

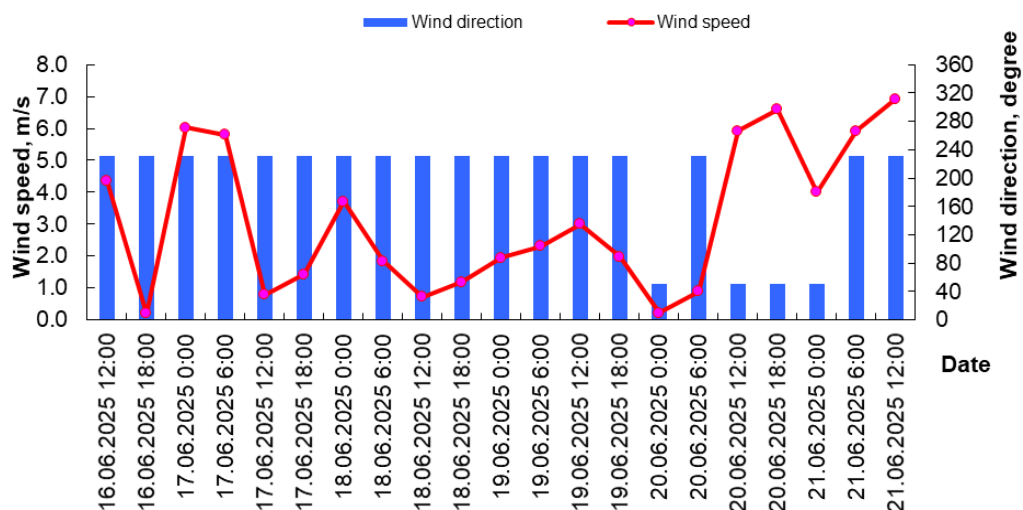


MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN

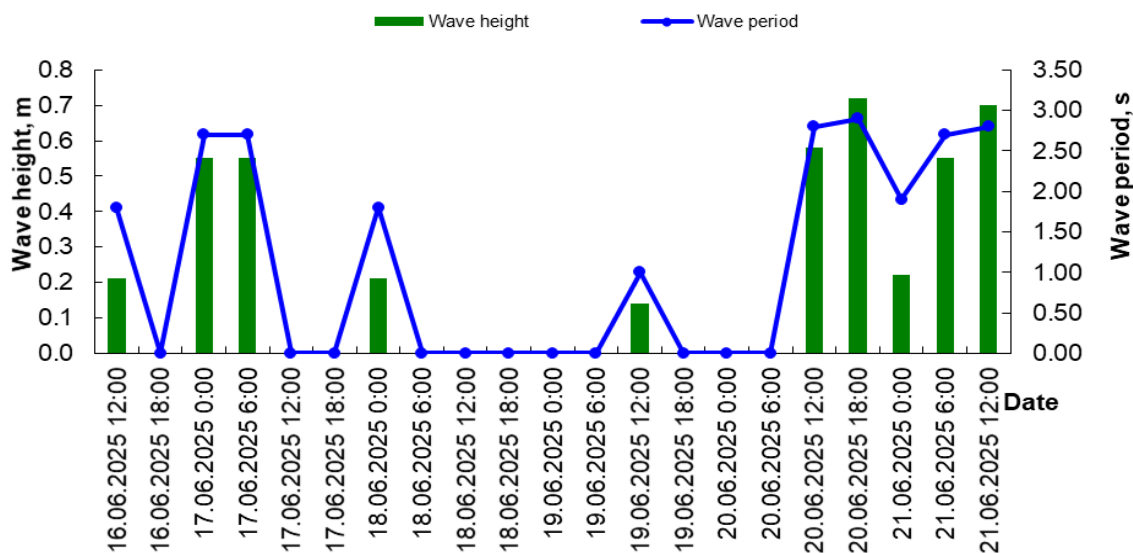
RSE «KAZHYDROMET»

Wave and wind forecast for the Middle part of the Caspian Sea with a 5-day
advance for the period June 16 – 21, 2025

Wind condition in the 21050 unit

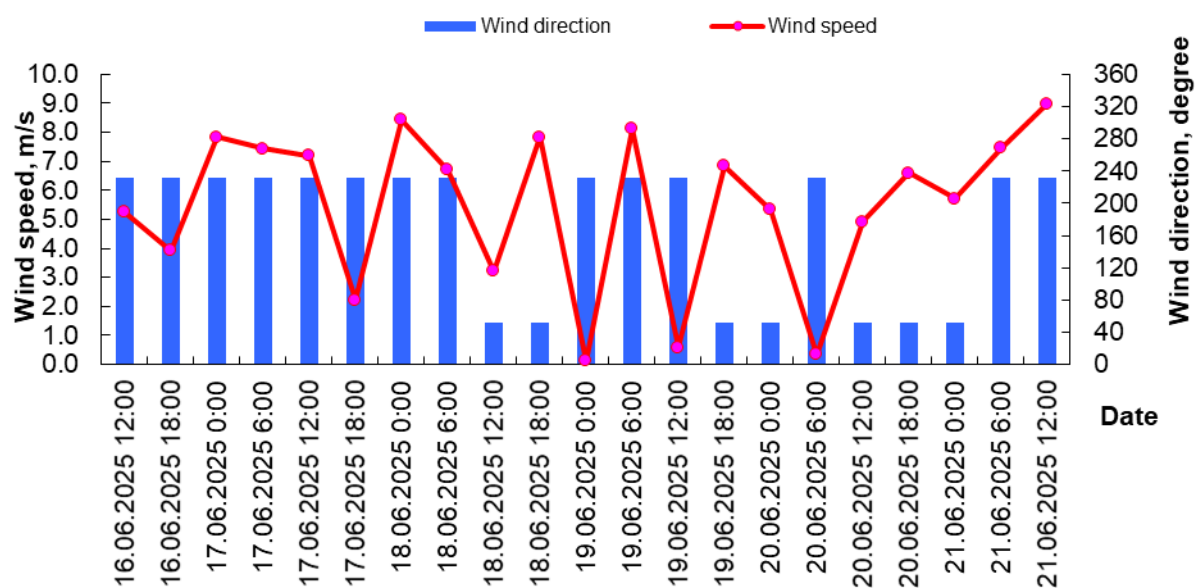


Wave condition in the 21050 unit

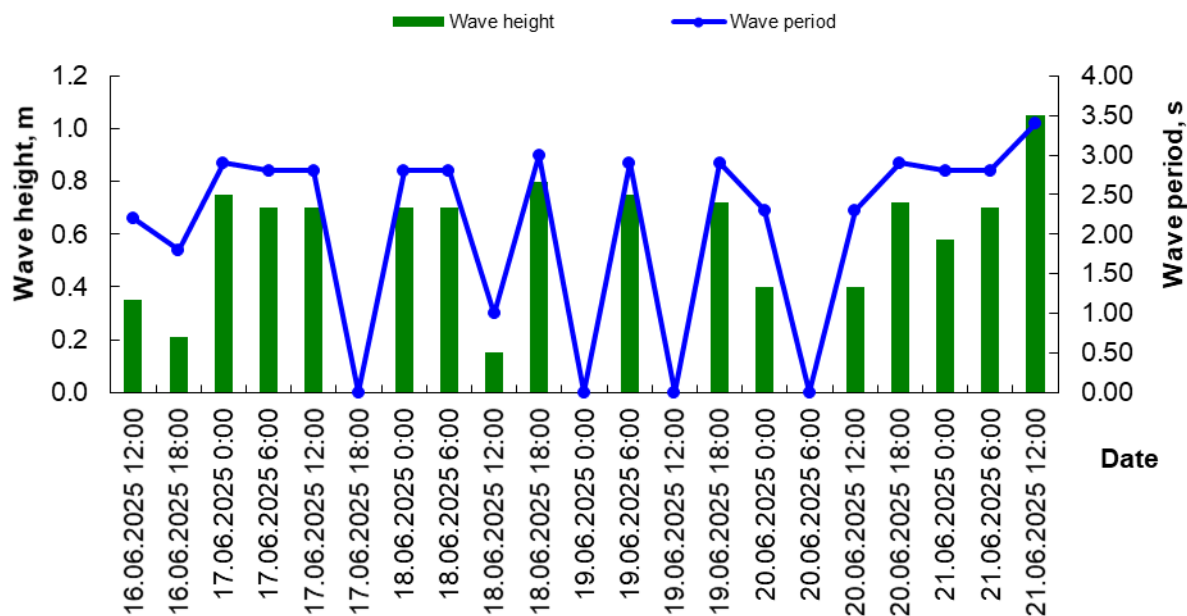


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
16.06.2025 12:00	4	SW	0.21	1.80
16.06.2025 18:00	0	SW	0.00	0.00
17.06.2025 0:00	6	SW	0.55	2.70
17.06.2025 6:00	6	SW	0.55	2.70
17.06.2025 12:00	1	SW	0.00	0.00
17.06.2025 18:00	1	SW	0.00	0.00
18.06.2025 0:00	4	SW	0.21	1.80
18.06.2025 6:00	2	SW	0.00	0.00
18.06.2025 12:00	1	NE	0.00	0.00
18.06.2025 18:00	1	NE	0.00	0.00
19.06.2025 0:00	2	SW	0.00	0.00
19.06.2025 6:00	2	SW	0.00	0.00
19.06.2025 12:00	3	SW	0.14	1.00
19.06.2025 18:00	2	NE	0.00	0.00
20.06.2025 0:00	0	NE	0.00	0.00
20.06.2025 6:00	1	SW	0.00	0.00
20.06.2025 12:00	6	NE	0.58	2.80
20.06.2025 18:00	7	NE	0.72	2.90
21.06.2025 0:00	4	NE	0.22	1.90
21.06.2025 6:00	6	SW	0.55	2.70
21.06.2025 12:00	7	SW	0.70	2.80

Wind condition in the 21141 unit

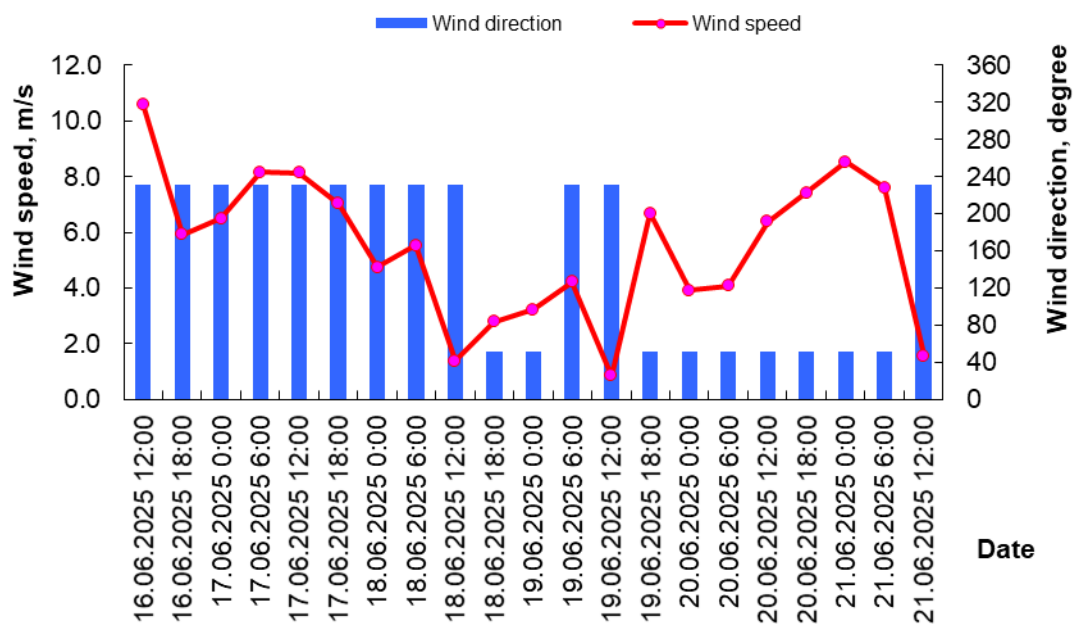


Wave condition in the 21141 unit

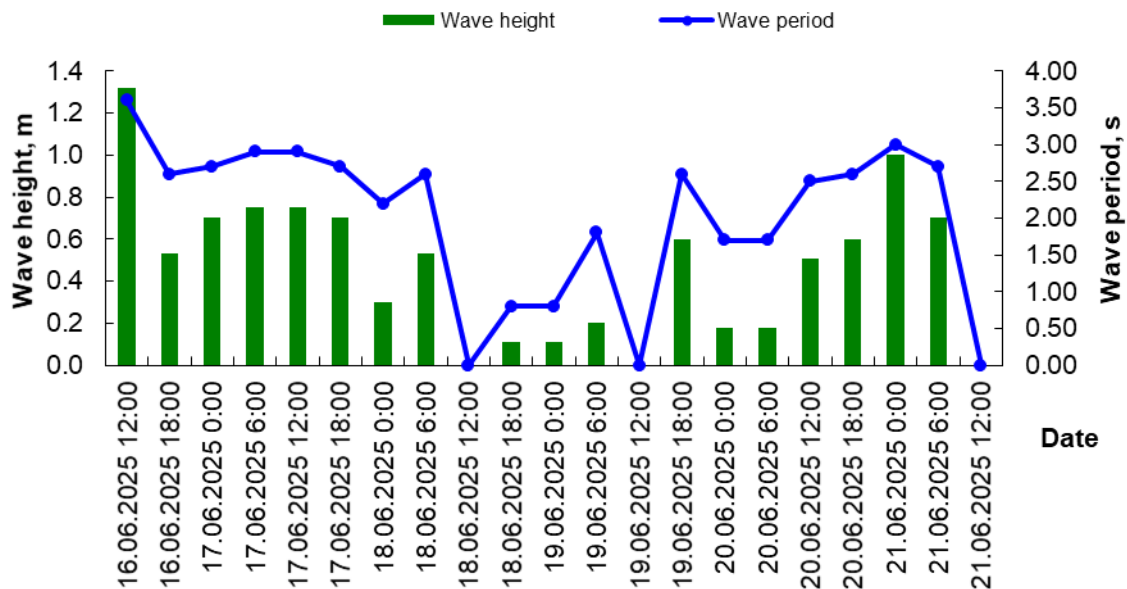


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
16.06.2025 12:00	5	SW	0.35	2.20
16.06.2025 18:00	4	SW	0.21	1.80
17.06.2025 0:00	8	SW	0.75	2.90
17.06.2025 6:00	7	SW	0.70	2.80
17.06.2025 12:00	7	SW	0.70	2.80
17.06.2025 18:00	2	SW	0.00	0.00
18.06.2025 0:00	7	SW	0.70	2.80
18.06.2025 6:00	7	SW	0.70	2.80
18.06.2025 12:00	3	NE	0.15	1.00
18.06.2025 18:00	8	NE	0.80	3.00
19.06.2025 0:00	0	SW	0.00	0.00
19.06.2025 6:00	8	SW	0.75	2.90
19.06.2025 12:00	1	SW	0.00	0.00
19.06.2025 18:00	7	NE	0.72	2.90
20.06.2025 0:00	5	NE	0.40	2.30
20.06.2025 6:00	0	SW	0.00	0.00
20.06.2025 12:00	5	NE	0.40	2.30
20.06.2025 18:00	7	NE	0.72	2.90
21.06.2025 0:00	6	NE	0.58	2.80
21.06.2025 6:00	7	SW	0.70	2.80
21.06.2025 12:00	9	SW	1.05	3.40

Wind condition in the 21142 unit

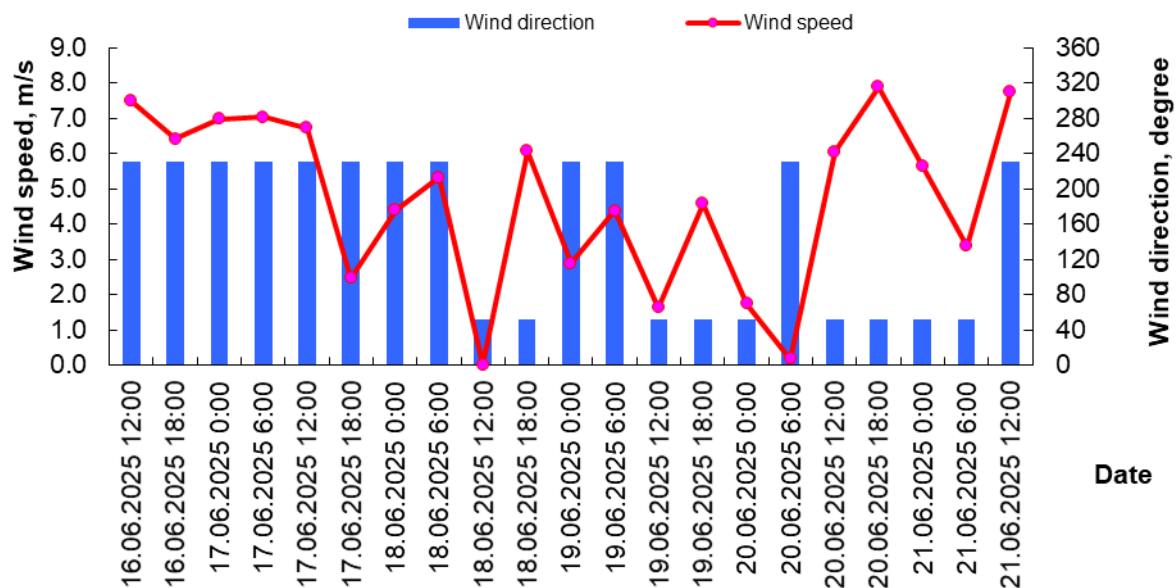


Wave condition in the 21142 unit

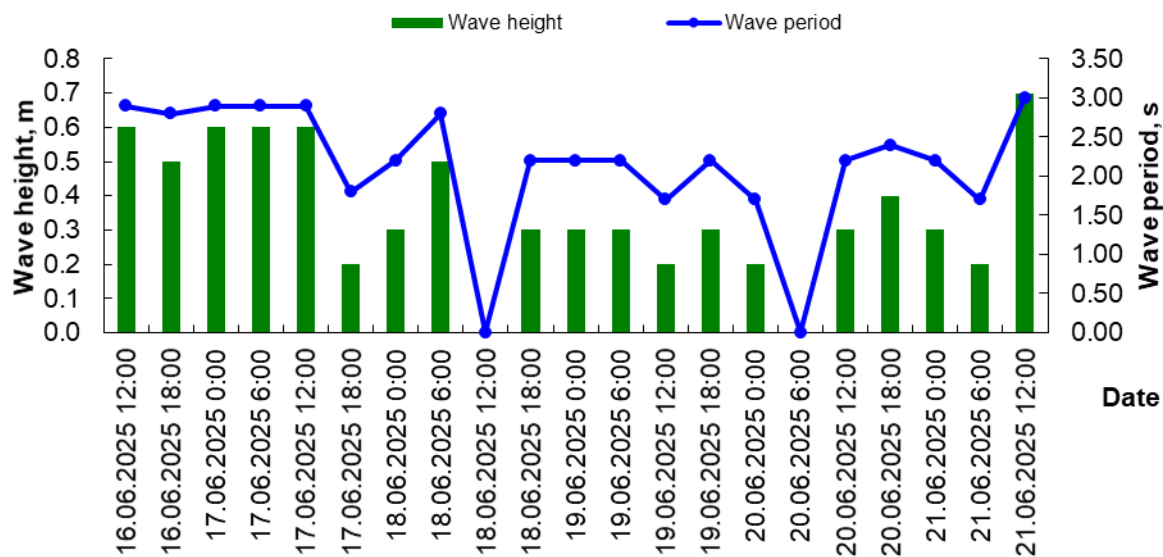


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
16.06.2025 12:00	11	SW	1.32	3.60
16.06.2025 18:00	6	SW	0.53	2.60
17.06.2025 0:00	7	SW	0.70	2.70
17.06.2025 6:00	8	SW	0.75	2.90
17.06.2025 12:00	8	SW	0.75	2.90
17.06.2025 18:00	7	SW	0.70	2.70
18.06.2025 0:00	5	SW	0.30	2.20
18.06.2025 6:00	6	SW	0.53	2.60
18.06.2025 12:00	1	SW	0.00	0.00
18.06.2025 18:00	3	NE	0.11	0.80
19.06.2025 0:00	3	NE	0.11	0.80
19.06.2025 6:00	4	SW	0.20	1.80
19.06.2025 12:00	1	SW	0.00	0.00
19.06.2025 18:00	7	NE	0.60	2.60
20.06.2025 0:00	4	NE	0.18	1.70
20.06.2025 6:00	4	NE	0.18	1.70
20.06.2025 12:00	6	NE	0.51	2.50
20.06.2025 18:00	7	NE	0.60	2.60
21.06.2025 0:00	9	NE	1.00	3.00
21.06.2025 6:00	8	NE	0.70	2.70
21.06.2025 12:00	2	SW	0.00	0.00

Wind condition in the Bautino Bay

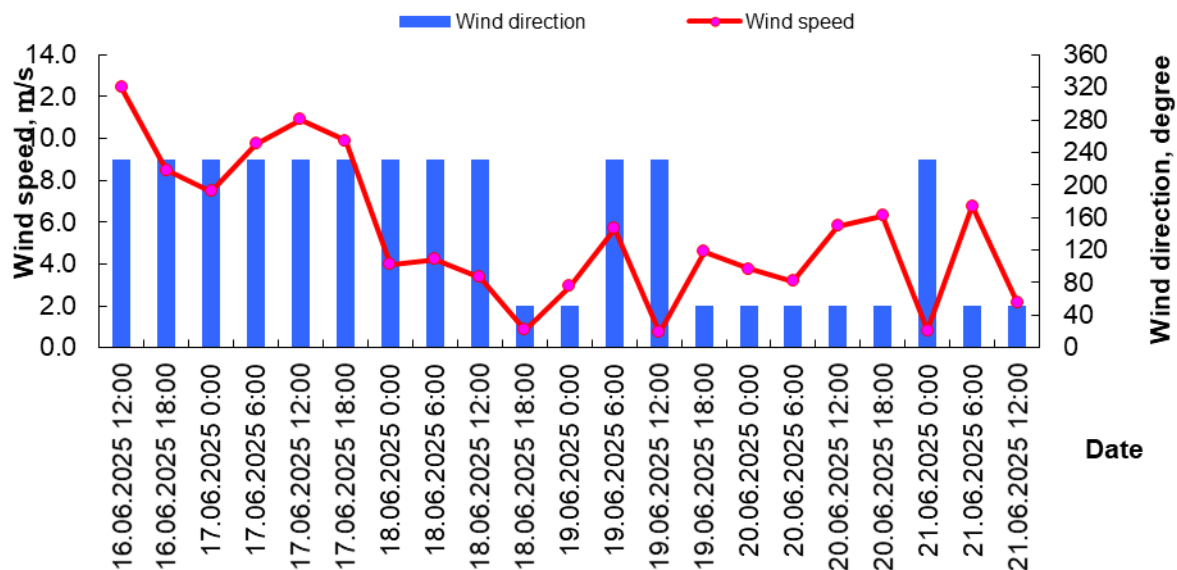


Wave condition in the Bautino Bay

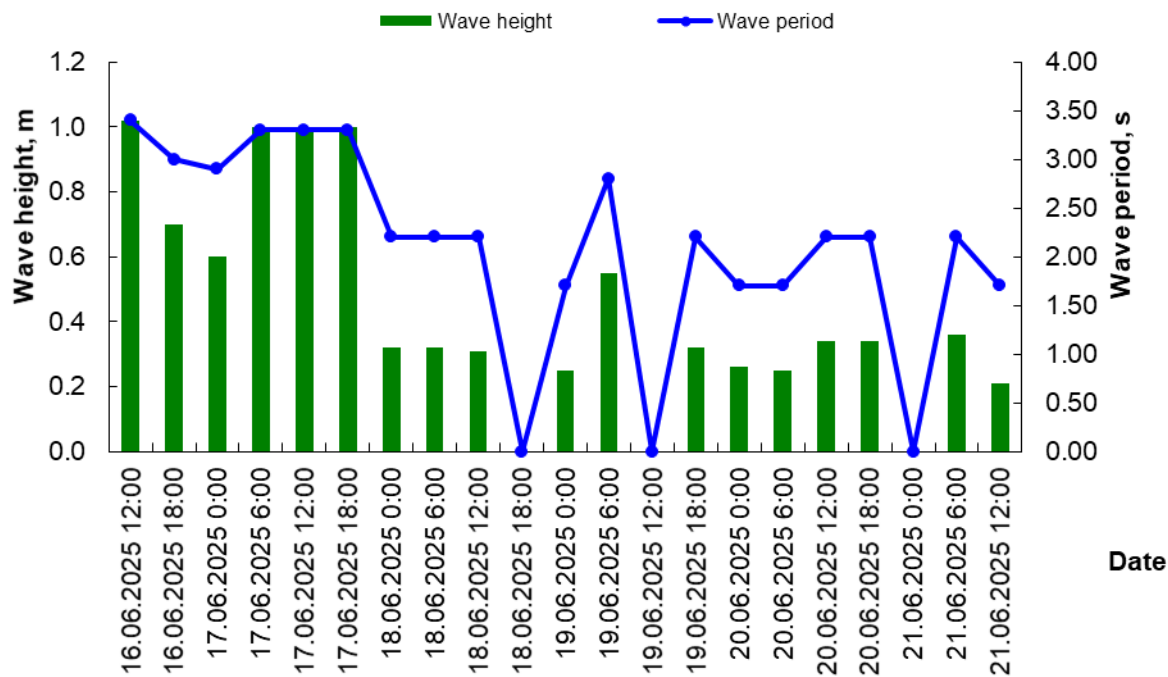


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
16.06.2025 12:00	7	SW	0.60	2.90
16.06.2025 18:00	6	SW	0.50	2.80
17.06.2025 0:00	7	SW	0.60	2.90
17.06.2025 6:00	7	SW	0.60	2.90
17.06.2025 12:00	7	SW	0.60	2.90
17.06.2025 18:00	2	SW	0.20	1.80
18.06.2025 0:00	4	SW	0.30	2.20
18.06.2025 6:00	5	SW	0.50	2.80
18.06.2025 12:00	0	NE	0.00	0.00
18.06.2025 18:00	6	NE	0.30	2.20
19.06.2025 0:00	3	SW	0.30	2.20
19.06.2025 6:00	4	SW	0.30	2.20
19.06.2025 12:00	2	NE	0.20	1.70
19.06.2025 18:00	5	NE	0.30	2.20
20.06.2025 0:00	2	NE	0.20	1.70
20.06.2025 6:00	0	SW	0.00	0.00
20.06.2025 12:00	6	NE	0.30	2.20
20.06.2025 18:00	8	NE	0.40	2.40
21.06.2025 0:00	6	NE	0.30	2.20
21.06.2025 6:00	3	NE	0.20	1.70
21.06.2025 12:00	8	SW	0.70	3.00

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
16.06.2025 12:00	12	SW	1.02	3.40
16.06.2025 18:00	8	SW	0.70	3.00
17.06.2025 0:00	7	SW	0.60	2.90
17.06.2025 6:00	10	SW	1.00	3.30
17.06.2025 12:00	11	SW	1.00	3.30
17.06.2025 18:00	10	SW	1.00	3.30
18.06.2025 0:00	4	SW	0.32	2.20
18.06.2025 6:00	4	SW	0.32	2.20
18.06.2025 12:00	3	SW	0.31	2.20
18.06.2025 18:00	1	NE	0.00	0.00
19.06.2025 0:00	3	NE	0.25	1.70
19.06.2025 6:00	6	SW	0.55	2.80
19.06.2025 12:00	1	SW	0.00	0.00
19.06.2025 18:00	5	NE	0.32	2.20
20.06.2025 0:00	4	NE	0.26	1.70
20.06.2025 6:00	3	NE	0.25	1.70
20.06.2025 12:00	6	NE	0.34	2.20
20.06.2025 18:00	6	NE	0.34	2.20
21.06.2025 0:00	1	SW	0.00	0.00
21.06.2025 6:00	7	NE	0.36	2.20
21.06.2025 12:00	2	NE	0.21	1.70

Made by: Zhagparova N.

Checked by: Shishkina G.