

23-28.10-  
2024

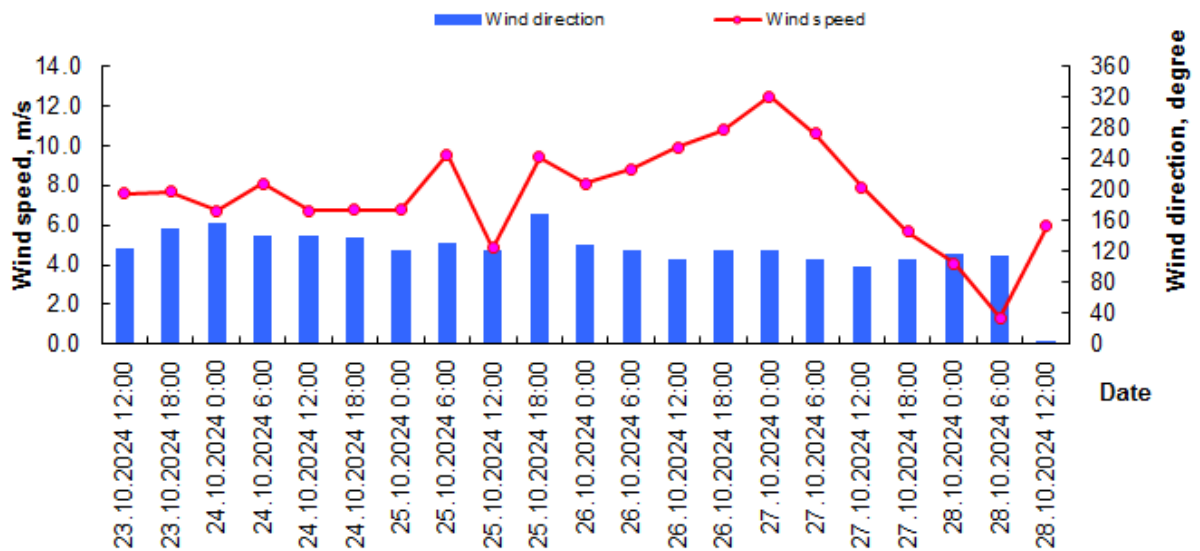
MINISTRY OF ECOLOGY AND NATURAL RESOURCES  
OF THE REPUBLIC OF KAZAKHSTAN



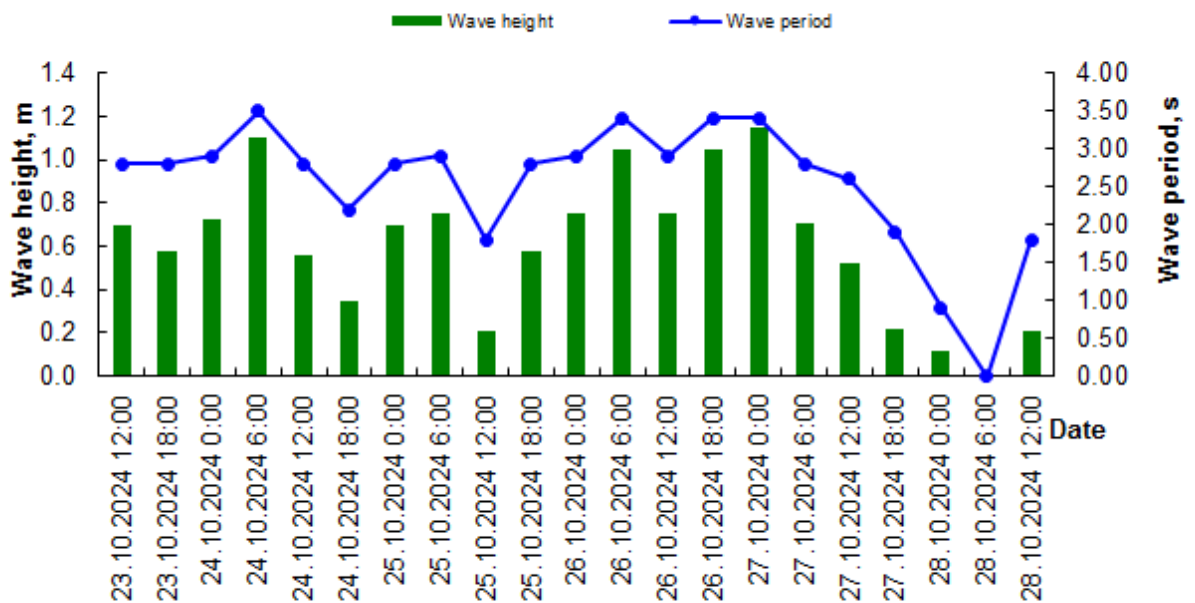
RSE «KAZHYDROMET»

Wave and wind forecast for the Middle part of the Caspian Sea with a 5-day  
advance for the period October 23-28, 2024

Wind condition in the 21050 unit

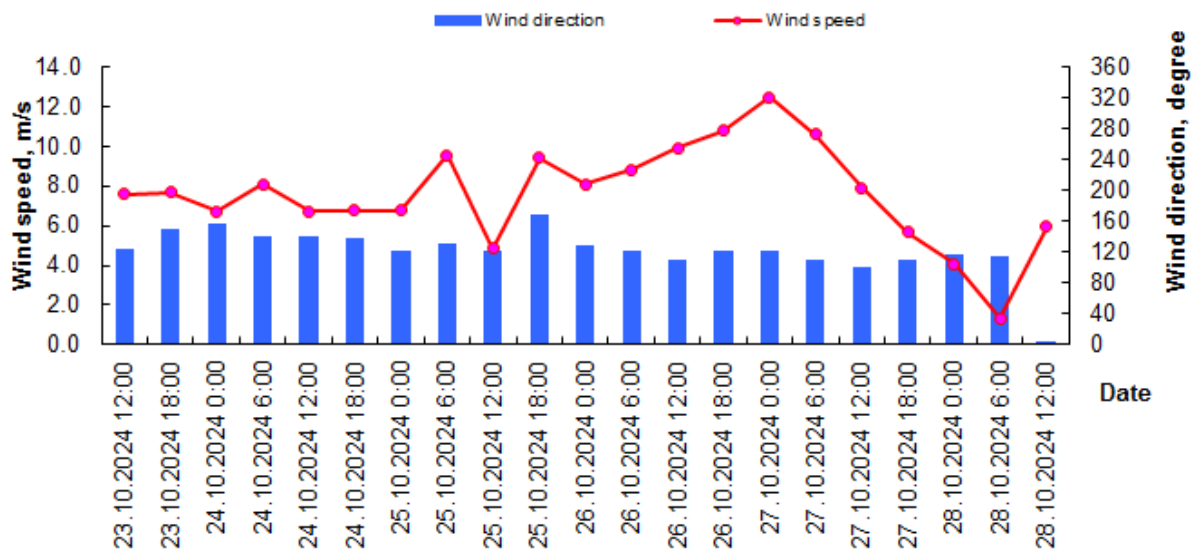


Wave condition in the 21050 unit

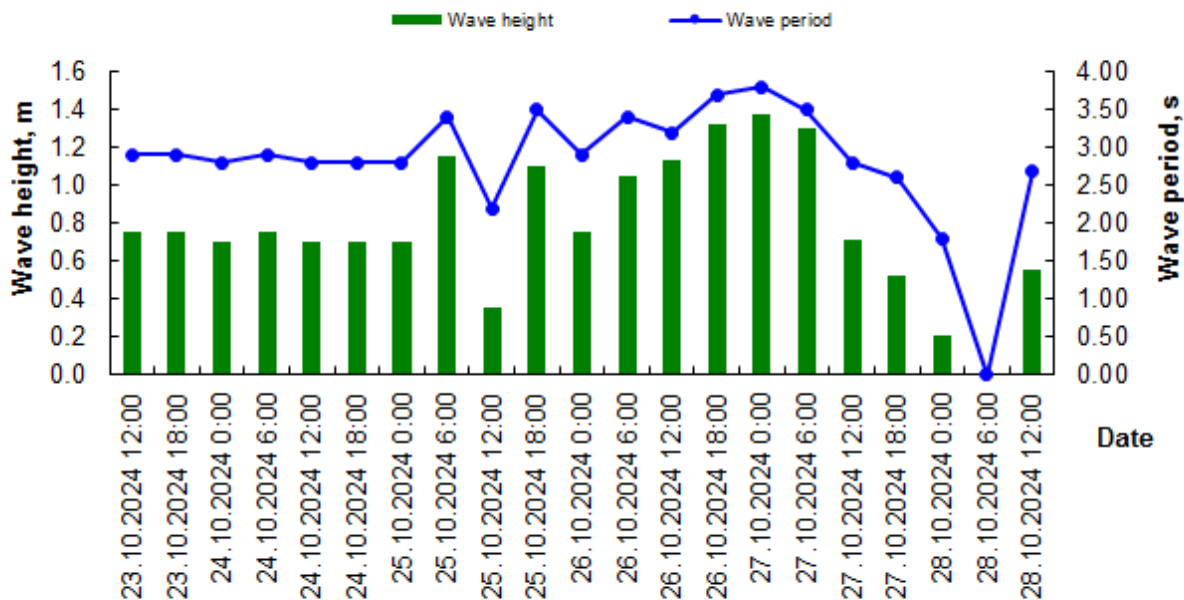


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period ( $\tau$ )	
	WS, m/s	WD, rumb	H, m	t, s
23.10.2024 12:00	7	SE	0.70	2.80
23.10.2024 18:00	6	SE	0.58	2.80
24.10.2024 0:00	7	SE	0.72	2.90
24.10.2024 6:00	9	SE	1.10	3.50
24.10.2024 12:00	6	SE	0.56	2.80
24.10.2024 18:00	5	SE	0.35	2.20
25.10.2024 0:00	7	SE	0.70	2.80
25.10.2024 6:00	8	SE	0.75	2.90
25.10.2024 12:00	4	SE	0.21	1.80
25.10.2024 18:00	6	S	0.58	2.80
26.10.2024 0:00	8	SE	0.75	2.90
26.10.2024 6:00	9	SE	1.05	3.40
26.10.2024 12:00	8	E	0.75	2.90
26.10.2024 18:00	9	SE	1.05	3.40
27.10.2024 0:00	10	SE	1.15	3.40
27.10.2024 6:00	8	E	0.71	2.80
27.10.2024 12:00	6	E	0.52	2.60
27.10.2024 18:00	4	E	0.22	1.90
28.10.2024 0:00	3	SE	0.12	0.90
28.10.2024 6:00	2	SE	0.00	0.00
28.10.2024 12:00	4	N	0.21	1.80

### Wind condition in the 21141 unit

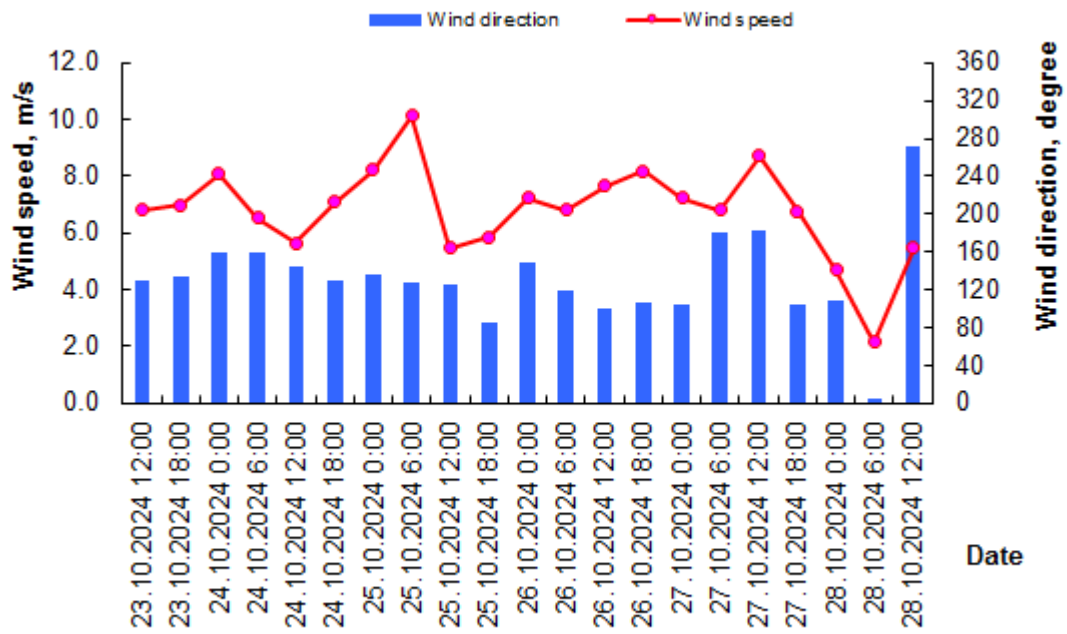


### Wave condition in the 21141 unit

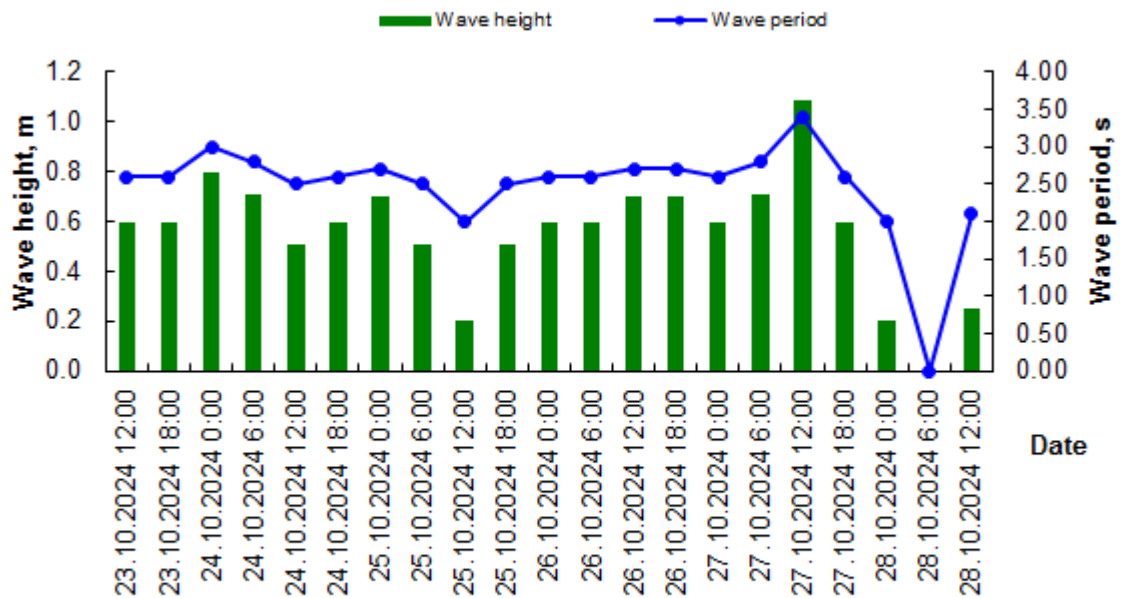


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period ( $\tau$ )	
	WS, m/s	WD, rumb	H, m	t, s
23.10.2024 12:00	8	SE	0.75	2.90
23.10.2024 18:00	8	SE	0.75	2.90
24.10.2024 0:00	7	SE	0.70	2.80
24.10.2024 6:00	8	SE	0.75	2.90
24.10.2024 12:00	7	SE	0.70	2.80
24.10.2024 18:00	7	SE	0.70	2.80
25.10.2024 0:00	7	SE	0.70	2.80
25.10.2024 6:00	10	SE	1.15	3.40
25.10.2024 12:00	5	SE	0.35	2.20
25.10.2024 18:00	9	S	1.10	3.50
26.10.2024 0:00	8	SE	0.75	2.90
26.10.2024 6:00	9	SE	1.05	3.40
26.10.2024 12:00	10	E	1.13	3.20
26.10.2024 18:00	11	SE	1.32	3.70
27.10.2024 0:00	12	SE	1.37	3.80
27.10.2024 6:00	11	E	1.30	3.50
27.10.2024 12:00	8	E	0.71	2.80
27.10.2024 18:00	6	E	0.52	2.60
28.10.2024 0:00	4	SE	0.21	1.80
28.10.2024 6:00	1	SE	0.00	0.00
28.10.2024 12:00	6	N	0.55	2.70

### Wind condition in the 21142 unit

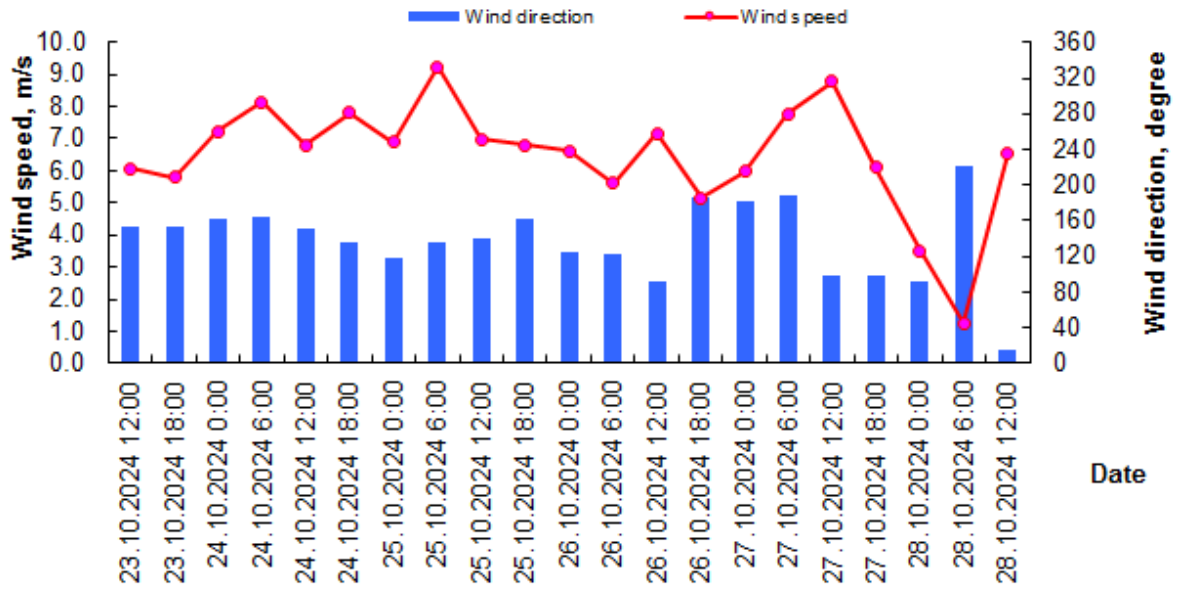


### Wave condition in the 21142 unit

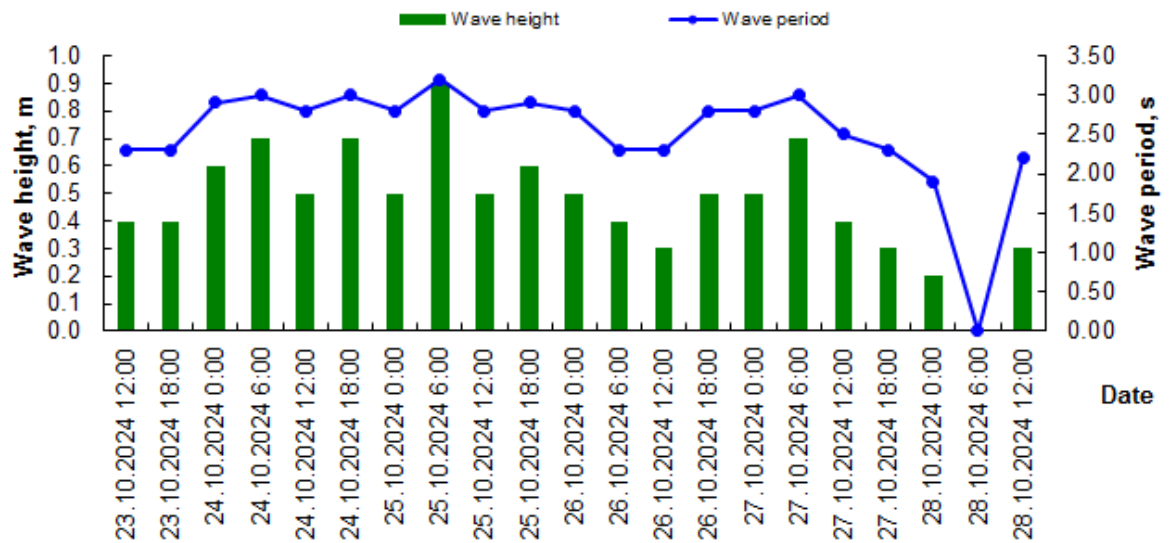


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period ( $\tau$ )	
	WS, m/s	WD, rumb	H, m	t, s
23.10.2024 12:00	7	SE	0.60	2.60
23.10.2024 18:00	7	SE	0.60	2.60
24.10.2024 0:00	8	S	0.80	3.00
24.10.2024 6:00	7	S	0.71	2.80
24.10.2024 12:00	6	SE	0.51	2.50
24.10.2024 18:00	7	SE	0.60	2.60
25.10.2024 0:00	8	SE	0.70	2.70
25.10.2024 6:00	6	SE	0.51	2.50
25.10.2024 12:00	5	SE	0.20	2.00
25.10.2024 18:00	6	E	0.51	2.50
26.10.2024 0:00	7	SE	0.60	2.60
26.10.2024 6:00	7	SE	0.60	2.60
26.10.2024 12:00	8	E	0.70	2.70
26.10.2024 18:00	8	E	0.70	2.70
27.10.2024 0:00	7	E	0.60	2.60
27.10.2024 6:00	7	S	0.71	2.80
27.10.2024 12:00	9	S	1.09	3.40
27.10.2024 18:00	7	E	0.60	2.60
28.10.2024 0:00	5	E	0.20	2.00
28.10.2024 6:00	2	N	0.00	0.00
28.10.2024 12:00	5	W	0.25	2.10

### Wind condition in the Bautino Bay



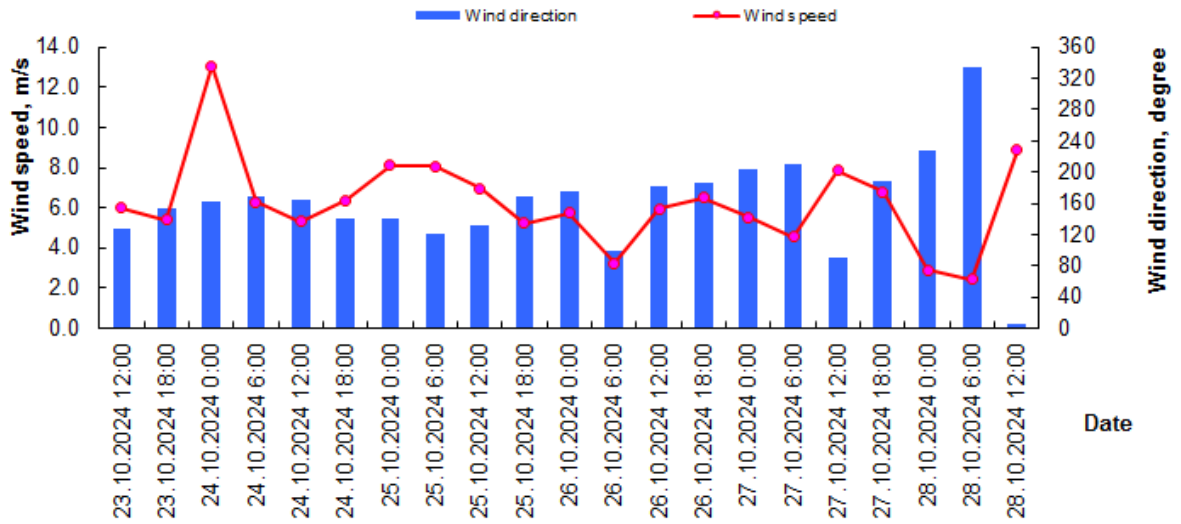
### Wave condition in the Bautino Bay



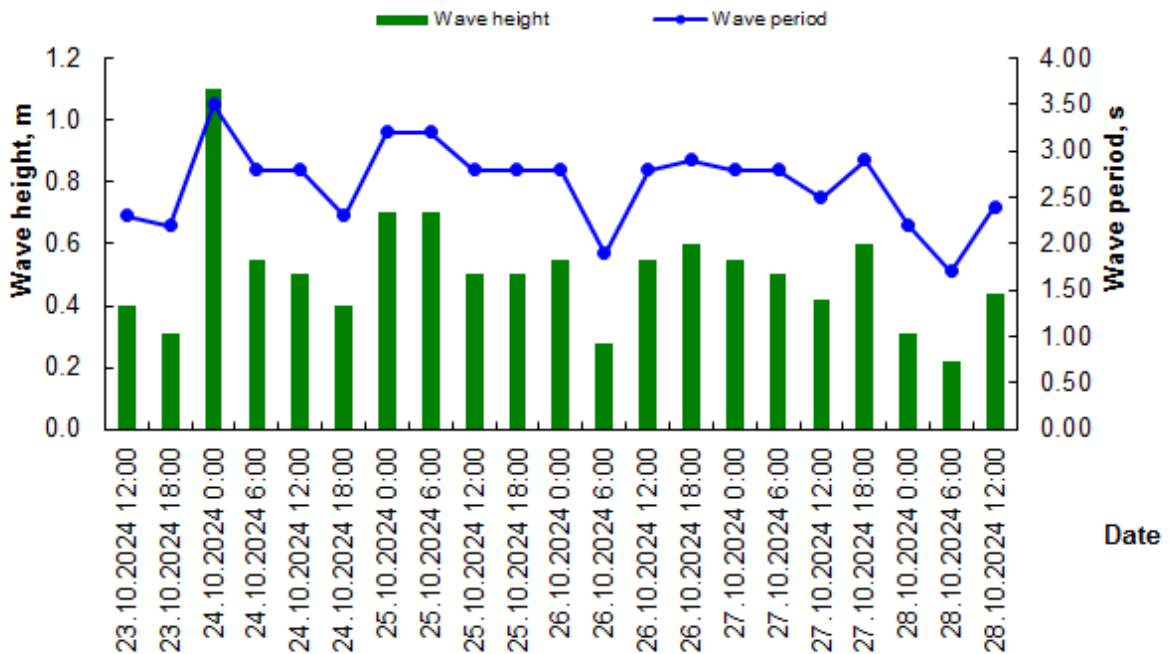
Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period ( $\tau$ )	
	WS, m/s	WD, rumb	H, m	t, s
23.10.2024 12:00	6	SE	0.40	2.30
23.10.2024 18:00	6	SE	0.40	2.30
24.10.2024 0:00	7	S	0.60	2.90
24.10.2024 6:00	8	S	0.70	3.00
24.10.2024 12:00	7	SE	0.50	2.80
24.10.2024 18:00	8	SE	0.70	3.00
25.10.2024 0:00	7	SE	0.50	2.80
25.10.2024 6:00	9	SE	0.90	3.20
25.10.2024 12:00	7	SE	0.50	2.80
25.10.2024 18:00	7	S	0.60	2.90
26.10.2024 0:00	7	SE	0.50	2.80
26.10.2024 6:00	6	SE	0.40	2.30
26.10.2024 12:00	7	E	0.30	2.30
26.10.2024 18:00	5	S	0.50	2.80
27.10.2024 0:00	6	S	0.50	2.80
27.10.2024 6:00	8	S	0.70	3.00
27.10.2024 12:00	9	E	0.40	2.50
27.10.2024 18:00	6	E	0.30	2.30
28.10.2024 0:00	4	E	0.20	1.90
28.10.2024 6:00	1	SW	0.00	0.00
28.10.2024 12:00	7	N	0.30	2.20



### 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 ( $\tau$ )	
	WS, m/s	WD, rumb	H, m	t, s
23.10.2024 12:00	6	SE	0.40	2.30
23.10.2024 18:00	5	SE	0.31	2.20
24.10.2024 0:00	13	S	1.10	3.50
24.10.2024 6:00	6	S	0.55	2.80
24.10.2024 12:00	5	S	0.50	2.80
24.10.2024 18:00	6	SE	0.40	2.30
25.10.2024 0:00	8	SE	0.70	3.20
25.10.2024 6:00	8	SE	0.70	3.20
25.10.2024 12:00	7	SE	0.50	2.80
25.10.2024 18:00	5	S	0.50	2.80
26.10.2024 0:00	6	S	0.55	2.80
26.10.2024 6:00	3	E	0.28	1.90
26.10.2024 12:00	6	S	0.55	2.80
26.10.2024 18:00	7	S	0.60	2.90
27.10.2024 0:00	6	SW	0.55	2.80
27.10.2024 6:00	5	SW	0.50	2.80
27.10.2024 12:00	8	E	0.42	2.50
27.10.2024 18:00	7	S	0.60	2.90
28.10.2024 0:00	3	SW	0.31	2.20
28.10.2024 6:00	2	NW	0.22	1.70
28.10.2024 12:00	9	N	0.44	2.40

Made by: Shishkina G.

Checked by: Shishkina G.