

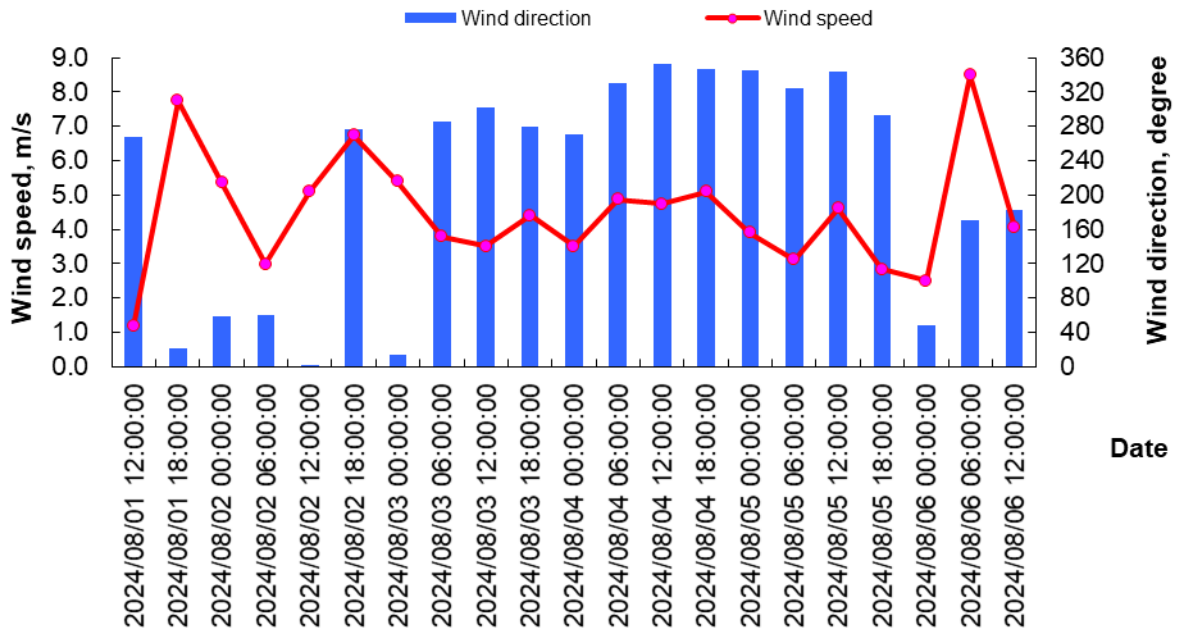


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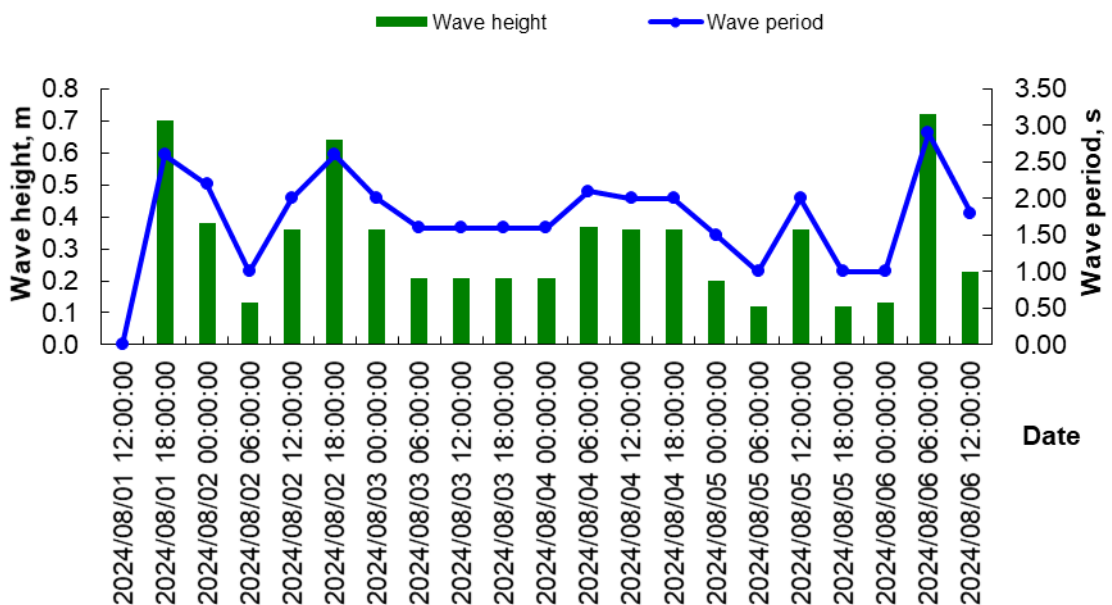
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 01 – 06 August 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
2024/08/01 12:00:00	1	W	0.00	0.00
2024/08/01 18:00:00	8	N	0.70	2.60
2024/08/02 00:00:00	5	NE	0.38	2.20
2024/08/02 06:00:00	3	NE	0.13	1.00
2024/08/02 12:00:00	5	N	0.36	2.00
2024/08/02 18:00:00	7	W	0.64	2.60
2024/08/03 00:00:00	5	N	0.36	2.00
2024/08/03 06:00:00	4	W	0.21	1.60
2024/08/03 12:00:00	4	NW	0.21	1.60
2024/08/03 18:00:00	4	W	0.21	1.60
2024/08/04 00:00:00	4	W	0.21	1.60
2024/08/04 06:00:00	5	NW	0.37	2.10
2024/08/04 12:00:00	5	N	0.36	2.00
2024/08/04 18:00:00	5	N	0.36	2.00
2024/08/05 00:00:00	4	N	0.20	1.50
2024/08/05 06:00:00	3	NW	0.12	1.00
2024/08/05 12:00:00	5	N	0.36	2.00
2024/08/05 18:00:00	3	NW	0.12	1.00
2024/08/06 00:00:00	3	NE	0.13	1.00
2024/08/06 06:00:00	8	S	0.72	2.90
2024/08/06 12:00:00	4	S	0.23	1.80

Made by: Zhagparova N.N

RSE «Kazhydromet» Department of Hydrometeorological Research of the Caspian Sea  
Address: 010000. Astana. Mangilik El av. Tel. (717)2 79 83 12;  
e-mail: ugmikm@meteo.kz

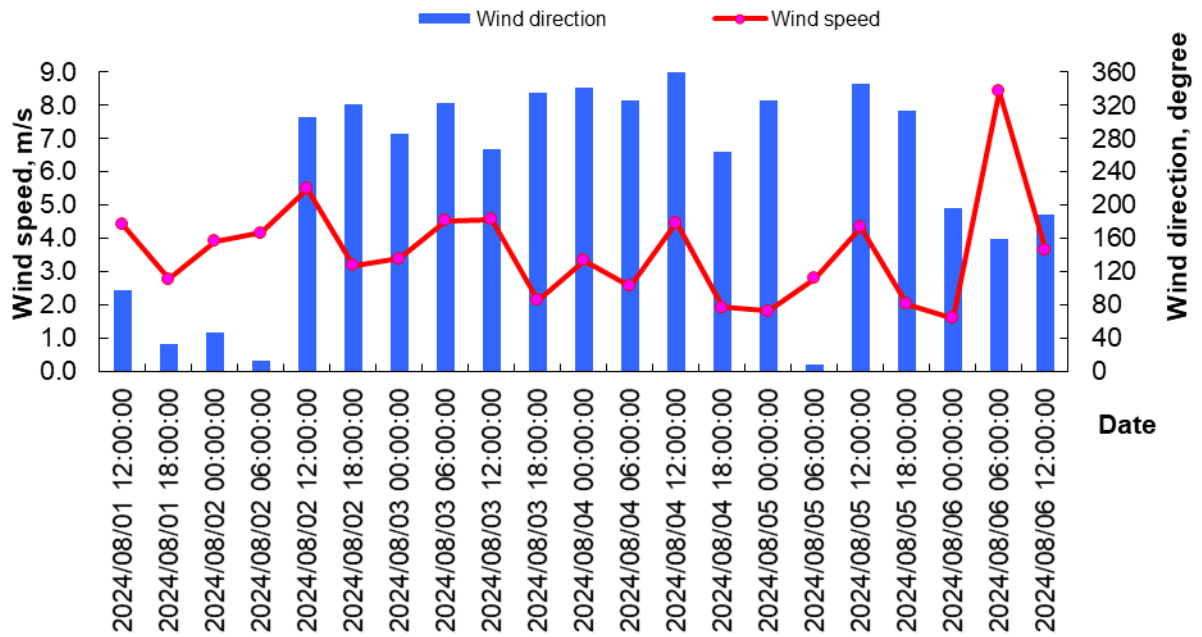


**MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE  
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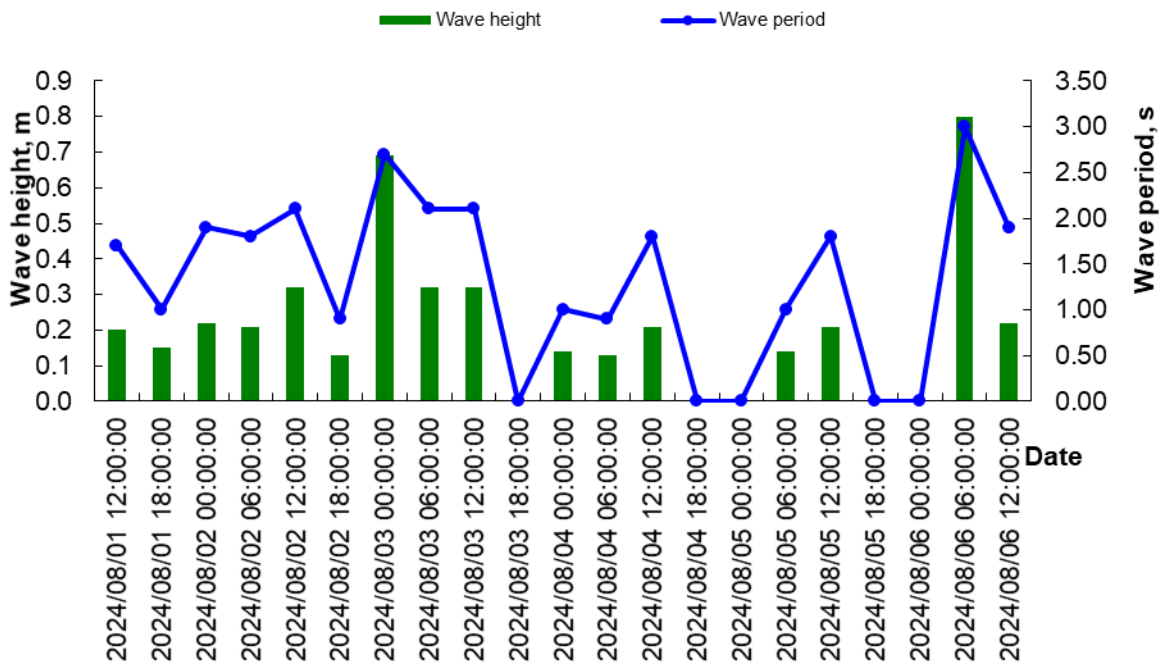
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**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 01 – 06 August 2024.**

**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
2024/08/01 12:00:00	4	E	0.20	1.70
2024/08/01 18:00:00	3	NE	0.15	1.00
2024/08/02 00:00:00	4	NE	0.22	1.90
2024/08/02 06:00:00	4	N	0.21	1.80
2024/08/02 12:00:00	5	NW	0.32	2.10
2024/08/02 18:00:00	3	NW	0.13	0.90
2024/08/03 00:00:00	7	W	0.69	2.70
2024/08/03 06:00:00	5	NW	0.32	2.10
2024/08/03 12:00:00	5	W	0.32	2.10
2024/08/03 18:00:00	2	NW	0.00	0.00
2024/08/04 00:00:00	3	N	0.14	1.00
2024/08/04 06:00:00	3	NW	0.13	0.90
2024/08/04 12:00:00	4	N	0.21	1.80
2024/08/04 18:00:00	2	W	0.00	0.00
2024/08/05 00:00:00	2	NW	0.00	0.00
2024/08/05 06:00:00	3	N	0.14	1.00
2024/08/05 12:00:00	4	N	0.21	1.80
2024/08/05 18:00:00	2	NW	0.00	0.00
2024/08/06 00:00:00	2	S	0.00	0.00
2024/08/06 06:00:00	8	S	0.80	3.00
2024/08/06 12:00:00	4	S	0.22	1.90

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RSE «Kazhydromet» Department of Hydrometeorological Research of the Caspian Sea  
Address: 010000. Astana. Mangilik El av. Tel. (717)2 79 83 12;  
e-mail: ugmikm@meteo.kz

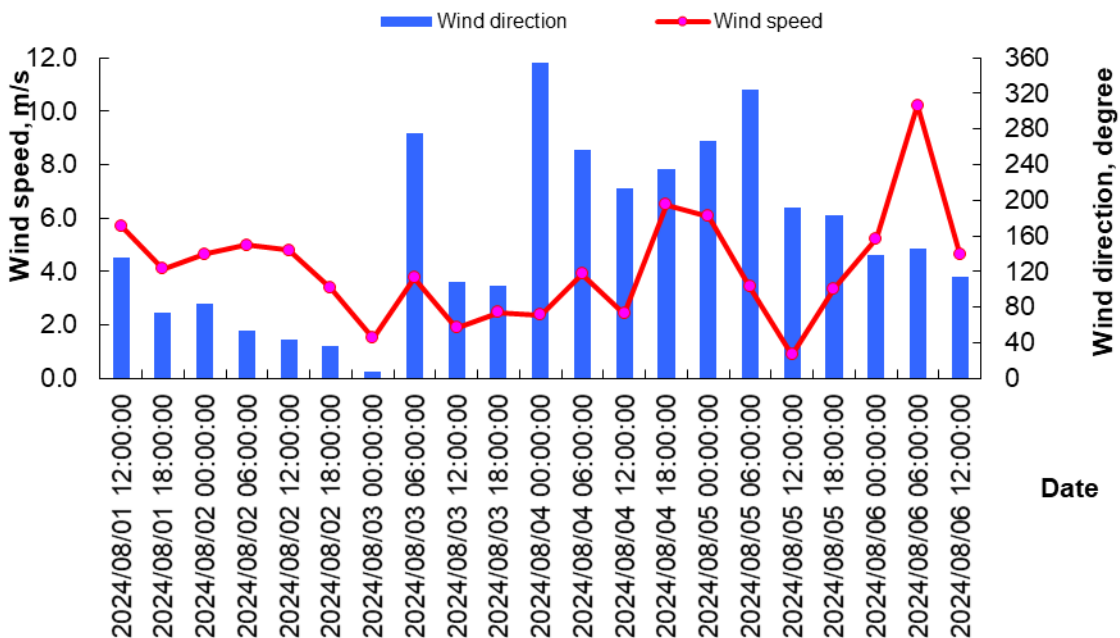


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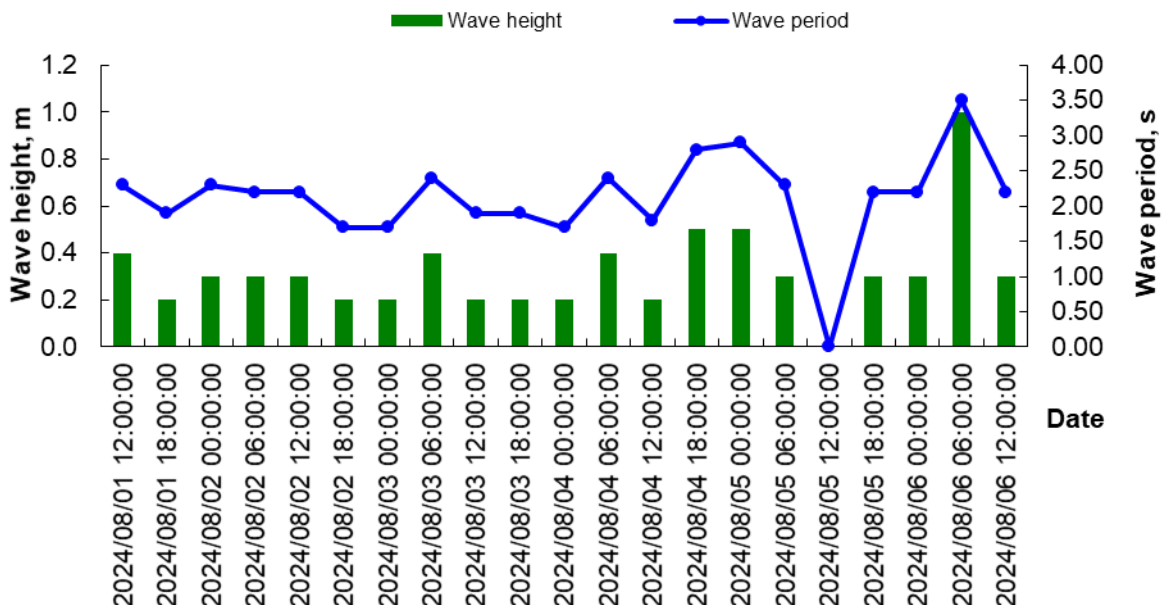
**REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»**

**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 01 – 06 August 2024.**

**Wind condition in the Bautino Bay**



**Wave condition in the Bautino Bay**



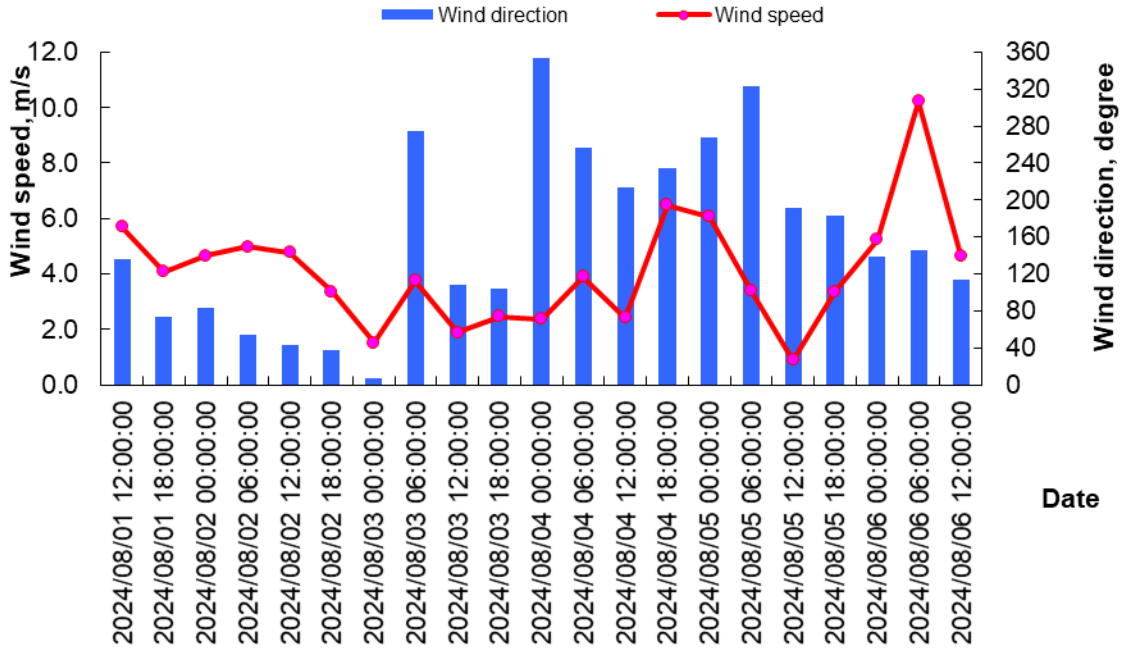
Date Time	Wind speed (WS) and wind direction (WD)		Wave height (H) and wave period ( $\tau$ )	
	WS, m/s	WD, rumb	H, m	t, s
	2024/08/01 12:00:00	6	SE	0.40
2024/08/01 18:00:00	4	E	0.20	1.90
2024/08/02 00:00:00	5	E	0.30	2.30
2024/08/02 06:00:00	5	NE	0.30	2.20
2024/08/02 12:00:00	5	NE	0.30	2.20
2024/08/02 18:00:00	3	NE	0.20	1.70
2024/08/03 00:00:00	2	N	0.20	1.70
2024/08/03 06:00:00	4	W	0.40	2.40
2024/08/03 12:00:00	2	E	0.20	1.90
2024/08/03 18:00:00	2	E	0.20	1.90
2024/08/04 00:00:00	2	N	0.20	1.70
2024/08/04 06:00:00	4	W	0.40	2.40
2024/08/04 12:00:00	2	SW	0.20	1.80
2024/08/04 18:00:00	6	SW	0.50	2.80
2024/08/05 00:00:00	6	W	0.50	2.90
2024/08/05 06:00:00	3	NW	0.30	2.30
2024/08/05 12:00:00	1	S	0.00	0.00
2024/08/05 18:00:00	3	S	0.30	2.20
2024/08/06 00:00:00	5	SE	0.30	2.20
2024/08/06 06:00:00	10	SE	1.00	3.50
2024/08/06 12:00:00	5	SE	0.30	2.20

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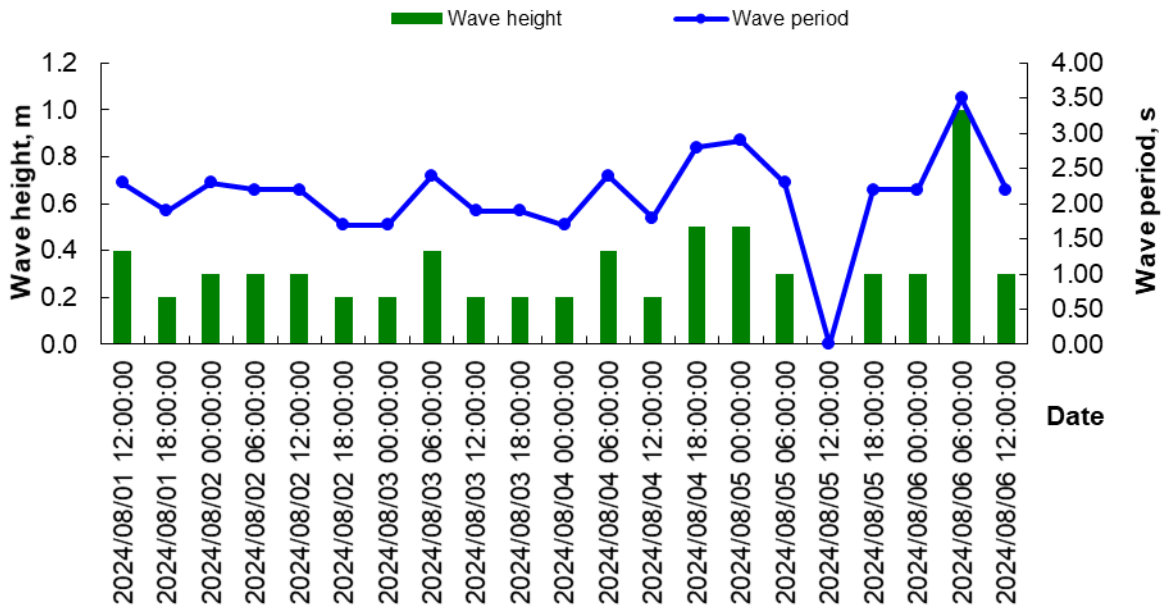
RSE «Kazhydromet» Department of Hydrometeorological Research of the Caspian Sea  
Address: 010000. Astana. Magilik El av. Tel. (717)2 79 83 12;  
e-mail: ugmikm@meteo.kz

Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 01 – 06 August 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
2024/08/01 12:00:00	6	SE	0.40	2.30
2024/08/01 18:00:00	4	E	0.20	1.90
2024/08/02 00:00:00	5	E	0.30	2.30
2024/08/02 06:00:00	5	NE	0.30	2.20
2024/08/02 12:00:00	5	NE	0.30	2.20
2024/08/02 18:00:00	3	NE	0.20	1.70
2024/08/03 00:00:00	2	N	0.20	1.70
2024/08/03 06:00:00	4	W	0.40	2.40
2024/08/03 12:00:00	2	E	0.20	1.90
2024/08/03 18:00:00	2	E	0.20	1.90
2024/08/04 00:00:00	2	N	0.20	1.70
2024/08/04 06:00:00	4	W	0.40	2.40
2024/08/04 12:00:00	2	SW	0.20	1.80
2024/08/04 18:00:00	6	SW	0.50	2.80
2024/08/05 00:00:00	6	W	0.50	2.90
2024/08/05 06:00:00	3	NW	0.30	2.30
2024/08/05 12:00:00	1	S	0.00	0.00
2024/08/05 18:00:00	3	S	0.30	2.20
2024/08/06 00:00:00	5	SE	0.30	2.20
2024/08/06 06:00:00	10	SE	1.00	3.50
2024/08/06 12:00:00	5	SE	0.30	2.20

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Address: 010000. Astana. Magilik El av. Tel. (717)2 79 83 12;  
e-mail: ugmikm@meteo.kz



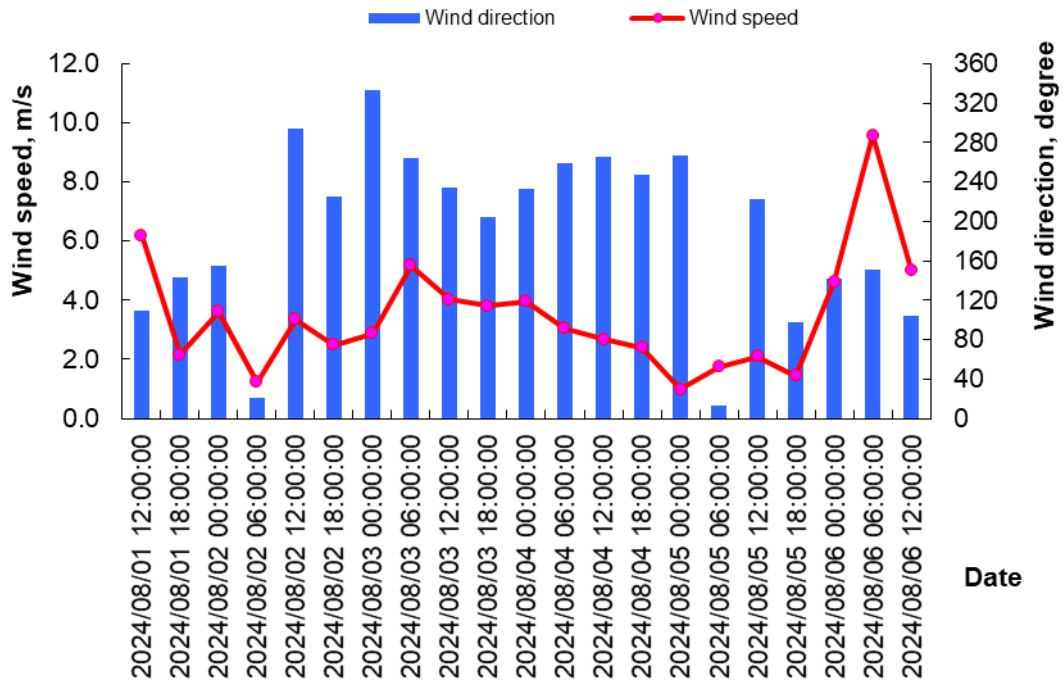


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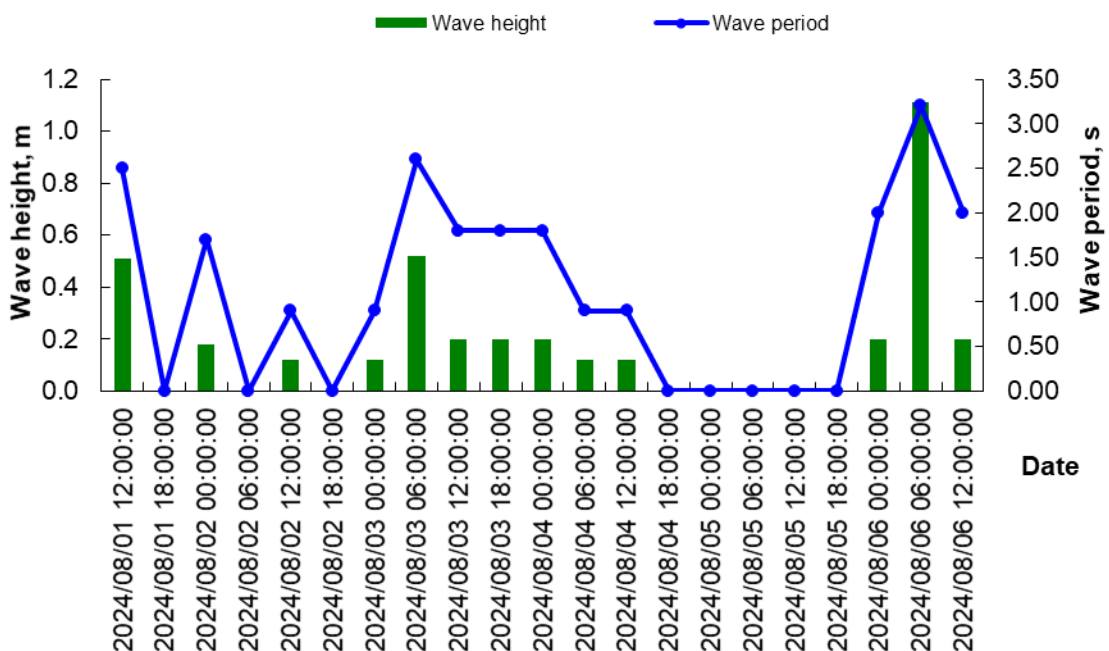
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**Forecast of the wave and wind condition for Middle part of the Caspian Sea  
Probability – 5 days, period 01 – 06 August 2024.**

**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
2024/08/01 12:00:00	6	E	0.51	2.50
2024/08/01 18:00:00	2	SE	0.00	0.00
2024/08/02 00:00:00	4	SE	0.18	1.70
2024/08/02 06:00:00	1	N	0.00	0.00
2024/08/02 12:00:00	3	NW	0.12	0.90
2024/08/02 18:00:00	2	SW	0.00	0.00
2024/08/03 00:00:00	3	NW	0.12	0.90
2024/08/03 06:00:00	6	W	0.52	2.60
2024/08/03 12:00:00	4	SW	0.20	1.80
2024/08/03 18:00:00	4	SW	0.20	1.80
2024/08/04 00:00:00	4	SW	0.20	1.80
2024/08/04 06:00:00	3	W	0.12	0.90
2024/08/04 12:00:00	3	W	0.12	0.90
2024/08/04 18:00:00	2	SW	0.00	0.00
2024/08/05 00:00:00	1	W	0.00	0.00
2024/08/05 06:00:00	2	N	0.00	0.00
2024/08/05 12:00:00	2	SW	0.00	0.00
2024/08/05 18:00:00	1	E	0.00	0.00
2024/08/06 00:00:00	5	SE	0.20	2.00
2024/08/06 06:00:00	10	SE	1.11	3.20
2024/08/06 12:00:00	5	E	0.20	2.00

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RSE «Kazhydromet» Department of Hydrometeorological Research of the Caspian Sea  
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e-mail: ugmikm@meteo.kz