

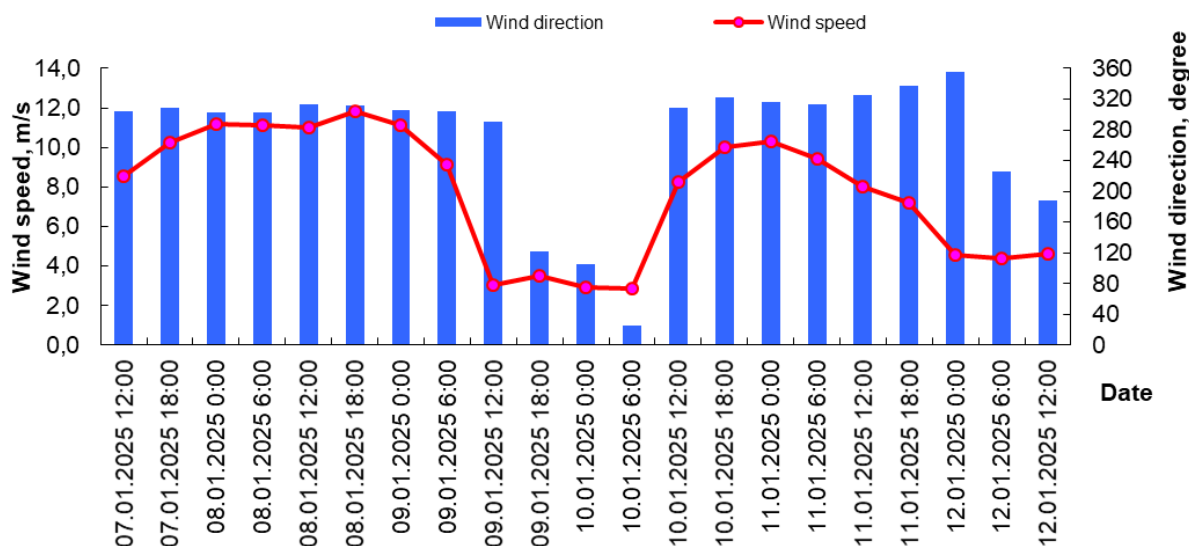


**MINISTRY OF ECOLOGY AND NATURAL RESOURCES
OF THE REPUBLIC OF KAZAKHSTAN**

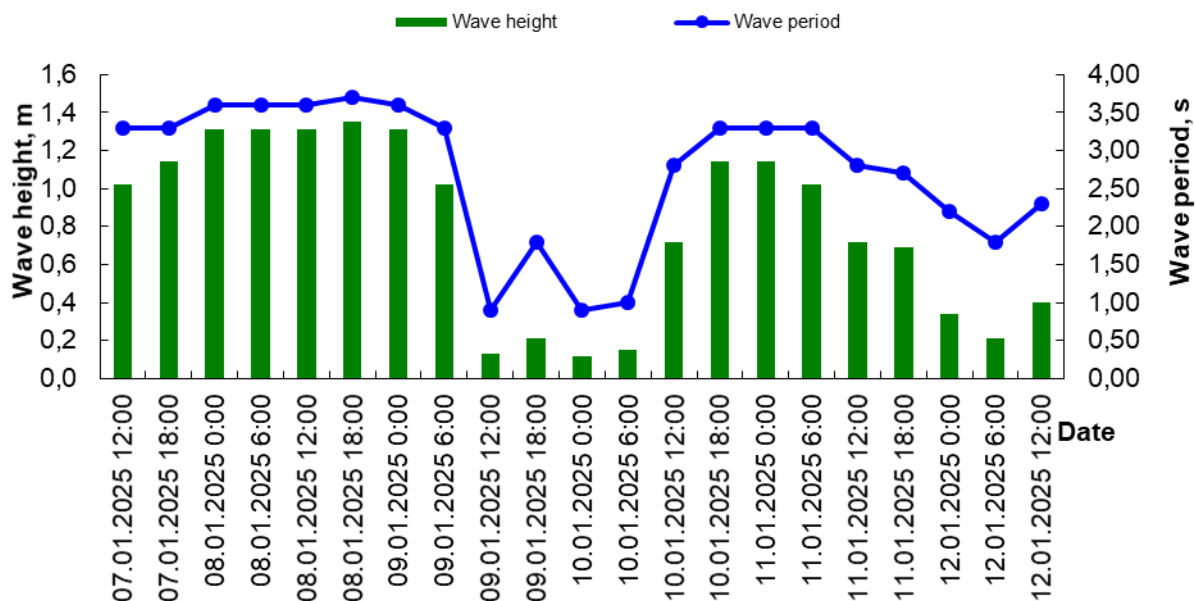
RSE «KAZHYDROMET»

**Wave and wind forecast for the Middle part of the Caspian Sea with a 5-day
advance for the period January 07 – 12, 2025**

Wind condition in the 21050 unit

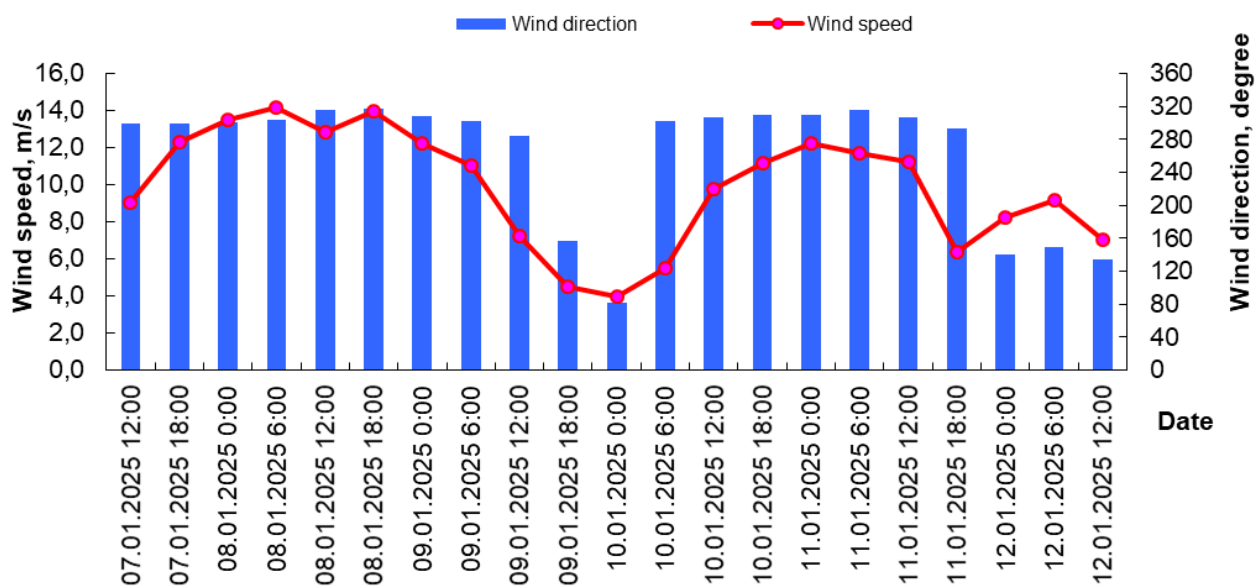


Wave condition in the 21050 unit

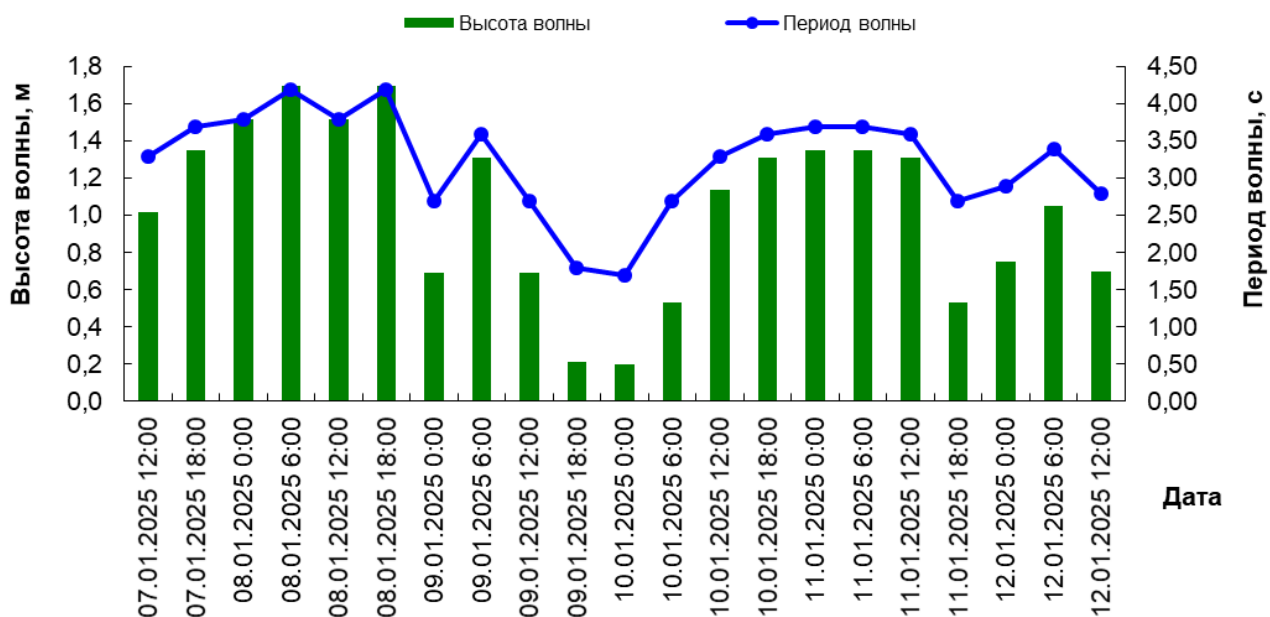


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
07.01.2025 12:00	9	NW	1,02	3,30
07.01.2025 18:00	10	NW	1,14	3,30
08.01.2025 0:00	11	NW	1,31	3,60
08.01.2025 6:00	11	NW	1,31	3,60
08.01.2025 12:00	11	NW	1,31	3,60
08.01.2025 18:00	12	NW	1,35	3,70
09.01.2025 0:00	11	NW	1,31	3,60
09.01.2025 6:00	9	NW	1,02	3,30
09.01.2025 12:00	3	W	0,13	0,90
09.01.2025 18:00	4	SE	0,21	1,80
10.01.2025 0:00	3	E	0,12	0,90
10.01.2025 6:00	3	NW	0,15	1,00
10.01.2025 12:00	8	NW	0,72	2,80
10.01.2025 18:00	10	NW	1,14	3,30
11.01.2025 0:00	10	NW	1,14	3,30
11.01.2025 6:00	9	NW	1,02	3,30
11.01.2025 12:00	8	NW	0,72	2,80
11.01.2025 18:00	7	NW	0,69	2,70
12.01.2025 0:00	5	SE	0,34	2,20
12.01.2025 6:00	4	SE	0,21	1,80
12.01.2025 12:00	5	SE	0,40	2,30

Wind condition in the 21141 unit

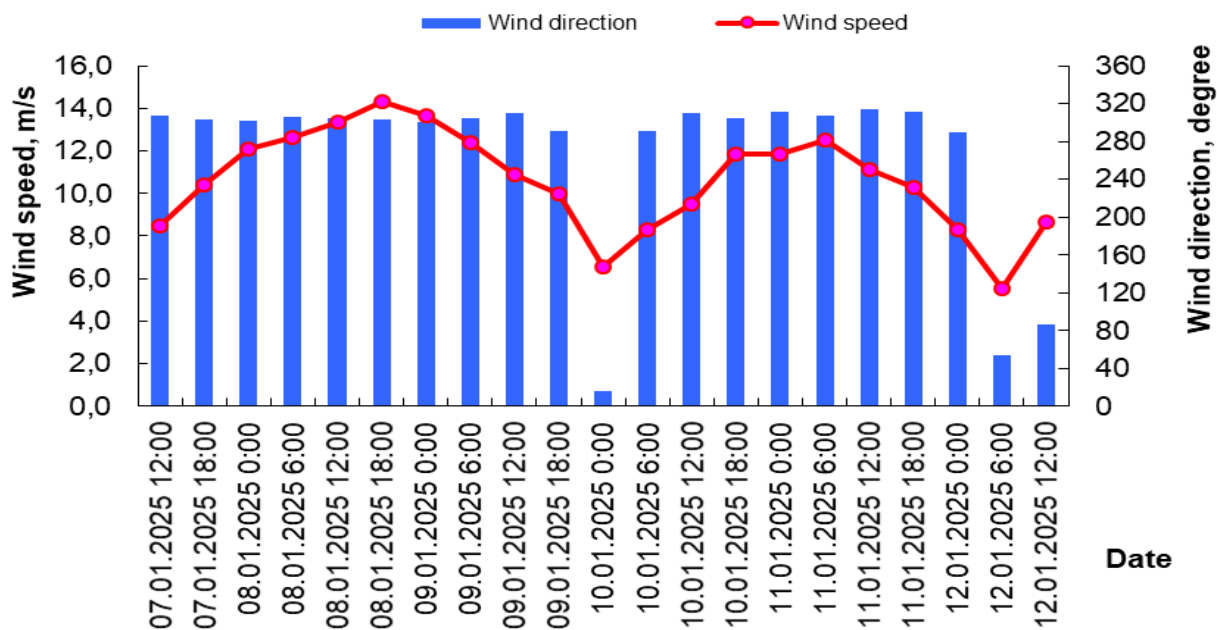


Волнение в квадрате 21141

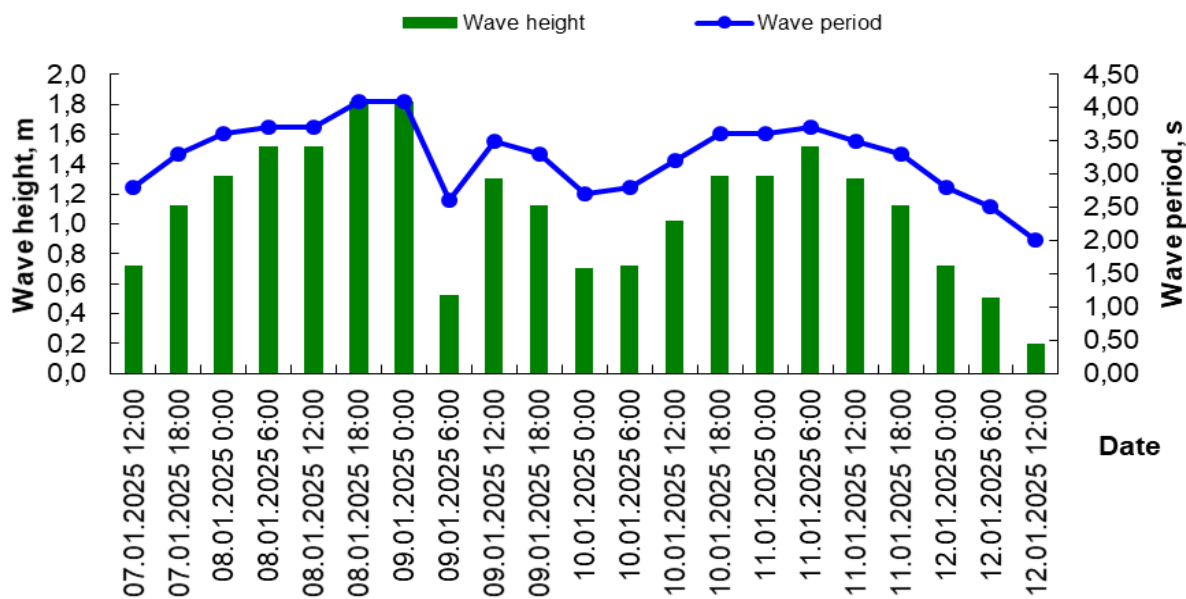


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
07.01.2025 12:00	9	NW	1,02	3,30
07.01.2025 18:00	12	NW	1,35	3,70
08.01.2025 0:00	13	NW	1,52	3,80
08.01.2025 6:00	14	NW	1,70	4,20
08.01.2025 12:00	13	NW	1,52	3,80
08.01.2025 18:00	14	NW	1,70	4,20
09.01.2025 0:00	7	NW	0,69	2,70
09.01.2025 6:00	11	NW	1,31	3,60
09.01.2025 12:00	7	W	0,69	2,70
09.01.2025 18:00	4	SE	0,21	1,80
10.01.2025 0:00	4	E	0,20	1,70
10.01.2025 6:00	6	NW	0,53	2,70
10.01.2025 12:00	10	NW	1,14	3,30
10.01.2025 18:00	11	NW	1,31	3,60
11.01.2025 0:00	12	NW	1,35	3,70
11.01.2025 6:00	12	NW	1,35	3,70
11.01.2025 12:00	11	NW	1,31	3,60
11.01.2025 18:00	6	NW	0,53	2,70
12.01.2025 0:00	8	SE	0,75	2,90
12.01.2025 6:00	9	SE	1,05	3,40
12.01.2025 12:00	7	SE	0,70	2,80

Wind condition in the 21142 unit

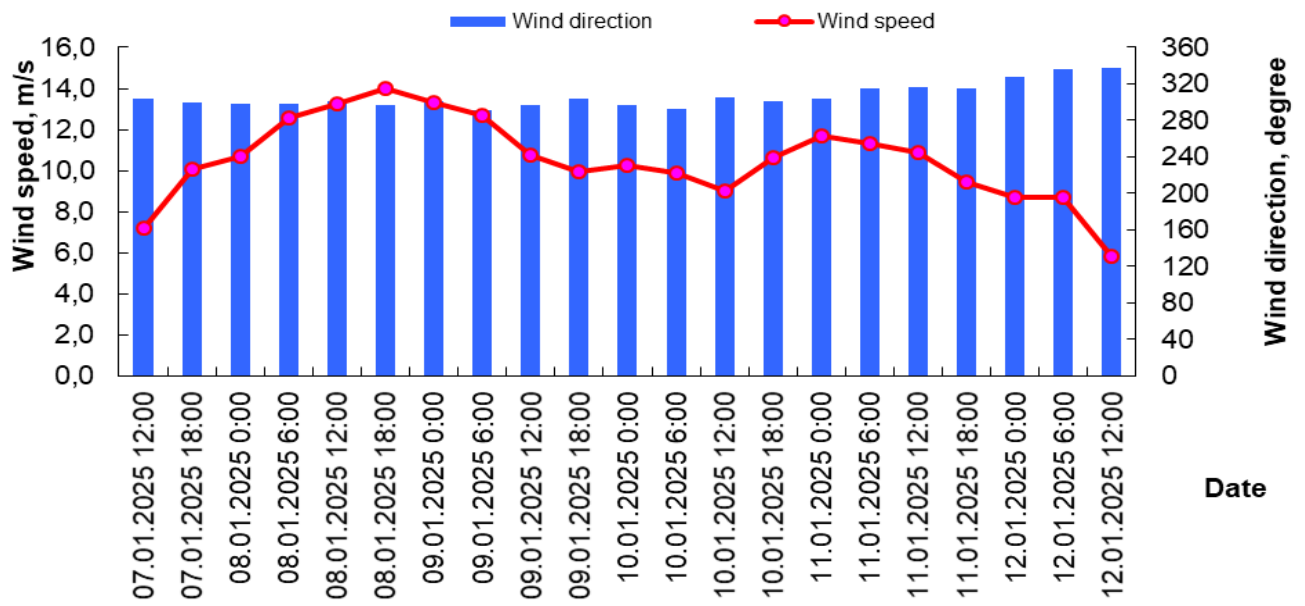


Wave condition in the 21142 unit

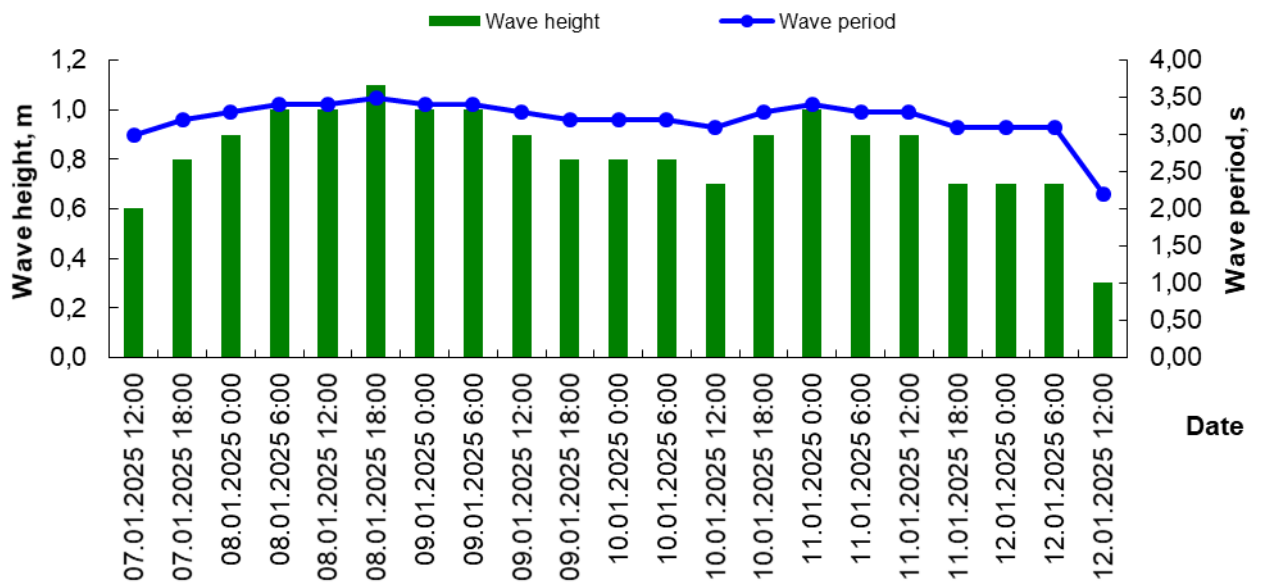


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
07.01.2025 12:00	8	NW	0,72	2,80
07.01.2025 18:00	10	NW	1,12	3,30
08.01.2025 0:00	12	NW	1,32	3,60
08.01.2025 6:00	13	NW	1,52	3,70
08.01.2025 12:00	13	NW	1,52	3,70
08.01.2025 18:00	14	NW	1,82	4,10
09.01.2025 0:00	14	NW	1,82	4,10
09.01.2025 6:00	12	NW	0,52	2,60
09.01.2025 12:00	11	NW	1,30	3,50
09.01.2025 18:00	10	W	1,12	3,30
10.01.2025 0:00	7	N	0,70	2,70
10.01.2025 6:00	8	W	0,72	2,80
10.01.2025 12:00	9	NW	1,02	3,20
10.01.2025 18:00	12	NW	1,32	3,60
11.01.2025 0:00	12	NW	1,32	3,60
11.01.2025 6:00	13	NW	1,52	3,70
11.01.2025 12:00	11	NW	1,30	3,50
11.01.2025 18:00	10	NW	1,12	3,30
12.01.2025 0:00	8	W	0,72	2,80
12.01.2025 6:00	6	NE	0,51	2,50
12.01.2025 12:00	9	E	0,20	2,00

Wind condition in the Bautino Bay

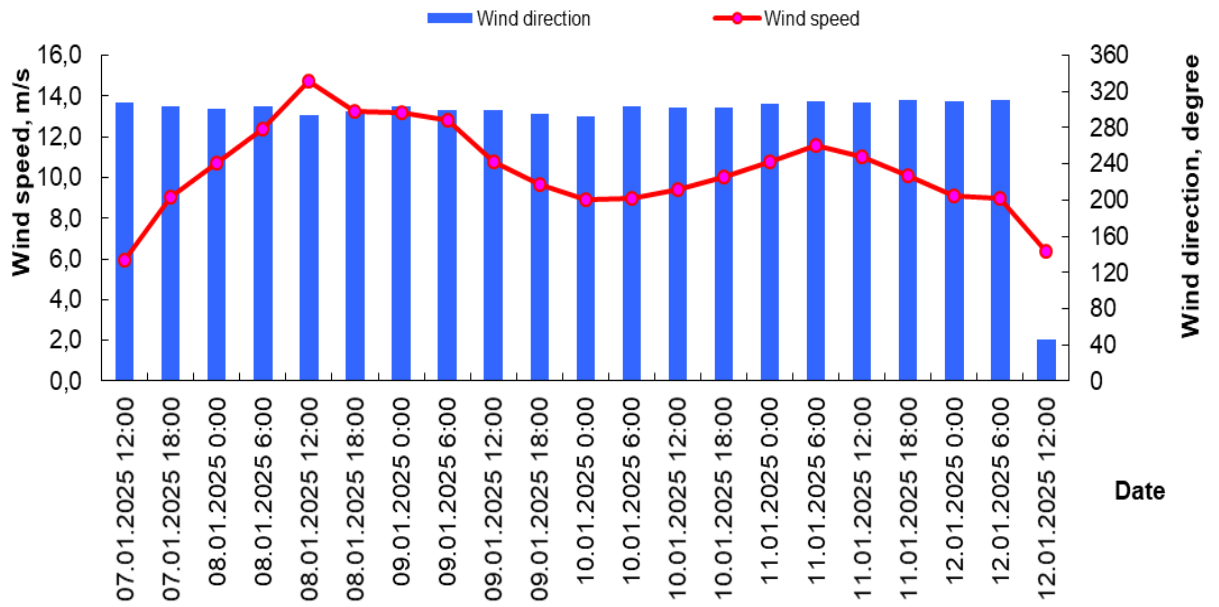


Wave condition in the Bautino Bay

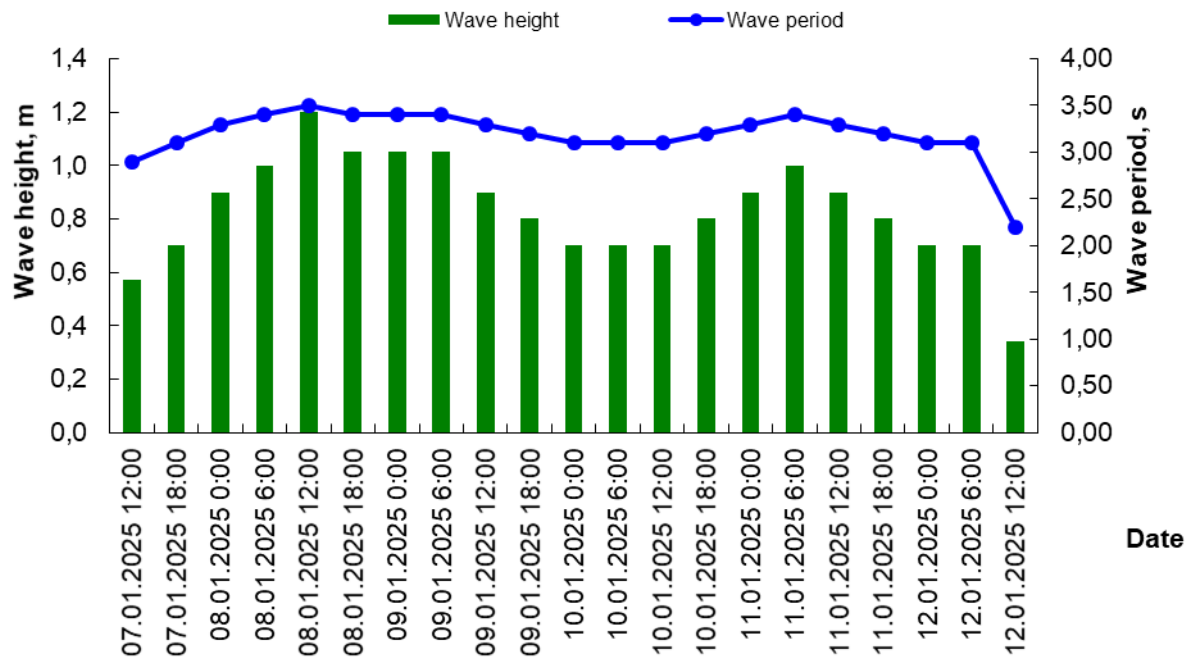


Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period (τ)	
	WS, m/s	WD, rumb	H, m	t, s
	07.01.2025 12:00	7	NW	0,60
07.01.2025 18:00	10	NW	0,80	3,20
08.01.2025 0:00	11	NW	0,90	3,30
08.01.2025 6:00	13	NW	1,00	3,40
08.01.2025 12:00	13	NW	1,00	3,40
08.01.2025 18:00	14	NW	1,10	3,50
09.01.2025 0:00	13	NW	1,00	3,40
09.01.2025 6:00	13	W	1,00	3,40
09.01.2025 12:00	11	NW	0,90	3,30
09.01.2025 18:00	10	NW	0,80	3,20
10.01.2025 0:00	10	NW	0,80	3,20
10.01.2025 6:00	10	W	0,80	3,20
10.01.2025 12:00	9	NW	0,70	3,10
10.01.2025 18:00	11	NW	0,90	3,30
11.01.2025 0:00	12	NW	1,00	3,40
11.01.2025 6:00	11	NW	0,90	3,30
11.01.2025 12:00	11	NW	0,90	3,30
11.01.2025 18:00	9	NW	0,70	3,10
12.01.2025 0:00	9	NW	0,70	3,10
12.01.2025 6:00	9	NW	0,70	3,10
12.01.2025 12:00	6	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 (τ)	
	WS, m/s	WD, rumb	H, m	t, s
07.01.2025 12:00	6	NW	0,57	2,90
07.01.2025 18:00	9	NW	0,70	3,10
08.01.2025 0:00	11	NW	0,90	3,30
08.01.2025 6:00	12	NW	1,00	3,40
08.01.2025 12:00	15	NW	1,20	3,50
08.01.2025 18:00	13	NW	1,05	3,40
09.01.2025 0:00	13	NW	1,05	3,40
09.01.2025 6:00	13	NW	1,05	3,40
09.01.2025 12:00	11	NW	0,90	3,30
09.01.2025 18:00	10	NW	0,80	3,20
10.01.2025 0:00	9	NW	0,70	3,10
10.01.2025 6:00	9	NW	0,70	3,10
10.01.2025 12:00	9	NW	0,70	3,10
10.01.2025 18:00	10	NW	0,80	3,20
11.01.2025 0:00	11	NW	0,90	3,30
11.01.2025 6:00	12	NW	1,00	3,40
11.01.2025 12:00	11	NW	0,90	3,30
11.01.2025 18:00	10	NW	0,80	3,20
12.01.2025 0:00	9	NW	0,70	3,10
12.01.2025 6:00	9	NW	0,70	3,10
12.01.2025 12:00	6	NE	0,34	2,20

Made by: Kurmangalieva A.K.

Checked by: Shishkina G.