

## Fairway information

Regional Water Management Authority in Gdansk provides fairway information for the Inland Waterway as of **22.08.2022 r. 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               | 530              | 10                    | -                      | -                    | -                                 | -                                 |
| <b>Tuga</b>                        |        |                   |                  |                       |                        |                      |                                   |                                   |
| Nowy Dwór Gdański                  | 10,7   | 590               | 531              | 11                    | -                      | -                    | -                                 | -                                 |
| <b>Elbląg</b>                      |        |                   |                  |                       |                        |                      |                                   |                                   |
| Elbląg                             | -      | 610               | 530              | 8                     | -                      | -                    | -                                 | -                                 |
| <b>Nogat</b>                       |        |                   |                  |                       |                        |                      |                                   |                                   |
| Biała Góra - WG                    | 0,5    | -                 | 104              | 6                     | -                      | -                    | -                                 | -                                 |
| Biała Góra - WD                    | 0,5    | -                 | 126              | 8                     | -                      | -                    | -                                 | -                                 |
| Szonowo - WG                       | 14,4   | -                 | 600              | 2                     | -                      | -                    | -                                 | -                                 |
| Szonowo - WD                       | 14,4   | -                 | 464              | -2                    | -                      | -                    | -                                 | -                                 |
| Rakowiec - WG                      | 24     | -                 | 460              | -4                    | -                      | -                    | -                                 | -                                 |
| Rakowiec - WD                      | 24     | -                 | 162              | 0                     | -                      | -                    | -                                 | -                                 |
| Michałowo - WG                     | 36,6   | -                 | 150              | 0                     | -                      | -                    | -                                 | -                                 |
| Michałowo - WD                     | 36,6   | -                 | 520              | -2                    | -                      | -                    | -                                 | -                                 |
| <b>Elbląg Canal</b>                |        |                   |                  |                       |                        |                      |                                   |                                   |
| Całuny - WD                        | 46,3   | -                 | 519              | 0                     | -                      | -                    | -                                 | -                                 |
| Buczyniec - WG                     | 36,6   | -                 | 873              | 0                     | -                      | -                    | -                                 | -                                 |
| <b>Vistula at km 830,0 – 942,3</b> |        |                   |                  |                       |                        |                      |                                   |                                   |
| Grudziądz                          | 834,95 | 650               | 165              | -1                    | -                      | 17,3                 | 337° / 1,4                        | -                                 |
| Tczew                              | 908,65 | 820               | 259              | -3                    | -                      | 18,0                 | -                                 | -                                 |
| Gdańska Głowa                      | 931,20 | 810               | 525              | -2                    | -                      | -                    | -                                 | -                                 |
| Przegalina                         | 936,0  | 700               | 524              | -4                    | -                      | -                    | -                                 | -                                 |
| Świbno                             | 939,0  | 680               | 519              | -3                    | 24,2                   | 18,7                 | 261° / 1,4                        | -                                 |
| Ujście                             | 941,0  | 680               | 521              | +3                    | -                      | -                    | -                                 | -                                 |

| 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               | 114              | -14                   | -                      | -                    | -                                 | -                                 |
| Toruń  | 734,7  | 650               | 131              | +6                    | 23,7                   | 16,5                 | -                                 | -                                 |
| Fordon   | 774,9  | 650               | 142              | +15                   | -                      | -                    | -                                 | -                                 |
| Chełmno  | 806,8  | 630               | 169              | +4                    | -                      | -                    | -                                 | -                                 |
| <b>Elbląg Canal</b>  |        |                   |                  |                       |                        |                      |                                   |                                   |
| Ostróda - WG   | 15,161 | 620               | 605              | +1                    | -                      | -                    | -                                 | -                                 |
| Ostróda - WD   | 15,219 | 460               | 434              | 0                     | -                      | -                    | -                                 | -                                 |
| Mała Ruś - WG  | 19,23  | 771               | 763              | 0                     | -                      | -                    | -                                 | -                                 |
| Mała Ruś - WD  | 19,282 | 620               | 606              | -1                    | -                      | -                    | -                                 | -                                 |
| Miłomłyn- WG   | 0,051  | 910               | 891              | 0                     | -                      | -                    | -                                 | -                                 |
| Miłomłyn - WD  | 0,133  | 610               | 611              | 0                     | -                      | -                    | -                                 | -                                 |
| Zielona - WG   | 4,61   | 616               | 610              | +1                    | -                      | -                    | -                                 | -                                 |
| Zielona - WD   | 4,656  | 453               | 427              | 0                     | -                      | -                    | -                                 | -                                 |
| Iława  | 32,377 | 940               | 895              | 0                     | 25,1                   | -                    | -                                 | -                                 |
| <b>Brda – the Vistula-Oder waterway at km 0+000 - 14+800</b> |        |                   |                  |                       |                        |                      |                                   |                                   |
| Czersko Polskie Lock – lower position                        | 1+400  | 150 / 740         | 145              | +27                   |                        |                      |                                   | 740                               |
| Czersko Polskie Lock – upper position                        | 1+400  | 207 / 253         | 225              | -4                    |                        |                      |                                   | 253                               |
| urban Lock No 2 – lower position                             | 12+400 | 222 / 333         | 326              | +24                   |                        |                      |                                   | 333                               |
| urban Lock No 2 – upper position                             | 12+400 | 533 / 642         | 588              | +2                    |                        |                      |                                   | 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

### Fariway condition

| Section  | KM  | Status                 | Depth measurement<br>/2022/ |                       | Current state       |                       |
|--|---|------------------------|-----------------------------|-----------------------|---------------------|-----------------------|
|  |   |                        | Water level<br>[cm]         | Fairway depth<br>[cm] | Water level<br>[cm] | Fairway depth<br>[cm] |
| Szkarpawa  | 25,4  | Open                   | 521                         | 230                   | 530                 | 239                   |
| Wisła Królewiecka  | 11,9  | Open                   | 510                         | 160                   | 530                 | 180                   |
| Tuga   | 11,9  | Closed                 | -                           | -                     | -                   | -                     |
| Nogat (62,0 km)  | 0,400-14,500                                | Open<br>(restrictions) | 200                         | 190                   | 126                 | 116                   |
|  | 14,500-24,000                               | Open                   | 470                         | 190                   | 464                 | 184                   |
|  | 24,000-38,600                               | Open<br>(restrictions) | 202                         | 180                   | 162                 | 140                   |
|  | 38,600-62,000                               | Open<br>(restrictions) | 534                         | 180                   | 520                 | 166                   |
| Jagiellonian Canal   | 4,7   | Open<br>(restrictions) | 522                         | 210                   | 520                 | 208                   |
| river Elbląg,<br>lake Drużno,<br>Elbląg Canal to Całuny<br>ramp                        | 0,000-3,900<br>0,000-7,400<br>46,300-52,000 | Open<br>(restrictions) | 532                         | 150                   | 519                 | 137                   |
| The Elbląg Canal system<br>above the Buczyniec ramp<br>in the direction of<br>Miłomłyn | -   | Open<br>(restrictions) | 905                         | 160                   | 873                 | 128                   |
| Vistula  | 830,0-867,0                                 | Open                   | 215                         | 80                    | 165                 | 30                    |
| Vistula  | 867,0-886,0                                 | Open                   | 202                         | 80                    | 148                 | 26                    |
| Vistula  | 886,0-909,0                                 | Open                   | 160                         | 116                   | 104                 | 60                    |
| Vistula  | 909,0-942,3                                 | Open                   | 324                         | 170                   | 259                 | 97                    |
| Martwa Wisła Vb  | 0+000 –<br>11+500                           | Open                   | 515                         | 400                   | 513                 | 398                   |

| Section                     | KM             | Status | Depth measurement                     |                    | Current state    |                    |
|-----------------------------|----------------|--------|---------------------------------------|--------------------|------------------|--------------------|
|                             |                |        | Water level [cm]                      | Fairway depth [cm] | Water level [cm] | Fairway depth [cm] |
|                             |                |        | Depth measurement<br>13.08.2022       |                    | WZ<br>Toruń      |                    |
| Vistula                     | 680,0 – 718,0  | Open   | 131                                   | 25                 | 131              | 25                 |
|                             |                |        | Depth measurement<br>13.08.2022       |                    | WZ<br>Toruń      |                    |
| Vistula                     | 718 - 771,4    | Open   | 131                                   | 60                 | 131              | 60                 |
|                             |                |        | dnia 16.08.2022 r.                    |                    | WZ Chełmno       |                    |
|                             |                |        | Water level [cm]                      | Fairway depth [cm] | Water level [cm] | Fairway depth [cm] |
| Vistula                     | 771,4 - 830,0  | Open   | 166                                   | 70                 | 169              | 70                 |
|                             |                |        |                                       |                    |                  |                    |
| Elbląg Canal – all sections | -              | Open   | Water level [cm]                      | Fairway depth [cm] | Water level [cm] | Fairway depth [cm] |
|                             |                |        | -                                     | -                  | -                | 110-120            |
| Section                     | KM             | Status | Depth measurement<br>25-26.04.2022 r. |                    | Current state    |                    |
|                             |                |        | Water level [cm]                      | Fairway depth [cm] | Water level [cm] | Fairway depth [cm] |
| Brda                        | 0+000 – 1+400  | Open   | 292/224/227                           | 150                | j/w              | 140                |
| Brda                        | 1+400 – 9+300  | Open   | 292/224/227                           | 150                | j/w              | 190                |
| Brda                        | 9+300 - 14+800 | Open   | 228/590/276                           | 160                | j/w              | 190                |

#### Lock status

| Name          | KM     | Status    | Opening hours  |
|---------------|--------|-----------|--|
| Szarpawa      |        |           |  |
| Gdańska Głowa | 0,120  | Available | 7 AM – 7 PM Monday - Sunday  |
| Nogat         |        |           |  |
| Biała Góra    | 0,400  | Available | 9 AM – 5 PM Monday – Friday<br>7 AM – 7 PM Saturday-Sunday, Holidays |
| Szonowo       | 14,500 | Available | 9 AM – 5 PM Monday – Friday<br>7 AM – 7 PM Saturday-Sunday, Holidays |
| Rakowiec      | 24,000 | Available | 9 AM – 5 PM Monday – Friday<br>7 AM – 7 PM Saturday-Sunday, Holidays |

| Michałowo             | 38,600 | Available | 9 AM – 5 PM Monday – Friday<br>7 AM – 7 PM Saturday-Sunday, Holidays |
|-----------------------|--------|-----------|--|
| Elbląg Canal          |        |           |  |
| Buczyniec             | 35,000 | Available | 8 AM – 7 PM Monday - Sunday  |
| Kąty                  | 38,700 | Available | 8 AM – 7 PM Monday - Sunday  |
| Oleśnica              | 41,700 | Available | 8 AM – 7 PM Monday - Sunday  |
| Jelenie               | 43,800 | Available | 8 AM – 7 PM Monday - Sunday  |
| Całuny                | 45,800 | Available | 8 AM – 7 PM Monday - Sunday  |
| Name                  | KM     | Status    | Opening hours  |
| Martwa Wisła River    |        |           |  |
| Przegalina Południowa | 0+550  | Available | 7 AM – 7 PM Monday - Friday  |
| Szarpawa              |        |           |  |
| Gdańska Głowa         | 0+250  | Available | 7 AM – 7 PM Monday - Friday  |
| Elbląg Canal          |        |           |  |
| Miłomłyn              | 0,086  | Available | 7 AM – 7 PM Monday - Sunday  |
| Ostróda               | 15,188 | Available | 7 AM – 7 PM Monday - Sunday  |
| Mała Ruś              | 19,233 | Available | 7 AM – 7 PM Monday - Sunday  |
| Zielona               | 4,63   | Available | 7 AM – 7 PM Monday - Sunday  |
| Brda                  |        |           |  |
| Czersko Polskie Lock  | 1+400  | Closed    | <del>7 AM – 3 PM Monday – Sunday</del>                               |
| Urban Lock No 2       | 12+400 | Closed    | <del>7 AM – 7 PM Monday – Sunday</del>                               |

### 3. Notices to skippers

#### River Basin Management in Elbląg

Szarpawa 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.

Nogat 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 towards the Vistula Lagoon, at the length of 30 m, there is a depth restriction of 116 cm with the water level of 126 cm at the water gauge located at the lower station of the Biała Góra lock.**
- **At km 14+900 of the waterway, i.e. below the Szonowo lock towards the Vistula Lagoon, at the length of 30 m, there is a depth restriction of 184 cm with the water level of 464 cm at the water gauge located at the lower station of the Szonowo lock.**

- **At km 24+500 and 30+800 of the waterway, i.e. below the Rakowiec lock towards the Vistula Lagoon, at the length of 30 m, there is a depth restriction of 140 cm with the water level of 162 cm at the water gauge located at the lower station of the Rakowiec lock.**
- **At the waterway km 39+000 i.e. below the Michałowo lock towards the Vistula Lagoon, at the length of 20 m, there is a depth restriction of 166 cm with the water level of 520 cm at the water gauge located at the lower station of the Michałowo lock.**

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

The waterway is marked with signs.

Fairway depths meet the waterway class requirements.

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

The waterway on the Tuga River will be opened after all the activities aimed to ensure safe and efficient navigation are completed. The opening of the waterway will be announced in a separate notice.

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

The waterway is marked with signs.

- **At km 3+300 of the waterway, at the length of 20 m, there is a depth restriction of 208 cm with the water level of 520 cm at the water gauge located at the lower station of the Michałowo lock.**

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 Drużno lake, at the length of 10 and 30 m respectively, there is a depth restriction of 137 cm with the water level of 519 cm at the water gauge located at the lower station of Całuny ramp.**

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, Bartgżek 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 21+200 and 32+100 of the waterway, i.e. below Ruda Woda lake, towards Buczyniec, at lengths of 10 m and 20 m respectively, there is a depth restriction of 128 cm with the water level of 873 cm at the water gauge located at the upper station of the Buczyniec ramp.**

## River Basin Management in Tczew

### Vistula at km 830.0 - 942.0

from km 830 to 942.0, the navigation waterway is marked with coastal navigation signs, whose placement is adjusted on an ongoing basis.

Additionally, a red buoy has been displayed at km 940.440 at the shallowing on the right coast.

## River Basin Management in Toruń

### Vistula at km 680.0 - 830.0

From km 680 to 718, marking of the shipping route with floating signs. **Particular attention should be paid at km 682.5-683.5; 686.0-687.0; 691.0-692.0 and 709.0-710.0 due to the narrowing of the shipping route in these places to the width of 15 m and the existing stone reefs with the lowest depths.** 718 to 730 km, the navigable route is marked with coastal navigational signs. From km 730 to km 737 floating marking - reflective. From km 737 to 830, the markings are shore navigation signs. **Additional marking with yellow buoys informs about single obstacles in the shipping route (trees and stones).** The displayed marking of the shipping route is corrected on an ongoing basis by the employees of the Technical Support Team in Toruń (km 680-772) and in Chełmno (km 772-830).

### Elbląg Canal

Floating signs were displayed. All locks are operational, and it is possible to clear them during the working hours from 9 a.m. to 7 p.m. Waterways are clear.

## River Basin Management in Chojnice

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

Czersko Polskie lock - no possible of clearance due to too low water level on the lower stand.

Urban lock No. 2 - no possible of clearance due to the bough in the sluice flap - possibility of clearance after removing the obstacle.

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.