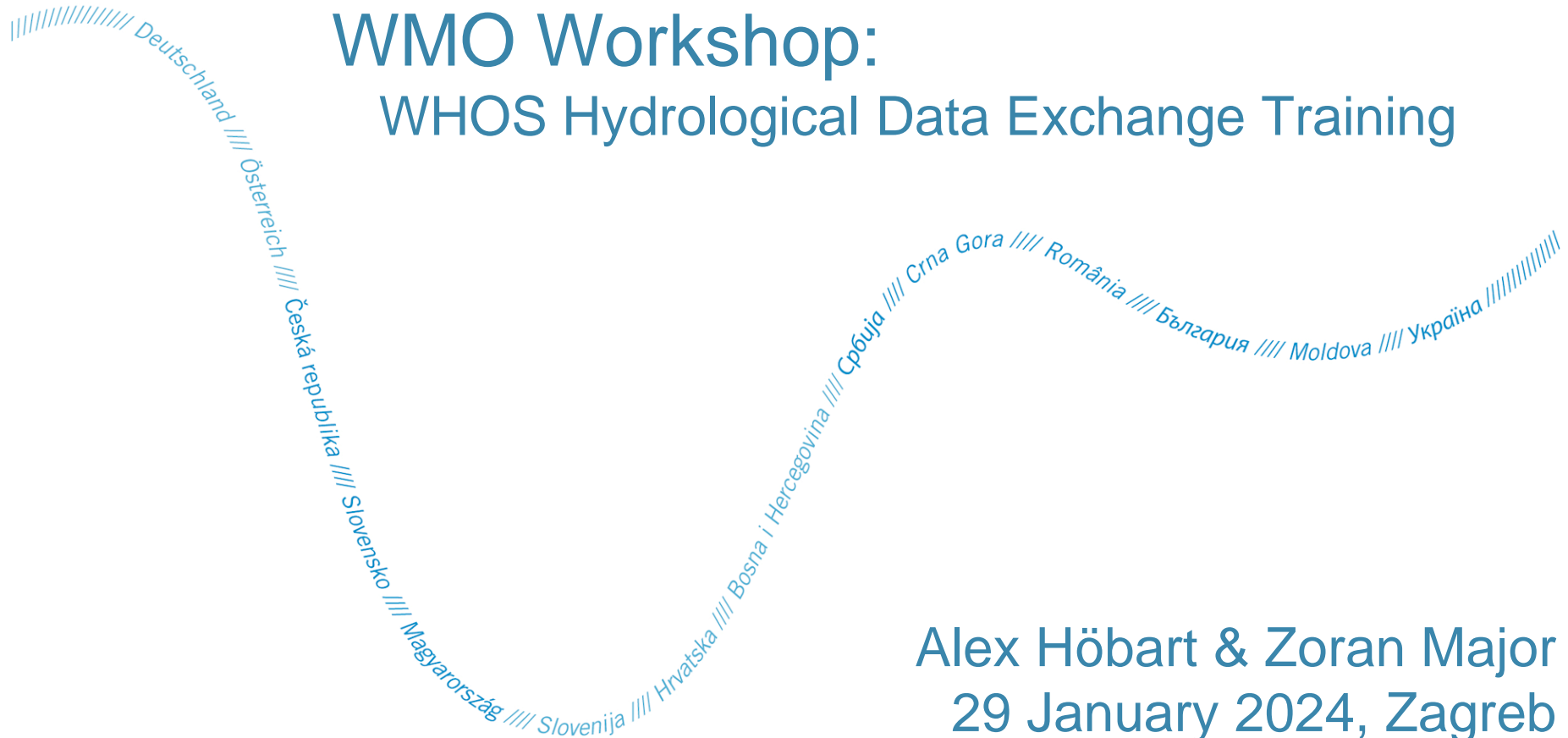


WMO Workshop: WHOS Hydrological Data Exchange Training



Alex Höbart & Zoran Major
29 January 2024, Zagreb

CHECK YOUR RIVER WATER LEVEL

[VIEW LATEST MEASUREMENTS](#)

Welcome to the Danube River Basin Hydrological Information System - in short: DanubeHIS!

1065

active stations

580

validated time series

1208

current measurements

Featured results: Measurements with highest percentage increase in last 24 hours

Station	Property	Time ago	Value	24h-Change	10d-Situation	
Zell am Ziller-Zellbergeben AT	Current river discharge	1 hour 10 min	71 m ³ /s	232 %		more ▾
Donji Miholjac C.S. HR	Current water level	2 hours 10 min	51 cm	168 %		more ▾
Krvavec SI	Total precipitation within an hour	2 hours 10 min	0.4 mm	100 %		more ▾
Felsőberekci HU	Current water temperature	8 hours 10 min	0.9 °C	80 %		more ▾
Amlach AT	Current river discharge	1 hour 10 min	148 m ³ /s	69 %		more ▾
Tiszalök-alsó HU	Current water temperature	8 hours 10 min	2.2 °C	57 %		more ▾
Tiszalök-felső HU	Current water temperature	8 hours 10 min	2.2 °C	57 %		more ▾
Hart im Zillertal AT	Current river discharge	1 hour 10 min	106 m ³ /s	53 %		more ▾
Amlach AT	Current water level	1 hour 10 min	125 cm	45 %		more ▾
Almár HU	Current river discharge	3 hours 10 min	0.77 m ³ /s	43 %		more ▾

→ [View a map with all latest measurements of water level and other properties](#)

VISIT OUR OTHER SITES:

Water levels

Disclaimer: Please note that this is operational raw data and not quality checked - [More detailed information](#)

LATEST MEASUREMENTS OF CURRENT WATER LEVEL (CM)

Country: Sub-basin: River:

APPLY FILTER **RESET**

Current water level: **GO**



Station	Time ago	Value	Interval	24h-Change	10d-Situation	more
Kurd HU	2 hours 19 min	105.00 cm	1.0 h	downward		more
Landeck-Bruggen AT	1 hour 34 min	195.10 cm	0.3 h	unavailable		more
Landeck-Perjen AT	1 hour 19 min	219.90 cm	0.5 h	upward		more
Landsberg DE	1 hour 4 min	130.00 cm	0.3 h	downward		more
Landshut Birket DE	1 hour 4 min	124.00 cm	0.3 h	downward		more
Lanžhot CZ	2 hours 19 min	140.00 cm	1.0 h	downward		more
Laško I SI	1 hour 49 min	109.00 cm	1.0 h	downward		more
Laufen S. Keller DE	1 hour 4 min	107.00 cm	0.3 h	upward		more
Launsdorf AT	1 hour 19 min	93.00 cm	0.5 h	downward		more
Leibnitz AT	1 hour 49 min	160.00 cm	0.5 h	downward		more
Lenartovce SK	1 hour 19 min	99.00 cm	1.0 h	downward		more
Letenye HU	2 hours 19 min	157.00 cm	2.0 h	upward		more
Lieboch AT	1 hour 49 min	250.10 cm	0.5 h	downward		more
Lienz AT	1 hour 19 min	217.60 cm	0.5 h	upward		more
Linz AT	1 hour 19 min	377.00 cm	0.5 h	downward		more
Litija I SI	1 hour 49 min	102.00 cm	1.0 h	downward		more
Ljubičevski most RS	2 hours 19 min	-224.00 cm	1.0 h	downward		more
Ljubniči BA	2 hours 19 min	76.80 cm	0.5 h	unavailable		more
Lugoj RO	1 day 10 hours	30.00 cm	24.0 h	upward		more

Stations 24h-Change: ▾...downward ▴...upward ◻...static ●...unavailable

Results	Earliest	Latest	Minimum	Maximum
427	14.01.2024 16:00	17.01.2024 14:15	-392.00	786

Discharge (changed background layers example)

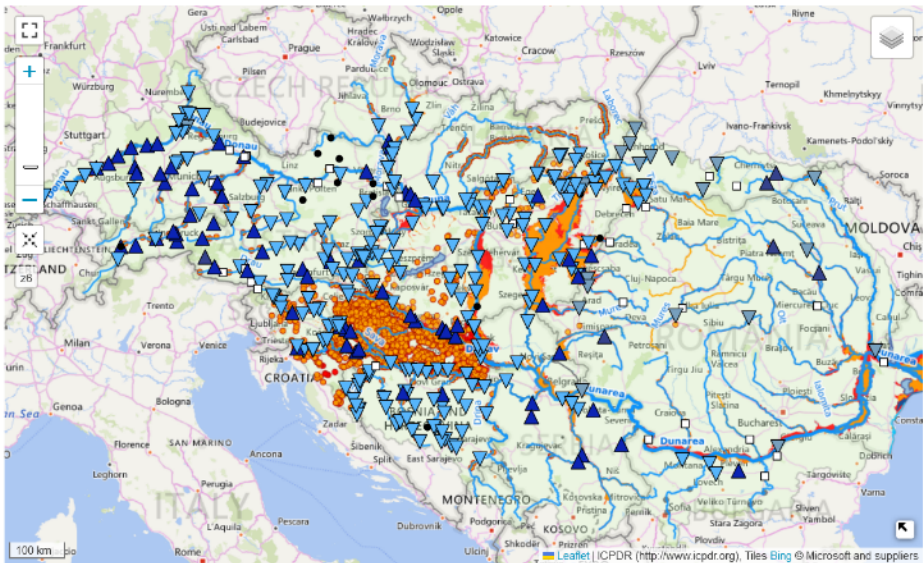
Disclaimer: Please note that this is operational raw data and not quality checked - [More detailed information](#)

LATEST MEASUREMENTS OF CURRENT RIVER DISCHARGE (M³/S)

Country: Sub-basin: River:

APPLY FILTER **RESET**

Current river discharge ▾ **GO**



Station	Time ago	Value	Interval	24h-Change	10d-Situation
Achleiten AT	1 hour 29 min	1,302.00 m ³ /s	0.5 h static		more
Admont (Enns) AT	1 hour 59 min	45.80 m ³ /s	0.5 h downward		more
Ágárdómajor HU	2 hours 29 min	3.58 m ³ /s	1.0 h static		more
Alba Iulia RO	1 day 10 hours	61.70 m ³ /s	24.0 h downward		more
Alexandria RO	1 day 10 hours	2.14 m ³ /s	24.0 h static		more
Algyő HU	8 hours 29 min	1,490.00 m ³ /s	24.0 h downward		more
Aljmaš HR	2 hours 29 min	4,513.90 m ³ /s	1.0 h downward		more
Almár HU	3 hours 29 min	0.77 m ³ /s	1.0 h upward		more
Amlach AT	1 hour 29 min	148.00 m ³ /s	0.5 h upward		more
Ampermoching DE	1 hour 14 min	43.90 m ³ /s	0.3 h upward		more
Angern an der March AT	1 hour 29 min	144.00 m ³ /s	0.5 h downward		more
Arad RO	1 day 10 hours	136.00 m ³ /s	24.0 h downward		more
Árpás HU	2 hours 29 min	53.30 m ³ /s	1.0 h downward		more
Augsburg uh Wertach DE	1 hour 14 min	112.00 m ³ /s	0.3 h upward		more
Babócsai Rinya Babócsa HU	2 hours 29 min	3.28 m ³ /s	1.0 h upward		more
Bad Ischl (Maxquelle) AT	1 hour 29 min	15.80 m ³ /s	0.5 h downward		more
Baja HU	2 hours 29 min	3,277.00 m ³ /s	1.0 h unavailable		more
Bakonszeg zsilip alvz HU	8 hours 29 min	2.04 m ³ /s	24.0 h static		more
Balassagyarmat HU	2 hours 29 min	20.50 m ³ /s	1.0 h downward		more

Stations 24h-Change: ▾...downward ▲...upward ◻...static ●...unavailable

Results	Earliest	Latest	Minimum	Maximum
368	14.01.2024 21:00	17.01.2024 14:15	0.20	9,930

Data sources: **AT:** BML **BA:** AVPS, FHMZ, RHMZRS **BG:** NIMH **CZ:** CHMI **DE:** LFU, LUBW **HR:** DHMZ **HU:** OVf **RO:** NIHWm **RS:** RHMSS **SI:** ARSO **SK:** SHMU **UA:** UHMC

All times in timezone Europe/Vienna.

Hourly Precipitation

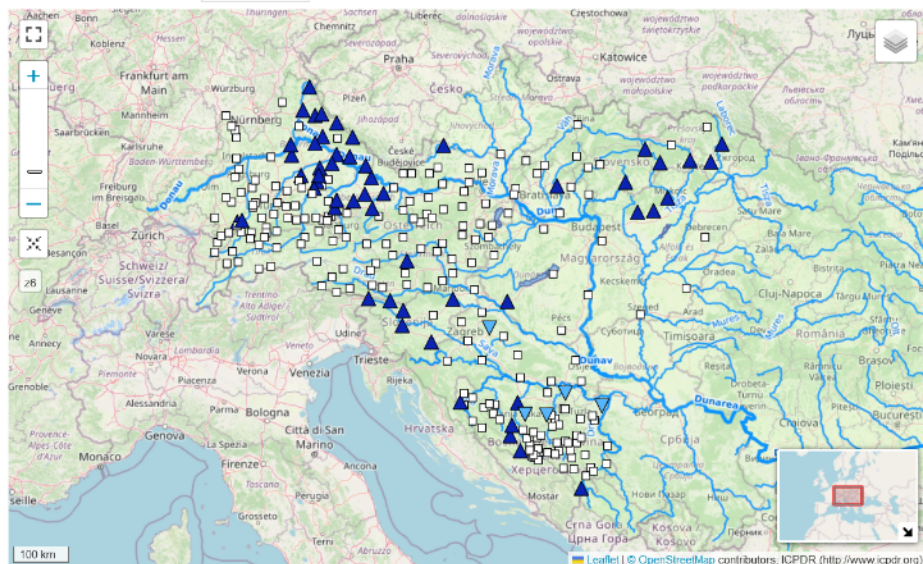
Disclaimer: Please note that this is operational raw data and not quality checked - [More detailed information](#)

LATEST MEASUREMENTS OF TOTAL PRECIPITATION WITHIN AN HOUR (MM)

Country: Sub-basin: River:

APPLY FILTER **RESET**

Total precipitation within an hour: **GO**



Stations 24h-Change: ▾ ...downward ▲ ...upward ◻ ...static ● ...unavailable

Station	Time ago	Value	Interval	24h-Change	10d-Situation
Afrizt AT	1 hour 36 min	0.00 mm	1.0 h static	—	more
Ahofling DE	21 min 8 sec	0.06 mm	0.1 h upward	—	more
Almsee-Fischerau AT	1 hour 36 min	0.00 mm	1.0 h static	—	more
Altusried-Muthmannshofen DE	21 min 8 sec	0.00 mm	0.1 h static	—	more
Ampfing (Klaeranlage) DE	21 min 8 sec	0.03 mm	0.1 h upward	—	more
Assling DE	21 min 8 sec	0.00 mm	0.1 h static	—	more
Aying (Brauerei) DE	21 min 8 sec	0.00 mm	0.1 h static	—	more
Babamovac BA	1 hour 36 min	0.00 mm	1.0 h static	—	more
Babin Do BA	2 hours 36 min	0.00 mm	1.0 h static	—	more
Banja Luka BA	1 hour 36 min	0.02 mm	1.0 h upward	—	more
Banja Vrucica BA	14 hours 36 min	0.00 mm	1.0 h downward	—	more
Bechhofen/Mittelfranken -Voggendorf DE	21 min 8 sec	0.00 mm	0.1 h static	—	more
Bekescsaba repuloter HU	36 min 8 sec	0.00 mm	1.0 h static	—	more
Berchtesgaden/Jenner DE	21 min 8 sec	0.00 mm	0.1 h static	—	more
Bernbeuren-Prachtsried DE	21 min 8 sec	0.05 mm	0.1 h upward	—	more
Bihac BA	1 hour 36 min	0.10 mm	1.0 h upward	—	more
Bijela Voda BA	1 hour 36 min	0.00 mm	1.0 h static	—	more
Bijeljina BA	14 hours 36 min	0.00 mm	1.0 h downward	—	more
Bila BA	1 hour 36 min	0.00 mm	1.0 h static	—	more

Results	Earliest	Latest	Minimum	Maximum
267	17.01.2024 01:00	17.01.2024 15:15	0.00	1.4

Data sources: **AT:** BML **BA:** AVPS, FHMZ, RHMZRS **CZ:** CHMI **DE:** LFU **HR:** DHMZ **HU:** OMSZ **SI:** ARSO **SK:** SHMU

All times in timezone Europe/Vienna.

Daily Precipitation

(Sub-basin filter and sorting example)

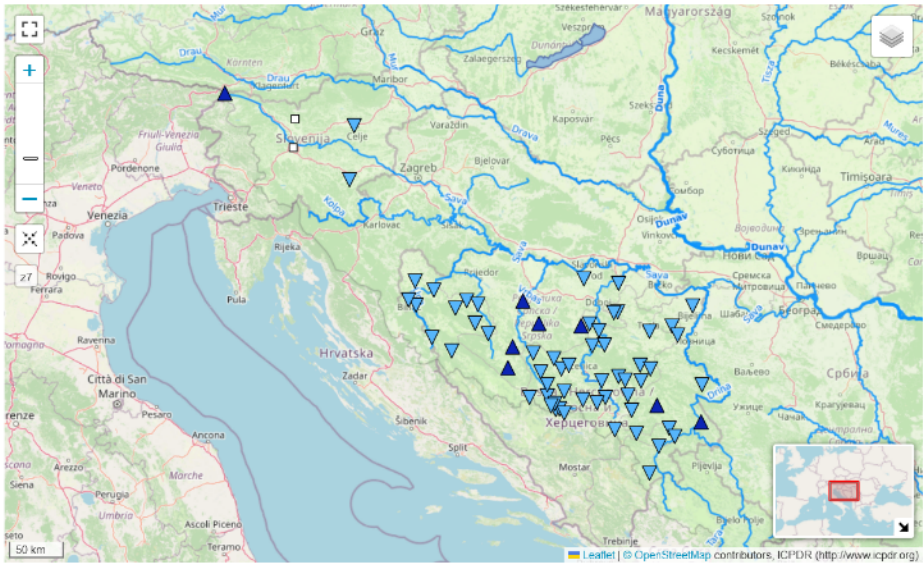
Disclaimer: Please note that this is operational raw data and not quality checked - [More detailed information](#)

LATEST MEASUREMENTS OF TOTAL PRECIPITATION WITHIN A DAY (MM)

Country: <Any> ▾ Sub-basin: 08 Sava (SI, HR, BA, RS) ▾ River: <Any> ▾

APPLY FILTER **RESET**

Total precipitation within a **GO**



Stations 24h-Change: ▾...downward ▲...upward ◻...static ●...unavailable

Station	Time ago	Value [mm]	Interval	24h-Change	10d-Situation
Banja Vrucica BA	16 hours 41 min	2.30 mm		24.0 h upward	more
Babin Do BA	9 hours 41 min	2.10 mm		24.0 h downward	more
Mrkonjic Grad BA	16 hours 41 min	1.90 mm		24.0 h upward	more
Banja Luka BA	16 hours 41 min	1.90 mm		24.0 h upward	more
Kupres BA	9 hours 41 min	1.90 mm		24.0 h downward	more
Kotor Varos BA	16 hours 41 min	1.60 mm		24.0 h upward	more
Krvavec SI	9 hours 41 min	1.40 mm		24.0 h upward	more
Bihać BA	9 hours 41 min	1.40 mm		24.0 h downward	more
Visegrad BA	16 hours 41 min	1.20 mm		24.0 h upward	more
Bijeljina BA	16 hours 41 min	1.20 mm		24.0 h downward	more
Tjentiste BA	16 hours 41 min	1.03 mm		24.0 h downward	more
Modrica BA	16 hours 41 min	0.90 mm		24.0 h downward	more
Srebrenica BA	16 hours 41 min	0.80 mm		24.0 h downward	more
Derventa BA	16 hours 41 min	0.80 mm		24.0 h downward	more
Cazin BA	9 hours 41 min	0.70 mm		24.0 h downward	more
Majevac BA	16 hours 41 min	0.60 mm		24.0 h upward	more
Rmanj Manastir BA	9 hours 41 min	0.50 mm		24.0 h downward	more
Drvar BA	9 hours 41 min	0.50 mm		24.0 h downward	more
Olovo BA	9 hours 41 min	0.40 mm		24.0 h downward	more

Results	Earliest	Latest	Minimum	Maximum
67	17.01.2024 00:00	17.01.2024 07:00	0.00	2.3

Data sources: BA: AVPS, FHMZ, RHMZRS SI: ARSO

All times in timezone Europe/Vienna.

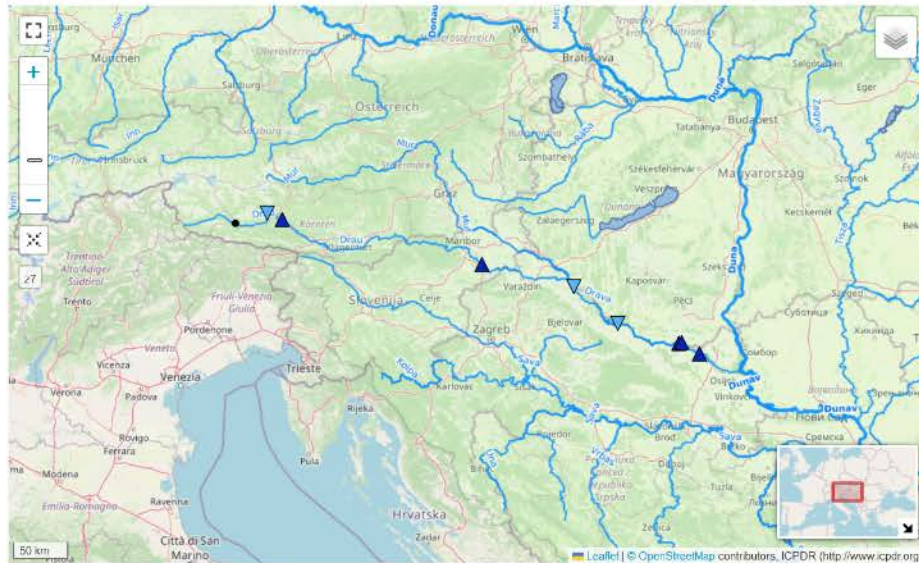
River filter example Sorting by River-km

Disclaimer: Please note that this is operational raw data and not quality checked - [More detailed information](#)

LATEST MEASUREMENTS OF CURRENT RIVER DISCHARGE (M³/S)

Country: Sub-basin: River:

Current river discharge ▾



Stations 24h-Change: ▾...downward ▲...upward □...static ●...unavailable

River-km	Station	Time ago	Value	Interval	24h-Change	10d-Situation
612	Oberdrauburg Ort AT	56 min 14 sec	25.40 m ³ /s	0.3 h	unavailable	more
573	Sachsenburg Süd AT	41 min 14 sec	27.30 m ³ /s	0.5 h	downward	more
555	Amlach AT	41 min 14 sec	148.00 m ³ /s	0.5 h	upward	more
335	Ptuj SI	1 hour 11 min	350.10 m ³ /s	1.0 h	upward	more
228	Botovo HR	1 hour 41 min	390.60 m ³ /s	1.0 h	downward	more
154	Terezino Polje HR	1 hour 41 min	503.40 m ³ /s	1.0 h	downward	more
82	Donji Miholjac C.S. HR	1 hour 41 min	530.70 m ³ /s	1.0 h	upward	more
78	Dráva Drávaszabolcs HU	1 hour 41 min	555.10 m ³ /s	1.0 h	upward	more
54	Belišće HR	1 hour 41 min	566.60 m ³ /s	1.0 h	upward	more

Results	Earliest	Latest	Minimum	Maximum
9	17.01.2024 14:00	17.01.2024 15:00	25.40	566.6

Data sources: AT: BML HR: DHMZ HU: OVf SI: ARSO

All times in timezone Europe/Vienna.

STATION SI2110_HYDRO: PTUJ



Country	SI
National code	2110
Station type	HYDRO
Name	Ptuj
River	Drava/Drau/Dráva
River-km	335.38
Catchment area	13,664.1 km ²
Subbasin	07 Drava-Mura (AT, SI, HR, HU)
Vertical reference	Trieste
Gauge zero	214.65 m
Latitude	46.41690
Longitude	15.86750
Operator	Slovenian Environment Agency (ARSO)

RESULTS

Property

Current water level (cm)

Current river discharge (m³/s)

Current water temperature (°C)

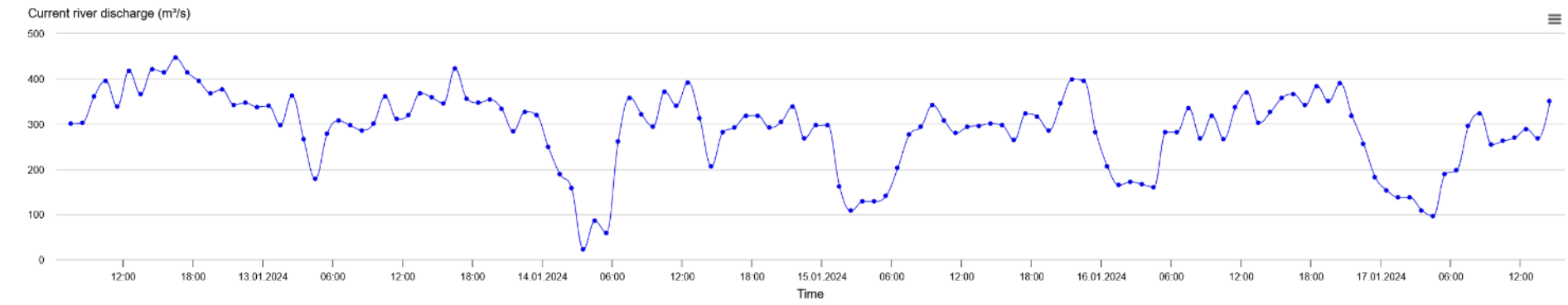
Daily mean river discharge (m³/s)

Daily mean water level (cm)

Daily mean water temperature (°C)

between and Minute

[APPLY FILTER](#)



Time ▾	Value	Unit	Property
17.01.2024 14:30	350.1	m ³ /s	Current river discharge
17.01.2024 13:30	267.2	m ³ /s	Current river discharge
17.01.2024 12:30	288.4	m ³ /s	Current river discharge
17.01.2024 11:30	269.3	m ³ /s	Current river discharge
17.01.2024 10:30	262.3	m ³ /s	Current river discharge
17.01.2024 09:30	254.1	m ³ /s	Current river discharge
17.01.2024 08:30	322.6	m ³ /s	Current river discharge
17.01.2024 07:30	204.9	m ³ /s	Current river discharge

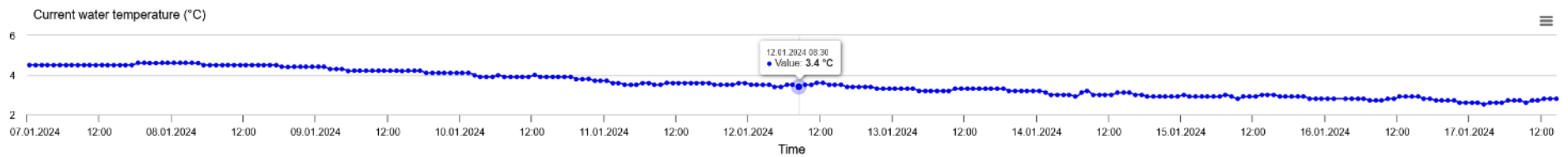
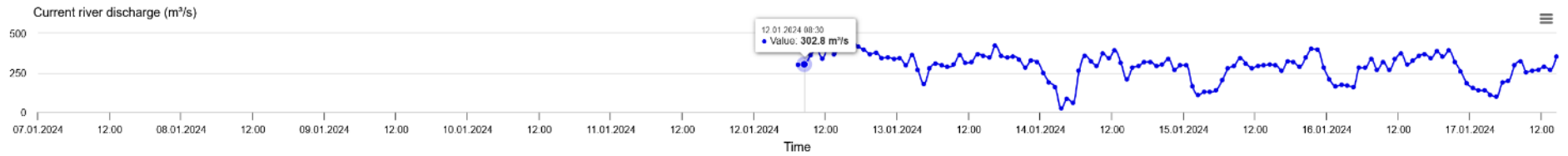
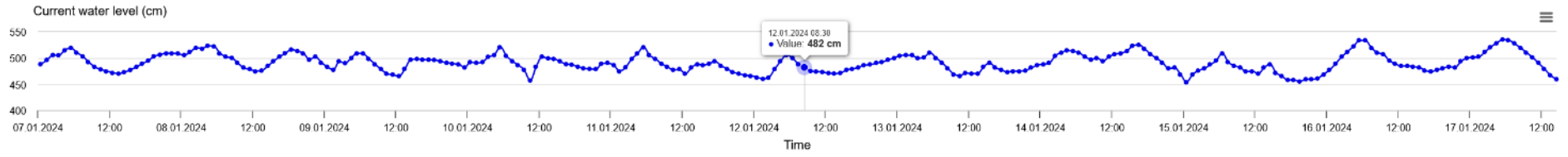
Visulation example of multiple properties

RESULTS

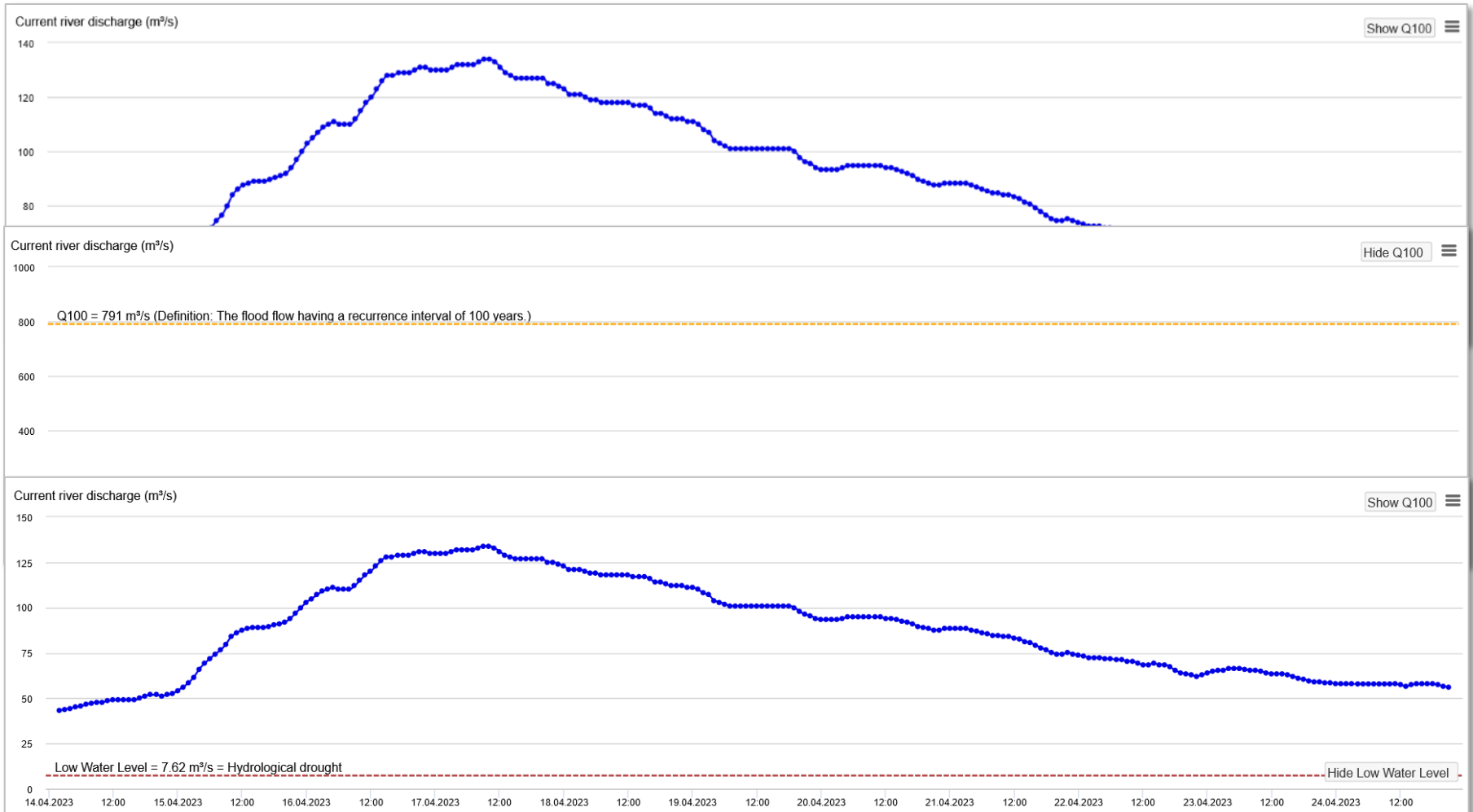
Property

Current water level (cm)
 Current river discharge (m³/s)
 Current water temperature (°C)
 Daily mean river discharge (m³/s)
 Daily mean water level (cm)
 Daily mean water temperature (°C)

between and Minute



Visualisation example of Q100 and Low Water level



Visulation example of long-term time-series

STATION SI2110_HYDRO: PTUJ

ABOUT THIS WEBSITE

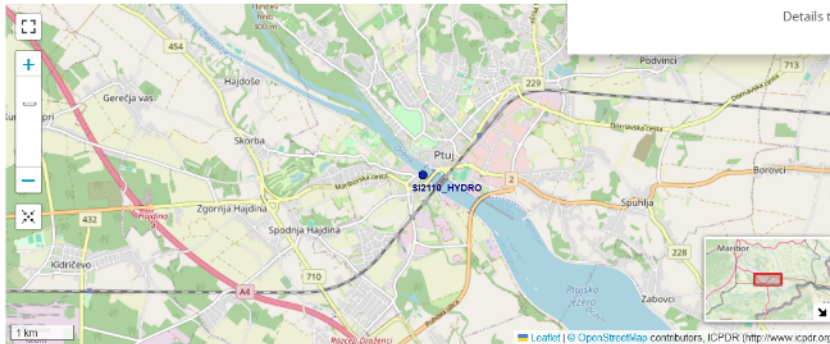
Data providers
ICPDR

STATIONS

Hydrological
Meteorological
Overview map
Details table

DATA ACCESS AND USAGE

Data Policy
Disclaimer
User license agreement



Station type

Name	SI
River	2110
River-km	HYDRO
Catchment area	Ptuj
Subbasin	Drava/Drau/Dráva
Vertical reference	335.38
Gauge zero	13,664.1 km ²
Latitude	07 Drava-Mura (AT, SI, HR, HU)
Longitude	Trieste
Operator	214.65 m
Status	46.41690
Last update	15.86750
	Slovenian Environment Agency (ARSO)
	✓
	17.01.2024 14:05

RESULTS

Property

- Current water level (cm)
- Current river discharge (m³/s)
- Current water temperature (°C)
- Daily mean river discharge (m³/s)
- Daily mean water level (cm)
- Daily mean water temperature (°C)

between

01.01.2000

and

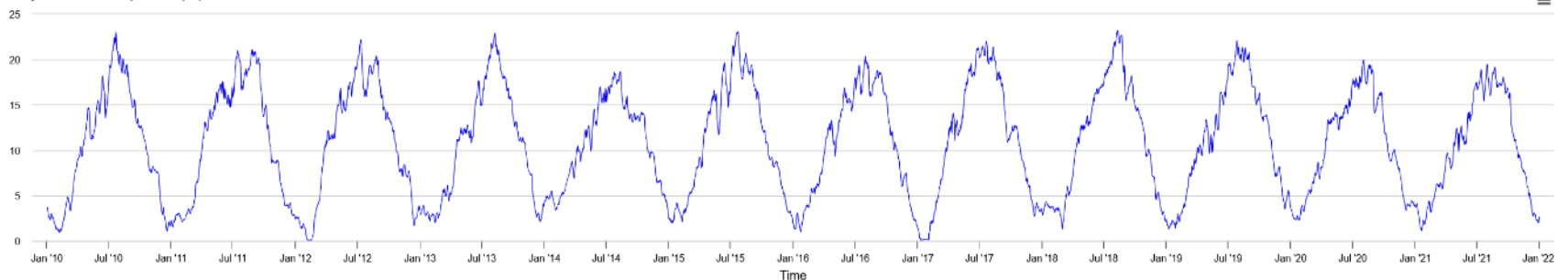
17.01.2024

Minute

APPLY FILTER

WML CSV XLS

Daily mean water temperature (°C)



Time Series Overview



International Commission
for the Protection
of the Danube River
Internationale Kommission
zum Schutz der Donau



MEASUREMENTS ▾ SYSTEM ▾ INTERNAL ▾



i Grey fields are only visible to internal users

TIME SERIES OVERVIEW

Station type: <Any> ▾ Data type: processed data ▾ Country: <Any> ▾ Sub-basin: <Any> ▾ River: <Any> ▾ Operator: <Any> ▾ [APPLY FILTER](#) [RESET](#)

Property	Data type	Symbol	Begin (unrestricted)	Begin	End	Series	Country	
Air temperature, daily mean	near real-time data	ta_mean_daily	06.10.2020	17.01.2022	16.01.2024	15	RS	view stations
Current air temperature	near real-time data	ta	28.02.2019	09.09.2020	17.01.2024	178	BA, DE, HR, ME, RO, SI, UA	view stations
Current atmospheric pressure	near real-time data	p	09.09.2020	09.09.2020	17.01.2024	7	SI	view stations
Current river discharge	near real-time data	Q	09.05.2020	24.09.2020	17.01.2024	406	AT, BA, BG, CZ, DE, HR, HU, ME, RO, RS, SI, SK, UA	view stations
Current water level	near real-time data	h	15.01.2020	24.09.2020	17.01.2024	451	AT, BA, BG, CZ, DE, HR, HU, ME, RO, RS, SI, SK, UA	view stations
Current water temperature	near real-time data	tw	06.08.2020	24.09.2020	17.01.2024	203	BA, HR, HU, RO, RS, SI, SK, UA	view stations
Daily mean river discharge	processed data	Q_mean_daily	01.01.1895	17.01.1924	31.12.2022	197	CZ, DE, HR, HU, RS, SI	view stations
Daily mean water level	processed data	h_mean_daily	01.01.1918	17.01.1924	31.12.2022	229	CZ, DE, HR, HU, RS, SI	view stations
Daily mean water temperature	processed data	tw_mean_daily	01.02.1896	17.01.1924	31.12.2022	154	HR, HU, RS, SI	view stations
Snow cover	near real-time data	dn	11.02.2021	11.02.2021	17.01.2024	22	RS, SI	view stations
Total precipitation within 12 hours	near real-time data	P_total_12h	11.02.2021	11.02.2021	17.01.2024	7	SI	view stations
Total precipitation within 6 hours	near real-time data	P_total_6h	20.11.2020	17.01.2022	01.03.2023	17	UA	view stations
Total precipitation within a day	near real-time data	P_total_daily	16.09.2020	17.01.2022	17.01.2024	137	AT, BA, BG, DE, HU, RO, RS, SI	view stations
Total precipitation within an hour	near real-time data	P_total_hourly	28.02.2019	04.10.2020	17.01.2024	409	AT, BA, CZ, DE, HR, HU, ME, SI, SK	view stations
Total precipitation within half an hour	near real-time data	P_total_hhourly	11.02.2021	11.02.2021	17.01.2024	7	SI	view stations

Displaying 1 - 15 of 15

All times in timezone Europe/Vienna. You can change this in [your user account](#)



Time Series by country

This table shows the number of time series available per country and observed property in the Danube River Basin.

Country	Current river discharge	Current water level	Total precipitation within a day	Total precipitation within an hour	Current air temperature	Current water temperature	Daily mean river discharge	Daily mean water level	Daily mean water temperature	Air temperature, daily mean	Snow cover
AT	87	51	2	74							
BA	39	53	62	62	62	14					
BG	6	6	6								
CZ	6	6		1			6	6			
DE	40	48	1	214	48		3	3			
HR	33	43		12	12	6	39	43	13		
HU	91	123	14	14		76	104	123	90		
ME	3	4		3	3						
RO	30	30	30		29	29					
RS	18	26	15			17	17	26	23	15	15
SI	27	28	7	7	7	28	28	28	28		
SK	12	13		22		13					
UA	14	20			17	20					

Time Series of a property

TIME SERIES: DAILY MEAN RIVER DISCHARGE (M³/S)

Country: <Any> ▾ Sub-basin: <Any> ▾ River: <Any> ▾ Operator: <Any> ▾

APPLY FILTER **RESET**



Station	Begin (unrestricted)	Begin	End	Latest measurement
Ágerdórmajor HU	01.01.1961	17.01.2022	31.12.2022	3 view results
Akasztó (D-v-fcs) HU	01.01.2000	17.01.2022	31.12.2022	12.4 view results
Algyő HU	01.01.1990	17.01.2022	31.12.2022	1,196.3 view results
Aljmaš HR	01.01.2001	01.01.2001	31.12.2021	2,077.173 view results
Almár HU	01.01.2000	17.01.2022	31.12.2022	0.1 view results
Árpás HU	01.01.1961	17.01.2022	31.12.2022	8.1 view results
Babócsai Rinya Babócsa HU	01.01.1961	17.01.2022	31.12.2022	2.6 view results
Baja HU	01.01.1990	17.01.2022	31.12.2022	2,450.5 view results
Bakonybánk HU	01.01.1961	17.01.2022	25.08.2022	0.1 view results
Balassagyarmat HU	01.01.1961	17.01.2022	31.12.2022	5.1 view results
Batina HR	09.03.2001	09.03.2001	31.12.2021	1,774.646 view results
Békés HU	01.01.1961	17.01.2022	31.12.2022	71.5 view results
Beli Brod RS	01.01.1961	17.01.2014	31.12.2022	4.121 view results
Belišće HR	01.01.1962	17.01.1964	31.12.2021	259.165 view results
Berettyóújfalu HU	01.01.1961	17.01.2022	31.12.2022	0 view results
Berettyóújfalu (Kálló) HU	31.12.2001	17.01.2022	31.12.2022	0 view results
Berg DE	01.11.1929	17.01.2022	31.12.2022	52.414 view results
Bezdán (Dunav) RS	01.01.1961	17.01.2014	31.12.2022	2,500 view results
Bišće SI	01.01.2016	01.01.2016	31.12.2017	13.534 view results
Blejski Most SI	01.01.1974	01.01.1974	31.12.2021	11.019 view results

Station type: ● Hydrological, ○ Meteorological

Displaying 1 - 197 of 197

All times in timezone Europe/Vienna. You can change this in your user account

Visulation example of long-term time-series



- Please note that output of results was limited. You can select a shorter time period to display all results
- Chart *Daily mean river discharge (m³/s)* was limited to 5000 results.

STATION HR5005_HYDRO: BELIŠĆE



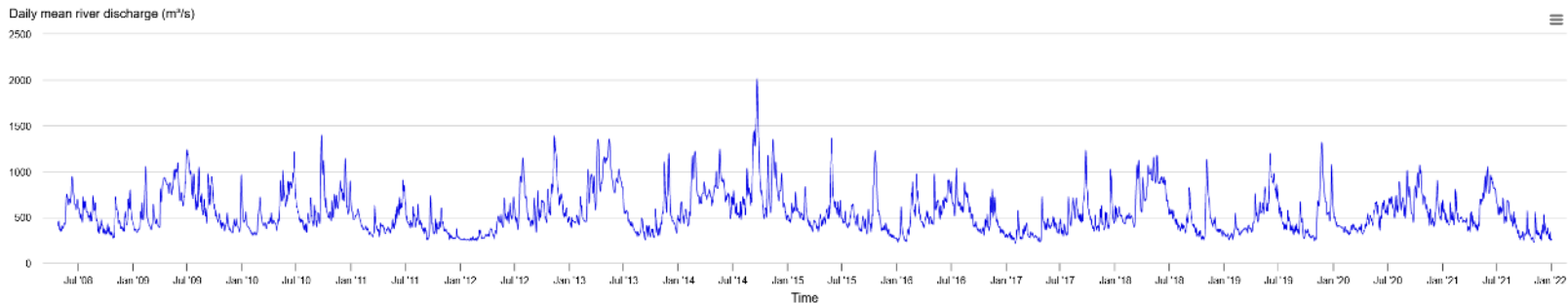
Country	HR
National code	5005
Station type	HYDRO
Name	Belišće
River	Drava/Drau/Dráva
River-km	54
Subbasin	07 Drava-Mura (AT, SI, HR, HU)
Vertical reference	HVRS1875
Gauge zero	83.993 m
Latitude	45.68890
Longitude	18.41789
Operator	Croatian Meteorological and Hydrological Service (DHMZ)
Status	✓
Last update	17.01.2024 14:00

RESULTS

Property Current water level (cm) Current river discharge (m³/s) Daily mean river discharge (m³/s) Daily mean water level (cm)

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Thanks for your attention!

ICPDR **IKSD**

International Commission
for the Protection
of the Danube River

Internationale Kommission
zum Schutz der Donau

DanubeHIS

Danube River Basin
Hydrological Information System

Please visit

<https://www.danubehis.org>

Contacts:

alex.hoebart@icpdr.org zoran.major@icpdr.org