

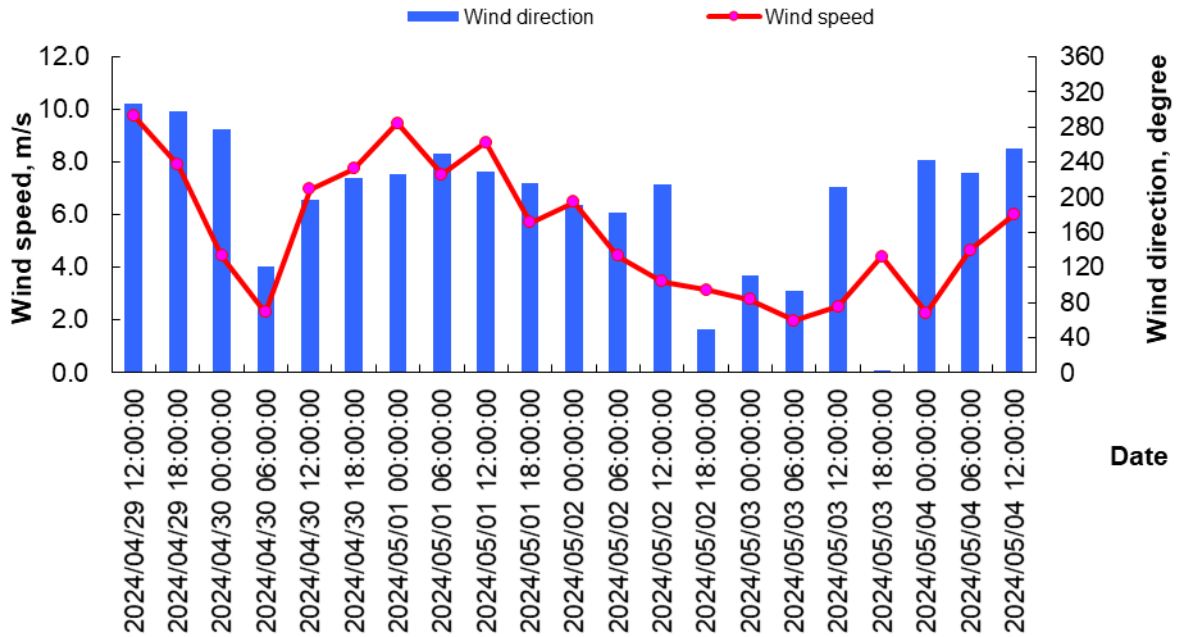


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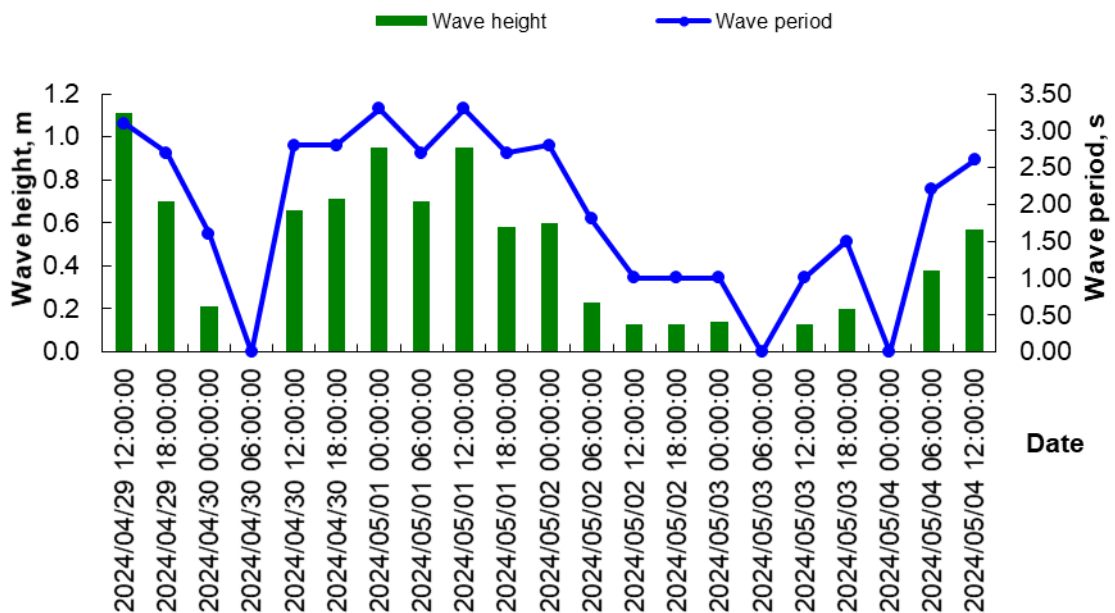
REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»

**Forecast of the wave and wind condition for Middle part of the Caspian Sea
Probability – 5 days, period 29 April – 04 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 (τ)	
	WS, m/s	WD, rumb	H, m	t, s
2024/04/29 12:00:00	10	NW	1.11	3.10
2024/04/29 18:00:00	8	NW	0.70	2.70
2024/04/30 00:00:00	4	W	0.21	1.60
2024/04/30 06:00:00	2	SE	0.00	0.00
2024/04/30 12:00:00	7	S	0.66	2.80
2024/04/30 18:00:00	8	SW	0.71	2.80
2024/05/01 00:00:00	9	SW	0.95	3.30
2024/05/01 06:00:00	8	W	0.70	2.70
2024/05/01 12:00:00	9	SW	0.95	3.30
2024/05/01 18:00:00	6	SW	0.58	2.70
2024/05/02 00:00:00	6	S	0.60	2.80
2024/05/02 06:00:00	4	S	0.23	1.80
2024/05/02 12:00:00	3	SW	0.13	1.00
2024/05/02 18:00:00	3	NE	0.13	1.00
2024/05/03 00:00:00	3	E	0.14	1.00
2024/05/03 06:00:00	2	E	0.00	0.00
2024/05/03 12:00:00	3	SW	0.13	1.00
2024/05/03 18:00:00	4	N	0.20	1.50
2024/05/04 00:00:00	2	SW	0.00	0.00
2024/05/04 06:00:00	5	SW	0.38	2.20
2024/04/29 12:00:00	10	NW	1.11	3.10

Made by: Zhagparoava N.N.

Checked by: Yeltay A.

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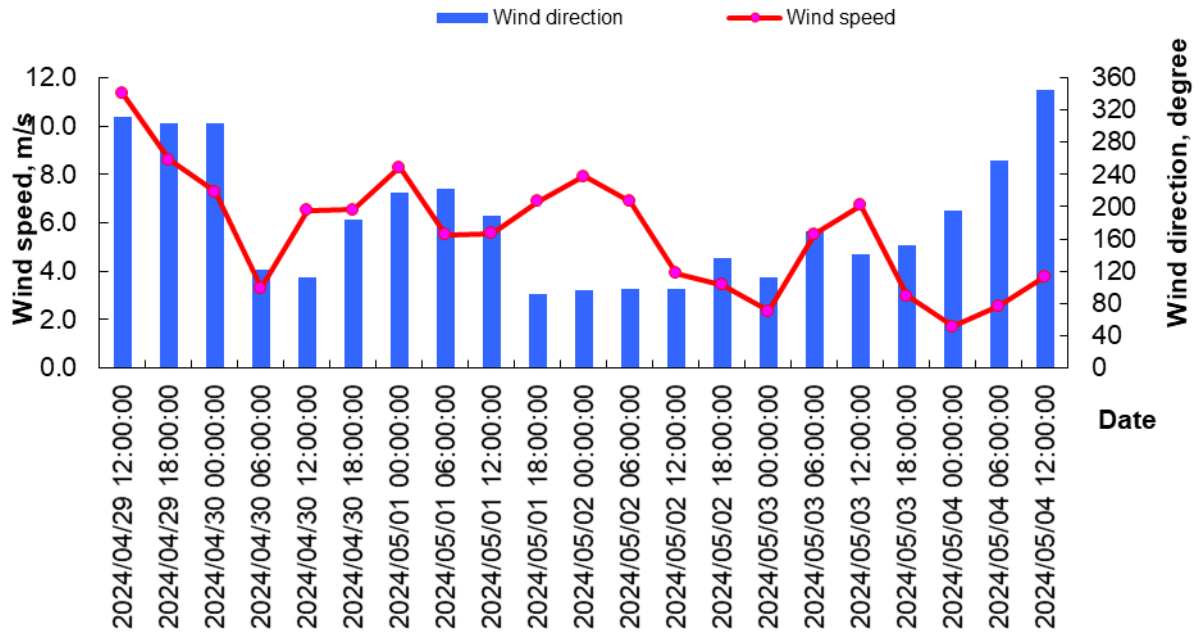


**MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE
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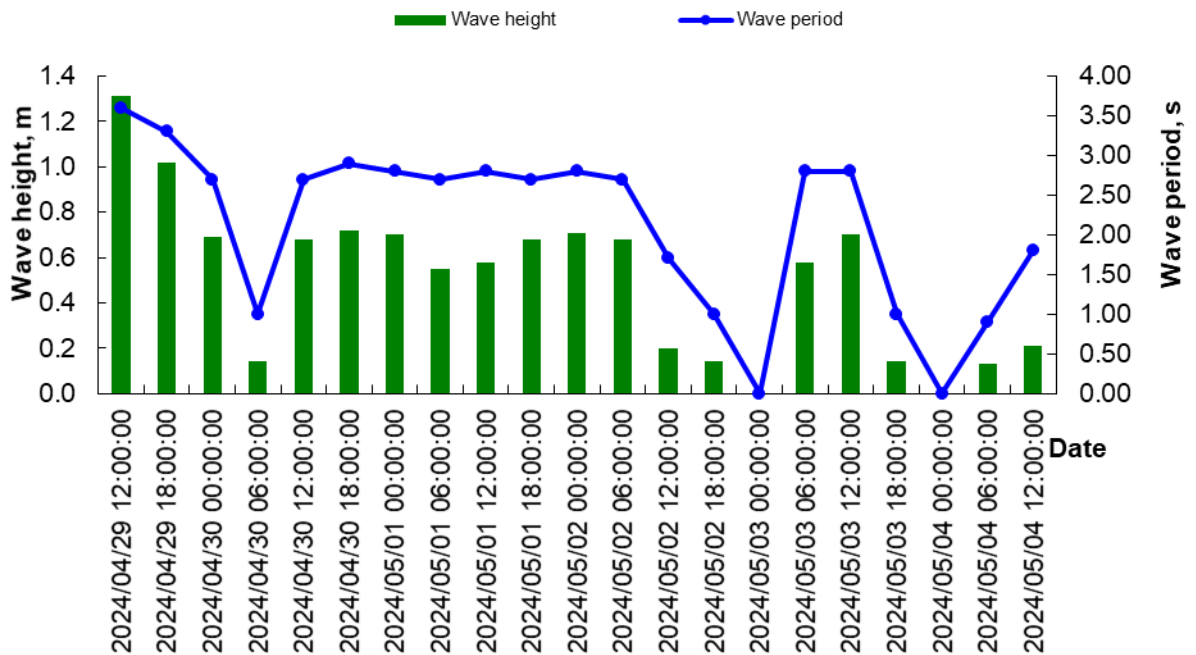
REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»

**Forecast of the wave and wind condition for Middle part of the Caspian Sea
Probability – 5 days, period 29 April – 04 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 (τ)	
	WS, m/s	WD, rumb	H, m	t, s
2024/04/29 12:00:00	11	NW	1.31	3.60
2024/04/29 18:00:00	9	NW	1.02	3.30
2024/04/30 00:00:00	7	NW	0.69	2.70
2024/04/30 06:00:00	3	SE	0.14	1.00
2024/04/30 12:00:00	7	E	0.68	2.70
2024/04/30 18:00:00	7	S	0.72	2.90
2024/05/01 00:00:00	7	SW	0.70	2.80
2024/05/01 06:00:00	6	SW	0.55	2.70
2024/05/01 12:00:00	6	S	0.58	2.80
2024/05/01 18:00:00	7	E	0.68	2.70
2024/05/02 00:00:00	8	E	0.71	2.80
2024/05/02 06:00:00	7	E	0.68	2.70
2024/05/02 12:00:00	4	E	0.20	1.70
2024/05/02 18:00:00	3	SE	0.14	1.00
2024/05/03 00:00:00	2	E	0.00	0.00
2024/05/03 06:00:00	6	S	0.58	2.80
2024/05/03 12:00:00	7	SE	0.70	2.80
2024/05/03 18:00:00	3	SE	0.14	1.00
2024/05/04 00:00:00	2	S	0.00	0.00
2024/05/04 06:00:00	3	W	0.13	0.90
2024/05/04 12:00:00	4	N	0.21	1.80

Made by: Zhagparova N.N.

Checked by: Yeltay A.

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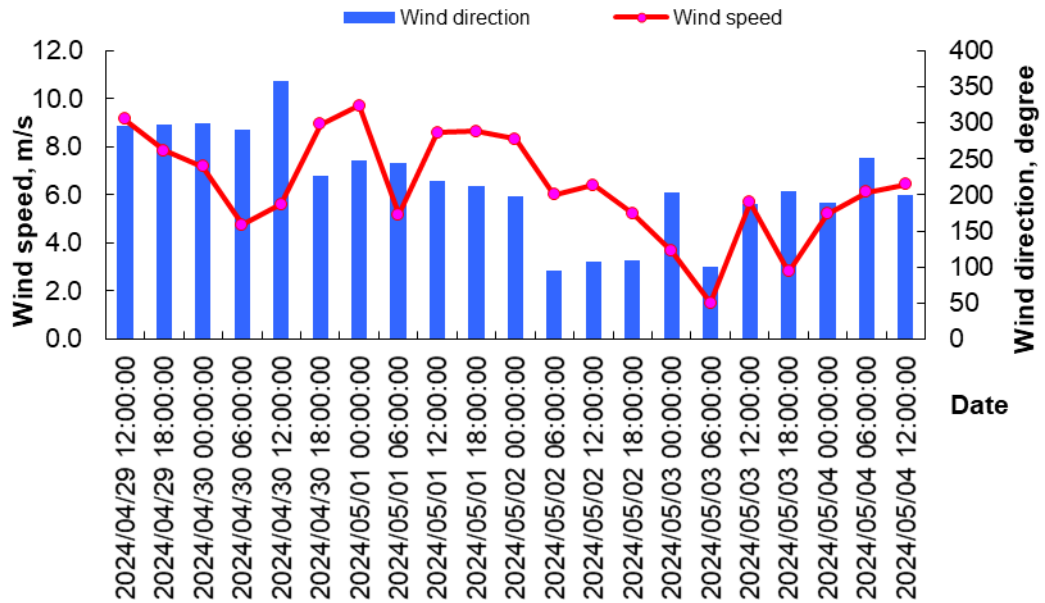


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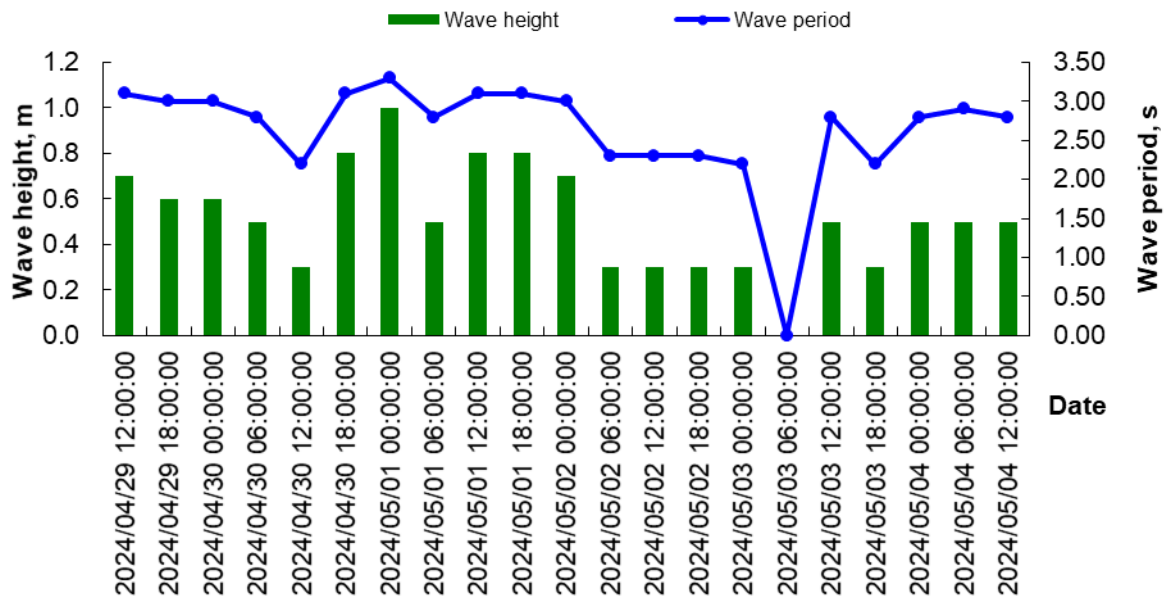
REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»

**Forecast of the wave and wind condition for Middle part of the Caspian Sea
Probability – 5 days, period 29 April – 04 May 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 (τ)	
	WS, m/s	WD, rumb	H, m	t, s
2024/04/29 12:00:00	9	NW	0.70	3.10
2024/04/29 18:00:00	8	NW	0.60	3.00
2024/04/30 00:00:00	7	NW	0.60	3.00
2024/04/30 06:00:00	5	W	0.50	2.80
2024/04/30 12:00:00	6	N	0.30	2.20
2024/04/30 18:00:00	9	SW	0.80	3.10
2024/05/01 00:00:00	10	SW	1.00	3.30
2024/05/01 06:00:00	5	SW	0.50	2.80
2024/05/01 12:00:00	9	SW	0.80	3.10
2024/05/01 18:00:00	9	SW	0.80	3.10
2024/05/02 00:00:00	8	S	0.70	3.00
2024/05/02 06:00:00	6	E	0.30	2.30
2024/05/02 12:00:00	6	E	0.30	2.30
2024/05/02 18:00:00	5	E	0.30	2.30
2024/05/03 00:00:00	4	SW	0.30	2.20
2024/05/03 06:00:00	1	E	0.00	0.00
2024/05/03 12:00:00	6	S	0.50	2.80
2024/05/03 18:00:00	3	SW	0.30	2.20
2024/05/04 00:00:00	5	S	0.50	2.80
2024/05/04 06:00:00	6	W	0.50	2.90
2024/05/04 12:00:00	6	S	0.50	2.80

Made by: Zhagparova N.N.

Checked by: Yeltay A.

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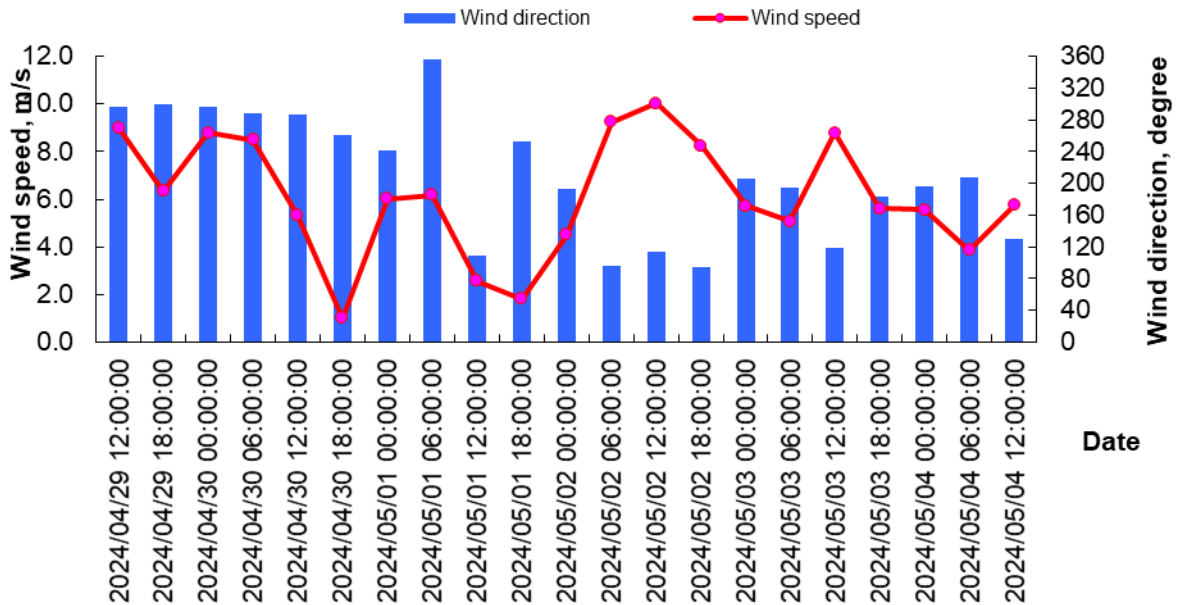


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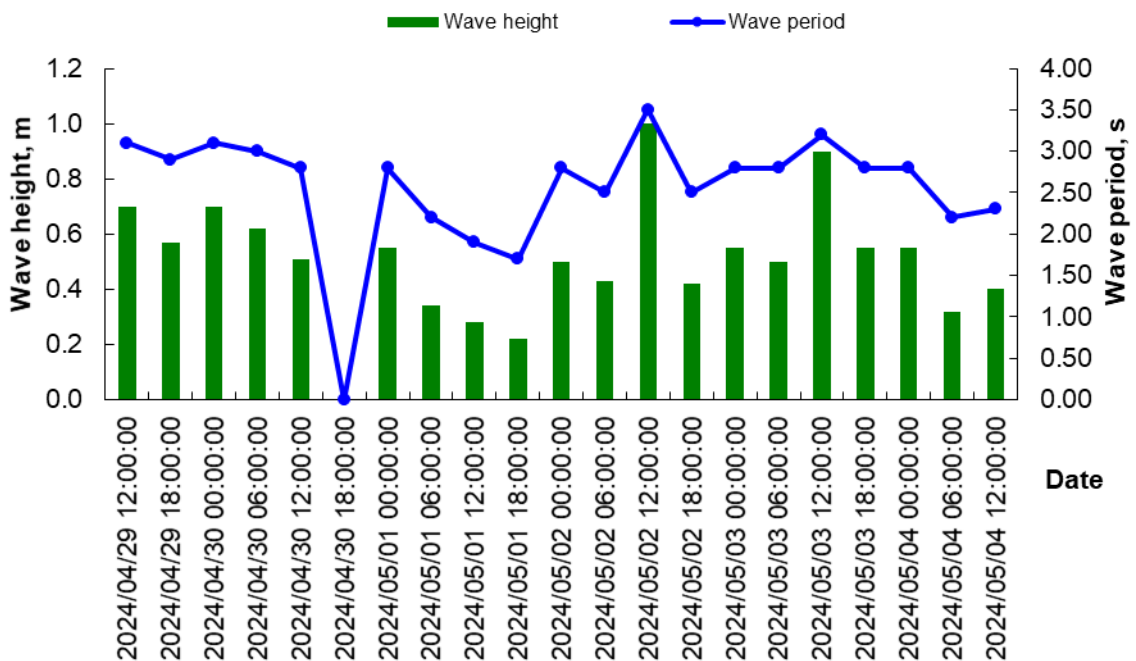
REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»

**Forecast of the wave and wind condition for Middle part of the Caspian Sea
Probability – 5 days, period 29 April – 04 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 (τ)	
	WS, m/s	WD, rumb	H, m	t, s
2024/04/29 12:00:00	9	NW	0.70	3.10
2024/04/29 18:00:00	6	NW	0.57	2.90
2024/04/30 00:00:00	9	NW	0.70	3.10
2024/04/30 06:00:00	8	W	0.62	3.00
2024/04/30 12:00:00	5	W	0.51	2.80
2024/04/30 18:00:00	1	W	0.00	0.00
2024/05/01 00:00:00	6	SW	0.55	2.80
2024/05/01 06:00:00	6	N	0.34	2.20
2024/05/01 12:00:00	3	E	0.28	1.90
2024/05/01 18:00:00	2	W	0.22	1.70
2024/05/02 00:00:00	5	S	0.50	2.80
2024/05/02 06:00:00	9	E	0.43	2.50
2024/05/02 12:00:00	10	SE	1.00	3.50
2024/05/02 18:00:00	8	E	0.42	2.50
2024/05/03 00:00:00	6	SW	0.55	2.80
2024/05/03 06:00:00	5	S	0.50	2.80
2024/05/03 12:00:00	9	SE	0.90	3.20
2024/05/03 18:00:00	6	S	0.55	2.80
2024/05/04 00:00:00	6	S	0.55	2.80
2024/05/04 06:00:00	4	SW	0.32	2.20
2024/05/04 12:00:00	6	SE	0.40	2.30

Made by: Zhagparova N.N.

Checked by: Yeltay A.

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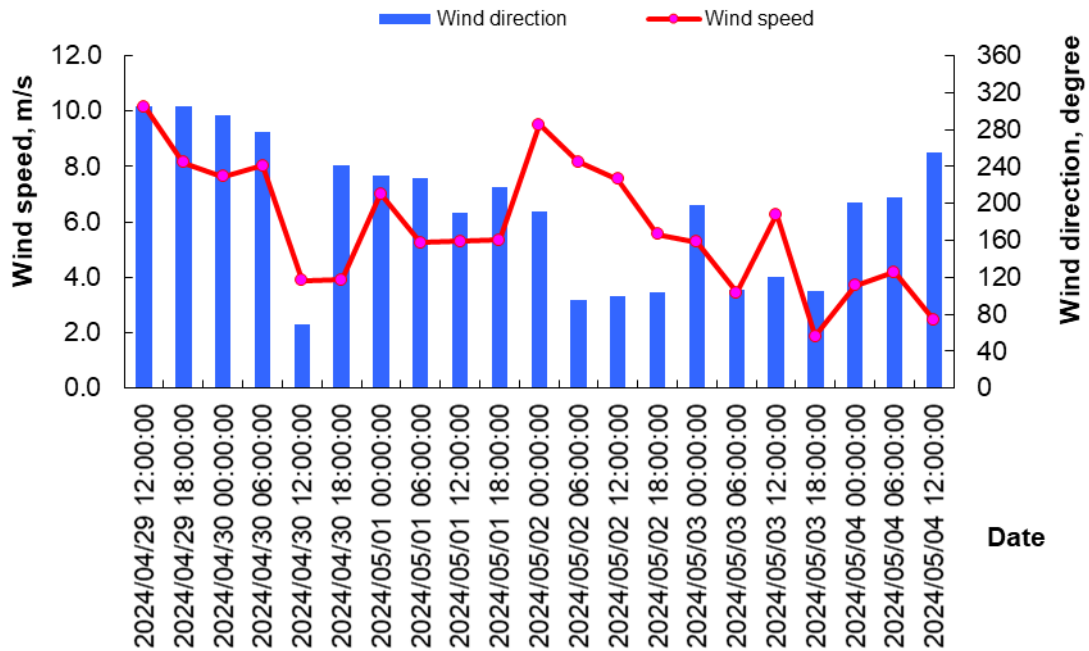


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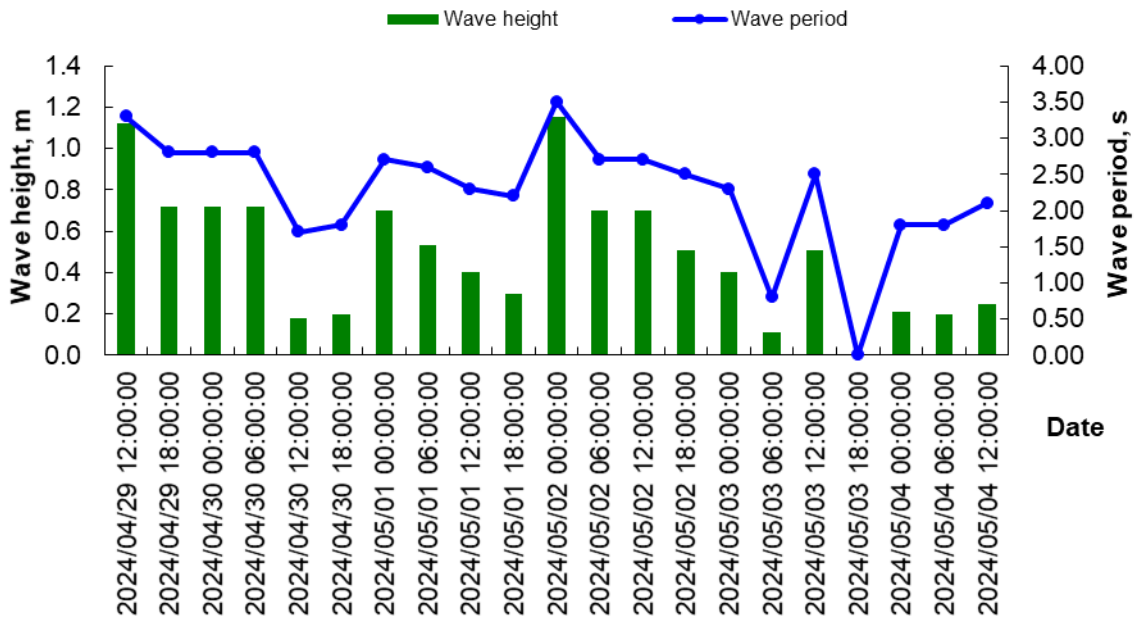
REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»

**Forecast of the wave and wind condition for Middle part of the Caspian Sea
Probability – 5 days, period 29 April – 04 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 (τ)	
	WS, m/s	WD, rumb	H, m	t, s
2024/04/29 12:00:00	10	NW	1.12	3.30
2024/04/29 18:00:00	8	NW	0.72	2.80
2024/04/30 00:00:00	8	NW	0.72	2.80
2024/04/30 06:00:00	8	W	0.72	2.80
2024/04/30 12:00:00	4	E	0.18	1.70
2024/04/30 18:00:00	4	SW	0.20	1.80
2024/05/01 00:00:00	7	SW	0.70	2.70
2024/05/01 06:00:00	6	SW	0.53	2.60
2024/05/01 12:00:00	5	S	0.40	2.30
2024/05/01 18:00:00	5	SW	0.30	2.20
2024/05/02 00:00:00	10	S	1.15	3.50
2024/05/02 06:00:00	8	E	0.70	2.70
2024/05/02 12:00:00	8	E	0.70	2.70
2024/05/02 18:00:00	6	E	0.51	2.50
2024/05/03 00:00:00	5	S	0.40	2.30
2024/05/03 06:00:00	3	E	0.11	0.80
2024/05/03 12:00:00	6	SE	0.51	2.50
2024/05/03 18:00:00	2	E	0.00	0.00
2024/05/04 00:00:00	4	S	0.21	1.80
2024/05/04 06:00:00	4	SW	0.20	1.80
2024/05/04 12:00:00	5	W	0.25	2.10

Made by: Zhagparoav N.N.

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