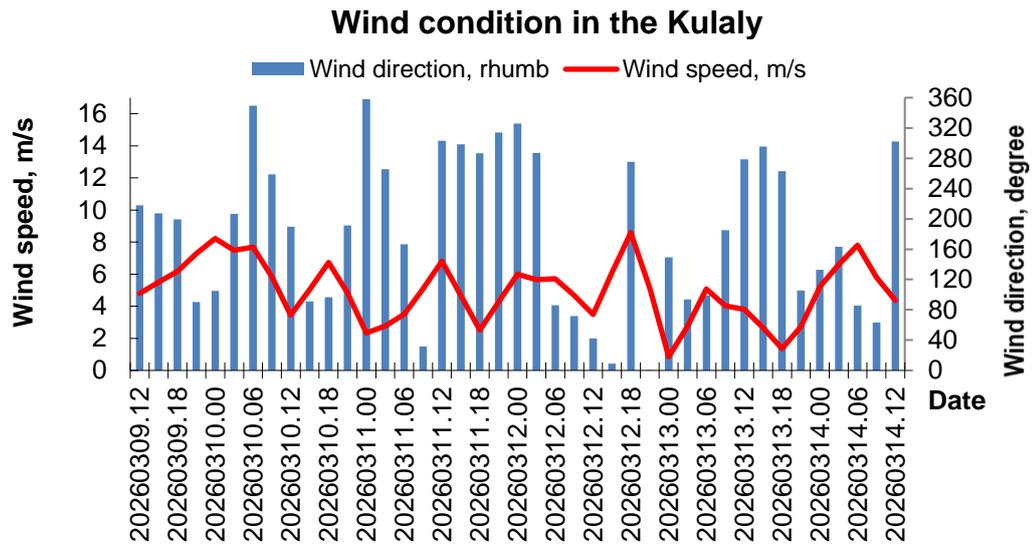




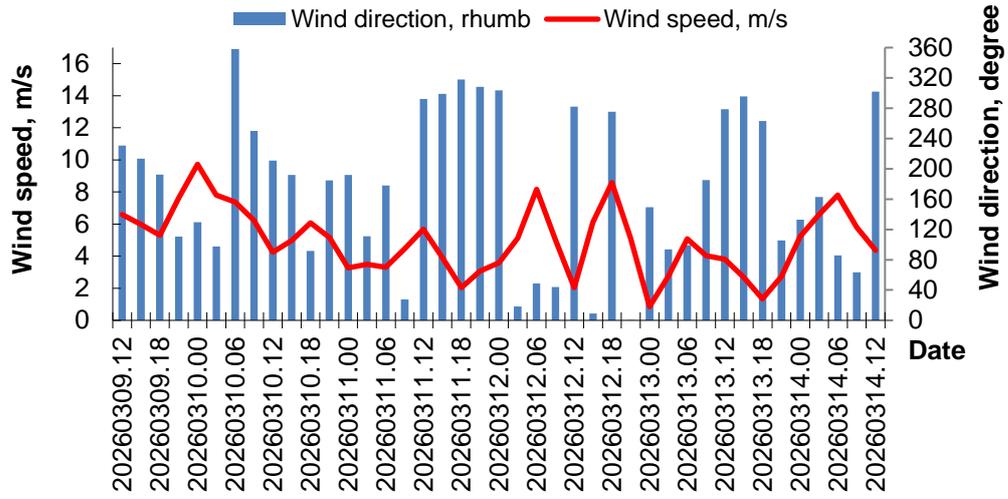
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN
RSE «KAZHYDROMET»**

**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 09-14, 2026 .**

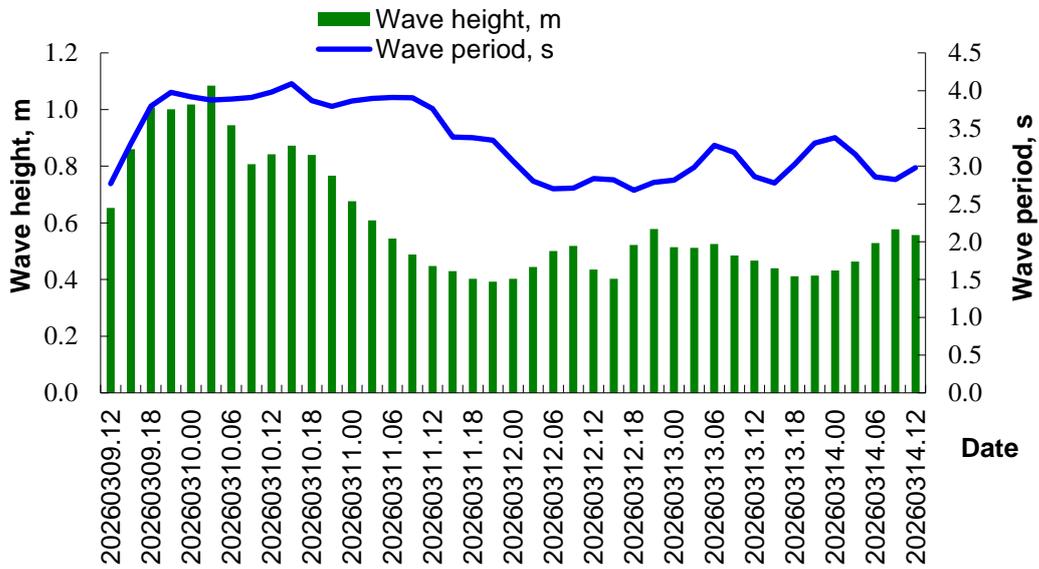


Date time	Kulaly				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260309.12	0.46	SW	2.3	5	SW
20260309.15	0.69	SW	3.2	5	SW
20260309.18	0.87	SW	3.7	6	S
20260309.21	0.98	SW	4.0	7	E
20260310.00	1.04	SW	3.9	8	E
20260310.03	1.02	SW	3.9	7	SW
20260310.06	0.88	SW	3.9	8	N
20260310.09	0.77	SW	3.8	6	W
20260310.12	0.78	SW	3.9	3	S
20260310.15	0.82	SW	4.1	5	E
20260310.18	0.81	SW	3.9	7	E
20260310.21	0.75	SW	3.8	5	S
20260311.00	0.67	SW	3.9	2	N
20260311.03	0.61	SW	3.9	3	W
20260311.06	0.55	SW	3.9	3	S
20260311.09	0.48	SW	3.9	5	NE
20260311.12	0.45	SW	3.6	7	NW
20260311.15	0.45	SW	3.2	5	NW
20260311.18	0.43	SW	3.3	3	W
20260311.21	0.43	SW	3.2	4	NW
20260312.00	0.45	SW	2.8	6	NW
20260312.03	0.48	S	2.6	6	W
20260312.06	0.45	S	2.7	6	E
20260312.09	0.42	S	2.8	5	E
20260312.12	0.40	S	2.9	3	NE
20260312.15	0.43	E	2.6	6	N
20260312.18	0.57	E	2.6	9	W
20260312.21	0.60	E	2.8	5	N
20260313.00	0.52	E	3.0	1	SE
20260313.03	0.55	SE	3.3	3	E
20260313.06	0.64	SE	3.5	5	E
20260313.09	0.61	SE	3.6	4	S
20260313.12	0.52	SE	3.5	4	W
20260313.15	0.45	SE	3.4	3	NW
20260313.18	0.42	SE	3.4	1	W
20260313.21	0.42	E	3.4	3	E
20260314.00	0.43	E	3.5	5	SE
20260314.03	0.47	NE	3.3	7	S
20260314.06	0.59	N	3.0	8	E
20260314.09	0.64	N	3.0	6	NE
20260314.12	0.54	NE	3.1	4	NW

Wind condition in the Fort-Shevchenko

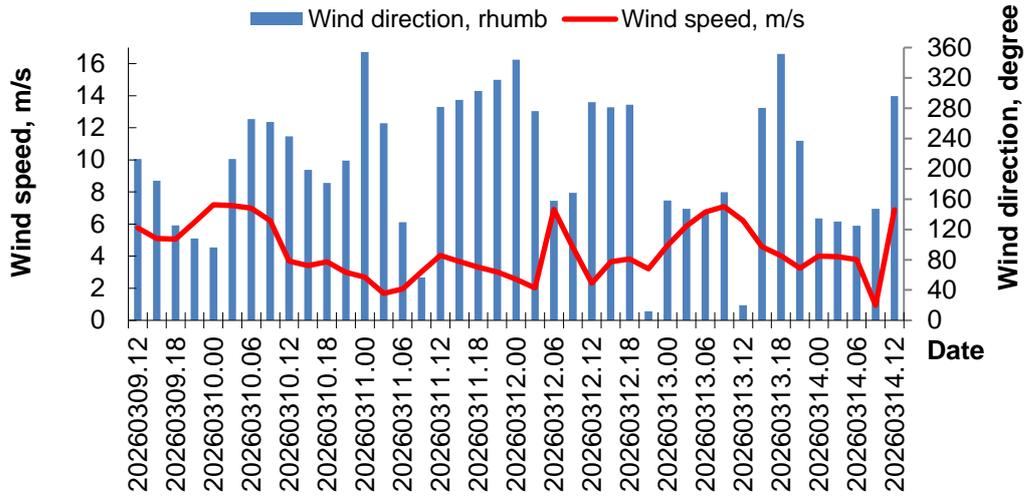


Wave condition in the Fort-Shevchenko

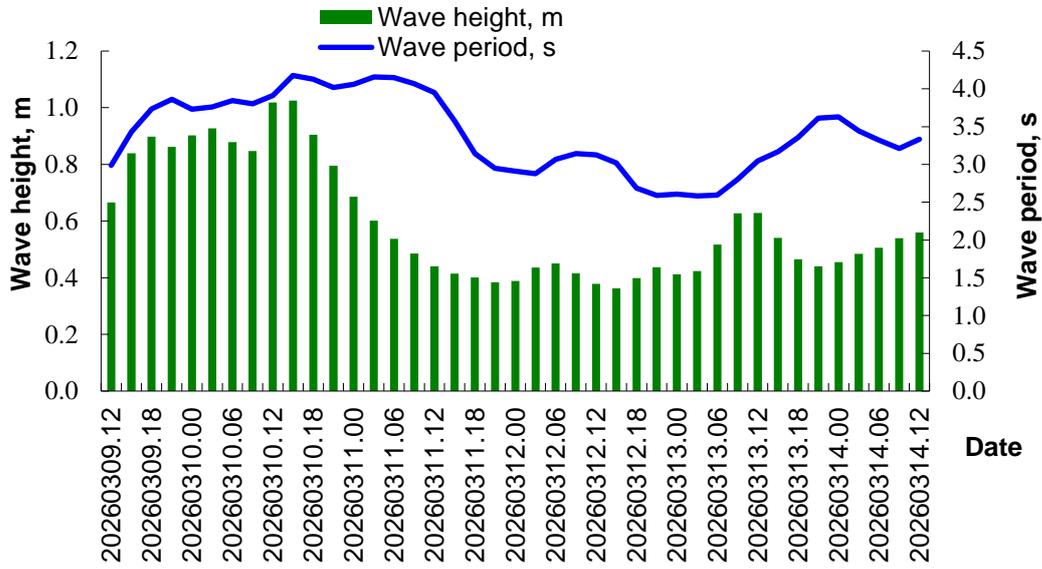


Date time	Fort-Shevchenko				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260309.12	0.65	SW	2.8	7	SW
20260309.15	0.86	SW	3.3	6	SW
20260309.18	1.01	SW	3.8	5	S
20260309.21	1.00	SW	4.0	8	E
20260310.00	1.02	SW	3.9	10	SE
20260310.03	1.08	W	3.9	8	E
20260310.06	0.94	SW	3.9	7	N
20260310.09	0.81	SW	3.9	6	W
20260310.12	0.84	SW	4.0	4	SW
20260310.15	0.87	SW	4.1	5	S
20260310.18	0.84	SW	3.9	6	E
20260310.21	0.77	SW	3.8	5	S
20260311.00	0.68	SW	3.9	3	S
20260311.03	0.61	SW	3.9	3	E
20260311.06	0.55	SW	3.9	3	S
20260311.09	0.49	SW	3.9	4	NE
20260311.12	0.45	SW	3.8	6	W
20260311.15	0.43	SW	3.4	4	NW
20260311.18	0.40	SW	3.4	2	NW
20260311.21	0.39	SW	3.3	3	NW
20260312.00	0.40	SW	3.1	4	NW
20260312.03	0.44	S	2.8	5	N
20260312.06	0.50	SE	2.7	8	NE
20260312.09	0.52	E	2.7	5	NE
20260312.12	0.44	E	2.8	2	W
20260312.15	0.40	SE	2.8	6	N
20260312.18	0.52	SE	2.7	9	W
20260312.21	0.58	SE	2.8	5	N
20260313.00	0.51	SE	2.8	1	SE
20260313.03	0.51	SE	3.0	3	E
20260313.06	0.53	SE	3.3	5	E
20260313.09	0.48	SE	3.2	4	S
20260313.12	0.47	E	2.9	4	W
20260313.15	0.44	NE	2.8	3	NW
20260313.18	0.41	NE	3.0	1	W
20260313.21	0.41	NE	3.3	3	E
20260314.00	0.43	NE	3.4	5	SE
20260314.03	0.46	NE	3.2	7	S
20260314.06	0.53	NE	2.9	8	E
20260314.09	0.58	N	2.8	6	NE
20260314.12	0.56	NE	3.0	4	NW

Wind condition in the Aktau

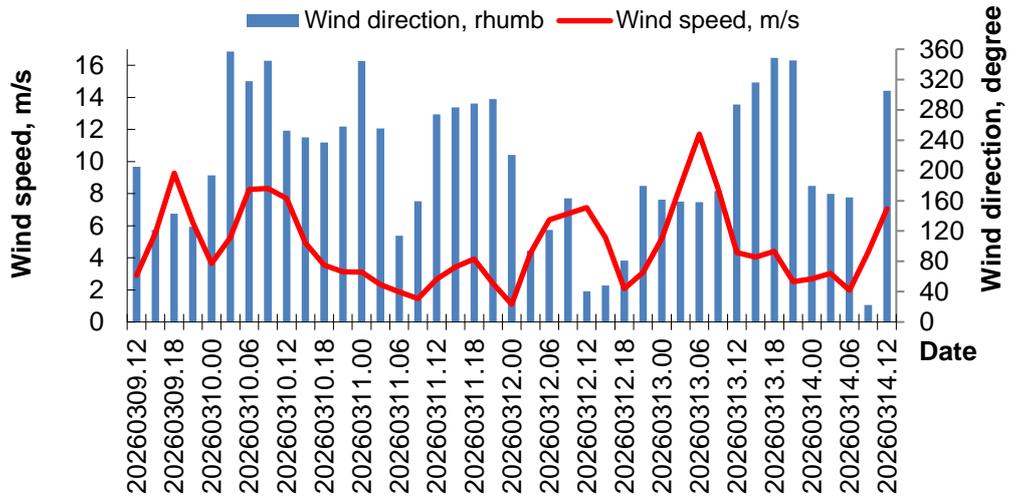


Wave condition in the Aktau

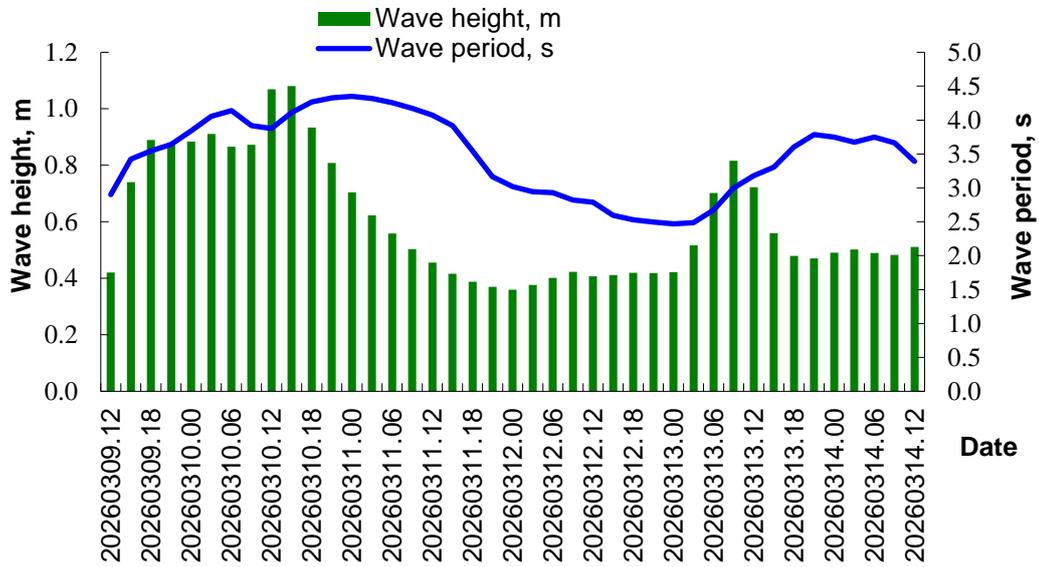


Date time	Aktau				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260309.12	0.67	SW	3.0	6	SW
20260309.15	0.84	SW	3.4	5	S
20260309.18	0.90	SW	3.7	5	SE
20260309.21	0.86	SW	3.9	6	E
20260310.00	0.90	W	3.7	7	E
20260310.03	0.93	SW	3.8	7	SW
20260310.06	0.88	SW	3.8	7	W
20260310.09	0.85	SW	3.8	6	W
20260310.12	1.02	SW	3.9	4	SW
20260310.15	1.03	SW	4.2	3	S
20260310.18	0.90	SW	4.1	4	S
20260310.21	0.80	SW	4.0	3	SW
20260311.00	0.69	SW	4.1	3	N
20260311.03	0.60	SW	4.2	2	W
20260311.06	0.54	SW	4.1	2	SE
20260311.09	0.49	SW	4.1	3	NE
20260311.12	0.44	SW	3.9	4	W
20260311.15	0.41	SW	3.6	4	W
20260311.18	0.40	SW	3.1	3	NW
20260311.21	0.38	SW	3.0	3	NW
20260312.00	0.39	S	2.9	3	N
20260312.03	0.44	S	2.9	2	W
20260312.06	0.45	S	3.1	7	S
20260312.09	0.42	S	3.1	5	S
20260312.12	0.38	S	3.1	2	W
20260312.15	0.36	S	3.0	4	W
20260312.18	0.40	SE	2.7	4	W
20260312.21	0.44	SE	2.6	3	N
20260313.00	0.41	SE	2.6	5	S
20260313.03	0.42	NE	2.6	6	SE
20260313.06	0.52	N	2.6	7	SE
20260313.09	0.63	N	2.8	7	S
20260313.12	0.63	N	3.0	6	N
20260313.15	0.54	N	3.2	5	W
20260313.18	0.46	N	3.4	4	N
20260313.21	0.44	NE	3.6	3	SW
20260314.00	0.46	NE	3.6	4	SE
20260314.03	0.48	NE	3.4	4	SE
20260314.06	0.51	NE	3.3	4	SE
20260314.09	0.54	N	3.2	1	SE
20260314.12	0.56	NE	3.3	7	NW

Wind condition in the Peschanyi

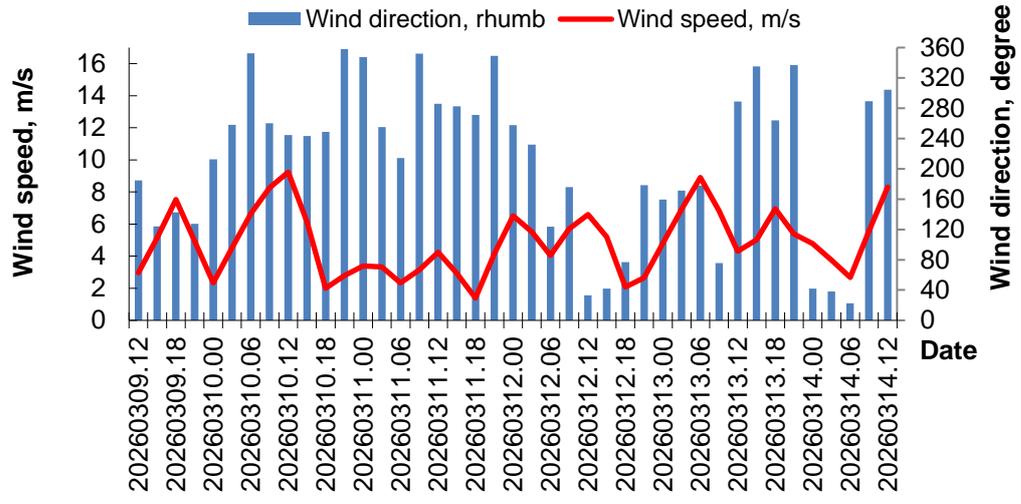


Wave condition in the Peschanyi

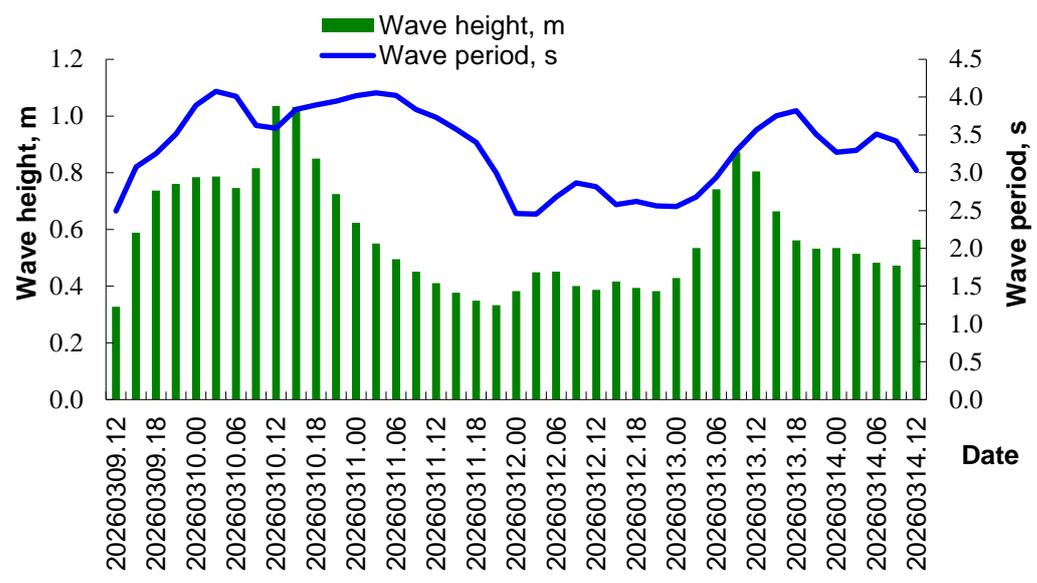


Date time	Peschanyi (Isan)				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260309.12	0.42	SW	2.9	3	SW
20260309.15	0.74	SW	3.4	6	SE
20260309.18	0.89	SW	3.5	9	SE
20260309.21	0.88	W	3.6	6	SE
20260310.00	0.88	W	3.8	4	S
20260310.03	0.91	SW	4.1	5	N
20260310.06	0.87	SW	4.1	8	NW
20260310.09	0.87	SW	3.9	8	N
20260310.12	1.07	SW	3.9	8	W
20260310.15	1.08	SW	4.1	5	SW
20260310.18	0.93	SW	4.3	4	SW
20260310.21	0.81	SW	4.3	3	W
20260311.00	0.70	SW	4.4	3	N
20260311.03	0.62	SW	4.3	2	W
20260311.06	0.56	SW	4.3	2	SE
20260311.09	0.50	SW	4.2	1	S
20260311.12	0.46	SW	4.1	3	W
20260311.15	0.42	SW	3.9	3	W
20260311.18	0.39	SW	3.5	4	W
20260311.21	0.37	SW	3.2	2	NW
20260312.00	0.36	SW	3.0	1	SW
20260312.03	0.38	SW	2.9	4	E
20260312.06	0.40	SW	2.9	6	SE
20260312.09	0.42	SW	2.8	7	S
20260312.12	0.41	W	2.8	7	NE
20260312.15	0.41	NW	2.6	5	NE
20260312.18	0.42	NE	2.5	2	E
20260312.21	0.42	E	2.5	3	S
20260313.00	0.42	N	2.5	5	S
20260313.03	0.52	N	2.5	9	S
20260313.06	0.70	N	2.7	12	S
20260313.09	0.82	N	3.0	8	S
20260313.12	0.72	N	3.2	4	W
20260313.15	0.56	N	3.3	4	NW
20260313.18	0.48	N	3.6	4	N
20260313.21	0.47	NE	3.8	3	N
20260314.00	0.49	NE	3.7	3	S
20260314.03	0.50	NE	3.7	3	S
20260314.06	0.49	NE	3.7	2	S
20260314.09	0.48	NE	3.7	4	NE
20260314.12	0.51	NE	3.4	7	NW

Wind condition in the Fetisovo

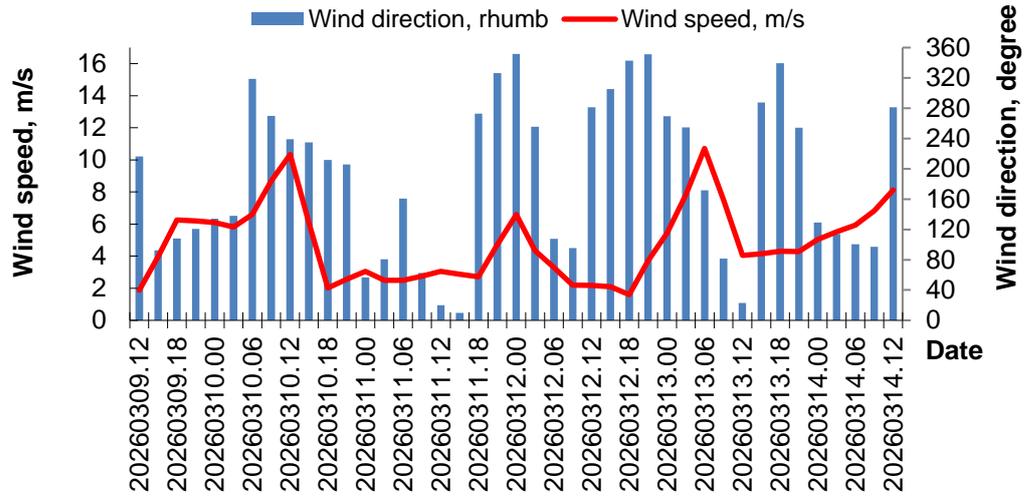


Wave condition in the Fetisovo

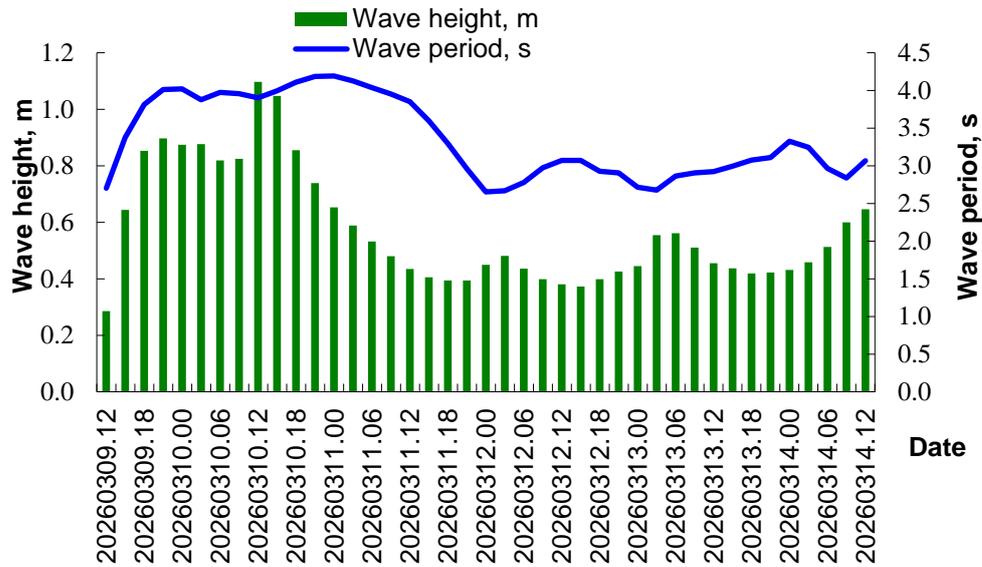


Date time	Fetisovo				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260309.12	0.33	SW	2.5	3	S
20260309.15	0.59	SW	3.1	5	SE
20260309.18	0.74	W	3.3	8	SE
20260309.21	0.76	W	3.5	5	SE
20260310.00	0.78	W	3.9	2	SW
20260310.03	0.79	W	4.1	5	W
20260310.06	0.75	W	4.0	7	N
20260310.09	0.82	SW	3.6	8	W
20260310.12	1.04	SW	3.6	9	SW
20260310.15	1.03	SW	3.8	6	SW
20260310.18	0.85	SW	3.9	2	W
20260310.21	0.73	SW	3.9	3	N
20260311.00	0.62	SW	4.0	3	N
20260311.03	0.55	SW	4.1	3	W
20260311.06	0.50	SW	4.0	2	SW
20260311.09	0.45	W	3.8	3	N
20260311.12	0.41	W	3.7	4	W
20260311.15	0.38	W	3.6	3	W
20260311.18	0.35	W	3.4	1	W
20260311.21	0.33	SW	3.0	4	N
20260312.00	0.38	SW	2.5	7	W
20260312.03	0.45	SW	2.5	6	SW
20260312.06	0.45	SW	2.7	4	SE
20260312.09	0.40	SW	2.9	6	S
20260312.12	0.39	SW	2.8	7	NE
20260312.15	0.42	N	2.6	5	NE
20260312.18	0.39	N	2.6	2	E
20260312.21	0.38	N	2.6	3	S
20260313.00	0.43	N	2.6	5	S
20260313.03	0.54	N	2.7	7	S
20260313.06	0.74	N	2.9	9	S
20260313.09	0.87	N	3.3	7	E
20260313.12	0.80	N	3.6	4	W
20260313.15	0.66	N	3.8	5	NW
20260313.18	0.56	N	3.8	7	W
20260313.21	0.53	N	3.5	5	NW
20260314.00	0.53	NE	3.3	5	NE
20260314.03	0.51	NE	3.3	4	NE
20260314.06	0.48	NE	3.5	3	N
20260314.09	0.47	NE	3.4	6	W
20260314.12	0.56	E	3.0	8	NW

Wind condition in the Saura

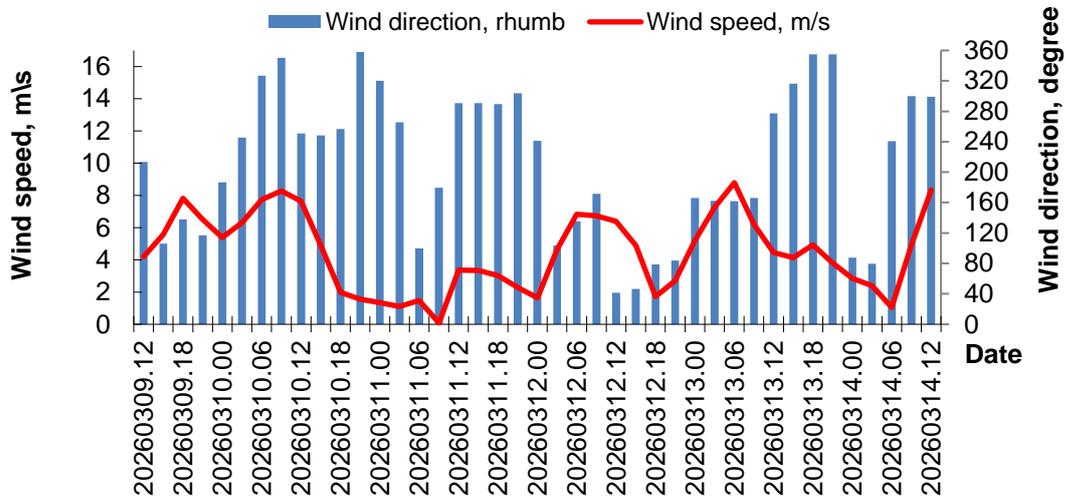


Wave condition in the Saura

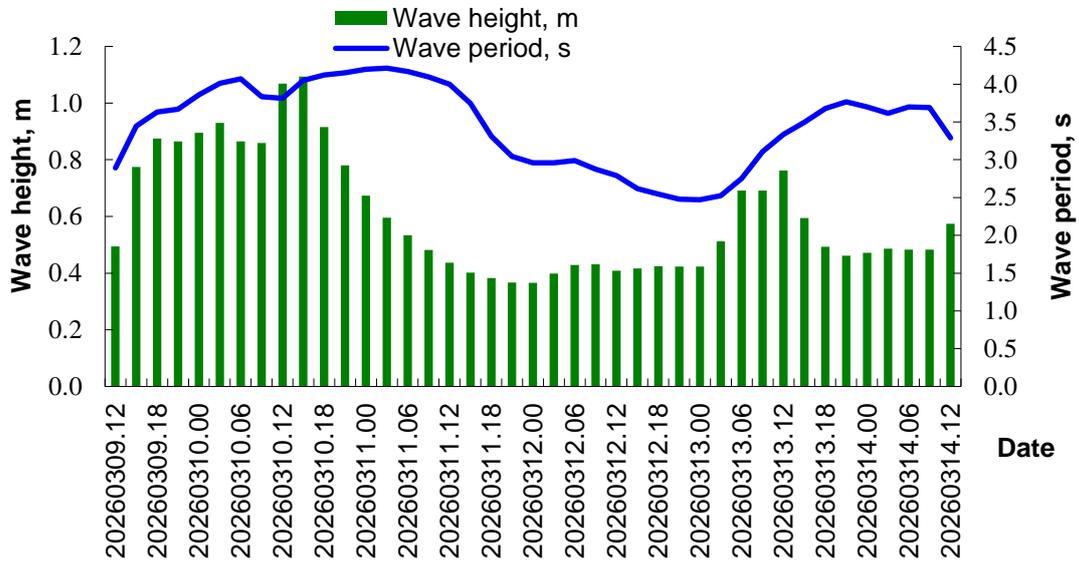


Date time	Saura				
	Wave height, m	Направление волны, румб	Wave height, m	Скорость ветра, м/с	Wave height, m
20260309.12	0.28	SW	2.7	2	SW
20260309.15	0.64	SW	3.4	4	E
20260309.18	0.85	SW	3.8	6	E
20260309.21	0.90	SW	4.0	6	SE
20260310.00	0.87	SW	4.0	6	SE
20260310.03	0.88	SW	3.9	6	SE
20260310.06	0.82	SW	4.0	7	NW
20260310.09	0.82	SW	4.0	9	W
20260310.12	1.10	SW	3.9	10	SW
20260310.15	1.05	SW	4.0	6	SW
20260310.18	0.86	SW	4.1	2	SW
20260310.21	0.74	SW	4.2	3	SW
20260311.00	0.65	SW	4.2	3	NE
20260311.03	0.59	SW	4.1	2	E
20260311.06	0.53	SW	4.0	3	S
20260311.09	0.48	SW	4.0	3	NE
20260311.12	0.43	SW	3.8	3	N
20260311.15	0.41	SW	3.6	3	N
20260311.18	0.39	SW	3.3	3	W
20260311.21	0.39	S	3.0	5	NW
20260312.00	0.45	S	2.7	7	N
20260312.03	0.48	S	2.7	4	W
20260312.06	0.44	S	2.8	3	E
20260312.09	0.40	S	3.0	2	E
20260312.12	0.38	S	3.1	2	W
20260312.15	0.37	SE	3.1	2	NW
20260312.18	0.40	SE	2.9	2	N
20260312.21	0.43	SE	2.9	4	N
20260313.00	0.44	SE	2.7	5	W
20260313.03	0.55	S	2.7	8	W
20260313.06	0.56	S	2.9	11	S
20260313.09	0.51	E	2.9	8	E
20260313.12	0.45	NE	2.9	4	NE
20260313.15	0.44	NE	3.0	4	W
20260313.18	0.42	NE	3.1	4	N
20260313.21	0.42	NE	3.1	4	W
20260314.00	0.43	NE	3.3	5	SE
20260314.03	0.46	NE	3.2	6	SE
20260314.06	0.51	N	3.0	6	E
20260314.09	0.60	N	2.8	7	E
20260314.12	0.65	N	3.1	8	W

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
20260309.12	0.49	SW	2.9	4	SW
20260309.15	0.77	SW	3.4	6	E
20260309.18	0.88	SW	3.6	8	SE
20260309.21	0.86	W	3.7	7	SE
20260310.00	0.89	W	3.9	5	S
20260310.03	0.93	SW	4.0	6	SW
20260310.06	0.86	SW	4.1	8	NW
20260310.09	0.86	SW	3.8	8	N
20260310.12	1.07	SW	3.8	8	W
20260310.15	1.09	SW	4.0	5	W
20260310.18	0.92	SW	4.1	2	W
20260310.21	0.78	SW	4.1	2	N
20260311.00	0.67	SW	4.2	1	NW
20260311.03	0.60	SW	4.2	1	W
20260311.06	0.53	SW	4.2	1	E
20260311.09	0.48	SW	4.1	0	S
20260311.12	0.44	SW	4.0	3	W
20260311.15	0.40	SW	3.7	3	W
20260311.18	0.38	SW	3.3	3	W
20260311.21	0.37	SW	3.0	2	NW
20260312.00	0.37	SW	3.0	2	SW
20260312.03	0.40	S	3.0	5	E
20260312.06	0.43	SW	3.0	7	SE
20260312.09	0.43	SW	2.9	7	S
20260312.12	0.41	W	2.8	6	NE
20260312.15	0.42	NW	2.6	5	NE
20260312.18	0.42	N	2.5	2	E
20260312.21	0.42	NE	2.5	3	E
20260313.00	0.42	N	2.5	5	S
20260313.03	0.51	N	2.5	7	S
20260313.06	0.69	N	2.8	9	S
20260313.09	0.69	N	3.1	6	S
20260313.12	0.76	N	3.3	4	W
20260313.15	0.59	N	3.5	4	NW
20260313.18	0.49	N	3.7	5	N
20260313.21	0.46	N	3.8	4	N
20260314.00	0.47	NE	3.7	3	E
20260314.03	0.49	NE	3.6	2	E
20260314.06	0.48	NE	3.7	1	SW
20260314.09	0.48	NE	3.7	5	NW
20260314.12	0.57	E	3.3	8	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

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