

Fairway information

Regional Water Management Authority in Gdansk provides fairway information for the Inland Waterway as of 16.09.2022 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]
Szarpawa								
Tujsk	16,8	590	468	-15	-	-	-	-
Tuga								
Nowy Dwór Gdański	10,7	590	475	-7	-	-	-	-
Elbląg								
Elbląg	-	610	474	-10	-	-	-	-
Nogat								
Biała Góra - WG	0,5	-	105	3	-	-	-	-
Biała Góra - WD	0,5	-	125	1	-	-	-	-
Szonowo - WG	14,4	-	596	0	-	-	-	-
Szonowo - WD	14,4	-	464	2	-	-	-	-
Rakowiec - WG	24	-	462	-2	-	-	-	-
Rakowiec - WD	24	-	154	-6	-	-	-	-
Michałowo - WG	36,6	-	160	0	-	-	-	-
Michałowo - WD	36,6	-	484	2	-	-	-	-
Elbląg Canal								
Całuny - WD	46,3	-	478	-2	-	-	-	-
Buczyniec - WG	36,6	-	873	0	-	-	-	-
Vistula at km 830,0 – 942,3								
Grudziądz	834,95	650	166	+8	-	11,2	234° / 0,4	-
Tczew	908,65	820	250	+7	-	12,0	-	-
Gdańska Głowa	931,20	810	494	+7	-	-	-	-
Przegalina	936,0	700	496	+10	-	-	-	-
Świbno	939,0	680	492	+7	16,7	12,1	213° / 3,0	-
Ujście	941,0	680	491	-7	-	-	-	-

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	106	-9	-	-	-	-
Toruń	734,7	650	114	+6	16,3	9,5	-	-
Fordon	774,9	650	125	+8	-	-	-	-
Chełmno	806,8	630	152	-10	-	-	-	-
Elbląg Canal								
Ostróda - WG	15,161	620	616	-1	-	-	-	-
Ostróda - WD	15,219	460	443	0	-	-	-	-
Mała Ruś - WG	19,23	771	770	0	-	-	-	-
Mała Ruś - WD	19,282	620	617	0	-	-	-	-
Miłomłyn- WG	0,051	910	891	-1	-	-	-	-
Miłomłyn -WD	0,133	610	610	0	-	-	-	-
Zielona - WG	4,61	616	609	0	-	-	-	-
Zielona - WD	4,656	453	436	0	-	-	-	-
Iława	32,377	940	897	0	17,5	-	-	-
Brda – the Vistula-Oder waterway at km 0+000 - 14+800								
Czersko Polskie Lock – lower position	1+400	150 / 740	128	+8				740
Czersko Polskie Lock – upper position	1+400	207 / 253	226	0				253
urban Lock No 2 – lower position	12+400	222 / 333	290	0				333
urban Lock No 2 – upper position	12+400	533 / 642	590	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

2. Navigational situation

Fairway condition

Section	KM	Status	Depth measurement /2022/		Current state	
			Water level [cm]	Fairway depth [cm]	Water level [cm]	Fairway depth [cm]
Szkarpawa	25,4	Open	521	230	468	177
Wisła Królewiecka	11,9	Open	510	160	468	118
Tuga	11,9	Closed	-	-	-	-
Nogat (62,0 km)	0,400-14,500	Open (restrictions)	200	190	125	115
	14,500-24,000	Open	470	190	464	184
	24,000-38,600	Open (restrictions)	202	180	154	132
	38,600-62,000	Open (restrictions)	534	180	484	130
Jagiellonian Canal	4,7	Open (restrictions)	522	210	484	172
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	478	96
The Elbląg Canal system above the Buczyniec ramp in the direction of Miłomłyn	-	Open (restrictions)	905	160	873	128
Vistula	830,0-867,0	Open	215	80	166	31
Vistula	867,0-886,0	Open	202	80	148	26
Vistula	886,0-909,0	Open	160	116	102	58
Vistula	909,0-942,3	Open	324	170	250	81
Martwa Wisła Vb	0+000 – 11+500	Open	515	400	479	436

Section	KM	Status	Depth measurement		Current state	
			Water level [cm]	Fairway depth [cm]	Water level [cm]	Fairway depth [cm]
			Depth measurement 13.08.2022		WZ Toruń	
Vistula	680,0 – 718,0	Open	131	25	114	10
			Depth measurement 13.08.2022		WZ Toruń	
Vistula	718 - 771,4	Open	131	60	105	35
			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	162	65
Elbląg Canal – all sections	-	Open	Water level [cm]	Fairway depth [cm]	Water level [cm]	Fairway depth [cm]
			-	-	-	110-120
			Depth measurement 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	130
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 7 AM – 7 PM Saturday-Sunday, Holidays
Szonowo	14,500	Available	9 AM – 5 PM Monday – Friday 7 AM – 7 PM Saturday-Sunday, Holidays
Rakowiec	24,000	Available	9 AM – 5 PM Monday – Friday 7 AM – 7 PM Saturday-Sunday, Holidays
Michałowo	38,600	Available	9 AM – 5 PM Monday – Friday 7 AM – 7 PM Saturday-Sunday, Holidays

Elbląg Canal			
Name	KM	Status	Opening hours
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
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	9 AM – 7 PM Monday - Sunday
Ostróda	15,188	Available	9 AM – 7 PM Monday - Sunday
Mała Ruś	19,233	Available	9 AM – 7 PM Monday - Sunday
Zielona	4,63	Available	9 AM – 7 PM Monday - Sunday
Brda			
Czersko Polskie Lock	1+400	Closed	7 AM – 3 PM Monday – Sunday
Urban Lock No 2	12+400	Available	7 AM – 7 PM Monday - Sunday

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.

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 towards the Vistula Lagoon, at the length of 30 m, there is a depth restriction of 115 cm with the water level of 125 cm at the water gauge located at the lower station of the Biała Góra 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 132 cm with the water level of 154 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 130 cm with the water level of 484 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 172 cm with the water level of 484 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 96 cm with the water level of 478 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, 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 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 - 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.