

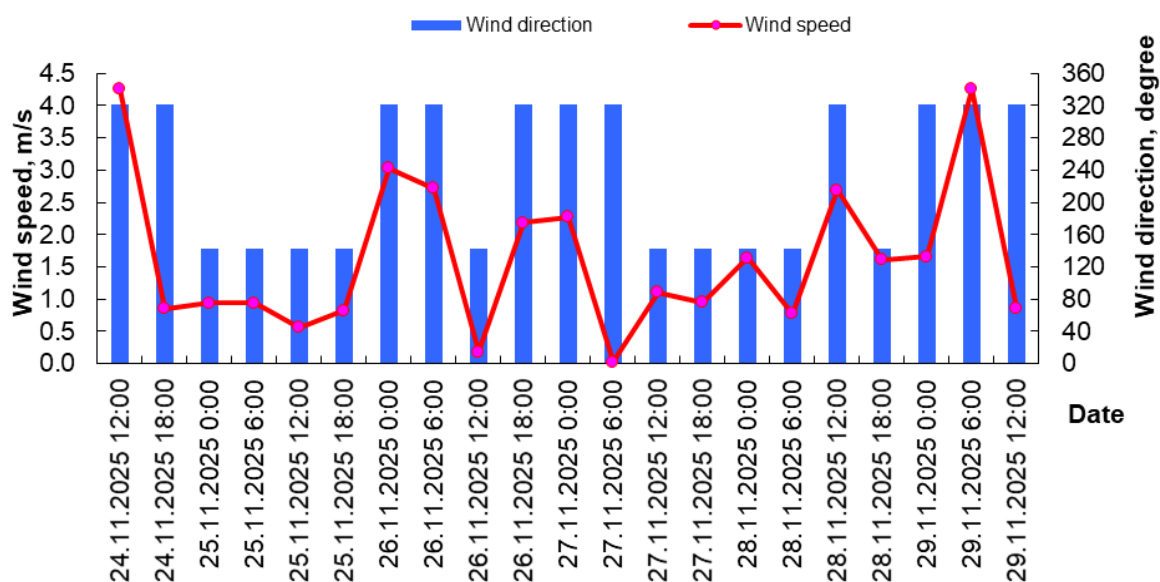


MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN

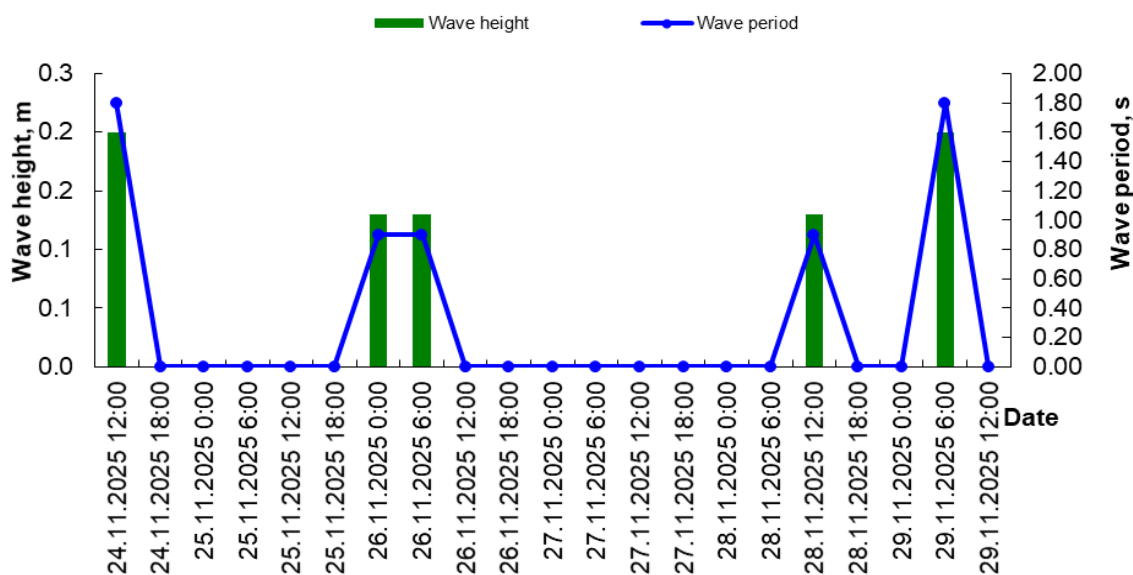
RSE «KAZHYDROMET»

Wave and wind forecast for the Middle part of the Caspian Sea with a 5-day
advance for the period November 24 – 29, 2025

Wind condition in the 21050 unit

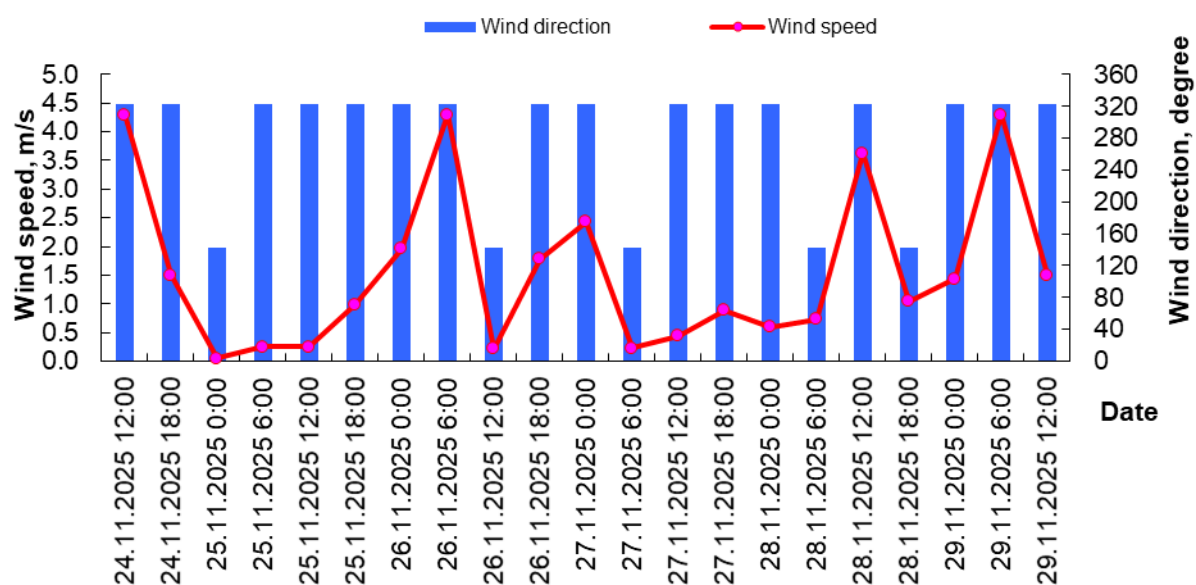


Wave condition in the 21050 unit

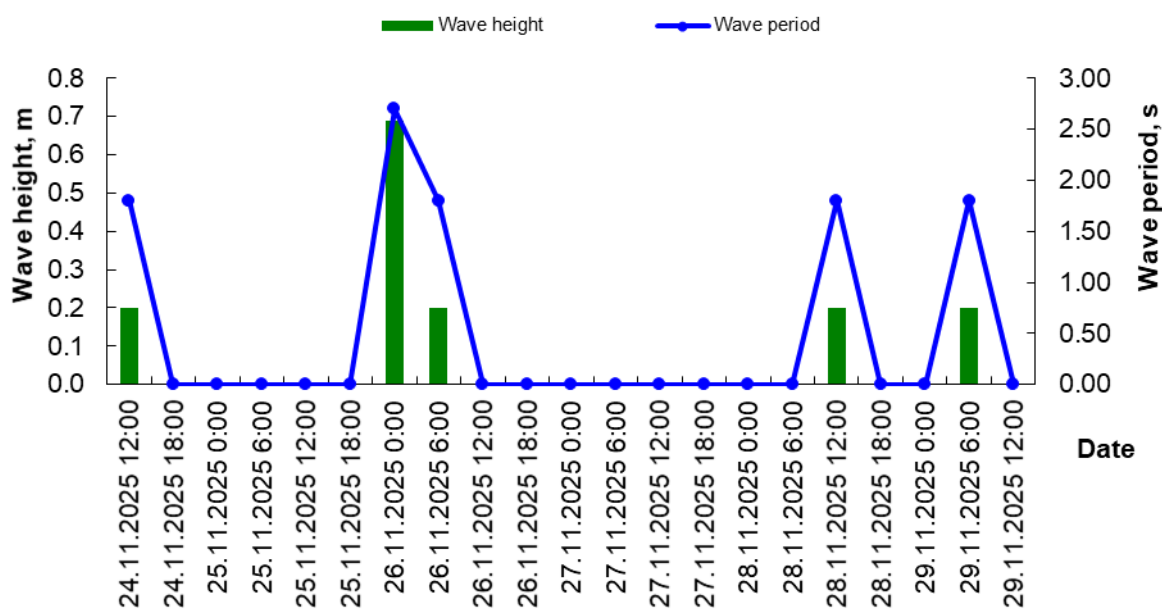


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
24.11.2025 12:00	4	NW	0.20	1.80
24.11.2025 18:00	1	NW	0.00	0.00
25.11.2025 0:00	1	SE	0.00	0.00
25.11.2025 6:00	1	NW	0.00	0.00
25.11.2025 12:00	1	NW	0.00	0.00
25.11.2025 18:00	1	NW	0.00	0.00
26.11.2025 0:00	3	NW	0.13	0.90
26.11.2025 6:00	3	NW	0.13	0.90
26.11.2025 12:00	0	SE	0.00	0.00
26.11.2025 18:00	2	NW	0.00	0.00
27.11.2025 0:00	2	NW	0.00	0.00
27.11.2025 6:00	0	SE	0.00	0.00
27.11.2025 12:00	1	NW	0.00	0.00
27.11.2025 18:00	1	NW	0.00	0.00
28.11.2025 0:00	2	NW	0.00	0.00
28.11.2025 6:00	1	SE	0.00	0.00
28.11.2025 12:00	3	NW	0.13	0.90
28.11.2025 18:00	2	SE	0.00	0.00
29.11.2025 0:00	2	NW	0.00	0.00
29.11.2025 6:00	4	NW	0.20	1.80
29.11.2025 12:00	1	NW	0.00	0.00

Wind condition in the 21141 unit

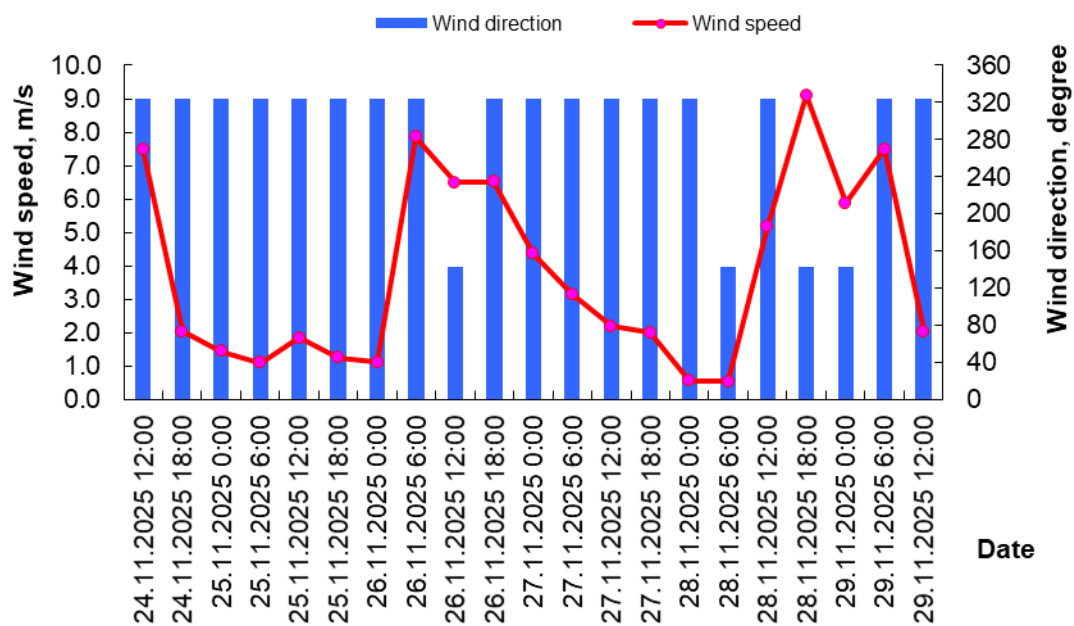


Wave condition in the 21141 unit

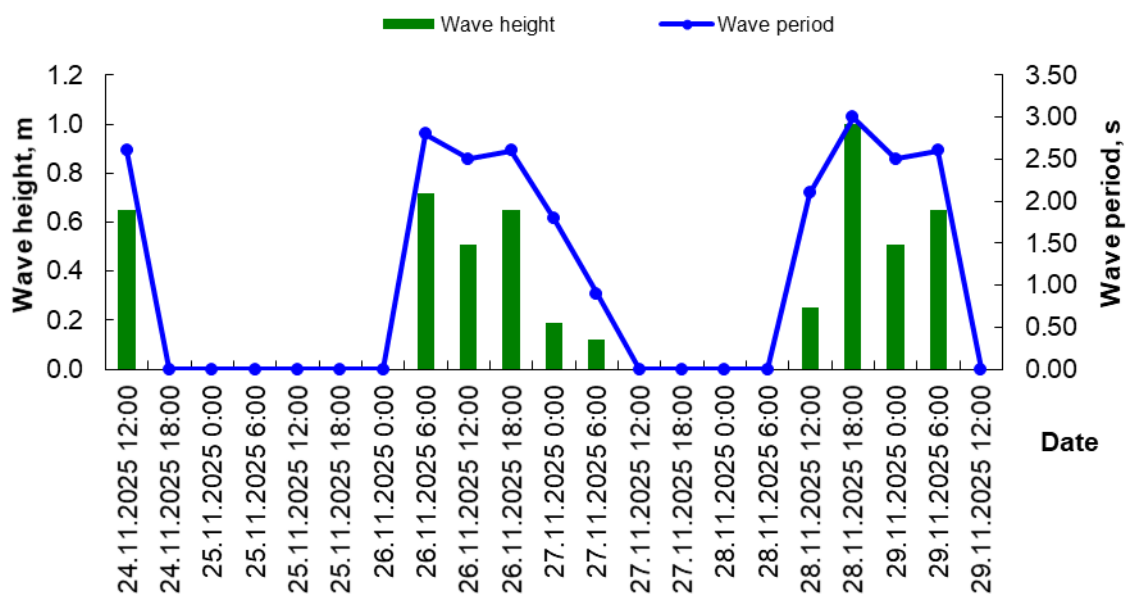


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
24.11.2025 12:00	4	NW	0.20	1.80
24.11.2025 18:00	2	NW	0.00	0.00
25.11.2025 0:00	0	SE	0.00	0.00
25.11.2025 6:00	0	NW	0.00	0.00
25.11.2025 12:00	0	NW	0.00	0.00
25.11.2025 18:00	1	NW	0.00	0.00
26.11.2025 0:00	7	NW	0.69	2.70
26.11.2025 6:00	4	NW	0.20	1.80
26.11.2025 12:00	0	SE	0.00	0.00
26.11.2025 18:00	2	NW	0.00	0.00
27.11.2025 0:00	2	NW	0.00	0.00
27.11.2025 6:00	0	SE	0.00	0.00
27.11.2025 12:00	0	NW	0.00	0.00
27.11.2025 18:00	1	NW	0.00	0.00
28.11.2025 0:00	1	NW	0.00	0.00
28.11.2025 6:00	1	SE	0.00	0.00
28.11.2025 12:00	4	NW	0.20	1.80
28.11.2025 18:00	1	SE	0.00	0.00
29.11.2025 0:00	1	NW	0.00	0.00
29.11.2025 6:00	4	NW	0.20	1.80
29.11.2025 12:00	2	NW	0.00	0.00

Wind condition in the 21142 unit

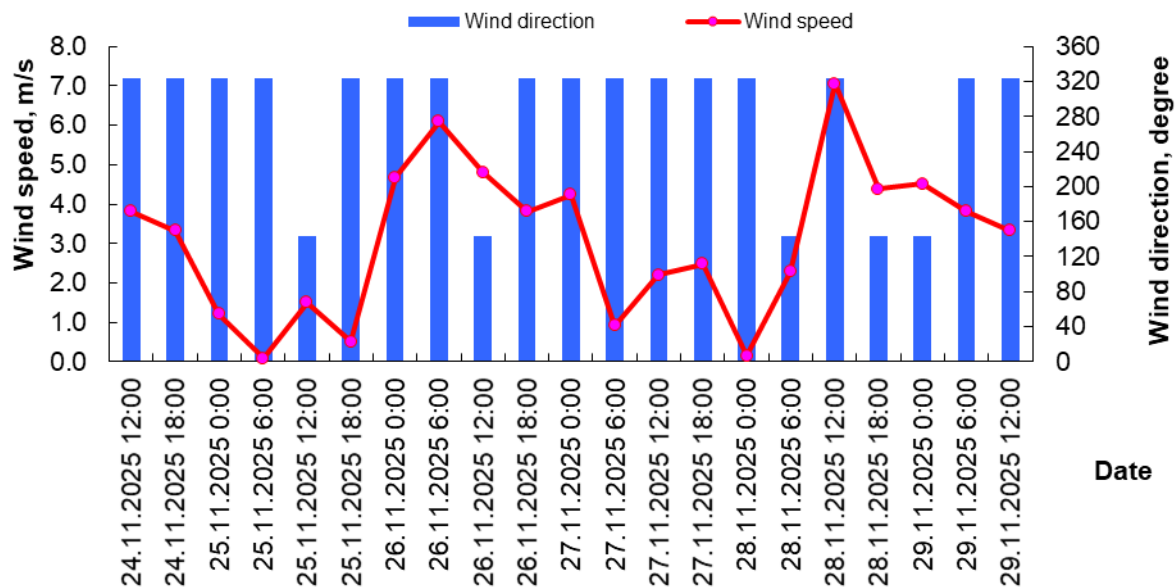


Wave condition in the 21142 unit

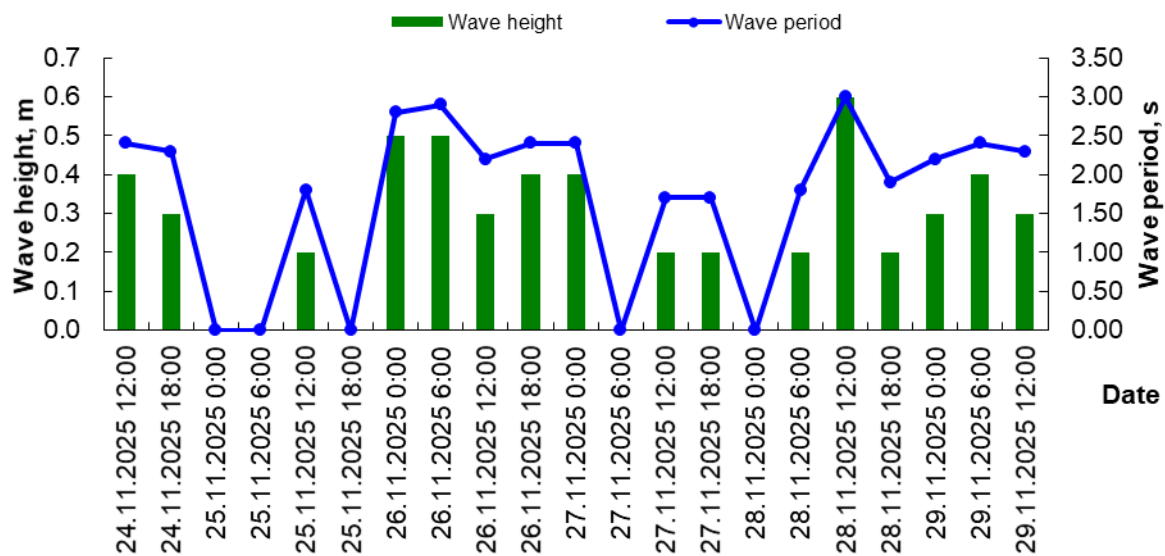


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
24.11.2025 12:00	7	NW	0.65	2.60
24.11.2025 18:00	2	NW	0.00	0.00
25.11.2025 0:00	1	NW	0.00	0.00
25.11.2025 6:00	1	NW	0.00	0.00
25.11.2025 12:00	2	NW	0.00	0.00
25.11.2025 18:00	1	NW	0.00	0.00
26.11.2025 0:00	1	NW	0.00	0.00
26.11.2025 6:00	8	NW	0.72	2.80
26.11.2025 12:00	6	SE	0.51	2.50
26.11.2025 18:00	7	NW	0.65	2.60
27.11.2025 0:00	4	NW	0.19	1.80
27.11.2025 6:00	3	NW	0.12	0.90
27.11.2025 12:00	2	NW	0.00	0.00
27.11.2025 18:00	2	NW	0.00	0.00
28.11.2025 0:00	1	NW	0.00	0.00
28.11.2025 6:00	1	SE	0.00	0.00
28.11.2025 12:00	5	NW	0.25	2.10
28.11.2025 18:00	9	SE	1.00	3.00
29.11.2025 0:00	6	SE	0.51	2.50
29.11.2025 6:00	7	NW	0.65	2.60
29.11.2025 12:00	2	NW	0.00	0.00

Wind condition in the Bautino Bay

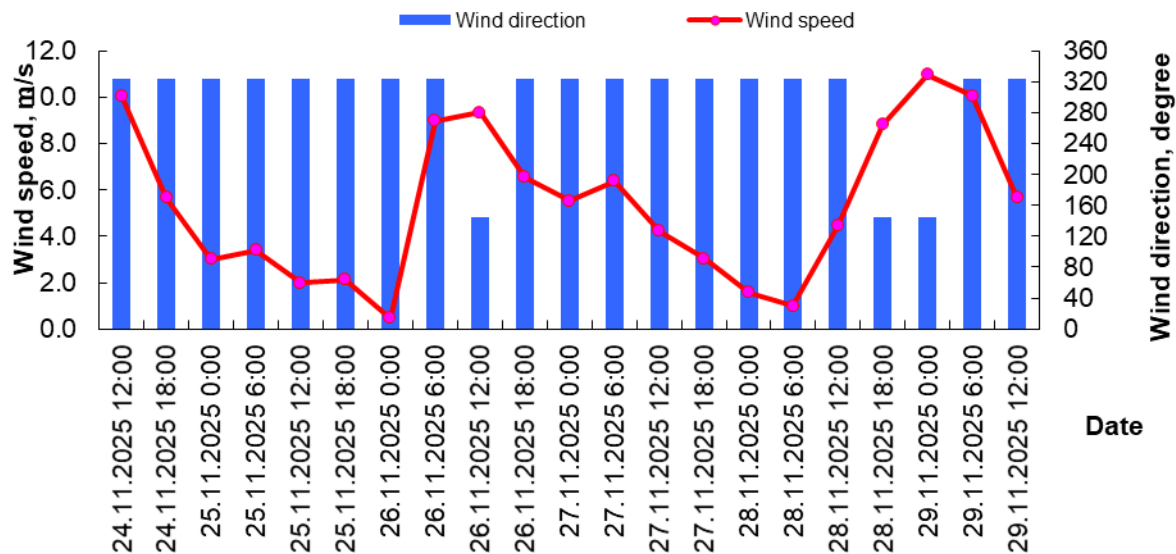


Wave condition in the Bautino Bay

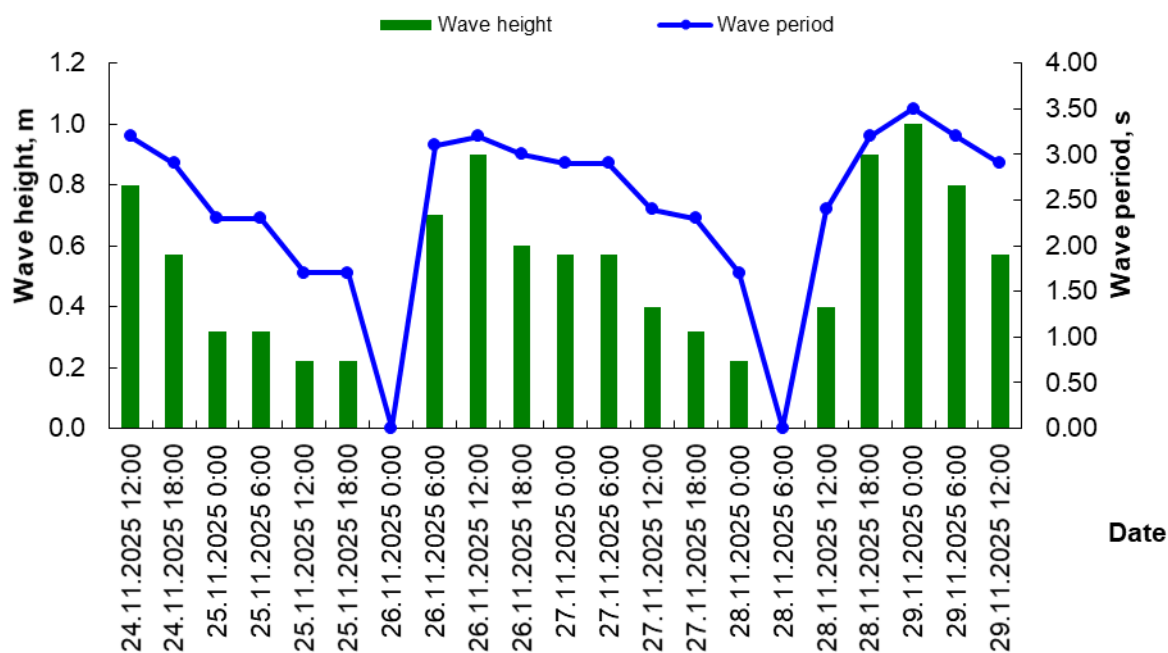


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
			H, m	t, s
	WS, m/s	WD, rumb		
24.11.2025 12:00	4	NW	0.40	2.40
24.11.2025 18:00	3	NW	0.30	2.30
25.11.2025 0:00	1	NW	0.00	0.00
25.11.2025 6:00	0	NW	0.00	0.00
25.11.2025 12:00	2	SE	0.20	1.80
25.11.2025 18:00	1	NW	0.00	0.00
26.11.2025 0:00	5	NW	0.50	2.80
26.11.2025 6:00	6	NW	0.50	2.90
26.11.2025 12:00	5	SE	0.30	2.20
26.11.2025 18:00	4	NW	0.40	2.40
27.11.2025 0:00	4	NW	0.40	2.40
27.11.2025 6:00	1	NW	0.00	0.00
27.11.2025 12:00	2	NW	0.20	1.70
27.11.2025 18:00	2	NW	0.20	1.70
28.11.2025 0:00	0	NW	0.00	0.00
28.11.2025 6:00	2	SE	0.20	1.80
28.11.2025 12:00	7	NW	0.60	3.00
28.11.2025 18:00	4	SE	0.20	1.90
29.11.2025 0:00	5	SE	0.30	2.20
29.11.2025 6:00	4	NW	0.40	2.40
29.11.2025 12:00	3	NW	0.30	2.30

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
24.11.2025 12:00	10	NW	0.80	3.20
24.11.2025 18:00	6	NW	0.57	2.90
25.11.2025 0:00	3	NW	0.32	2.30
25.11.2025 6:00	3	NW	0.32	2.30
25.11.2025 12:00	2	NW	0.22	1.70
25.11.2025 18:00	2	NW	0.22	1.70
26.11.2025 0:00	0	NW	0.00	0.00
26.11.2025 6:00	9	NW	0.70	3.10
26.11.2025 12:00	9	SE	0.90	3.20
26.11.2025 18:00	7	NW	0.60	3.00
27.11.2025 0:00	6	NW	0.57	2.90
27.11.2025 6:00	6	NW	0.57	2.90
27.11.2025 12:00	4	NW	0.40	2.40
27.11.2025 18:00	3	NW	0.32	2.30
28.11.2025 0:00	2	NW	0.22	1.70
28.11.2025 6:00	1	NW	0.00	0.00
28.11.2025 12:00	4	NW	0.40	2.40
28.11.2025 18:00	9	SE	0.90	3.20
29.11.2025 0:00	11	SE	1.00	3.50
29.11.2025 6:00	10	NW	0.80	3.20
29.11.2025 12:00	6	NW	0.57	2.90

Made by: Zhagparova N.N.

Checked by: Shiskina G.M.