

Fairway information

Regional Water Management Authority in Cracow provides fairway information for inland Water-way on the **Vistula River** km 0 +600 ÷ 295 +200 as of date 02.10.2024 at 06:00 am UTC

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] |
|-----------------|---------|-------------------|------------------|-----------------------|------------------------|----------------------|-----------------------------------|-----------------------------------|
| Pustynia | 0+450 | 480 | 220 | 2 | no data | 7 | no data | 330 |
| Las | 16+000 | 550 | 177 | 2 | no data | 8 | no data | 400 |
| Smolice | 23+300 | 630 | no data | - | no data | 7 | no data | 450 |
| Czernichów-Prom | 45+600 | 840 | 188 | 33 | no data | 6 | no data | 580 |
| Kraków-Bielany | 69+350 | 520 | no data | - | no data | 6 | no data | 370 |
| Sierosławice | 130+750 | 700 | no data | - | no data | 6 | no data | 530 |
| Popędzyna | 138+050 | 750 | 190 | -12 | no data | 6 | no data | 580 |
| Karsy | 166+100 | 750 | 123 | -9 | no data | 6 | no data | 550 |
| Szczucin | 194+050 | 660 | 111 | -9 | no data | 5 | no data | 460 |
| Koło | 241+000 | 680 | 138 | -3 | no data | 5 | no data | 460 |
| Sandomierz | 268+300 | 610 | 98 | -8 | 15 | 5 | no data | 460 |
| Zawichost | 287+350 | 620 | 202 | 0 | 14.1 | 5 | no data | 480 |

Source: Institute of Meteorology and Water Management – State Research Institute

For information about current water levels please visit the page: www.meteo.imgw.pl

2. Navigational situation

Fairway condition

| Section Km | Category | Status | Polling Date | State on a given day [cm] | | Current state [cm] | |
|--|----------|--------|--------------|---------------------------|--------------------|--------------------|--------------------|
| | | | | Water level | Fairway depth Min. | Water level | Fairway depth Min. |
| 0+600 Vistula River to Dwory Lock (2+833 Dwory Canal) | IV* | closed | 25.04.2023 | 230 | 80 | 220 | 70 |
| Dwory Lock (2+833 Dwory Canal) to Smolice Lock (1+020 Smolice Canal) | IV* | closed | 25.04.2023 | 180 | 60 | 177 | 57 |
| Smolice Lock (1+020 Smolice Canal) to Borek Szlachecki Lock (15+500 Łączany Skawina Canal) | II | closed | 27.04.2023 | 138 | 90 | no data | - |
| Borek Szlachecki Lock (15+500 Łączany Skawina Canal) to Kościuszko Water Step km 66+400 Vistula River | III | open | 24.04.2023 | 226 | 140 | 188 | 102 |
| Kościuszko Water Step km 66+400 Vistula River to Przewóz Lock km 92+600 Vistula River | III | open | 24.04.2023 | 178 | 80 | no data | - |
| Przewóz Lock km 92+600 Vistula River to Mouth of the Raba River km 134+600 Vistula River | Ib | open | 02.05.2023 | 213 | 60 | no data | - |
| Mouth of the Raba River km 134+600 Vistula River to Mouth of the Dunajec River km 160+600 Vistula River | Ib | open | 02.05.2023 | 213 | 50 | 190 | 27 |
| Mouth of the Dunajec River km 160+600 Vistula River to Mouth of the Nida River km 175+400 Vistula River | Ib | open | 04.05.2023 | 220 | 230 | 123 | 133 |
| Mouth of the Nida River km 175+400 Vistula River to Mouth of the Czarna Staszowska km 222+300 Vistula | Ib | open | 17.04.2024 | 176 | 60 | 111 | 0 |
| Mouth of the Czarna Staszowska 222+300 Vistula River to Mouth of the Koprzywianka km 267+300 Vistula River | Ib | open | 17.04.2024 | 215 | 80 | 138 | 3 |
| Mouth of the Koprzywianka km 267+300 Vistula River to Mouth of the San River km 279+500 Vistula River | Ib | open | 17.04.2024 | 198 | 100 | 98 | 0 |

| | | | | | | | |
|---|----|------|------------|-----|-----|-----|----|
| Mouth of the San River km 279+500 Vistula River to Mouth of the Sanna River km 295+200 Vistula River | lb | open | 17.04.2024 | 286 | 100 | 202 | 16 |
|---|----|------|------------|-----|-----|-----|----|

** the Pogędzynka water gauge is representative of the section of the navigable route from the Przewóz lock to the mouth of the Dunajec River, due to the lack of data from the Sierostawice water gauge on the day of sounding

Lock status

| Name | Km | Status | Open time |
|------------------|------------------------------|--------|-------------------|
| Dwory | 2+833 canal Dwory | closed | - |
| Smolice | 1+020 canal Smolice | closed | From dawn to dusk |
| Borek Szlachecki | 15+550 canal łączany Skawina | closed | From dawn to dusk |
| Kościuszko | 66+400 Vistula river | open | From dawn to dusk |
| Dąbie | 80+875 Vistula river | closed | From dawn to dusk |
| Przewóz | 92+600 Vistula river | closed | - |

3. Notices to Skippers

Due to the stabilization of the hydrological situation and the lowering of the Vistula river to the zone of medium states, from September 20, 2024, the shipping route is opened for the traffic of vessels from km 57+800 to km 80+900 (Dąbie Water Barrage).

[Details in notice to skippers No. 29/2024](#)

Due to water level sensors failure, the lock at Dąbie barrage is closed to shipping traffic from July 2, 2024 until further notice.

[Details in notice to skippers No. 24/2024](#)

Due to repeated low conditions water levels and flows in the Vistula riverbed, in order to ensure appropriate water management on the Kościuszko Water Barrage and systematizing the operation of the Kościuszko lock in the conditions intensive tourist traffic, from July 1, 2024, the following locking hours will be introduced on all days of the week from dawn to dusk:

upstream: 7:00 9:30 11:15 14:00 16:00 18:30 20:30

down the river: 6:00 8:00 10:30 13:00 15:30 17:30 19:30

Due to the above, navigation messages No. 5/2022 and No. 16/2022 regarding the schedule operation of the Kościuszko lock expire.

State services during the intervention (including: Police, Army, WOPR) and PGW Water units when performing necessary work on the facility and the trail, Polish ones are not subject to the designated framework time of operation of the Kościuszko lock.

[Details in notice to skippers No. 23/2024](#)

In connection with the extension of works consisting in replacement of the control cabinet, the lock in Borek Szlachecki will be closed to shipping traffic from May 19, 2024 until cancellation.

[Details in notice to skippers No. 18/2024](#)

Due to the disappearance of ice phenomena, from February 16, 2024, the locks at the ZOH łączany (lock Borek Szlachecki), Kościuszko and Dąbie, will be open for navigation. Due to ongoing failures and renovation works, the locks at the Dwory, Smolice and Przewóz water stages remain closed to navigation until further notice.

[Details in notice to skippers No. 8/2024](#)

Due to the commencement of repair work on the left span of the floodgate on the łączany-Skawina Canal on June 27, the left span will be closed to navigation until further notice and navigation will be carried out on the right span.

[Details in notice to skippers No. 21/2023](#)

From 14 June 2022, the shipping lane on the Vistula River from 61+200 km (Tyniec) to 79+150 km is marked in accordance with Art. 5.02 of the Regulation of the Minister of Infrastructure of 28 April 2003 on navigation regulations on inland waterways (Dz.U. /Journal of Laws/ of 2003, No. 212, item 2027) and complies with the requirements governing the rules of night navigation.

[Details in notice to skippers No.13/2022](#)

From May 17, 2022 on the section of the Vistula River from km 223+600 - 223+700, due to the low flow in the river and periodic activation of the damming of the Połaniec Power Plant, located at km 223+650 of the Vistula River, there may be difficulties in navigation.

[Details in notice to skippers No. 8/2022](#)

The shipping route on the section from km 0+600 to km 295+200 of the Vistula River, is open to navigation with the limitation of its parameters indicated in the annexes: [difficulties 1](#), [difficulties 2](#), [difficulties 3](#), [difficulties 4](#), [difficulties 5](#), [difficulties 6](#).

*Note: the class IV waterway under construction (damming at the Dwory and Smolice steps is 1.0 m lower than the target).