

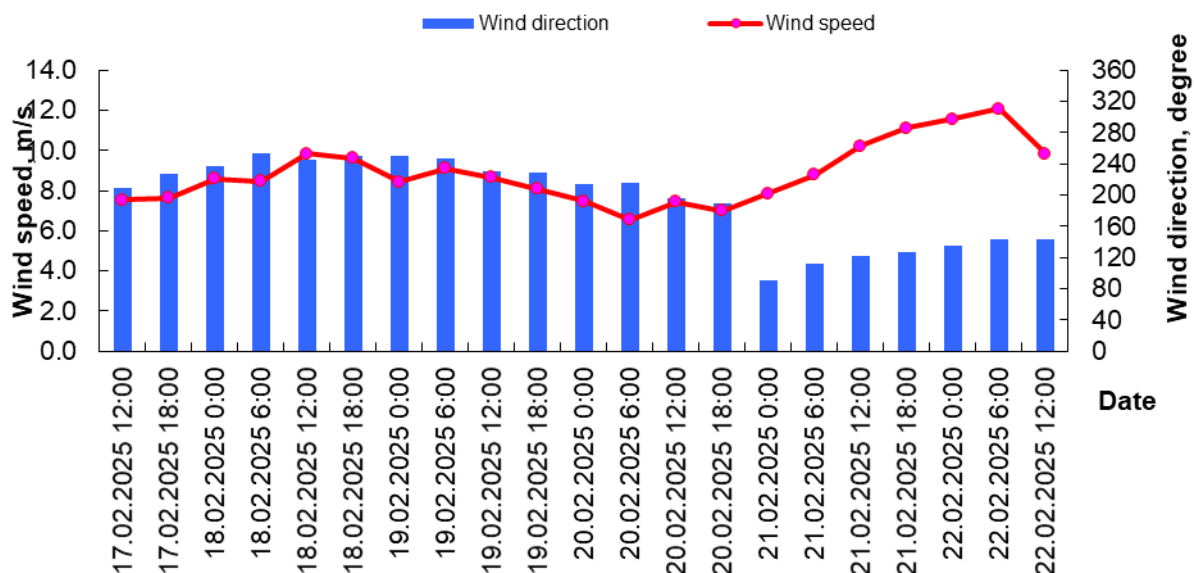


MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN

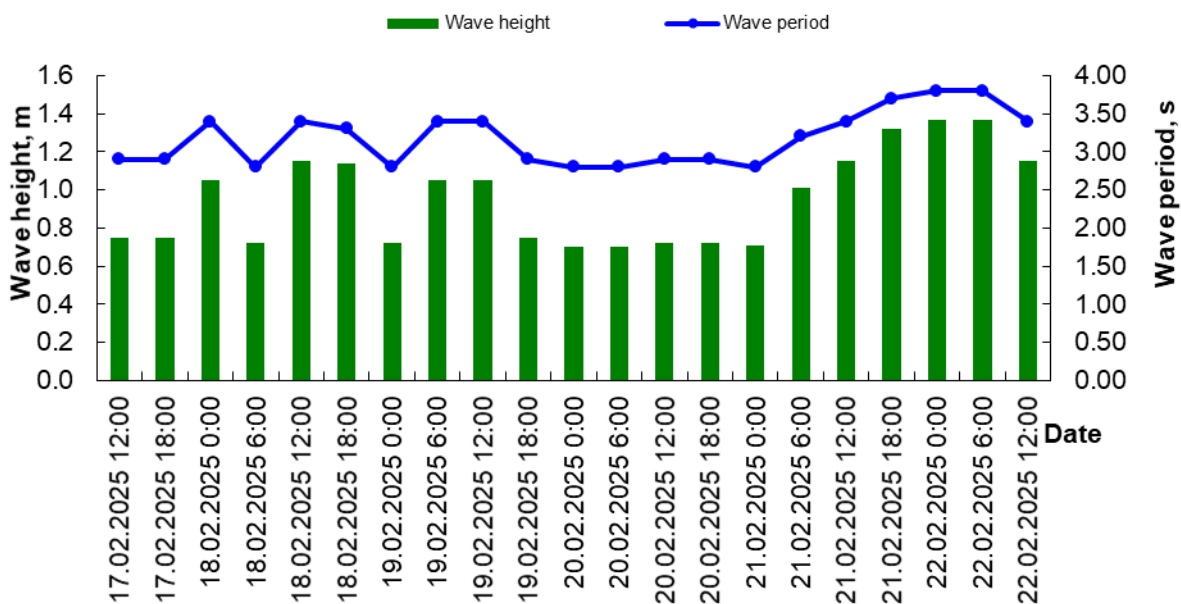
RSE «KAZHYDROMET»

Wave and wind forecast for the Middle part of the Caspian Sea with a 5-day
advance for the period February 17 – 22, 2025

Wind condition in the 21050 unit

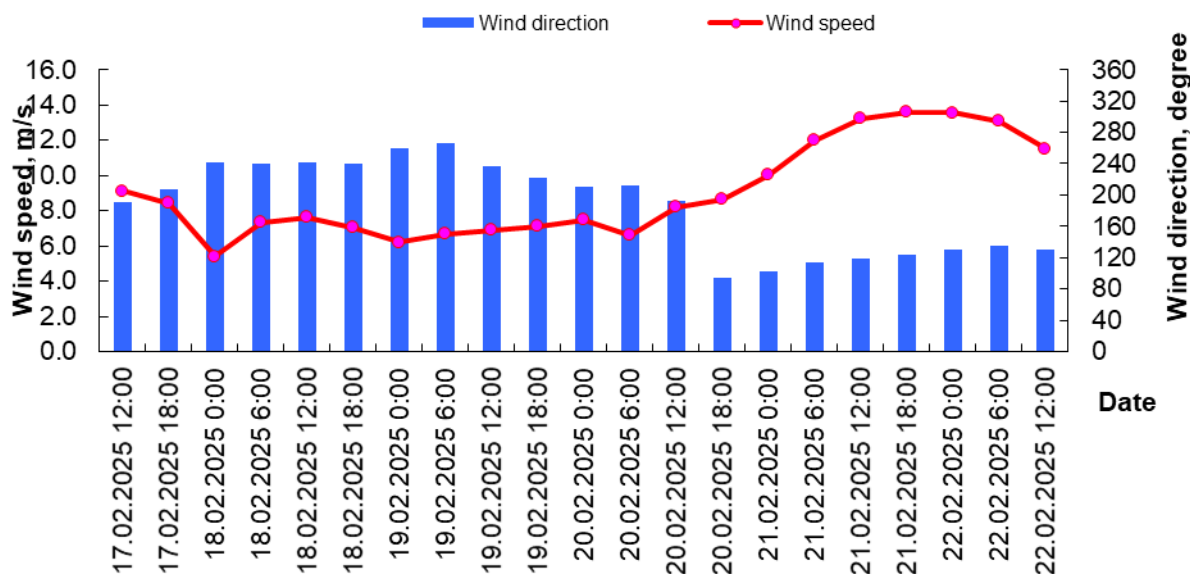


Wave condition in the 21050 unit

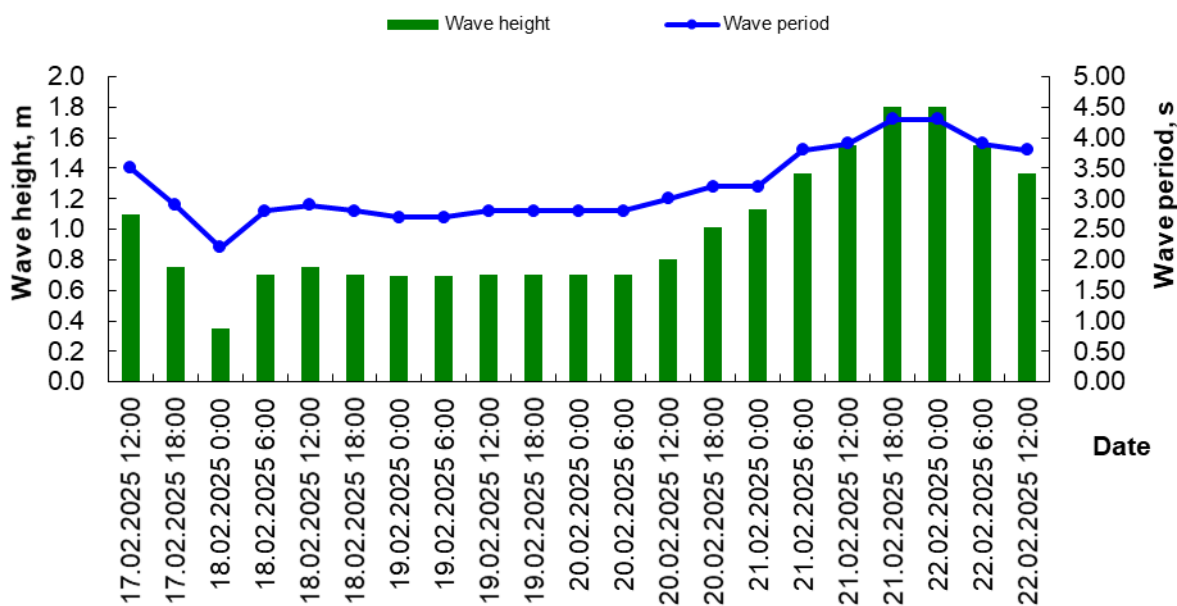


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
17.02.2025 12:00	8	S	0.75	2.90
17.02.2025 18:00	8	SW	0.75	2.90
18.02.2025 0:00	9	SW	1.05	3.40
18.02.2025 6:00	8	SW	0.72	2.80
18.02.2025 12:00	10	SW	1.15	3.40
18.02.2025 18:00	10	SW	1.14	3.30
19.02.2025 0:00	8	W	0.72	2.80
19.02.2025 6:00	9	W	1.05	3.40
19.02.2025 12:00	9	SW	1.05	3.40
19.02.2025 18:00	8	SW	0.75	2.90
20.02.2025 0:00	7	SW	0.70	2.80
20.02.2025 6:00	7	SW	0.70	2.80
20.02.2025 12:00	7	S	0.72	2.90
20.02.2025 18:00	7	E	0.72	2.90
21.02.2025 0:00	8	E	0.71	2.80
21.02.2025 6:00	9	SE	1.01	3.20
21.02.2025 12:00	10	SE	1.15	3.40
21.02.2025 18:00	11	SE	1.32	3.70
22.02.2025 0:00	12	SE	1.37	3.80
22.02.2025 6:00	12	SE	1.37	3.80
22.02.2025 12:00	10	SE	1.15	3.40

Wind condition in the 21141 unit

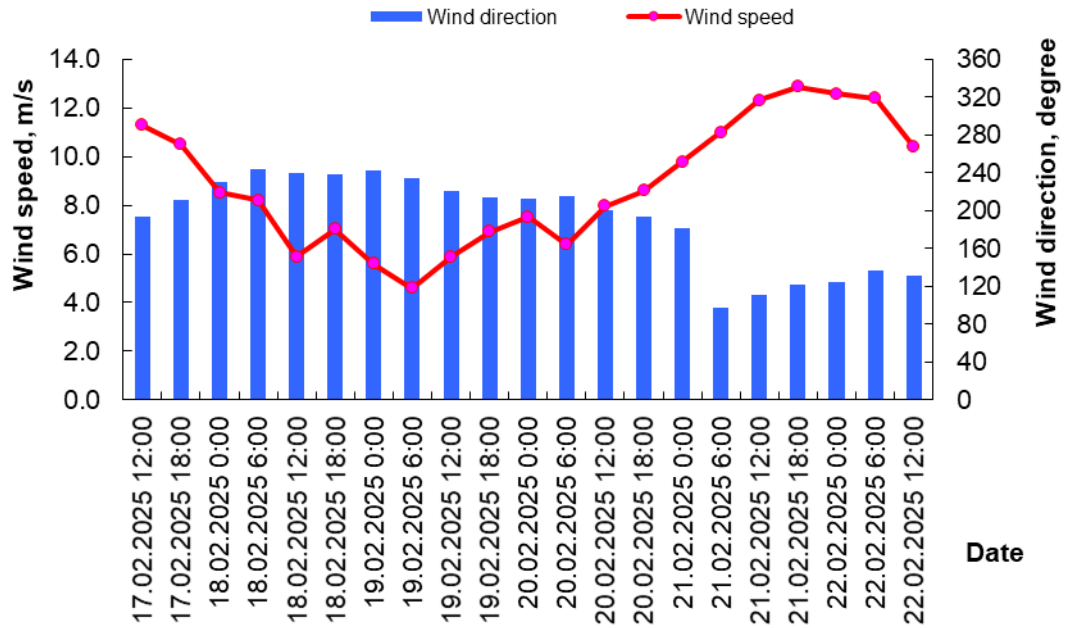


Wave condition in the 21141 unit

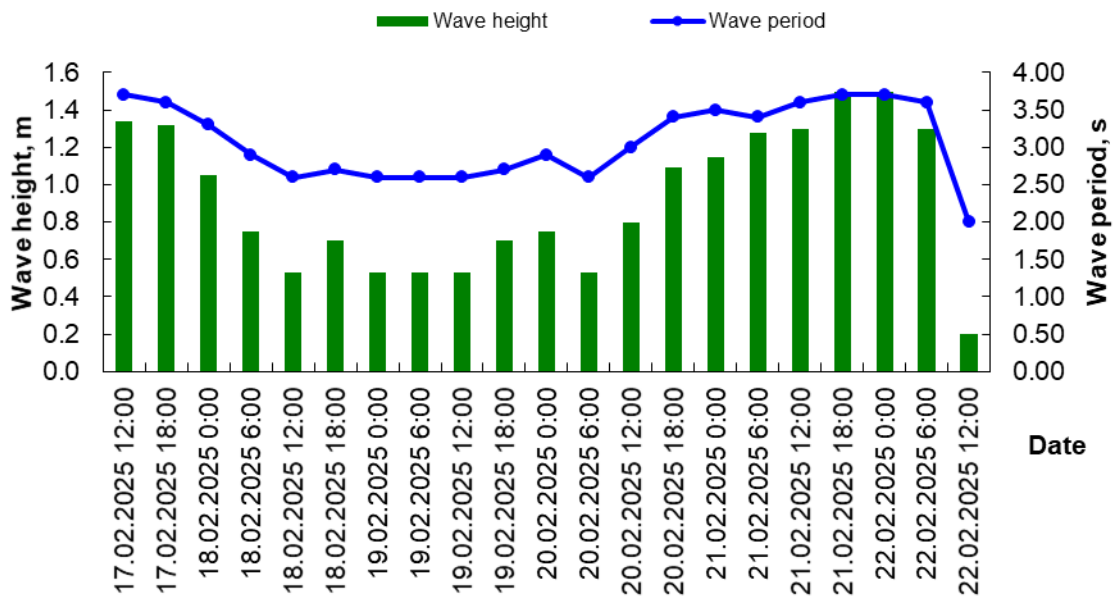


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
17.02.2025 12:00	9	S	1.10	3.50
17.02.2025 18:00	8	SW	0.75	2.90
18.02.2025 0:00	5	SW	0.35	2.20
18.02.2025 6:00	7	SW	0.70	2.80
18.02.2025 12:00	8	SW	0.75	2.90
18.02.2025 18:00	7	SW	0.70	2.80
19.02.2025 0:00	7	W	0.69	2.70
19.02.2025 6:00	7	W	0.69	2.70
19.02.2025 12:00	7	SW	0.70	2.80
19.02.2025 18:00	7	SW	0.70	2.80
20.02.2025 0:00	7	SW	0.70	2.80
20.02.2025 6:00	7	SW	0.70	2.80
20.02.2025 12:00	8	S	0.80	3.00
20.02.2025 18:00	9	E	1.01	3.20
21.02.2025 0:00	10	E	1.13	3.20
21.02.2025 6:00	12	SE	1.37	3.80
21.02.2025 12:00	13	SE	1.55	3.90
21.02.2025 18:00	14	SE	1.80	4.30
22.02.2025 0:00	14	SE	1.80	4.30
22.02.2025 6:00	13	SE	1.55	3.90
22.02.2025 12:00	12	SE	1.37	3.80

Wind condition in the 21142 unit

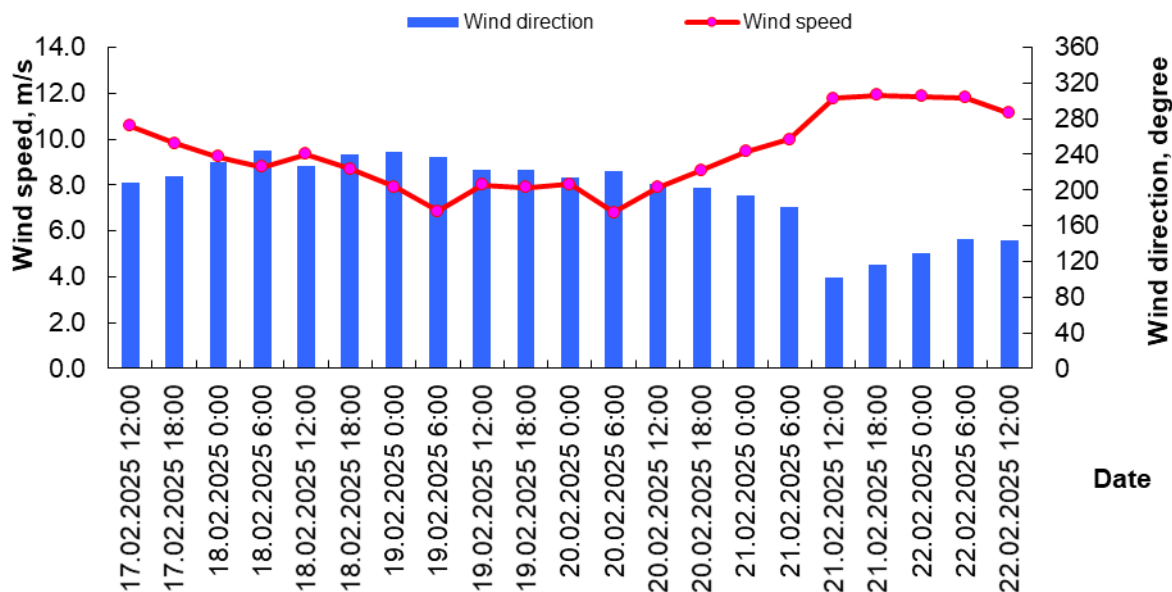


Wave condition in the 21142 unit

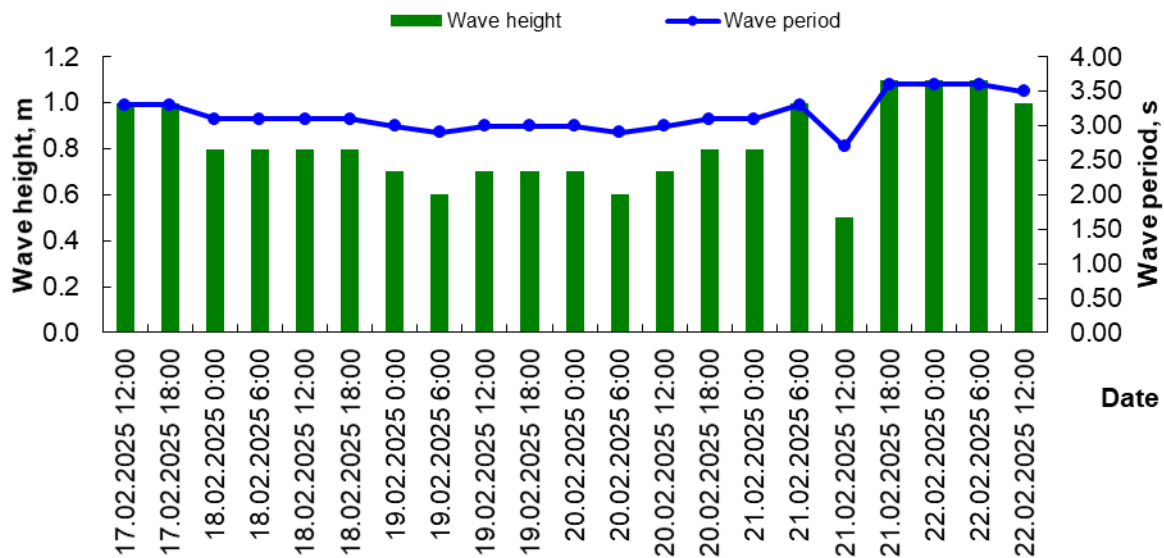


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
17.02.2025 12:00	11	S	1.34	3.70
17.02.2025 18:00	11	SW	1.32	3.60
18.02.2025 0:00	9	SW	1.05	3.30
18.02.2025 6:00	8	SW	0.75	2.90
18.02.2025 12:00	6	SW	0.53	2.60
18.02.2025 18:00	7	SW	0.70	2.70
19.02.2025 0:00	6	SW	0.53	2.60
19.02.2025 6:00	6	SW	0.53	2.60
19.02.2025 12:00	6	SW	0.53	2.60
19.02.2025 18:00	7	SW	0.70	2.70
20.02.2025 0:00	8	SW	0.75	2.90
20.02.2025 6:00	6	SW	0.53	2.60
20.02.2025 12:00	8	S	0.80	3.00
20.02.2025 18:00	9	S	1.09	3.40
21.02.2025 0:00	10	S	1.15	3.50
21.02.2025 6:00	11	E	1.28	3.40
21.02.2025 12:00	12	E	1.30	3.60
21.02.2025 18:00	13	SE	1.50	3.70
22.02.2025 0:00	13	SE	1.50	3.70
22.02.2025 6:00	12	SE	1.30	3.60
22.02.2025 12:00	5	SE	0.20	2.00

Wind condition in the Bautino Bay

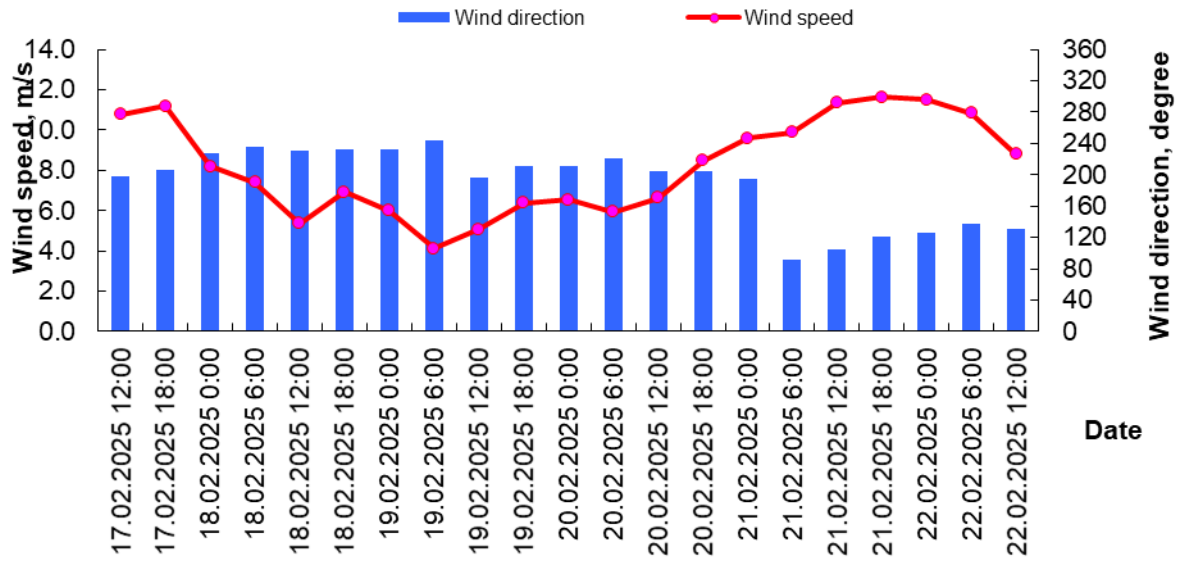


Wave condition in the Bautino Bay

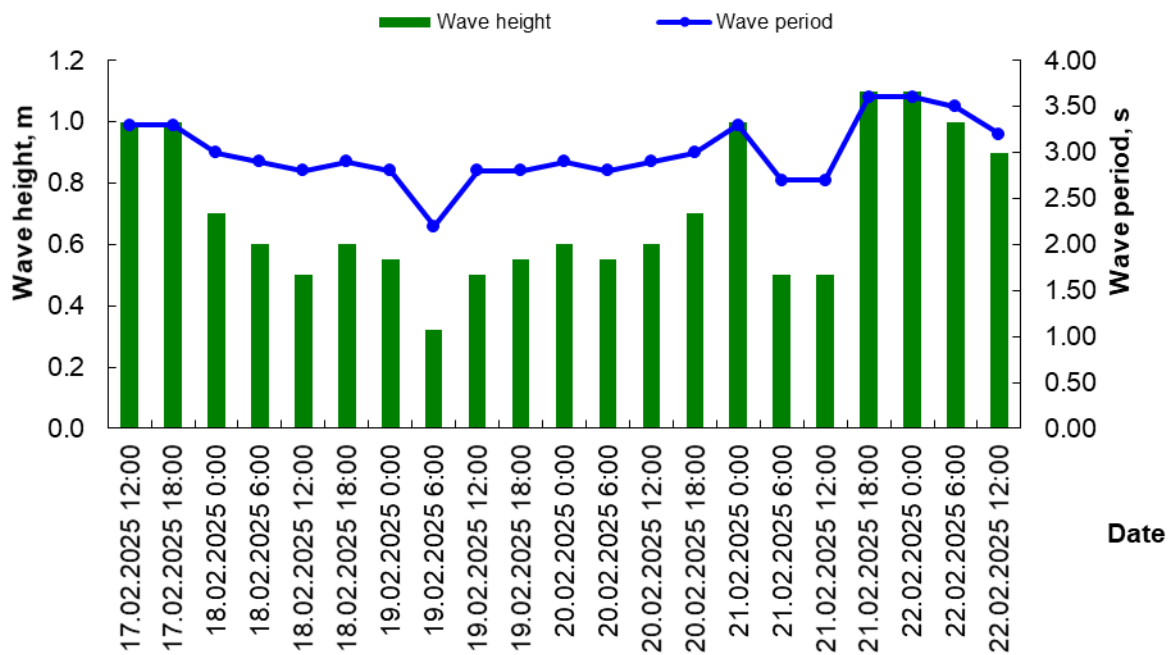


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
17.02.2025 12:00	11	SW	1.00	3.30
17.02.2025 18:00	10	SW	1.00	3.30
18.02.2025 0:00	9	SW	0.80	3.10
18.02.2025 6:00	9	SW	0.80	3.10
18.02.2025 12:00	9	SW	0.80	3.10
18.02.2025 18:00	9	SW	0.80	3.10
19.02.2025 0:00	8	SW	0.70	3.00
19.02.2025 6:00	7	SW	0.60	2.90
19.02.2025 12:00	8	SW	0.70	3.00
19.02.2025 18:00	8	SW	0.70	3.00
20.02.2025 0:00	8	SW	0.70	3.00
20.02.2025 6:00	7	SW	0.60	2.90
20.02.2025 12:00	8	SW	0.70	3.00
20.02.2025 18:00	9	S	0.80	3.10
21.02.2025 0:00	9	S	0.80	3.10
21.02.2025 6:00	10	S	1.00	3.30
21.02.2025 12:00	12	E	0.50	2.70
21.02.2025 18:00	12	SE	1.10	3.60
22.02.2025 0:00	12	SE	1.10	3.60
22.02.2025 6:00	12	SE	1.10	3.60
22.02.2025 12:00	11	SE	1.00	3.50

Wind condition in the Kuryik Bay



Wave condition in the Kuryik Bay



Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
17.02.2025 12:00	11	S	1.00	3.30
17.02.2025 18:00	11	SW	1.00	3.30
18.02.2025 0:00	8	SW	0.70	3.00
18.02.2025 6:00	7	SW	0.60	2.90
18.02.2025 12:00	5	SW	0.50	2.80
18.02.2025 18:00	7	SW	0.60	2.90
19.02.2025 0:00	6	SW	0.55	2.80
19.02.2025 6:00	4	SW	0.32	2.20
19.02.2025 12:00	5	S	0.50	2.80
19.02.2025 18:00	6	SW	0.55	2.80
20.02.2025 0:00	7	SW	0.60	2.90
20.02.2025 6:00	6	SW	0.55	2.80
20.02.2025 12:00	7	SW	0.60	2.90
20.02.2025 18:00	8	SW	0.70	3.00
21.02.2025 0:00	10	S	1.00	3.30
21.02.2025 6:00	10	E	0.50	2.70
21.02.2025 12:00	11	E	0.50	2.70
21.02.2025 18:00	12	SE	1.10	3.60
22.02.2025 0:00	12	SE	1.10	3.60
22.02.2025 6:00	11	SE	1.00	3.50
22.02.2025 12:00	9	SE	0.90	3.20

Made by: Bazarbay L.B.

Checked by: Yeltay A.G.