

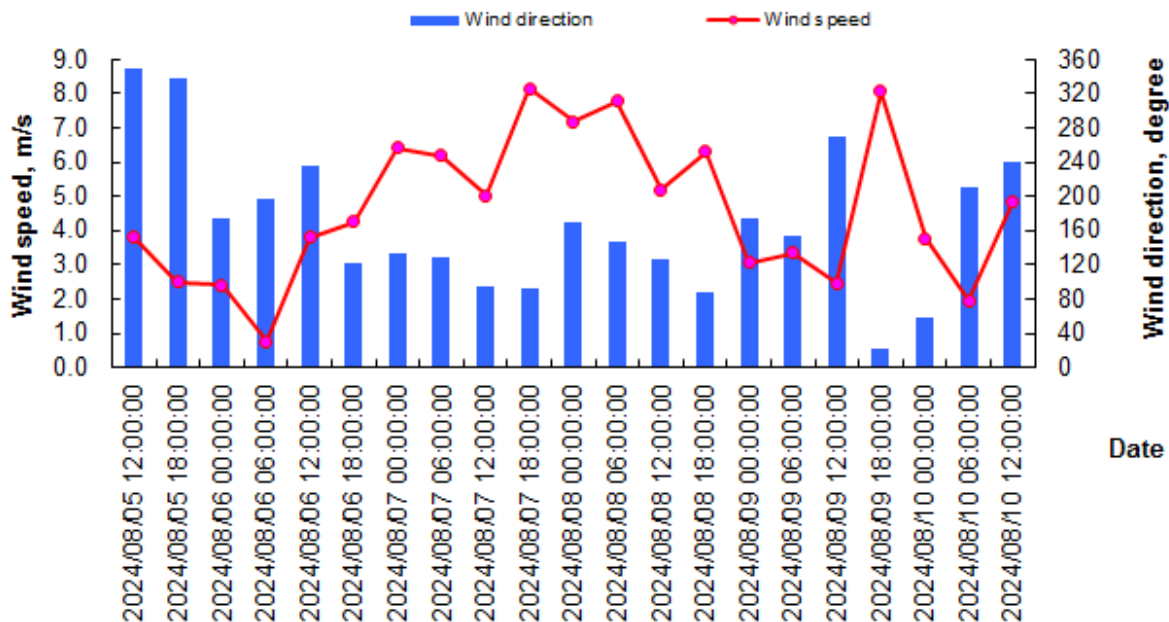


**MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE
REPUBLIC OF KAZAKHSTAN**

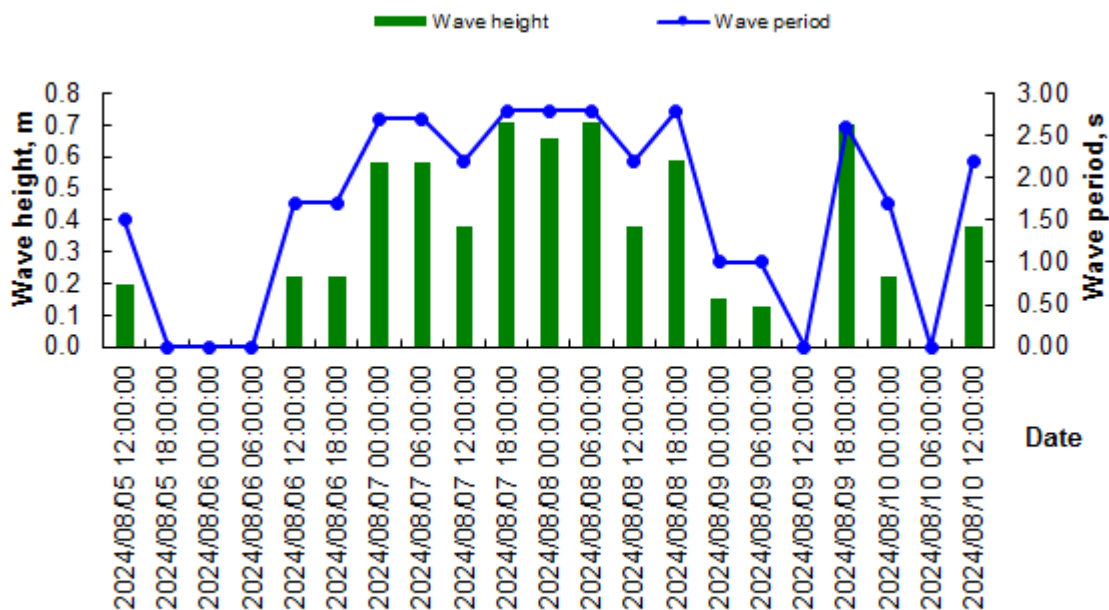
REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»

**Forecast of the wave and wind condition for Middle part of the Caspian Sea
Probability – 5 days, period 05 - 10 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 (τ) | |
|---------------------|---|----------|--|------|
| | WS, m/s | WD, rumb | H, m | t, s |
| 2024/08/05 12:00:00 | 4 | N | 0.20 | 1.50 |
| 2024/08/05 18:00:00 | 2 | N | 0.00 | 0.00 |
| 2024/08/06 00:00:00 | 2 | S | 0.00 | 0.00 |
| 2024/08/06 06:00:00 | 1 | S | 0.00 | 0.00 |
| 2024/08/06 12:00:00 | 4 | SW | 0.22 | 1.70 |
| 2024/08/06 18:00:00 | 4 | SE | 0.22 | 1.70 |
| 2024/08/07 00:00:00 | 6 | SE | 0.58 | 2.70 |
| 2024/08/07 06:00:00 | 6 | SE | 0.58 | 2.70 |
| 2024/08/07 12:00:00 | 5 | E | 0.38 | 2.20 |
| 2024/08/07 18:00:00 | 8 | E | 0.71 | 2.80 |
| 2024/08/08 00:00:00 | 7 | S | 0.66 | 2.80 |
| 2024/08/08 06:00:00 | 8 | SE | 0.71 | 2.80 |
| 2024/08/08 12:00:00 | 5 | SE | 0.38 | 2.20 |
| 2024/08/08 18:00:00 | 6 | E | 0.59 | 2.80 |
| 2024/08/09 00:00:00 | 3 | S | 0.15 | 1.00 |
| 2024/08/09 06:00:00 | 3 | SE | 0.13 | 1.00 |
| 2024/08/09 12:00:00 | 2 | W | 0.00 | 0.00 |
| 2024/08/09 18:00:00 | 8 | N | 0.70 | 2.60 |
| 2024/08/10 00:00:00 | 4 | NE | 0.22 | 1.70 |
| 2024/08/10 06:00:00 | 2 | SW | 0.00 | 0.00 |
| 2024/08/10 12:00:00 | 5 | SW | 0.38 | 2.20 |

Made by: Shishkina G.M.

Checked by: Yeltay A.

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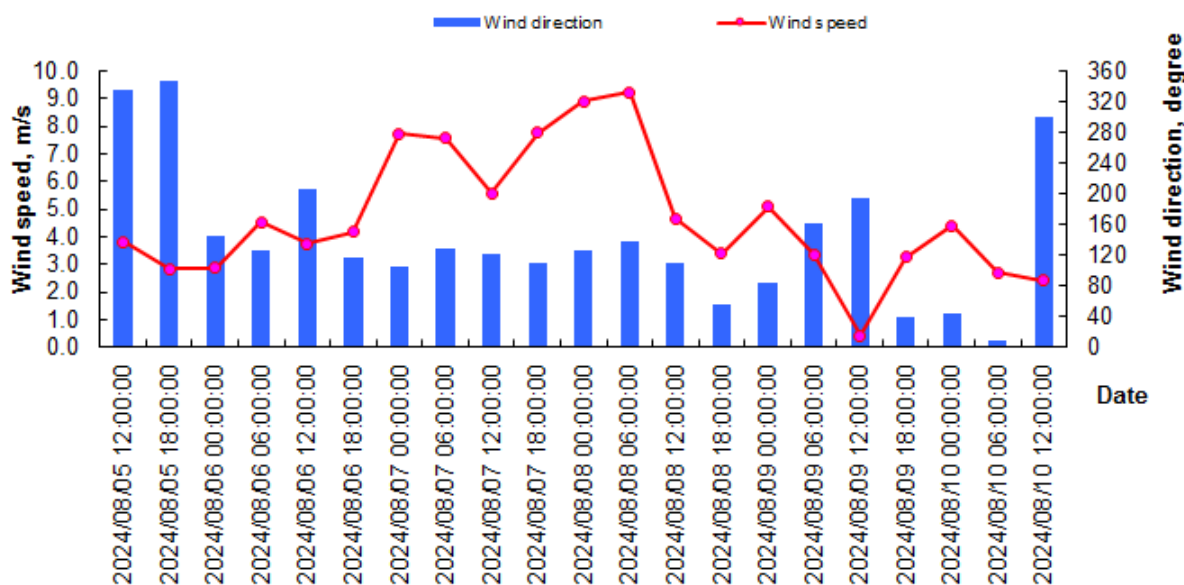


**MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE
REPUBLIC OF KAZAKHSTAN**

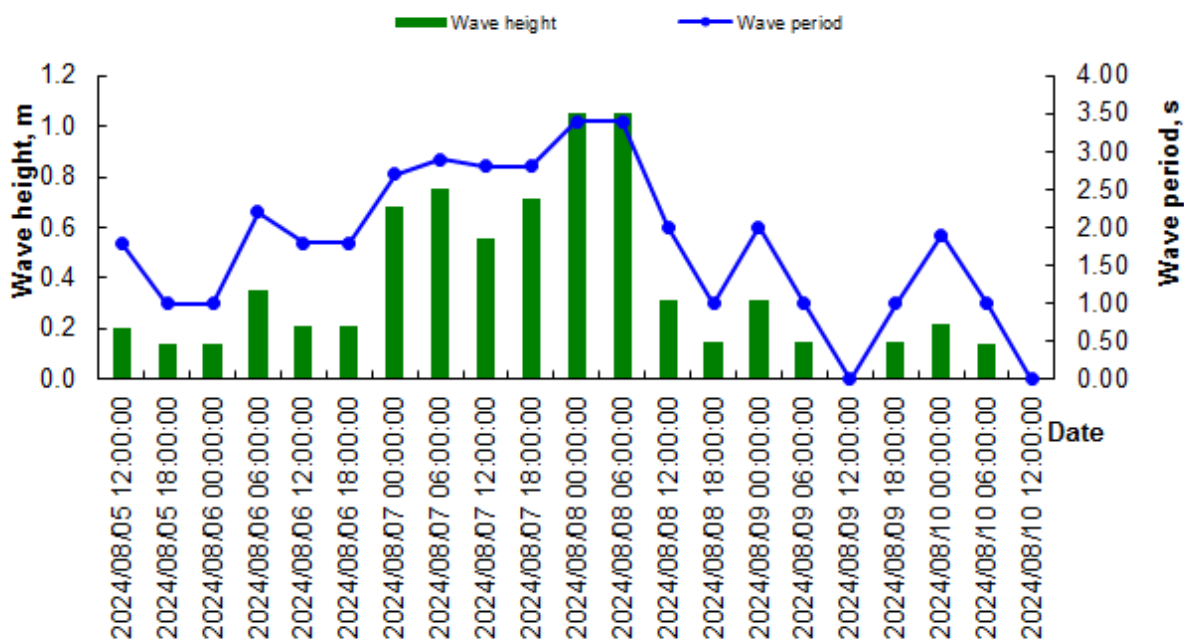
REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»

**Forecast of the wave and wind condition for Middle part of the Caspian Sea
Probability – 5 days, period 05 - 10 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 (τ) | |
|---------------------|---|----------|--|------|
| | WS, m/s | WD, rumb | H, m | t, s |
| 2024/08/05 12:00:00 | 4 | NW | 0.20 | 1.80 |
| 2024/08/05 18:00:00 | 3 | N | 0.14 | 1.00 |
| 2024/08/06 00:00:00 | 3 | SE | 0.14 | 1.00 |
| 2024/08/06 06:00:00 | 5 | SE | 0.35 | 2.20 |
| 2024/08/06 12:00:00 | 4 | SW | 0.21 | 1.80 |
| 2024/08/06 18:00:00 | 4 | SE | 0.21 | 1.80 |
| 2024/08/07 00:00:00 | 7 | E | 0.68 | 2.70 |
| 2024/08/07 06:00:00 | 8 | SE | 0.75 | 2.90 |
| 2024/08/07 12:00:00 | 6 | SE | 0.56 | 2.80 |
| 2024/08/07 18:00:00 | 8 | E | 0.71 | 2.80 |
| 2024/08/08 00:00:00 | 9 | SE | 1.05 | 3.40 |
| 2024/08/08 06:00:00 | 9 | SE | 1.05 | 3.40 |
| 2024/08/08 12:00:00 | 5 | E | 0.31 | 2.00 |
| 2024/08/08 18:00:00 | 3 | NE | 0.15 | 1.00 |
| 2024/08/09 00:00:00 | 5 | E | 0.31 | 2.00 |
| 2024/08/09 06:00:00 | 3 | S | 0.15 | 1.00 |
| 2024/08/09 12:00:00 | 0 | S | 0.00 | 0.00 |
| 2024/08/09 18:00:00 | 3 | NE | 0.15 | 1.00 |
| 2024/08/10 00:00:00 | 4 | NE | 0.22 | 1.90 |
| 2024/08/10 06:00:00 | 3 | N | 0.14 | 1.00 |
| 2024/08/10 12:00:00 | 2 | NW | 0.00 | 0.00 |

Made by: Shishkina G.M.

Checked by: Yeltay A.

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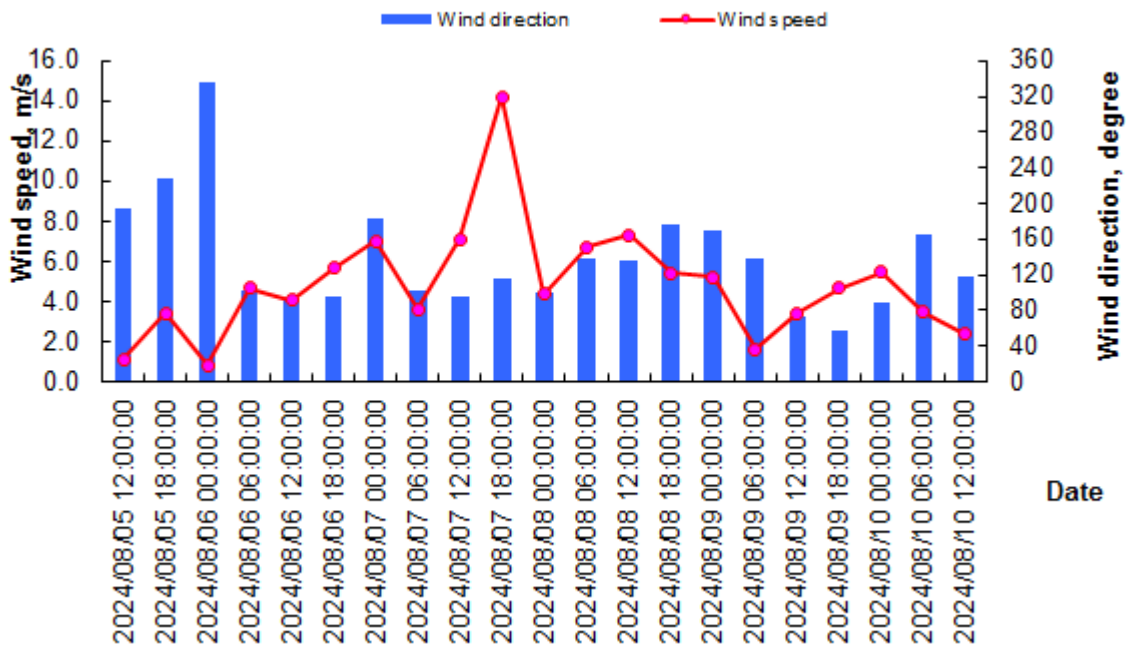


MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE
REPUBLIC OF KAZAKHSTAN

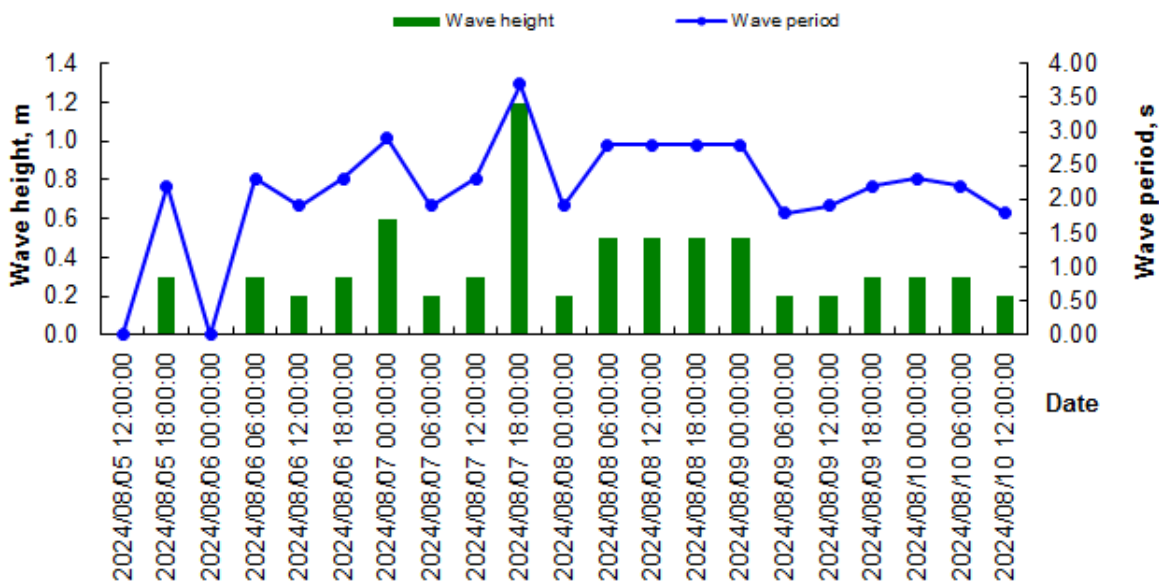
REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»

Forecast of the wave and wind condition for Middle part of the Caspian Sea
Probability – 5 days, period 05 - 10 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 (τ) | |
|---------------------|---|----------|--|------|
| | WS, m/s | WD, rumb | H, m | t, s |
| | | | | |
| 2024/08/05 12:00:00 | 1 | S | 0.00 | 0.00 |
| 2024/08/05 18:00:00 | 3 | SW | 0.30 | 2.20 |
| 2024/08/06 00:00:00 | 1 | NW | 0.00 | 0.00 |
| 2024/08/06 06:00:00 | 5 | E | 0.30 | 2.30 |
| 2024/08/06 12:00:00 | 4 | E | 0.20 | 1.90 |
| 2024/08/06 18:00:00 | 6 | E | 0.30 | 2.30 |
| 2024/08/07 00:00:00 | 7 | S | 0.60 | 2.90 |
| 2024/08/07 06:00:00 | 4 | E | 0.20 | 1.90 |
| 2024/08/07 12:00:00 | 7 | E | 0.30 | 2.30 |
| 2024/08/07 18:00:00 | 14 | SE | 1.20 | 3.70 |
| 2024/08/08 00:00:00 | 4 | E | 0.20 | 1.90 |
| 2024/08/08 06:00:00 | 7 | SE | 0.50 | 2.80 |
| 2024/08/08 12:00:00 | 7 | SE | 0.50 | 2.80 |
| 2024/08/08 18:00:00 | 5 | S | 0.50 | 2.80 |
| 2024/08/09 00:00:00 | 5 | S | 0.50 | 2.80 |
| 2024/08/09 06:00:00 | 2 | SE | 0.20 | 1.80 |
| 2024/08/09 12:00:00 | 3 | E | 0.20 | 1.90 |
| 2024/08/09 18:00:00 | 5 | NE | 0.30 | 2.20 |
| 2024/08/10 00:00:00 | 5 | E | 0.30 | 2.30 |
| 2024/08/10 06:00:00 | 3 | S | 0.30 | 2.20 |
| 2024/08/10 12:00:00 | 2 | SE | 0.20 | 1.80 |

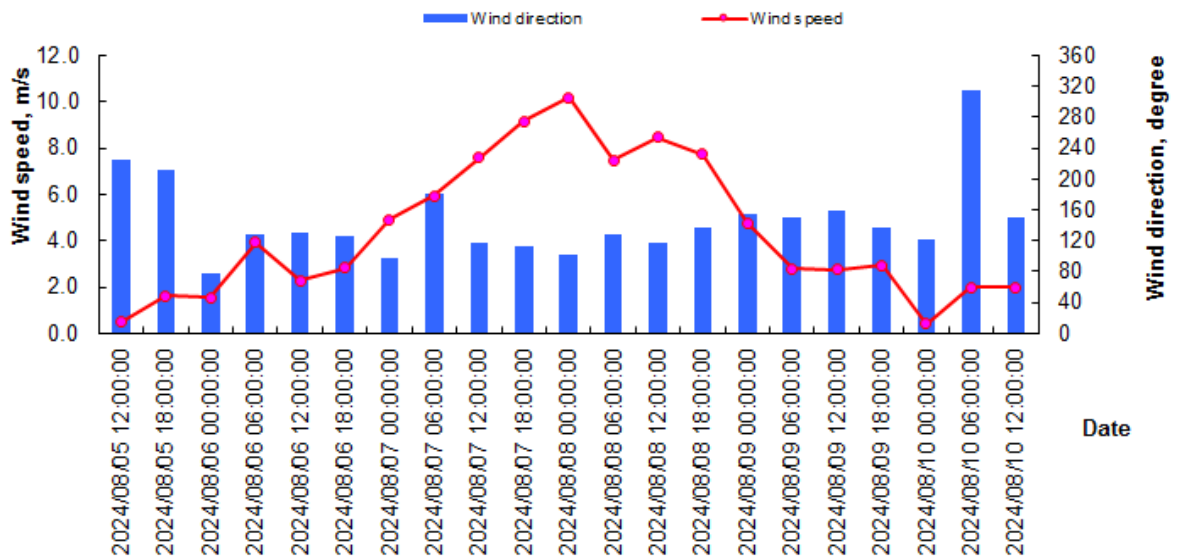
Made by: Shishkina G.M.

Checked by: Yeltay A.

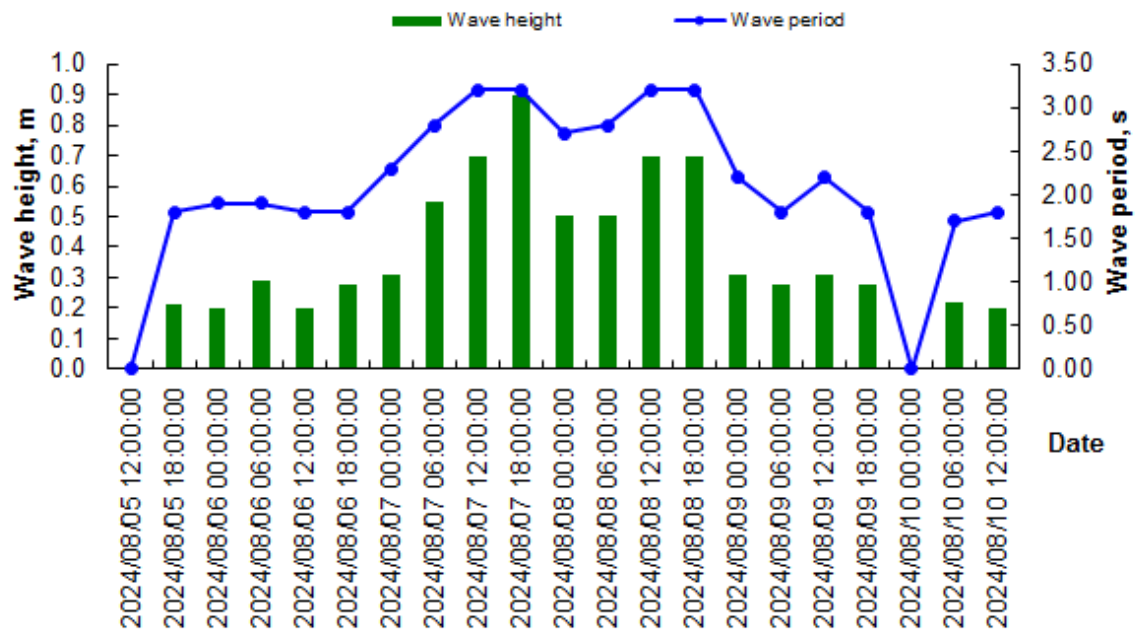
Address: 050022. Almaty. Abay av. Tel. +7 7172 55 84 06;
e-mail: ugmikm@meteo.kz

Forecast of the wave and wind condition for Middle part of the Caspian Sea
Probability – 5 days, period 05 - 10 August 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 |
| 2024/08/05 12:00:00 | 0 | SW | 0.00 | 0.00 |
| 2024/08/05 18:00:00 | 2 | SW | 0.21 | 1.80 |
| 2024/08/06 00:00:00 | 2 | E | 0.20 | 1.90 |
| 2024/08/06 06:00:00 | 4 | SE | 0.29 | 1.90 |
| 2024/08/06 12:00:00 | 2 | SE | 0.20 | 1.80 |
| 2024/08/06 18:00:00 | 3 | SE | 0.28 | 1.80 |
| 2024/08/07 00:00:00 | 5 | E | 0.31 | 2.30 |
| 2024/08/07 06:00:00 | 6 | S | 0.55 | 2.80 |
| 2024/08/07 12:00:00 | 8 | SE | 0.70 | 3.20 |
| 2024/08/07 18:00:00 | 9 | SE | 0.90 | 3.20 |
| 2024/08/08 00:00:00 | 10 | E | 0.50 | 2.70 |
| 2024/08/08 06:00:00 | 7 | SE | 0.50 | 2.80 |
| 2024/08/08 12:00:00 | 8 | SE | 0.70 | 3.20 |
| 2024/08/08 18:00:00 | 8 | SE | 0.70 | 3.20 |
| 2024/08/09 00:00:00 | 5 | SE | 0.31 | 2.20 |
| 2024/08/09 06:00:00 | 3 | SE | 0.28 | 1.80 |
| 2024/08/09 12:00:00 | 3 | S | 0.31 | 2.20 |
| 2024/08/09 18:00:00 | 3 | SE | 0.28 | 1.80 |
| 2024/08/10 00:00:00 | 0 | SE | 0.00 | 0.00 |
| 2024/08/10 06:00:00 | 2 | NW | 0.22 | 1.70 |
| 2024/08/10 12:00:00 | 2 | SE | 0.20 | 1.80 |

Made by: Shishkina G.M.

Checked by: Yeltay A.

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e-mail: ugmikm@meteo.kz

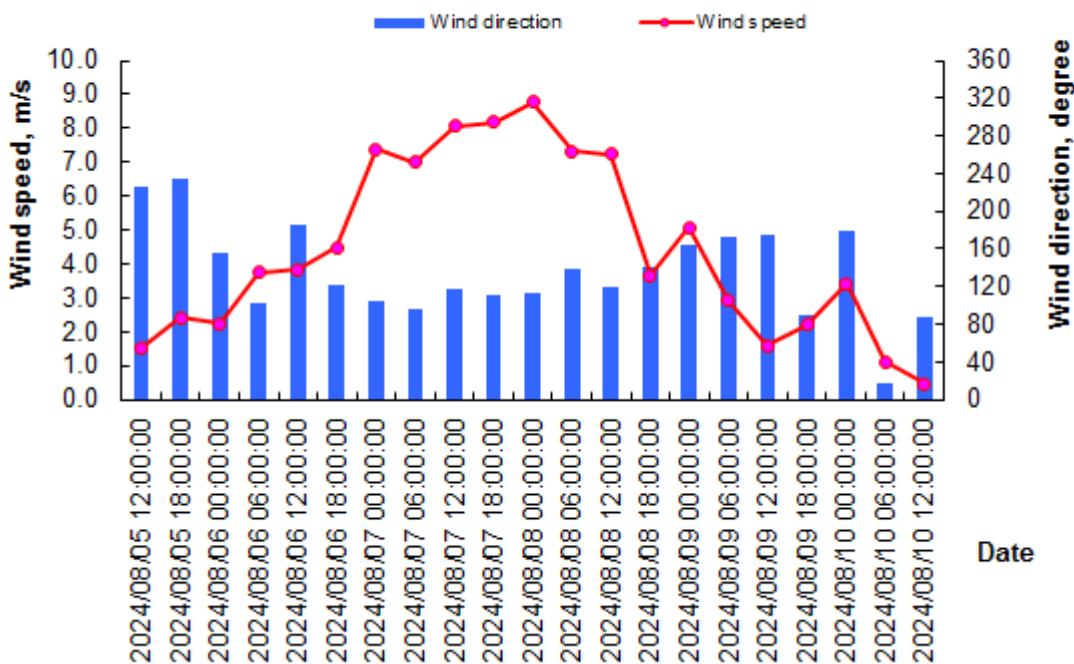


**MINISTRY OF ECOLOGY AND NATURAL RESOURCES OF THE
REPUBLIC OF KAZAKHSTAN**

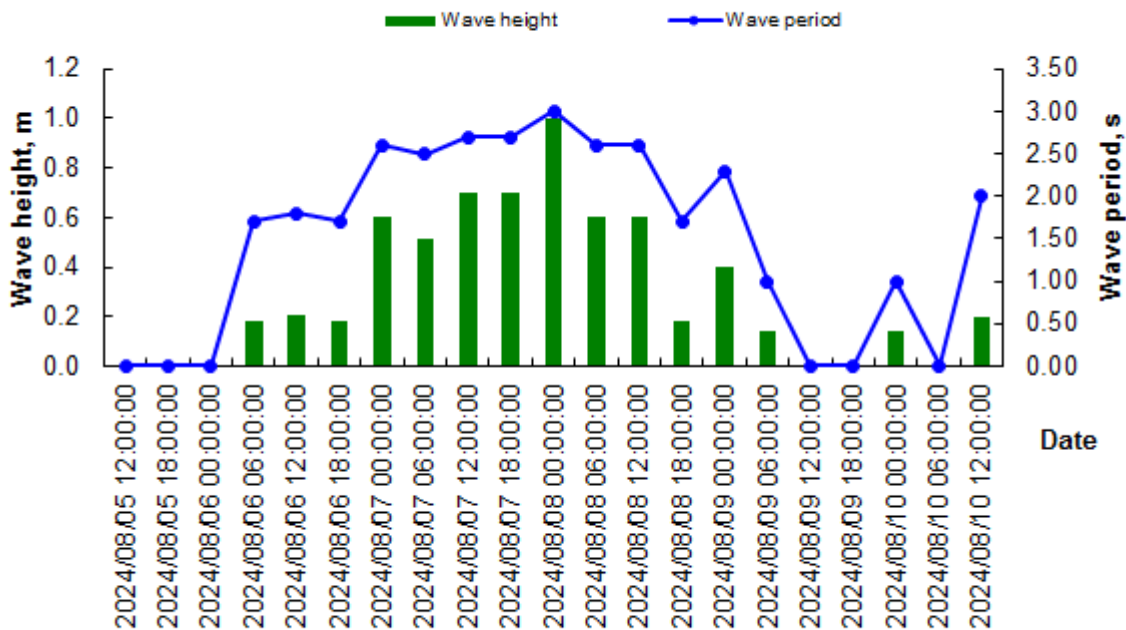
REPUBLIC STATE-OWNED ENTERPRISE «KAZHYDROMET»

**Forecast of the wave and wind condition for Middle part of the Caspian Sea
Probability – 5 days, period 05 - 10 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 (τ) | |
|---------------------|---|----------|--|------|
| | WS, m/s | WD, rumb | H, m | t, s |
| 2024/08/05 12:00:00 | 2 | SW | 0.00 | 0.00 |
| 2024/08/05 18:00:00 | 2 | SW | 0.00 | 0.00 |
| 2024/08/06 00:00:00 | 2 | SE | 0.00 | 0.00 |
| 2024/08/06 06:00:00 | 4 | E | 0.18 | 1.70 |
| 2024/08/06 12:00:00 | 4 | S | 0.21 | 1.80 |
| 2024/08/06 18:00:00 | 4 | SE | 0.18 | 1.70 |
| 2024/08/07 00:00:00 | 7 | E | 0.60 | 2.60 |
| 2024/08/07 06:00:00 | 6 | E | 0.51 | 2.50 |
| 2024/08/07 12:00:00 | 8 | SE | 0.70 | 2.70 |
| 2024/08/07 18:00:00 | 8 | E | 0.70 | 2.70 |
| 2024/08/08 00:00:00 | 9 | SE | 1.00 | 3.00 |
| 2024/08/08 06:00:00 | 7 | SE | 0.60 | 2.60 |
| 2024/08/08 12:00:00 | 7 | SE | 0.60 | 2.60 |
| 2024/08/08 18:00:00 | 4 | SE | 0.18 | 1.70 |
| 2024/08/09 00:00:00 | 5 | S | 0.40 | 2.30 |
| 2024/08/09 06:00:00 | 3 | S | 0.14 | 1.00 |
| 2024/08/09 12:00:00 | 2 | S | 0.00 | 0.00 |
| 2024/08/09 18:00:00 | 2 | E | 0.00 | 0.00 |
| 2024/08/10 00:00:00 | 3 | S | 0.14 | 1.00 |
| 2024/08/10 06:00:00 | 1 | N | 0.00 | 0.00 |
| 2024/08/10 12:00:00 | 5 | E | 0.20 | 2.00 |

Made by: Shishkina G.M.

Checked by: Yeltay A.

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