

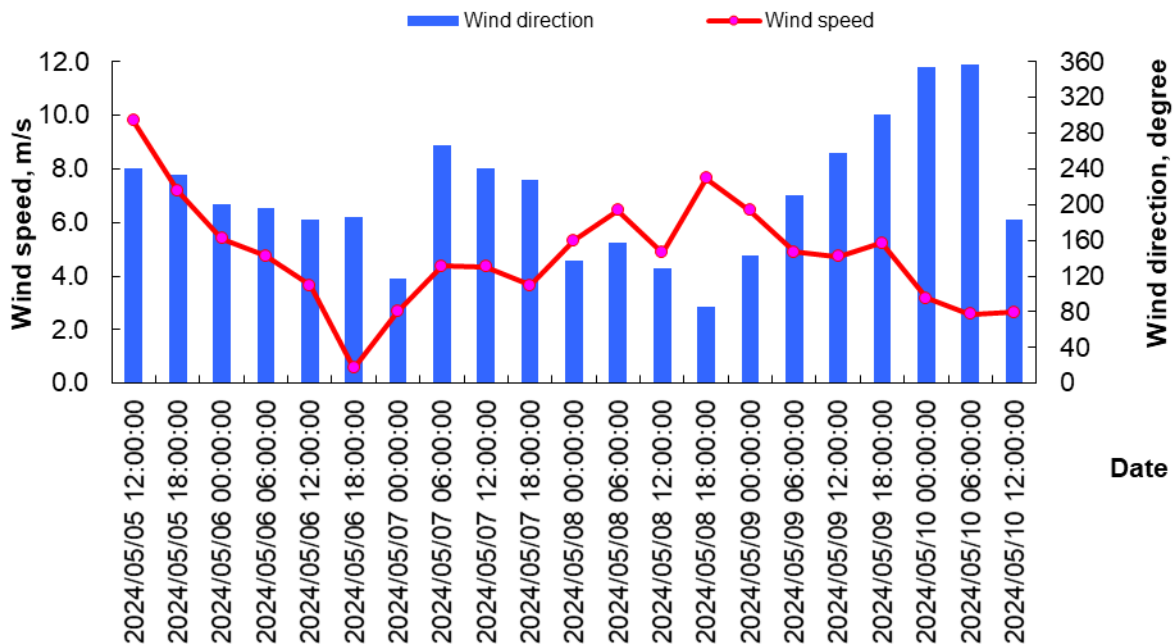


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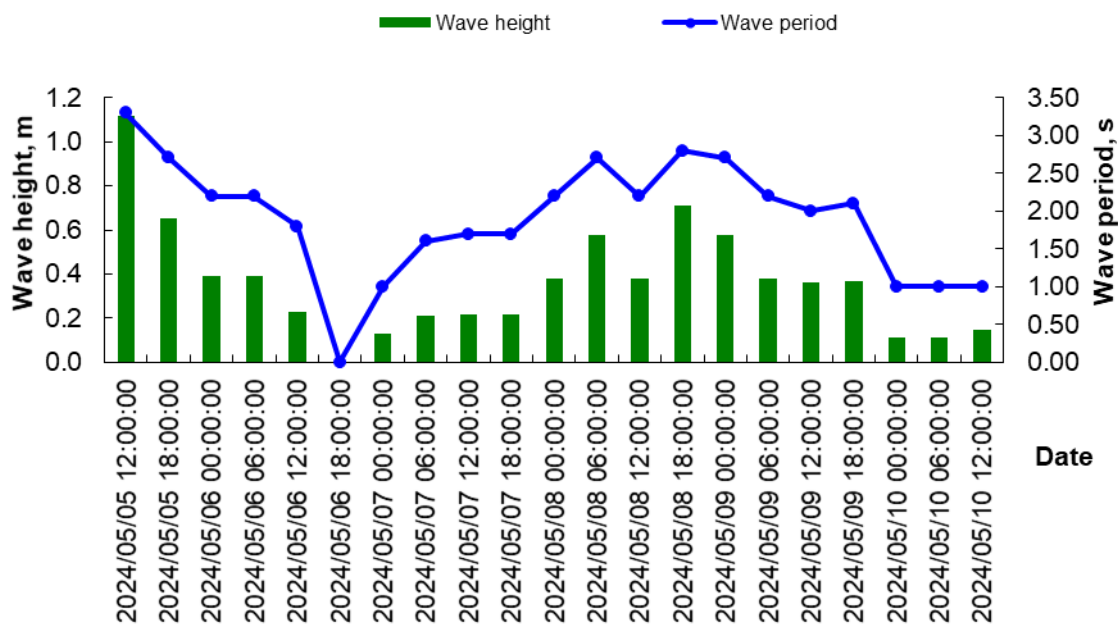
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 05 – 10 May 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
2024/05/05 12:00:00	10	SW	1.12	3.30
2024/05/05 18:00:00	7	SW	0.65	2.70
2024/05/06 00:00:00	5	S	0.39	2.20
2024/05/06 06:00:00	5	S	0.39	2.20
2024/05/06 12:00:00	4	S	0.23	1.80
2024/05/06 18:00:00	1	S	0.00	0.00
2024/05/07 00:00:00	3	SE	0.13	1.00
2024/05/07 06:00:00	4	W	0.21	1.60
2024/05/07 12:00:00	4	SW	0.22	1.70
2024/05/07 18:00:00	4	SW	0.22	1.70
2024/05/08 00:00:00	5	SE	0.38	2.20
2024/05/08 06:00:00	6	SE	0.58	2.70
2024/05/08 12:00:00	5	SE	0.38	2.20
2024/05/08 18:00:00	8	E	0.71	2.80
2024/05/09 00:00:00	6	SE	0.58	2.70
2024/05/09 06:00:00	5	SW	0.38	2.20
2024/05/09 12:00:00	5	W	0.36	2.00
2024/05/09 18:00:00	5	NW	0.37	2.10
2024/05/10 00:00:00	3	N	0.11	1.00
2024/05/10 06:00:00	3	N	0.11	1.00
2024/05/10 12:00:00	3	S	0.15	1.00

Made by: Zhagparoava N.N.

Checked by: Yeltay A.

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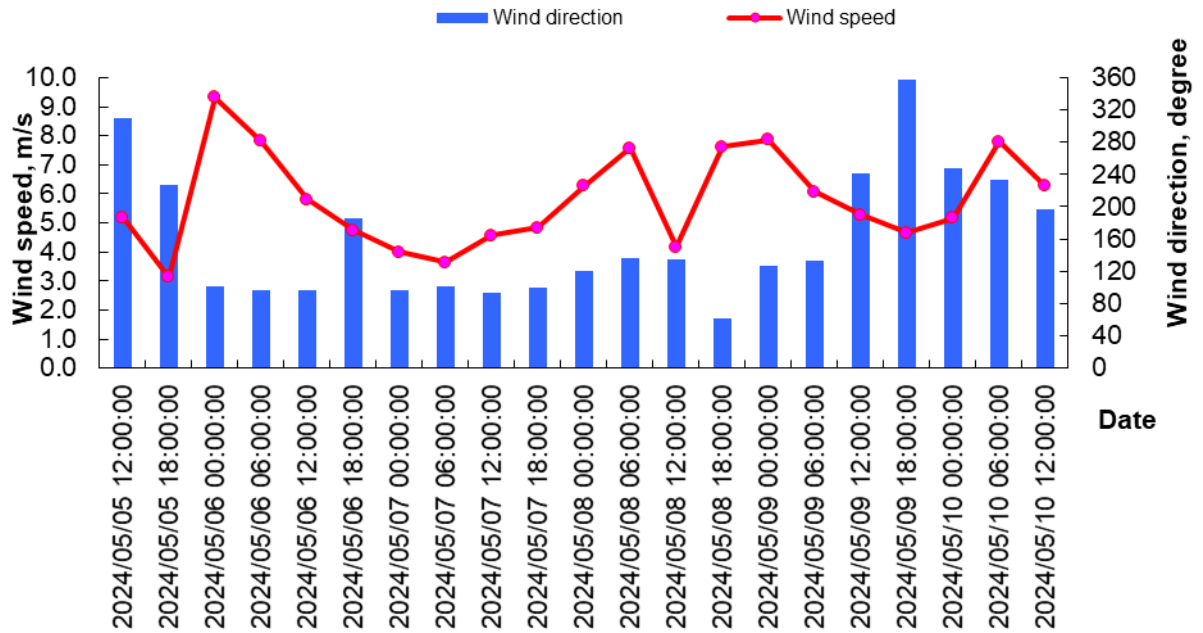


MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE  
REPUBLIC OF KAZAKHSTAN

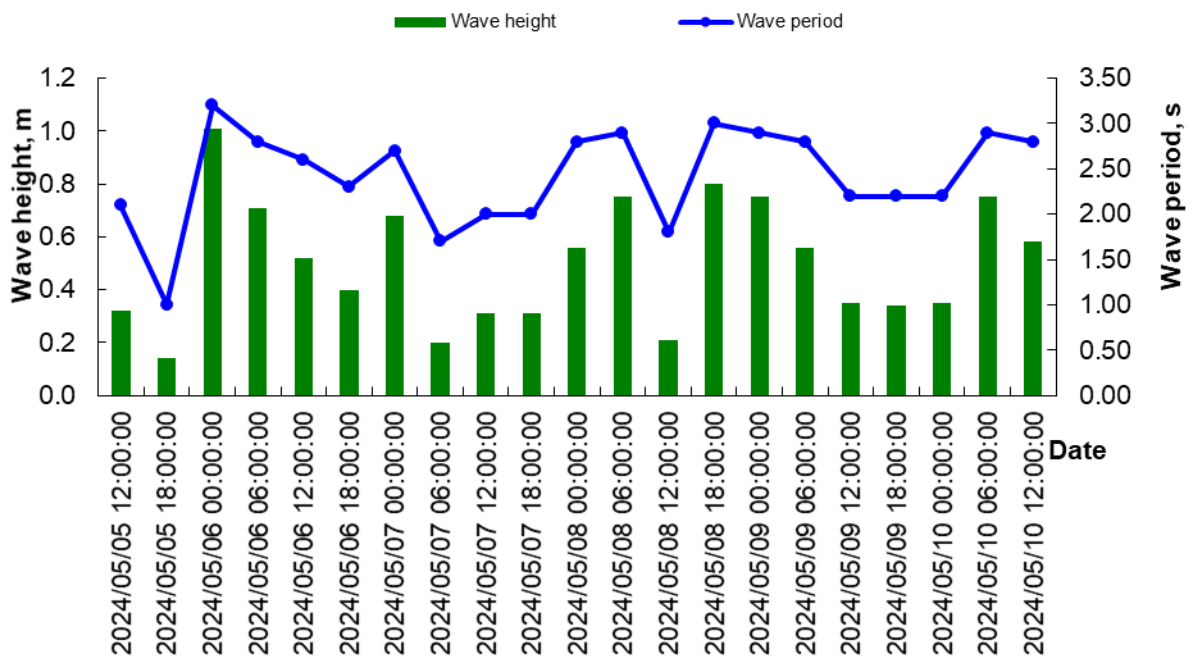
REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»

Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 05 – 10 May 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
2024/05/05 12:00:00	5	NW	0.32	2.10
2024/05/05 18:00:00	3	SW	0.14	1.00
2024/05/06 00:00:00	9	E	1.01	3.20
2024/05/06 06:00:00	8	E	0.71	2.80
2024/05/06 12:00:00	6	E	0.52	2.60
2024/05/06 18:00:00	5	S	0.40	2.30
2024/05/07 00:00:00	7	E	0.68	2.70
2024/05/07 06:00:00	4	E	0.20	1.70
2024/05/07 12:00:00	5	E	0.31	2.00
2024/05/07 18:00:00	5	E	0.31	2.00
2024/05/08 00:00:00	6	SE	0.56	2.80
2024/05/08 06:00:00	8	SE	0.75	2.90
2024/05/08 12:00:00	4	SE	0.21	1.80
2024/05/08 18:00:00	8	NE	0.80	3.00
2024/05/09 00:00:00	8	SE	0.75	2.90
2024/05/09 06:00:00	6	SE	0.56	2.80
2024/05/09 12:00:00	5	SW	0.35	2.20
2024/05/09 18:00:00	5	N	0.34	2.20
2024/05/10 00:00:00	5	SW	0.35	2.20
2024/05/10 06:00:00	8	SW	0.75	2.90
2024/05/10 12:00:00	6	S	0.58	2.80

Made by: Zhagparova N.N.

Checked by: Yeltay A.

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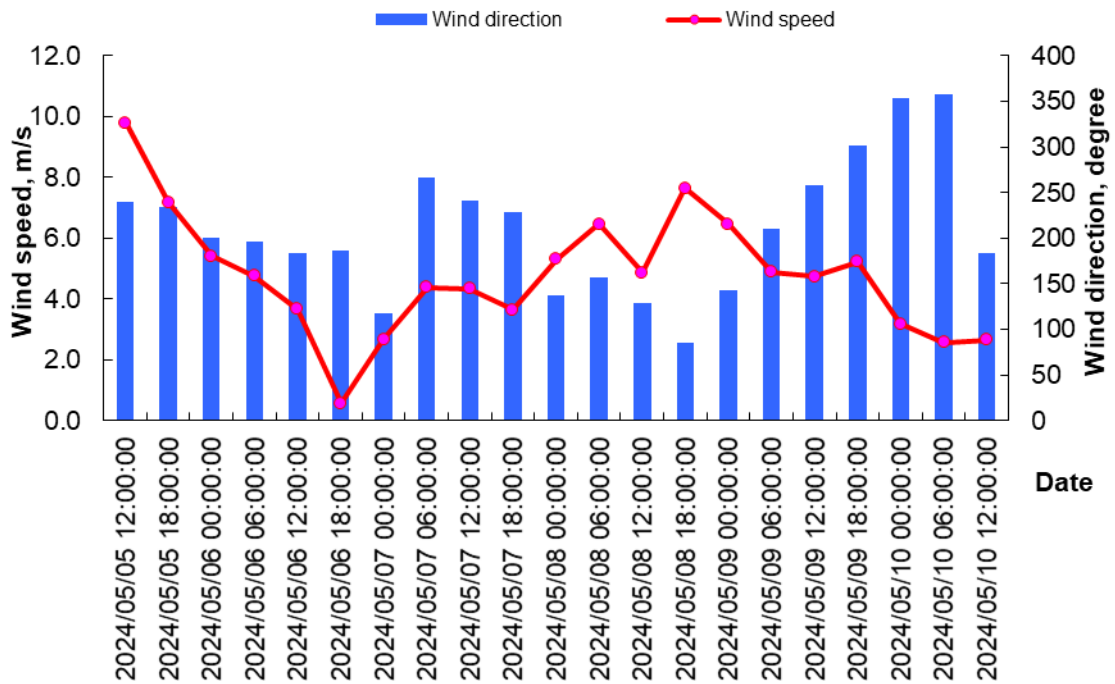


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REPUBLIC OF KAZAKHSTAN**

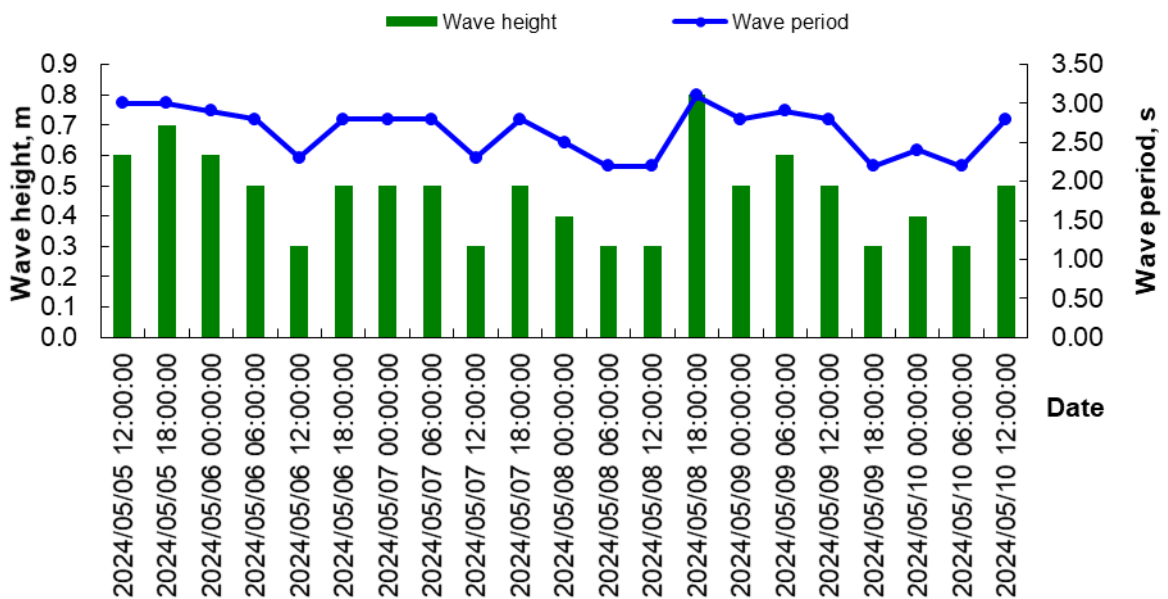
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 05 – 10 May 2024.**

**Wind condition in the 21050 unit**



**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
2024/05/05 12:00:00	8	W	0.60	3.00
2024/05/05 18:00:00	8	SW	0.70	3.00
2024/05/06 00:00:00	7	SW	0.60	2.90
2024/05/06 06:00:00	6	S	0.50	2.80
2024/05/06 12:00:00	7	E	0.30	2.30
2024/05/06 18:00:00	5	S	0.50	2.80
2024/05/07 00:00:00	5	SW	0.50	2.80
2024/05/07 06:00:00	5	SW	0.50	2.80
2024/05/07 12:00:00	5	E	0.30	2.30
2024/05/07 18:00:00	5	SW	0.50	2.80
2024/05/08 00:00:00	8	E	0.40	2.50
2024/05/08 06:00:00	5	SE	0.30	2.20
2024/05/08 12:00:00	5	SE	0.30	2.20
2024/05/08 18:00:00	9	S	0.80	3.10
2024/05/09 00:00:00	7	SE	0.50	2.80
2024/05/09 06:00:00	7	S	0.60	2.90
2024/05/09 12:00:00	5	S	0.50	2.80
2024/05/09 18:00:00	3	SW	0.30	2.20
2024/05/10 00:00:00	4	W	0.40	2.40
2024/05/10 06:00:00	6	N	0.30	2.20
2024/05/10 12:00:00	5	S	0.50	2.80

Made by: Zhagparova N.N.

Checked by: Yeltay A.

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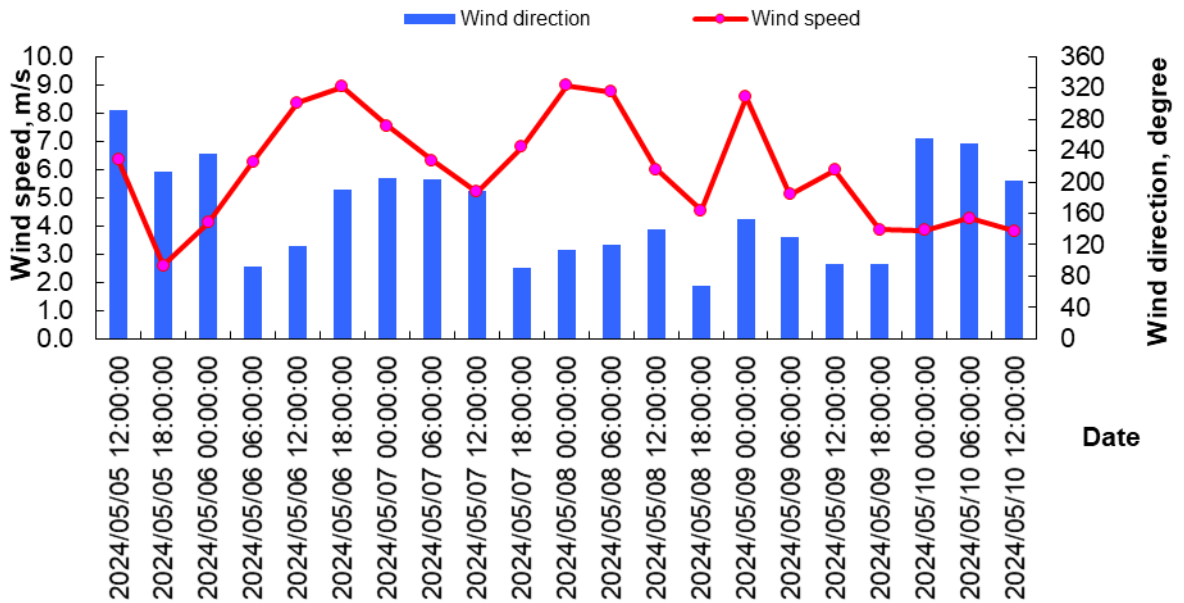


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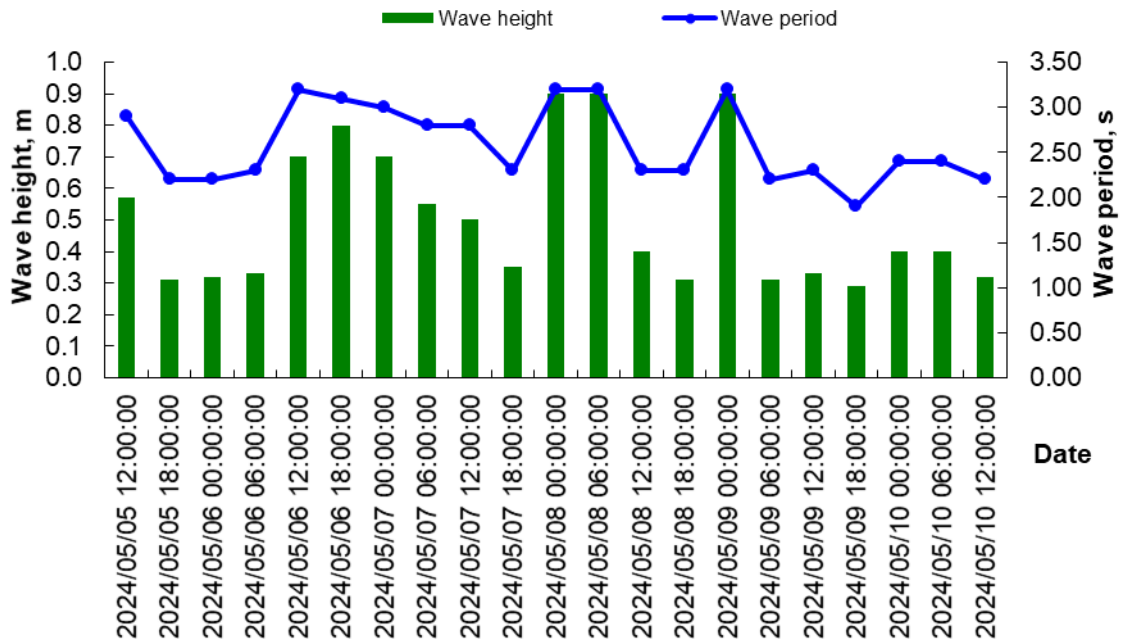
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 05 – 10 May 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
2024/05/05 12:00:00	6	W	0.57	2.90
2024/05/05 18:00:00	3	SW	0.31	2.20
2024/05/06 00:00:00	4	SW	0.32	2.20
2024/05/06 06:00:00	6	E	0.33	2.30
2024/05/06 12:00:00	8	SE	0.70	3.20
2024/05/06 18:00:00	9	S	0.80	3.10
2024/05/07 00:00:00	8	SW	0.70	3.00
2024/05/07 06:00:00	6	SW	0.55	2.80
2024/05/07 12:00:00	5	S	0.50	2.80
2024/05/07 18:00:00	7	E	0.35	2.30
2024/05/08 00:00:00	9	SE	0.90	3.20
2024/05/08 06:00:00	9	SE	0.90	3.20
2024/05/08 12:00:00	6	SE	0.40	2.30
2024/05/08 18:00:00	5	E	0.31	2.30
2024/05/09 00:00:00	9	SE	0.90	3.20
2024/05/09 06:00:00	5	SE	0.31	2.20
2024/05/09 12:00:00	6	E	0.33	2.30
2024/05/09 18:00:00	4	E	0.29	1.90
2024/05/10 00:00:00	4	W	0.40	2.40
2024/05/10 06:00:00	4	W	0.40	2.40
2024/05/10 12:00:00	4	S	0.32	2.20

Made by: Zhagparova N.N.

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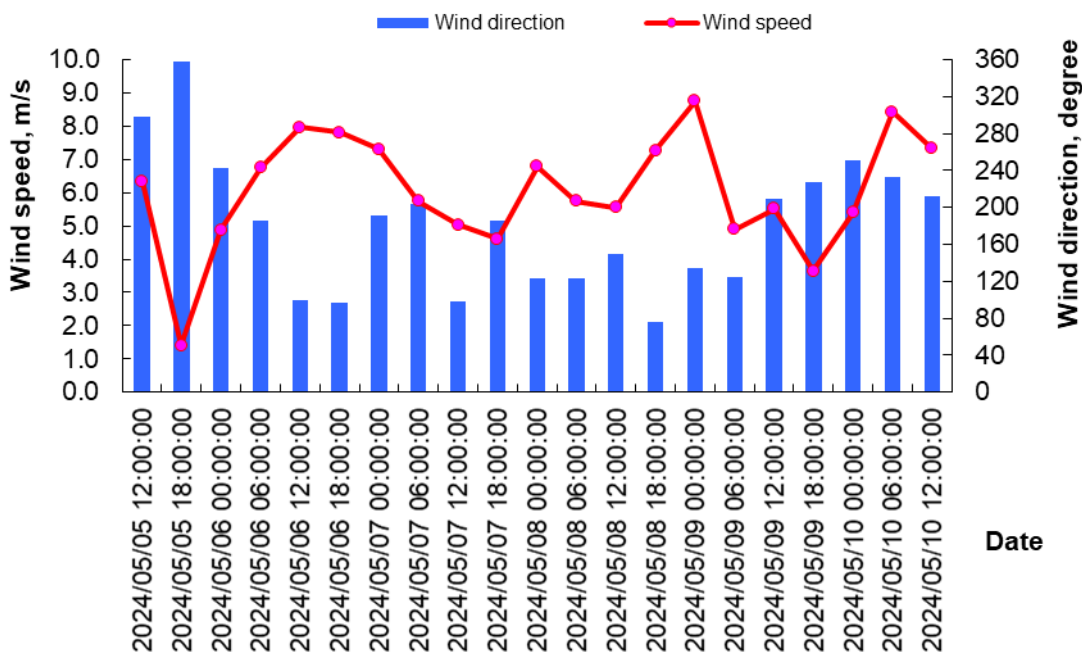


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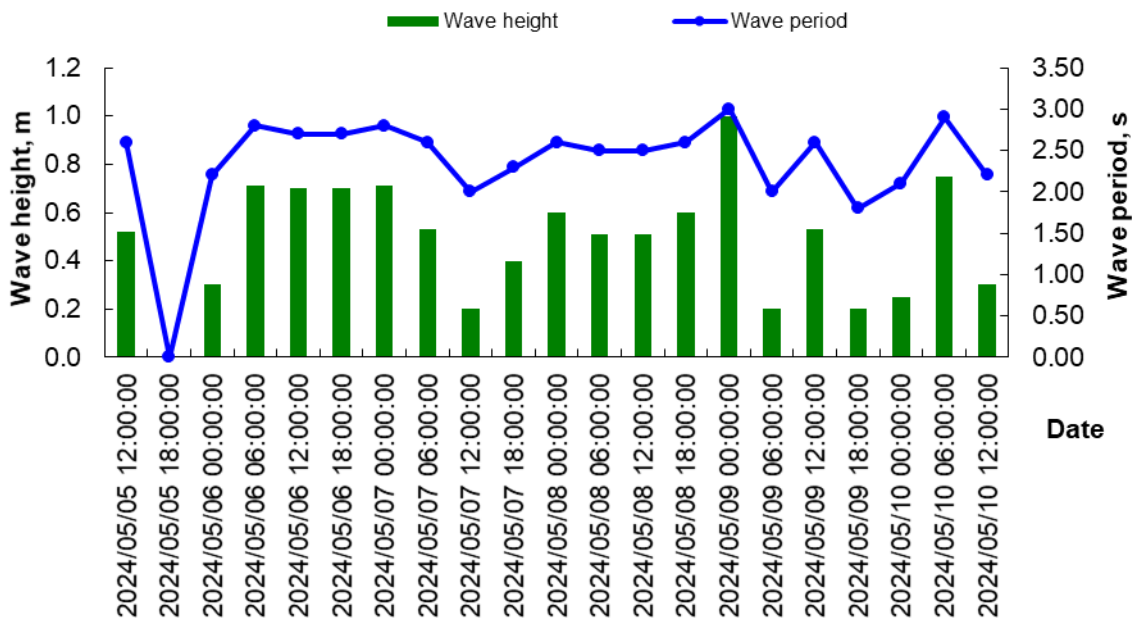
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 05 – 10 May 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
2024/05/05 12:00:00	6	NW	0.52	2.60
2024/05/05 18:00:00	1	N	0.00	0.00
2024/05/06 00:00:00	5	SW	0.30	2.20
2024/05/06 06:00:00	7	S	0.71	2.80
2024/05/06 12:00:00	8	E	0.70	2.70
2024/05/06 18:00:00	8	E	0.70	2.70
2024/05/07 00:00:00	7	S	0.71	2.80
2024/05/07 06:00:00	6	SW	0.53	2.60
2024/05/07 12:00:00	5	E	0.20	2.00
2024/05/07 18:00:00	5	S	0.40	2.30
2024/05/08 00:00:00	7	SE	0.60	2.60
2024/05/08 06:00:00	6	SE	0.51	2.50
2024/05/08 12:00:00	6	SE	0.51	2.50
2024/05/08 18:00:00	7	E	0.60	2.60
2024/05/09 00:00:00	9	SE	1.00	3.00
2024/05/09 06:00:00	5	SE	0.20	2.00
2024/05/09 12:00:00	6	SW	0.53	2.60
2024/05/09 18:00:00	4	SW	0.20	1.80
2024/05/10 00:00:00	5	W	0.25	2.10
2024/05/10 06:00:00	8	SW	0.75	2.90
2024/05/10 12:00:00	5	SW	0.30	2.20

Made by: Zhagparoav N.N.

Checked by: Yeltay A.

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