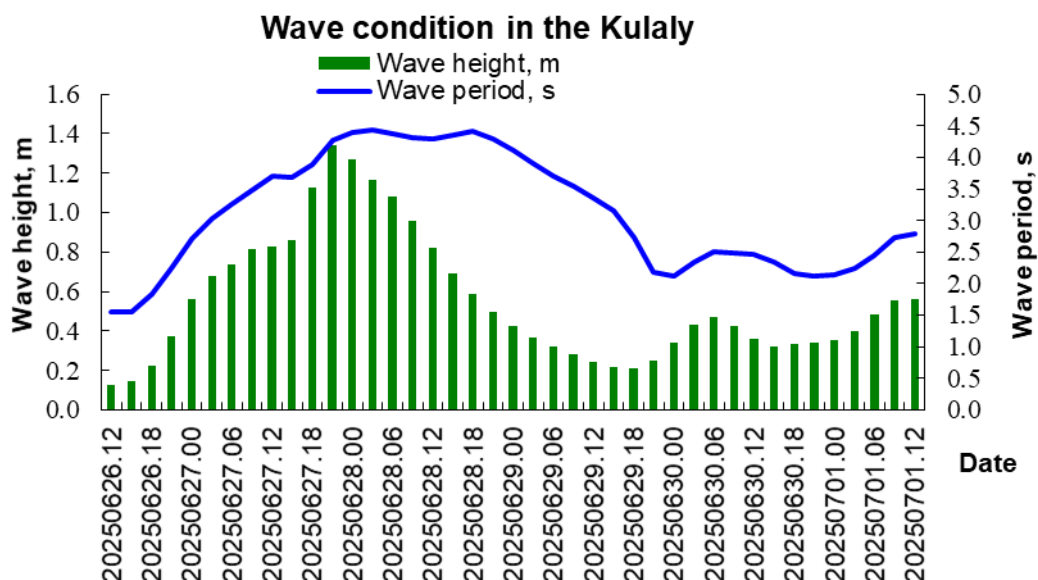
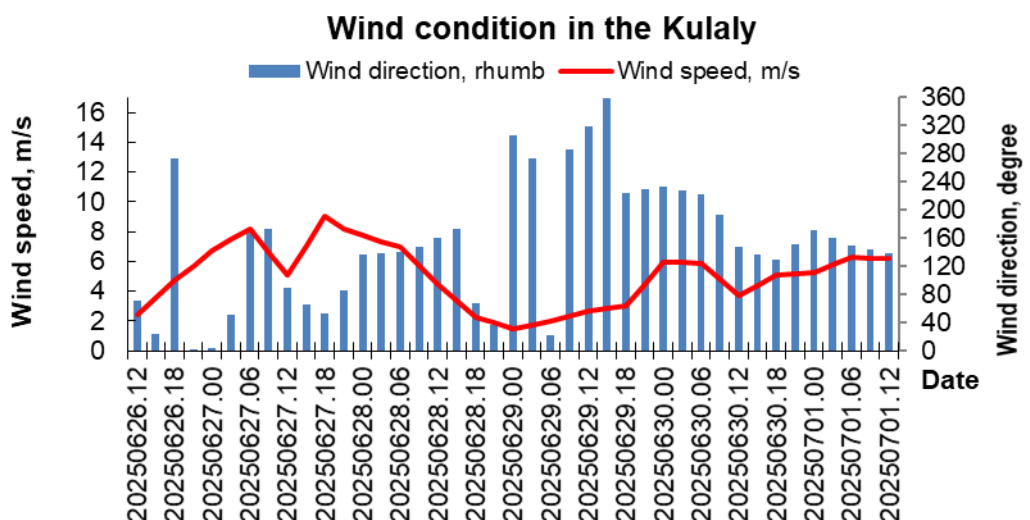




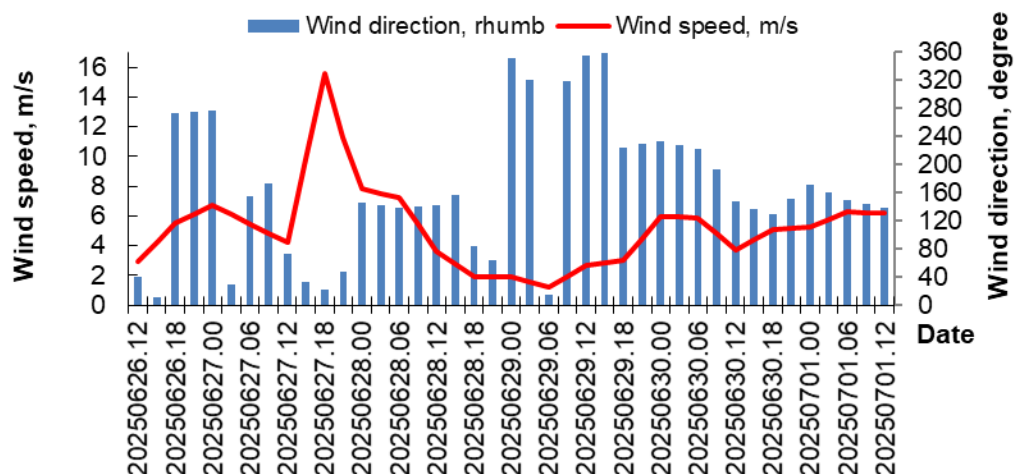
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES  
OF THE REPUBLIC OF KAZAKHSTAN  
RSE «KAZHYDROMET»**

**Wave and wind forecast for the Kazakhstan part of the Caspian Sea with a 5-day advance  
using SWAN spectral model for the period June 26 – July 1, 2025.**

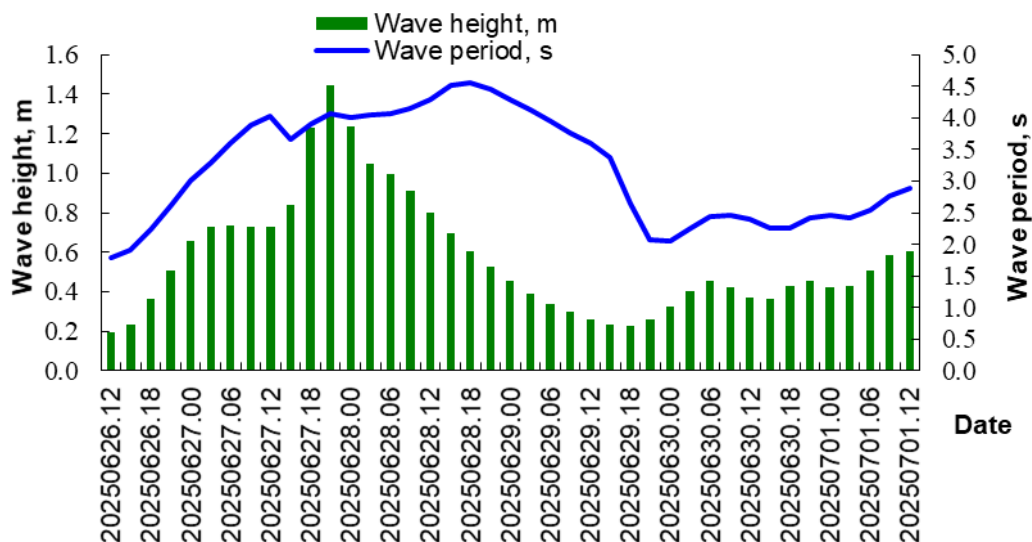


| Date time   | Kulaly         |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250626.12 | 0.13           | N                     | 1.5            | 2               | E                     |
| 20250626.15 | 0.15           | N                     | 1.6            | 4               | NE                    |
| 20250626.18 | 0.22           | E                     | 1.8            | 5               | W                     |
| 20250626.21 | 0.37           | E                     | 2.2            | 6               | N                     |
| 20250627.00 | 0.56           | E                     | 2.7            | 7               | N                     |
| 20250627.03 | 0.68           | E                     | 3.0            | 7               | NE                    |
| 20250627.06 | 0.74           | E                     | 3.3            | 8               | S                     |
| 20250627.09 | 0.81           | NE                    | 3.5            | 7               | S                     |
| 20250627.12 | 0.83           | NE                    | 3.7            | 5               | E                     |
| 20250627.15 | 0.86           | NE                    | 3.7            | 7               | NE                    |
| 20250627.18 | 1.13           | NE                    | 3.9            | 9               | NE                    |
| 20250627.21 | 1.34           | NE                    | 4.3            | 8               | E                     |
| 20250628.00 | 1.27           | NE                    | 4.4            | 8               | SE                    |
| 20250628.03 | 1.17           | N                     | 4.4            | 7               | SE                    |
| 20250628.06 | 1.08           | NW                    | 4.4            | 7               | SE                    |
| 20250628.09 | 0.96           | NW                    | 4.3            | 6               | SE                    |
| 20250628.12 | 0.82           | NW                    | 4.3            | 4               | S                     |
| 20250628.15 | 0.69           | NW                    | 4.4            | 3               | S                     |
| 20250628.18 | 0.59           | NW                    | 4.4            | 2               | NE                    |
| 20250628.21 | 0.50           | NW                    | 4.3            | 2               | NE                    |
| 20250629.00 | 0.43           | NW                    | 4.1            | 1               | NW                    |
| 20250629.03 | 0.37           | NW                    | 3.9            | 2               | W                     |
| 20250629.06 | 0.32           | NW                    | 3.7            | 2               | N                     |
| 20250629.09 | 0.28           | NW                    | 3.5            | 2               | W                     |
| 20250629.12 | 0.24           | NW                    | 3.4            | 3               | NW                    |
| 20250629.15 | 0.22           | NW                    | 3.2            | 3               | N                     |
| 20250629.18 | 0.21           | NW                    | 2.7            | 3               | SW                    |
| 20250629.21 | 0.25           | W                     | 2.2            | 4               | SW                    |
| 20250630.00 | 0.34           | SW                    | 2.1            | 6               | SW                    |
| 20250630.03 | 0.43           | SW                    | 2.3            | 6               | SW                    |
| 20250630.06 | 0.47           | SW                    | 2.5            | 6               | SW                    |
| 20250630.09 | 0.42           | SW                    | 2.5            | 5               | S                     |
| 20250630.12 | 0.36           | SW                    | 2.5            | 4               | SE                    |
| 20250630.15 | 0.32           | W                     | 2.3            | 4               | SE                    |
| 20250630.18 | 0.33           | W                     | 2.2            | 5               | SE                    |
| 20250630.21 | 0.34           | NW                    | 2.1            | 5               | SE                    |
| 20250701.00 | 0.35           | NW                    | 2.1            | 5               | S                     |
| 20250701.03 | 0.40           | NW                    | 2.2            | 6               | S                     |
| 20250701.06 | 0.48           | NW                    | 2.4            | 6               | SE                    |
| 20250701.09 | 0.56           | NW                    | 2.7            | 6               | SE                    |
| 20250701.12 | 0.56           | NW                    | 2.8            | 6               | SE                    |

### Wind condition in the Fort-Shevchenko

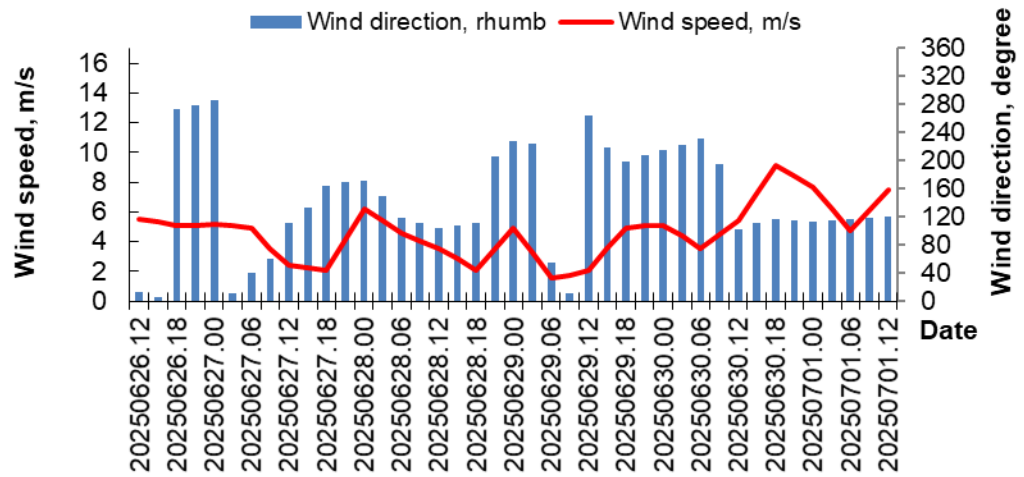


### Wave condition in the Fort-Shevchenko

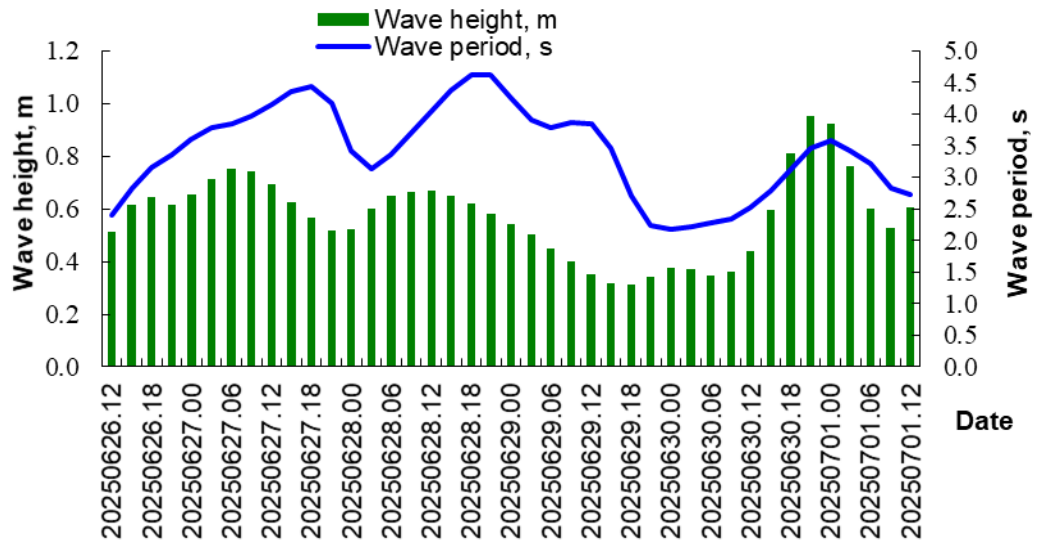


| Date time   | Fort-Shevchenko |                       |                |                 |                       |
|-------------|-----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m  | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250626.12 | 0.19            | NE                    | 1.8            | 3               | NE                    |
| 20250626.15 | 0.23            | E                     | 1.9            | 4               | N                     |
| 20250626.18 | 0.36            | E                     | 2.2            | 6               | W                     |
| 20250626.21 | 0.51            | E                     | 2.6            | 6               | W                     |
| 20250627.00 | 0.66            | E                     | 3.0            | 7               | W                     |
| 20250627.03 | 0.73            | E                     | 3.3            | 6               | NE                    |
| 20250627.06 | 0.74            | E                     | 3.6            | 5               | SE                    |
| 20250627.09 | 0.73            | E                     | 3.9            | 5               | S                     |
| 20250627.12 | 0.73            | E                     | 4.0            | 4               | E                     |
| 20250627.15 | 0.84            | NE                    | 3.7            | 10              | NE                    |
| 20250627.18 | 1.23            | E                     | 3.9            | 16              | N                     |
| 20250627.21 | 1.44            | E                     | 4.1            | 11              | NE                    |
| 20250628.00 | 1.24            | NE                    | 4.0            | 8               | SE                    |
| 20250628.03 | 1.05            | N                     | 4.0            | 8               | SE                    |
| 20250628.06 | 1.00            | NW                    | 4.1            | 7               | SE                    |
| 20250628.09 | 0.91            | NW                    | 4.1            | 5               | SE                    |
| 20250628.12 | 0.80            | NW                    | 4.3            | 4               | SE                    |
| 20250628.15 | 0.70            | NW                    | 4.5            | 3               | SE                    |
| 20250628.18 | 0.60            | NW                    | 4.6            | 2               | E                     |
| 20250628.21 | 0.52            | NW                    | 4.4            | 2               | NE                    |
| 20250629.00 | 0.45            | NW                    | 4.3            | 2               | N                     |
| 20250629.03 | 0.39            | NW                    | 4.1            | 2               | NW                    |
| 20250629.06 | 0.34            | NW                    | 3.9            | 1               | N                     |
| 20250629.09 | 0.30            | NW                    | 3.8            | 2               | NW                    |
| 20250629.12 | 0.26            | NW                    | 3.6            | 3               | N                     |
| 20250629.15 | 0.23            | NW                    | 3.4            | 3               | N                     |
| 20250629.18 | 0.22            | NW                    | 2.6            | 3               | SW                    |
| 20250629.21 | 0.26            | W                     | 2.1            | 4               | SW                    |
| 20250630.00 | 0.33            | W                     | 2.1            | 6               | SW                    |
| 20250630.03 | 0.41            | SW                    | 2.3            | 6               | SW                    |
| 20250630.06 | 0.46            | SW                    | 2.4            | 6               | SW                    |
| 20250630.09 | 0.43            | SW                    | 2.5            | 5               | S                     |
| 20250630.12 | 0.37            | W                     | 2.4            | 4               | SE                    |
| 20250630.15 | 0.37            | W                     | 2.3            | 4               | SE                    |
| 20250630.18 | 0.43            | W                     | 2.3            | 5               | SE                    |
| 20250630.21 | 0.45            | W                     | 2.4            | 5               | SE                    |
| 20250701.00 | 0.42            | NW                    | 2.5            | 5               | S                     |
| 20250701.03 | 0.43            | NW                    | 2.4            | 6               | S                     |
| 20250701.06 | 0.51            | NW                    | 2.5            | 6               | SE                    |
| 20250701.09 | 0.58            | NW                    | 2.8            | 6               | SE                    |
| 20250701.12 | 0.61            | NW                    | 2.9            | 6               | SE                    |

### Wind condition in the Aktau

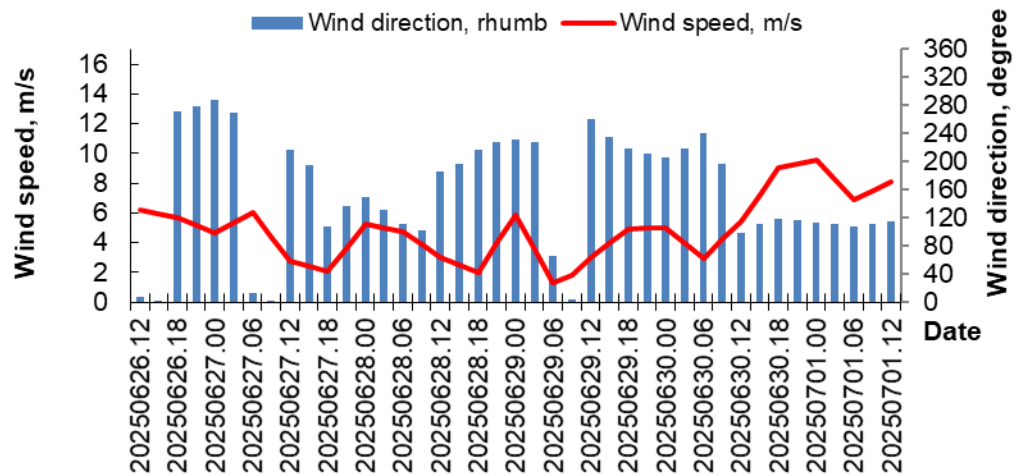


### Wave condition in the Aktau

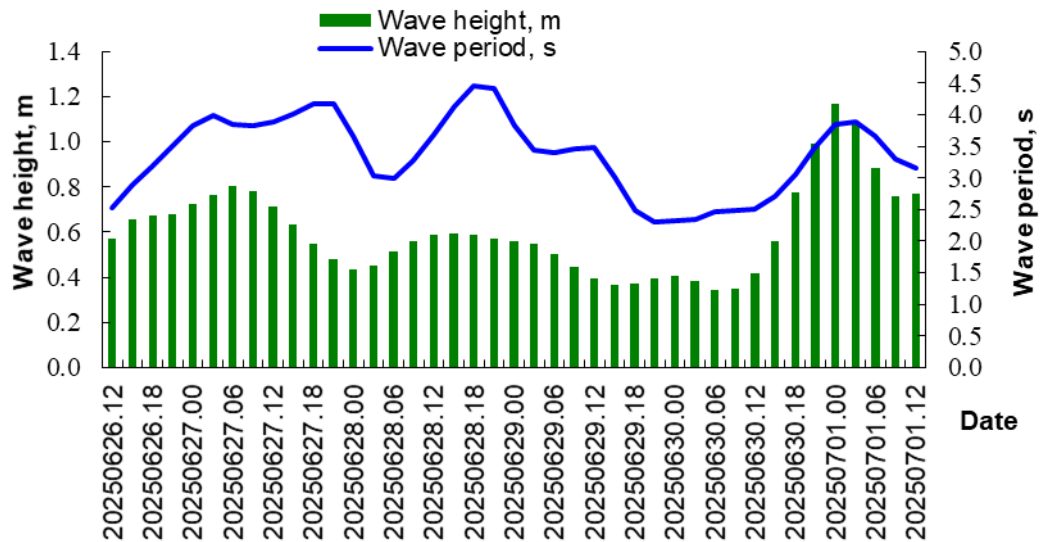


| Date time   | Aktau          |                         |                |                     |                |
|-------------|----------------|-------------------------|----------------|---------------------|----------------|
|             | Wave height, m | Направление волны, румб | Wave height, m | Скорость ветра, м/с | Wave height, m |
| 20250626.12 | 0.51           | E                       | 2.4            | 6                   | N              |
| 20250626.15 | 0.62           | E                       | 2.8            | 5                   | N              |
| 20250626.18 | 0.64           | E                       | 3.2            | 5                   | W              |
| 20250626.21 | 0.61           | E                       | 3.4            | 5                   | W              |
| 20250627.00 | 0.66           | E                       | 3.6            | 5                   | W              |
| 20250627.03 | 0.71           | E                       | 3.8            | 5                   | N              |
| 20250627.06 | 0.75           | E                       | 3.8            | 5                   | NE             |
| 20250627.09 | 0.74           | E                       | 4.0            | 4                   | NE             |
| 20250627.12 | 0.69           | E                       | 4.1            | 2                   | E              |
| 20250627.15 | 0.63           | E                       | 4.4            | 2                   | SE             |
| 20250627.18 | 0.56           | NE                      | 4.4            | 2                   | S              |
| 20250627.21 | 0.52           | NE                      | 4.2            | 4                   | S              |
| 20250628.00 | 0.52           | NE                      | 3.4            | 6                   | S              |
| 20250628.03 | 0.60           | N                       | 3.1            | 5                   | SE             |
| 20250628.06 | 0.65           | NW                      | 3.4            | 5                   | SE             |
| 20250628.09 | 0.67           | NW                      | 3.7            | 4                   | E              |
| 20250628.12 | 0.67           | NW                      | 4.0            | 4                   | E              |
| 20250628.15 | 0.65           | NW                      | 4.4            | 3                   | E              |
| 20250628.18 | 0.62           | NW                      | 4.6            | 2                   | E              |
| 20250628.21 | 0.58           | NW                      | 4.6            | 4                   | SW             |
| 20250629.00 | 0.54           | NW                      | 4.2            | 5                   | SW             |
| 20250629.03 | 0.50           | NW                      | 3.9            | 3                   | SW             |
| 20250629.06 | 0.45           | NW                      | 3.8            | 2                   | NE             |
| 20250629.09 | 0.40           | NW                      | 3.9            | 2                   | N              |
| 20250629.12 | 0.35           | NW                      | 3.8            | 2                   | W              |
| 20250629.15 | 0.32           | NW                      | 3.5            | 4                   | SW             |
| 20250629.18 | 0.31           | W                       | 2.7            | 5                   | S              |
| 20250629.21 | 0.34           | W                       | 2.2            | 5                   | SW             |
| 20250630.00 | 0.38           | W                       | 2.2            | 5                   | SW             |
| 20250630.03 | 0.37           | W                       | 2.2            | 4                   | SW             |
| 20250630.06 | 0.34           | W                       | 2.3            | 4                   | SW             |
| 20250630.09 | 0.36           | W                       | 2.3            | 5                   | S              |
| 20250630.12 | 0.44           | W                       | 2.5            | 5                   | E              |
| 20250630.15 | 0.60           | W                       | 2.8            | 7                   | E              |
| 20250630.18 | 0.81           | W                       | 3.1            | 9                   | SE             |
| 20250630.21 | 0.95           | W                       | 3.5            | 8                   | SE             |
| 20250701.00 | 0.92           | W                       | 3.6            | 8                   | SE             |
| 20250701.03 | 0.76           | W                       | 3.4            | 6                   | SE             |
| 20250701.06 | 0.60           | W                       | 3.2            | 5                   | SE             |
| 20250701.09 | 0.53           | NW                      | 2.8            | 6                   | SE             |
| 20250701.12 | 0.61           | NW                      | 2.7            | 8                   | SE             |

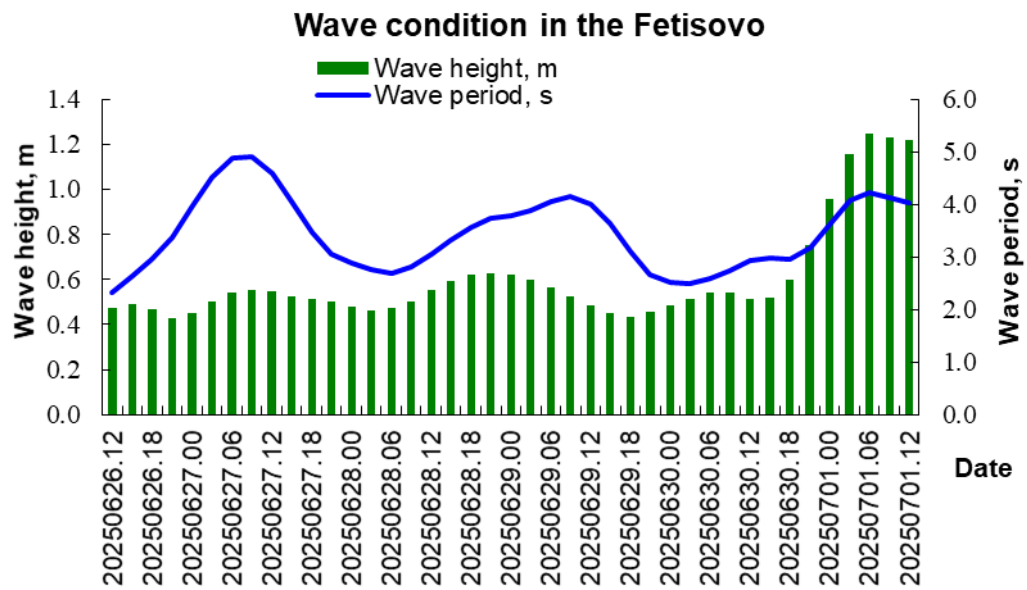
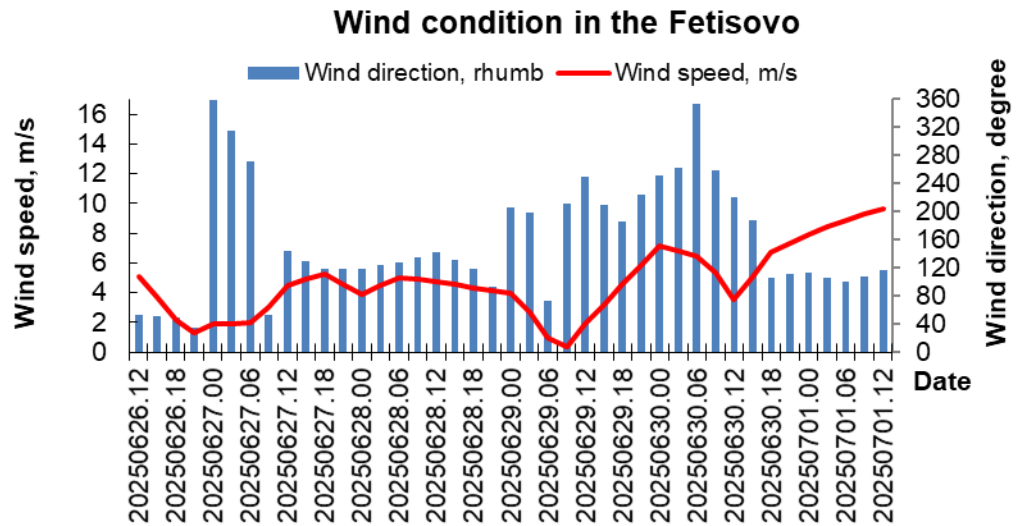
### Wind condition in the Peschanyi



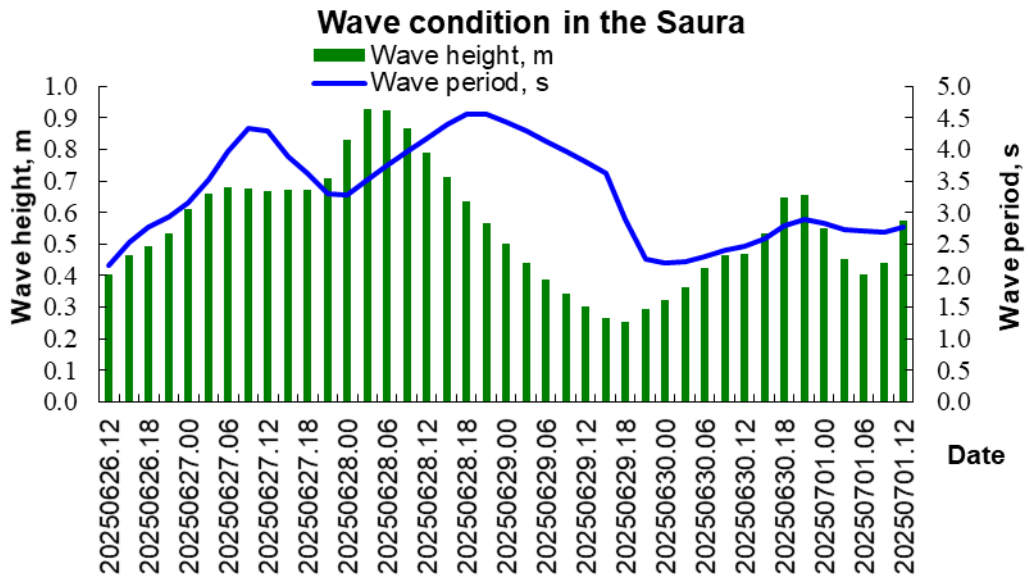
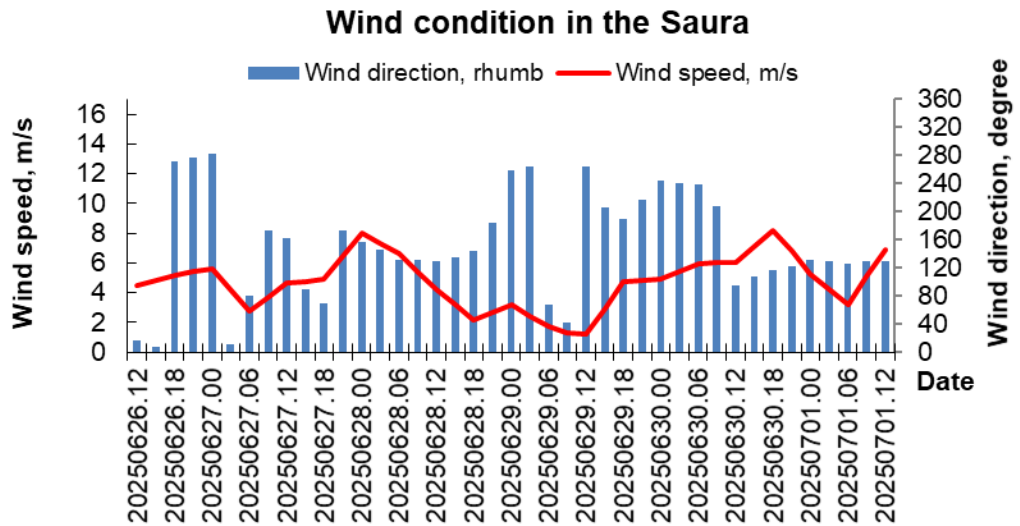
### Wave condition in the Peschanyi



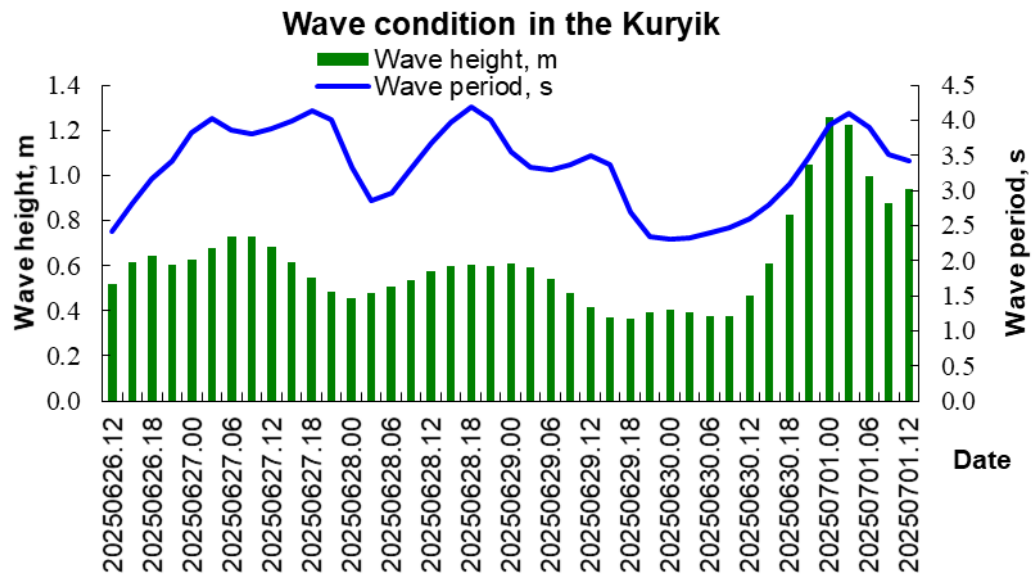
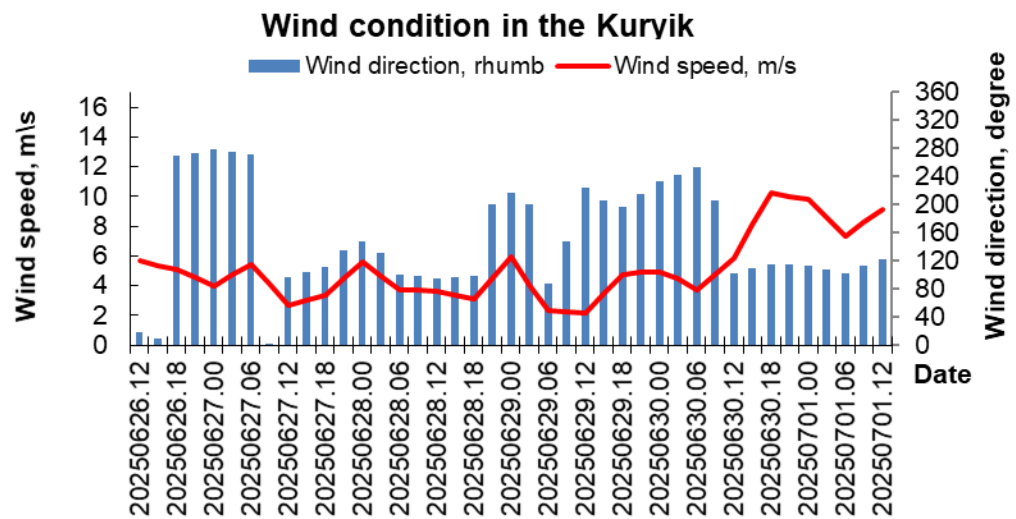
| Date time   | Peschanyi (Isan) |                       |                |                 |                       |
|-------------|------------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m   | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250626.12 | 0.57             | E                     | 2.5            | 6               | N                     |
| 20250626.15 | 0.66             | E                     | 2.9            | 6               | N                     |
| 20250626.18 | 0.67             | E                     | 3.2            | 6               | W                     |
| 20250626.21 | 0.68             | E                     | 3.5            | 5               | W                     |
| 20250627.00 | 0.72             | E                     | 3.8            | 5               | W                     |
| 20250627.03 | 0.76             | E                     | 4.0            | 5               | W                     |
| 20250627.06 | 0.80             | E                     | 3.9            | 6               | N                     |
| 20250627.09 | 0.78             | E                     | 3.8            | 4               | N                     |
| 20250627.12 | 0.71             | NE                    | 3.9            | 3               | SW                    |
| 20250627.15 | 0.63             | NE                    | 4.0            | 2               | S                     |
| 20250627.18 | 0.55             | NE                    | 4.2            | 2               | E                     |
| 20250627.21 | 0.48             | NE                    | 4.2            | 4               | SE                    |
| 20250628.00 | 0.43             | NE                    | 3.7            | 5               | SE                    |
| 20250628.03 | 0.45             | N                     | 3.0            | 5               | SE                    |
| 20250628.06 | 0.51             | NW                    | 3.0            | 5               | E                     |
| 20250628.09 | 0.56             | NW                    | 3.3            | 4               | E                     |
| 20250628.12 | 0.59             | NW                    | 3.7            | 3               | S                     |
| 20250628.15 | 0.60             | NW                    | 4.1            | 3               | S                     |
| 20250628.18 | 0.59             | NW                    | 4.5            | 2               | SW                    |
| 20250628.21 | 0.57             | NW                    | 4.4            | 4               | SW                    |
| 20250629.00 | 0.56             | NW                    | 3.8            | 6               | SW                    |
| 20250629.03 | 0.55             | W                     | 3.4            | 4               | SW                    |
| 20250629.06 | 0.50             | W                     | 3.4            | 1               | NE                    |
| 20250629.09 | 0.45             | W                     | 3.5            | 2               | N                     |
| 20250629.12 | 0.40             | W                     | 3.5            | 3               | W                     |
| 20250629.15 | 0.36             | W                     | 3.0            | 4               | SW                    |
| 20250629.18 | 0.37             | W                     | 2.5            | 5               | SW                    |
| 20250629.21 | 0.40             | W                     | 2.3            | 5               | SW                    |
| 20250630.00 | 0.41             | W                     | 2.3            | 5               | SW                    |
| 20250630.03 | 0.38             | W                     | 2.3            | 4               | SW                    |
| 20250630.06 | 0.35             | W                     | 2.5            | 3               | SW                    |
| 20250630.09 | 0.35             | SW                    | 2.5            | 4               | S                     |
| 20250630.12 | 0.42             | SW                    | 2.5            | 5               | E                     |
| 20250630.15 | 0.56             | W                     | 2.7            | 7               | E                     |
| 20250630.18 | 0.77             | W                     | 3.1            | 9               | SE                    |
| 20250630.21 | 0.99             | W                     | 3.5            | 9               | SE                    |
| 20250701.00 | 1.17             | W                     | 3.9            | 10              | SE                    |
| 20250701.03 | 1.09             | W                     | 3.9            | 8               | E                     |
| 20250701.06 | 0.88             | W                     | 3.7            | 7               | E                     |
| 20250701.09 | 0.76             | W                     | 3.3            | 8               | E                     |
| 20250701.12 | 0.77             | W                     | 3.2            | 8               | SE                    |



| Date time   | Fetisovo       |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250626.12 | 0.47           | NE                    | 2.3            | 5               | NE                    |
| 20250626.15 | 0.49           | NE                    | 2.6            | 4               | NE                    |
| 20250626.18 | 0.47           | NE                    | 3.0            | 2               | NE                    |
| 20250626.21 | 0.43           | NE                    | 3.4            | 1               | NE                    |
| 20250627.00 | 0.45           | NE                    | 4.0            | 2               | N                     |
| 20250627.03 | 0.50           | NE                    | 4.5            | 2               | NW                    |
| 20250627.06 | 0.54           | NE                    | 4.9            | 2               | W                     |
| 20250627.09 | 0.55           | NE                    | 4.9            | 3               | NE                    |
| 20250627.12 | 0.54           | NE                    | 4.6            | 5               | SE                    |
| 20250627.15 | 0.53           | NE                    | 4.0            | 5               | SE                    |
| 20250627.18 | 0.51           | NE                    | 3.5            | 5               | SE                    |
| 20250627.21 | 0.50           | NE                    | 3.1            | 5               | SE                    |
| 20250628.00 | 0.48           | N                     | 2.9            | 4               | SE                    |
| 20250628.03 | 0.46           | N                     | 2.8            | 4               | SE                    |
| 20250628.06 | 0.47           | NW                    | 2.7            | 5               | SE                    |
| 20250628.09 | 0.50           | NW                    | 2.8            | 5               | SE                    |
| 20250628.12 | 0.55           | NW                    | 3.0            | 5               | SE                    |
| 20250628.15 | 0.59           | NW                    | 3.3            | 5               | SE                    |
| 20250628.18 | 0.62           | NW                    | 3.6            | 4               | SE                    |
| 20250628.21 | 0.63           | NW                    | 3.7            | 4               | E                     |
| 20250629.00 | 0.62           | NW                    | 3.8            | 4               | SW                    |
| 20250629.03 | 0.60           | NW                    | 3.9            | 3               | S                     |
| 20250629.06 | 0.56           | NW                    | 4.0            | 1               | E                     |
| 20250629.09 | 0.52           | NW                    | 4.2            | 0               | SW                    |
| 20250629.12 | 0.48           | NW                    | 4.0            | 2               | W                     |
| 20250629.15 | 0.45           | NW                    | 3.6            | 3               | SW                    |
| 20250629.18 | 0.43           | NW                    | 3.1            | 5               | S                     |
| 20250629.21 | 0.45           | W                     | 2.7            | 6               | SW                    |
| 20250630.00 | 0.49           | W                     | 2.5            | 7               | W                     |
| 20250630.03 | 0.52           | SW                    | 2.5            | 7               | W                     |
| 20250630.06 | 0.54           | SW                    | 2.6            | 7               | N                     |
| 20250630.09 | 0.54           | S                     | 2.7            | 5               | W                     |
| 20250630.12 | 0.51           | S                     | 2.9            | 4               | SW                    |
| 20250630.15 | 0.52           | S                     | 3.0            | 5               | S                     |
| 20250630.18 | 0.60           | SW                    | 3.0            | 7               | E                     |
| 20250630.21 | 0.75           | W                     | 3.2            | 7               | E                     |
| 20250701.00 | 0.96           | NW                    | 3.6            | 8               | SE                    |
| 20250701.03 | 1.16           | NW                    | 4.1            | 8               | E                     |
| 20250701.06 | 1.25           | NW                    | 4.2            | 9               | E                     |
| 20250701.09 | 1.23           | NW                    | 4.1            | 9               | E                     |
| 20250701.12 | 1.22           | NW                    | 4.0            | 10              | SE                    |



| Date time   | Saura          |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250626.12 | 0.40           | E                     | 2.2            | 5               | N                     |
| 20250626.15 | 0.46           | E                     | 2.5            | 5               | N                     |
| 20250626.18 | 0.49           | E                     | 2.8            | 5               | W                     |
| 20250626.21 | 0.53           | E                     | 2.9            | 5               | W                     |
| 20250627.00 | 0.61           | E                     | 3.2            | 6               | W                     |
| 20250627.03 | 0.66           | E                     | 3.5            | 4               | N                     |
| 20250627.06 | 0.68           | E                     | 4.0            | 3               | E                     |
| 20250627.09 | 0.68           | E                     | 4.3            | 4               | S                     |
| 20250627.12 | 0.67           | E                     | 4.3            | 5               | S                     |
| 20250627.15 | 0.67           | NE                    | 3.9            | 5               | E                     |
| 20250627.18 | 0.67           | NE                    | 3.6            | 5               | E                     |
| 20250627.21 | 0.71           | NE                    | 3.3            | 6               | S                     |
| 20250628.00 | 0.83           | N                     | 3.3            | 8               | SE                    |
| 20250628.03 | 0.93           | NW                    | 3.5            | 7               | SE                    |
| 20250628.06 | 0.92           | NW                    | 3.7            | 7               | SE                    |
| 20250628.09 | 0.87           | NW                    | 4.0            | 5               | SE                    |
| 20250628.12 | 0.79           | NW                    | 4.2            | 4               | SE                    |
| 20250628.15 | 0.71           | NW                    | 4.4            | 3               | SE                    |
| 20250628.18 | 0.64           | NW                    | 4.6            | 2               | SE                    |
| 20250628.21 | 0.57           | NW                    | 4.6            | 3               | S                     |
| 20250629.00 | 0.50           | NW                    | 4.4            | 3               | W                     |
| 20250629.03 | 0.44           | NW                    | 4.3            | 2               | W                     |
| 20250629.06 | 0.39           | NW                    | 4.1            | 2               | E                     |
| 20250629.09 | 0.34           | NW                    | 4.0            | 1               | NE                    |
| 20250629.12 | 0.30           | NW                    | 3.8            | 1               | W                     |
| 20250629.15 | 0.27           | NW                    | 3.6            | 3               | SW                    |
| 20250629.18 | 0.25           | NW                    | 2.9            | 5               | S                     |
| 20250629.21 | 0.29           | W                     | 2.3            | 5               | SW                    |
| 20250630.00 | 0.32           | W                     | 2.2            | 5               | SW                    |
| 20250630.03 | 0.36           | W                     | 2.2            | 5               | SW                    |
| 20250630.06 | 0.42           | SW                    | 2.3            | 6               | SW                    |
| 20250630.09 | 0.46           | SW                    | 2.4            | 6               | SW                    |
| 20250630.12 | 0.47           | W                     | 2.5            | 6               | E                     |
| 20250630.15 | 0.53           | W                     | 2.6            | 7               | E                     |
| 20250630.18 | 0.65           | W                     | 2.8            | 8               | SE                    |
| 20250630.21 | 0.66           | W                     | 2.9            | 7               | SE                    |
| 20250701.00 | 0.55           | W                     | 2.8            | 5               | SE                    |
| 20250701.03 | 0.45           | NW                    | 2.7            | 4               | SE                    |
| 20250701.06 | 0.40           | NW                    | 2.7            | 3               | SE                    |
| 20250701.09 | 0.44           | NW                    | 2.7            | 5               | SE                    |
| 20250701.12 | 0.58           | NW                    | 2.8            | 7               | SE                    |



| Date time   | Kuryk          |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250626.12 | 0.52           | E                     | 2.4            | 6               | N                     |
| 20250626.15 | 0.62           | E                     | 2.8            | 5               | N                     |
| 20250626.18 | 0.64           | NE                    | 3.2            | 5               | W                     |
| 20250626.21 | 0.60           | NE                    | 3.4            | 5               | W                     |
| 20250627.00 | 0.63           | NE                    | 3.8            | 4               | W                     |
| 20250627.03 | 0.68           | NE                    | 4.0            | 5               | W                     |
| 20250627.06 | 0.73           | NE                    | 3.9            | 5               | W                     |
| 20250627.09 | 0.73           | NE                    | 3.8            | 4               | N                     |
| 20250627.12 | 0.68           | NE                    | 3.9            | 3               | E                     |
| 20250627.15 | 0.62           | NE                    | 4.0            | 3               | E                     |
| 20250627.18 | 0.54           | NE                    | 4.1            | 3               | E                     |
| 20250627.21 | 0.48           | NE                    | 4.0            | 4               | SE                    |
| 20250628.00 | 0.46           | NE                    | 3.3            | 6               | SE                    |
| 20250628.03 | 0.48           | N                     | 2.9            | 5               | SE                    |
| 20250628.06 | 0.51           | N                     | 3.0            | 4               | E                     |
| 20250628.09 | 0.54           | NW                    | 3.3            | 4               | E                     |
| 20250628.12 | 0.57           | NW                    | 3.7            | 4               | E                     |
| 20250628.15 | 0.60           | NW                    | 4.0            | 3               | E                     |
| 20250628.18 | 0.60           | NW                    | 4.2            | 3               | E                     |
| 20250628.21 | 0.60           | NW                    | 4.0            | 5               | S                     |
| 20250629.00 | 0.61           | NW                    | 3.5            | 6               | SW                    |
| 20250629.03 | 0.59           | W                     | 3.3            | 4               | S                     |
| 20250629.06 | 0.54           | W                     | 3.3            | 2               | E                     |
| 20250629.09 | 0.48           | NW                    | 3.4            | 2               | SE                    |
| 20250629.12 | 0.42           | NW                    | 3.5            | 2               | SW                    |
| 20250629.15 | 0.37           | NW                    | 3.4            | 3               | SW                    |
| 20250629.18 | 0.37           | W                     | 2.7            | 5               | S                     |
| 20250629.21 | 0.39           | W                     | 2.3            | 5               | SW                    |
| 20250630.00 | 0.40           | W                     | 2.3            | 5               | SW                    |
| 20250630.03 | 0.39           | W                     | 2.3            | 4               | SW                    |
| 20250630.06 | 0.37           | SW                    | 2.4            | 4               | W                     |
| 20250630.09 | 0.37           | SW                    | 2.5            | 5               | SW                    |
| 20250630.12 | 0.47           | SW                    | 2.6            | 6               | E                     |
| 20250630.15 | 0.61           | W                     | 2.8            | 8               | E                     |
| 20250630.18 | 0.83           | W                     | 3.1            | 10              | SE                    |
| 20250630.21 | 1.05           | W                     | 3.5            | 10              | SE                    |
| 20250701.00 | 1.26           | NW                    | 3.9            | 10              | SE                    |
| 20250701.03 | 1.22           | NW                    | 4.1            | 9               | E                     |
| 20250701.06 | 1.00           | W                     | 3.9            | 7               | E                     |
| 20250701.09 | 0.88           | W                     | 3.5            | 8               | SE                    |
| 20250701.12 | 0.94           | NW                    | 3.4            | 9               | SE                    |

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

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