

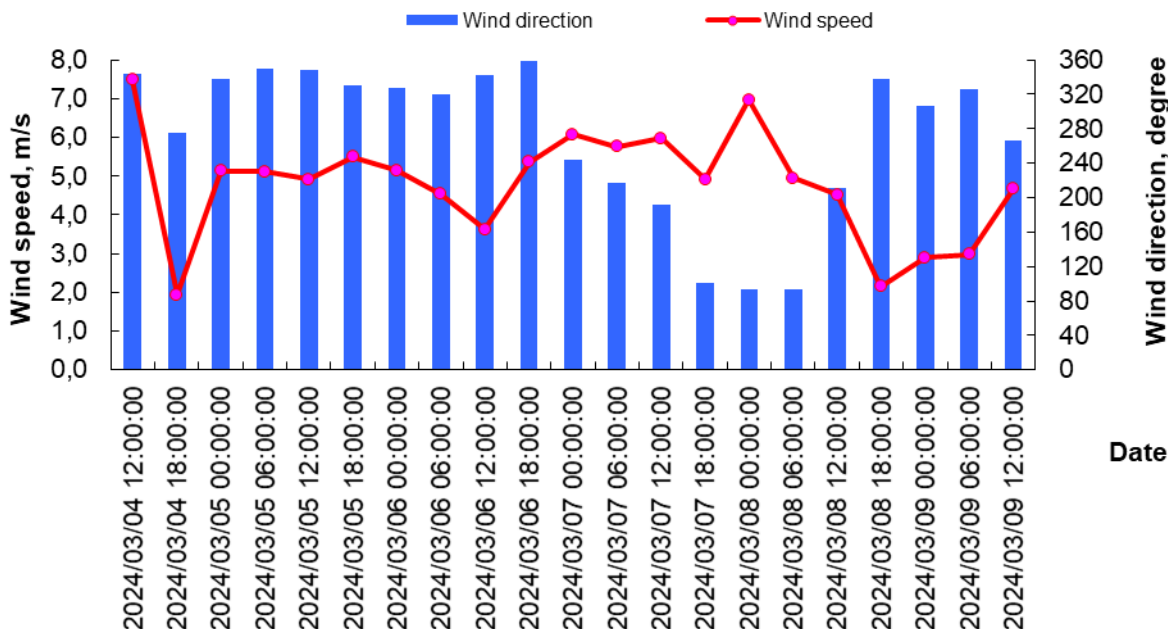


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REPUBLIC OF KAZAKHSTAN**

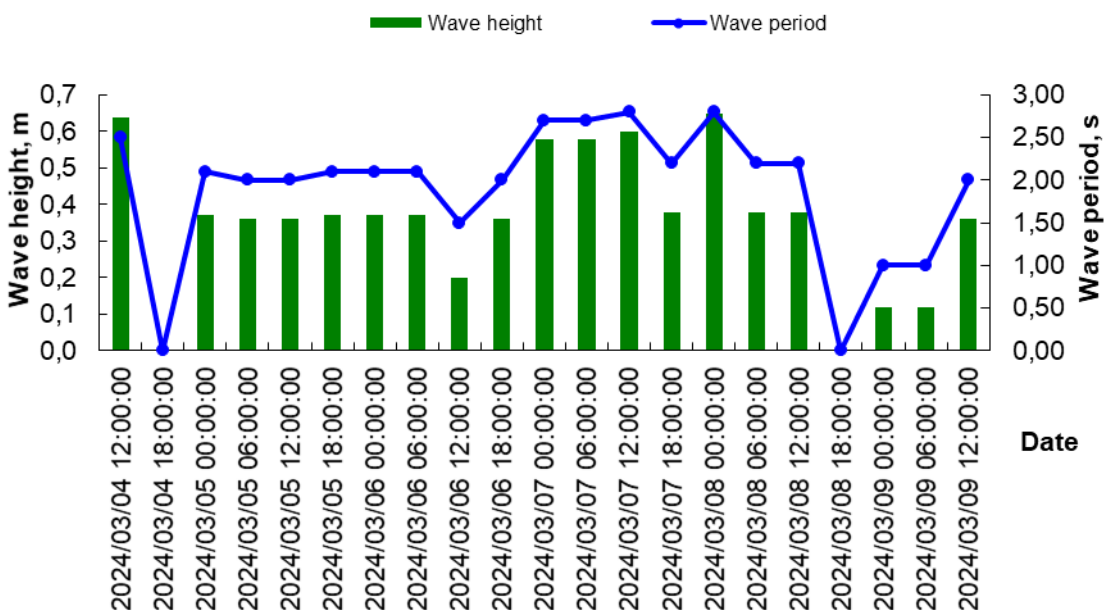
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 4 – 9 March 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
2024/03/04 12:00:00	7	N	0,64	2,50
2024/03/04 18:00:00	2	W	0,00	0,00
2024/03/05 00:00:00	5	NW	0,37	2,10
2024/03/05 06:00:00	5	N	0,36	2,00
2024/03/05 12:00:00	5	N	0,36	2,00
2024/03/05 18:00:00	5	NW	0,37	2,10
2024/03/06 00:00:00	5	NW	0,37	2,10
2024/03/06 06:00:00	5	NW	0,37	2,10
2024/03/06 12:00:00	4	N	0,20	1,50
2024/03/06 18:00:00	5	N	0,36	2,00
2024/03/07 00:00:00	6	SW	0,58	2,70
2024/03/07 06:00:00	6	SW	0,58	2,70
2024/03/07 12:00:00	6	S	0,60	2,80
2024/03/07 18:00:00	5	E	0,38	2,20
2024/03/08 00:00:00	7	E	0,65	2,80
2024/03/08 06:00:00	5	E	0,38	2,20
2024/03/08 12:00:00	5	SW	0,38	2,20
2024/03/08 18:00:00	2	N	0,00	0,00
2024/03/09 00:00:00	3	NW	0,12	1,00
2024/03/09 06:00:00	3	NW	0,12	1,00
2024/03/09 12:00:00	5	W	0,36	2,00

Made by: Zhagparoava N.N.

Checked by: Yeltay A.

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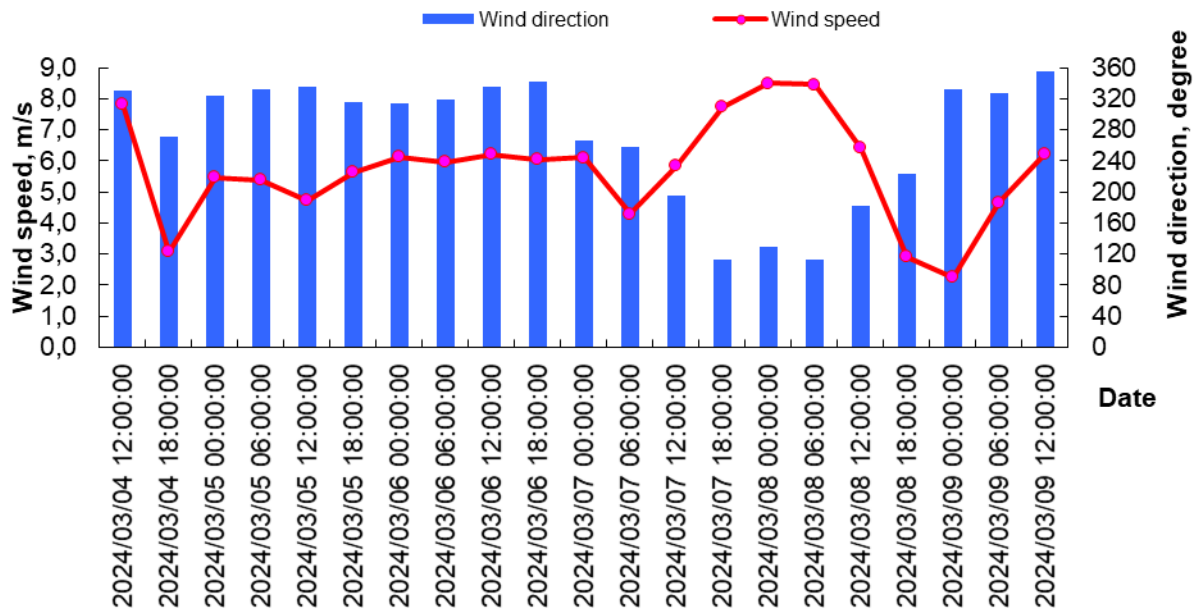


MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE  
REPUBLIC OF KAZAKHSTAN

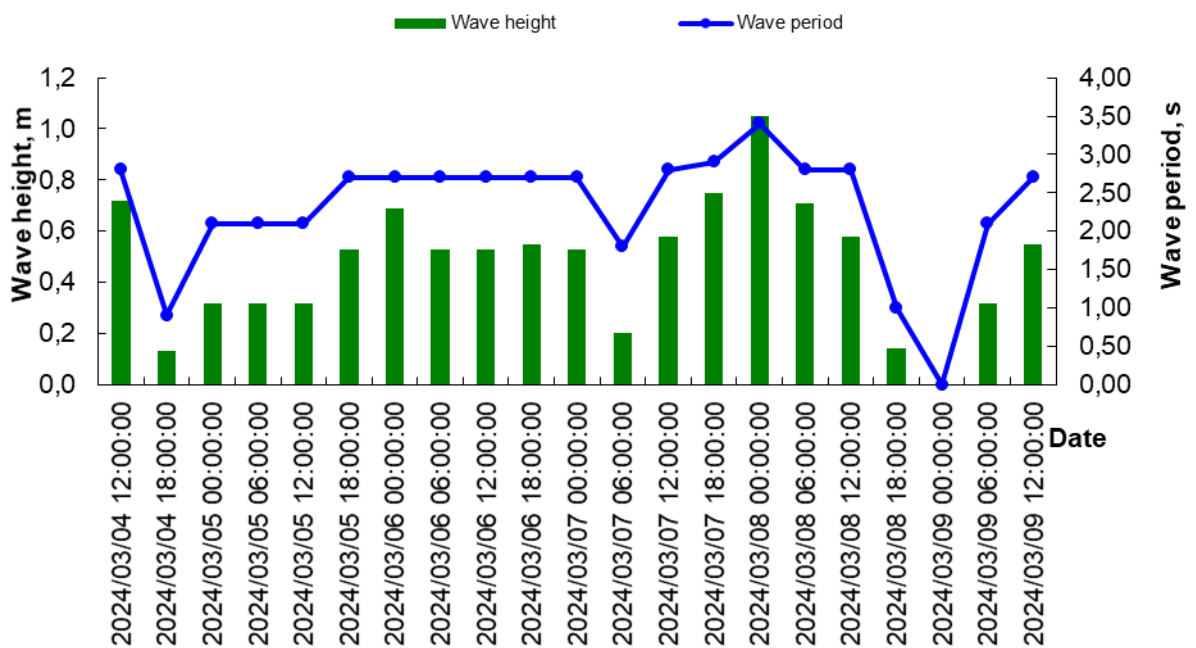
REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»

Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 4 – 9 March 2024.

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
2024/03/04 12:00:00	8	NW	0,72	2,80
2024/03/04 18:00:00	3	W	0,13	0,90
2024/03/05 00:00:00	5	NW	0,32	2,10
2024/03/05 06:00:00	5	NW	0,32	2,10
2024/03/05 12:00:00	5	NW	0,32	2,10
2024/03/05 18:00:00	6	NW	0,53	2,70
2024/03/06 00:00:00	7	NW	0,69	2,70
2024/03/06 06:00:00	6	NW	0,53	2,70
2024/03/06 12:00:00	6	NW	0,53	2,70
2024/03/06 18:00:00	6	N	0,55	2,70
2024/03/07 00:00:00	6	W	0,53	2,70
2024/03/07 06:00:00	4	W	0,20	1,80
2024/03/07 12:00:00	6	S	0,58	2,80
2024/03/07 18:00:00	8	SE	0,75	2,90
2024/03/08 00:00:00	9	SE	1,05	3,40
2024/03/08 06:00:00	8	E	0,71	2,80
2024/03/08 12:00:00	6	S	0,58	2,80
2024/03/08 18:00:00	3	SW	0,14	1,00
2024/03/09 00:00:00	2	NW	0,00	0,00
2024/03/09 06:00:00	5	NW	0,32	2,10
2024/03/09 12:00:00	6	N	0,55	2,70

Made by: Zhagparova N.N.

Checked by: Yeltay A.

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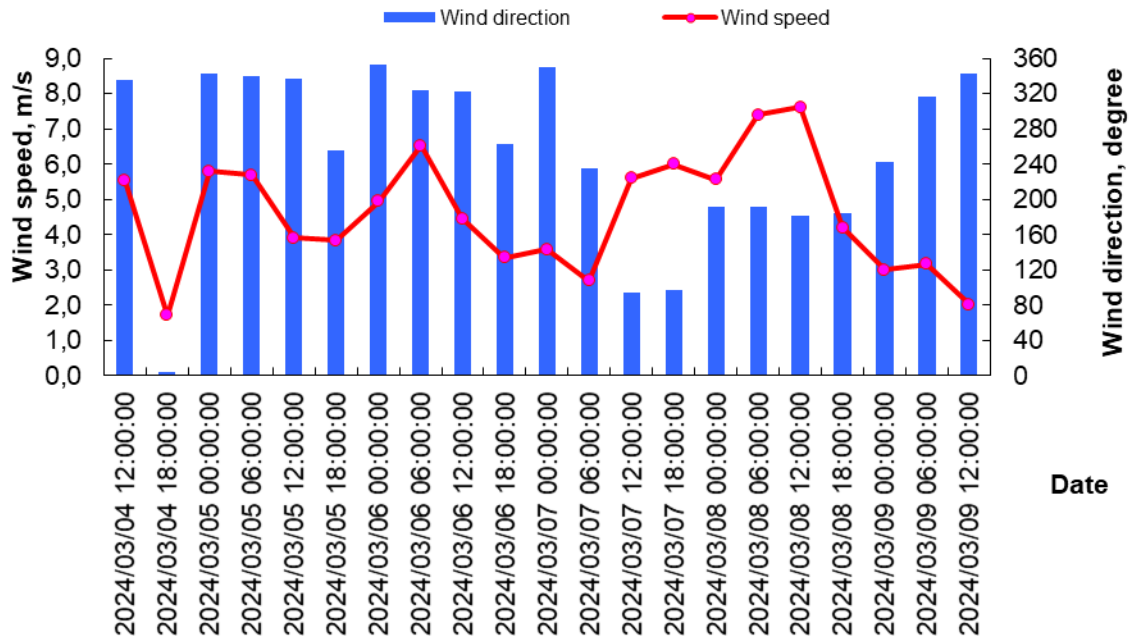


**MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE  
REPUBLIC OF KAZAKHSTAN**

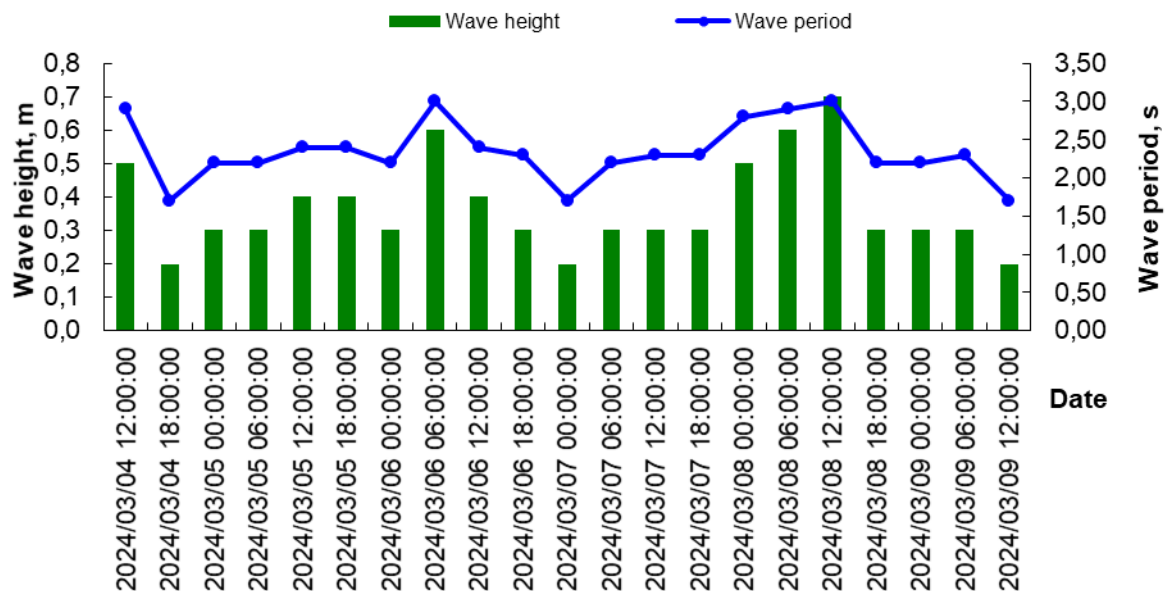
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 4 – 9 March 2024.**

**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
2024/03/04 12:00:00	6	NW	0,50	2,90
2024/03/04 18:00:00	2	N	0,20	1,70
2024/03/05 00:00:00	6	N	0,30	2,20
2024/03/05 06:00:00	6	N	0,30	2,20
2024/03/05 12:00:00	4	NW	0,40	2,40
2024/03/05 18:00:00	4	W	0,40	2,40
2024/03/06 00:00:00	5	N	0,30	2,20
2024/03/06 06:00:00	7	NW	0,60	3,00
2024/03/06 12:00:00	4	NW	0,40	2,40
2024/03/06 18:00:00	3	W	0,30	2,30
2024/03/07 00:00:00	4	N	0,20	1,70
2024/03/07 06:00:00	3	SW	0,30	2,20
2024/03/07 12:00:00	6	E	0,30	2,30
2024/03/07 18:00:00	6	E	0,30	2,30
2024/03/08 00:00:00	6	S	0,50	2,80
2024/03/08 06:00:00	7	S	0,60	2,90
2024/03/08 12:00:00	8	S	0,70	3,00
2024/03/08 18:00:00	4	S	0,30	2,20
2024/03/09 00:00:00	3	SW	0,30	2,20
2024/03/09 06:00:00	3	NW	0,30	2,30
2024/03/09 12:00:00	2	N	0,20	1,70

Made by: Zhagparova N.N.

Checked by: Yeltay A.

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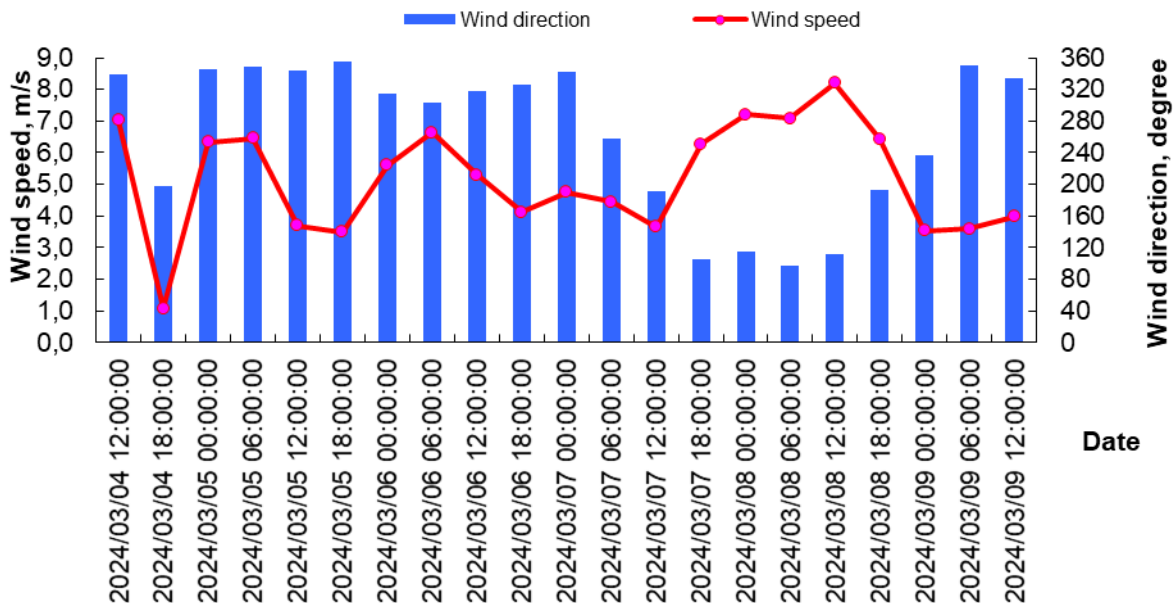


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REPUBLIC OF KAZAKHSTAN**

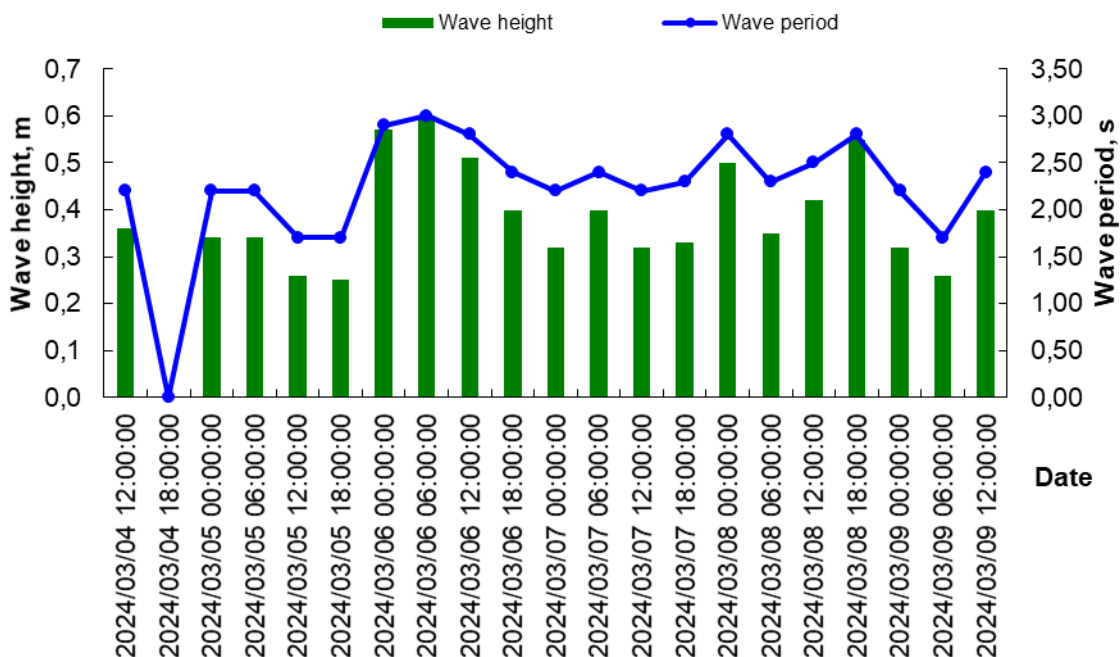
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 4 – 9 March 2024.**

**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
2024/03/04 12:00:00	7	N	0,36	2,20
2024/03/04 18:00:00	1	S	0,00	0,00
2024/03/05 00:00:00	6	N	0,34	2,20
2024/03/05 06:00:00	6	N	0,34	2,20
2024/03/05 12:00:00	4	N	0,26	1,70
2024/03/05 18:00:00	3	N	0,25	1,70
2024/03/06 00:00:00	6	NW	0,57	2,90
2024/03/06 06:00:00	7	NW	0,60	3,00
2024/03/06 12:00:00	5	NW	0,51	2,80
2024/03/06 18:00:00	4	NW	0,40	2,40
2024/03/07 00:00:00	5	N	0,32	2,20
2024/03/07 06:00:00	4	W	0,40	2,40
2024/03/07 12:00:00	4	S	0,32	2,20
2024/03/07 18:00:00	6	E	0,33	2,30
2024/03/08 00:00:00	7	SE	0,50	2,80
2024/03/08 06:00:00	7	E	0,35	2,30
2024/03/08 12:00:00	8	E	0,42	2,50
2024/03/08 18:00:00	6	S	0,55	2,80
2024/03/09 00:00:00	4	SW	0,32	2,20
2024/03/09 06:00:00	4	N	0,26	1,70
2024/03/09 12:00:00	4	NW	0,40	2,40

Made by: Zhagparova N.N.

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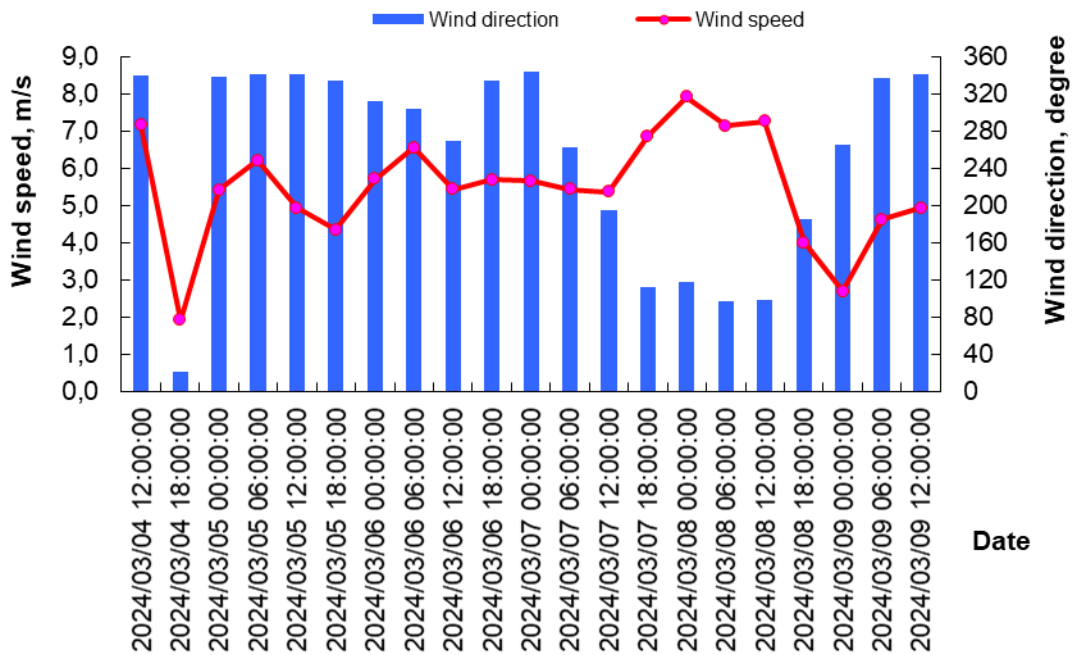


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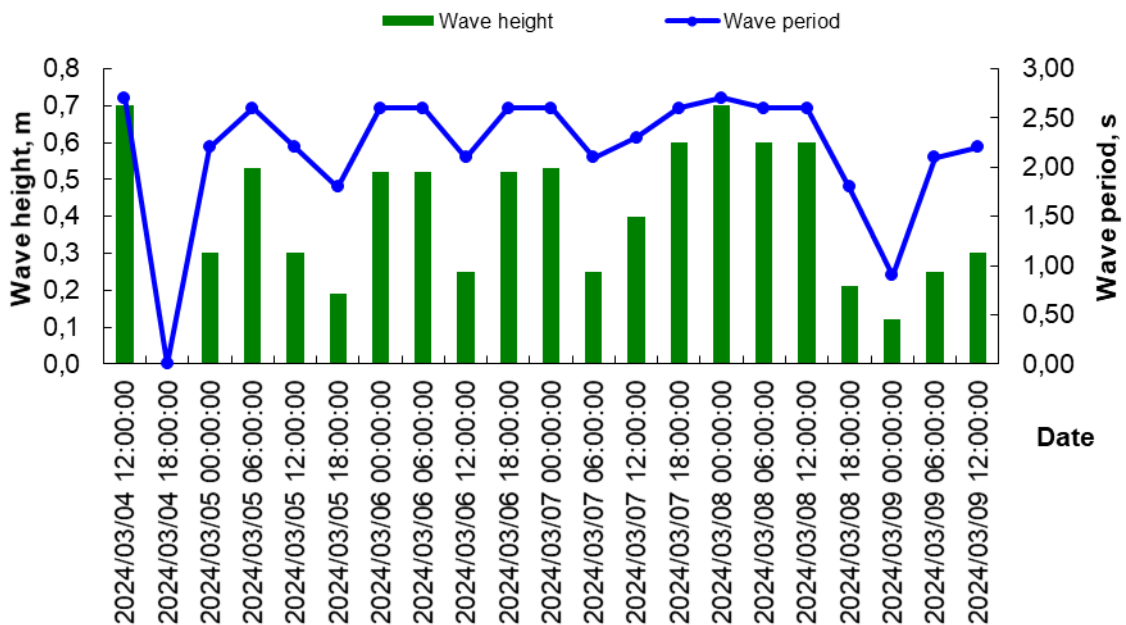
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 4 – 9 March 2024.**

**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
2024/03/04 12:00:00	7	N	0,70	2,70
2024/03/04 18:00:00	2	N	0,00	0,00
2024/03/05 00:00:00	5	N	0,30	2,20
2024/03/05 06:00:00	6	N	0,53	2,60
2024/03/05 12:00:00	5	N	0,30	2,20
2024/03/05 18:00:00	4	NW	0,19	1,80
2024/03/06 00:00:00	6	NW	0,52	2,60
2024/03/06 06:00:00	6	NW	0,52	2,60
2024/03/06 12:00:00	5	W	0,25	2,10
2024/03/06 18:00:00	6	NW	0,52	2,60
2024/03/07 00:00:00	6	N	0,53	2,60
2024/03/07 06:00:00	5	W	0,25	2,10
2024/03/07 12:00:00	5	S	0,40	2,30
2024/03/07 18:00:00	7	E	0,60	2,60
2024/03/08 00:00:00	8	SE	0,70	2,70
2024/03/08 06:00:00	7	E	0,60	2,60
2024/03/08 12:00:00	7	E	0,60	2,60
2024/03/08 18:00:00	4	S	0,21	1,80
2024/03/09 00:00:00	3	W	0,12	0,90
2024/03/09 06:00:00	5	NW	0,25	2,10
2024/03/09 12:00:00	5	N	0,30	2,20

Made by: Zhagparoav N.N.

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