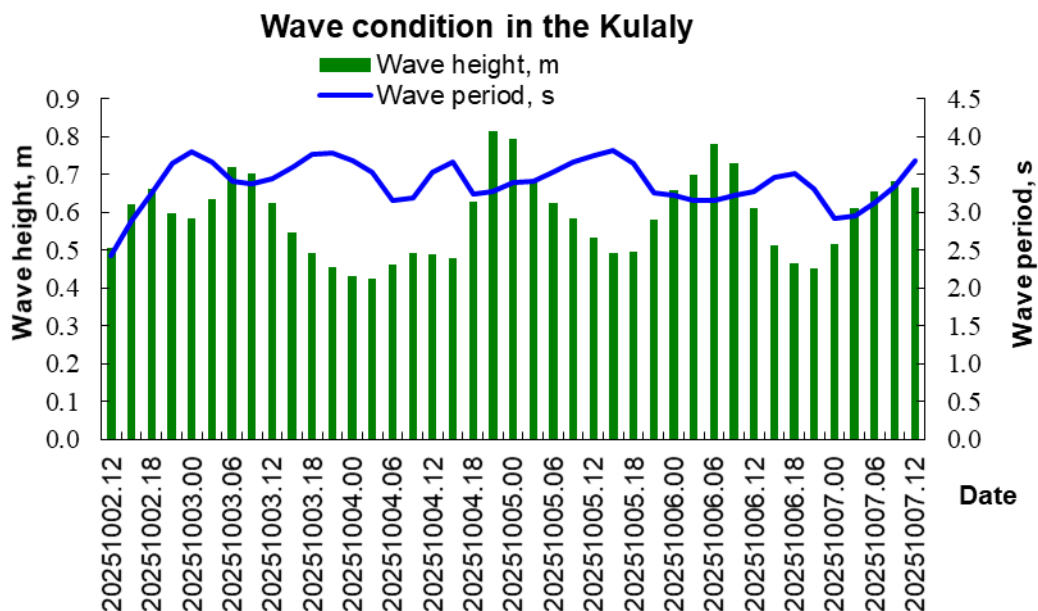
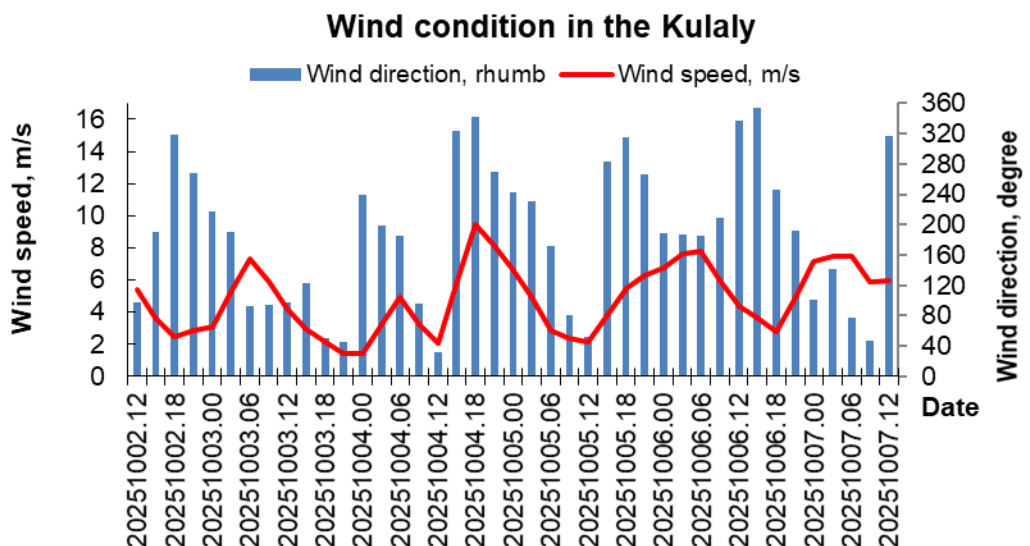




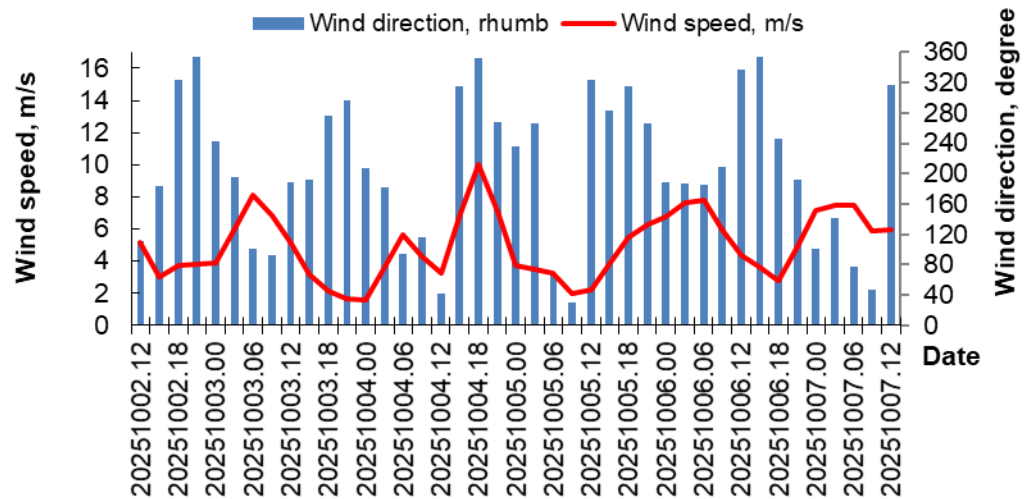
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES  
OF THE REPUBLIC OF KAZAKHSTAN  
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance  
using SWAN spectral model for the period October 02 – 07, 2025.**

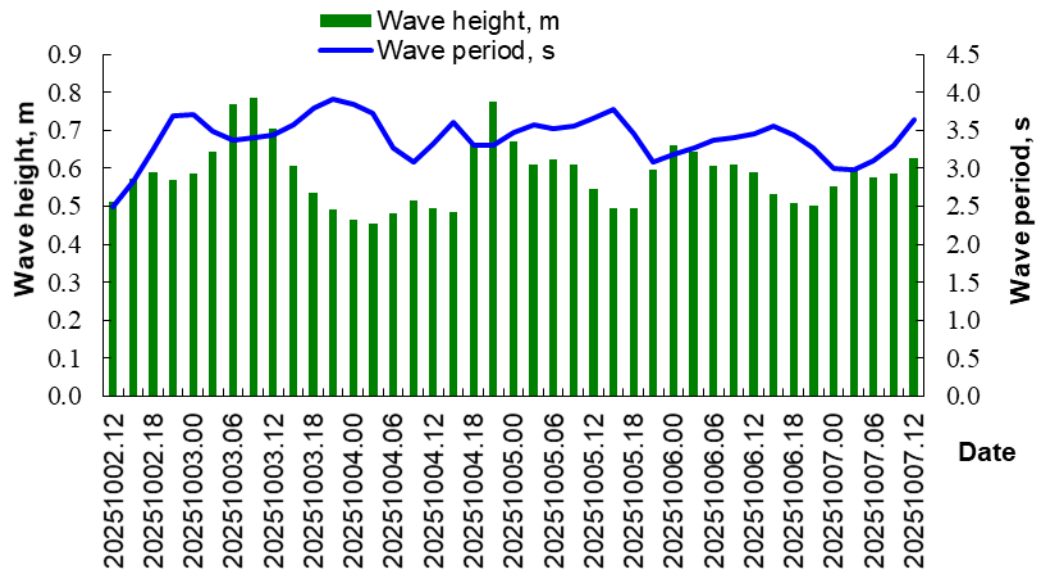


| Date time   | Kulaly         |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20251002.12 | 0.51           | W                     | 2.4            | 5               | E                     |
| 20251002.15 | 0.62           | W                     | 2.9            | 4               | S                     |
| 20251002.18 | 0.66           | W                     | 3.3            | 2               | NW                    |
| 20251002.21 | 0.60           | W                     | 3.6            | 3               | W                     |
| 20251003.00 | 0.59           | W                     | 3.8            | 3               | SW                    |
| 20251003.03 | 0.63           | W                     | 3.7            | 5               | S                     |
| 20251003.06 | 0.72           | W                     | 3.4            | 7               | E                     |
| 20251003.09 | 0.70           | W                     | 3.4            | 6               | E                     |
| 20251003.12 | 0.63           | W                     | 3.5            | 4               | E                     |
| 20251003.15 | 0.55           | W                     | 3.6            | 3               | SE                    |
| 20251003.18 | 0.49           | W                     | 3.8            | 2               | NE                    |
| 20251003.21 | 0.45           | W                     | 3.8            | 1               | NE                    |
| 20251004.00 | 0.43           | SW                    | 3.7            | 1               | SW                    |
| 20251004.03 | 0.43           | SW                    | 3.5            | 3               | S                     |
| 20251004.06 | 0.46           | SW                    | 3.2            | 5               | S                     |
| 20251004.09 | 0.49           | SW                    | 3.2            | 3               | E                     |
| 20251004.12 | 0.49           | SW                    | 3.5            | 2               | NE                    |
| 20251004.15 | 0.48           | SW                    | 3.7            | 6               | NW                    |
| 20251004.18 | 0.63           | S                     | 3.2            | 9               | N                     |
| 20251004.21 | 0.81           | S                     | 3.3            | 8               | W                     |
| 20251005.00 | 0.80           | S                     | 3.4            | 7               | SW                    |
| 20251005.03 | 0.69           | S                     | 3.4            | 5               | SW                    |
| 20251005.06 | 0.63           | S                     | 3.5            | 3               | S                     |
| 20251005.09 | 0.58           | SW                    | 3.7            | 2               | E                     |
| 20251005.12 | 0.53           | SW                    | 3.8            | 2               | NE                    |
| 20251005.15 | 0.49           | SW                    | 3.8            | 4               | W                     |
| 20251005.18 | 0.50           | SW                    | 3.6            | 6               | NW                    |
| 20251005.21 | 0.58           | SW                    | 3.3            | 6               | W                     |
| 20251006.00 | 0.66           | SW                    | 3.2            | 7               | S                     |
| 20251006.03 | 0.70           | SW                    | 3.2            | 8               | S                     |
| 20251006.06 | 0.78           | SW                    | 3.2            | 8               | S                     |
| 20251006.09 | 0.73           | SW                    | 3.2            | 6               | SW                    |
| 20251006.12 | 0.61           | SW                    | 3.3            | 4               | N                     |
| 20251006.15 | 0.51           | SW                    | 3.5            | 4               | N                     |
| 20251006.18 | 0.47           | SW                    | 3.5            | 3               | SW                    |
| 20251006.21 | 0.45           | SW                    | 3.3            | 5               | S                     |
| 20251007.00 | 0.52           | SW                    | 2.9            | 7               | E                     |
| 20251007.03 | 0.61           | W                     | 2.9            | 7               | SE                    |
| 20251007.06 | 0.65           | W                     | 3.1            | 7               | E                     |
| 20251007.09 | 0.68           | W                     | 3.4            | 6               | NE                    |
| 20251007.12 | 0.67           | W                     | 3.7            | 6               | NW                    |

Wind condition in the Fort-Shevchenko

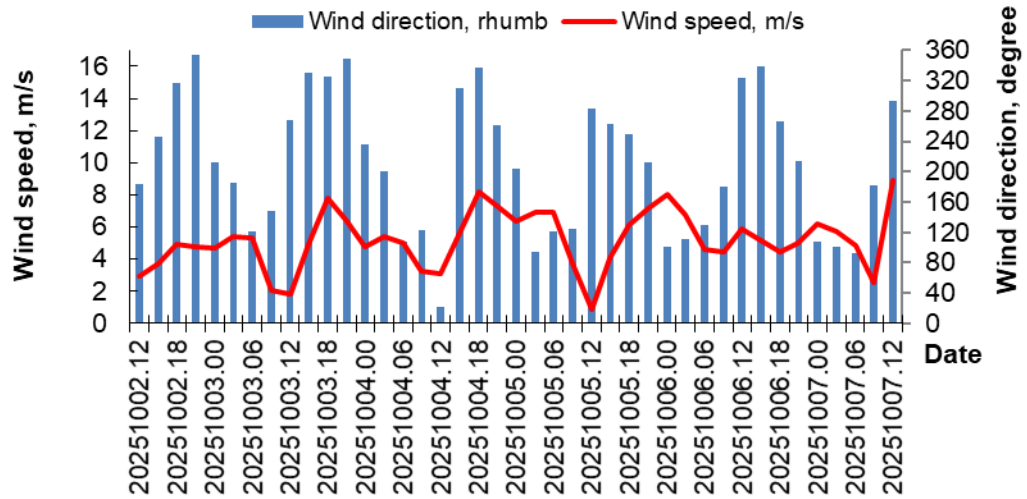


Wave condition in the Fort-Shevchenko

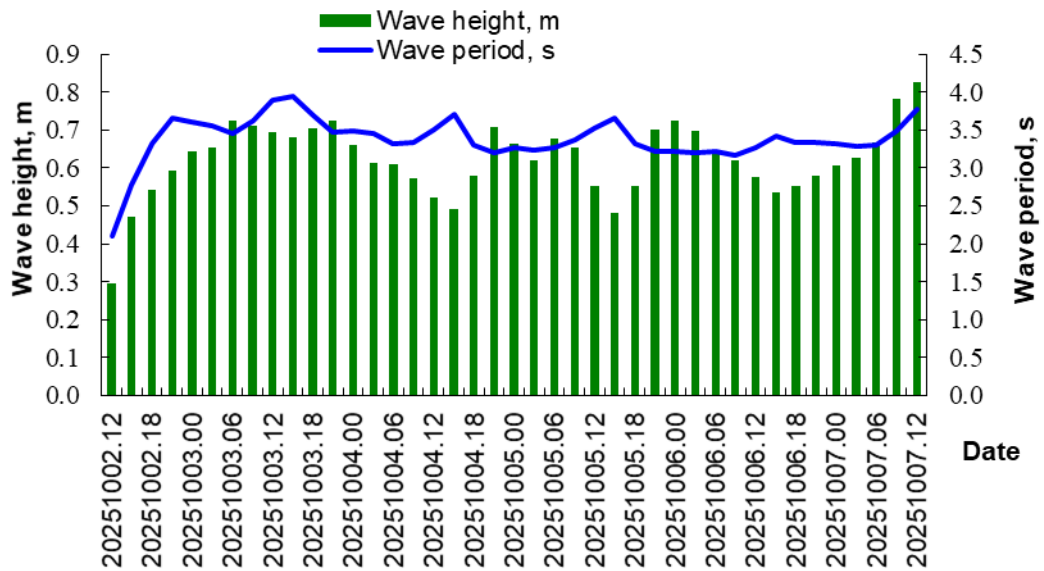


| Date time   | Fort-Shevchenko |                       |                |                 |                       |
|-------------|-----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m  | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20251002.12 | 0.51            | W                     | 2.5            | 5               | E                     |
| 20251002.15 | 0.57            | W                     | 2.8            | 3               | S                     |
| 20251002.18 | 0.59            | W                     | 3.2            | 4               | NW                    |
| 20251002.21 | 0.57            | W                     | 3.7            | 4               | N                     |
| 20251003.00 | 0.59            | W                     | 3.7            | 4               | SW                    |
| 20251003.03 | 0.64            | W                     | 3.5            | 6               | S                     |
| 20251003.06 | 0.77            | W                     | 3.4            | 8               | E                     |
| 20251003.09 | 0.79            | W                     | 3.4            | 7               | E                     |
| 20251003.12 | 0.71            | W                     | 3.4            | 5               | S                     |
| 20251003.15 | 0.61            | W                     | 3.6            | 3               | S                     |
| 20251003.18 | 0.54            | W                     | 3.8            | 2               | W                     |
| 20251003.21 | 0.49            | W                     | 3.9            | 2               | NW                    |
| 20251004.00 | 0.46            | W                     | 3.9            | 2               | SW                    |
| 20251004.03 | 0.45            | SW                    | 3.7            | 4               | S                     |
| 20251004.06 | 0.48            | SW                    | 3.3            | 6               | E                     |
| 20251004.09 | 0.51            | SW                    | 3.1            | 4               | SE                    |
| 20251004.12 | 0.50            | SW                    | 3.3            | 3               | NE                    |
| 20251004.15 | 0.48            | SW                    | 3.6            | 7               | NW                    |
| 20251004.18 | 0.66            | S                     | 3.3            | 10              | N                     |
| 20251004.21 | 0.77            | S                     | 3.3            | 7               | W                     |
| 20251005.00 | 0.67            | S                     | 3.5            | 4               | SW                    |
| 20251005.03 | 0.61            | S                     | 3.6            | 3               | W                     |
| 20251005.06 | 0.62            | SW                    | 3.5            | 3               | E                     |
| 20251005.09 | 0.61            | SW                    | 3.6            | 2               | NE                    |
| 20251005.12 | 0.55            | SW                    | 3.7            | 2               | NW                    |
| 20251005.15 | 0.50            | SW                    | 3.8            | 4               | W                     |
| 20251005.18 | 0.50            | SW                    | 3.5            | 6               | NW                    |
| 20251005.21 | 0.60            | S                     | 3.1            | 6               | W                     |
| 20251006.00 | 0.66            | SW                    | 3.2            | 7               | S                     |
| 20251006.03 | 0.64            | SW                    | 3.3            | 8               | S                     |
| 20251006.06 | 0.61            | SW                    | 3.4            | 8               | S                     |
| 20251006.09 | 0.61            | SW                    | 3.4            | 6               | SW                    |
| 20251006.12 | 0.59            | SW                    | 3.5            | 4               | N                     |
| 20251006.15 | 0.53            | SW                    | 3.6            | 4               | N                     |
| 20251006.18 | 0.51            | SW                    | 3.4            | 3               | SW                    |
| 20251006.21 | 0.50            | SW                    | 3.3            | 5               | S                     |
| 20251007.00 | 0.55            | SW                    | 3.0            | 7               | E                     |
| 20251007.03 | 0.60            | W                     | 3.0            | 7               | SE                    |
| 20251007.06 | 0.58            | W                     | 3.1            | 7               | E                     |
| 20251007.09 | 0.59            | W                     | 3.3            | 6               | NE                    |
| 20251007.12 | 0.63            | SW                    | 3.6            | 6               | NW                    |

Wind condition in the Aktau

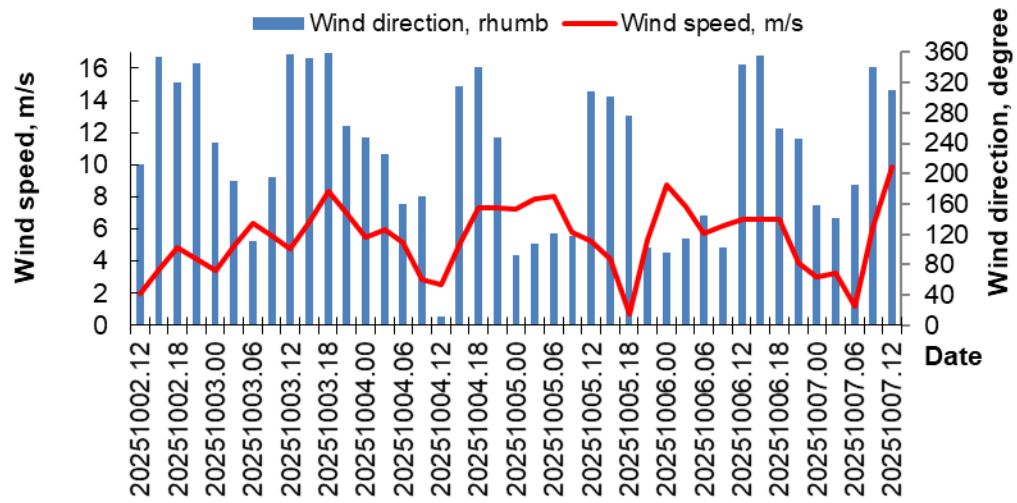


Wave condition in the Aktau

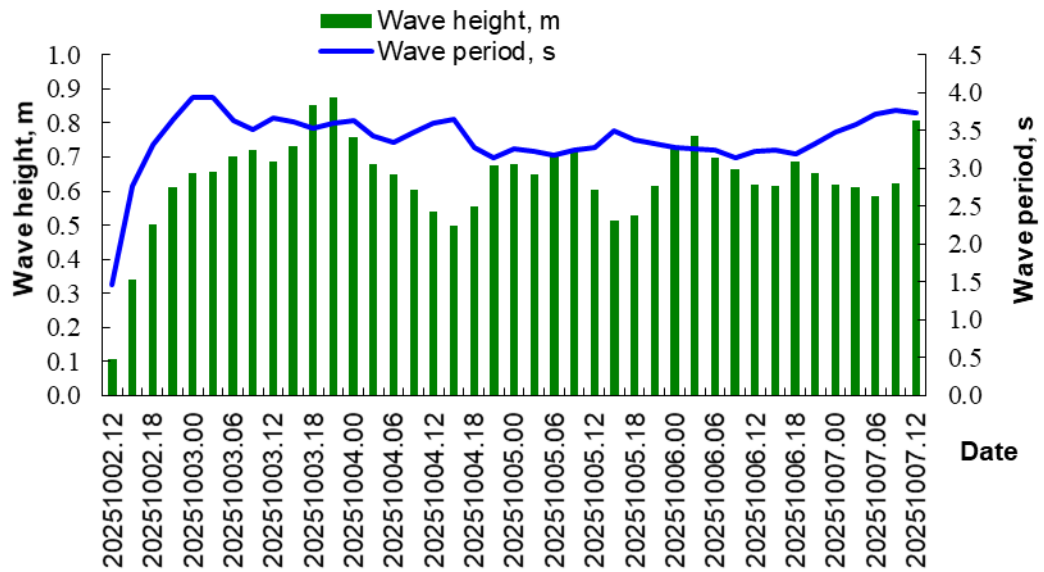


| Date time   | Aktau          |                         |                |                     |                |
|-------------|----------------|-------------------------|----------------|---------------------|----------------|
|             | Wave height, m | Направление волны, румб | Wave height, m | Скорость ветра, м/с | Wave height, m |
| 20251002.12 | 0.29           | W                       | 2.1            | 3                   | S              |
| 20251002.15 | 0.47           | W                       | 2.8            | 4                   | SW             |
| 20251002.18 | 0.54           | W                       | 3.3            | 5                   | NW             |
| 20251002.21 | 0.59           | W                       | 3.7            | 5                   | N              |
| 20251003.00 | 0.64           | W                       | 3.6            | 5                   | SW             |
| 20251003.03 | 0.65           | W                       | 3.5            | 5                   | S              |
| 20251003.06 | 0.73           | W                       | 3.4            | 5                   | SE             |
| 20251003.09 | 0.71           | W                       | 3.6            | 2                   | SE             |
| 20251003.12 | 0.69           | W                       | 3.9            | 2                   | W              |
| 20251003.15 | 0.68           | W                       | 3.9            | 5                   | NW             |
| 20251003.18 | 0.70           | SW                      | 3.7            | 8                   | NW             |
| 20251003.21 | 0.73           | SW                      | 3.5            | 6                   | N              |
| 20251004.00 | 0.66           | SW                      | 3.5            | 5                   | SW             |
| 20251004.03 | 0.61           | SW                      | 3.5            | 5                   | S              |
| 20251004.06 | 0.61           | SW                      | 3.3            | 5                   | E              |
| 20251004.09 | 0.57           | SW                      | 3.3            | 3                   | SE             |
| 20251004.12 | 0.52           | SW                      | 3.5            | 3                   | N              |
| 20251004.15 | 0.49           | SW                      | 3.7            | 6                   | NW             |
| 20251004.18 | 0.58           | S                       | 3.3            | 8                   | NW             |
| 20251004.21 | 0.71           | S                       | 3.2            | 7                   | W              |
| 20251005.00 | 0.67           | S                       | 3.3            | 6                   | SW             |
| 20251005.03 | 0.62           | SW                      | 3.2            | 7                   | E              |
| 20251005.06 | 0.68           | SW                      | 3.3            | 7                   | SE             |
| 20251005.09 | 0.65           | SW                      | 3.4            | 4                   | SE             |
| 20251005.12 | 0.55           | SW                      | 3.5            | 1                   | W              |
| 20251005.15 | 0.48           | SW                      | 3.7            | 4                   | W              |
| 20251005.18 | 0.55           | SW                      | 3.3            | 6                   | W              |
| 20251005.21 | 0.70           | SW                      | 3.2            | 7                   | SW             |
| 20251006.00 | 0.72           | SW                      | 3.2            | 8                   | E              |
| 20251006.03 | 0.70           | SW                      | 3.2            | 7                   | E              |
| 20251006.06 | 0.64           | W                       | 3.2            | 5                   | SE             |
| 20251006.09 | 0.62           | W                       | 3.2            | 4                   | S              |
| 20251006.12 | 0.58           | W                       | 3.3            | 6                   | NW             |
| 20251006.15 | 0.53           | SW                      | 3.4            | 5                   | N              |
| 20251006.18 | 0.55           | SW                      | 3.3            | 4                   | W              |
| 20251006.21 | 0.58           | SW                      | 3.3            | 5                   | SW             |
| 20251007.00 | 0.61           | SW                      | 3.3            | 6                   | E              |
| 20251007.03 | 0.63           | SW                      | 3.3            | 6                   | E              |
| 20251007.06 | 0.67           | W                       | 3.3            | 5                   | E              |
| 20251007.09 | 0.78           | W                       | 3.5            | 3                   | S              |
| 20251007.12 | 0.83           | W                       | 3.8            | 9                   | NW             |

Wind condition in the Peschanyi

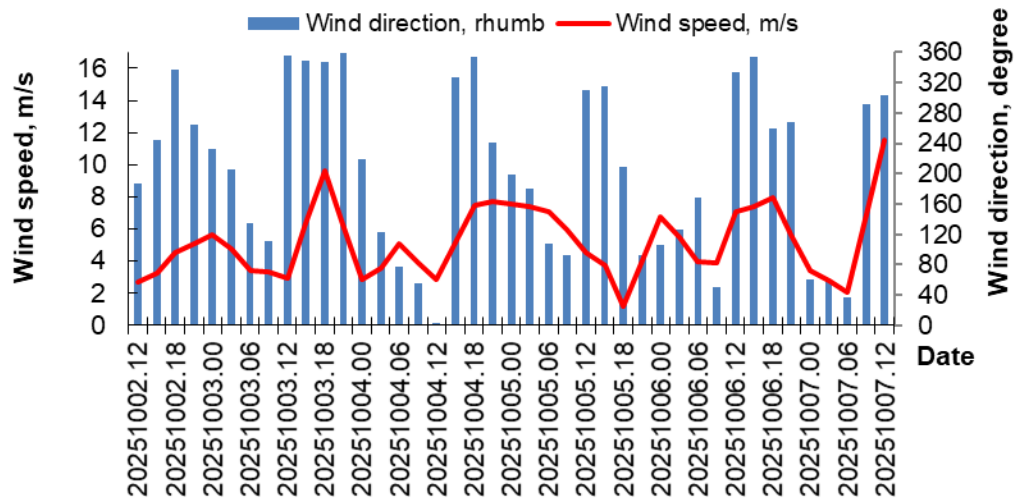


Wave condition in the Peschanyi

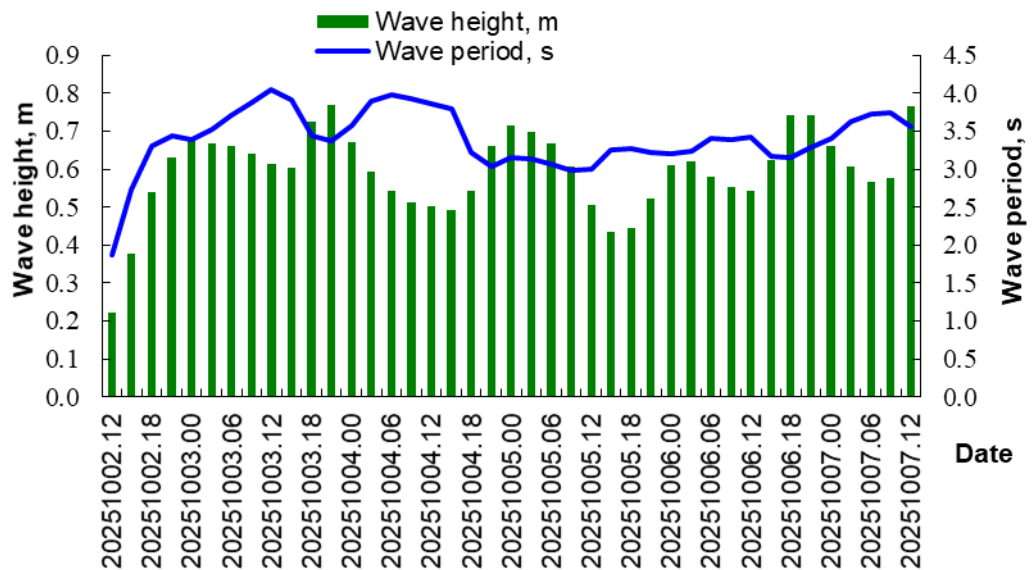


| Date time   | Peschanyi (Isan) |                       |                |                 |                       |
|-------------|------------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m   | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20251002.12 | 0.11             | SW                    | 1.5            | 2               | SW                    |
| 20251002.15 | 0.34             | W                     | 2.8            | 3               | N                     |
| 20251002.18 | 0.50             | W                     | 3.3            | 5               | NW                    |
| 20251002.21 | 0.61             | W                     | 3.7            | 4               | N                     |
| 20251003.00 | 0.65             | W                     | 3.9            | 3               | SW                    |
| 20251003.03 | 0.66             | W                     | 3.9            | 5               | S                     |
| 20251003.06 | 0.70             | W                     | 3.6            | 6               | E                     |
| 20251003.09 | 0.72             | W                     | 3.5            | 6               | S                     |
| 20251003.12 | 0.69             | W                     | 3.7            | 5               | N                     |
| 20251003.15 | 0.73             | SW                    | 3.6            | 6               | N                     |
| 20251003.18 | 0.85             | SW                    | 3.5            | 8               | N                     |
| 20251003.21 | 0.88             | SW                    | 3.6            | 7               | W                     |
| 20251004.00 | 0.76             | SW                    | 3.6            | 5               | W                     |
| 20251004.03 | 0.68             | SW                    | 3.4            | 6               | SW                    |
| 20251004.06 | 0.65             | SW                    | 3.3            | 5               | S                     |
| 20251004.09 | 0.61             | SW                    | 3.5            | 3               | S                     |
| 20251004.12 | 0.54             | SW                    | 3.6            | 3               | N                     |
| 20251004.15 | 0.50             | SW                    | 3.7            | 5               | NW                    |
| 20251004.18 | 0.56             | SW                    | 3.3            | 7               | N                     |
| 20251004.21 | 0.68             | S                     | 3.1            | 7               | W                     |
| 20251005.00 | 0.68             | SW                    | 3.3            | 7               | E                     |
| 20251005.03 | 0.65             | SW                    | 3.2            | 8               | E                     |
| 20251005.06 | 0.71             | W                     | 3.2            | 8               | SE                    |
| 20251005.09 | 0.72             | W                     | 3.2            | 6               | SE                    |
| 20251005.12 | 0.61             | W                     | 3.3            | 5               | NW                    |
| 20251005.15 | 0.51             | SW                    | 3.5            | 4               | NW                    |
| 20251005.18 | 0.53             | SW                    | 3.4            | 1               | W                     |
| 20251005.21 | 0.62             | SW                    | 3.3            | 5               | E                     |
| 20251006.00 | 0.73             | SW                    | 3.3            | 9               | E                     |
| 20251006.03 | 0.76             | W                     | 3.3            | 7               | SE                    |
| 20251006.06 | 0.70             | W                     | 3.2            | 6               | SE                    |
| 20251006.09 | 0.67             | W                     | 3.1            | 6               | E                     |
| 20251006.12 | 0.62             | W                     | 3.2            | 7               | N                     |
| 20251006.15 | 0.61             | SW                    | 3.2            | 7               | N                     |
| 20251006.18 | 0.69             | S                     | 3.2            | 7               | W                     |
| 20251006.21 | 0.65             | S                     | 3.3            | 4               | SW                    |
| 20251007.00 | 0.62             | SW                    | 3.5            | 3               | S                     |
| 20251007.03 | 0.61             | SW                    | 3.6            | 3               | SE                    |
| 20251007.06 | 0.59             | SW                    | 3.7            | 1               | S                     |
| 20251007.09 | 0.62             | SW                    | 3.8            | 6               | N                     |
| 20251007.12 | 0.81             | S                     | 3.7            | 10              | NW                    |

Wind condition in the Fetisovo

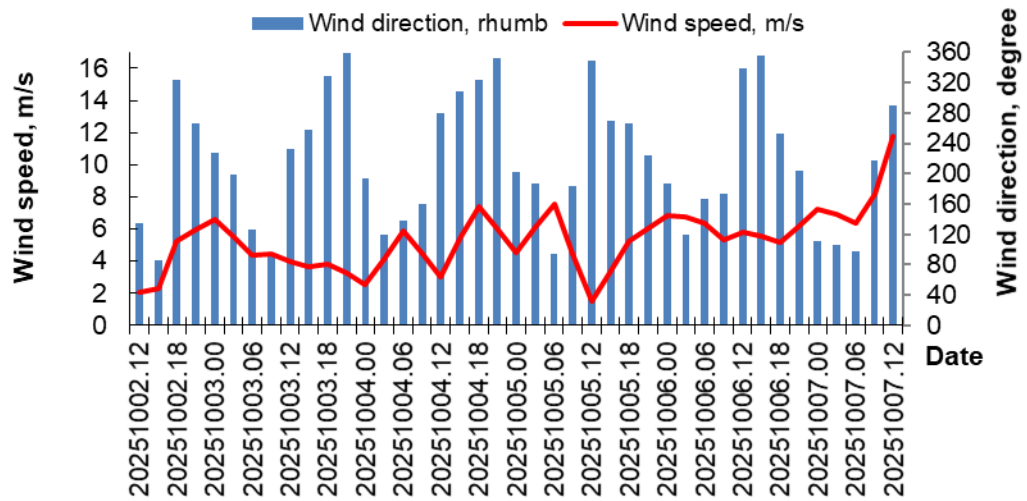


Wave condition in the Fetisovo

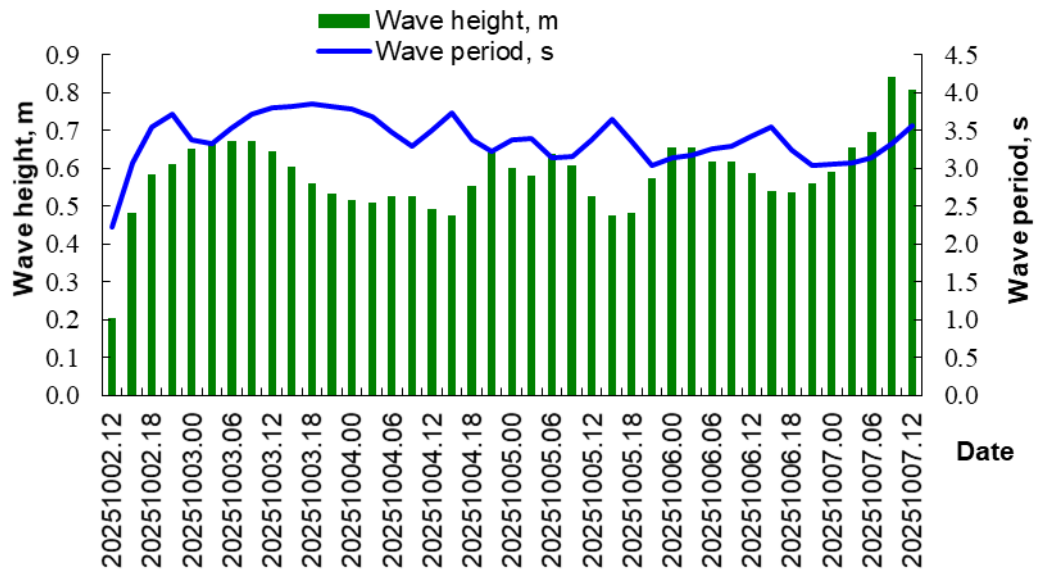


| Date time   | Fetisovo       |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20251002.12 | 0.22           | W                     | 1.9            | 3               | S                     |
| 20251002.15 | 0.38           | SW                    | 2.7            | 3               | SW                    |
| 20251002.18 | 0.54           | SW                    | 3.3            | 5               | NW                    |
| 20251002.21 | 0.63           | SW                    | 3.4            | 5               | W                     |
| 20251003.00 | 0.67           | SW                    | 3.4            | 6               | SW                    |
| 20251003.03 | 0.67           | SW                    | 3.5            | 5               | SW                    |
| 20251003.06 | 0.66           | W                     | 3.7            | 3               | SE                    |
| 20251003.09 | 0.64           | W                     | 3.9            | 3               | E                     |
| 20251003.12 | 0.61           | W                     | 4.0            | 3               | N                     |
| 20251003.15 | 0.60           | W                     | 3.9            | 6               | N                     |
| 20251003.18 | 0.72           | SW                    | 3.4            | 10              | N                     |
| 20251003.21 | 0.77           | SW                    | 3.4            | 6               | N                     |
| 20251004.00 | 0.67           | SW                    | 3.6            | 3               | SW                    |
| 20251004.03 | 0.59           | SW                    | 3.9            | 4               | SE                    |
| 20251004.06 | 0.54           | SW                    | 4.0            | 5               | E                     |
| 20251004.09 | 0.51           | SW                    | 3.9            | 4               | NE                    |
| 20251004.12 | 0.50           | SW                    | 3.9            | 3               | N                     |
| 20251004.15 | 0.49           | SW                    | 3.8            | 5               | NW                    |
| 20251004.18 | 0.54           | SW                    | 3.2            | 8               | N                     |
| 20251004.21 | 0.66           | SW                    | 3.0            | 8               | SW                    |
| 20251005.00 | 0.72           | SW                    | 3.2            | 8               | S                     |
| 20251005.03 | 0.70           | SW                    | 3.1            | 7               | S                     |
| 20251005.06 | 0.67           | W                     | 3.1            | 7               | E                     |
| 20251005.09 | 0.61           | W                     | 3.0            | 6               | E                     |
| 20251005.12 | 0.51           | W                     | 3.0            | 5               | NW                    |
| 20251005.15 | 0.43           | W                     | 3.2            | 4               | NW                    |
| 20251005.18 | 0.45           | SW                    | 3.3            | 1               | SW                    |
| 20251005.21 | 0.52           | SW                    | 3.2            | 4               | E                     |
| 20251006.00 | 0.61           | SW                    | 3.2            | 7               | E                     |
| 20251006.03 | 0.62           | SW                    | 3.2            | 5               | SE                    |
| 20251006.06 | 0.58           | W                     | 3.4            | 4               | S                     |
| 20251006.09 | 0.55           | W                     | 3.4            | 4               | NE                    |
| 20251006.12 | 0.54           | W                     | 3.4            | 7               | NW                    |
| 20251006.15 | 0.62           | SW                    | 3.2            | 7               | N                     |
| 20251006.18 | 0.74           | S                     | 3.1            | 8               | W                     |
| 20251006.21 | 0.74           | S                     | 3.3            | 6               | W                     |
| 20251007.00 | 0.66           | S                     | 3.4            | 3               | NE                    |
| 20251007.03 | 0.61           | SW                    | 3.6            | 3               | NE                    |
| 20251007.06 | 0.57           | SW                    | 3.7            | 2               | NE                    |
| 20251007.09 | 0.58           | SW                    | 3.7            | 7               | W                     |
| 20251007.12 | 0.76           | S                     | 3.6            | 12              | NW                    |

Wind condition in the Saura

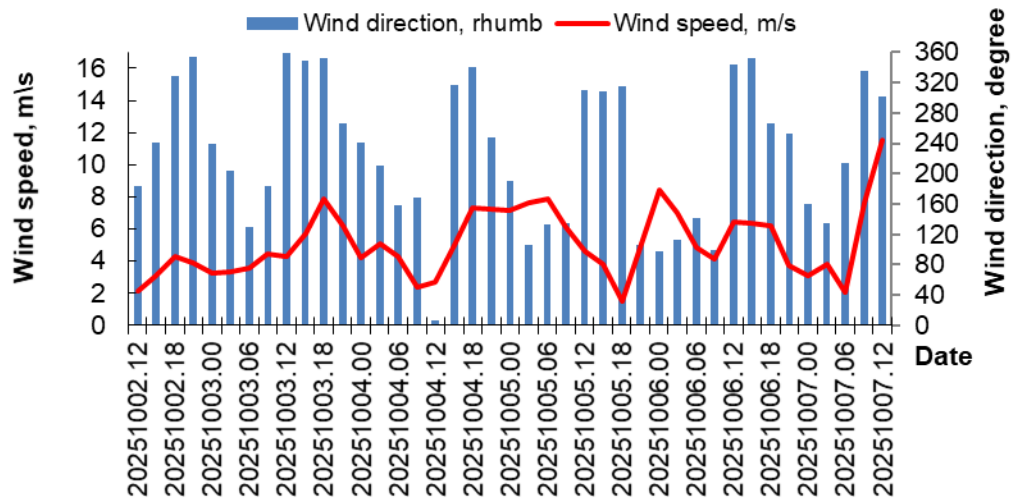


Wave condition in the Saura

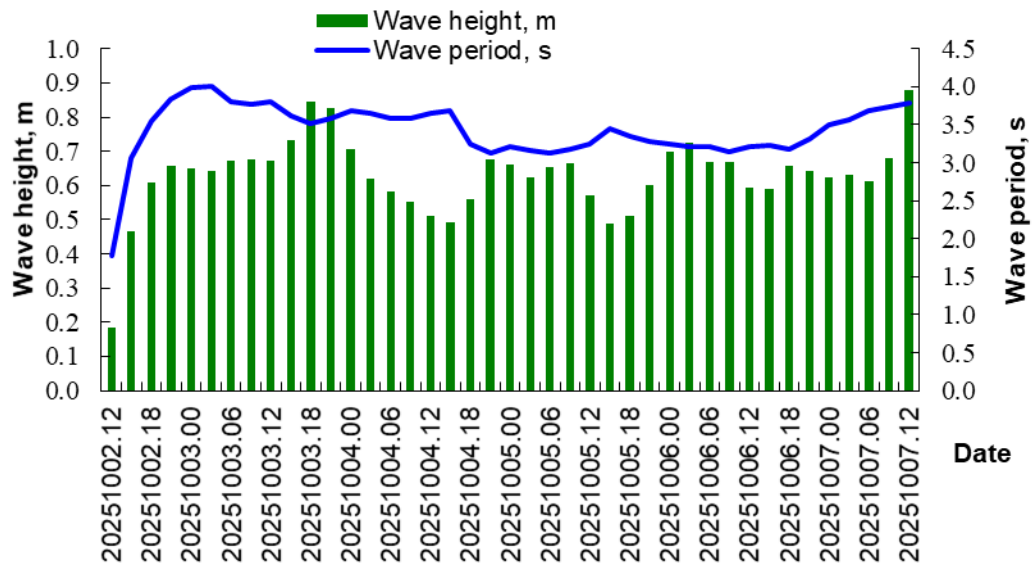


| Date time   | Saura          |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20251002.12 | 0.21           | W                     | 2.2            | 2               | SE                    |
| 20251002.15 | 0.48           | W                     | 3.1            | 2               | E                     |
| 20251002.18 | 0.58           | W                     | 3.5            | 5               | NW                    |
| 20251002.21 | 0.61           | W                     | 3.7            | 6               | W                     |
| 20251003.00 | 0.65           | W                     | 3.4            | 7               | SW                    |
| 20251003.03 | 0.67           | W                     | 3.3            | 6               | S                     |
| 20251003.06 | 0.67           | W                     | 3.5            | 4               | SE                    |
| 20251003.09 | 0.67           | W                     | 3.7            | 4               | E                     |
| 20251003.12 | 0.64           | W                     | 3.8            | 4               | SW                    |
| 20251003.15 | 0.60           | W                     | 3.8            | 4               | W                     |
| 20251003.18 | 0.56           | W                     | 3.9            | 4               | NW                    |
| 20251003.21 | 0.53           | W                     | 3.8            | 3               | N                     |
| 20251004.00 | 0.52           | SW                    | 3.8            | 3               | S                     |
| 20251004.03 | 0.51           | SW                    | 3.7            | 4               | SE                    |
| 20251004.06 | 0.53           | SW                    | 3.5            | 6               | SE                    |
| 20251004.09 | 0.53           | SW                    | 3.3            | 4               | S                     |
| 20251004.12 | 0.49           | SW                    | 3.5            | 3               | W                     |
| 20251004.15 | 0.48           | SW                    | 3.7            | 5               | NW                    |
| 20251004.18 | 0.55           | S                     | 3.4            | 7               | NW                    |
| 20251004.21 | 0.64           | S                     | 3.2            | 6               | N                     |
| 20251005.00 | 0.60           | S                     | 3.4            | 5               | S                     |
| 20251005.03 | 0.58           | S                     | 3.4            | 6               | S                     |
| 20251005.06 | 0.64           | SW                    | 3.1            | 8               | E                     |
| 20251005.09 | 0.61           | SW                    | 3.2            | 4               | S                     |
| 20251005.12 | 0.53           | SW                    | 3.4            | 1               | N                     |
| 20251005.15 | 0.48           | SW                    | 3.7            | 3               | W                     |
| 20251005.18 | 0.48           | SW                    | 3.4            | 5               | W                     |
| 20251005.21 | 0.57           | SW                    | 3.0            | 6               | SW                    |
| 20251006.00 | 0.65           | SW                    | 3.1            | 7               | S                     |
| 20251006.03 | 0.66           | SW                    | 3.2            | 7               | SE                    |
| 20251006.06 | 0.62           | SW                    | 3.3            | 6               | S                     |
| 20251006.09 | 0.62           | W                     | 3.3            | 5               | S                     |
| 20251006.12 | 0.59           | W                     | 3.4            | 6               | N                     |
| 20251006.15 | 0.54           | W                     | 3.6            | 6               | N                     |
| 20251006.18 | 0.54           | SW                    | 3.2            | 5               | W                     |
| 20251006.21 | 0.56           | SW                    | 3.0            | 6               | SW                    |
| 20251007.00 | 0.59           | SW                    | 3.0            | 7               | E                     |
| 20251007.03 | 0.66           | W                     | 3.1            | 7               | E                     |
| 20251007.06 | 0.70           | W                     | 3.1            | 6               | E                     |
| 20251007.09 | 0.84           | W                     | 3.3            | 8               | SW                    |
| 20251007.12 | 0.81           | SW                    | 3.6            | 12              | W                     |

### Wind condition in the Kuryik



### Wave condition in the Kuryik



| Date time   | Kuryk          |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20251002.12 | 0.18           | W                     | 1.8            | 2               | S                     |
| 20251002.15 | 0.46           | W                     | 3.1            | 3               | SW                    |
| 20251002.18 | 0.61           | W                     | 3.6            | 4               | NW                    |
| 20251002.21 | 0.66           | W                     | 3.8            | 4               | N                     |
| 20251003.00 | 0.65           | W                     | 4.0            | 3               | SW                    |
| 20251003.03 | 0.64           | W                     | 4.0            | 3               | SW                    |
| 20251003.06 | 0.67           | W                     | 3.8            | 4               | SE                    |
| 20251003.09 | 0.68           | W                     | 3.8            | 4               | S                     |
| 20251003.12 | 0.67           | W                     | 3.8            | 4               | N                     |
| 20251003.15 | 0.73           | SW                    | 3.6            | 6               | N                     |
| 20251003.18 | 0.85           | SW                    | 3.5            | 8               | N                     |
| 20251003.21 | 0.83           | SW                    | 3.6            | 6               | W                     |
| 20251004.00 | 0.70           | SW                    | 3.7            | 4               | SW                    |
| 20251004.03 | 0.62           | SW                    | 3.7            | 5               | SW                    |
| 20251004.06 | 0.58           | SW                    | 3.6            | 4               | S                     |
| 20251004.09 | 0.55           | SW                    | 3.6            | 2               | S                     |
| 20251004.12 | 0.51           | SW                    | 3.6            | 3               | N                     |
| 20251004.15 | 0.49           | SW                    | 3.7            | 5               | NW                    |
| 20251004.18 | 0.56           | SW                    | 3.2            | 7               | N                     |
| 20251004.21 | 0.67           | S                     | 3.1            | 7               | W                     |
| 20251005.00 | 0.66           | SW                    | 3.2            | 7               | S                     |
| 20251005.03 | 0.62           | SW                    | 3.2            | 8               | E                     |
| 20251005.06 | 0.66           | W                     | 3.1            | 8               | SE                    |
| 20251005.09 | 0.67           | W                     | 3.2            | 6               | SE                    |
| 20251005.12 | 0.57           | W                     | 3.2            | 5               | NW                    |
| 20251005.15 | 0.49           | W                     | 3.5            | 4               | NW                    |
| 20251005.18 | 0.51           | SW                    | 3.4            | 1               | NW                    |
| 20251005.21 | 0.60           | SW                    | 3.3            | 5               | E                     |
| 20251006.00 | 0.70           | SW                    | 3.2            | 8               | E                     |
| 20251006.03 | 0.73           | W                     | 3.2            | 7               | SE                    |
| 20251006.06 | 0.67           | W                     | 3.2            | 5               | SE                    |
| 20251006.09 | 0.67           | W                     | 3.2            | 4               | E                     |
| 20251006.12 | 0.60           | W                     | 3.2            | 6               | N                     |
| 20251006.15 | 0.59           | SW                    | 3.2            | 6               | N                     |
| 20251006.18 | 0.66           | S                     | 3.2            | 6               | W                     |
| 20251006.21 | 0.64           | S                     | 3.3            | 4               | W                     |
| 20251007.00 | 0.62           | SW                    | 3.5            | 3               | S                     |
| 20251007.03 | 0.63           | SW                    | 3.6            | 4               | SE                    |
| 20251007.06 | 0.61           | SW                    | 3.7            | 2               | SW                    |
| 20251007.09 | 0.68           | SW                    | 3.7            | 8               | NW                    |
| 20251007.12 | 0.88           | S                     | 3.8            | 12              | NW                    |

*\*Calculation characteristics were obtained using the SWAN wave model, adapted in RSE «Kazhydromet» to the conditions of the Caspian Sea.*

Compiled by: Zhagparova N.N..

Checked by: Shishkina G.M.

RSE «Kazhydromet» – Caspian Sea Hydrometeorological Research Department

Phone. (717)2 79 83 12; E-mail: [ugmikm@meteo.kz](mailto:ugmikm@meteo.kz)