

Fairway information

Regional Water Management Authority in Gdansk provides fairway information for the Inland Waterway as of **03.08.2023 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]
Szarpawa								
Tujsk	16,8	590	523	-8	-	-	-	-
Tuga								
Nowy Dwór Gdański	10,9	590	527	-4	-	-	-	-
Elbląg								
Elbląg	-	610	527	-8	-	-	-	-
Nogat								
Biała Góra - WG	0,5	-	169	22	-	-	-	-
Biała Góra- WD	0,5	-	154	10	-	-	-	-
Szonowo - WG	14,4	-	628	12	-	-	-	-
Szonowo - WD	14,4	-	446	0	-	-	-	-
Rakowiec- WG	24	-	450	0	-	-	-	-
Rakowiec - WD	24	-	158	-2	-	-	-	-
Michałowo-WG	36,6	-	160	-2	-	-	-	-
Michałowo-WD	36,6	-	524	-6	-	-	-	-
Elbląg Canal								
Całuny - WD	46,3	-	521	-2	-	-	-	-
Buczyniec - WG	36,6	-	879	-1	-	-	-	-
Vistula at km 830,0 – 942,3								
Grudziądz	834,95	650	239	+20	-	19,8	201° /6,8	-
Tczew	908,65	820	315	+20	-	18,0	-	-
Gdańska Głowa	931,20	810	538	0	-	-	-	-
Przegalina	936,00	700	540	0	-	-	-	-
Świbno	939,00	680	533	-1	21,1	19,8	190° /5,0	-
Ujście	941,00	680	534	-2	-	-	-	-
Sobieszewo	9,650	570	527	-1	-	-	-	-
Nowy Port	-	570	526	-2	18,4	18,4	187° /5,2	-

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]
Vistula at km 680 - 830								
Włocławek	679,4	650	174	-5	-	-	-	-
Toruń	734,7	650	204	+5	-	-	-	-
Fordon	774,9	650	202	+8	-	-	-	-
Chełmno	806,8	630	231	+17	-	-	-	-
Elbląg Canal								
Ostróda - WG	15,161	620	599	-1	-	-	-	-
Ostróda - WD	15,219	460	434	+1	-	-	-	-
Mała Ruś - WG	19,23	771	765	0	-	-	-	-
Mała Ruś - WD	19,282	620	601	+1	-	-	-	-
Miłomłyn- WG	0,051	910	889	0	-	-	-	-
Miłomłyn - WD	0,133	610	605	+2	-	-	-	-
Zielona - WG	4,61	616	604	+2	-	-	-	-
Zielona - WD	4,656	453	426	+1	-	-	-	-
Iława	32,377	940	890	0	-	-	-	-
Brda – the Vistula-Oder waterway at km 0+000 - 14+800								
Czersko Polskie Lock – lower position	1+400	150 / 740	202	+9	-	-	-	740
Czersko Polskie Lock – upper position	1+400	207 / 253	230	+6	-	-	-	253
urban Lock No 2 – lower position	12+400	222 / 333	300	-10	-	-	-	333
urban Lock No 2 – upper position	12+400	533 / 642	596	-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

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	523	229
Wiśła Królewiecka	11,9	Open	536	170	523	157
Tuga	11,9	Open	510	120	527	137
Nogat (62,0 km)	0,400-14,500	Open (restrictions)	188	180	154	146
	14,500-24,000	Open (restrictions)	476	200	446	170
	24,000-38,600	Open (restrictions)	208	190	158	140
	38,600-62,000	Open (restrictions)	526	170	524	168
Jagiellonian Canal	4,7	Open (restrictions)	532	210	524	202
River Elbląg, lake Drużno, Elbląg Canal to Całuny ramp	0,000-3,900 0,000-7,400 46,300-52,000	Open (restrictions)	532	150	521	139
The Elbląg Canal system above the Buczyniec ramp in the direction of Miłomłyn	-	Open (restrictions)	905	160	879	134
Vistula water gauge Grudziądz	830,0-867,0	Open	Depth measurement - 12-13.06, 20-21.06.2023			
			220	90	239	109
Vistula water gauge Korzeniewo	867,0-886,0	Open	Depth measurement - 12-13.06, 20-21.06.2023			
			210	100	216	106
Vistula water gauge Biała Góra	886,0-909,0	Open	Depth measurement - 12-13.06, 20-21.06.2023			
			160	130	183	153
			Depth measurement - 12-13.06, 20-21.06.2023			
Vistula water gauge Tczew	909,0-942,3	Open	328	140	315	128

Martwa Wisła water gauge Sobieszewo	0+000 – 11+500	Open	Depth measurement - 05.04.2023			
			510	380	327	397
Motława water gauge Gdańsk Nowy Port	0,00-0,85	Open	Depth measurement - 24.05.2023			
			496	200	526	231

Section	KM	Status	Depth measurement		Current state	
			Water level [cm]	Fairway depth [cm]	Water level [cm]	Fairway depth [cm]
			Depth measurement 19.06.2023 r.		WZ Toruń	
Vistula	680,0 – 718,0	Open	184	50	204	70
			Depth measurement 19.06.2023 r.		WZ Toruń	
Vistula	718 - 771,4	Open	184	80	204	70
			19.06.2023 r.		WZ Chełmno	
			Water level [cm]	Fairway depth [cm]	Water level [cm]	Fairway depth [cm]
Vistula	771,4 - 830,0	Open	217	80	231	80
Elbląg Canal – all sections	-	Open	Water level [cm]	Fairway depth [cm]	Water level [cm]	Fairway depth [cm]
			-	-	437	80-120

Section	KM	Status	Depth measurement 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	202
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 – 7 PM Monday – Friday 7 AM – 7 PM Saturday-Sunday, Holidays
Nogat			
Biała Góra	0,400	Available	8 AM – 7 PM Monday – Friday 8 AM – 7 PM Saturday-Sunday, Holidays
Szonowo	14,500	Available	8 AM – 7 PM Monday – Friday 8 AM – 7 PM Saturday-Sunday, Holidays
Rakowiec	24,000	Available	8 AM – 7 PM Monday – Friday 8 AM – 7 PM Saturday-Sunday, Holidays
Michałowo	38,600	Available	8 AM – 7 PM Monday – Friday 8 AM – 7 PM Saturday-Sunday, Holidays
Elbląg Canal			
Buczyniec	35,000	Available	8 AM – 7 PM Monday – Friday 8 AM – 7 PM Saturday-Sunday, Holidays
Kąty	38,700	Available	8 AM – 7 PM Monday – Friday 8 AM – 7 PM Saturday-Sunday, Holidays
Oleśnica	41,700	Available	8 AM – 7 PM Monday – Friday 8 AM – 7 PM Saturday-Sunday, Holidays
Jelenie	43,800	Available	8 AM – 7 PM Monday – Friday 8 AM – 7 PM Saturday-Sunday, Holidays
Całuny	45,800	Available	8 AM – 7 PM Monday – Friday 8 AM – 7 PM Saturday-Sunday, Holidays

Lock status

Name	KM	Status	Opening hours
Martwa Wisła River			
Przegalina Południowa	0+550	Available	7 AM – 7 PM Monday – Friday 7 AM – 7 PM Saturday-Sunday, Holidays
Elbląg Canal			
Miłomłyn	0,086	Available	10 AM – 7 PM Monday – Friday 10 AM – 7 PM Saturday-Sunday, Holidays
Ostróda	15,188	Available (restrictions)	10 AM – 7 PM Monday – Friday 10 AM – 7 PM Saturday-Sunday, Holidays
Mała Ruś	19,233	Available	10 AM – 7 PM Monday – Friday 10 AM – 7 PM Saturday-Sunday, Holidays
Zielona	4,63	Available	10 AM – 7 PM Monday – Friday 10 AM – 7 PM Saturday-Sunday, Holidays

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

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 in the direction of the Szonowo lock, at a length of 30 m, respectively, there is a depth limit of 146 cm at the water level of 154 cm on the water gauge of the lower position of the Biała Góra lock.***
- ***At km 14+900 of the waterway, i.e. below the Szonowo lock in the direction of the Rakowiec lock, at a length of 30 m, respectively, there is a depth limit of 170 cm with a water level of 446 cm on the gauge staff of the lower position of the Biała Góra lock.***
- ***At km 24+500 and 30+800 of the waterway, i.e. below the Rakowiec lock in the direction of the Michałowo lock, at the length of 30 m and 50 m, respectively, there is a depth limit of 140 cm at the water level of 158 cm on the gauge staff of the lower position of the Rakowiec lock.***
- ***At km 39+000, i.e. below the Michałowo lock towards the Vistula Lagoon on a length of 20 m there is a depth restriction to 168 cm with a water level of 524 cm on the water level gauge bench of the lower position 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.

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.

- **At km 3+300 and 0+500 of the waterway, along the length of 20 m and 10 m, , there is a depth restriction of 202 cm with the water level of 524 cm at the water gauge located at the lower position 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 Lake Drużno at the lengths of 10 m and 30 m, there is a depth restriction of 139 cm at the water level of 521 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, 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 32+100 of the Elbląg Canal, at a length of 20 m, the depth is limited to 134 cm at the water level of 879 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.

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 Szelaż 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 save water and to achieve the minimum water level of damming on Lake Pauzeńskie, which is currently 11 cm below the minimum. **The current water filling from the upper threshold of the Ostroda lock is 1.03 m - information for vessels with a large draft.**

Due to frequent cases of jamming of vessels in Ostróda lock, the Water Supervisor informs about the widths of the actual heads of the upper locks:

- MIŁOMŁYN lock - actual width 3.60m - maximum width of a vessel 3.40m
- ZIELONA lock - actual width 3.55m - maximum vessel width 3.35m
- OSTRÓDA lock - actual width 3.20m - maximum vessel width 3.00m
- MAŁA RUŚ lock - actual width 3.25m - maximum width of the vessel 3.00m

At the same time, we would like to inform you that due to the intensification of water shortages in the Jeziorak System, the transit depth in the Łława channel has decreased by 20 cm, which may cause difficulties in navigation. Special caution should be exercised in km 3+600 to 6+500 (before the bridge in Dębinka and the Ligowo safety gates).

Water Supervision in Ostroda informs that on June 28, 2023 there was a failure of the mechanisms driving the gates of the **Zielona lock**. Due to the situation, the sluice service is operating in emergency mode - manual operation

River Basin Management in Chojnice

Brda at km 0+000 - 14+800.

Czersko Polskie lock - operational - possibility of clearance at set times.

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.