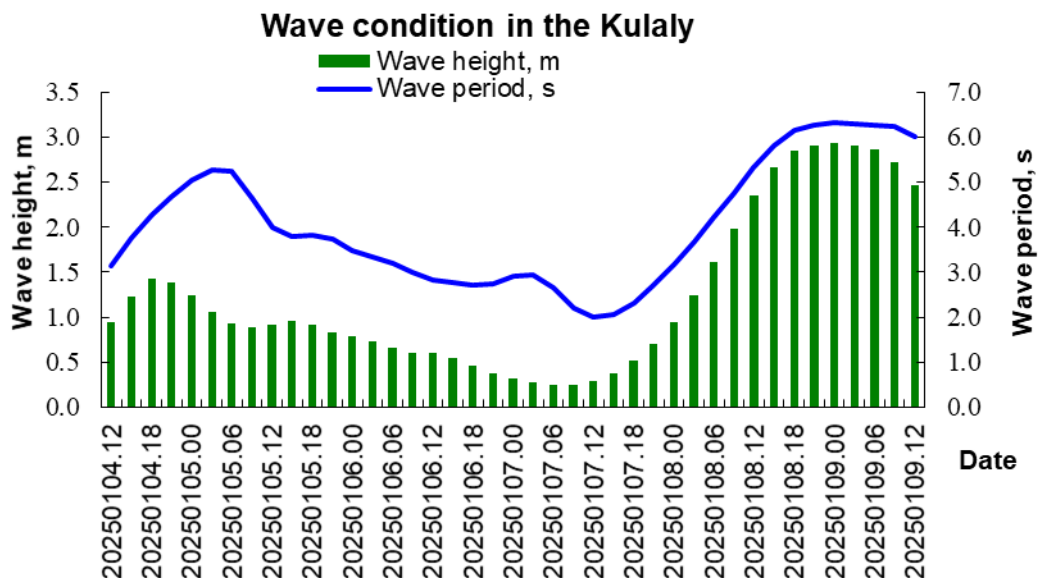
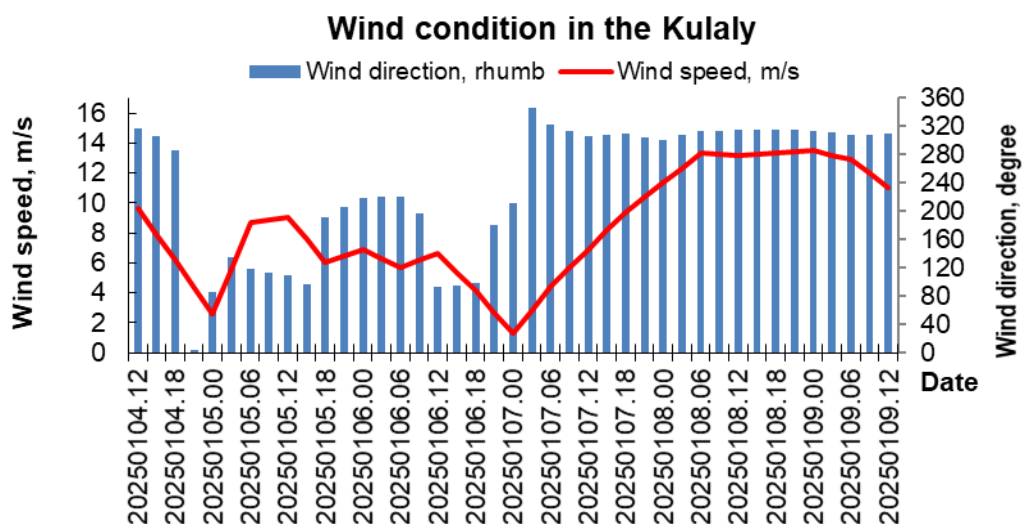




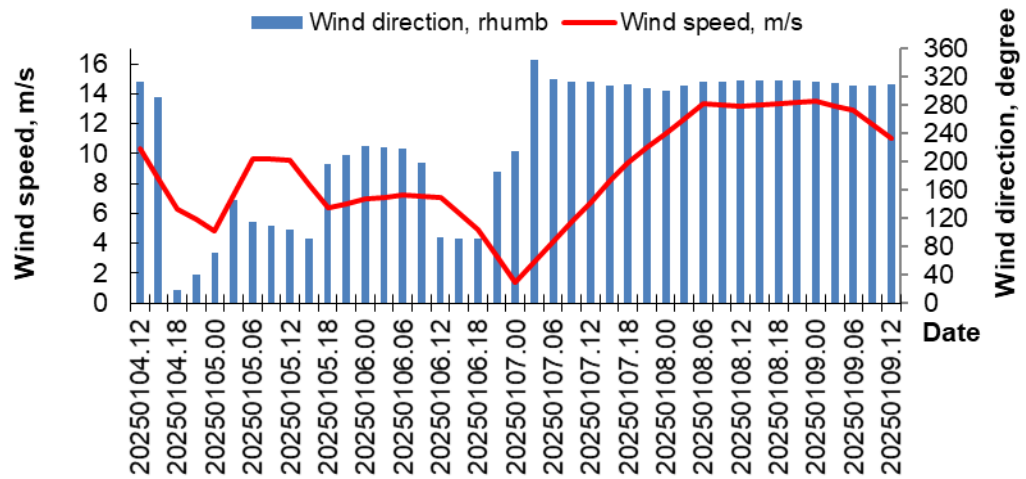
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES  
OF THE REPUBLIC OF KAZAKHSTAN  
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance  
for the period November 04 - 09, 2024.**

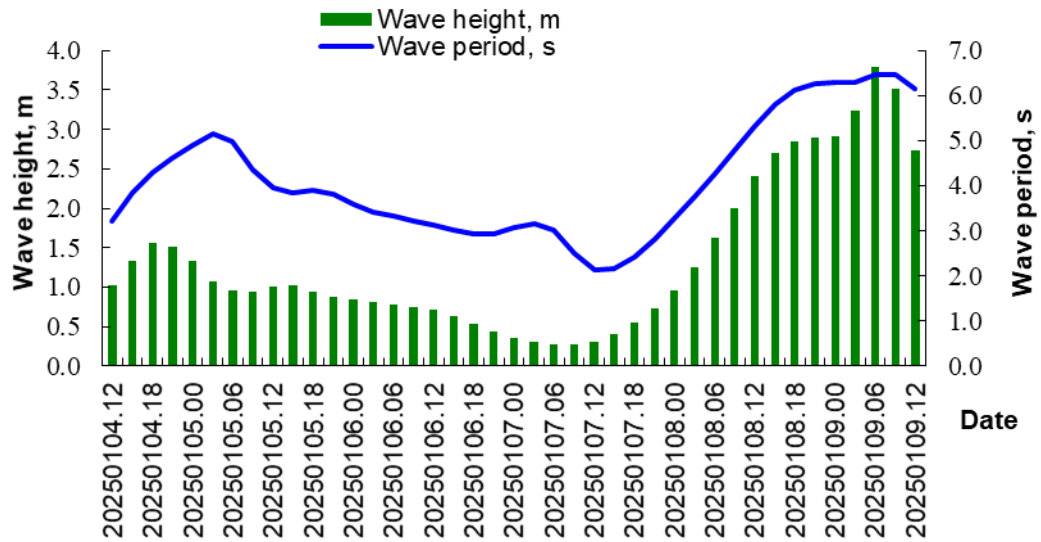


| Date time   | Kulaly         |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250104.12 | 0.95           | SE                    | 3.1            | 10              | NW                    |
| 20250104.15 | 1.22           | SE                    | 3.8            | 8               | NW                    |
| 20250104.18 | 1.42           | SE                    | 4.3            | 6               | W                     |
| 20250104.21 | 1.38           | SE                    | 4.7            | 4               | N                     |
| 20250105.00 | 1.25           | SE                    | 5.0            | 3               | E                     |
| 20250105.03 | 1.06           | SE                    | 5.3            | 6               | SE                    |
| 20250105.06 | 0.93           | SE                    | 5.2            | 9               | SE                    |
| 20250105.09 | 0.88           | SE                    | 4.6            | 9               | SE                    |
| 20250105.12 | 0.92           | E                     | 4.0            | 9               | E                     |
| 20250105.15 | 0.96           | N                     | 3.8            | 8               | E                     |
| 20250105.18 | 0.92           | NW                    | 3.8            | 6               | S                     |
| 20250105.21 | 0.83           | NW                    | 3.7            | 6               | SW                    |
| 20250106.00 | 0.79           | W                     | 3.5            | 7               | SW                    |
| 20250106.03 | 0.73           | SW                    | 3.3            | 6               | SW                    |
| 20250106.06 | 0.65           | SW                    | 3.2            | 6               | SW                    |
| 20250106.09 | 0.61           | SW                    | 3.0            | 6               | S                     |
| 20250106.12 | 0.61           | SW                    | 2.8            | 7               | E                     |
| 20250106.15 | 0.55           | W                     | 2.8            | 5               | E                     |
| 20250106.18 | 0.46           | W                     | 2.7            | 4               | E                     |
| 20250106.21 | 0.38           | W                     | 2.7            | 3               | S                     |
| 20250107.00 | 0.31           | W                     | 2.9            | 1               | SW                    |
| 20250107.03 | 0.27           | W                     | 2.9            | 3               | N                     |
| 20250107.06 | 0.25           | SW                    | 2.7            | 4               | NW                    |
| 20250107.09 | 0.25           | SW                    | 2.2            | 6               | NW                    |
| 20250107.12 | 0.29           | S                     | 2.0            | 7               | NW                    |
| 20250107.15 | 0.38           | S                     | 2.1            | 8               | NW                    |
| 20250107.18 | 0.52           | SE                    | 2.3            | 9               | NW                    |
| 20250107.21 | 0.71           | SE                    | 2.7            | 10              | NW                    |
| 20250108.00 | 0.94           | SE                    | 3.2            | 11              | NW                    |
| 20250108.03 | 1.24           | SE                    | 3.7            | 12              | NW                    |
| 20250108.06 | 1.61           | SE                    | 4.2            | 13              | NW                    |
| 20250108.09 | 1.98           | SE                    | 4.8            | 13              | NW                    |
| 20250108.12 | 2.36           | SE                    | 5.3            | 13              | NW                    |
| 20250108.15 | 2.67           | SE                    | 5.8            | 13              | NW                    |
| 20250108.18 | 2.85           | SE                    | 6.1            | 13              | NW                    |
| 20250108.21 | 2.91           | SE                    | 6.3            | 13              | NW                    |
| 20250109.00 | 2.94           | SE                    | 6.3            | 14              | NW                    |
| 20250109.03 | 2.91           | SE                    | 6.3            | 13              | NW                    |
| 20250109.06 | 2.87           | SE                    | 6.3            | 13              | NW                    |
| 20250109.09 | 2.73           | SE                    | 6.2            | 12              | NW                    |
| 20250109.12 | 2.47           | SE                    | 6.0            | 11              | NW                    |

### Wind condition in the Fort-Shevchenko

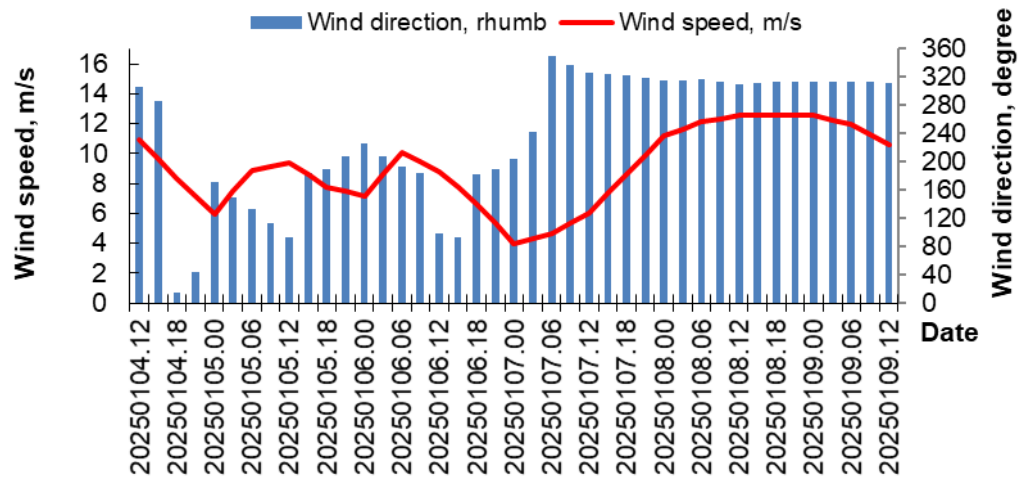


### Wave condition in the Fort-Shevchenko

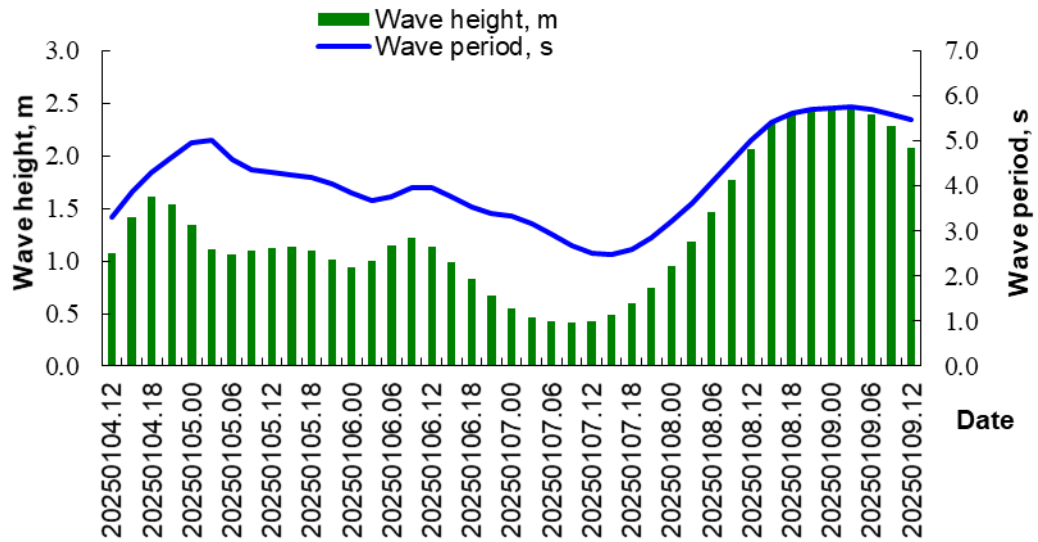


| Date time   | Fort-Shevchenko |                       |                |                 |                       |
|-------------|-----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m  | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250104.12 | 1.07            | SE                    | 3.3            | 11              | NW                    |
| 20250104.15 | 1.42            | SE                    | 3.9            | 10              | W                     |
| 20250104.18 | 1.61            | SE                    | 4.3            | 8               | N                     |
| 20250104.21 | 1.54            | SE                    | 4.6            | 7               | NE                    |
| 20250105.00 | 1.34            | SE                    | 5.0            | 6               | S                     |
| 20250105.03 | 1.12            | SE                    | 5.0            | 7               | SE                    |
| 20250105.06 | 1.07            | SE                    | 4.6            | 9               | SE                    |
| 20250105.09 | 1.10            | NE                    | 4.3            | 9               | SE                    |
| 20250105.12 | 1.12            | N                     | 4.3            | 9               | E                     |
| 20250105.15 | 1.13            | NW                    | 4.3            | 9               | S                     |
| 20250105.18 | 1.09            | NW                    | 4.2            | 8               | S                     |
| 20250105.21 | 1.02            | NW                    | 4.0            | 7               | SW                    |
| 20250106.00 | 0.94            | W                     | 3.9            | 7               | SW                    |
| 20250106.03 | 1.00            | W                     | 3.7            | 9               | SW                    |
| 20250106.06 | 1.14            | W                     | 3.8            | 10              | S                     |
| 20250106.09 | 1.22            | W                     | 4.0            | 9               | S                     |
| 20250106.12 | 1.13            | W                     | 4.0            | 9               | E                     |
| 20250106.15 | 0.98            | W                     | 3.8            | 8               | E                     |
| 20250106.18 | 0.83            | W                     | 3.5            | 7               | S                     |
| 20250106.21 | 0.68            | W                     | 3.4            | 5               | S                     |
| 20250107.00 | 0.55            | W                     | 3.3            | 4               | SW                    |
| 20250107.03 | 0.47            | W                     | 3.2            | 4               | SW                    |
| 20250107.06 | 0.43            | W                     | 2.9            | 5               | N                     |
| 20250107.09 | 0.41            | SW                    | 2.7            | 5               | NW                    |
| 20250107.12 | 0.43            | SW                    | 2.5            | 6               | NW                    |
| 20250107.15 | 0.49            | S                     | 2.5            | 7               | NW                    |
| 20250107.18 | 0.59            | S                     | 2.6            | 9               | NW                    |
| 20250107.21 | 0.74            | SE                    | 2.8            | 10              | NW                    |
| 20250108.00 | 0.95            | SE                    | 3.2            | 11              | NW                    |
| 20250108.03 | 1.18            | SE                    | 3.6            | 12              | NW                    |
| 20250108.06 | 1.46            | SE                    | 4.1            | 12              | NW                    |
| 20250108.09 | 1.77            | SE                    | 4.6            | 12              | NW                    |
| 20250108.12 | 2.06            | SE                    | 5.0            | 13              | NW                    |
| 20250108.15 | 2.31            | SE                    | 5.4            | 13              | NW                    |
| 20250108.18 | 2.39            | SE                    | 5.6            | 13              | NW                    |
| 20250108.21 | 2.42            | SE                    | 5.7            | 13              | NW                    |
| 20250109.00 | 2.45            | SE                    | 5.7            | 13              | NW                    |
| 20250109.03 | 2.44            | SE                    | 5.7            | 12              | NW                    |
| 20250109.06 | 2.39            | SE                    | 5.7            | 12              | NW                    |
| 20250109.09 | 2.28            | SE                    | 5.6            | 11              | NW                    |
| 20250109.12 | 2.07            | SE                    | 5.5            | 11              | NW                    |

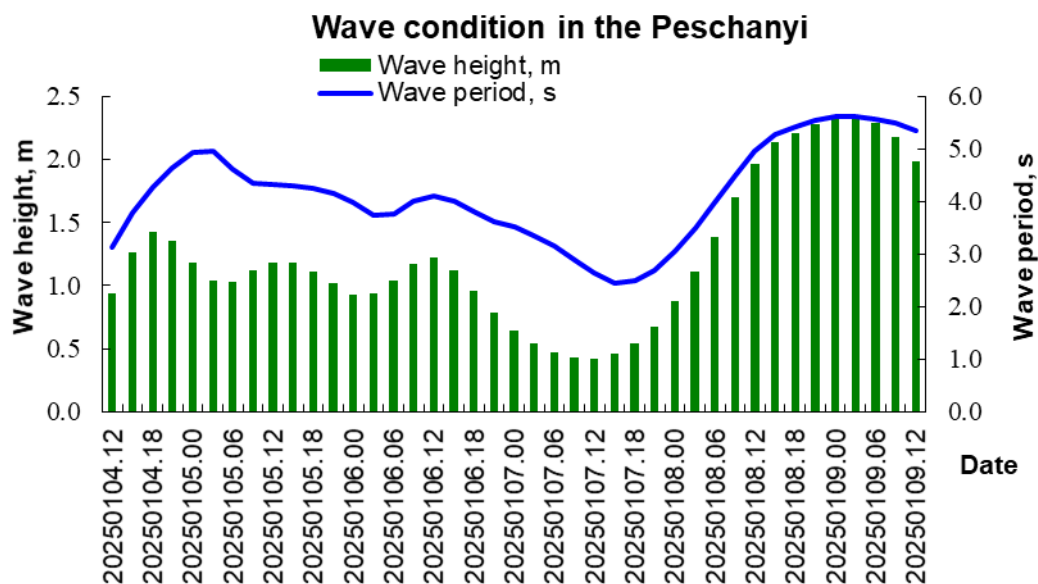
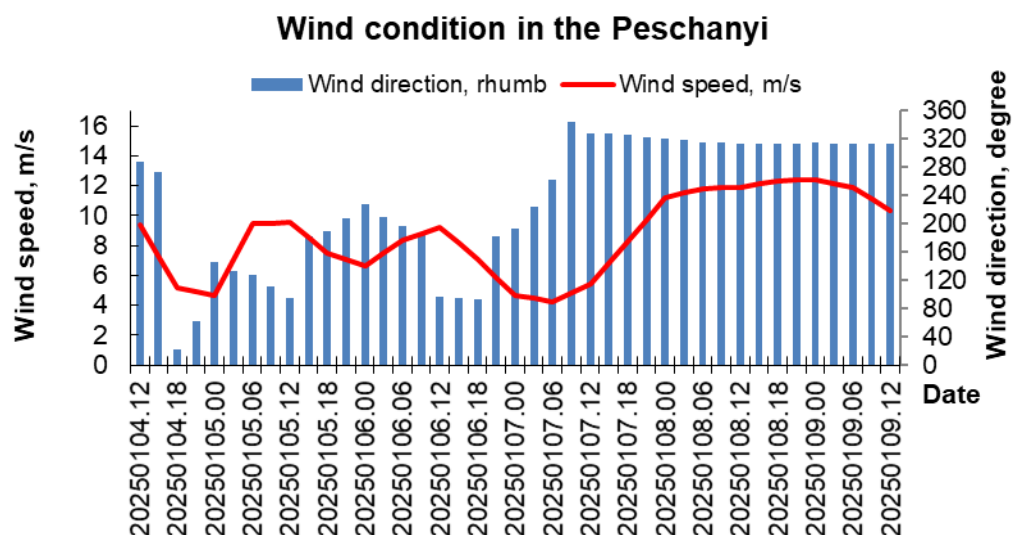
Wind condition in the Aktau



Wave condition in the Aktau

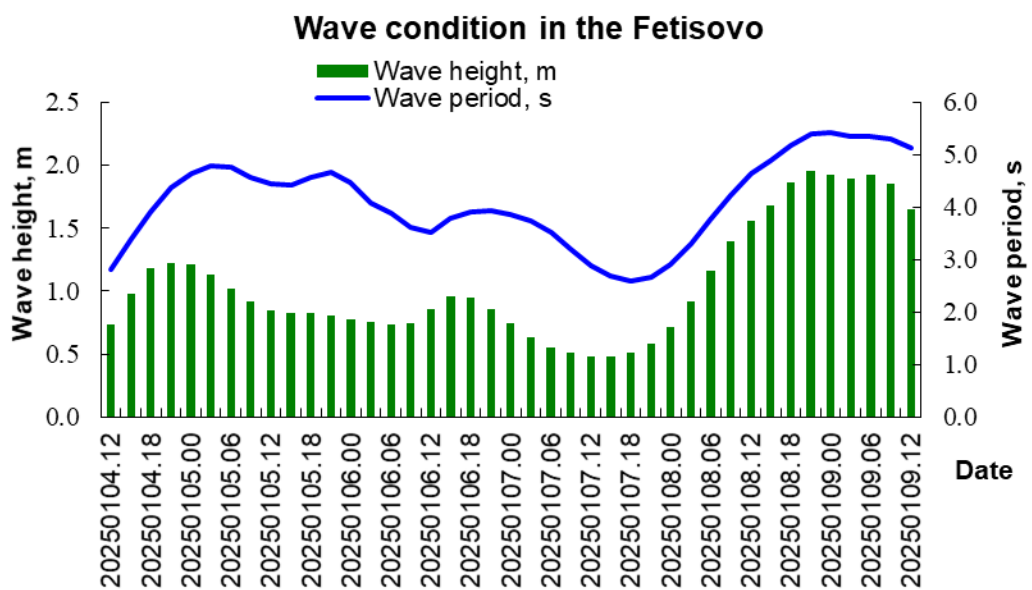
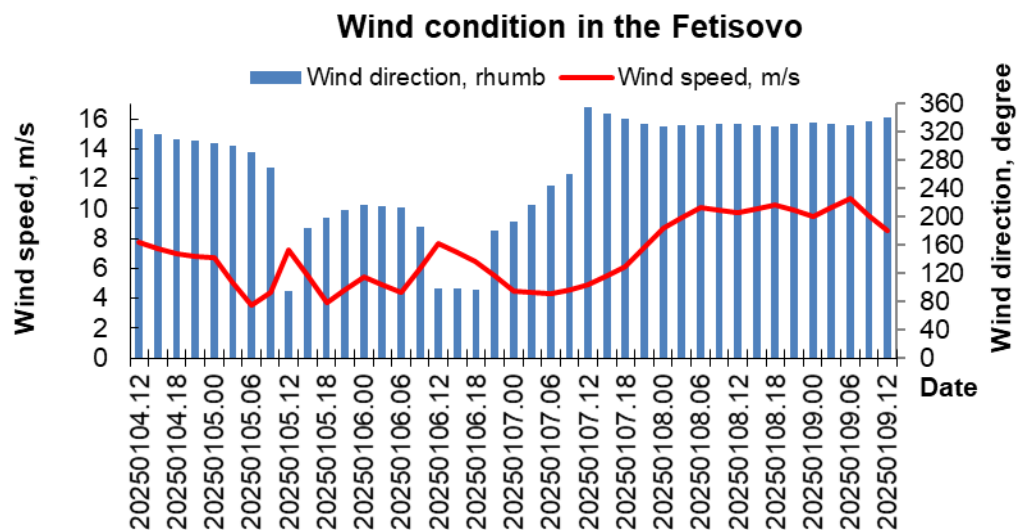


| Date time   | Aktau          |                         |                |                     |                |
|-------------|----------------|-------------------------|----------------|---------------------|----------------|
|             | Wave height, m | Направление волны, румб | Wave height, m | Скорость ветра, м/с | Wave height, m |
| 20250104.12 | 1.07           | SE                      | 3.3            | 11                  | NW             |
| 20250104.15 | 1.42           | SE                      | 3.9            | 10                  | W              |
| 20250104.18 | 1.61           | SE                      | 4.3            | 8                   | N              |
| 20250104.21 | 1.54           | SE                      | 4.6            | 7                   | NE             |
| 20250105.00 | 1.34           | SE                      | 5.0            | 6                   | S              |
| 20250105.03 | 1.12           | SE                      | 5.0            | 7                   | SE             |
| 20250105.06 | 1.07           | SE                      | 4.6            | 9                   | SE             |
| 20250105.09 | 1.10           | NE                      | 4.3            | 9                   | SE             |
| 20250105.12 | 1.12           | N                       | 4.3            | 9                   | E              |
| 20250105.15 | 1.13           | NW                      | 4.3            | 9                   | S              |
| 20250105.18 | 1.09           | NW                      | 4.2            | 8                   | S              |
| 20250105.21 | 1.02           | NW                      | 4.0            | 7                   | SW             |
| 20250106.00 | 0.94           | W                       | 3.9            | 7                   | SW             |
| 20250106.03 | 1.00           | W                       | 3.7            | 9                   | SW             |
| 20250106.06 | 1.14           | W                       | 3.8            | 10                  | S              |
| 20250106.09 | 1.22           | W                       | 4.0            | 9                   | S              |
| 20250106.12 | 1.13           | W                       | 4.0            | 9                   | E              |
| 20250106.15 | 0.98           | W                       | 3.8            | 8                   | E              |
| 20250106.18 | 0.83           | W                       | 3.5            | 7                   | S              |
| 20250106.21 | 0.68           | W                       | 3.4            | 5                   | S              |
| 20250107.00 | 0.55           | W                       | 3.3            | 4                   | SW             |
| 20250107.03 | 0.47           | W                       | 3.2            | 4                   | SW             |
| 20250107.06 | 0.43           | W                       | 2.9            | 5                   | N              |
| 20250107.09 | 0.41           | SW                      | 2.7            | 5                   | NW             |
| 20250107.12 | 0.43           | SW                      | 2.5            | 6                   | NW             |
| 20250107.15 | 0.49           | S                       | 2.5            | 7                   | NW             |
| 20250107.18 | 0.59           | S                       | 2.6            | 9                   | NW             |
| 20250107.21 | 0.74           | SE                      | 2.8            | 10                  | NW             |
| 20250108.00 | 0.95           | SE                      | 3.2            | 11                  | NW             |
| 20250108.03 | 1.18           | SE                      | 3.6            | 12                  | NW             |
| 20250108.06 | 1.46           | SE                      | 4.1            | 12                  | NW             |
| 20250108.09 | 1.77           | SE                      | 4.6            | 12                  | NW             |
| 20250108.12 | 2.06           | SE                      | 5.0            | 13                  | NW             |
| 20250108.15 | 2.31           | SE                      | 5.4            | 13                  | NW             |
| 20250108.18 | 2.39           | SE                      | 5.6            | 13                  | NW             |
| 20250108.21 | 2.42           | SE                      | 5.7            | 13                  | NW             |
| 20250109.00 | 2.45           | SE                      | 5.7            | 13                  | NW             |
| 20250109.03 | 2.44           | SE                      | 5.7            | 12                  | NW             |
| 20250109.06 | 2.39           | SE                      | 5.7            | 12                  | NW             |
| 20250109.09 | 2.28           | SE                      | 5.6            | 11                  | NW             |
| 20250109.12 | 2.07           | SE                      | 5.5            | 11                  | NW             |



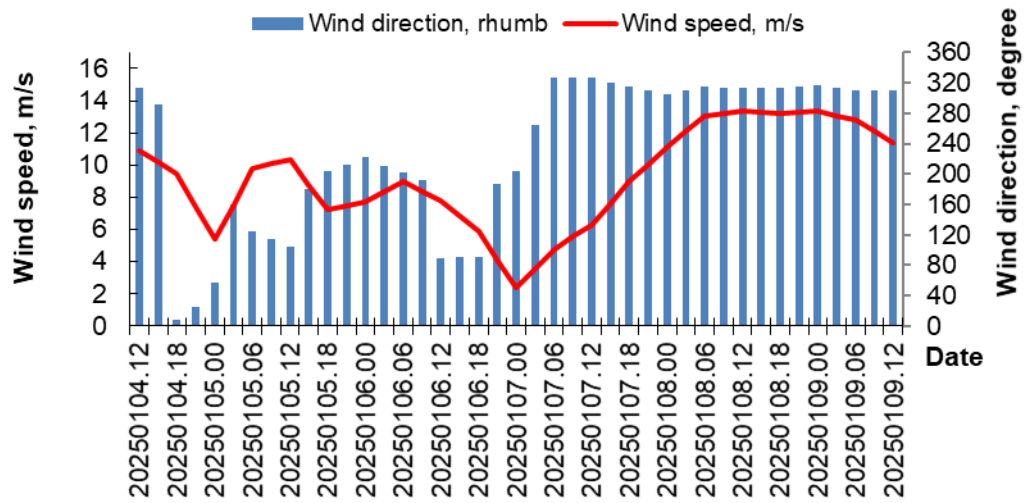
| Date time   | Peschanyi (Isan) |                       |                |                 |                       |
|-------------|------------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m   | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250104.12 | 0.94             | E                     | 3.1            | 9               | W                     |
| 20250104.15 | 1.26             | SE                    | 3.8            | 7               | W                     |
| 20250104.18 | 1.43             | SE                    | 4.3            | 5               | NE                    |
| 20250104.21 | 1.35             | SE                    | 4.6            | 5               | NE                    |
| 20250105.00 | 1.19             | SE                    | 4.9            | 5               | SE                    |
| 20250105.03 | 1.04             | SE                    | 5.0            | 7               | SE                    |
| 20250105.06 | 1.03             | SE                    | 4.6            | 9               | SE                    |
| 20250105.09 | 1.12             | N                     | 4.3            | 10              | E                     |
| 20250105.12 | 1.18             | NW                    | 4.3            | 10              | E                     |
| 20250105.15 | 1.18             | NW                    | 4.3            | 9               | S                     |
| 20250105.18 | 1.11             | NW                    | 4.3            | 8               | S                     |
| 20250105.21 | 1.02             | NW                    | 4.1            | 7               | SW                    |
| 20250106.00 | 0.93             | NW                    | 4.0            | 7               | SW                    |
| 20250106.03 | 0.94             | W                     | 3.7            | 8               | SW                    |
| 20250106.06 | 1.04             | W                     | 3.8            | 8               | S                     |
| 20250106.09 | 1.17             | W                     | 4.0            | 9               | S                     |
| 20250106.12 | 1.22             | W                     | 4.1            | 9               | E                     |
| 20250106.15 | 1.12             | W                     | 4.0            | 8               | E                     |
| 20250106.18 | 0.96             | W                     | 3.8            | 7               | E                     |
| 20250106.21 | 0.79             | W                     | 3.6            | 6               | S                     |
| 20250107.00 | 0.64             | W                     | 3.5            | 5               | S                     |
| 20250107.03 | 0.54             | W                     | 3.4            | 4               | SW                    |
| 20250107.06 | 0.47             | W                     | 3.2            | 4               | W                     |
| 20250107.09 | 0.43             | SW                    | 2.9            | 5               | N                     |
| 20250107.12 | 0.42             | SW                    | 2.6            | 5               | NW                    |
| 20250107.15 | 0.46             | SW                    | 2.5            | 7               | NW                    |
| 20250107.18 | 0.54             | S                     | 2.5            | 8               | NW                    |
| 20250107.21 | 0.68             | S                     | 2.7            | 10              | NW                    |
| 20250108.00 | 0.87             | SE                    | 3.1            | 11              | NW                    |
| 20250108.03 | 1.11             | SE                    | 3.5            | 11              | NW                    |
| 20250108.06 | 1.39             | SE                    | 4.0            | 12              | NW                    |
| 20250108.09 | 1.70             | SE                    | 4.5            | 12              | NW                    |
| 20250108.12 | 1.97             | SE                    | 5.0            | 12              | NW                    |
| 20250108.15 | 2.14             | SE                    | 5.3            | 12              | NW                    |
| 20250108.18 | 2.21             | SE                    | 5.4            | 12              | NW                    |
| 20250108.21 | 2.28             | SE                    | 5.5            | 12              | NW                    |
| 20250109.00 | 2.34             | SE                    | 5.6            | 12              | NW                    |
| 20250109.03 | 2.33             | SE                    | 5.6            | 12              | NW                    |
| 20250109.06 | 2.29             | SE                    | 5.6            | 12              | NW                    |
| 20250109.09 | 2.18             | SE                    | 5.5            | 11              | NW                    |
| 20250109.12 | 1.98             | SE                    | 5.4            | 10              | NW                    |



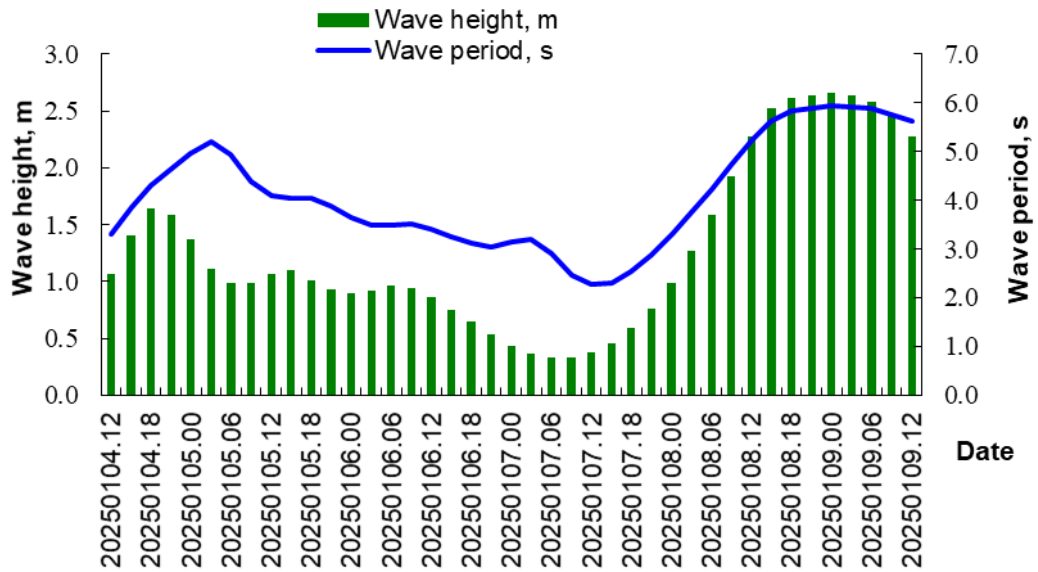


| Date time   | Fetisovo       |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250104.12 | 0.74           | SE                    | 2.8            | 8               | NW                    |
| 20250104.15 | 0.97           | SE                    | 3.4            | 7               | NW                    |
| 20250104.18 | 1.18           | SE                    | 3.9            | 7               | NW                    |
| 20250104.21 | 1.22           | SE                    | 4.4            | 7               | NW                    |
| 20250105.00 | 1.21           | SE                    | 4.6            | 7               | NW                    |
| 20250105.03 | 1.13           | SE                    | 4.8            | 5               | NW                    |
| 20250105.06 | 1.02           | SE                    | 4.8            | 4               | W                     |
| 20250105.09 | 0.92           | SE                    | 4.6            | 4               | W                     |
| 20250105.12 | 0.85           | E                     | 4.5            | 7               | E                     |
| 20250105.15 | 0.83           | NE                    | 4.4            | 5               | S                     |
| 20250105.18 | 0.82           | N                     | 4.6            | 4               | S                     |
| 20250105.21 | 0.80           | N                     | 4.7            | 5               | SW                    |
| 20250106.00 | 0.78           | N                     | 4.5            | 5               | SW                    |
| 20250106.03 | 0.76           | NW                    | 4.1            | 5               | SW                    |
| 20250106.06 | 0.73           | NW                    | 3.9            | 4               | SW                    |
| 20250106.09 | 0.75           | W                     | 3.6            | 6               | S                     |
| 20250106.12 | 0.86           | W                     | 3.5            | 8               | E                     |
| 20250106.15 | 0.96           | W                     | 3.8            | 7               | E                     |
| 20250106.18 | 0.95           | NW                    | 3.9            | 6               | E                     |
| 20250106.21 | 0.86           | NW                    | 3.9            | 5               | S                     |
| 20250107.00 | 0.74           | W                     | 3.9            | 4               | S                     |
| 20250107.03 | 0.63           | W                     | 3.7            | 4               | SW                    |
| 20250107.06 | 0.55           | W                     | 3.5            | 4               | SW                    |
| 20250107.09 | 0.51           | W                     | 3.2            | 5               | W                     |
| 20250107.12 | 0.48           | W                     | 2.9            | 5               | N                     |
| 20250107.15 | 0.48           | SW                    | 2.7            | 6               | N                     |
| 20250107.18 | 0.51           | SW                    | 2.6            | 6               | N                     |
| 20250107.21 | 0.59           | S                     | 2.7            | 7               | NW                    |
| 20250108.00 | 0.72           | S                     | 2.9            | 9               | NW                    |
| 20250108.03 | 0.92           | SE                    | 3.3            | 9               | NW                    |
| 20250108.06 | 1.16           | SE                    | 3.8            | 10              | NW                    |
| 20250108.09 | 1.39           | SE                    | 4.2            | 10              | NW                    |
| 20250108.12 | 1.56           | SE                    | 4.6            | 10              | NW                    |
| 20250108.15 | 1.68           | SE                    | 4.9            | 10              | NW                    |
| 20250108.18 | 1.86           | SE                    | 5.2            | 10              | NW                    |
| 20250108.21 | 1.95           | SE                    | 5.4            | 10              | NW                    |
| 20250109.00 | 1.92           | SE                    | 5.4            | 10              | NW                    |
| 20250109.03 | 1.90           | SE                    | 5.3            | 10              | NW                    |
| 20250109.06 | 1.93           | SE                    | 5.3            | 11              | NW                    |
| 20250109.09 | 1.86           | SE                    | 5.3            | 10              | NW                    |
| 20250109.12 | 1.65           | SE                    | 5.1            | 9               | N                     |

Wind condition in the Saura

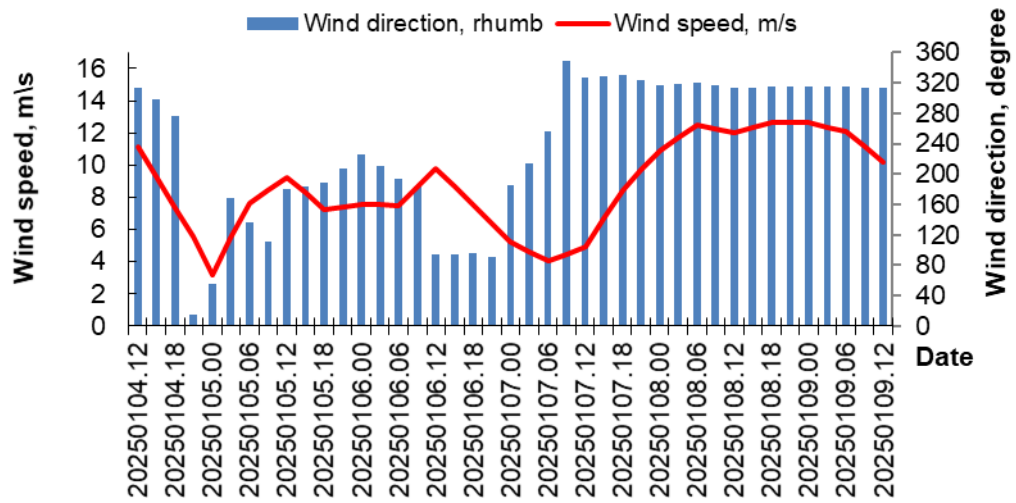


Wave condition in the Saura

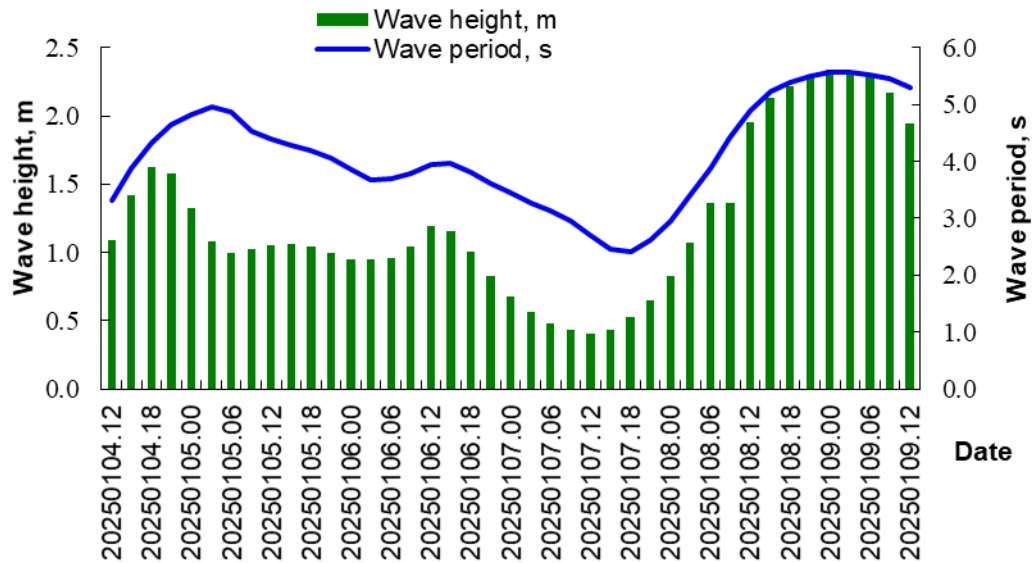


| Date time   | Saura          |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250104.12 | 1.09           | SE                    | 3.3            | 11              | NW                    |
| 20250104.15 | 1.41           | SE                    | 3.9            | 9               | NW                    |
| 20250104.18 | 1.62           | SE                    | 4.3            | 7               | W                     |
| 20250104.21 | 1.58           | SE                    | 4.6            | 6               | N                     |
| 20250105.00 | 1.32           | SE                    | 4.8            | 3               | NE                    |
| 20250105.03 | 1.08           | SE                    | 5.0            | 6               | S                     |
| 20250105.06 | 1.00           | SE                    | 4.9            | 8               | SE                    |
| 20250105.09 | 1.02           | E                     | 4.5            | 8               | E                     |
| 20250105.12 | 1.05           | N                     | 4.4            | 9               | S                     |
| 20250105.15 | 1.06           | NW                    | 4.3            | 8               | S                     |
| 20250105.18 | 1.04           | NW                    | 4.2            | 7               | S                     |
| 20250105.21 | 1.00           | NW                    | 4.0            | 7               | SW                    |
| 20250106.00 | 0.95           | NW                    | 3.9            | 8               | SW                    |
| 20250106.03 | 0.95           | W                     | 3.7            | 8               | SW                    |
| 20250106.06 | 0.95           | W                     | 3.7            | 7               | S                     |
| 20250106.09 | 1.05           | W                     | 3.8            | 9               | S                     |
| 20250106.12 | 1.19           | W                     | 3.9            | 10              | E                     |
| 20250106.15 | 1.15           | W                     | 4.0            | 9               | E                     |
| 20250106.18 | 1.00           | W                     | 3.8            | 8               | E                     |
| 20250106.21 | 0.83           | W                     | 3.6            | 6               | E                     |
| 20250107.00 | 0.68           | W                     | 3.4            | 5               | S                     |
| 20250107.03 | 0.56           | W                     | 3.3            | 5               | SW                    |
| 20250107.06 | 0.48           | W                     | 3.1            | 4               | W                     |
| 20250107.09 | 0.43           | W                     | 3.0            | 4               | N                     |
| 20250107.12 | 0.40           | SW                    | 2.7            | 5               | NW                    |
| 20250107.15 | 0.43           | SW                    | 2.4            | 7               | NW                    |
| 20250107.18 | 0.52           | S                     | 2.4            | 8               | NW                    |
| 20250107.21 | 0.65           | S                     | 2.6            | 10              | NW                    |
| 20250108.00 | 0.83           | SE                    | 3.0            | 11              | NW                    |
| 20250108.03 | 1.07           | SE                    | 3.4            | 12              | NW                    |
| 20250108.06 | 1.37           | SE                    | 3.9            | 12              | NW                    |
| 20250108.09 | 1.37           | SE                    | 4.4            | 12              | NW                    |
| 20250108.12 | 1.95           | SE                    | 4.9            | 12              | NW                    |
| 20250108.15 | 2.13           | SE                    | 5.2            | 12              | NW                    |
| 20250108.18 | 2.22           | SE                    | 5.4            | 13              | NW                    |
| 20250108.21 | 2.29           | SE                    | 5.5            | 13              | NW                    |
| 20250109.00 | 2.34           | SE                    | 5.6            | 13              | NW                    |
| 20250109.03 | 2.33           | SE                    | 5.6            | 12              | NW                    |
| 20250109.06 | 2.29           | SE                    | 5.5            | 12              | NW                    |
| 20250109.09 | 2.17           | SE                    | 5.4            | 11              | NW                    |
| 20250109.12 | 1.94           | SE                    | 5.3            | 10              | NW                    |

### Wind condition in the Kuryik



### Wave condition in the Kuryik



| Date time   | Kuryik         |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250104.12 | 1.09           | SE                    | 3.3            | 11              | NW                    |
| 20250104.15 | 1.41           | SE                    | 3.9            | 9               | NW                    |
| 20250104.18 | 1.62           | SE                    | 4.3            | 7               | W                     |
| 20250104.21 | 1.58           | SE                    | 4.6            | 6               | N                     |
| 20250105.00 | 1.32           | SE                    | 4.8            | 3               | NE                    |
| 20250105.03 | 1.08           | SE                    | 5.0            | 6               | S                     |
| 20250105.06 | 1.00           | SE                    | 4.9            | 8               | SE                    |
| 20250105.09 | 1.02           | E                     | 4.5            | 8               | E                     |
| 20250105.12 | 1.05           | N                     | 4.4            | 9               | S                     |
| 20250105.15 | 1.06           | NW                    | 4.3            | 8               | S                     |
| 20250105.18 | 1.04           | NW                    | 4.2            | 7               | S                     |
| 20250105.21 | 1.00           | NW                    | 4.0            | 7               | SW                    |
| 20250106.00 | 0.95           | NW                    | 3.9            | 8               | SW                    |
| 20250106.03 | 0.95           | W                     | 3.7            | 8               | SW                    |
| 20250106.06 | 0.95           | W                     | 3.7            | 7               | S                     |
| 20250106.09 | 1.05           | W                     | 3.8            | 9               | S                     |
| 20250106.12 | 1.19           | W                     | 3.9            | 10              | E                     |
| 20250106.15 | 1.15           | W                     | 4.0            | 9               | E                     |
| 20250106.18 | 1.00           | W                     | 3.8            | 8               | E                     |
| 20250106.21 | 0.83           | W                     | 3.6            | 6               | E                     |
| 20250107.00 | 0.68           | W                     | 3.4            | 5               | S                     |
| 20250107.03 | 0.56           | W                     | 3.3            | 5               | SW                    |
| 20250107.06 | 0.48           | W                     | 3.1            | 4               | W                     |
| 20250107.09 | 0.43           | W                     | 3.0            | 4               | N                     |
| 20250107.12 | 0.40           | SW                    | 2.7            | 5               | NW                    |
| 20250107.15 | 0.43           | SW                    | 2.4            | 7               | NW                    |
| 20250107.18 | 0.52           | S                     | 2.4            | 8               | NW                    |
| 20250107.21 | 0.65           | S                     | 2.6            | 10              | NW                    |
| 20250108.00 | 0.83           | SE                    | 3.0            | 11              | NW                    |
| 20250108.03 | 1.07           | SE                    | 3.4            | 12              | NW                    |
| 20250108.06 | 1.37           | SE                    | 3.9            | 12              | NW                    |
| 20250108.09 | 1.37           | SE                    | 4.4            | 12              | NW                    |
| 20250108.12 | 1.95           | SE                    | 4.9            | 12              | NW                    |
| 20250108.15 | 2.13           | SE                    | 5.2            | 12              | NW                    |
| 20250108.18 | 2.22           | SE                    | 5.4            | 13              | NW                    |
| 20250108.21 | 2.29           | SE                    | 5.5            | 13              | NW                    |
| 20250109.00 | 2.34           | SE                    | 5.6            | 13              | NW                    |
| 20250109.03 | 2.33           | SE                    | 5.6            | 12              | NW                    |
| 20250109.06 | 2.29           | SE                    | 5.5            | 12              | NW                    |
| 20250109.09 | 2.17           | SE                    | 5.4            | 11              | NW                    |
| 20250109.12 | 1.94           | SE                    | 5.3            | 10              | NW                    |

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

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