

Fairway information

Regional Water Management Authority in Gdansk provides fairway information for the Inland Waterway as of **18.09.2023 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	530	12	-	-	-	-
Tuga								
Nowy Dwór Gdański	10,9	590	527	13	-	-	-	-
Elbląg								
Elbląg	-	610	534	12	-	-	-	-
Nogat								
Biała Góra - WG	0,5	-	132	2	-	-	-	-
Biała Góra - WD	0,5	-	140	-5	-	-	-	-
Szonowo - WG	14,4	-	612	-6	-	-	-	-
Szonowo - WD	14,4	-	458	-2	-	-	-	-
Rakowiec - WG	24	-	458	0	-	-	-	-
Rakowiec - WD	24	-	176	6	-	-	-	-
Michałowo - WG	36,6	-	170	0	-	-	-	-
Michałowo - WD	36,6	-	524	8	-	-	-	-
Elbląg Canal								
Całuny - WD	46,3	-	518	-	-	-	-	-
Buczyniec - WG	36,6	-	875	-	-	-	-	-
Vistula at km 830,0 – 942,3								
Grudziądz	834,95	650	186	0	-	19,9	80° /0,6	-
Tczew	908,65	820	281	-4	-	15,0	-	-
Gdańska Głowa	931,20	810	524	-5	-	-	-	-
Przegalina	936,0	700	bd	bd	-	-	-	-
Świbno	939,0	680	521	-4	20,2	21,7	134° /3,0	-
Ujście	941,0	680	519	-3	-	-	-	-
Sobieszewo	9,650	570	513	+5	-	-	-	-
Nowy Port	-	570	512	+6	19,7	18,5	-	-

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	115	-5	-	-	-	-
Toruń	734,7	650	136	-10	20,1	15,1	-	-
Fordon	774,9	650	144	-2	-	-	-	-
Chełmno	806,8	630	177	0	-	-	-	-
Elbląg Canal								
Ostróda - WG	15,161	620	596	0	-	-	-	-
Ostróda - WD	15,219	460	438	0	-	-	-	-
Mała Ruś - WG	19,23	771	763	0	-	-	-	-
Mała Ruś - WD	19,282	620	596	0	-	-	-	-
Miłomłyn- WG	0,051	910	884	-1	-	-	-	-
Miłomłyn - WD	0,133	610	604	0	-	-	-	-
Zielona - WG	4,61	616	603	0	-	-	-	-
Zielona - WD	4,656	453	431	0	-	-	-	-
Iława	32,377	940	888	0	21,9	-	-	-
Brda – the Vistula-Oder waterway at km 0+000 - 14+800								
Czersko Polskie Lock – lower position	1+400	150 / 740	145	-9	-	-	-	740
Czersko Polskie Lock – upper position	1+400	207 / 253	226	-3	-	-	-	253
urban Lock No 2 – lower position	12+400	222 / 333	278	-2	-	-	-	333
urban Lock No 2 – upper position	12+400	533 / 642	586	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 /2023/		Current state	
			Water level [cm]	Fairway depth [cm]	Water level [cm]	Fairway depth [cm]
Szkarpawa	25,4	Open	544	250	530	236
Wiśła Królewiecka	11,9	Open	536	170	530	164
Tuga	11,9	Open	510	120	527	137
Nogat (62,0 km)	0,400-14,500	Open (restrictions)	188	180	140	132
	14,500-24,000	Open	476	200	458	182
	24,000-38,600	Open (restrictions)	208	190	176	158
	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	518	136
The Elbląg Canal system above the Buczyniec ramp in the direction of Miłomłyn	-	Open (restrictions)	905	160	875	130
Vistula water gauge Grudziądz	830,0-867,0	Open	Depth measurement - 12-13.06, 20-21.06.2023			
			220	90	186	56
Vistula water gauge Korzeniewo	867,0-886,0	Open	Depth measurement - 12-13.06, 20-21.06.2023			
			210	100	186	76
Vistula water gauge Biała Góra	886,0-909,0	Open	Depth measurement - 12-13.06, 20-21.06.2023			
			160	130	176	146
			Depth measurement - 12-13.06, 20-21.06.2023			
Vistula water gauge Tczew	909,0-942,3	Open	328	140	281	93

Martwa Wisła water gauge Sobieszewo	0+000 – 11+500	Open	Depth measurement - 05.04.2023			
			510	380	513	368
Motława water gauge Gdańsk Nowy Port	0,00-0,85	Open	Depth measurement - 24.05.2023			
			496	200	512	217

Section	KM	Status	Depth measurement		Current state	
			Water level [cm]	Fairway depth [cm]	Water level [cm]	Fairway depth [cm]
			Depth measurement 08.09.2023 r.		WZ Toruń	
Vistula	680,0 – 718,0	Open	198	70	136	10
			Depth measurement 08.09.2023 r.		WZ Toruń	
Vistula	718 - 771,4	Open	198	100	136	40
			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	177	60
Elbląg Canal – all sections	-	Open	Water level [cm]	Fairway depth [cm]	Water level [cm]	Fairway depth [cm]
			-	-	443	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	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
Szkarpawa			
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	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	Closed	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 132 cm with a water level of 140 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 158 cm with a water level of 176 cm on the gauge staff of the lower position of the Rakowiec lock.**
- **At km 39+000 of the waterway, i.e. below the Michałowo lock in the direction of the Vistula Lagoon, at a length of 20 m, respectively, there is a depth limit of 168 cm with a water level of 524 cm on the gauge staff 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, , at a length of 20 m and 10 m, respectively, there is a depth limit of 202 cm with a water level of 524 cm on the gauge staff of 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 136 cm at the water level of 518 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, Bartożek 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 130 cm at the water level of 875 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 achieve the minimum water level on Lake Pauzeńskie, which is currently below the minimum.

River Basin Management in Chojnice

Brda at km 0+000 - 14+800.

Czersko Polskie lock – temporary closed due to low water levels downstream

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.