

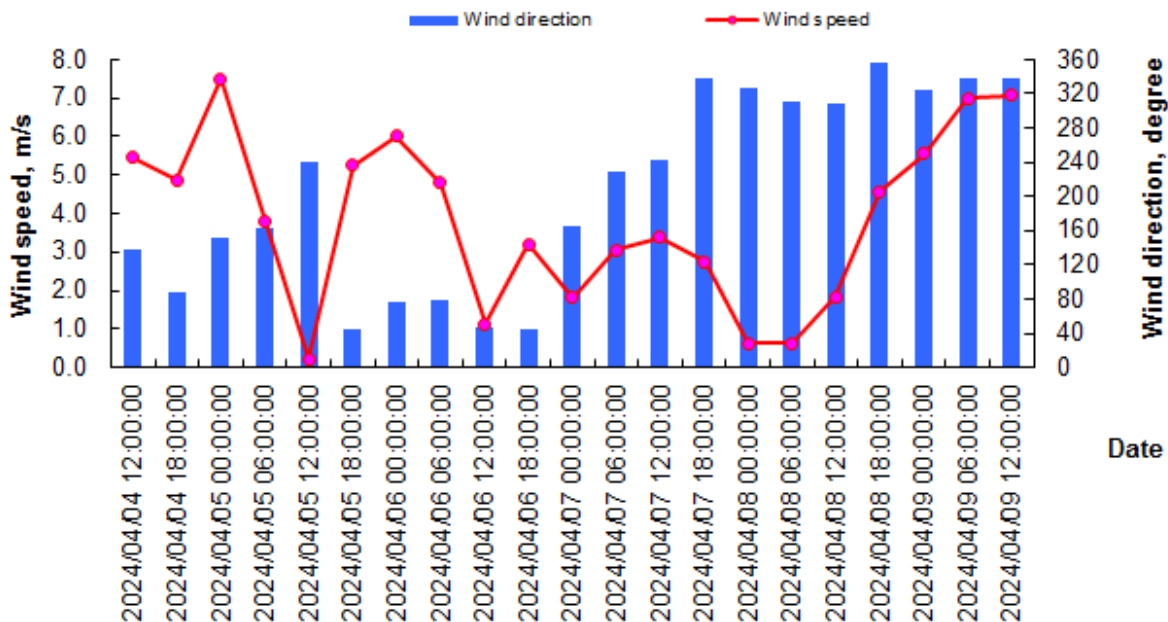


**MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE  
REPUBLIC OF KAZAKHSTAN**

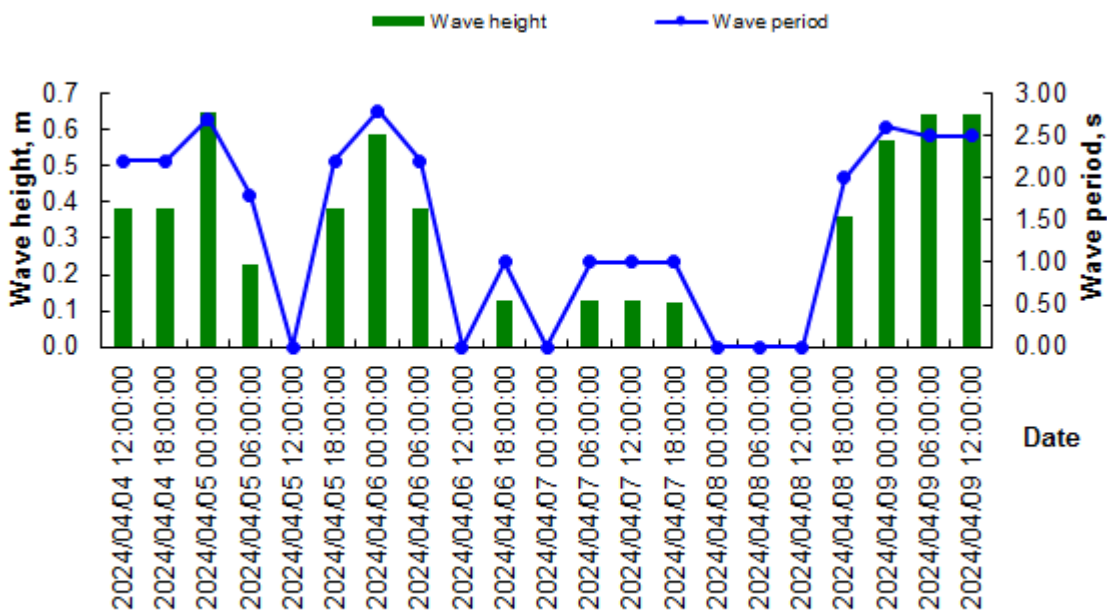
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 04-09 April 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
2024/04/04 12:00:00	5	SE	0.38	2.20
2024/04/04 18:00:00	5	E	0.38	2.20
2024/04/05 00:00:00	7	SE	0.65	2.70
2024/04/05 06:00:00	4	S	0.23	1.80
2024/04/05 12:00:00	0	SW	0.00	0.00
2024/04/05 18:00:00	5	NE	0.38	2.20
2024/04/06 00:00:00	6	E	0.59	2.80
2024/04/06 06:00:00	5	E	0.38	2.20
2024/04/06 12:00:00	1	NE	0.00	0.00
2024/04/06 18:00:00	3	NE	0.13	1.00
2024/04/07 00:00:00	2	S	0.00	0.00
2024/04/07 06:00:00	3	SW	0.13	1.00
2024/04/07 12:00:00	3	SW	0.13	1.00
2024/04/07 18:00:00	3	NW	0.12	1.00
2024/04/08 00:00:00	1	NW	0.00	0.00
2024/04/08 06:00:00	1	NW	0.00	0.00
2024/04/08 12:00:00	2	NW	0.00	0.00
2024/04/08 18:00:00	5	N	0.36	2.00
2024/04/09 00:00:00	6	NW	0.57	2.60
2024/04/09 06:00:00	7	N	0.64	2.50
2024/04/09 12:00:00	7	N	0.64	2.50

Made by: Shishkina G.M.

Checked by: Yeltay A.

Address: 050022. Almaty. Abay av. Tel. +7 7172 55 84 06;

*e-mail:* [ugmikm@meteo.kz](mailto:ugmikm@meteo.kz)

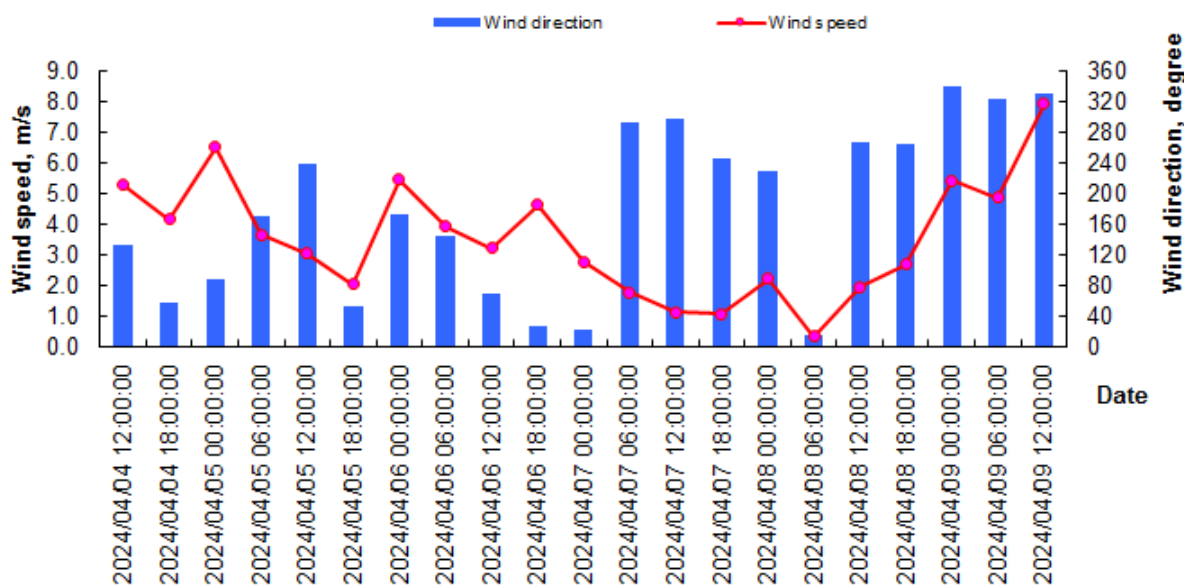


MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE  
REPUBLIC OF KAZAKHSTAN

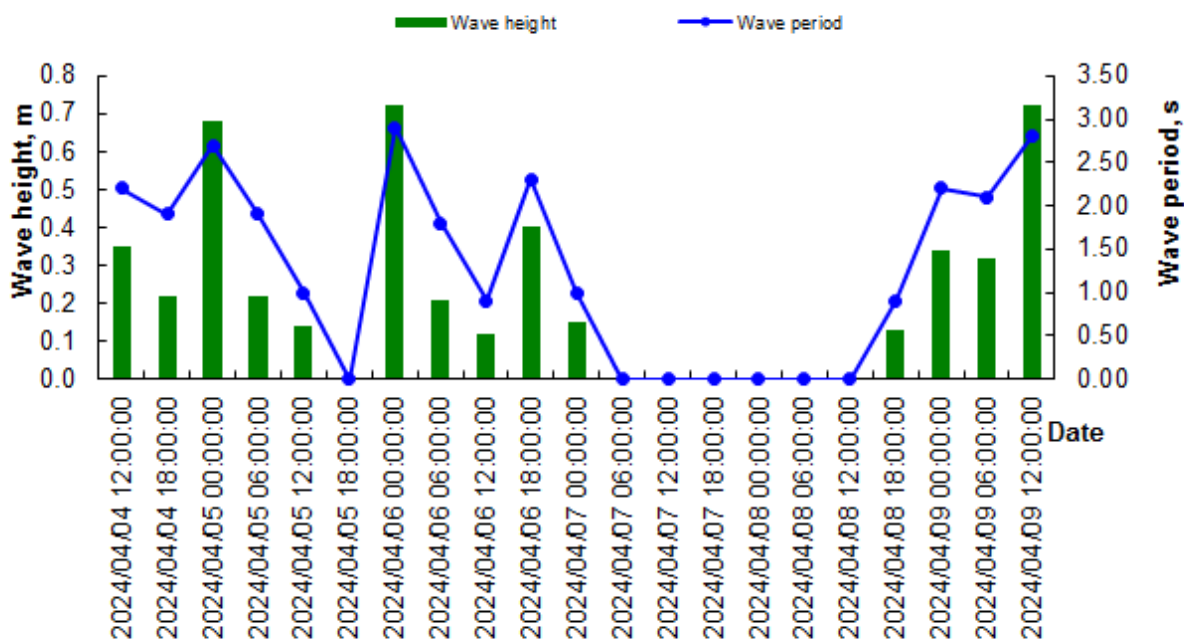
REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»

Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 04-09 April 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
2024/04/04 12:00:00	5	SE	0.35	2.20
2024/04/04 18:00:00	4	NE	0.22	1.90
2024/04/05 00:00:00	7	E	0.68	2.70
2024/04/05 06:00:00	4	S	0.22	1.90
2024/04/05 12:00:00	3	SW	0.14	1.00
2024/04/05 18:00:00	2	NE	0.00	0.00
2024/04/06 00:00:00	7	S	0.72	2.90
2024/04/06 06:00:00	4	SE	0.21	1.80
2024/04/06 12:00:00	3	E	0.12	0.90
2024/04/06 18:00:00	5	NE	0.40	2.30
2024/04/07 00:00:00	3	NE	0.15	1.00
2024/04/07 06:00:00	2	W	0.00	0.00
2024/04/07 12:00:00	1	NW	0.00	0.00
2024/04/07 18:00:00	1	SW	0.00	0.00
2024/04/08 00:00:00	2	SW	0.00	0.00
2024/04/08 06:00:00	0	N	0.00	0.00
2024/04/08 12:00:00	2	W	0.00	0.00
2024/04/08 18:00:00	3	W	0.13	0.90
2024/04/09 00:00:00	5	N	0.34	2.20
2024/04/09 06:00:00	5	NW	0.32	2.10
2024/04/09 12:00:00	8	NW	0.72	2.80

Made by: Shishkina G.M.

Checked by: Yeltay A.

Address: 050022. Almaty. Abay av. Tel. +7 7172 55 84 06;  
e-mail: [ugmikm@meteo.kz](mailto:ugmikm@meteo.kz)

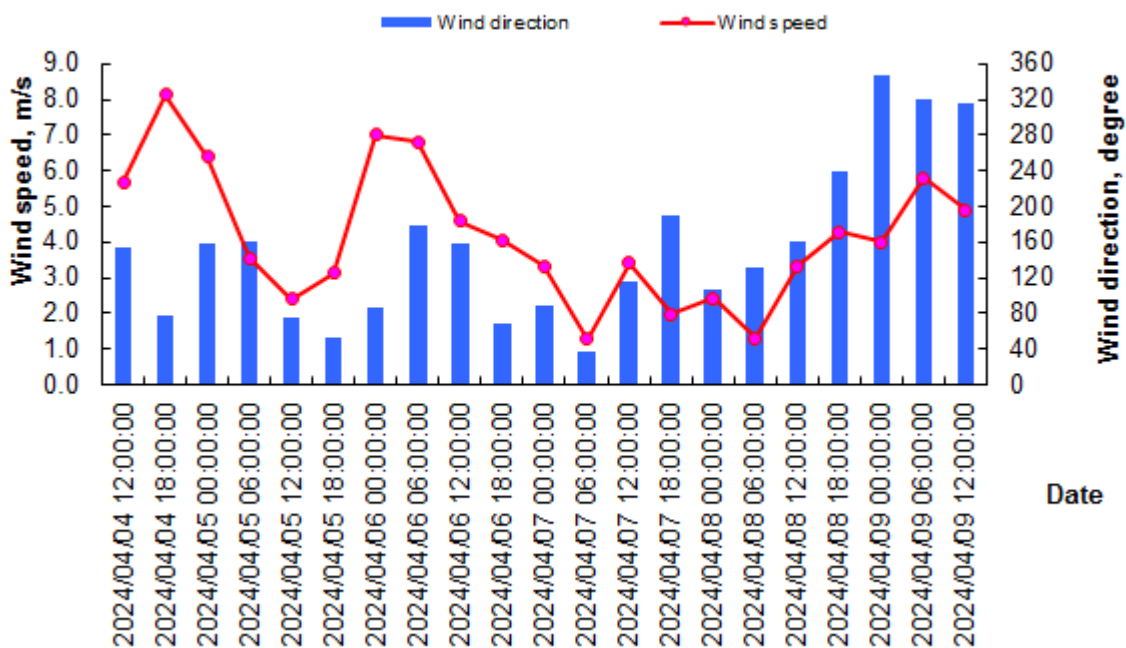


**MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE  
REPUBLIC OF KAZAKHSTAN**

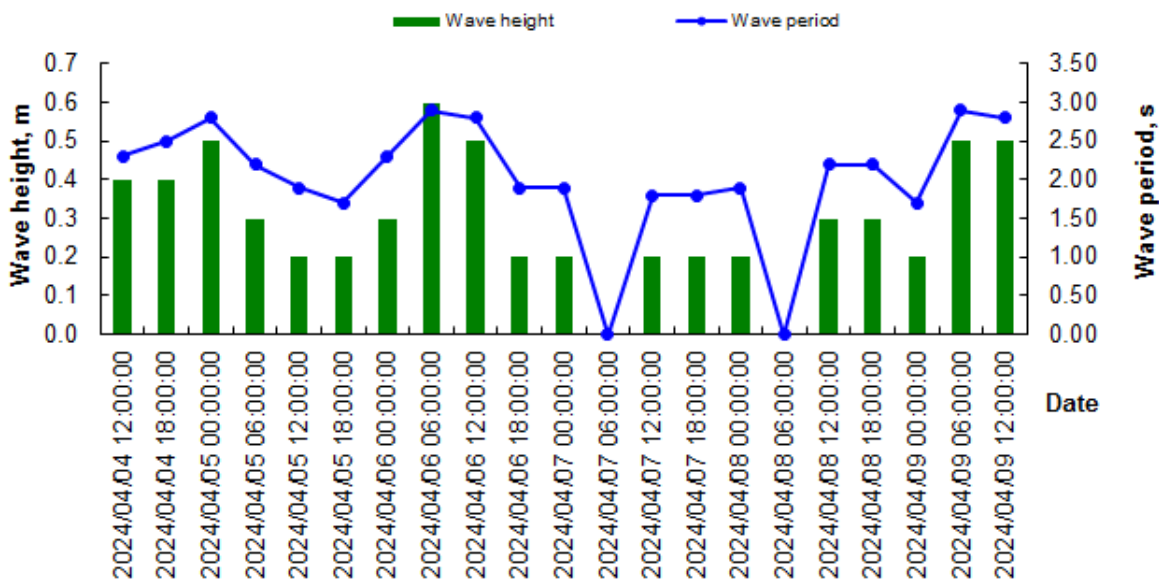
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 04-09 April 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
2024/04/04 12:00:00	6	SE	0.40	2.30
2024/04/04 18:00:00	8	E	0.40	2.50
2024/04/05 00:00:00	6	S	0.50	2.80
2024/04/05 06:00:00	4	S	0.30	2.20
2024/04/05 12:00:00	2	E	0.20	1.90
2024/04/05 18:00:00	3	NE	0.20	1.70
2024/04/06 00:00:00	7	E	0.30	2.30
2024/04/06 06:00:00	7	S	0.60	2.90
2024/04/06 12:00:00	5	S	0.50	2.80
2024/04/06 18:00:00	4	E	0.20	1.90
2024/04/07 00:00:00	3	E	0.20	1.90
2024/04/07 06:00:00	1	NE	0.00	0.00
2024/04/07 12:00:00	3	SE	0.20	1.80
2024/04/07 18:00:00	2	S	0.20	1.80
2024/04/08 00:00:00	2	E	0.20	1.90
2024/04/08 06:00:00	1	SE	0.00	0.00
2024/04/08 12:00:00	3	S	0.30	2.20
2024/04/08 18:00:00	4	SW	0.30	2.20
2024/04/09 00:00:00	4	N	0.20	1.70
2024/04/09 06:00:00	6	NW	0.50	2.90
2024/04/09 12:00:00	5	NW	0.50	2.80

Made by: Shishkina G.M.

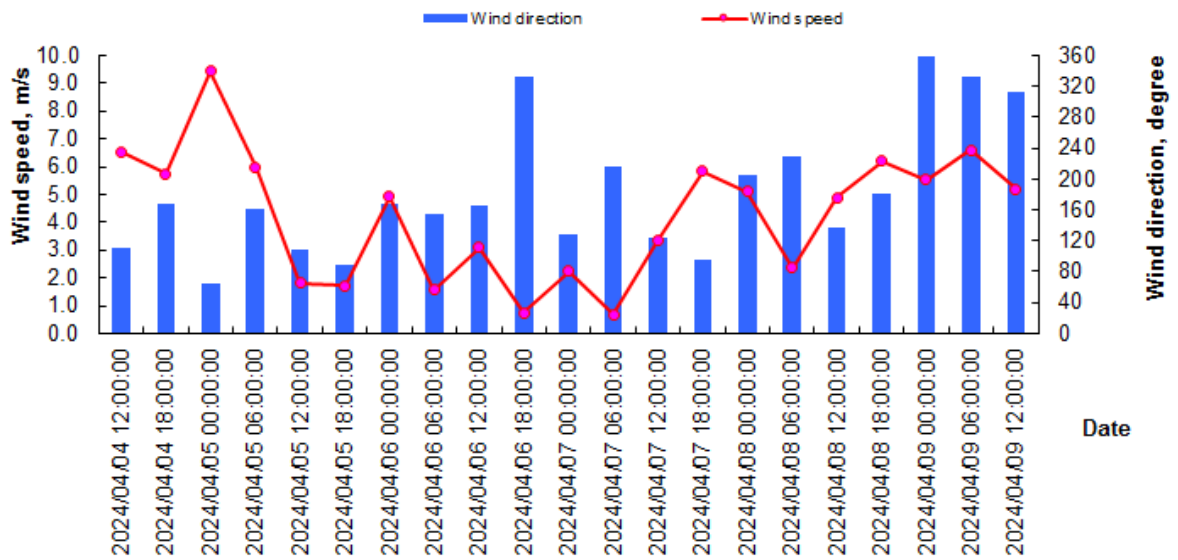
Checked by: Yeltay A.

Address: 050022. Almaty. Abay av. Tel. +7 7172 55 84 06;

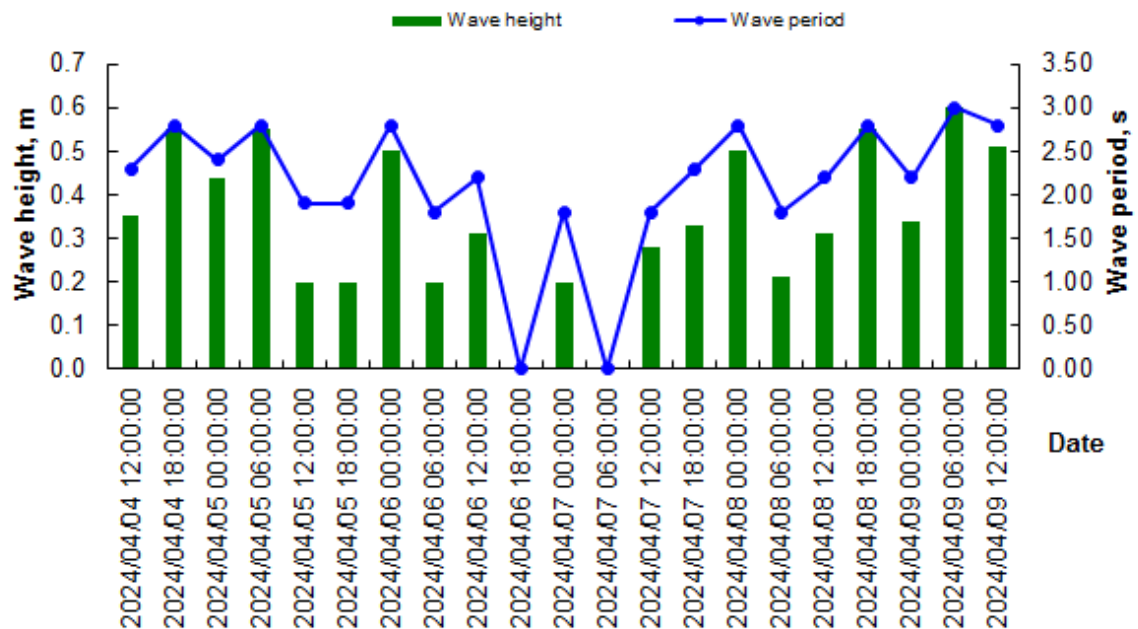
e-mail: [ugmikm@meteo.kz](mailto:ugmikm@meteo.kz)

Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 04-09 April 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
2024/04/04 12:00:00	7	E	0.35	2.30
2024/04/04 18:00:00	6	S	0.55	2.80
2024/04/05 00:00:00	9	NE	0.44	2.40
2024/04/05 06:00:00	6	S	0.55	2.80
2024/04/05 12:00:00	2	E	0.20	1.90
2024/04/05 18:00:00	2	E	0.20	1.90
2024/04/06 00:00:00	5	S	0.50	2.80
2024/04/06 06:00:00	2	SE	0.20	1.80
2024/04/06 12:00:00	3	S	0.31	2.20
2024/04/06 18:00:00	1	NW	0.00	0.00
2024/04/07 00:00:00	2	SE	0.20	1.80
2024/04/07 06:00:00	1	SW	0.00	0.00
2024/04/07 12:00:00	3	SE	0.28	1.80
2024/04/07 18:00:00	6	E	0.33	2.30
2024/04/08 00:00:00	5	SW	0.50	2.80
2024/04/08 06:00:00	2	SW	0.21	1.80
2024/04/08 12:00:00	5	SE	0.31	2.20
2024/04/08 18:00:00	6	S	0.55	2.80
2024/04/09 00:00:00	6	N	0.34	2.20
2024/04/09 06:00:00	7	NW	0.60	3.00
2024/04/09 12:00:00	5	NW	0.51	2.80

Made by: Shishkina G.M.

Checked by: Yeltay A.

Address: 050022. Almaty. Abay av. Tel. +7 7172 55 84 06;  
e-mail: [ugmikm@meteo.kz](mailto:ugmikm@meteo.kz)



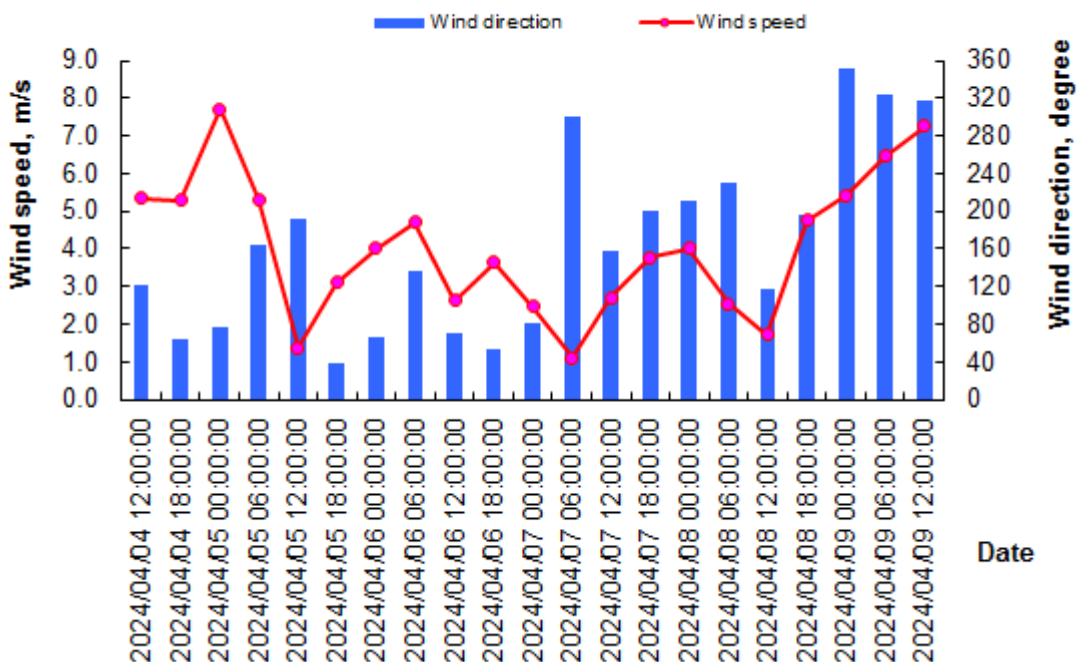


**MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE  
REPUBLIC OF KAZAKHSTAN**

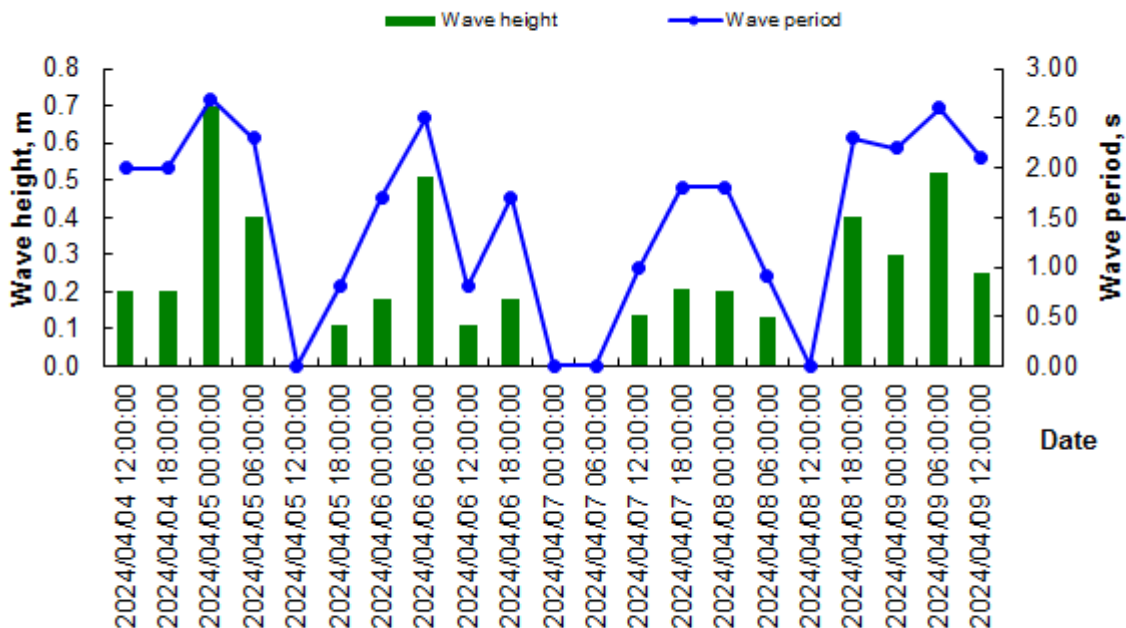
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 04-09 April 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
2024/04/04 12:00:00	5	SE	0.20	2.00
2024/04/04 18:00:00	5	NE	0.20	2.00
2024/04/05 00:00:00	8	E	0.70	2.70
2024/04/05 06:00:00	5	S	0.40	2.30
2024/04/05 12:00:00	1	S	0.00	0.00
2024/04/05 18:00:00	3	NE	0.11	0.80
2024/04/06 00:00:00	4	NE	0.18	1.70
2024/04/06 06:00:00	6	SE	0.51	2.50
2024/04/06 12:00:00	3	E	0.11	0.80
2024/04/06 18:00:00	4	NE	0.18	1.70
2024/04/07 00:00:00	2	E	0.00	0.00
2024/04/07 06:00:00	1	NW	0.00	0.00
2024/04/07 12:00:00	3	S	0.14	1.00
2024/04/07 18:00:00	4	S	0.21	1.80
2024/04/08 00:00:00	4	SW	0.20	1.80
2024/04/08 06:00:00	3	SW	0.13	0.90
2024/04/08 12:00:00	2	SE	0.00	0.00
2024/04/08 18:00:00	5	S	0.40	2.30
2024/04/09 00:00:00	5	N	0.30	2.20
2024/04/09 06:00:00	6	NW	0.52	2.60
2024/04/09 12:00:00	5	NW	0.25	2.10

Made by: Shishkina G.M.

Checked by: Yeltay A.

Address: 050022. Almaty. Abay av. Tel. +7 7172 55 84 06;  
e-mail: e-mail: [ugmikm@meteo.kz](mailto:ugmikm@meteo.kz)