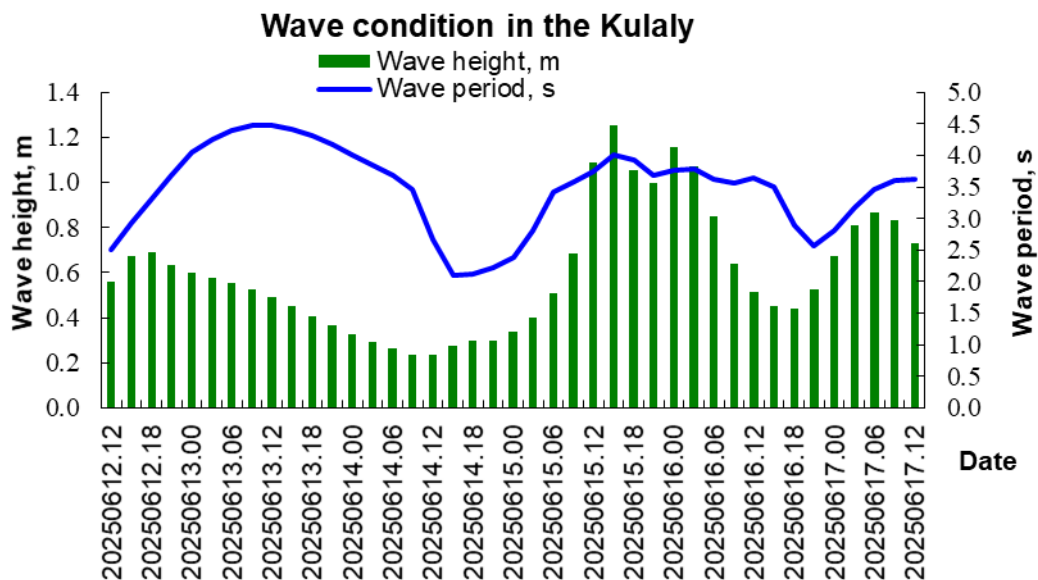
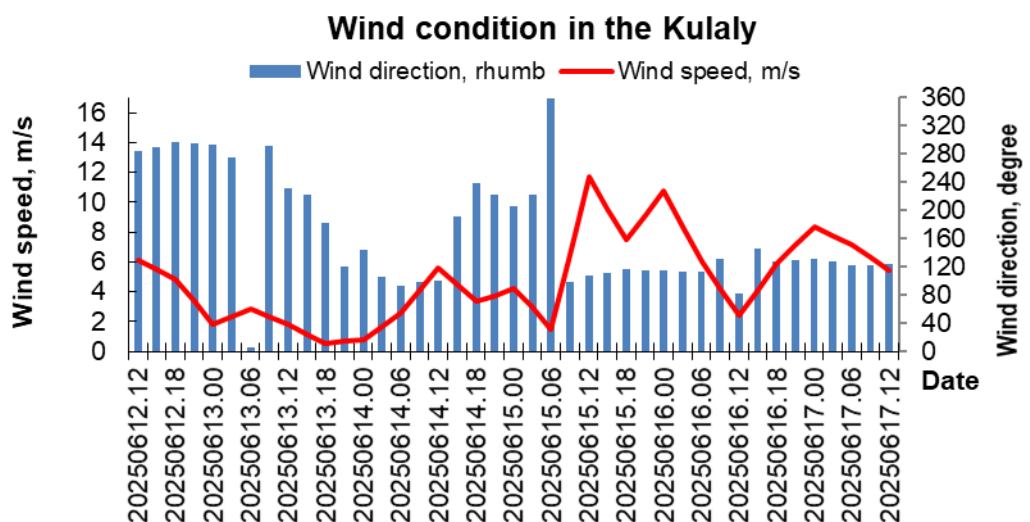




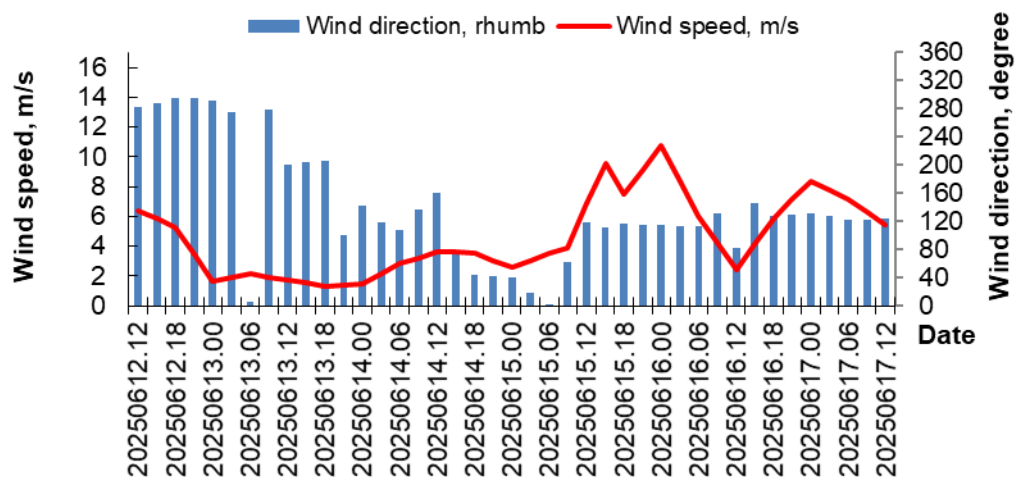
**MINISTRY OF ECOLOGY AND NATURAL RESOURCES  
OF THE REPUBLIC OF KAZAKHSTAN  
RSE «KAZHYDROMET»**

**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 12 – 17, 2025.**

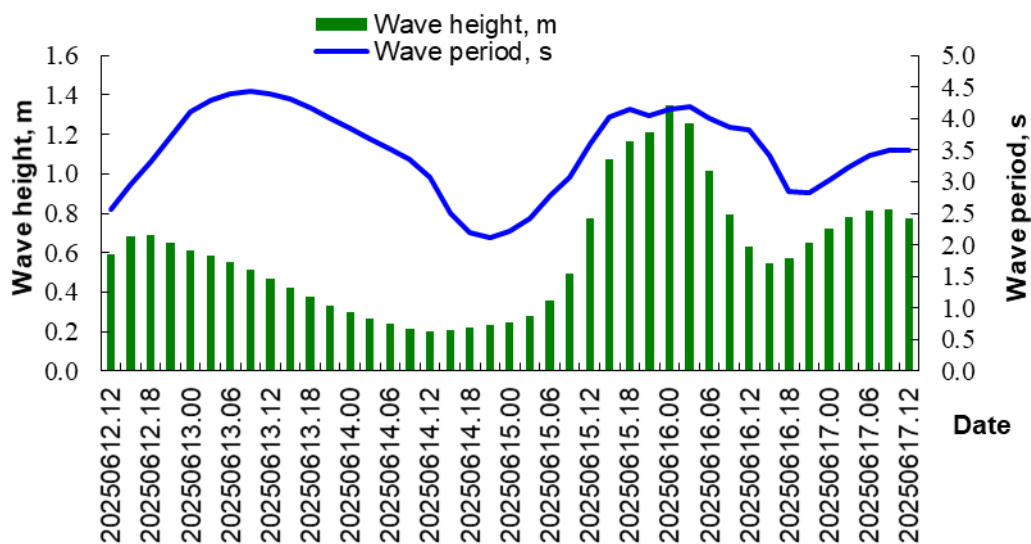


| Date time   | Kulaly         |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250612.12 | 0.56           | E                     | 2.5            | 6               | W                     |
| 20250612.15 | 0.67           | E                     | 2.9            | 5               | W                     |
| 20250612.18 | 0.69           | E                     | 3.3            | 5               | NW                    |
| 20250612.21 | 0.63           | E                     | 3.7            | 3               | NW                    |
| 20250613.00 | 0.60           | E                     | 4.1            | 2               | NW                    |
| 20250613.03 | 0.58           | E                     | 4.3            | 2               | W                     |
| 20250613.06 | 0.56           | E                     | 4.4            | 3               | N                     |
| 20250613.09 | 0.53           | E                     | 4.5            | 2               | W                     |
| 20250613.12 | 0.49           | E                     | 4.5            | 2               | SW                    |
| 20250613.15 | 0.45           | E                     | 4.4            | 1               | SW                    |
| 20250613.18 | 0.41           | E                     | 4.3            | 1               | S                     |
| 20250613.21 | 0.37           | E                     | 4.2            | 1               | SE                    |
| 20250614.00 | 0.33           | E                     | 4.0            | 1               | SE                    |
| 20250614.03 | 0.29           | E                     | 3.8            | 2               | E                     |
| 20250614.06 | 0.26           | E                     | 3.7            | 3               | E                     |
| 20250614.09 | 0.24           | E                     | 3.5            | 4               | E                     |
| 20250614.12 | 0.24           | E                     | 2.7            | 6               | E                     |
| 20250614.15 | 0.28           | W                     | 2.1            | 4               | S                     |
| 20250614.18 | 0.30           | SW                    | 2.1            | 3               | SW                    |
| 20250614.21 | 0.30           | SW                    | 2.2            | 4               | SW                    |
| 20250615.00 | 0.34           | W                     | 2.4            | 4               | SW                    |
| 20250615.03 | 0.40           | W                     | 2.8            | 3               | SW                    |
| 20250615.06 | 0.51           | W                     | 3.4            | 1               | N                     |
| 20250615.09 | 0.69           | W                     | 3.6            | 6               | E                     |
| 20250615.12 | 1.09           | W                     | 3.7            | 12              | E                     |
| 20250615.15 | 1.25           | W                     | 4.0            | 10              | E                     |
| 20250615.18 | 1.05           | W                     | 3.9            | 7               | SE                    |
| 20250615.21 | 1.00           | W                     | 3.7            | 9               | SE                    |
| 20250616.00 | 1.16           | W                     | 3.8            | 11              | SE                    |
| 20250616.03 | 1.07           | W                     | 3.8            | 8               | SE                    |
| 20250616.06 | 0.85           | W                     | 3.6            | 6               | SE                    |
| 20250616.09 | 0.64           | W                     | 3.6            | 4               | SE                    |
| 20250616.12 | 0.51           | W                     | 3.7            | 2               | E                     |
| 20250616.15 | 0.45           | W                     | 3.5            | 4               | SE                    |
| 20250616.18 | 0.44           | NW                    | 2.9            | 6               | SE                    |
| 20250616.21 | 0.53           | NW                    | 2.6            | 7               | SE                    |
| 20250617.00 | 0.68           | NW                    | 2.8            | 8               | SE                    |
| 20250617.03 | 0.81           | NW                    | 3.2            | 8               | SE                    |
| 20250617.06 | 0.87           | NW                    | 3.5            | 7               | SE                    |
| 20250617.09 | 0.83           | NW                    | 3.6            | 6               | SE                    |
| 20250617.12 | 0.73           | NW                    | 3.6            | 5               | SE                    |

### Wind condition in the Fort-Shevchenko

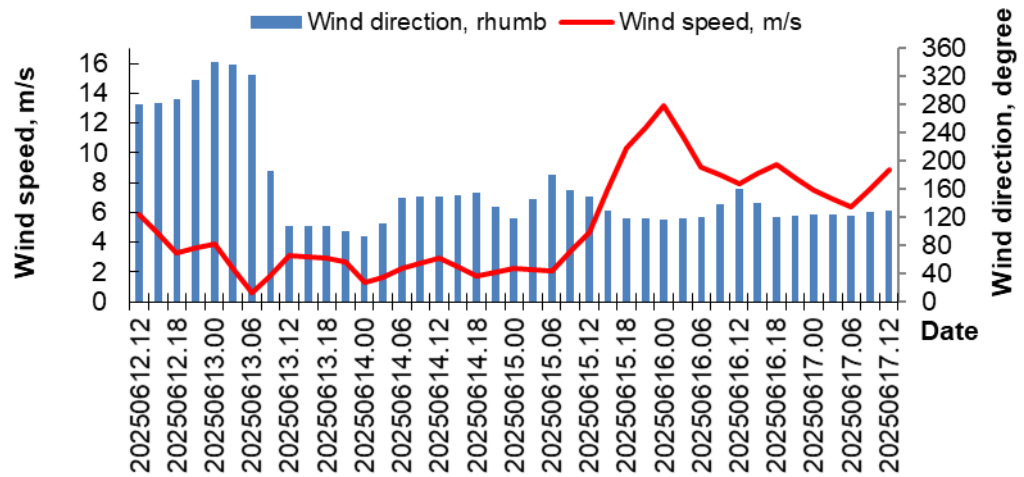


### Wave condition in the Fort-Shevchenko

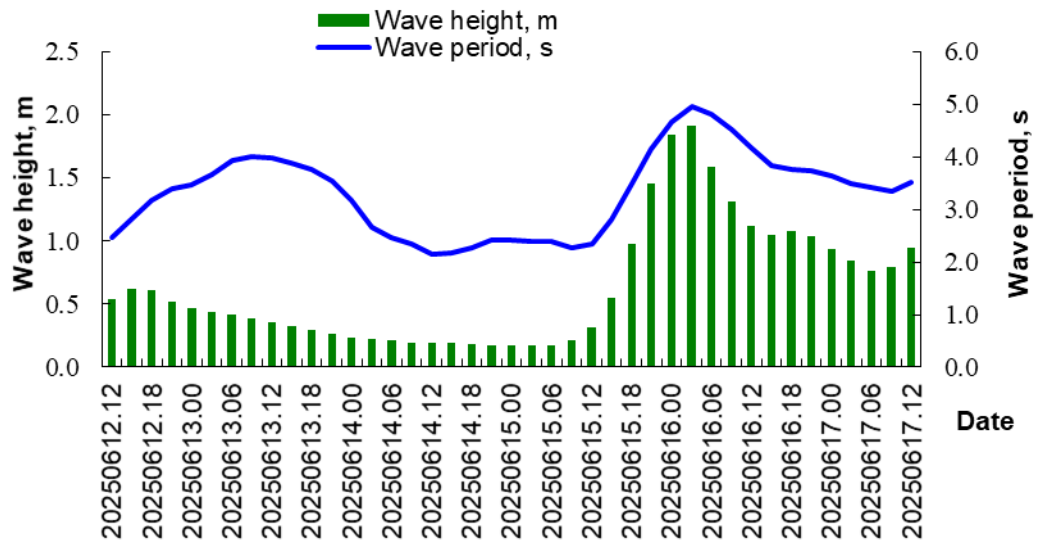


| Date time   | Fort-Shevchenko |                       |                |                 |                       |
|-------------|-----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m  | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250612.12 | 0.59            | E                     | 2.6            | 6               | W                     |
| 20250612.15 | 0.68            | E                     | 3.0            | 6               | W                     |
| 20250612.18 | 0.69            | E                     | 3.3            | 5               | NW                    |
| 20250612.21 | 0.65            | E                     | 3.7            | 3               | NW                    |
| 20250613.00 | 0.61            | E                     | 4.1            | 2               | W                     |
| 20250613.03 | 0.59            | E                     | 4.3            | 2               | W                     |
| 20250613.06 | 0.55            | E                     | 4.4            | 2               | N                     |
| 20250613.09 | 0.52            | E                     | 4.4            | 2               | W                     |
| 20250613.12 | 0.47            | E                     | 4.4            | 2               | S                     |
| 20250613.15 | 0.42            | E                     | 4.3            | 2               | SW                    |
| 20250613.18 | 0.38            | E                     | 4.2            | 1               | SW                    |
| 20250613.21 | 0.33            | E                     | 4.0            | 1               | E                     |
| 20250614.00 | 0.30            | E                     | 3.8            | 1               | SE                    |
| 20250614.03 | 0.27            | E                     | 3.7            | 2               | SE                    |
| 20250614.06 | 0.24            | E                     | 3.5            | 3               | E                     |
| 20250614.09 | 0.22            | E                     | 3.3            | 3               | SE                    |
| 20250614.12 | 0.20            | E                     | 3.1            | 4               | S                     |
| 20250614.15 | 0.21            | NE                    | 2.5            | 4               | E                     |
| 20250614.18 | 0.22            | N                     | 2.2            | 3               | NE                    |
| 20250614.21 | 0.24            | N                     | 2.1            | 3               | NE                    |
| 20250615.00 | 0.25            | NW                    | 2.2            | 3               | NE                    |
| 20250615.03 | 0.28            | NW                    | 2.4            | 3               | N                     |
| 20250615.06 | 0.36            | NW                    | 2.8            | 4               | N                     |
| 20250615.09 | 0.50            | NW                    | 3.1            | 4               | NE                    |
| 20250615.12 | 0.77            | NW                    | 3.6            | 7               | SE                    |
| 20250615.15 | 1.07            | NW                    | 4.0            | 10              | E                     |
| 20250615.18 | 1.17            | NW                    | 4.2            | 7               | SE                    |
| 20250615.21 | 1.21            | NW                    | 4.0            | 9               | SE                    |
| 20250616.00 | 1.35            | W                     | 4.2            | 11              | SE                    |
| 20250616.03 | 1.26            | W                     | 4.2            | 8               | SE                    |
| 20250616.06 | 1.02            | W                     | 4.0            | 6               | SE                    |
| 20250616.09 | 0.80            | W                     | 3.9            | 4               | SE                    |
| 20250616.12 | 0.63            | W                     | 3.8            | 2               | E                     |
| 20250616.15 | 0.55            | W                     | 3.4            | 4               | SE                    |
| 20250616.18 | 0.57            | NW                    | 2.9            | 6               | SE                    |
| 20250616.21 | 0.65            | NW                    | 2.8            | 7               | SE                    |
| 20250617.00 | 0.72            | NW                    | 3.0            | 8               | SE                    |
| 20250617.03 | 0.78            | NW                    | 3.2            | 8               | SE                    |
| 20250617.06 | 0.81            | NW                    | 3.4            | 7               | SE                    |
| 20250617.09 | 0.82            | NW                    | 3.5            | 6               | SE                    |
| 20250617.12 | 0.78            | NW                    | 3.5            | 5               | SE                    |

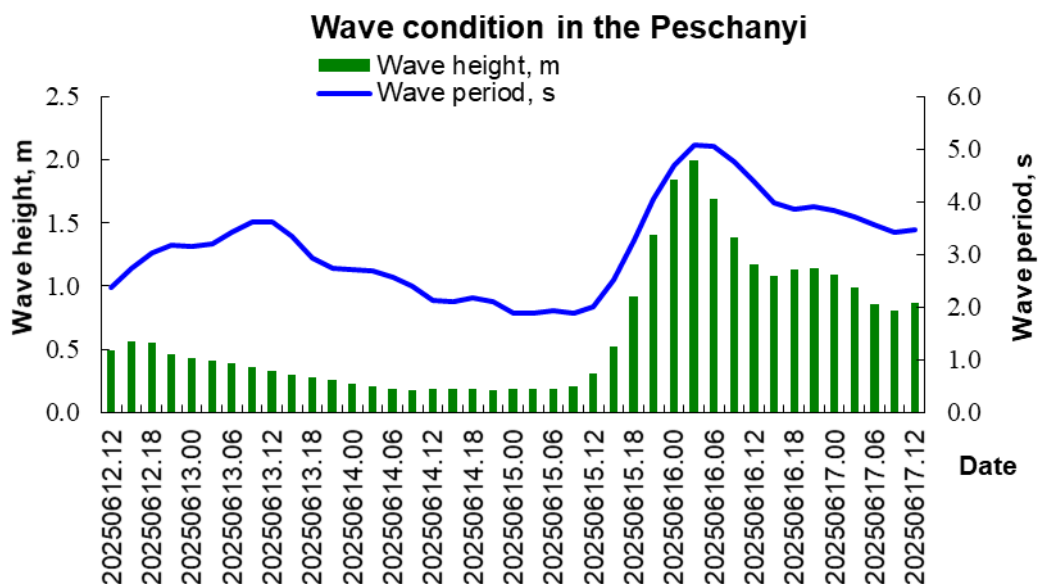
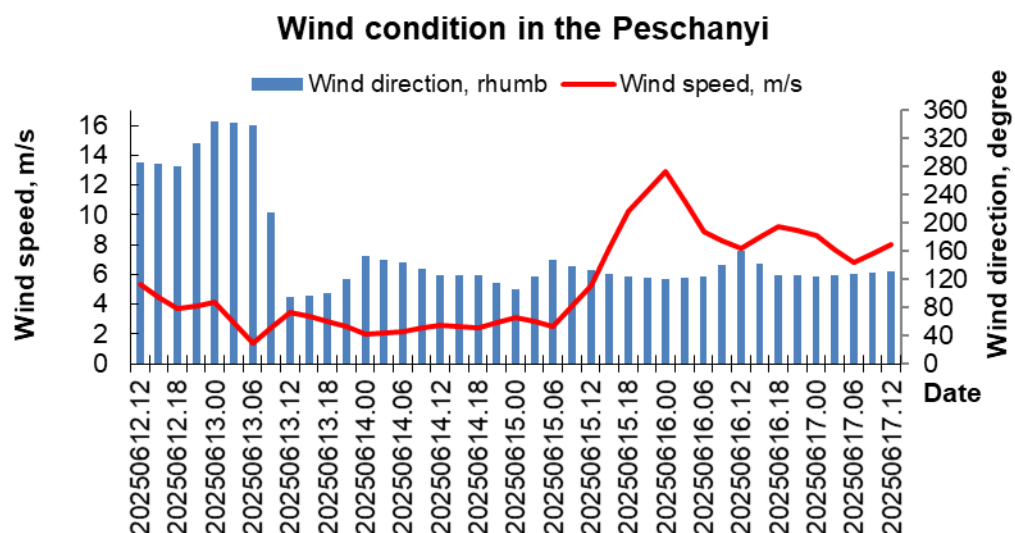
### Wind condition in the Aktau



### Wave condition in the Aktau

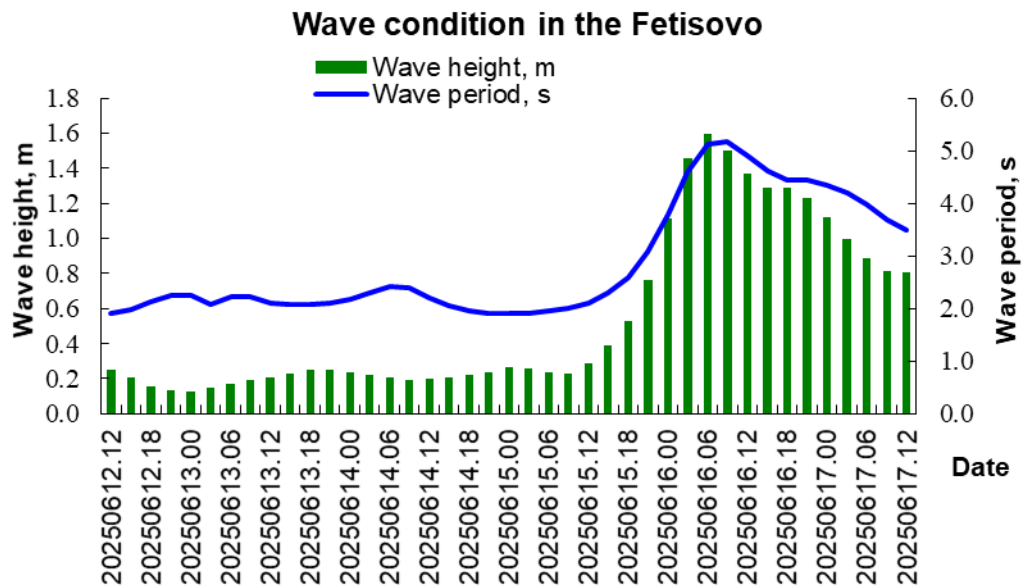
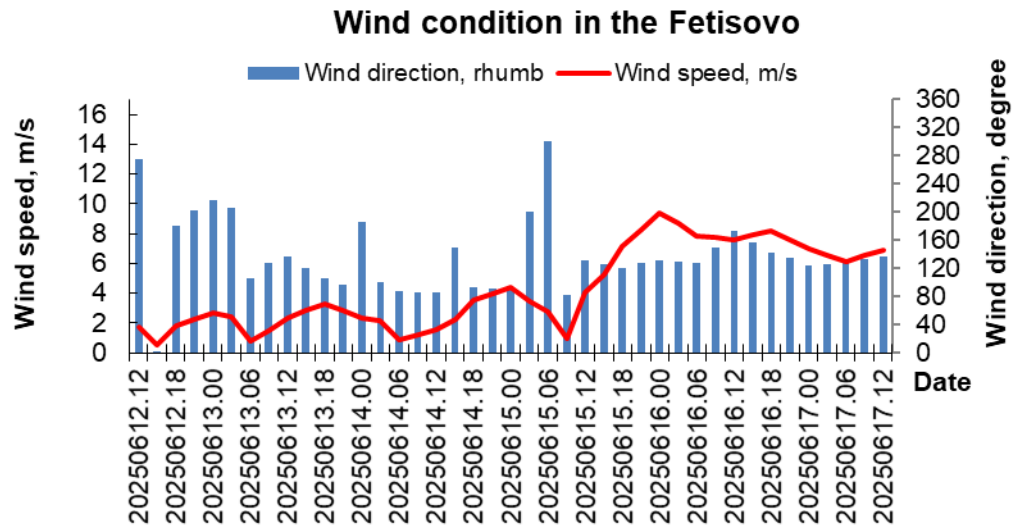


| Date time   | Aktau          |                         |                |                     |                |
|-------------|----------------|-------------------------|----------------|---------------------|----------------|
|             | Wave height, m | Направление волны, румб | Wave height, m | Скорость ветра, м/с | Wave height, m |
| 20250612.12 | 0.54           | E                       | 2.5            | 6                   | W              |
| 20250612.15 | 0.62           | E                       | 2.8            | 5                   | W              |
| 20250612.18 | 0.61           | E                       | 3.2            | 3                   | W              |
| 20250612.21 | 0.52           | E                       | 3.4            | 4                   | NW             |
| 20250613.00 | 0.47           | E                       | 3.5            | 4                   | N              |
| 20250613.03 | 0.44           | E                       | 3.7            | 2                   | N              |
| 20250613.06 | 0.42           | E                       | 3.9            | 1                   | NW             |
| 20250613.09 | 0.39           | NE                      | 4.0            | 2                   | S              |
| 20250613.12 | 0.36           | NE                      | 4.0            | 3                   | E              |
| 20250613.15 | 0.32           | NE                      | 3.9            | 3                   | E              |
| 20250613.18 | 0.29           | NE                      | 3.8            | 3                   | E              |
| 20250613.21 | 0.26           | NE                      | 3.5            | 3                   | E              |
| 20250614.00 | 0.24           | NE                      | 3.2            | 1                   | E              |
| 20250614.03 | 0.22           | NE                      | 2.7            | 2                   | E              |
| 20250614.06 | 0.21           | NE                      | 2.5            | 2                   | SE             |
| 20250614.09 | 0.20           | NE                      | 2.3            | 3                   | SE             |
| 20250614.12 | 0.20           | N                       | 2.1            | 3                   | SE             |
| 20250614.15 | 0.19           | N                       | 2.2            | 2                   | SE             |
| 20250614.18 | 0.18           | N                       | 2.3            | 2                   | SE             |
| 20250614.21 | 0.17           | NW                      | 2.4            | 2                   | SE             |
| 20250615.00 | 0.17           | NW                      | 2.4            | 2                   | SE             |
| 20250615.03 | 0.17           | NW                      | 2.4            | 2                   | SE             |
| 20250615.06 | 0.18           | NW                      | 2.4            | 2                   | S              |
| 20250615.09 | 0.21           | NW                      | 2.3            | 3                   | S              |
| 20250615.12 | 0.32           | NW                      | 2.3            | 5                   | SE             |
| 20250615.15 | 0.55           | NW                      | 2.8            | 8                   | SE             |
| 20250615.18 | 0.97           | NW                      | 3.5            | 10                  | SE             |
| 20250615.21 | 1.45           | NW                      | 4.2            | 12                  | SE             |
| 20250616.00 | 1.84           | NW                      | 4.7            | 13                  | SE             |
| 20250616.03 | 1.92           | NW                      | 5.0            | 11                  | SE             |
| 20250616.06 | 1.59           | NW                      | 4.8            | 9                   | SE             |
| 20250616.09 | 1.31           | NW                      | 4.5            | 9                   | SE             |
| 20250616.12 | 1.12           | NW                      | 4.2            | 8                   | S              |
| 20250616.15 | 1.04           | NW                      | 3.8            | 9                   | SE             |
| 20250616.18 | 1.07           | NW                      | 3.8            | 9                   | SE             |
| 20250616.21 | 1.03           | NW                      | 3.7            | 8                   | SE             |
| 20250617.00 | 0.94           | NW                      | 3.6            | 8                   | SE             |
| 20250617.03 | 0.84           | NW                      | 3.5            | 7                   | SE             |
| 20250617.06 | 0.77           | NW                      | 3.4            | 6                   | SE             |
| 20250617.09 | 0.79           | NW                      | 3.3            | 8                   | SE             |
| 20250617.12 | 0.94           | NW                      | 3.5            | 9                   | SE             |

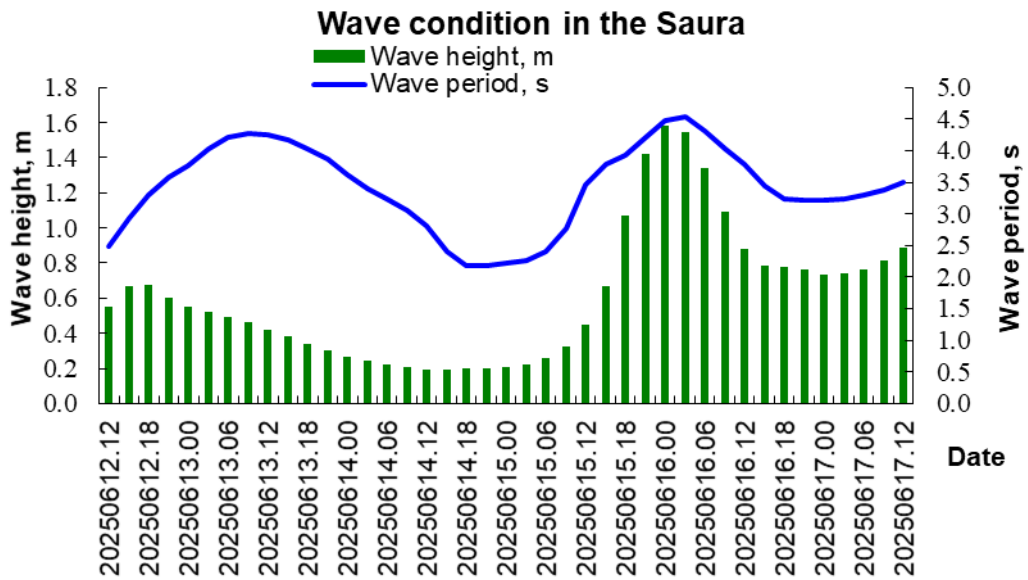
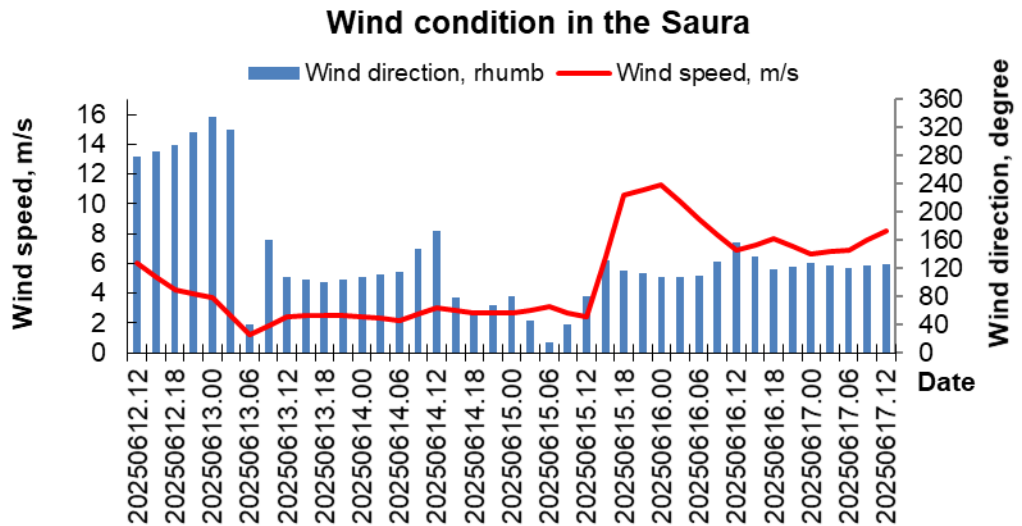


| Date time   | Peschanyi (Isan) |                       |                |                 |                       |
|-------------|------------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m   | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250612.12 | 0.50             | E                     | 2.4            | 5               | W                     |
| 20250612.15 | 0.56             | E                     | 2.7            | 5               | W                     |
| 20250612.18 | 0.55             | E                     | 3.0            | 4               | W                     |
| 20250612.21 | 0.46             | E                     | 3.2            | 4               | NW                    |
| 20250613.00 | 0.43             | E                     | 3.2            | 4               | N                     |
| 20250613.03 | 0.41             | E                     | 3.2            | 3               | N                     |
| 20250613.06 | 0.39             | E                     | 3.4            | 1               | N                     |
| 20250613.09 | 0.36             | NE                    | 3.6            | 2               | SW                    |
| 20250613.12 | 0.33             | NE                    | 3.6            | 3               | E                     |
| 20250613.15 | 0.30             | NE                    | 3.3            | 3               | E                     |
| 20250613.18 | 0.28             | NE                    | 2.9            | 3               | E                     |
| 20250613.21 | 0.26             | NE                    | 2.8            | 2               | SE                    |
| 20250614.00 | 0.23             | NE                    | 2.7            | 2               | SE                    |
| 20250614.03 | 0.21             | NE                    | 2.7            | 2               | SE                    |
| 20250614.06 | 0.19             | NE                    | 2.6            | 2               | SE                    |
| 20250614.09 | 0.18             | NE                    | 2.4            | 2               | SE                    |
| 20250614.12 | 0.18             | N                     | 2.1            | 3               | SE                    |
| 20250614.15 | 0.19             | N                     | 2.1            | 3               | SE                    |
| 20250614.18 | 0.18             | N                     | 2.2            | 2               | SE                    |
| 20250614.21 | 0.18             | NW                    | 2.1            | 3               | SE                    |
| 20250615.00 | 0.19             | NW                    | 1.9            | 3               | E                     |
| 20250615.03 | 0.19             | NW                    | 1.9            | 3               | SE                    |
| 20250615.06 | 0.18             | NW                    | 1.9            | 2               | SE                    |
| 20250615.09 | 0.21             | NW                    | 1.9            | 4               | SE                    |
| 20250615.12 | 0.31             | NW                    | 2.0            | 5               | SE                    |
| 20250615.15 | 0.52             | NW                    | 2.5            | 8               | SE                    |
| 20250615.18 | 0.92             | NW                    | 3.3            | 10              | SE                    |
| 20250615.21 | 1.41             | NW                    | 4.1            | 12              | SE                    |
| 20250616.00 | 1.84             | NW                    | 4.7            | 13              | SE                    |
| 20250616.03 | 1.99             | NW                    | 5.1            | 11              | SE                    |
| 20250616.06 | 1.69             | NW                    | 5.1            | 9               | SE                    |
| 20250616.09 | 1.39             | NW                    | 4.8            | 8               | SE                    |
| 20250616.12 | 1.17             | NW                    | 4.4            | 8               | S                     |
| 20250616.15 | 1.08             | NW                    | 4.0            | 9               | SE                    |
| 20250616.18 | 1.13             | NW                    | 3.9            | 9               | SE                    |
| 20250616.21 | 1.14             | NW                    | 3.9            | 9               | SE                    |
| 20250617.00 | 1.09             | NW                    | 3.8            | 9               | SE                    |
| 20250617.03 | 0.99             | NW                    | 3.7            | 8               | SE                    |
| 20250617.06 | 0.86             | NW                    | 3.6            | 7               | SE                    |
| 20250617.09 | 0.81             | NW                    | 3.4            | 7               | SE                    |
| 20250617.12 | 0.87             | NW                    | 3.5            | 8               | SE                    |

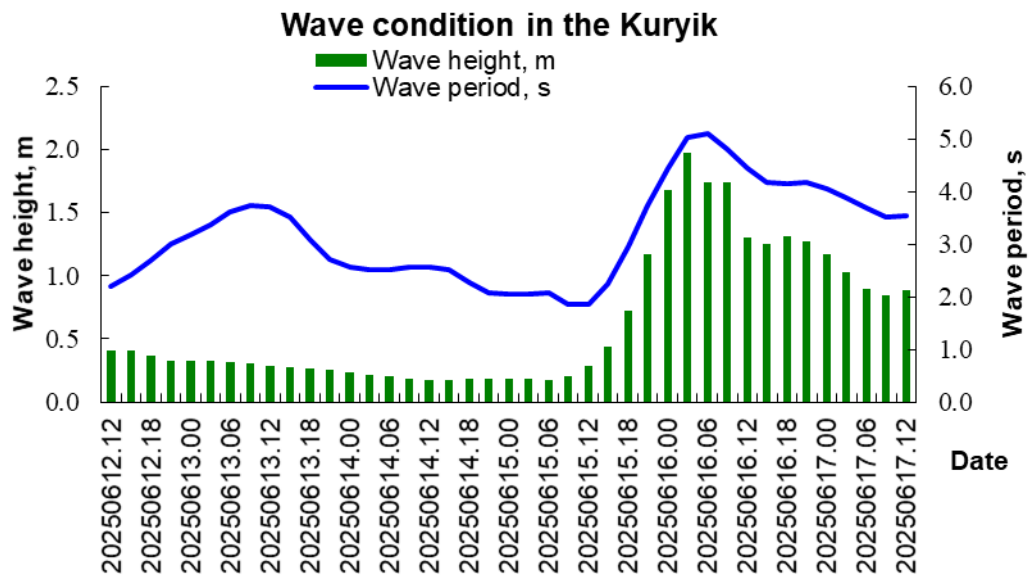
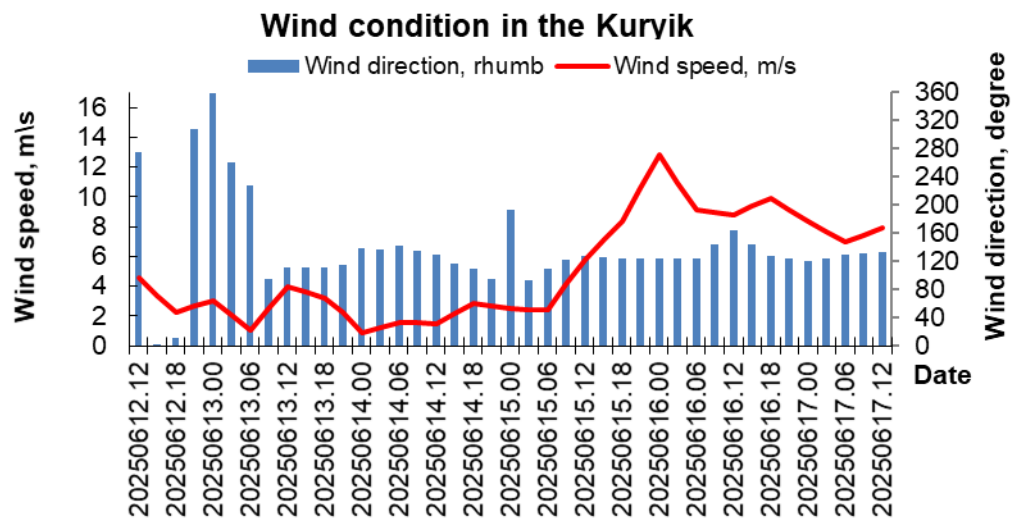




| Date time   | Fetisovo       |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250612.12 | 0.25           | E                     | 1.9            | 2               | W                     |
| 20250612.15 | 0.21           | E                     | 2.0            | 1               | N                     |
| 20250612.18 | 0.16           | E                     | 2.1            | 2               | S                     |
| 20250612.21 | 0.13           | E                     | 2.2            | 2               | S                     |
| 20250613.00 | 0.13           | NE                    | 2.2            | 3               | SW                    |
| 20250613.03 | 0.15           | NE                    | 2.1            | 2               | SW                    |
| 20250613.06 | 0.17           | NE                    | 2.2            | 1               | E                     |
| 20250613.09 | 0.19           | NE                    | 2.2            | 2               | SE                    |
| 20250613.12 | 0.21           | NE                    | 2.1            | 2               | SE                    |
| 20250613.15 | 0.23           | N                     | 2.1            | 3               | SE                    |
| 20250613.18 | 0.25           | N                     | 2.1            | 3               | E                     |
| 20250613.21 | 0.25           | N                     | 2.1            | 3               | E                     |
| 20250614.00 | 0.24           | N                     | 2.2            | 2               | S                     |
| 20250614.03 | 0.22           | N                     | 2.3            | 2               | E                     |
| 20250614.06 | 0.21           | N                     | 2.4            | 1               | E                     |
| 20250614.09 | 0.19           | N                     | 2.4            | 1               | E                     |
| 20250614.12 | 0.20           | N                     | 2.2            | 2               | E                     |
| 20250614.15 | 0.21           | NW                    | 2.1            | 2               | SE                    |
| 20250614.18 | 0.22           | NW                    | 2.0            | 4               | E                     |
| 20250614.21 | 0.24           | NW                    | 1.9            | 4               | E                     |
| 20250615.00 | 0.27           | W                     | 1.9            | 4               | E                     |
| 20250615.03 | 0.26           | W                     | 1.9            | 3               | S                     |
| 20250615.06 | 0.24           | W                     | 2.0            | 3               | NW                    |
| 20250615.09 | 0.23           | W                     | 2.0            | 1               | E                     |
| 20250615.12 | 0.29           | W                     | 2.1            | 4               | SE                    |
| 20250615.15 | 0.39           | NW                    | 2.3            | 5               | SE                    |
| 20250615.18 | 0.53           | NW                    | 2.6            | 7               | SE                    |
| 20250615.21 | 0.76           | NW                    | 3.1            | 8               | SE                    |
| 20250616.00 | 1.12           | NW                    | 3.8            | 9               | SE                    |
| 20250616.03 | 1.46           | NW                    | 4.6            | 9               | SE                    |
| 20250616.06 | 1.60           | NW                    | 5.1            | 8               | SE                    |
| 20250616.09 | 1.50           | NW                    | 5.2            | 8               | SE                    |
| 20250616.12 | 1.37           | NW                    | 4.9            | 8               | S                     |
| 20250616.15 | 1.29           | NW                    | 4.6            | 8               | S                     |
| 20250616.18 | 1.29           | NW                    | 4.4            | 8               | SE                    |
| 20250616.21 | 1.23           | NW                    | 4.4            | 8               | SE                    |
| 20250617.00 | 1.12           | NW                    | 4.4            | 7               | SE                    |
| 20250617.03 | 1.00           | NW                    | 4.2            | 7               | SE                    |
| 20250617.06 | 0.88           | NW                    | 4.0            | 6               | SE                    |
| 20250617.09 | 0.82           | NW                    | 3.7            | 7               | SE                    |
| 20250617.12 | 0.80           | NW                    | 3.5            | 7               | SE                    |



| Date time   | Saura          |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250612.12 | 0.55           | E                     | 2.5            | 6               | W                     |
| 20250612.15 | 0.67           | E                     | 2.9            | 5               | W                     |
| 20250612.18 | 0.68           | E                     | 3.3            | 4               | NW                    |
| 20250612.21 | 0.60           | E                     | 3.6            | 4               | NW                    |
| 20250613.00 | 0.55           | E                     | 3.8            | 4               | NW                    |
| 20250613.03 | 0.52           | E                     | 4.0            | 2               | NW                    |
| 20250613.06 | 0.49           | E                     | 4.2            | 1               | NE                    |
| 20250613.09 | 0.46           | E                     | 4.3            | 2               | S                     |
| 20250613.12 | 0.42           | E                     | 4.3            | 2               | E                     |
| 20250613.15 | 0.38           | E                     | 4.2            | 2               | E                     |
| 20250613.18 | 0.34           | E                     | 4.0            | 3               | E                     |
| 20250613.21 | 0.30           | E                     | 3.9            | 3               | E                     |
| 20250614.00 | 0.27           | E                     | 3.6            | 2               | E                     |
| 20250614.03 | 0.24           | E                     | 3.4            | 2               | E                     |
| 20250614.06 | 0.22           | E                     | 3.2            | 2               | SE                    |
| 20250614.09 | 0.21           | NE                    | 3.1            | 3               | SE                    |
| 20250614.12 | 0.20           | NE                    | 2.8            | 3               | S                     |
| 20250614.15 | 0.20           | NE                    | 2.4            | 3               | E                     |
| 20250614.18 | 0.20           | N                     | 2.2            | 3               | NE                    |
| 20250614.21 | 0.20           | N                     | 2.2            | 3               | E                     |
| 20250615.00 | 0.21           | NW                    | 2.2            | 3               | E                     |
| 20250615.03 | 0.22           | NW                    | 2.3            | 3               | NE                    |
| 20250615.06 | 0.26           | NW                    | 2.4            | 3               | N                     |
| 20250615.09 | 0.32           | NW                    | 2.8            | 3               | NE                    |
| 20250615.12 | 0.45           | NW                    | 3.5            | 2               | E                     |
| 20250615.15 | 0.67           | NW                    | 3.8            | 7               | SE                    |
| 20250615.18 | 1.07           | NW                    | 3.9            | 11              | SE                    |
| 20250615.21 | 1.42           | NW                    | 4.2            | 11              | SE                    |
| 20250616.00 | 1.58           | NW                    | 4.5            | 11              | E                     |
| 20250616.03 | 1.54           | NW                    | 4.5            | 10              | E                     |
| 20250616.06 | 1.34           | NW                    | 4.3            | 9               | E                     |
| 20250616.09 | 1.09           | NW                    | 4.0            | 8               | SE                    |
| 20250616.12 | 0.88           | NW                    | 3.8            | 7               | S                     |
| 20250616.15 | 0.78           | NW                    | 3.4            | 7               | SE                    |
| 20250616.18 | 0.78           | NW                    | 3.2            | 8               | SE                    |
| 20250616.21 | 0.76           | NW                    | 3.2            | 7               | SE                    |
| 20250617.00 | 0.74           | NW                    | 3.2            | 7               | SE                    |
| 20250617.03 | 0.74           | NW                    | 3.2            | 7               | SE                    |
| 20250617.06 | 0.76           | NW                    | 3.3            | 7               | SE                    |
| 20250617.09 | 0.82           | NW                    | 3.4            | 8               | SE                    |
| 20250617.12 | 0.89           | NW                    | 3.5            | 8               | SE                    |



| Date time   | Kuryk          |                       |                |                 |                       |
|-------------|----------------|-----------------------|----------------|-----------------|-----------------------|
|             | Wave height, m | Wave direction, rhumb | Wave period, s | Wind speed, m/s | Wind direction, rhumb |
| 20250612.12 | 0.41           | E                     | 2.2            | 5               | W                     |
| 20250612.15 | 0.41           | E                     | 2.4            | 3               | N                     |
| 20250612.18 | 0.37           | E                     | 2.7            | 2               | N                     |
| 20250612.21 | 0.33           | E                     | 3.0            | 3               | NW                    |
| 20250613.00 | 0.32           | E                     | 3.2            | 3               | N                     |
| 20250613.03 | 0.32           | NE                    | 3.4            | 2               | W                     |
| 20250613.06 | 0.31           | NE                    | 3.6            | 1               | SW                    |
| 20250613.09 | 0.30           | NE                    | 3.7            | 3               | E                     |
| 20250613.12 | 0.29           | NE                    | 3.7            | 4               | E                     |
| 20250613.15 | 0.27           | NE                    | 3.5            | 4               | E                     |
| 20250613.18 | 0.26           | NE                    | 3.1            | 3               | E                     |
| 20250613.21 | 0.25           | NE                    | 2.7            | 2               | SE                    |
| 20250614.00 | 0.24           | NE                    | 2.6            | 1               | SE                    |
| 20250614.03 | 0.22           | NE                    | 2.5            | 1               | SE                    |
| 20250614.06 | 0.20           | NE                    | 2.5            | 2               | SE                    |
| 20250614.09 | 0.18           | NE                    | 2.6            | 2               | SE                    |
| 20250614.12 | 0.18           | N                     | 2.6            | 2               | SE                    |
| 20250614.15 | 0.17           | N                     | 2.5            | 2               | SE                    |
| 20250614.18 | 0.18           | N                     | 2.3            | 3               | E                     |
| 20250614.21 | 0.19           | NW                    | 2.1            | 3               | E                     |
| 20250615.00 | 0.19           | NW                    | 2.1            | 2               | S                     |
| 20250615.03 | 0.18           | NW                    | 2.1            | 2               | E                     |
| 20250615.06 | 0.18           | NW                    | 2.1            | 2               | E                     |
| 20250615.09 | 0.20           | NW                    | 1.8            | 4               | SE                    |
| 20250615.12 | 0.29           | NW                    | 1.9            | 6               | SE                    |
| 20250615.15 | 0.44           | NW                    | 2.3            | 7               | SE                    |
| 20250615.18 | 0.72           | NW                    | 3.0            | 8               | SE                    |
| 20250615.21 | 1.17           | NW                    | 3.7            | 11              | SE                    |
| 20250616.00 | 1.67           | NW                    | 4.4            | 13              | SE                    |
| 20250616.03 | 1.97           | NW                    | 5.0            | 11              | SE                    |
| 20250616.06 | 1.74           | NW                    | 5.1            | 9               | SE                    |
| 20250616.09 | 1.74           | NW                    | 4.8            | 9               | SE                    |
| 20250616.12 | 1.30           | NW                    | 4.4            | 9               | S                     |
| 20250616.15 | 1.25           | NW                    | 4.2            | 9               | SE                    |
| 20250616.18 | 1.31           | NW                    | 4.1            | 10              | SE                    |
| 20250616.21 | 1.28           | NW                    | 4.2            | 9               | SE                    |
| 20250617.00 | 1.16           | NW                    | 4.1            | 8               | SE                    |
| 20250617.03 | 1.03           | NW                    | 3.9            | 8               | SE                    |
| 20250617.06 | 0.90           | NW                    | 3.7            | 7               | SE                    |
| 20250617.09 | 0.85           | NW                    | 3.5            | 7               | SE                    |
| 20250617.12 | 0.89           | NW                    | 3.5            | 8               | 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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