

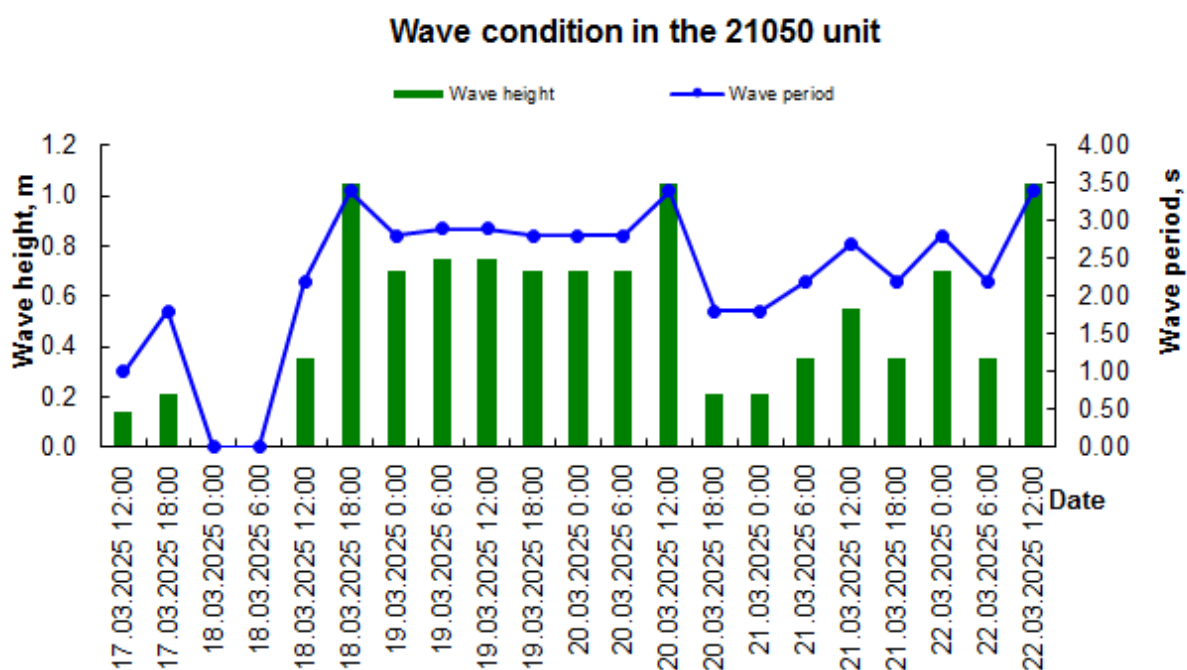
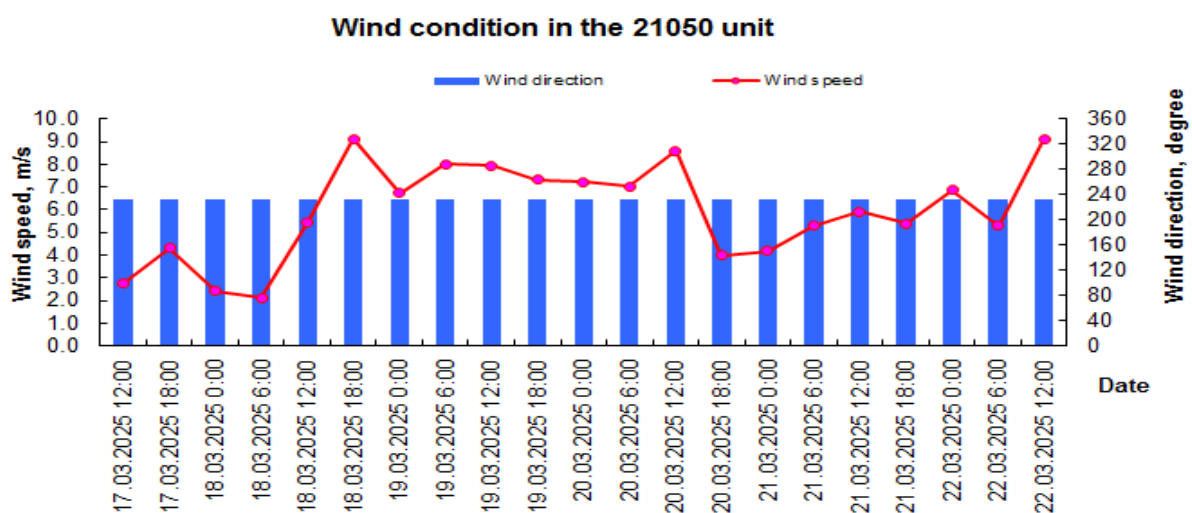


MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN

RSE «KAZHYDROMET»

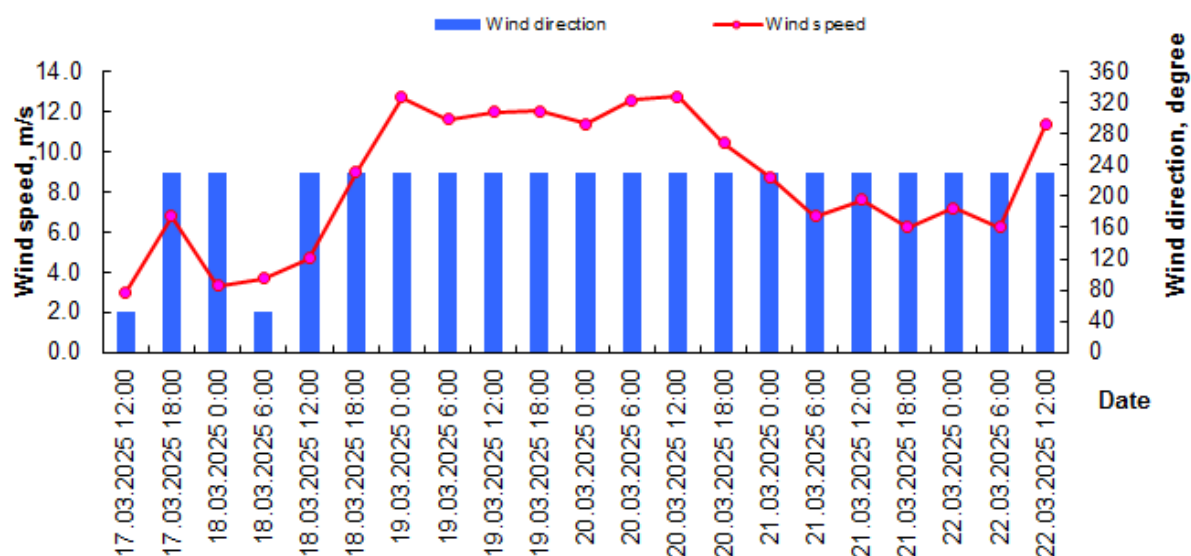
Wave and wind forecast for the Middle part of the Caspian Sea with a 5-day advance for the period

March 17-22, 2025

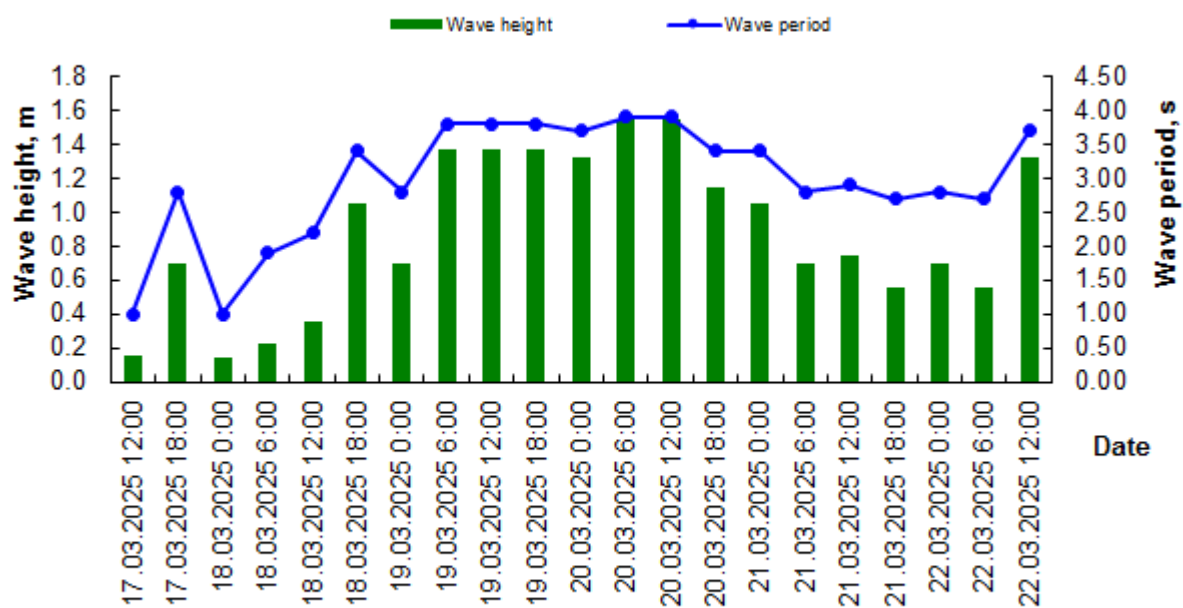


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
17.03.2025 12:00	3	NE	0.14	1.00
17.03.2025 18:00	4	SW	0.21	1.80
18.03.2025 0:00	2	SW	0.00	0.00
18.03.2025 6:00	2	NE	0.00	0.00
18.03.2025 12:00	5	SW	0.35	2.20
18.03.2025 18:00	9	SW	1.05	3.40
19.03.2025 0:00	7	SW	0.70	2.80
19.03.2025 6:00	8	SW	0.75	2.90
19.03.2025 12:00	8	SW	0.75	2.90
19.03.2025 18:00	7	SW	0.70	2.80
20.03.2025 0:00	7	SW	0.70	2.80
20.03.2025 6:00	7	SW	0.70	2.80
20.03.2025 12:00	9	SW	1.05	3.40
20.03.2025 18:00	4	SW	0.21	1.80
21.03.2025 0:00	4	SW	0.21	1.80
21.03.2025 6:00	5	SW	0.35	2.20
21.03.2025 12:00	6	SW	0.55	2.70
21.03.2025 18:00	5	SW	0.35	2.20
22.03.2025 0:00	7	SW	0.70	2.80
22.03.2025 6:00	5	SW	0.35	2.20
22.03.2025 12:00	9	SW	1.05	3.40

Wind condition in the 21141 unit

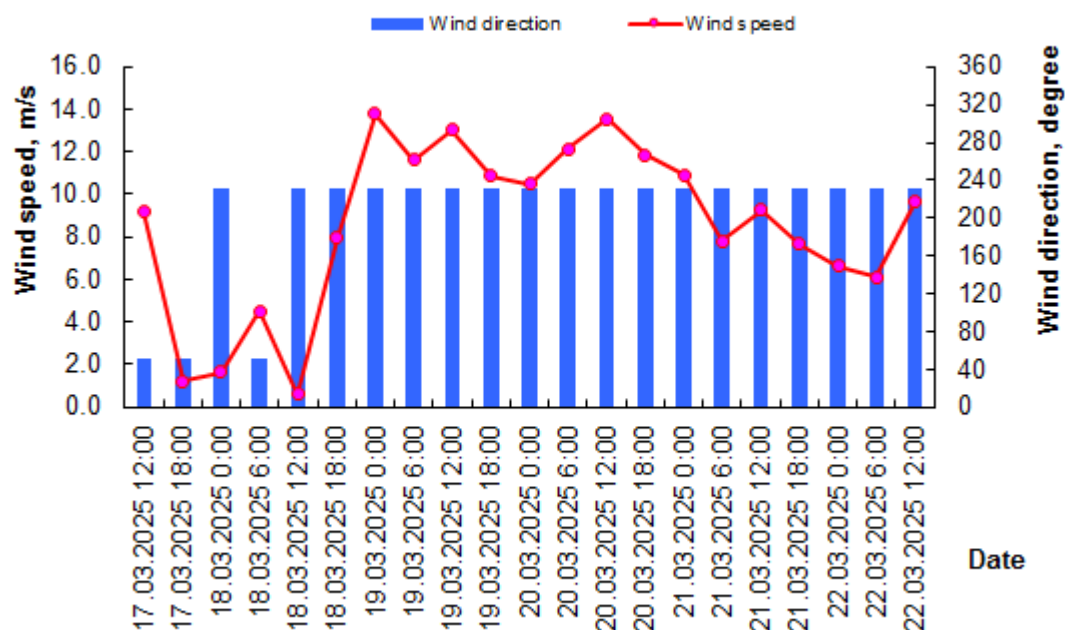


Wave condition in the 21141 unit

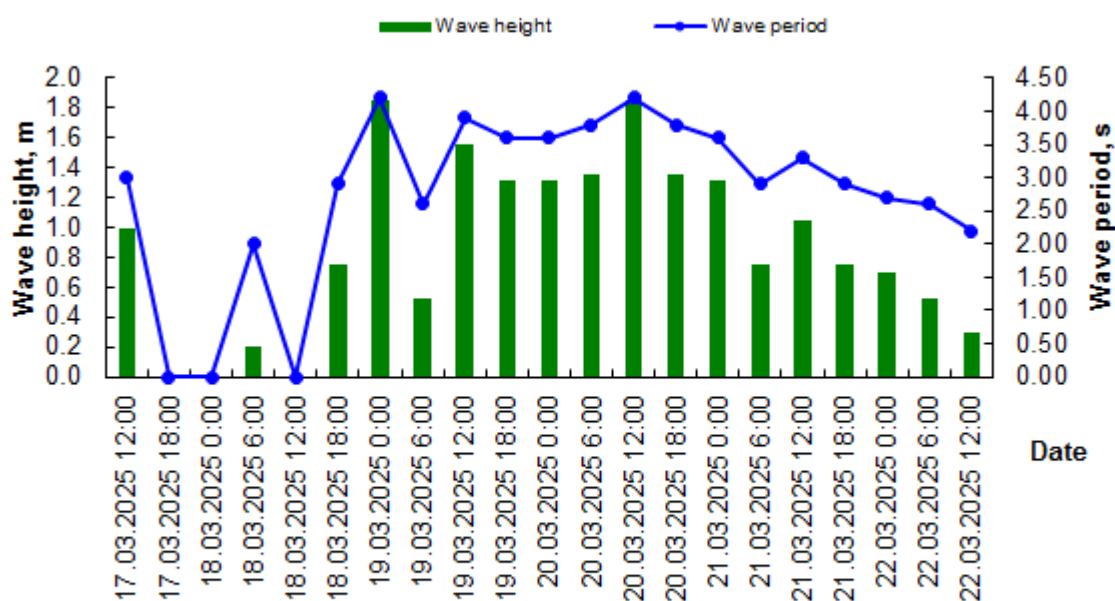


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
17.03.2025 12:00	3	NE	0.15	1.00
17.03.2025 18:00	7	SW	0.70	2.80
18.03.2025 0:00	3	SW	0.14	1.00
18.03.2025 6:00	4	NE	0.22	1.90
18.03.2025 12:00	5	SW	0.35	2.20
18.03.2025 18:00	9	SW	1.05	3.40
19.03.2025 0:00	7	SW	0.70	2.80
19.03.2025 6:00	12	SW	1.37	3.80
19.03.2025 12:00	12	SW	1.37	3.80
19.03.2025 18:00	12	SW	1.37	3.80
20.03.2025 0:00	11	SW	1.32	3.70
20.03.2025 6:00	13	SW	1.55	3.90
20.03.2025 12:00	13	SW	1.55	3.90
20.03.2025 18:00	10	SW	1.15	3.40
21.03.2025 0:00	9	SW	1.05	3.40
21.03.2025 6:00	7	SW	0.70	2.80
21.03.2025 12:00	8	SW	0.75	2.90
21.03.2025 18:00	6	SW	0.55	2.70
22.03.2025 0:00	7	SW	0.70	2.80
22.03.2025 6:00	6	SW	0.55	2.70
22.03.2025 12:00	11	SW	1.32	3.70

Wind condition in the 21142 unit

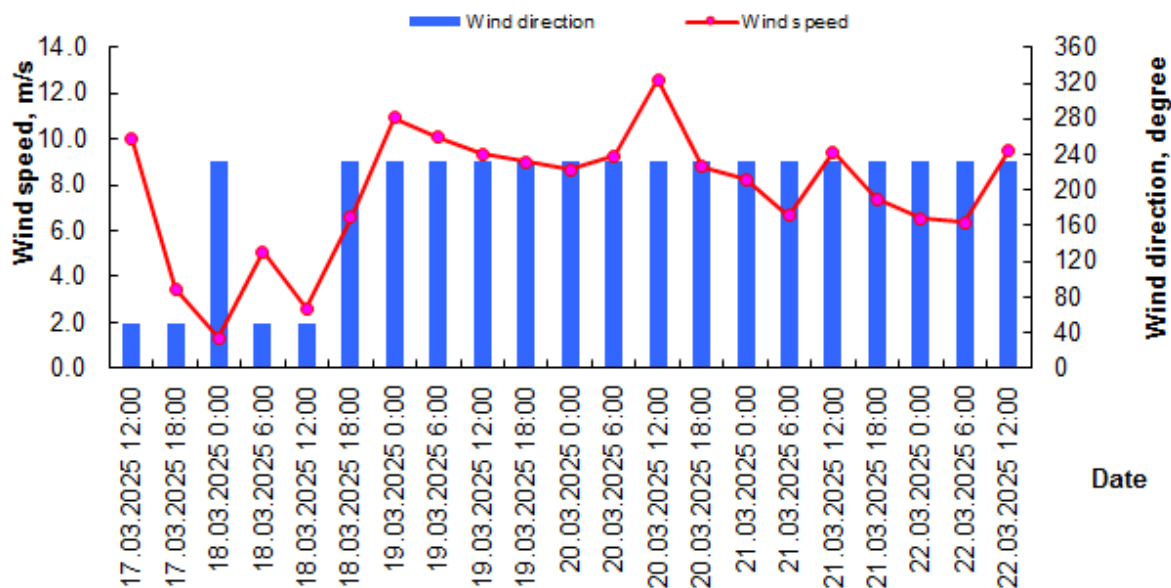


Wave condition in the 21142 unit

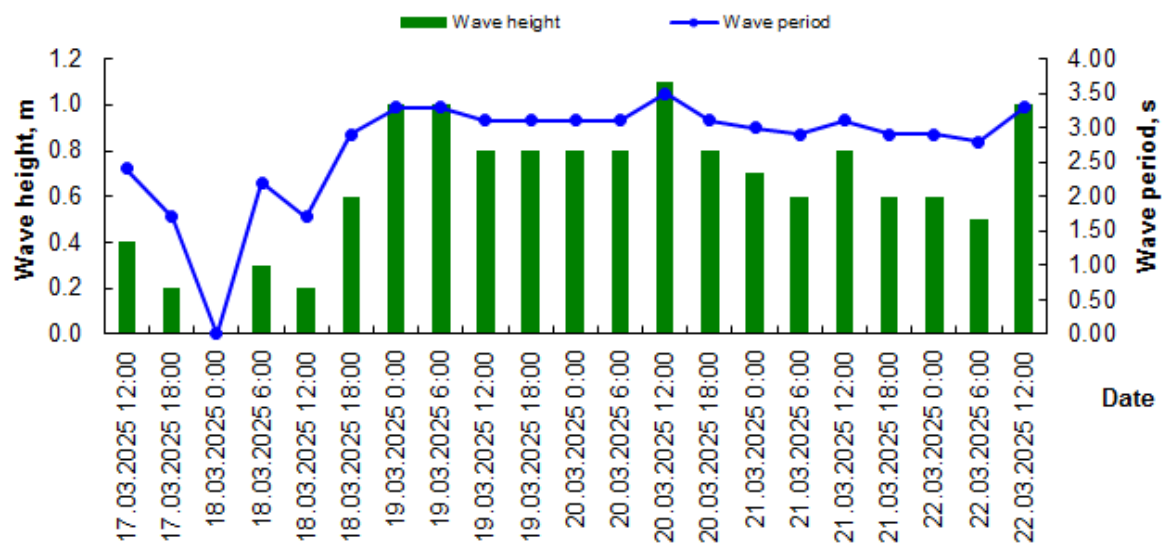


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
17.03.2025 12:00	9	NE	1.00	3.00
17.03.2025 18:00	1	NE	0.00	0.00
18.03.2025 0:00	2	SW	0.00	0.00
18.03.2025 6:00	5	NE	0.20	2.00
18.03.2025 12:00	1	SW	0.00	0.00
18.03.2025 18:00	8	SW	0.75	2.90
19.03.2025 0:00	14	SW	1.85	4.20
19.03.2025 6:00	6	SW	0.53	2.60
19.03.2025 12:00	13	SW	1.55	3.90
19.03.2025 18:00	11	SW	1.32	3.60
20.03.2025 0:00	11	SW	1.32	3.60
20.03.2025 6:00	12	SW	1.35	3.80
20.03.2025 12:00	14	SW	1.85	4.20
20.03.2025 18:00	12	SW	1.35	3.80
21.03.2025 0:00	11	SW	1.32	3.60
21.03.2025 6:00	8	SW	0.75	2.90
21.03.2025 12:00	9	SW	1.05	3.30
21.03.2025 18:00	8	SW	0.75	2.90
22.03.2025 0:00	7	SW	0.70	2.70
22.03.2025 6:00	6	SW	0.53	2.60
22.03.2025 12:00	5	SW	0.30	2.20

Wind condition in the Bautino Bay

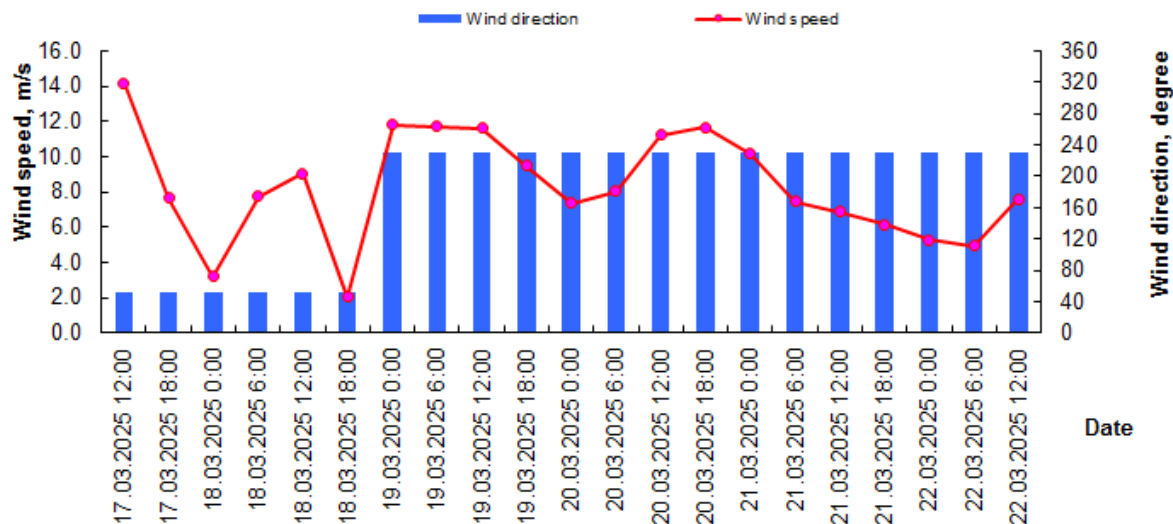


Wave condition in the Bautino Bay

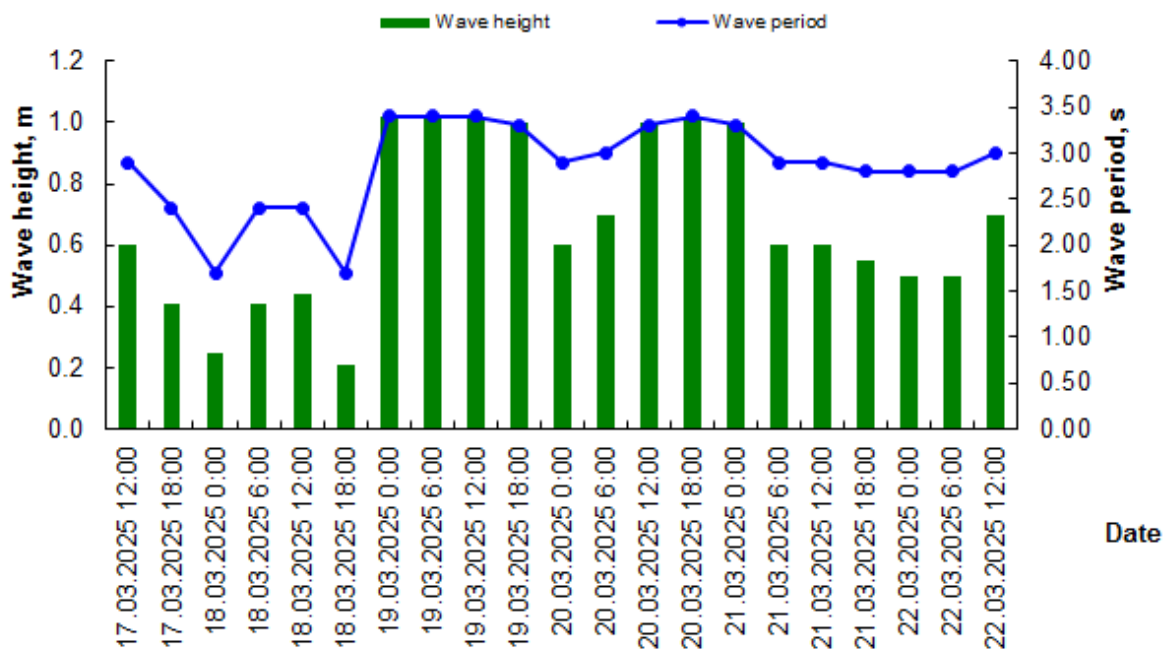


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
			H, m	t, s
	WS, m/s	WD, rumb		
17.03.2025 12:00	10	NE	0.40	2.40
17.03.2025 18:00	3	NE	0.20	1.70
18.03.2025 0:00	1	SW	0.00	0.00
18.03.2025 6:00	5	NE	0.30	2.20
18.03.2025 12:00	3	NE	0.20	1.70
18.03.2025 18:00	7	SW	0.60	2.90
19.03.2025 0:00	11	SW	1.00	3.30
19.03.2025 6:00	10	SW	1.00	3.30
19.03.2025 12:00	9	SW	0.80	3.10
19.03.2025 18:00	9	SW	0.80	3.10
20.03.2025 0:00	9	SW	0.80	3.10
20.03.2025 6:00	9	SW	0.80	3.10
20.03.2025 12:00	13	SW	1.10	3.50
20.03.2025 18:00	9	SW	0.80	3.10
21.03.2025 0:00	8	SW	0.70	3.00
21.03.2025 6:00	7	SW	0.60	2.90
21.03.2025 12:00	9	SW	0.80	3.10
21.03.2025 18:00	7	SW	0.60	2.90
22.03.2025 0:00	7	SW	0.60	2.90
22.03.2025 6:00	6	SW	0.50	2.80
22.03.2025 12:00	10	SW	1.00	3.30

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
17.03.2025 12:00	14	NE	0.60	2.90
17.03.2025 18:00	8	NE	0.41	2.40
18.03.2025 0:00	3	NE	0.25	1.70
18.03.2025 6:00	8	NE	0.41	2.40
18.03.2025 12:00	9	NE	0.44	2.40
18.03.2025 18:00	2	NE	0.21	1.70
19.03.2025 0:00	12	SW	1.02	3.40
19.03.2025 6:00	12	SW	1.02	3.40
19.03.2025 12:00	12	SW	1.02	3.40
19.03.2025 18:00	10	SW	1.00	3.30
20.03.2025 0:00	7	SW	0.60	2.90
20.03.2025 6:00	8	SW	0.70	3.00
20.03.2025 12:00	11	SW	1.00	3.30
20.03.2025 18:00	12	SW	1.02	3.40
21.03.2025 0:00	10	SW	1.00	3.30
21.03.2025 6:00	7	SW	0.60	2.90
21.03.2025 12:00	7	SW	0.60	2.90
21.03.2025 18:00	6	SW	0.55	2.80
22.03.2025 0:00	5	SW	0.50	2.80
22.03.2025 6:00	5	SW	0.50	2.80
22.03.2025 12:00	8	SW	0.70	3.00

Made by: Kurmangalieva A.K.

Checked by: Shishkina G.