

## Fairway information

Regional Water Management Authority in Gdansk provides fairway information for the Inland Waterway as of **09.10.2023 at 7:00 a.m.**

### 1. Hydrological and meteorological situation

| Water gauge                        | KM     | Alarm levels [cm] | Water level [cm] | Difference within 24h | Water temperature [°C] | Air temperature [°C] | Wind direction and strength [m/s] | The highest navigation level [cm] |
|------------------------------------|--------|-------------------|------------------|-----------------------|------------------------|----------------------|-----------------------------------|-----------------------------------|
| <b>Szkarpawa</b>                   |        |                   |                  |                       |                        |                      |                                   |                                   |
| Tujsk                              | 16,8   | 590               | 559              | -17                   | -                      | -                    | -                                 | -                                 |
| <b>Tuga</b>                        |        |                   |                  |                       |                        |                      |                                   |                                   |
| Nowy Dwór Gdański                  | 10,9   | 590               | 562              | -3                    | -                      | -                    | -                                 | -                                 |
| <b>Elbląg</b>                      |        |                   |                  |                       |                        |                      |                                   |                                   |
| Elbląg                             | -      | 610               | 561              | -21                   | -                      | -                    | -                                 | -                                 |
| <b>Nogat</b>                       |        |                   |                  |                       |                        |                      |                                   |                                   |
| Biała Góra - WG                    | 0,5    | -                 | 120              | -                     | -                      | -                    | -                                 | -                                 |
| Biała Góra- WD                     | 0,5    | -                 | 134              | -                     | -                      | -                    | -                                 | -                                 |
| Szonowo - WG                       | 14,4   | -                 | 606              | -                     | -                      | -                    | -                                 | -                                 |
| Szonowo - WD                       | 14,4   | -                 | 458              | -                     | -                      | -                    | -                                 | -                                 |
| Rakowiec- WG                       | 24     | -                 | 456              | -                     | -                      | -                    | -                                 | -                                 |
| Rakowiec - WD                      | 24     | -                 | 156              | -                     | -                      | -                    | -                                 | -                                 |
| Michałowo-WG                       | 36,6   | -                 | 158              | -                     | -                      | -                    | -                                 | -                                 |
| Michałowo-WD                       | 36,6   | -                 | 560              | -                     | -                      | -                    | -                                 | -                                 |
| <b>Elbląg Canal</b>                |        |                   |                  |                       |                        |                      |                                   |                                   |
| Całuny - WD                        | 46,3   | -                 | 538              | -                     | -                      | -                    | -                                 | -                                 |
| Buczyniec - WG                     | 36,6   | -                 | 872              | -                     | -                      | -                    | -                                 | -                                 |
| <b>Vistula at km 830,0 – 942,3</b> |        |                   |                  |                       |                        |                      |                                   |                                   |
| Grudziądz                          | 834,95 | 650               | 176              | -31                   | -                      | 3,0                  | 216° /0,0                         | -                                 |
| Tczew                              | 908,65 | 820               | 276              | -14                   | -                      | 3,0                  | -                                 | -                                 |
| Gdańska Głowa                      | 931,20 | 810               | 552              | -1                    | -                      | -                    | -                                 | -                                 |
| Przegalina                         | 936,0  | 700               | bd               | bd                    | -                      | -                    | -                                 | -                                 |
| Świbno                             | 939,0  | 680               | 552              | +3                    | -                      | 3,6                  | 230° /3,0                         | -                                 |
| Ujście                             | 941,0  | 680               | 556              | +5                    | -                      | -                    | -                                 | -                                 |
| Sobieszewo                         | 9,650  | 570               | 544              | -7                    | -                      | -                    | -                                 | -                                 |
| Nowy Port                          | -      | 570               | 543              | +1                    | 15,0                   | 6,1                  | 247°/5,9                          | -                                 |

| Water gauge  | KM     | Alarm levels [cm] | Water level [cm] | Difference within 24h | Water temperature [°C] | Air temperature [°C] | Wind direction and strength [m/s] | The highest navigation level [cm] |
|--|--------|-------------------|------------------|-----------------------|------------------------|----------------------|-----------------------------------|-----------------------------------|
| <b>Vistula at km 680 - 830</b>                               |        |                   |                  |                       |                        |                      |                                   |                                   |
| Włocławek  | 679,4  | 650               | 129              | -2                    | -                      | -                    | -                                 | -                                 |
| Toruń  | 734,7  | 650               | 149              | +13                   | 15,1                   | 2,5                  | -                                 | -                                 |
| Fordon   | 774,9  | 650               | 145              | +5                    | -                      | -                    | -                                 | -                                 |
| Chełmno  | 806,8  | 630               | 169              | 0                     | -                      | -                    | -                                 | -                                 |
| <b>Elbląg Canal</b>  |        |                   |                  |                       |                        |                      |                                   |                                   |
| Ostróda - WG   | 15,161 | 620               | 599              | -1                    | -                      | -                    | -                                 | -                                 |
| Ostróda - WD   | 15,219 | 460               | 432              | -1                    | -                      | -                    | -                                 | -                                 |
| Mała Ruś - WG  | 19,23  | 771               | 763              | 0                     | -                      | -                    | -                                 | -                                 |
| Mała Ruś - WD  | 19,282 | 620               | 599              | -2                    | -                      | -                    | -                                 | -                                 |
| Miłomłyn- WG   | 0,051  | 910               | 882              | 0                     | -                      | -                    | -                                 | -                                 |
| Miłomłyn - WD  | 0,133  | 610               | 594              | -2                    | -                      | -                    | -                                 | -                                 |
| Zielona - WG   | 4,61   | 616               | 593              | -2                    | -                      | -                    | -                                 | -                                 |
| Zielona - WD   | 4,656  | 453               | 425              | -1                    | -                      | -                    | -                                 | -                                 |
| Iława  | 32,377 | 940               | 882              | -1                    | 15,9                   | -                    | -                                 | -                                 |
| <b>Brda – the Vistula-Oder waterway at km 0+000 - 14+800</b> |        |                   |                  |                       |                        |                      |                                   |                                   |
| Czersko Polskie Lock – lower position                        | 1+400  | 150 / 740         | <b>145</b>       | -17                   | -                      | -                    | -                                 | 740                               |
| Czersko Polskie Lock – upper position                        | 1+400  | 207 / 253         | <b>232</b>       | +9                    | -                      | -                    | -                                 | 253                               |
| urban Lock No 2 – lower position                             | 12+400 | 222 / 333         | <b>268</b>       | 0                     | -                      | -                    | -                                 | 333                               |
| urban Lock No 2 – upper position                             | 12+400 | 533 / 642         | <b>584</b>       | 0                     | -                      | -                    | -                                 | 642                               |

Source: hydrological data from the Institute of Meteorology and Water Management and current water levels at PGW WP facilities.

For information about current water levels please visit the page: [www.meteo.imgw.pl](http://www.meteo.imgw.pl)

## 2. Navigational situation

### Fairway condition

| Section   | KM  | Status              | Depth measurement /2023/                    |                    | Current state    |                    |
|---|---|---------------------|---|--------------------|------------------|--------------------|
|   |   |                     | Water level [cm]                            | Fairway depth [cm] | Water level [cm] | Fairway depth [cm] |
| Szkarpawa   | 25,4  | Open                | 544   | 250                | 559              | 265                |
| Wiśła Królewiecka   | 11,9  | Open                | 536   | 170                | 559              | 193                |
| Tuga  | 11,9  | Open                | 510   | 120                | 562              | 172                |
| Nogat (62,0 km)   | 0,400-14,500                                | Open (restrictions) | 188   | 180                | 134              | 126                |
|   | 14,500-24,000                               | Open                | 476   | 200                | 458              | 182                |
|   | 24,000-38,600                               | Open (restrictions) | 208   | 190                | 156              | 138                |
|   | 38,600-62,000                               | Open (restrictions) | 526   | 170                | 560              | 204                |
| Jagiellonian Canal  | 4,7   | Open                | 532   | 210                | 560              | 238                |
| River Elbląg, lake Drużno, Elbląg Canal to Całuny ramp                        | 0,000-3,900<br>0,000-7,400<br>46,300-52,000 | Open                | 532   | 150                | 538              | 156                |
| The Elbląg Canal system above the Buczyniec ramp in the direction of Miłomłyn | -   | Open (restrictions) | 905   | 160                | 872              | 127                |
| Vistula water gauge Grudziądz   | 830,0-867,0                                 | Open                | Depth measurement - 12-13.06, 20-21.06.2023 |                    |                  |                    |
|   |   |                     | 220   | 90                 | 176              | 46                 |
| Vistula water gauge Korzeniewo  | 867,0-886,0                                 | Open                | Depth measurement - 12-13.06, 20-21.06.2023 |                    |                  |                    |
|   |   |                     | 210   | 100                | 162              | 53                 |
| Vistula water gauge Biała Góra  | 886,0-909,0                                 | Open                | Depth measurement - 12-13.06, 20-21.06.2023 |                    |                  |                    |
|   |   |                     | 160   | 130                | 152              | 122                |
|   |   |                     | Depth measurement - 12-13.06, 20-21.06.2023 |                    |                  |                    |
| Vistula water gauge Tczew   | 909,0-942,3                                 | Open                | 328   | 140                | 276              | 88                 |

|                                      |                |      |                                |     |     |     |
|--------------------------------------|----------------|------|--------------------------------|-----|-----|-----|
| Martwa Wisła water gauge Sobieszewo  | 0+000 – 11+500 | Open | Depth measurement - 05.04.2023 |     |     |     |
|                                      |                |      | 510                            | 380 | 544 | 401 |
| Motława water gauge Gdańsk Nowy Port | 0,00-0,85      | Open | Depth measurement - 24.05.2023 |     |     |     |
|                                      |                |      | 496                            | 200 | 543 | 248 |

| Section                     | KM            | Status | Depth measurement                  |                    | Current state    |                    |
|-----------------------------|---------------|--------|------------------------------------|--------------------|------------------|--------------------|
|                             |               |        | Water level [cm]                   | Fairway depth [cm] | Water level [cm] | Fairway depth [cm] |
|                             |               |        | Depth measurement<br>03.10.2023 r. |                    | WZ Toruń         |                    |
| Vistula                     | 680,0 – 718,0 | Open   | 143                                | 50                 | 149              | 55                 |
|                             |               |        | Depth measurement<br>04.10.2023 r. |                    | WZ Toruń         |                    |
| Vistula                     | 718 - 771,4   | Open   | 150                                | 60                 | 149              | 60                 |
|                             |               |        | 04.09.2023 r.                      |                    | WZ Chełmno       |                    |
|                             |               |        | Water level [cm]                   | Fairway depth [cm] | Water level [cm] | Fairway depth [cm] |
| Vistula                     | 771,4 - 830,0 | Open   | 209                                | 90                 | 169              | 50                 |
|                             |               |        |                                    |                    |                  |                    |
| Elbląg Canal – all sections | -             | Open   | Water level [cm]                   | Fairway depth [cm] | Water level [cm] | Fairway depth [cm] |
|                             |               |        | -                                  | -                  | 434              | 70-110             |

| Section | KM              | Status | Depth measurement<br>28.03.2023 r./18.04.2023 r. |                    | Current state                    |                    |
|---------|-----------------|--------|--|--------------------|----------------------------------|--------------------|
|         |                 |        | Water level [cm]                                 | Fairway depth [cm] | Water level – Lake Drwęckie [cm] | Fairway depth [cm] |
| Brda    | 0+000 – 1+400   | Open   | 324/228/232                                      | 150                | j/w                              | 145                |
| Brda    | 1+400 – 12+400  | Open   | 324/228/232                                      | 150                | j/w                              | 150                |
| Brda    | 12+400 – 14+800 | Open   | 396/224/228                                      | 150                | j/w                              | 150                |

Lock status

| Name          | KM     | Status    | Opening hours               |
|---------------|--------|-----------|-----------------------------|
| Szkarpa       |        |           |                             |
| Gdańska Głowa | 0,250  | Available | 7 AM – 3 PM Monday – Friday |
| Nogat         |        |           |                             |
| Biała Góra    | 0,400  | Available | 7 AM – 3 PM Monday – Friday |
| Szonowo       | 14,500 | Available | 7 AM – 3 PM Monday – Friday |
| Rakowiec      | 24,000 | Available | 7 AM – 3 PM Monday – Friday |
| Michałowo     | 38,600 | Available | 7 AM – 3 PM Monday – Friday |
| Elbląg Canal  |        |           |                             |
| Buczyniec     | 35,000 | Closed    | -                           |
| Kąty          | 38,700 | Closed    | -                           |
| Oleśnica      | 41,700 | Closed    | -                           |
| Jelenie       | 43,800 | Closed    | -                           |
| Całuny        | 45,800 | Closed    | -                           |

Lock status

| Name                  | KM     | Status    | Opening hours               |
|-----------------------|--------|-----------|-----------------------------|
| Martwa Wisła River    |        |           |                             |
| Przegalina Południowa | 0+550  | Available | 7 AM – 3 PM Monday – Friday |
| Elbląg Canal          |        |           |                             |
| Miłomłyn              | 0,086  | Available | 9 AM – 3 PM Monday – Friday |
| Ostróda               | 15,188 | Available | 9 AM – 3 PM Monday – Friday |
| Mała Ruś              | 19,233 | Available | 9 AM – 3 PM Monday – Friday |
| Zielona               | 4,63   | Available | 9 AM – 3 PM Monday – Friday |

| Name                 | KM     | Status    | Opening hours  |
|----------------------|--------|-----------|--|
| Brda                 |        |           |  |
| Czersko Polskie Lock | 1+400  | Closed    | 7 AM – 3 PM Monday – Friday<br>9 AM – 5 PM Saturday-Sunday, Holidays |
| Urban Lock No 2      | 12+400 | Available | 7 AM – 7 PM Monday – Friday<br>7 AM – 7 PM Saturday-Sunday, Holidays |

### 3. Notices to skippers

#### *River Basin Management in Elbląg*

Szkarpawa River - class II waterway (min. fairway depth in accordance with the regulation 1.8 m)

The waterway is marked with signs.

Fairway depths meet the waterway class requirements.

Noqat River - class II waterway (min. fairway depth in accordance with the regulation 1.8 m)

The waterway is marked with signs.

- **At km 0+600 of the waterway, i.e. below the Biała Góra lock in the direction of the Szonowo lock, at a length of 30 m, respectively, there is a depth limit of 126 cm with a water level of 134 cm on the gauge staff of the lower position of the Biała Góra lock.**
- **At km 24+500 of the waterway, i.e. below the Rakowiec lock in the direction of the Michałowo lock, at a length of 30 m and 50 m, respectively, there is a depth limit of 138 cm with a water level of 156 cm on the gauge staff of the lower position of the Rakowiec lock.**

Wisła Królewiecka River - class Ia waterway (min. fairway depth in accordance with the regulation 1.2 m)

The waterway is marked with signs.

Tuga River - class Ia waterway (min. fairway depth in accordance with the regulation 1.2 m)

The waterway is marked with signs.

The Jagiellonian Canal - class II canal (min. water depth in accordance with the regulation 2.2 m)

The waterway is marked with signs.

Elbląg Canal (km 46+300-52+00) class Ia (min. water depth in accordance with the regulation 1.5 m),

Drużno lake class Ia (min. water depth in accordance with the regulation 1.2 m), Elbląg River (0+000-3+900) class Ia (minimum water depth in accordance with the regulation 1.2 m),

The waterway is marked with signs.

- **At km 46+500 of the Elbląg Canal and at km 1+200 of Lake Drużno at the lengths of 10 m and 30 m, there is a depth restriction of 156 cm at the water level of 538 on the gauge located of the lower position of the Całuny slipway.**

Elbląg Canal (km 0+450+36+600) class Ia (min. water depth in accordance with the regulation 1.5 m),

Pniewo lake, Sambród lake, Ruda Woda lake, Bartązek lake, Ilińsk lake: class II (fairway depth in accordance

with the regulation 1.8 m), Bartnicki Canal (0+000-1+000) class (min. water depth in accordance with the regulation 1.5 m),

The waterway is marked with signs.

- ***At km 32+100 of the Elbląg Canal, at a length of 20 m, the depth is limited to 127 cm at the water level of 872 on the gauge located of the upper position of the Buczyniec Slipway.***

### ***River Basin Management in Tczew***

#### *Vistula at km 830.0 - 942.0*

From km 830 to 942 - the navigation waterway is marked with coastal navigation signs, whose placement is adjusted on an ongoing basis.

#### *The Motława River in the old bed at km 0+000-0+850*

From May 24, 2023 the waterway is open to navigation. The transit depth is 2m, at the water level at the Gdańsk Nowy Port water gauge - 496 cm.

#### *Przegalina Lock and Gdańska Głowa Lock after the season*

From October 2, 2023 to April 30, 2024, on weekdays (Monday-Friday), the locks will be open from 7.00 a.m. to 3.00 p.m.

The locks are closed on Sundays and holidays.

Locking is possible after prior telephone arrangement with the Facilities Manager, in advance until 15.00 every Thursday.

### ***River Basin Management in Toruń***

From km 680 to km 718 - waterway class Ib. Marking the shipping route with floating signs and due to the floating oversized vessels, the shipping route is marked very widely. Therefore, when using this section of the Vistula River, special attention should be paid to the markings.

From km 718 to km 830 – class II waterway. From km 718 to km 730 the shipping route is marked with coastal navigation signs. From km 730 to km 737 - floating markings. From km 737 to km 830, the trail is marked with coastal navigation signs. The issued shore markings of the shipping route are monitored and corrected by employees of the Technical Support Team in Toruń at km 680-772 and employees of the Technical Support Team in Chełmno at km 772-830.

#### *Elbląg Canal*

Navigational markings have been set up with floating signs on the lakes and on the Elbląg Canal from Miłomłyn to Lake Jeziorak and from Miłomłyn to Lake Szelań Wielki - class Ia waterway. The Zielona, Miłomłyn, Ostróda and Mała Ruś locks are operational. Sluicing takes place from 10:00 am to 7:00 pm.

The sluicing of vessels at the Ostróda lock will take place on an hourly cycle in order to achieve the minimum water level on Lake Pauzeńskie, which is currently below the minimum.

**Attention!** From October 2, 2023, the Miłomłyn, Zielona, Ostróda and Mała Ruś locks will be open from Monday to Friday from 9.00 a.m. to 3.00 p.m.

### ***River Basin Management in Chojnice***

#### **Brda at km 0+000 - 14+800.**

Czersko Polskie lock - operational – no possibility of locking - too low water level at the lower station.

Urban lock No. 2 - operational - possibility of clearance at set times.

Fairway Information has been prepared on the basis of up-to-date own data. Additionally, data from the state hydrological and meteorological service Institute of Meteorology and Water Management – State Research Institute was used.