

River: Danube **Catchment:** 77086.00 km2 **2014**
Distance from mouth: 2204 **Altitude:** 290 m **AT1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	8	2	7.7375	17.2	17.20	17.20
Alkalinity - total	mmol/l	12	2.55	3.24083	3.86	3.31	3.80
Aluminium (Al)	µg/l	12	40.9	138.525	468	93.50	410.00
Aluminium (Al), dissolved	µg/l	12	< 5	9.80833	18	5.00	16.40
Ammonium (NH4-N)	mg/l	25	< 0.004	0.02284	0.04	0.02	0.033
Arsenic (As)	µg/l	12	< 0.5	0.75833	1.7	0.50	1.20
Arsenic (As), dissolved	µg/l	12	< 0.5	0.58333	1	0.50	1.00
BOD (5)	mg/l	12	1.3	1.91667	2.4	1.80	2.40
Cadmium (Cd)	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	12	43.1	56.89167	69.2	58.30	69.00
Chloride (Cl-)	mg/l	12	10.4	16.53333	26.7	13.90	24.50
Chromium (Cr) - total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	13	289	376.30769	453	377.00	451.00
Copper (Cu)	µg/l	12	1.1	1.76667	4.3	1.60	2.20
Copper (Cu), dissolved	µg/l	12	< 0.5	1	1.4	1.10	1.40
DOC	mg/l	12	1.4	2.10833	3	2.00	2.50
Dissolved oxygen	mg/l	13	8.5	10.84615	12.2	11.60	9.60
Flow	m3/s	365	691	1236.8712	3778	1096.00	1780.00
Iron (Fe)	mg/l	12	0.1	0.26617	0.791	0.182	0.707
Lead (Pb)	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Macrozoobenthos sapr. index	-	1	2.67	2.67	2.67		
Magnesium (Mg++)	mg/l	12	10.6	12.96667	15.4	13.40	15.30
Manganese (Mn)	mg/l	12	< 0.005	0.01708	0.031	0.014	0.025
Mercury (Hg)	µg/l	12	< 0.025	0.02708	0.05	0.025	0.025
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	12	< 0.5	0.95833	2.1	0.50	2.00
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.55	1.1	0.50	0.50
Nitrate (NO3-N)	mg/l	25	0.8	1.8012	3.08	1.70	2.60
Nitrite (NO2-N)	mg/l	25	0.003	0.0108	0.024	0.009	0.018
Orthophosphate (PO4-P)	mg/l	25	< 0.0025	0.02738	0.051	0.032	0.042
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	5.2	5.2	5.2		
Potassium (K+)	mg/l	12	1.54	2.36167	2.87	2.28	2.84
Sodium (Na+)	mg/l	12	7.1	10.775	14.6	9.70	14.40
Sulphate (SO4--)	mg/l	12	19.4	24.78333	30.7	22.90	29.80
Suspended solids	mg/l	12	0.5	10.76667	30.7	6.70	30.40

River: Danube **Catchment:** 77086.00 km2 **2014**
Distance from mouth: 2204 **Altitude:** 290 m **AT1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
TOC	mg/l	12	1.5	2.31667	3.9	2.20	2.60
Temperature	°C	13	4.5	10.69231	20.5	9.30	17.80
Total phosphorus	mg/l	25	0.021	0.05076	0.076	0.05	0.068
Total phosphorus, dissolved	mg/l	20	0.015	0.03985	0.068	0.04	0.053
Zinc (Zn)	µg/l	12	1.7	2.95	4.4	2.80	4.10
Zinc (Zn), dissolved	µg/l	12	< 0.5	2.14167	3.7	1.90	3.40
pH	-	13	8	8.26154	8.8	8.20	8.10

River: Danube **Catchment:** 101700.0 km²
Distance from mouth: 1935 **Altitude:** 159 m **2014**
Location: Right **AT3**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.51	3.09833	3.71	3.08	3.39
Aluminium (Al)	µg/l	12	36	410.15	3700	79.90	369.00
Aluminium (Al), dissolved	µg/l	12	< 5	12.775	38.7	5.00	20.10
Ammonium (NH ₄ -N)	mg/l	12	< 0.004	0.01525	0.043	0.012	0.038
Arsenic (As)	µg/l	12	< 0.5	0.93333	5	0.50	1.20
Arsenic (As), dissolved	µg/l	12	< 0.5	0.61667	1.4	0.50	1.00
BOD (5)	mg/l	12	1.4	1.975	2.7	2.00	2.50
Cadmium (Cd)	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	44.2	55.3	65.7	55.00	64.40
Chloride (Cl ⁻)	mg/l	12	8.3	15.34167	25.3	14.00	22.90
Chromium (Cr) - total	µg/l	12	< 0.5	0.55	1.1	0.50	0.50
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	12	275	360.16667	439	349.00	439.00
Copper (Cu)	µg/l	12	1.1	1.81667	3.3	1.60	2.70
Copper (Cu), dissolved	µg/l	12	< 0.5	1.09167	2	1.10	1.80
DOC	mg/l	12	1.3	1.94167	2.4	2.00	2.00
Dissolved oxygen	mg/l	12	8.3	10.79167	12.6	10.30	9.40
Flow	m ³ /s	365	954	1676.3835	5494	1447.00	2460.00
Iron (Fe)	mg/l	12	0.096	0.69167	5.95	0.176	0.551
Lead (Pb)	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Magnesium (Mg ⁺⁺)	mg/l	12	9.7	12.575	14.9	12.00	14.90
Manganese (Mn)	mg/l	12	< 0.005	0.02583	0.159	0.013	0.036
Mercury (Hg)	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	12	< 0.5	0.80833	1.8	0.50	1.50
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.55	1.1	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	12	1	1.67917	2.75	1.50	2.58
Nitrite (NO ₂ -N)	mg/l	12	0.004	0.0105	0.026	0.009	0.019
Orthophosphate (PO ₄ -P)	mg/l	12	< 0.0025	0.02229	0.042	0.024	0.042
Potassium (K ⁺)	mg/l	12	1.79	2.27083	2.84	2.09	2.77
Sodium (Na ⁺)	mg/l	12	6.4	10.36667	14.5	9.90	14.10
Sulphate (SO ₄ ⁻⁻)	mg/l	12	14.7	25.65	43.3	22.40	33.30
Suspended solids	mg/l	12	0.5	15.68333	57.8	4.80	46.70
TOC	mg/l	12	1.3	2.05	2.5	2.10	2.30
Temperature	°C	12	4.5	11.68333	20.3	11.10	18.00

Total phosphorus	mg/l	12	0.015	0.051	0.158	0.04	0.074
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River: Danube **Catchment:** 101700.0
Distance from mouth: 1935 **Altitude:** 159 m **2014**
Location: Right **AT3**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus, dissolved	mg/l	12	0.015	0.03667	0.072	0.035	0.058
Zinc (Zn)	µg/l	12	< 0.5	3.85833	18.2	2.40	5.60
Zinc (Zn), dissolved	µg/l	12	< 0.5	1.66667	3.1	1.60	2.80
pH	-	12	8	8.23333	8.6	8.20	8.10

River: Danube **Catchment:** 84869.00 km2 **2014**
Distance from mouth: 2113 **Altitude:** 241 m **AT5**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.58	3.24	3.84	3.27	3.81
Aluminium (Al)	µg/l	12	36.2	163.66667	592	87.00	528.00
Aluminium (Al), dissolved	µg/l	12	< 5	10.30833	17.8	5.00	17.20
Ammonium (NH4-N)	mg/l	12	< 0.004	0.02642	0.052	0.022	0.044
Arsenic (As)	µg/l	12	< 0.5	0.64167	1.5	0.50	1.20
Arsenic (As), dissolved	µg/l	12	< 0.5	0.54167	1	0.50	0.50
BOD (5)	mg/l	12	1.4	2	2.5	2.10	2.40
Cadmium (Cd)	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	12	45.2	56.71667	67.2	57.90	66.10
Chloride (Cl-)	mg/l	12	10.6	17.11667	26.7	13.90	26.60
Chromium (Cr) - total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	12	296	374	460	360.00	455.00
Copper (Cu)	µg/l	12	1	1.65	3.3	1.50	2.30
Copper (Cu), dissolved	µg/l	12	< 0.5	1.01667	1.6	1.10	1.50
DOC	mg/l	12	1.4	2	2.8	2.00	2.30
Dissolved oxygen	mg/l	12	8.4	11.025	12.6	11.00	9.30
Flow	m3/s	365	767	1360.3945	4221	1196.00	1932.00
Iron (Fe)	mg/l	12	0.083	0.30883	0.923	0.187	0.886
Lead (Pb)	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Magnesium (Mg++)	mg/l	12	10.2	12.75833	15.3	12.70	15.10
Manganese (Mn)	mg/l	12	< 0.005	0.016	0.034	0.014	0.024
Mercury (Hg)	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	12	< 0.5	0.90833	2	0.50	1.80
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.55	1.1	0.50	0.50
Nitrate (NO3-N)	mg/l	12	1.1	1.92667	2.99	1.77	2.80
Nitrite (NO2-N)	mg/l	12	0.007	0.01175	0.022	0.01	0.017
Orthophosphate (PO4-P)	mg/l	12	< 0.0025	0.02675	0.05	0.027	0.044
Potassium (K+)	mg/l	12	1.66	2.3675	3.01	2.27	2.84
Sodium (Na+)	mg/l	12	7.5	11.93333	16.2	12.00	15.90
Sulphate (SO4--)	mg/l	12	18.5	24.725	32.5	23.40	30.60
Suspended solids	mg/l	12	0.5	12.95	33.3	8.10	27.20
TOC	mg/l	12	1.4	2.21667	3.6	2.20	2.50
Temperature	°C	12	4.6	11.35	19.6	10.00	19.00

River: Danube **Catchment:** 130/59.0_n km2 **2014**
Distance from mouth: 1879 **Altitude:** 136 m **AT6**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	2.63	17.03167	39.4	15.70	35.40
Alkalinity - total	mmol/l	24	2.41	3.21208	3.85	3.22	3.75
Aluminium (Al)	µg/l	12	44.8	225.99167	1750	58.40	261.00
Aluminium (Al), dissolved	µg/l	12	< 5	11.74167	28.1	5.00	28.00
Ammonium (NH4-N)	mg/l	24	< 0.004	0.01329	0.078	0.009	0.023
Arsenic (As)	µg/l	12	< 0.5	0.75833	3	0.50	1.10
Arsenic (As), dissolved	µg/l	12	< 0.5	0.575	1.4	0.50	0.50
BOD (5)	mg/l	24	1.3	2.1125	4	2.10	2.70
COD (Cr)	mg/l	12	< 1	9.04167	15.8	8.20	13.70
Cadmium (Cd)	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	24	40.7	54.38333	64.8	53.60	63.10
Chloride (Cl-)	mg/l	24	8.6	16.46667	27.4	15.60	24.70
Chromium (Cr) - total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	25	275	370.04	452	378.00	449.00
Copper (Cu)	µg/l	12	< 0.5	1.78333	4.1	1.60	2.40
Copper (Cu), dissolved	µg/l	12	< 0.5	1.5	4.1	1.40	2.40
DOC	mg/l	24	1.3	2.0875	3.1	2.00	2.70
Dissolved oxygen	mg/l	25	8.8	10.852	13.2	10.70	9.00
Flow	m3/s	365	1005	1783.5890	5448	1531.00	2629.00
Iron (Fe)	mg/l	12	0.098	0.43625	3.07	0.151	0.547
Lead (Pb)	µg/l	12	< 0.5	0.58333	1.5	0.50	0.50
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Macrozoobenthos sapr. index	-	1	1.89	1.89	1.89		
Magnesium (Mg++)	mg/l	24	9.5	12.6625	15.5	12.50	15.00
Manganese (Mn)	mg/l	12	< 0.005	0.022	0.117	0.011	0.047
Mercury (Hg)	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	12	< 0.5	0.70833	1.8	0.50	1.10
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.55833	1.2	0.50	0.50
Nitrate (NO3-N)	mg/l	24	0.82	1.89042	3.14	1.70	2.56
Nitrite (NO2-N)	mg/l	24	0.004	0.01004	0.019	0.008	0.018
Orthophosphate (PO4-P)	mg/l	24	< 0.0025	0.02304	0.046	0.027	0.04
Phytoplankton (biomass - chlorophyll-a)	µg/l	1	8.8	8.8	8.8		
Potassium (K+)	mg/l	24	1.43	2.27167	2.95	2.15	2.81
Sodium (Na+)	mg/l	24	6.5	10.825	15.8	10.30	15.10

Sulphate (SO4--)mg/l2412.726.1458335.325.5032.80

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River: Danube **Catchment:** 130/59.0
Distance from mouth: 1879 **Altitude:** n km2 2014
Location: Right 136 m AT6

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Suspended solids	mg/l	24	0.5	13.80833	50	9.80	28.00
TOC	mg/l	24	1.3	2.225	3.1	2.10	3.00
Temperature	°C	25	2.7	11.576	20.4	12.00	18.90
Total phosphorus	mg/l	24	0.025	0.04642	0.074	0.045	0.065
Total phosphorus, dissolved	mg/l	24	0.017	0.038	0.06	0.04	0.055
Zinc (Zn)	µg/l	12	< 0.5	5.64167	23.3	2.70	12.00
Zinc (Zn), dissolved	µg/l	12	< 0.5	3.825	23.3	1.70	6.00
pH	-	25	8	8.3	8.8	8.20	8.10

River: Sava/Drina **Catchment:** 19226.00 km2 **2014**
Distance from mouth: 16 **Altitude:** 90 m **BA10**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.88	3.33333	4.78	3.22	3.40
Ammonium (NH ₄ -N)	mg/l	12	< 0.005	0.03125	0.05	0.03	0.04
Arsenic (As), dissolved	µg/l	12	0.74	1.40333	4.17	0.82	3.57
BOD (5)	mg/l	11	0.5	1.31545	2.31	1.39	1.78
COD (Cr)	mg/l	12	9	9.03333	9.4	9.00	9.00
Calcium (Ca ⁺⁺)	mg/l	12	51.5	56.34167	61.1	56.50	59.80
Chloride (Cl ⁻)	mg/l	12	0.63	1.63667	3.63	1.26	2.93
Chromium (Cr), total	µg/l	12	2.7	3.4325	11.49	2.70	2.70
Conductivity	µS/cm	12	258	301.83333	346	298.00	331.00
Copper (Cu), dissolved	µg/l	12	1.06	4.20583	21.36	2.22	5.96
Dissolved oxygen	mg/l	12	5.7	8.905	13.2	8.40	6.51
Macrozoobenthos sapr. index	-	2	2.02	2.125	2.23		
Magnesium (Mg ⁺⁺)	mg/l	12	3.5	11.31667	62.4	5.80	15.30
Nitrate (NO ₃ -N)	mg/l	12	0.27	0.49833	1.23	0.45	0.63
Nitrite (NO ₂ -N)	mg/l	12	< 0.0025	0.00496	0.006	0.005	0.006
Orthophosphate (PO ₄ -P)	mg/l	12	0.007	0.007	0.007	0.007	0.007
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.6	1.47917	3.93	1.18	2.07
Suspended solids	mg/l	12	2.6	10.03333	29.4	6.00	21.80
Temperature	°C	12	6	13.85833	21	12.00	20.70
Total nitrogen	mg/l	12	< 0.5	0.74667	1.73	0.50	1.14
Total phosphorus	mg/l	12	0.007	0.02325	0.06	0.023	0.028
Total phosphorus, dissolved	mg/l	12	0.007	0.012	0.048	0.007	0.015
Zinc (Zn), dissolved	µg/l	12	2.39	12.81583	24.57	11.85	19.59
pH	-	12	7.69	8.01667	8.35	8.03	7.76

River: Sava **Catchment:** 64125.00 km2 **2014**
Distance from mouth: 190 **Altitude:** 80 m **BA11**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.4	3.79167	4.24	3.76	4.00
Ammonium (NH ₄ -N)	mg/l	12	0.03	0.03675	0.05	0.031	0.05
Arsenic (As), dissolved	µg/l	12	0.74	0.93167	1.51	0.74	1.32
BOD (5)	mg/l	11	0.85	1.91091	3.39	2.23	2.58
COD (Cr)	mg/l	12	9	10.21667	18.8	9.00	12.00
Calcium (Ca ⁺⁺)	mg/l	12	55.9	62.61667	68.9	63.70	67.60
Chloride (Cl ⁻)	mg/l	12	2.59	10.49417	28.58	7.35	24.62
Chromium (Cr), total	µg/l	12	2.7	2.7	2.7	2.70	2.70
Conductivity	µS/cm	12	352	401.16667	442	395.00	436.00
Copper (Cu), dissolved	µg/l	12	2	5.7875	14.16	4.92	12.86
Dissolved oxygen	mg/l	12	4.99	7.47833	10.2	7.60	5.40
Macrozoobenthos sapr. index	-	2	2.2	2.265	2.33		
Magnesium (Mg ⁺⁺)	mg/l	12	7.2	12.16667	18.7	11.80	17.90
Nitrate (NO ₃ -N)	mg/l	12	0.62	0.8875	1.12	0.82	1.08
Nitrite (NO ₂ -N)	mg/l	12	0.009	0.01408	0.03	0.01	0.02
Orthophosphate (PO ₄ -P)	mg/l	12	0.007	0.03758	0.069	0.035	0.053
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.44	2.41	10.95	0.88	5.60
Suspended solids	mg/l	12	4.6	36.36667	80.8	30.60	77.80
Temperature	°C	12	8	14.525	22	12.00	22.00
Total nitrogen	mg/l	12	1.19	1.7	3.57	1.49	2.33
Total phosphorus	mg/l	12	0.063	0.1	0.245	0.089	0.121
Total phosphorus, dissolved	mg/l	12	0.016	0.04667	0.09	0.041	0.07
Zinc (Zn), dissolved	µg/l	12	1.76	14.46917	22.78	15.57	20.73
pH	-	12	7.7	7.94417	8.35	7.88	7.80

River: Sava/Una **Catchment:** 4573.00 km2 **2014**
Distance from mouth: 70 **Altitude:** 137 m **BA12**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	4.26	4.6225	5.3	4.46	5.05
Ammonium (NH ₄ -N)	mg/l	12	0.03	0.0625	0.4	0.03	0.05
Arsenic (As), dissolved	µg/l	12	0.74	0.77833	1.2	0.74	0.74
BOD (5)	mg/l	11	0.5	1.47727	2.29	1.62	1.94
COD (Cr)	mg/l	12	9	10.88333	24	9.00	16.60
Calcium (Ca ⁺⁺)	mg/l	12	73.6	78.62917	91.8	76.40	84.10
Chloride (Cl ⁻)	mg/l	12	0.8	2.0675	7.01	1.54	2.21
Chromium (Cr), total	µg/l	12	2.7	4.08083	19	2.70	2.97
Conductivity	µS/cm	12	387	418.25	437	416.00	433.00
Copper (Cu), dissolved	µg/l	11	1.06	3.72	15.21	1.98	5.99
Dissolved oxygen	mg/l	12	6.7	8.9875	10.84	8.90	8.30
Macrozoobenthos sapr. index	-	2	2.19	2.205	2.22		
Magnesium (Mg ⁺⁺)	mg/l	12	9.4	11.68333	18.1	10.80	15.30
Nitrate (NO ₃ -N)	mg/l	12	0.07	0.48917	1.13	0.46	0.92
Nitrite (NO ₂ -N)	mg/l	12	0.005	0.00517	0.006	0.005	0.006
Orthophosphate (PO ₄ -P)	mg/l	12	0.007	0.00875	0.018	0.007	0.013
Suspended solids	mg/l	12	2.6	10.32083	38.8	4.80	29.00
Temperature	°C	12	8	12.73333	16.8	12.00	16.10
Total nitrogen	mg/l	12	< 0.5	0.87333	1.77	0.50	1.63
Total phosphorus	mg/l	12	0.01	0.02767	0.093	0.023	0.048
Total phosphorus, dissolved	mg/l	12	0.007	0.013	0.026	0.009	0.021
Zinc (Zn), dissolved	µg/l	12	1.4	24.20083	120	14.36	44.68

pH - 12 7.65 8.14583 8.45 8.14 8.00

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River: Sava/Bosna **Catchment:** 7313.00 km2 **2014**
Distance from mouth: 78 **Altitude:** 148 m **BA13**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.94	3.44667	4.4	3.30	3.82
Ammonium (NH4-N)	mg/l	12	0.005	0.07692	0.398	0.05	0.092
Arsenic (As), dissolved	µg/l	12	0.74	1.53667	2.32	1.74	2.26
BOD (5)	mg/l	12	1.13	2.83167	5.64	2.24	4.62
COD (Cr)	mg/l	12	9	13.96667	36.4	9.20	18.80
Calcium (Ca++)	mg/l	12	47.7	61.60833	79.9	63.10	68.20
Chloride (Cl-)	mg/l	12	1.65	7.69417	47.5	4.08	7.01
Chromium (Cr), total	µg/l	12	2.7	2.72417	2.99	2.70	2.70
Conductivity	µS/cm	12	286	386.66667	470	375.00	440.00
Copper (Cu), dissolved	µg/l	12	1.2	6.50333	22.3	3.11	11.72
Dissolved oxygen	mg/l	12	5.11	8.54333	11.7	8.40	6.40
Macrozoobenthos sapr. index	-	2	2.24	2.265	2.29		
Magnesium (Mg++)	mg/l	12	7.1	11.68333	22.7	10.90	14.80
Nitrate (NO3-N)	mg/l	12	0.28	1.17583	1.97	1.10	1.63
Nitrite (NO2-N)	mg/l	12	0.005	0.02708	0.049	0.025	0.039
Orthophosphate (PO4-P)	mg/l	12	0.007	0.04692	0.075	0.046	0.059
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.88	4.785	13.3	1.77	10.36
Suspended solids	mg/l	12	2.6	96.125	486.3	29.60	353.00
Temperature	°C	12	6.5	13.475	21.5	12.00	21.50
Total nitrogen	mg/l	12	< 0.5	1.82917	3.05	1.70	2.50

Total phosphorus	mg/l	12	0.013	0.125	0.187	0.118	0.186
Total phosphorus, dissolved	mg/l	12	0.009	0.05733	0.09	0.059	0.081
Zinc (Zn), dissolved	µg/l	12	1.17	19.1625	77.1	16.77	20.46
pH	-	12	6.82	8.07667	8.8	8.16	7.60

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River: Sava **Catchment:** 39150.00 km2 **2014**
Distance from mouth: 457 **Altitude:** 86 m **BA5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.34	3.93167	4.26	3.98	4.14
Ammonium (NH4-N)	mg/l	12	0.03	0.05917	0.14	0.05	0.09
Arsenic (As), dissolved	µg/l	12	0.74	1.04333	1.75	0.74	1.65
BOD (5)	mg/l	11	0.66	1.96273	4.48	1.81	3.18
COD (Cr)	mg/l	12	9	10.6	20.2	9.00	16.80
Calcium (Ca++)	mg/l	12	54.5	64.55833	72.4	65.60	70.50
Chloride (Cl-)	mg/l	12	1.63	4.11583	10.45	2.99	6.16
Chromium (Cr), total	µg/l	12	2.7	2.7	2.7	2.70	2.70
Conductivity	µS/cm	12	316	390.08333	427	390.00	426.00
Copper (Cu), dissolved	µg/l	12	1.06	4.95417	20.4	2.84	7.89
Dissolved oxygen	mg/l	12	5.3	7.3375	9.2	7.40	5.50
Macrozoobenthos sapr. index	-	2	1.97	2.14	2.31		
Magnesium (Mg++)	mg/l	12	8.5	11.29167	17.8	10.40	14.60
Nitrate (NO3-N)	mg/l	12	0.56	0.88917	1.39	0.82	1.20
Nitrite (NO2-N)	mg/l	12	0.009	0.01608	0.029	0.013	0.024
Orthophosphate (PO4-P)	mg/l	12	0.014	0.04808	0.125	0.035	0.07
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.44	2.70917	8.22	1.18	5.92
Suspended solids	mg/l	12	6.4	17.10833	34	17.20	23.20

Temperature	°C	12	8	14.73333	21.7	12.00	21.00
Total nitrogen	mg/l	12	1.09	1.50917	2.59	1.43	1.90
Total phosphorus	mg/l	12	0.049	0.09142	0.214	0.08	0.13
Total phosphorus, dissolved	mg/l	12	0.024	0.05742	0.131	0.051	0.08
Zinc (Zn), dissolved	µg/l	12	1.76	13.24	20.12	13.30	18.53
pH	-	12	7.5	7.9575	8.29	7.95	7.60

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River: Sava/Una **Catchment:** 9130.00 km2 **2014**
Distance from mouth: 16 **Altitude:** 94 m **BA6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.4	4.26333	5.26	4.20	4.96
Ammonium (NH4-N)	mg/l	12	0.03	0.03558	0.088	0.03	0.039
Arsenic (As), dissolved	µg/l	12	0.74	0.83	1.62	0.74	0.92
BOD (5)	mg/l	11	0.73	1.63455	3.13	1.48	2.22
COD (Cr)	mg/l	12	9	11	17.6	9.00	17.20
Calcium (Ca++)	mg/l	12	63	75.78333	88.1	73.70	82.50
Chloride (Cl-)	mg/l	12	0.85	2.50833	4.97	2.24	4.91
Chromium (Cr), total	µg/l	12	2.7	2.7	2.7	2.70	2.70
Conductivity	µS/cm	12	350	419.75	467	421.00	445.00
Copper (Cu), dissolved	µg/l	12	1.06	4.52417	15.57	2.42	8.77
Dissolved oxygen	mg/l	12	5.82	8.9125	10.6	8.90	7.34
Macrozoobenthos sapr. index	-	2	2.02	2.095	2.17		
Magnesium (Mg++)	mg/l	12	6.3	10.33333	14.7	9.80	14.30
Nitrate (NO3-N)	mg/l	12	0.26	0.56333	1.62	0.48	0.65
Nitrite (NO2-N)	mg/l	12	0.005	0.006	0.014	0.005	0.006
Orthophosphate (PO4-P)	mg/l	12	0.007	0.01117	0.041	0.007	0.019

Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.15	1.53083	4.42	0.88	2.81
Suspended solids	mg/l	12	3.4	23.45	125	8.60	53.80
Temperature	°C	12	1.6	11.75833	18.5	10.80	18.10
Total nitrogen	mg/l	12	< 0.5	0.89	2.12	0.50	1.22
Total phosphorus	mg/l	12	0.016	0.04283	0.123	0.029	0.096
Total phosphorus, dissolved	mg/l	12	0.009	0.01867	0.05	0.014	0.03
Zinc (Zn), dissolved	µg/l	12	1.26	11.20417	18.7	12.40	18.30
pH	-	12	7.46	8.08667	8.3	8.16	7.95

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River: Sava/Vrbas **Catchment:** 6023.00 km2 **2014**
Distance from mouth: 12 **Altitude:** 100 m **BA7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.14	3.8	4.18	3.80	4.16
Ammonium (NH4-N)	mg/l	12	0.03	0.06375	0.148	0.04	0.13
Arsenic (As), dissolved	µg/l	12	0.74	0.7525	0.89	0.74	0.74
BOD (5)	mg/l	12	0.59	2.08083	4.31	1.88	3.36
COD (Cr)	mg/l	12	9	10.16667	15	9.00	13.40
Calcium (Ca++)	mg/l	12	55.2	70.93333	77.3	70.90	76.10
Chloride (Cl-)	mg/l	12	0.15	4.1475	17.54	2.10	9.91
Chromium (Cr), total	µg/l	12	2.7	2.7475	3.27	2.70	2.70
Conductivity	µS/cm	12	308	379.75	409	380.00	396.00
Copper (Cu), dissolved	µg/l	12	1.17	4.16167	9.54	4.08	7.84
Dissolved oxygen	mg/l	12	5.6	8.35167	11	8.58	6.99
Macrozoobenthos sapr. index	-	2	1.85	1.955	2.06		
Magnesium (Mg++)	mg/l	12	5.8	8.53333	12	8.40	11.40
Nitrate (NO3-N)	mg/l	12	0.33	0.62	1.56	0.56	0.65

Nitrite (NO ₂ -N)	mg/l	12	0.011	0.01733	0.03	0.015	0.029
Orthophosphate (PO ₄ -P)	mg/l	12	0.007	0.01917	0.038	0.019	0.031
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.3	2.81667	5.89	2.58	4.73
Suspended solids	mg/l	12	6.2	31.025	99.8	14.80	97.60
Temperature	°C	12	8	13.59167	18	14.00	18.00
Total nitrogen	mg/l	12	< 0.5	1.10583	2.07	1.09	1.52
Total phosphorus	mg/l	12	0.028	0.07217	0.196	0.048	0.135
Total phosphorus, dissolved	mg/l	12	0.007	0.03533	0.139	0.03	0.04
Zinc (Zn), dissolved	µg/l	12	1.23	13.13083	41.74	8.78	23.57
pH	-	12	7.7	8.05333	8.32	8.05	7.83

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River: Sava/Bosna **Catchment:** 11.00 km² **2014**
Distance from mouth: 24 **Altitude:** 114 m **BA8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.06	3.55167	4.32	3.48	4.02
Ammonium (NH ₄ -N)	mg/l	12	0.03	0.07333	0.15	0.05	0.11
Arsenic (As), dissolved	µg/l	12	0.74	1.83917	2.8	2.01	2.65
BOD (5)	mg/l	12	1.07	2.56417	5	2.47	3.43
COD (Cr)	mg/l	12	9	14.075	34.4	9.00	27.30
Calcium (Ca ⁺⁺)	mg/l	12	52.7	91.34167	145.2	86.80	119.00
Chloride (Cl ⁻)	mg/l	12	11.7	89.01333	251.9	65.40	158.40
Chromium (Cr), total	µg/l	12	2.7	7.69917	50.1	2.70	13.35
Conductivity	µS/cm	12	110	657	900	680.00	850.00
Copper (Cu), dissolved	µg/l	12	1.33	5.9725	23.9	3.20	11.28
Dissolved oxygen	mg/l	12	5.2	8.33417	11.2	8.32	6.40
Macrozoobenthos sapr. index	-	2	2.1	2.595	3.09		

Magnesium (Mg ⁺⁺)	mg/l	12	8.9	13.575	30.7	12.70	16.50
Nitrate (NO ₃ -N)	mg/l	12	0.7	1.39	2.17	1.40	1.78
Nitrite (NO ₂ -N)	mg/l	12	0.005	0.04158	0.1	0.043	0.057
Orthophosphate (PO ₄ -P)	mg/l	12	0.024	0.04125	0.056	0.041	0.051
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	1.2	4.45	11.4	2.20	11.20
Suspended solids	mg/l	12	5.8	47.125	231.4	25.00	82.00
Temperature	°C	12	6	14.44167	25	10.50	23.50
Total nitrogen	mg/l	12	1.46	2.055	2.94	1.90	2.32
Total phosphorus	mg/l	12	0.068	0.11908	0.235	0.104	0.165
Total phosphorus, dissolved	mg/l	12	0.036	0.05483	0.074	0.055	0.07
Zinc (Zn), dissolved	µg/l	12	2.1	15.95333	57.78	11.90	19.80
pH	-	12	6.71	7.94	8.5	7.90	7.70

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River: Sava/Drina **Catchment:** 3884.00 km² **2014**
Distance from mouth: 234 **Altitude:** 442 m **BA9**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.68	2.87333	3.04	2.86	3.04
Ammonium (NH ₄ -N)	mg/l	12	0.03	0.05342	0.09	0.05	0.09
Arsenic (As), dissolved	µg/l	12	0.74	0.74	0.74	0.74	0.74
BOD (5)	mg/l	12	0.5	1.645	2.49	1.55	2.23
COD (Cr)	mg/l	12	9	9	9	9.00	9.00
Calcium (Ca ⁺⁺)	mg/l	12	47.4	51.425	58.1	49.30	56.20
Chloride (Cl ⁻)	mg/l	12	0.34	1.81833	4.87	0.98	4.87
Chromium (Cr), total	µg/l	12	2.7	2.7	2.7	2.70	2.70
Conductivity	µS/cm	12	241	259.58333	346	253.00	266.00
Copper (Cu), dissolved	µg/l	12	1.06	4.12225	8.74	3.56	8.60

Dissolved oxygen	mg/l	12	6.4	10.45417	12.06	10.70	8.92
Macrozoobenthos sapr. index	-	2	1.78	1.93	2.08		
Magnesium (Mg++)	mg/l	12	3.5	4.01667	5.3	3.50	5.30
Nitrate (NO3-N)	mg/l	12	0.18	0.35333	0.54	0.31	0.54
Nitrite (NO2-N)	mg/l	12	0.005	0.00525	0.008	0.005	0.005
Orthophosphate (PO4-P)	mg/l	12	0.007	0.0075	0.01	0.007	0.008
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.3	0.798	1.77	0.74	1.18
Suspended solids	mg/l	12	2.6	4.80833	14.4	3.20	9.50
Temperature	°C	12	6.5	10.825	19	9.10	18.70
Total nitrogen	mg/l	12	< 0.5	0.64	1.1	0.50	1.04
Total phosphorus	mg/l	12	0.008	0.02233	0.038	0.021	0.031
Total phosphorus, dissolved	mg/l	12	0.007	0.01183	0.02	0.009	0.018
Zinc (Zn), dissolved	µg/l	12	1.52	11.43583	20.53	10.81	19.08
pH	-	12	8.05	8.2325	8.5	8.20	8.05

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River: Danube **Catchment:** 580100.0 km² **2014**
Distance from mouth: 834 **Altitude:** 35 m **BG1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.7	3.18333	3.7	3.30	3.50
Aluminium (Al), dissolved	µg/l	12	1.05	2.64833	3.92	2.90	3.77
Ammonium (NH4-N)	mg/l	12	0.026	0.07967	0.228	0.055	0.201
Anionic active surfactants	mg/l	12	0.054	0.186	0.469	0.124	0.391
Arsenic (As), dissolved	µg/l	12	1.05	1.59417	2.19	1.49	2.15
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	2.3	3.15	4.1	3.10	3.70
COD (Cr)	mg/l	12	8.9	10.75	12.8	10.80	12.40

COD (Mn)	mg/l	12	2.4	3.26667	4.2	3.20	3.80
Cadmium (Cd), dissolved	µg/l	12	< 0.007	0.02067	0.077	0.017	0.031
Calcium (Ca++)	mg/l	12	34.2	59.725	77	58.00	74.00
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	10	16.25833	22.7	15.00	21.00
Chloroform	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chromium (Cr), total	µg/l	12	0.17	0.36667	0.63	0.41	0.50
Conductivity	µS/cm	12	352	398.75	450	388.00	438.00
Copper (Cu), dissolved	µg/l	12	1.04	1.79333	2.31	1.79	2.28
Dissolved oxygen	mg/l	12	5.6	8.33333	12	7.90	6.40
Lead (Pb), dissolved	µg/l	12	< 0.04	0.06417	0.12	0.04	0.104
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg++)	mg/l	12	7.2	13.76667	21	13.00	17.00
Mercury (Hg), dissolved	µg/l	12	< 0.025	0.02708	0.05	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	1.53	3.12667	16.9	1.83	2.29
Nitrate (NO3-N)	mg/l	12	0.65	1.1885	1.7	1.08	1.66
Nitrite (NO2-N)	mg/l	12	< 0.0005	0.01904	0.035	0.019	0.027
Orthophosphate (PO4-P)	mg/l	12	0.027	0.04	0.053	0.04	0.052
Phenol index	mg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.74	2.97833	9.3	2.30	7.50
Sulphate (SO4--)	mg/l	12	20	25.21667	34.6	25.30	27.00
Suspended solids	mg/l	12	58	70.91667	84	70.00	82.00
TOC	mg/l	12	2.1	3.03333	4	3.00	3.60
Temperature	°C	12	3.4	15.4	27	15.40	26.40
Total nitrogen	mg/l	12	1.2	1.61167	2.8	1.40	2.40
Total phosphorus	mg/l	12	0.035	0.05475	0.118	0.051	0.063
Zinc (Zn), dissolved	µg/l	12	5.43	25.28167	74.4	18.40	44.50
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	6.81	7.635	8.28	7.58	6.93

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River: Danube **Catchment:** 580100.0 km² **2014**
Distance from mouth: 834 **Altitude:** 35 m **BG1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.7	3.225	3.7	3.30	3.50
Aluminium (Al), dissolved	µg/l	12	1.52	3.09667	4.45	2.95	4.30
Ammonium (NH4-N)	mg/l	12	0.03	0.077	0.183	0.055	0.182
Anionic active surfactants	mg/l	12	0.068	0.22908	0.448	0.177	0.417
Arsenic (As), dissolved	µg/l	12	1.03	1.58083	2.16	1.49	2.13
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005

BOD (5)	mg/l	12	2.5	3.175	4.1	3.10	3.60
COD (Cr)	mg/l	12	9.2	10.91667	12.9	10.60	12.40
COD (Mn)	mg/l	12	2.7	3.30833	4.2	3.20	3.80
Cadmium (Cd), dissolved	µg/l	12	< 0.007	0.01225	0.025	0.007	0.02
Calcium (Ca++)	mg/l	12	38.5	61.625	77	60.00	75.00
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	10	16.65	21	16.00	21.00
Chloroform	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chromium (Cr), total	µg/l	12	0.16	0.3475	0.59	0.33	0.51
Conductivity	µS/cm	12	348	398.75	451	383.00	437.00
Copper (Cu), dissolved	µg/l	12	1.19	1.86	2.72	1.90	2.22
Dissolved oxygen	mg/l	12	5.6	8.525	12.1	8.20	6.10
Lead (Pb), dissolved	µg/l	12	< 0.04	0.06283	0.13	0.04	0.092
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg++)	mg/l	12	7	13.80833	18.7	13.00	17.00
Mercury (Hg), dissolved	µg/l	12	< 0.025	0.02708	0.05	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	0.98	1.75167	2.26	1.79	2.09
Nitrate (NO3-N)	mg/l	12	0.889	1.26408	1.64	1.13	1.60
Nitrite (NO2-N)	mg/l	12	< 0.0005	0.01767	0.032	0.018	0.027
Orthophosphate (PO4-P)	mg/l	12	0.022	0.04075	0.065	0.035	0.055
Phenol index	mg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	< 0.05	2.7575	9.5	2.30	6.80
Sulphate (SO4--)	mg/l	12	21	25.88333	35.7	25.00	28.00
Suspended solids	mg/l	12	55	72.83333	90	70.00	85.00
TOC	mg/l	12	2.4	3.05	4	3.00	3.50
Temperature	°C	365	1.2	13.86219	25.3	14.00	23.60
Total nitrogen	mg/l	12	1.2	1.595	2.5	1.50	2.20
Total phosphorus	mg/l	11	0.036	0.06545	0.169	0.056	0.074
Zinc (Zn), dissolved	µg/l	12	6.67	14.8625	27.2	13.90	21.50
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	7.01	7.64	8.32	7.52	7.22

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River: Danube **Catchment:** 580100.0 km² **2014**
Distance from mouth: 834 **Altitude:** 35 m **BG1**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.8	3.21667	3.7	3.20	3.50
Aluminium (Al), dissolved	µg/l	12	1.53	4.6125	8.1	4.51	7.37
Ammonium (NH4-N)	mg/l	12	0.042	0.08375	0.171	0.066	0.164
Anionic active surfactants	mg/l	12	0.091	0.33867	0.642	0.307	0.588

Arsenic (As), dissolved	µg/l	12	1.05	1.58667	2.21	1.48	2.18
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	2.6	3.2	4.1	3.10	3.80
COD (Cr)	mg/l	12	10	11.1	13.1	10.80	12.70
COD (Mn)	mg/l	12	2.7	3.35833	4.3	3.20	3.90
Cadmium (Cd), dissolved	µg/l	12	< 0.007	0.02267	0.05	0.02	0.031
Calcium (Ca++)	mg/l	12	48.4	64.60833	80	63.00	74.00
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	9.8	17.00833	22.7	17.00	22.70
Chloroform	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chromium (Cr), total	µg/l	12	0.19	0.3575	0.57	0.37	0.51
Conductivity	µS/cm	12	353	406.16667	452	402.00	445.00
Copper (Cu), dissolved	µg/l	12	2.08	3.23	7.37	2.94	4.01
Dissolved oxygen	mg/l	12	5.8	8.85	12.1	8.70	6.20
Lead (Pb), dissolved	µg/l	12	< 0.04	0.05317	0.116	0.04	0.082
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg++)	mg/l	12	7.4	13.64167	17	13.00	16.00
Mercury (Hg), dissolved	µg/l	12	< 0.025	0.02708	0.05	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	1.21	2.06667	2.84	2.10	2.42
Nitrate (NO3-N)	mg/l	12	1.03	1.32417	1.73	1.15	1.60
Nitrite (NO2-N)	mg/l	12	< 0.0005	0.01929	0.031	0.019	0.03
Orthophosphate (PO4-P)	mg/l	12	0.02	0.04783	0.092	0.044	0.07
Phenol index	mg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.74	3.16167	11.3	2.30	7.20
Sulphate (SO4--)	mg/l	12	25	29.15833	35.1	28.00	32.20
Suspended solids	mg/l	12	58	81.16667	92	84.00	92.00
TOC	mg/l	12	2.4	3.06667	3.9	2.90	3.70
Temperature	°C	12	3	14.74167	27	14.70	24.30
Total nitrogen	mg/l	12	1.3	1.69167	2.5	1.50	2.20
Total phosphorus	mg/l	12	0.043	0.06925	0.179	0.054	0.08
Zinc (Zn), dissolved	µg/l	12	10.3	18.55833	35	14.50	28.50
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	7.11	7.65417	8.33	7.45	7.35

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River: Iskar **Catchment:** 8646.00 km2 **2014**
Distance from mouth: 4 **Altitude:** 27 m **BG12**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	4	0.12	0.3525	0.95	0.95	0.95
BOD (5)	mg/l	4	2.1	8.2	24.6	24.60	24.60

Aluminium (Al), dissolved	µg/l	4	< 0.25	13.8375	44.1	44.10	44.10
Ammonium (NH ₄ -N)	mg/l	4	0.1	0.3025	0.55	0.55	0.55
Anionic active surfactants	mg/l	4	< 0.0045	< 0.0045	< 0.0045	0.0045	0.0045
BOD (5)	mg/l	4	2.3	3.55	6.1	6.10	6.10
COD (Cr)	mg/l	4	7.1	10.55	18	18.00	18.00
Cadmium (Cd), dissolved	µg/l	12	< 0.007	0.01475	0.1	0.007	0.007
Calcium (Ca ⁺⁺)	mg/l	4	50	62.5	79.9	79.90	79.90
Chloride (Cl ⁻)	mg/l	4	7.9	14.1	29.2	29.20	29.20
Chloroform	µg/l	12	< 0.2	0.41917	1.3	0.20	1.10
Chromium (Cr), total	µg/l	4	< 0.025	0.37875	0.72	0.72	0.72
Conductivity	µS/cm	4	386	508.25	736	736.00	736.00
Dissolved oxygen	mg/l	4	4.7	7.05	9.5	4.70	4.70
Lead (Pb), dissolved	µg/l	12	< 0.04	0.20333	2	0.04	0.04
Lindane (gamma-HCH)	µg/l	12	< 0.005	0.00542	0.01	0.005	0.005
Magnesium (Mg ⁺⁺)	mg/l	4	14.6	21.275	38.4	38.40	38.40
Mercury (Hg), dissolved	µg/l	12	< 0.025	0.03125	0.1	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.025	0.37708	2	0.025	1.30
Nitrate (NO ₃ -N)	mg/l	9	1.2	2.74444	6	6.00	6.00
Nitrite (NO ₂ -N)	mg/l	4	0.039	0.071	0.129	0.129	0.129
Orthophosphate (PO ₄ -P)	mg/l	4	0.075	0.20375	0.34	0.34	0.34
Phenol index	mg/l	4	< 0.005	< 0.005	< 0.005	0.005	0.005
Sulphate (SO ₄ ⁻⁻)	mg/l	4	22.5	28.65	44.1	44.10	44.10
Suspended solids	mg/l	4	11	15.75	19	19.00	19.00
Temperature	°C	4	6.8	15.875	26.8	26.80	26.80
Total nitrogen	mg/l	4	1.9	3.1	5.6	5.60	5.60
Total phosphorus	mg/l	4	0.086	0.2235	0.38	0.38	0.38
Zinc (Zn), dissolved	µg/l	4	< 0.5	< 0.5	< 0.5	0.50	0.50
pH	-	4	7.66	7.9375	8.16	7.66	7.66

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River:	Jantra	Catchment:	7862.00 km²	2014
Distance from mouth:	4	Altitude:	25 m	BG14
Location:	Middle			

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Aluminium (Al), dissolved	µg/l	4	< 0.25	13.1375	19.7	19.70	19.70
Ammonium (NH ₄ -N)	mg/l	4	0.028	0.04725	0.066	0.066	0.066
Anionic active surfactants	mg/l	4	< 0.0045	0.028	0.07	0.07	0.07
BOD (5)	mg/l	4	1.1	1.35	1.9	1.90	1.90
COD (Cr)	mg/l	4	< 2	9.85	14	14.00	14.00
Cadmium (Cd), dissolved	µg/l	12	< 0.007	< 0.007	< 0.007	0.007	0.007
Calcium (Ca ⁺⁺)	mg/l	4	61.1	67.925	75.1	75.10	75.10
Chloride (Cl ⁻)	mg/l	4	11	15.725	21.2	21.20	21.20
Chloroform	µg/l	10	< 0.2	< 0.2	< 0.2	0.20	0.20
Chromium (Cr), total	µg/l	4	< 0.025	< 0.025	< 0.025	0.025	0.025
Conductivity	µS/cm	4	296	385.75	471	471.00	471.00
Copper (Cu), dissolved	µg/l	4	< 0.5	3.1725	6.32	6.32	6.32
Dissolved oxygen	mg/l	4	6.6	8.1	9.4	6.60	6.60
Lead (Pb), dissolved	µg/l	12	< 0.04	< 0.04	< 0.04	0.04	0.04
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg ⁺⁺)	mg/l	4	8.27	16.2525	27.2	27.20	27.20
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.025	0.24792	2.7	0.025	0.025
Nitrate (NO ₃ -N)	mg/l	9	0.766	1.385	2.1	2.10	2.10
Nitrite (NO ₂ -N)	mg/l	4	0.012	0.0195	0.022	0.022	0.022
Orthophosphate (PO ₄ -P)	mg/l	4	0.01	0.04775	0.094	0.094	0.094
Phenol index	mg/l	4	< 0.005	< 0.005	< 0.005	0.005	0.005
Sulphate (SO ₄ ⁻⁻)	mg/l	4	25.6	34.7	47.5	47.50	47.50
Suspended solids	mg/l	4	4	17	37	37.00	37.00
Temperature	°C	4	6.3	14.425	22.8	22.80	22.80
Total nitrogen	mg/l	4	1.5	2.1	2.7	2.70	2.70
Total phosphorus	mg/l	4	0.091	0.15225	0.228	0.228	0.228
Zinc (Zn), dissolved	µg/l	4	< 0.5	6.775	14.1	14.10	14.10
p,p'-DDT	µg/l	4	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	4	7.9	8.1	8.3	7.90	7.90

Distance from mouth:

1

Altitude:

17 m

BG15

Location:

Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Aluminium (Al), dissolved	µg/l	4	16.3	41.4	88	88.00	88.00
Ammonium (NH ₄ -N)	mg/l	4	0.152	0.35125	0.559	0.559	0.559
Anionic active surfactants	mg/l	4	0.013	0.057	0.121	0.121	0.121
Arsenic (As), dissolved	µg/l	4	1.41	1.82	2.25	2.25	2.25
BOD (5)	mg/l	4	< 0.5	2.475	4.1	4.10	4.10
COD (Cr)	mg/l	4	16	28.6	44.6	44.60	44.60
Cadmium (Cd), dissolved	µg/l	12	< 0.007	< 0.007	< 0.007	0.007	0.007
Calcium (Ca ⁺⁺)	mg/l	4	84	89.825	95.1	95.10	95.10
Chloride (Cl ⁻)	mg/l	4	21.5	28.1	34.7	34.70	34.70
Chloroform	µg/l	10	< 0.2	< 0.2	< 0.2	0.20	0.20
Chromium (Cr), total	µg/l	4	< 0.025	0.52375	2.02	2.02	2.02
Conductivity	µS/cm	4	559	628.5	693	693.00	693.00
Copper (Cu), dissolved	µg/l	4	< 0.5	2.9525	4.59	4.59	4.59
Dissolved oxygen	mg/l	4	6.4	7.6	8.8	6.40	6.40
Lead (Pb), dissolved	µg/l	12	< 0.04	0.15167	1.38	0.04	0.04
Lindane (gamma-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg ⁺⁺)	mg/l	4	35	36.075	36.8	36.80	36.80
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.025	0.22542	2.43	0.025	0.025
Nitrate (NO ₃ -N)	mg/l	9	3.76	5.92556	6.83	6.83	6.83
Nitrite (NO ₂ -N)	mg/l	4	0.024	0.031	0.037	0.037	0.037
Orthophosphate (PO ₄ -P)	mg/l	4	0.089	0.17375	0.326	0.326	0.326
Phenol index	mg/l	4	< 0.005	0.00925	0.017	0.017	0.017
Sulphate (SO ₄ ⁻⁻)	mg/l	4	39.2	46.525	53.4	53.40	53.40
Suspended solids	mg/l	4	3	178.25	464	464.00	464.00
Temperature	°C	4	6	13.55	21.2	21.20	21.20
Total nitrogen	mg/l	4	7.6	7.85	8.2	8.20	8.20
Total phosphorus	mg/l	4	0.452	0.56325	0.726	0.726	0.726
Zinc (Zn), dissolved	µg/l	4	< 0.5	16.525	31.7	31.70	31.70
p,p'-DDT	µg/l	4	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	4	8.2	8.225	8.3	8.20	8.20

River: Danube **Catchment:** 608820.0 km² **2014**
Distance from mouth: 641 **Altitude:** 20 m **BG2**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.7	3.11667	3.6	3.00	3.60
Aluminium (Al), dissolved	µg/l	12	< 0.25	16.1375	125	5.16	14.70
Ammonium (NH ₄ -N)	mg/l	12	< 0.0015	0.08875	0.42	0.0015	0.18
Anionic active surfactants	mg/l	12	< 0.0045	0.01246	0.1	0.0045	0.0045
Arsenic (As), dissolved	µg/l	12	< 0.015	2.6625	5.9	2.40	4.20
Atrazine	µg/l	12	< 0.005	0.00542	0.01	0.005	0.005
BOD (5)	mg/l	12	< 0.5	4.6	21	2.00	18.50
COD (Cr)	mg/l	12	< 2	13.74167	57	7.00	56.00
COD (Mn)	mg/l	12	2.3	9.61667	38.6	4.00	37.60
Cadmium (Cd), dissolved	µg/l	12	< 0.007	0.01475	0.1	0.007	0.007
Calcium (Ca ⁺⁺)	mg/l	12	45	53.375	65.4	52.00	58.40
Carbon tetrachloride	µg/l	12	< 0.2	0.21667	0.4	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	8.6	17.675	51.8	14.30	20.50
Chloroform	µg/l	12	< 0.2	0.24833	0.58	0.20	0.40
Chromium (Cr), total	µg/l	12	< 0.025	0.27833	0.56	0.25	0.47
Conductivity	µS/cm	12	333	394.66667	459	380.00	455.00
Copper (Cu), dissolved	µg/l	12	1.44	2.60583	5.6	2.22	3.65
Dissolved oxygen	mg/l	12	3.9	6.83333	11.7	6.00	4.40
Lead (Pb), dissolved	µg/l	12	< 0.04	0.20333	2	0.04	0.04
Lindane (gamma-HCH)	µg/l	12	< 0.005	0.00542	0.01	0.005	0.005
Magnesium (Mg ⁺⁺)	mg/l	12	6.3	11.15	13.6	11.30	13.20
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.025	0.84042	1.7	1.00	1.55
Nitrate (NO ₃ -N)	mg/l	12	0.76	1.08	1.64	1.00	1.28
Nitrite (NO ₂ -N)	mg/l	12	< 0.0005	0.01738	0.027	0.016	0.026
Organic nitrogen	mg/l	12	< 0.205	0.30375	0.7	0.205	0.60
Orthophosphate (PO ₄ -P)	mg/l	12	0.023	0.07558	0.27	0.057	0.10
Phenol index	mg/l	12	< 0.005	0.00708	0.03	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	4	5.325	13.3	4.00	9.00
Sulphate (SO ₄ ⁻⁻)	mg/l	12	23.1	28.25	35.1	28.10	32.00
Suspended solids	mg/l	12	6	23.83333	55	21.00	38.00
TOC	mg/l	12	4	5.85	7.2	5.80	6.90
Temperature	°C	12	3.1	15.15833	26.5	15.10	25.30
Total nitrogen	mg/l	12	1.4	1.775	2.6	1.50	2.50
Total phosphorus	mg/l	12	0.051	0.09317	0.28	0.069	0.112
Zinc (Zn), dissolved	µg/l	12	< 0.5	4.41667	20.6	0.50	15.00
p,p'-DDT	µg/l	12	< 0.005	0.00542	0.01	0.005	0.005
pH	-	12	6.98	7.60417	8.02	7.62	7.18

River: Danube **Catchment:** 650340.0 km²
Distance from mouth: 554 **Altitude:** 16 m **2014**
Location: Right **BG3**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.6	3.36667	4	3.20	4.00
Aluminium (Al), dissolved	µg/l	12	< 0.25	4.2875	20.2	0.25	19.00
Ammonium (NH ₄ -N)	mg/l	12	0.004	0.08283	0.37	0.044	0.16
Anionic active surfactants	mg/l	12	< 0.0045	< 0.0045	< 0.0045	0.0045	0.0045
Arsenic (As), dissolved	µg/l	12	1.6	2.45833	4	2.20	3.20
Atrazine	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	< 0.5	1.33333	2.8	1.30	2.30
COD (Cr)	mg/l	12	< 2	8.15833	20.9	7.30	14.00
COD (Mn)	mg/l	12	2.56	3.5225	5.44	3.36	4.48
Cadmium (Cd), dissolved	µg/l	12	< 0.007	0.02025	0.032	0.019	0.03
Calcium (Ca ⁺⁺)	mg/l	12	40	53.3	63	53.00	61.00
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	10.3	16.95	34	12.50	31.20
Chloroform	µg/l	12	< 0.2	0.48417	2	0.20	1.60
Chromium (Cr), total	µg/l	12	0.25	0.39583	0.56	0.34	0.55
Conductivity	µS/cm	12	336	391.65833	471	378.00	447.00
Copper (Cu), dissolved	µg/l	12	2.4	3.70833	7.1	3.40	4.30
Dissolved oxygen	mg/l	12	4.06	7.10583	11.89	7.12	4.86
Lead (Pb), dissolved	µg/l	12	< 0.04	0.08417	0.16	0.04	0.16
Lindane (gamma-HCH)	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg ⁺⁺)	mg/l	12	9.5	13.96667	19	12.60	18.50
Mercury (Hg), dissolved	µg/l	10	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	1	2.13333	3.4	1.80	3.10
Nitrate (NO ₃ -N)	mg/l	12	0.63	1.23583	1.9	1.20	1.60
Nitrite (NO ₂ -N)	mg/l	12	< 0.0005	0.0119	0.047	0.0094	0.02
Organic nitrogen	mg/l	12	< 0.205	0.55333	1.7	0.205	1.20
Orthophosphate (PO ₄ -P)	mg/l	12	0.021	0.05758	0.15	0.046	0.098
Phenol index	mg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	1.5	5.49167	40.1	1.80	5.50
Sulphate (SO ₄ ⁻⁻)	mg/l	12	14.8	26.49167	49.3	25.20	32.60
Suspended solids	mg/l	12	6	29.66667	81	23.00	75.00
TOC	mg/l	12	2.5	3.625	5.3	3.40	4.70
Temperature	°C	12	4.5	15.3	27.1	14.70	26.30
Total nitrogen	mg/l	12	< 0.5	1.94167	2.7	2.00	2.50
Total phosphorus	mg/l	12	0.043	0.15458	0.38	0.099	0.26
Zinc (Zn), dissolved	µg/l	12	< 0.5	3.89167	10.6	3.00	6.70
p,p'-DDT	µg/l	10	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	7.47	8.24833	8.95	8.19	7.76

River: Danube **Catchment:** 669900.0 km²
Distance from mouth: 503 **Altitude:** 12 m **2014**
Location: Right **BG4**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.7	3.13333	3.61	3.14	3.53
Aluminium (Al), dissolved	µg/l	12	< 0.25	6.64167	27.3	0.25	25.90
Ammonium (NH ₄ -N)	mg/l	12	0.017	0.05258	0.115	0.051	0.088
Anionic active surfactants	mg/l	12	< 0.0045	0.02708	0.093	0.015	0.052
Arsenic (As), dissolved	µg/l	12	1.28	2.07333	3.12	1.76	3.01
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	< 0.5	1.07583	1.78	1.00	1.30
COD (Cr)	mg/l	12	< 2	8.43333	14	10.00	13.90
COD (Mn)	mg/l	12	2.8	3.8075	4.8	3.88	4.21
Cadmium (Cd), dissolved	µg/l	12	< 0.007	< 0.007	< 0.007	0.007	0.007
Calcium (Ca ⁺⁺)	mg/l	12	45.8	53.79167	61.1	50.90	60.70
Carbon tetrachloride	µg/l	11	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	12	18.13333	28.5	16.80	23.00
Chloroform	µg/l	11	< 0.2	< 0.2	< 0.2	0.20	0.20
Chromium (Cr), total	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Conductivity	µS/cm	12	264	316.16667	368	307.00	354.00
Copper (Cu), dissolved	µg/l	12	2	3.1875	7.14	2.74	4.24
Dissolved oxygen	mg/l	12	6.1	8.11667	10.3	8.20	6.30
Lead (Pb), dissolved	µg/l	12	< 0.04	< 0.04	< 0.04	0.04	0.04
Lindane (gamma-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg ⁺⁺)	mg/l	12	7.7	10.7025	13.6	9.97	13.00
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nitrate (NO ₃ -N)	mg/l	12	0.683	1.26442	1.8	1.19	1.75
Nitrite (NO ₂ -N)	mg/l	12	0.003	0.01258	0.019	0.013	0.019
Organic nitrogen	mg/l	12	< 0.205	0.33767	0.903	0.205	0.625
Orthophosphate (PO ₄ -P)	mg/l	12	0.004	0.03958	0.075	0.036	0.06
Phenol index	mg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.947	3.78533	20.5	1.18	5.06
Sulphate (SO ₄ ⁻⁻)	mg/l	12	21.8	26.96667	36.8	26.20	31.50
Suspended solids	mg/l	12	6	31.16667	164	13.00	54.00
TOC	mg/l	12	3.1	4.7625	7.46	4.53	5.90
Temperature	°C	12	5.1	15.44167	25.8	17.60	25.30
Total nitrogen	mg/l	12	1.1	1.81667	2.3	1.70	2.20
Total phosphorus	mg/l	12	0.021	0.14233	0.492	0.119	0.213
Zinc (Zn), dissolved	µg/l	12	< 0.5	3.09167	11.6	0.50	10.80

p,p'-DDT	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	7.7	7.90833	8.4	7.90	7.70

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River: Danube **Catchment:** 698600.0 km²
Distance from mouth: 375 **Altitude:** 7 m **2014**
Location: Left **BG5**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.45	3.05667	3.71	2.94	3.53
Aluminium (Al), dissolved	µg/l	11	< 0.25	8.91818	30.8	0.25	21.90
Ammonium (NH ₄ -N)	mg/l	12	0.032	0.0885	0.148	0.081	0.126
Anionic active surfactants	mg/l	12	< 0.0045	0.02238	0.07	0.0045	0.066
Arsenic (As), dissolved	µg/l	12	1.24	1.82583	2.34	1.68	2.31
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	1	1.44167	2	1.30	1.80
COD (Cr)	mg/l	12	< 2	9.8	20.7	10.80	20.10
COD (Mn)	mg/l	12	3.21	4.5225	7.62	3.86	7.37
Cadmium (Cd), dissolved	µg/l	12	< 0.007	< 0.007	< 0.007	0.007	0.007
Calcium (Ca ⁺⁺)	mg/l	12	42.1	53.49167	65.5	53.90	59.40
Carbon tetrachloride	µg/l	11	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	13.5	22.56667	47.5	19.70	29.20
Chloroform	µg/l	11	< 0.2	< 0.2	< 0.2	0.20	0.20
Chromium (Cr), total	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Conductivity	µS/cm	12	263	321.66667	375	315.00	367.00
Copper (Cu), dissolved	µg/l	12	< 0.5	2.27417	5.68	2.25	5.21
Dissolved oxygen	mg/l	12	6.1	8.71667	12.3	8.30	7.00
Lead (Pb), dissolved	µg/l	12	< 0.04	< 0.04	< 0.04	0.04	0.04
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg ⁺⁺)	mg/l	12	6.58	10.86667	13.7	10.80	13.70
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.025	0.19458	2.06	0.025	0.025
Nitrate (NO ₃ -N)	mg/l	12	0.544	1.23233	1.72	1.20	1.71
Nitrite (NO ₂ -N)	mg/l	12	0.003	0.01275	0.031	0.012	0.019
Organic nitrogen	mg/l	12	< 0.205	0.37025	0.942	0.205	0.699
Orthophosphate (PO ₄ -P)	mg/l	12	0.023	0.04133	0.061	0.038	0.056
Phenol index	mg/l	12	< 0.005	0.00658	0.024	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	1.01	3.1	8.08	1.75	6.24
Sulphate (SO ₄ ⁻⁻)	mg/l	12	21.8	29.325	46.6	27.50	37.80
Suspended solids	mg/l	12	4	84.16667	505	33.00	182.00
TOC	mg/l	12	2.9	5.6475	8.89	5.31	7.99
Temperature	°C	12	4.5	14.50833	24.9	14.60	24.20
Total nitrogen	mg/l	12	0.9	1.85833	2.4	1.80	2.30

Total phosphorus	mg/l	12	0.057	0.15208	0.3	0.121	0.222
Zinc (Zn), dissolved	µg/l	12	< 0.5	12.51667	66.9	0.50	20.50
p,p'-DDT	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	7.6	7.90833	8.2	7.90	7.80

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River: Danube **Catchment:** 698600.0 km² **2014**
Distance from mouth: 375 **Altitude:** 7 m **BG5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.55	3.08833	3.61	3.20	3.43
Aluminium (Al), dissolved	µg/l	11	< 0.25	6.19545	23.3	0.25	17.50
Ammonium (NH ₄ -N)	mg/l	12	0.026	0.04642	0.08	0.041	0.075
Anionic active surfactants	mg/l	12	< 0.0045	0.01983	0.063	0.0045	0.047
Arsenic (As), dissolved	µg/l	12	1.29	1.96083	2.63	1.80	2.54
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	< 0.5	1.2	1.9	1.20	1.40
COD (Cr)	mg/l	12	< 2	7.26667	17.2	2.00	17.20
COD (Mn)	mg/l	12	2.96	4.29667	7.52	3.60	6.91
Cadmium (Cd), dissolved	µg/l	12	< 0.007	< 0.007	< 0.007	0.007	0.007
Calcium (Ca ⁺⁺)	mg/l	12	41.3	54	66.8	55.20	60.00
Carbon tetrachloride	µg/l	11	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	12	19.58333	36.5	17.50	27.00
Chloroform	µg/l	11	< 0.2	< 0.2	< 0.2	0.20	0.20
Chromium (Cr), total	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Conductivity	µS/cm	12	262	314.41667	360	310.00	358.00
Copper (Cu), dissolved	µg/l	12	< 0.5	2.77833	5.16	2.76	4.97
Dissolved oxygen	mg/l	12	6	8.64167	12.3	8.00	6.80
Lead (Pb), dissolved	µg/l	12	< 0.04	0.13667	1.2	0.04	0.04
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg ⁺⁺)	mg/l	12	8.29	10.58333	13.4	10.90	13.00
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.025	0.19458	2.06	0.025	0.025
Nitrate (NO ₃ -N)	mg/l	12	0.572	1.23867	1.79	1.21	1.73
Nitrite (NO ₂ -N)	mg/l	12	0.002	0.00983	0.023	0.008	0.016
Organic nitrogen	mg/l	12	< 0.205	0.4085	0.954	0.205	0.69
Orthophosphate (PO ₄ -P)	mg/l	12	0.02	0.04525	0.075	0.04	0.074
Phenol index	mg/l	12	< 0.005	0.00592	0.016	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	1.03	2.99417	8.14	1.72	6.04
Sulphate (SO ₄ ⁻⁻)	mg/l	12	21.5	26.68333	38.2	26.00	29.20
Suspended solids	mg/l	12	2	58.16667	237	26.00	219.00
TOC	mg/l	12	2.66	5.4025	9.36	4.81	7.74

Temperature	°C	12	4.4	14.5	25	14.50	24.40
Total nitrogen	mg/l	12	1.2	1.825	2.4	1.70	2.30
Total phosphorus	mg/l	12	0.076	0.14308	0.294	0.116	0.225
Zinc (Zn), dissolved	µg/l	12	< 0.5	7.79167	45.4	0.50	25.60
p,p'-DDT	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	7.6	7.9	8.2	7.90	7.80

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River: Danube **Catchment:** 698600.0 km² **2014**
Distance from mouth: 375 **Altitude:** 7 m **BG5**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.45	3.1125	3.71	3.13	3.53
Aluminium (Al), dissolved	µg/l	12	< 0.25	18.31667	133	0.25	21.20
Ammonium (NH ₄ -N)	mg/l	12	0.022	0.04892	0.097	0.042	0.07
Anionic active surfactants	mg/l	12	< 0.0045	0.02183	0.091	0.0045	0.048
Arsenic (As), dissolved	µg/l	12	1.3	2.02083	2.72	1.83	2.69
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	< 0.5	1.2	1.7	1.20	1.50
COD (Cr)	mg/l	12	< 2	6.05833	14.7	2.00	12.30
COD (Mn)	mg/l	12	2.87	4.17083	7.59	3.83	4.81
Cadmium (Cd), dissolved	µg/l	12	< 0.007	< 0.007	< 0.007	0.007	0.007
Calcium (Ca ⁺⁺)	mg/l	12	41.9	53.95	64.8	55.20	61.10
Carbon tetrachloride	µg/l	11	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	12.8	18.525	33.2	17.20	23.70
Chloroform	µg/l	11	< 0.2	< 0.2	< 0.2	0.20	0.20
Chromium (Cr), total	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Conductivity	µS/cm	12	265	312.33333	361	310.00	359.00
Copper (Cu), dissolved	µg/l	12	< 0.5	3.25333	8.33	3.34	4.65
Dissolved oxygen	mg/l	12	6	8.55833	12.3	7.80	6.70
Lead (Pb), dissolved	µg/l	12	< 0.04	0.5875	6.61	0.04	0.04
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg ⁺⁺)	mg/l	12	8.39	11.12333	13.5	11.20	13.50
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.025	0.36167	2.05	0.025	2.04
Nitrate (NO ₃ -N)	mg/l	12	0.604	1.2715	1.85	1.24	1.82
Nitrite (NO ₂ -N)	mg/l	12	0.002	0.01017	0.021	0.008	0.018
Organic nitrogen	mg/l	12	< 0.205	0.331	0.697	0.205	0.68
Orthophosphate (PO ₄ -P)	mg/l	12	0.023	0.05083	0.075	0.048	0.073
Phenol index	mg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	0.165	2.16517	6.07	1.33	4.91
Sulphate (SO ₄ --)	mg/l	12	22.1	26.98333	37.1	27.20	29.60

Suspended solids	mg/l	12	2	45.25	182	22.00	144.00
TOC	mg/l	12	3.1	4.8725	8.3	4.50	6.10
Temperature	°C	12	4.4	14.51667	25.4	14.40	24.60
Total nitrogen	mg/l	12	1.2	1.80833	2.4	1.80	2.30
Total phosphorus	mg/l	12	0.084	0.16367	0.319	0.139	0.251
Zinc (Zn), dissolved	µg/l	12	< 0.5	119.50833	1329	0.50	88.10
p,p'-DDT	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	7.7	7.88333	8.1	7.90	7.80

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River: Iskar **Catchment:** 8370.00 km2 **2014**
Distance from mouth: 28 **Altitude:** 31 m **BG6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.2	2.89167	3.5	2.80	3.40
Aluminium (Al), dissolved	µg/l	12	5.8	50.01667	215	32.60	87.10
Ammonium (NH4-N)	mg/l	12	< 0.0015	0.19217	1.02	0.11	0.41
Anionic active surfactants	mg/l	12	< 0.0045	0.01246	0.1	0.0045	0.0045
Arsenic (As), dissolved	µg/l	12	< 0.015	1.595	3.5	2.00	3.44
Atrazine	µg/l	12	< 0.005	0.00542	0.01	0.005	0.005
BOD (5)	mg/l	12	1.9	5.1	22.8	2.60	9.50
COD (Cr)	mg/l	12	< 2	14.875	61	9.10	28.90
COD (Mn)	mg/l	12	3.8	9.81667	40.5	6.10	18.40
Cadmium (Cd), dissolved	µg/l	12	< 0.007	0.025	0.13	0.007	0.10
Calcium (Ca++)	mg/l	12	33	49.05833	63.5	48.40	57.10
Carbon tetrachloride	µg/l	12	< 0.2	0.21667	0.4	0.20	0.20
Chloride (Cl-)	mg/l	12	4.6	25.29167	121	16.70	28.50
Chloroform	µg/l	12	< 0.2	0.34667	1.31	0.20	0.65
Chromium (Cr), total	µg/l	12	< 0.025	0.12958	0.36	0.025	0.29
Conductivity	µS/cm	12	320	436.91667	838	397.00	486.00
Copper (Cu), dissolved	µg/l	12	4.17	9.16417	21.2	6.81	19.06
Dissolved oxygen	mg/l	12	4.6	7.44167	13.1	6.50	4.80
Lead (Pb), dissolved	µg/l	12	< 0.04	0.20333	2	0.04	0.04
Lindane (gama-HCH)	µg/l	12	< 0.005	0.00542	0.01	0.005	0.005
Magnesium (Mg++)	mg/l	12	< 0.25	10.49583	14	10.40	13.90
Mercury (Hg), dissolved	µg/l	12	< 0.025	0.03125	0.1	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.025	1.01042	2.24	1.10	2.20
Nitrate (NO3-N)	mg/l	12	< 0.035	1.57375	3.57	1.45	3.33
Nitrite (NO2-N)	mg/l	12	0.01	0.02583	0.043	0.024	0.038
Organic nitrogen	mg/l	12	< 0.205	0.31375	0.89	0.205	0.53
Orthophosphate (PO4-P)	mg/l	12	< 0.0015	0.11771	0.33	0.087	0.23
Phenol index	mg/l	12	< 0.005	0.00708	0.03	0.005	0.005

Sulphate (SO4--)	mg/l	12	15.6	43.675	59.1	46.00	54.10
Suspended solids	mg/l	12	9	50.33333	167	26.00	98.00
TOC	mg/l	12	5.8	7.00833	8.3	6.80	8.30
Temperature	°C	12	1.1	13.8	25.5	14.40	22.90
Total nitrogen	mg/l	12	1.2	2.46667	5.2	2.00	3.60
Total phosphorus	mg/l	12	< 0.0015	0.13454	0.36	0.096	0.25
Zinc (Zn), dissolved	µg/l	12	< 0.5	3.09167	17.1	0.50	15.00
p,p'-DDT	µg/l	12	< 0.005	0.00542	0.01	0.005	0.005
pH	-	12	7.34	7.7025	8.3	7.58	7.43

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River: Jantra **Catchment:** 6860.00 km2 **2014**
Distance from mouth: 12 **Altitude:** 32 m **BG7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.2	3.75	4.8	3.60	4.60
Aluminium (Al), dissolved	µg/l	12	< 0.25	3.025	23.4	0.25	10.40
Ammonium (NH4-N)	mg/l	12	< 0.0015	0.08225	0.39	0.052	0.12
Anionic active surfactants	mg/l	12	< 0.0045	< 0.0045	< 0.0045	0.0045	0.0045
Arsenic (As), dissolved	µg/l	12	0.54	0.88583	1.4	0.77	1.30
Atrazine	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	11	< 0.5	1.73636	3.1	1.70	2.40
COD (Cr)	mg/l	11	7.7	12.25455	16.7	12.40	16.50
COD (Mn)	mg/l	11	3.84	4.88545	6.08	4.80	5.80
Cadmium (Cd), dissolved	µg/l	12	< 0.007	0.01367	0.064	0.007	0.016
Calcium (Ca++)	mg/l	12	47	57.5	70	55.00	65.00
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	6.8	10.04167	16.3	8.30	15.40
Chloroform	µg/l	12	< 0.2	0.505	1.4	0.20	1.40
Chromium (Cr), total	µg/l	12	0.16	0.25833	0.56	0.24	0.35
Conductivity	µS/cm	12	332	394.25833	522	384.00	445.00
Copper (Cu), dissolved	µg/l	12	1.6	4.04167	15.5	2.00	10.90
Dissolved oxygen	mg/l	12	3.99	7.285	10.67	6.95	4.33
Lead (Pb), dissolved	µg/l	12	< 0.04	0.1325	0.42	0.11	0.26
Lindane (gamma-HCH)	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg++)	mg/l	12	8.3	13.81667	21.4	13.60	17.50
Mercury (Hg), dissolved	µg/l	10	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	0.95	1.9625	4.7	1.70	2.20
Nitrate (NO3-N)	mg/l	12	0.76	1.3075	1.7	1.40	1.70
Nitrite (NO2-N)	mg/l	12	0.013	0.02767	0.059	0.02	0.055
Organic nitrogen	mg/l	12	< 0.205	0.595	1.5	0.205	1.40

Orthophosphate (PO4-P)	mg/l	12	< 0.0015	0.05329	0.12	0.04	0.095
Phenol index	mg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
Sulphate (SO4--)	mg/l	12	12.9	26.25	39.4	24.30	37.00
Suspended solids	mg/l	12	6	47.58333	156	21.00	91.00
TOC	mg/l	11	4.2	4.83636	7.5	4.50	5.00
Temperature	°C	12	5.2	14.2	25.9	11.60	24.30
Total nitrogen	mg/l	12	1.3	2.06667	2.9	2.00	2.70
Total phosphorus	mg/l	12	0.051	0.19992	0.68	0.12	0.45
Zinc (Zn), dissolved	µg/l	12	< 0.5	3.75	12.4	3.00	7.60
p,p'-DDT	µg/l	9	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	7.81	8.25583	8.81	8.19	7.88

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River: Russenski Lom **Catchment:** 2800.00 km2 **2014**
Distance from mouth: 13 **Altitude:** 22 m **BG8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	6.37	6.9275	7.94	6.76	7.53
Aluminium (Al), dissolved	µg/l	12	< 0.25	8.64583	51	0.25	14.00
Ammonium (NH4-N)	mg/l	12	0.07	0.12092	0.32	0.113	0.131
Anionic active surfactants	mg/l	12	< 0.0045	0.01633	0.068	0.0045	0.033
Arsenic (As), dissolved	µg/l	12	1.19	1.89667	2.89	1.70	2.81
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	< 0.5	2.13333	3.5	2.00	3.30
COD (Cr)	mg/l	12	12.2	27.275	50	23.70	36.30
COD (Mn)	mg/l	12	4.77	10.89583	20.3	10.60	14.70
Cadmium (Cd), dissolved	µg/l	12	< 0.007	< 0.007	< 0.007	0.007	0.007
Calcium (Ca++)	mg/l	12	81.5	87.75	99.4	85.20	98.40
Carbon tetrachloride	µg/l	11	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	20.1	26.70833	33.2	25.90	31.80
Chloroform	µg/l	11	< 0.2	< 0.2	< 0.2	0.20	0.20
Chromium (Cr), total	µg/l	12	< 0.025	0.19708	2.09	0.025	0.025
Conductivity	µS/cm	12	464	618.33334	755	612.00	722.00
Copper (Cu), dissolved	µg/l	12	< 0.5	1.73667	4	0.50	3.94
Dissolved oxygen	mg/l	12	6	8.05833	10.2	7.80	6.00
Lead (Pb), dissolved	µg/l	12	< 0.04	< 0.04	< 0.04	0.04	0.04
Lindane (gama-HCH)	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg++)	mg/l	12	23.8	36.79167	41.8	38.60	41.60
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nitrate (NO3-N)	mg/l	12	5.33	6.22	7.02	6.23	6.94

Nitrite (NO ₂ -N)	mg/l	12	0.011	0.04267	0.097	0.038	0.063
Organic nitrogen	mg/l	12	< 0.205	1.54333	2.89	1.19	2.62
Orthophosphate (PO ₄ -P)	mg/l	12	0.064	0.17117	0.32	0.155	0.246
Phenol index	mg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Sulphate (SO ₄ --)	mg/l	12	38.7	51.51667	108.4	44.80	54.50
Suspended solids	mg/l	12	7	208	562	153.00	322.00
TOC	mg/l	12	4.1	9.8225	15.2	9.64	13.10
Temperature	°C	12	5	14.21667	21.9	14.90	21.90
Total nitrogen	mg/l	12	6.6	7.925	9.6	8.00	9.50
Total phosphorus	mg/l	12	0.384	0.57317	0.889	0.534	0.722
Zinc (Zn), dissolved	µg/l	12	< 0.5	9.68333	30.4	10.80	19.20
p,p'-DDT	µg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
pH	-	12	8	8.15	8.3	8.10	8.10

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River: Morava **Catchment:** 9725.00 km² **2014**
Distance from mouth: 79 **Altitude:** 150 m **CZ1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	10	12.66667	19	12.00	16.00
Alkalinity - total	mmol/l	12	2.18	2.9425	3.43	2.87	3.36
Aluminium (Al)	µg/l	12	45.6	302.13333	970	143.00	768.00
Ammonium (NH ₄ -N)	mg/l	12	< 0.01	0.09483	0.27	0.08	0.16
Arsenic (As)	µg/l	12	< 0.5	0.935	1.7	0.50	1.59
Arsenic (As), dissolved	µg/l	12	< 0.5	0.6275	1.29	0.50	1.24
Atrazine	µg/l	12	< 0.001	0.00806	0.021	0.0072	0.0143
BOD (5)	mg/l	12	1.2	2.9	6	2.30	5.40
COD (Cr)	mg/l	12	7.9	16.99167	26.5	15.40	24.50
COD (Mn)	mg/l	12	2.5	4.44167	8.2	3.40	6.40
Cadmium (Cd)	µg/l	12	< 0.025	0.03375	0.083	0.025	0.072
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca ⁺⁺)	mg/l	12	43.2	56.06667	70.5	54.50	66.50
Carbon tetrachloride	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Chloride (Cl ⁻)	mg/l	12	15	25.68333	35.4	25.40	31.30
Chloroform	µg/l	12	< 0.015	< 0.015	< 0.015	0.015	0.015
Chromium (Cr) - total	µg/l	12	< 0.25	0.91742	2.23	0.772	1.74
Conductivity	µS/cm	12	384	498.58333	577	492.00	549.00
Copper (Cu)	µg/l	12	2.4	5.60583	12.4	4.75	8.86
Copper (Cu), dissolved	µg/l	12	1.77	3.58667	5.96	3.30	4.98
DOC	mg/l	12	2.72	3.8975	5.32	3.71	5.11
Dissolved oxygen	mg/l	12	8.1	10.58333	13.2	10.00	8.20

Flow	m3/s	365	12.5	42.27479	172	38.60	64.30
Iron (Fe)	mg/l	12	0.095	0.51458	1.67	0.291	1.21
Lead (Pb)	µg/l	12	< 0.25	1.14367	4.58	0.25	3.11
Lead (Pb), dissolved	µg/l	12	< 0.25	0.44417	1.72	0.25	1.11
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Macrozoobenthos sapr. index	-	2	2.02	2.08	2.14		
Magnesium (Mg++)	mg/l	12	6.81	10.3125	12.9	10.60	11.70
Manganese (Mn)	mg/l	12	0.043	0.13817	0.377	0.091	0.293
Mercury (Hg)	µg/l	12	< 0.025	0.035	0.1	0.025	0.07
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	12	1.24	3.0125	5.65	2.87	4.61
Nickel (Ni), dissolved	µg/l	12	< 0.25	2.19075	3.32	2.28	3.28
Nitrate (NO3-N)	mg/l	12	0.71	2.14083	3.23	2.30	2.92
Nitrite (NO2-N)	mg/l	12	0.016	0.03117	0.07	0.028	0.039
Organic nitrogen	mg/l	12	< 0.25	0.37008	0.861	0.25	0.786
Orthophosphate (PO4-P)	mg/l	12	< 0.005	0.07792	0.149	0.07	0.13

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River: Morava **Catchment:** 9725.00 km2 **2014**
Distance from mouth: 79 **Altitude:** 150 m **CZ1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Phenol index	mg/l	12	< 0.0004	< 0.0004	< 0.0004	0.0004	0.0004
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	< 1.25	27.8125	118	7.60	102.00
Potassium (K+)	mg/l	12	4.29	5.43167	6.63	5.46	5.97
Silicates(SiO2), dissolved	mg/l	12	1.89	3.8	5.43	4.01	5.07
Sodium (Na+)	mg/l	12	16.8	22.28333	28	21.80	25.80
Sulphate (SO4--)	mg/l	12	37	54.1	70.1	53.00	60.00
Suspended solids	mg/l	12	2	25.06667	99	13.00	63.00
TOC	mg/l	12	2.81	4.16917	5.72	3.97	5.36
Temperature	°C	12	4	13.34167	24.2	12.50	22.10
Tetrachloroethylene	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Total nitrogen	mg/l	12	1.21	2.70167	3.86	2.64	3.48
Total phosphorus	mg/l	12	0.064	0.13483	0.24	0.114	0.226
Trichloroethylene	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Zinc (Zn)	µg/l	12	6.96	17.90167	42.9	13.00	30.30
Zinc (Zn), dissolved	µg/l	12	< 2.5	7.3325	22	5.47	11.60
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	7.8	8.1	8.6	8.00	7.90

River: Morava/Dyje **Catchment:** 12540.00 km² **2014**
Distance from mouth: 17 **Altitude:** 155 m **CZ2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	15	20	31	17.00	27.00
Alkalinity - total	mmol/l	12	2.88	3.2475	4.27	3.17	3.44
Aluminium (Al)	µg/l	12	71	193.73333	567	150.00	282.00
Ammonium (NH ₄ -N)	mg/l	12	0.11	0.16417	0.26	0.14	0.23
Arsenic (As)	µg/l	12	1.15	2.09167	4.9	1.52	3.69
Arsenic (As), dissolved	µg/l	12	< 0.5	1.89917	4.56	1.27	3.57
Atrazine	µg/l	12	< 0.001	0.01056	0.0182	0.0106	0.0149
BOD (5)	mg/l	12	1	2.01667	3.8	1.70	3.70
COD (Cr)	mg/l	12	15.1	20.51667	25.9	20.30	25.20
COD (Mn)	mg/l	12	3.6	5.225	8.2	5.10	5.90
Cadmium (Cd)	µg/l	12	< 0.025	0.02783	0.059	0.025	0.025
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca ⁺⁺)	mg/l	12	52.2	60.625	67.9	59.70	66.60
Carbon tetrachloride	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Chloride (Cl ⁻)	mg/l	12	26	48.24167	57.1	50.00	55.20

Chloroform	µg/l	12	< 0.015	< 0.015	< 0.015	0.015	0.015
Chromium (Cr) - total	µg/l	12	< 0.25	0.69617	1.44	0.665	0.934
Conductivity	µS/cm	12	636	703.58333	748	704.00	743.00
Copper (Cu)	µg/l	12	2.62	5.35667	10.5	4.50	7.55
Copper (Cu), dissolved	µg/l	12	1.67	3.42583	5.81	2.72	5.60
DOC	mg/l	12	5.07	6.19167	7.44	6.33	6.96
Dissolved oxygen	mg/l	12	7	10.25833	14.3	8.90	7.50
Flow	m3/s	365	7.5	31.09151	184.7	21.10	57.80
Iron (Fe)	mg/l	12	0.132	0.25517	0.63	0.221	0.324
Lead (Pb)	µg/l	12	< 0.25	0.7705	2.33	0.558	1.56
Lead (Pb), dissolved	µg/l	12	< 0.25	0.41667	1.5	0.25	1.00
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Macrozoobenthos sapr. index	-	2	2.2	2.335	2.47		
Magnesium (Mg++)	mg/l	12	18.1	22.79167	26.5	22.70	26.20
Manganese (Mn)	mg/l	12	0.046	0.171	0.627	0.084	0.394
Mercury (Hg)	µg/l	12	< 0.025	0.035	0.11	0.025	0.06
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	12	2.33	3.14417	4.42	2.93	4.27
Nickel (Ni), dissolved	µg/l	12	0.51	2.18142	3.6	2.09	3.47
Nitrate (NO3-N)	mg/l	12	0.29	2.155	3.6	2.44	3.59
Nitrite (NO2-N)	mg/l	12	0.018	0.03558	0.06	0.037	0.048
Organic nitrogen	mg/l	12	< 0.25	0.49817	0.96	0.542	0.721
Orthophosphate (PO4-P)	mg/l	12	0.098	0.23775	0.52	0.161	0.467

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River: Morava/Dyje **Catchment:** 12540.00 km2 **2014**
Distance from mouth: 17 **Altitude:** 155 m **CZ2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Phenol index	mg/l	12	< 0.0004	< 0.0004	< 0.0004	0.0004	0.0004
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	< 1.25	9.84583	67.4	2.80	14.40
Potassium (K+)	mg/l	12	7.74	8.35	9.07	8.20	8.87
Silicates(SiO2), dissolved	mg/l	12	2.9	5.37667	8.18	4.77	7.57
Sodium (Na+)	mg/l	12	29.1	36.51667	41.3	37.00	40.70
Sulphate (SO4--)	mg/l	12	85	108.98333	150	107.00	130.00
Suspended solids	mg/l	12	2	14.58333	64	11.00	17.00
TOC	mg/l	12	5.39	6.40667	7.55	6.39	7.52
Temperature	°C	12	1.7	12.76667	23	10.20	22.70
Tetrachloroethylene	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Total nitrogen	mg/l	12	1.3	2.90917	4.2	3.35	4.19
Total phosphorus	mg/l	12	0.144	0.27458	0.653	0.183	0.526
Trichloroethylene	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05

Zinc (Zn)	µg/l	12	< 2.5	7.885	24.3	6.37	10.60
Zinc (Zn), dissolved	µg/l	12	< 2.5	4.32667	10.5	2.50	7.15
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	7.9	8.125	8.4	8.10	8.00

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River: Danube **Catchment:** 77086.00 km2 **2014**
Distance from mouth: 2204 **Altitude:** 290 m **DE2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	23	< 0.005	0.02361	0.04	0.027	0.033
Arsenic (As)	µg/l	13	0.82	1.03615	1.4	0.98	1.30
Atrazine	µg/l	13	< 0.005	0.00808	0.01	0.01	0.01
BOD (5)	mg/l	13	< 0.5	1.05385	2.3	1.00	1.90
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	13	43	54.76923	68	54.00	67.00
Carbon tetrachloride	µg/l	12	< 0.005	0.0065	0.023	0.005	0.005
Chloride (Cl-)	mg/l	13	12	18	26	17.00	25.00
Chloroform	µg/l	12	< 0.005	0.01125	0.022	0.011	0.02
Chromium (Cr), total	µg/l	13	< 0.25	< 0.25	< 0.25	0.25	0.25
Conductivity	µS/cm	13	30.5	37.65385	45.5	37.00	45.00

Copper (Cu)	µg/l	13	0.85	1.16769	1.6	1.10	1.40
DOC	mg/l	13	1.3	2.16154	2.6	2.20	2.50
Dissolved oxygen	mg/l	13	8.4	10.54615	14.2	10.20	9.00
Flow	m3/s	365	691	1236.8356	3778	1096.00	1780.00
Iron (Fe)	mg/l	13	< 0.005	0.01308	0.058	0.01	0.018
Lead (Pb), dissolved	µg/l	11	< 0.025	0.06236	0.19	0.052	0.12
Lindane (gama-HCH)	µg/l	13	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg++)	mg/l	13	11	13.15385	16	13.00	15.00
Manganese (Mn)	mg/l	13	0.001	0.00624	0.014	0.0056	0.0099
Mercury (Hg), dissolved	µg/l	13	< 0.0025	0.00477	0.013	0.0025	0.011
Nickel (Ni), dissolved	µg/l	13	0.64	0.87308	1.4	0.85	1.10
Nitrate (NO3-N)	mg/l	25	0.8	1.8012	3.08	1.70	2.60
Nitrite (NO2-N)	mg/l	25	< 0.0025	0.01078	0.024	0.009	0.018
Orthophosphate (PO4-P)	mg/l	25	< 0.0025	0.02738	0.051	0.032	0.042
Phytoplankton (biomass - chlorophyll-a)	µg/l	8	1	7.375	26	26.00	26.00
Potassium (K+)	mg/l	13	1.7	2.13846	2.5	2.10	2.50
Sodium (Na+)	mg/l	13	7.8	11.56154	16	11.00	16.00
Sulphate (SO4--)	mg/l	13	21	24.46154	29	23.00	29.00
Suspended solids	mg/l	13	3	8.38462	18	8.00	15.00
TOC	mg/l	13	1.6	2.5	2.9	2.60	2.90
Temperature	°C	374	2.5	11.28503	19.7	11.90	17.40
Tetrachloroethylene	µg/l	12	< 0.005	0.03892	0.09	0.036	0.062
Total phosphorus	mg/l	25	0.021	0.05076	0.076	0.05	0.068
Total phosphorus, dissolved	mg/l	12	0.015	0.04242	0.068	0.041	0.056
Trichloroethylene	µg/l	12	0.011	0.01917	0.039	0.016	0.026
Zinc (Zn), dissolved	µg/l	13	1.5	2.76923	5.7	2.50	4.10
pH	-	13	7.9	8.22308	8.5	8.20	8.10

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River: Inn **Catchment:** 9905.00 km2 **2014**
Distance from mouth: 195 **Altitude:** 452 m **DE3**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	13	0.02	0.03538	0.07	0.03	0.07
Arsenic (As)	µg/l	13	0.97	1.69769	2.3	1.70	2.10
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	13	< 0.5	0.70769	1.4	0.50	1.10
Cadmium (Cd), dissolved	µg/l	13	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	9	25.6	33.55556	47.4	47.40	47.40
Carbon tetrachloride	µg/l	11	< 0.005	0.00755	0.013	0.005	0.012
Chloride (Cl-)	mg/l	12	3.2	6.45833	11.2	5.00	11.00
Chloroform	µg/l	11	< 0.005	0.00582	0.014	0.005	0.005

Chromium (Cr), total	µg/l	13	< 0.25	0.39	1.2	0.25	0.77
Conductivity	µS/cm	13	16.3	23.70769	33.8	22.70	29.60
Copper (Cu)	µg/l	13	0.7	2.03154	7.4	1.30	3.50
DOC	mg/l	12	0.5	0.93333	1.5	0.90	1.20
Dissolved oxygen	mg/l	13	10.2	11.03077	12.2	10.80	10.30
Flow	m3/s	365	97.5	306.69973	1080	279.00	527.00
Iron (Fe)	mg/l	12	< 0.005	0.16525	0.91	0.038	0.35
Lead (Pb), dissolved	µg/l	13	< 0.025	0.25454	0.94	0.089	0.56
Lindane (gama-HCH)	µg/l	14	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg++)	mg/l	9	6.5	8.92222	12.6	12.60	12.60
Manganese (Mn)	mg/l	12	0.0028	0.00895	0.026	0.0065	0.019
Mercury (Hg), dissolved	µg/l	13	< 0.0025	0.00412	0.009	0.0025	0.009
Nickel (Ni), dissolved	µg/l	13	0.76	1.43923	3	1.20	2.10
Nitrate (NO3-N)	mg/l	13	0.2	0.56154	1	0.60	0.90
Nitrite (NO2-N)	mg/l	13	< 0.0025	0.00892	0.017	0.01	0.014
Orthophosphate (PO4-P)	mg/l	13	< 0.0025	0.01212	0.033	0.01	0.021
Potassium (K+)	mg/l	12	0.75	1.42333	2	1.40	1.80
Sodium (Na+)	mg/l	12	1.7	4.24167	7.5	3.80	7.00
Sulphate (SO4--)	mg/l	10	22	31.6	47	47.00	47.00
Suspended solids	mg/l	13	< 1.5	33.88462	135	18.00	118.00
TOC	mg/l	13	0.7	1.36923	2.9	1.20	2.20
Temperature	°C	13	3.7	8.62308	13.5	10.00	11.20
Tetrachloroethylene	µg/l	11	< 0.005	0.009	0.028	0.005	0.026
Total phosphorus	mg/l	12	0.021	0.06367	0.197	0.029	0.189
Trichloroethylene	µg/l	12	< 0.005	0.00542	0.01	0.005	0.005
Zinc (Zn), dissolved	µg/l	11	1.9	7.27273	31	4.60	15.00
pH	-	14	7.9	8.15714	8.3	8.20	7.90

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River: Inn/Salzach **Catchment:** 6113.00 km2 **2014**
Distance from mouth: 47 **Altitude:** 390 m **DE4**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	15	< 0.005	0.01433	0.04	0.01	0.03
Arsenic (As)	µg/l	13	0.6	0.82154	1.2	0.79	1.00
Atrazine	µg/l	13	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	13	< 0.5	1.73846	2.4	1.90	2.30
Cadmium (Cd), dissolved	µg/l	13	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca++)	mg/l	14	31	44.00714	53.1	43.80	52.60
Carbon tetrachloride	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005

Chloride (Cl-)	mg/l	14	4.6	8.12143	13	7.00	13.00
Chloroform	µg/l	12	< 0.005	0.00575	0.014	0.005	0.005
Chromium (Cr), total	µg/l	13	< 0.25	0.28154	0.66	0.25	0.25
Conductivity	µS/cm	15	19.1	27.77333	35.2	26.80	34.20
Copper (Cu)	µg/l	13	0.41	0.81	1.6	0.79	1.10
DOC	mg/l	15	0.9	1.52667	2.3	1.50	2.00
Dissolved oxygen	mg/l	15	10	11.36	12.3	11.30	10.40
Flow	m3/s	365	92.3	247.28301	1430	223.00	416.00
Iron (Fe)	mg/l	12	0.01	0.0195	0.043	0.015	0.036
Lead (Pb), dissolved	µg/l	13	< 0.025	0.07938	0.3	0.053	0.16
Lindane (gama-HCH)	µg/l	13	< 0.001	0.00108	0.002	0.001	0.001
Magnesium (Mg++)	mg/l	15	5.8	9.00667	12.1	8.60	11.20
Manganese (Mn)	mg/l	13	0.004	0.01012	0.046	0.008	0.012
Mercury (Hg), dissolved	µg/l	13	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Nickel (Ni), dissolved	µg/l	12	< 0.1	0.51917	1.1	0.46	0.74
Nitrate (NO3-N)	mg/l	14	0.37	0.53857	0.72	0.52	0.71
Nitrite (NO2-N)	mg/l	15	< 0.0025	0.00367	0.007	0.0025	0.006
Orthophosphate (PO4-P)	mg/l	15	< 0.0025	0.00843	0.014	0.008	0.012
Potassium (K+)	mg/l	15	0.76	1.25733	1.7	1.30	1.70
Sodium (Na+)	mg/l	15	3.7	7.16667	12	5.40	11.00
Sulphate (SO4--)	mg/l	14	14	19.28571	27	18.00	26.00
Suspended solids	mg/l	15	< 1.5	21.46667	92	9.00	85.00
TOC	mg/l	15	1.1	2.09333	3.6	2.00	2.90
Temperature	°C	15	3.7	8.92667	14.5	9.10	12.20
Tetrachloroethylene	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Total phosphorus	mg/l	15	0.013	0.04067	0.108	0.028	0.075
Trichloroethylene	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Zinc (Zn), dissolved	µg/l	12	1.7	7.36667	20	4.50	18.00
pH	-	15	7.2	7.99333	8.1	8.00	8.00

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River: Danube **Catchment:** 11315.00 km2 **2014**
Distance from mouth: 2538 **Altitude:** 420 m **DE5**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	13	< 0.005	0.04885	0.1	0.04	0.08
Arsenic (As)	µg/l	13	0.54	0.71615	1.2	0.65	0.87
Atrazine	µg/l	12	< 0.005	0.00833	0.01	0.01	0.01
BOD (5)	mg/l	13	< 0.5	1.44615	2.3	1.30	2.10
Cadmium (Cd), dissolved	µg/l	13	< 0.025	< 0.025	< 0.025	0.025	0.025

Calcium (Ca ⁺⁺)	mg/l	13	69.8	83.89231	101	84.90	97.00
Carbon tetrachloride	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
Chloride (Cl ⁻)	mg/l	13	16	26.84615	35	26.00	33.00
Chloroform	µg/l	12	< 0.005	0.00883	0.018	0.005	0.015
Chromium (Cr), total	µg/l	13	< 0.25	1.69846	5.5	0.89	4.30
Conductivity	µS/cm	13	38.9	49.79231	58.2	50.70	56.70
Copper (Cu)	µg/l	13	0.83	1.37923	2.7	1.10	2.30
DOC	mg/l	13	1.7	2.6	5.9	2.00	3.70
Dissolved oxygen	mg/l	13	8.8	10.54615	12.6	10.80	9.10
Flow	m ³ /s	365	53.3	126.79918	374	113.00	190.00
Iron (Fe)	mg/l	13	< 0.005	0.01085	0.025	0.005	0.021
Lead (Pb), dissolved	µg/l	13	< 0.025	0.07623	0.42	0.025	0.099
Lindane (gamma-HCH)	µg/l	13	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg ⁺⁺)	mg/l	13	9.1	12.43077	14.6	12.50	14.00
Manganese (Mn)	mg/l	13	0.001	0.00423	0.008	0.004	0.007
Mercury (Hg), dissolved	µg/l	13	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Nickel (Ni), dissolved	µg/l	12	0.61	2.00917	4	1.50	3.60
Nitrate (NO ₃ -N)	mg/l	13	1.8	2.82308	3.8	2.90	3.60
Nitrite (NO ₂ -N)	mg/l	13	0.013	0.01808	0.031	0.016	0.023
Orthophosphate (PO ₄ -P)	mg/l	13	0.018	0.04685	0.086	0.045	0.084
Phytoplankton (biomass - chlorophyll-a)	µg/l	13	< 0.5	5.15385	15	4.80	8.10
Potassium (K ⁺)	mg/l	13	2.1	2.65385	3.2	2.60	2.90
Sodium (Na ⁺)	mg/l	13	9.2	14.78462	19	14.00	18.00
Sulphate (SO ₄ ⁻⁻)	mg/l	13	13	18.46154	22	18.00	21.00
Suspended solids	mg/l	13	< 1.5	9.80769	38	5.00	22.00
TOC	mg/l	13	1.7	3.05385	6.4	2.40	5.90
Temperature	°C	13	5	11.67692	17.3	12.50	17.00
Tetrachloroethylene	µg/l	12	0.025	0.03767	0.063	0.035	0.054
Total phosphorus	mg/l	13	0.053	0.10092	0.22	0.071	0.218
Trichloroethylene	µg/l	12	< 0.005	0.00958	0.015	0.011	0.015
Zinc (Zn), dissolved	µg/l	13	2.1	7.28462	12	6.80	11.00
pH	-	13	8	8.19231	8.3	8.20	8.10

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River: Danube **Catchment:** 210250.0 km² **2014**
Distance from mouth: 1429 **Altitude:** 86 m **HR1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.369	1.69608	2.198	1.679	2.018
Ammonium (NH ₄ -N)	mg/l	12	0.014	0.03233	0.051	0.035	0.048
Anionic active surfactants	mg/l	4	< 0.03	< 0.03	< 0.03	0.03	0.03

Arsenic (As), dissolved	µg/l	12	1.253	1.64158	2.364	1.641	1.808
BOD (5)	mg/l	12	0.8	1.60833	2.7	1.50	2.50
COD (Cr)	mg/l	12	4.9	7.74167	10	7.80	9.70
COD (Mn)	mg/l	12	1.9	3.01667	4.1	3.10	3.60
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.02292	0.067	0.019	0.043
Calcium (Ca++)	mg/l	12	36.4	54.74167	76	48.00	75.30
Chloride (Cl-)	mg/l	12	11.33	20.25833	31.11	18.01	30.05
Chromium (Cr), total	µg/l	12	0.122	1.44225	12.694	0.385	1.084
Conductivity	µS/cm	12	328	470.16667	597	465.00	562.00
Copper (Cu), dissolved	µg/l	12	0.57	1.54658	2.626	1.452	2.505
Dissolved oxygen	mg/l	12	8	10.3	13	10.30	8.20
Lead (Pb), dissolved	µg/l	12	0.086	0.17817	0.382	0.124	0.292
Lindane (gama-HCH)	µg/l	4	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg++)	mg/l	12	9.9	16.45833	26.7	15.60	21.60
Mercury (Hg), dissolved	µg/l	12	< 0.001	0.00279	0.0073	0.0025	0.0048
Nickel (Ni), dissolved	µg/l	12	0.753	2.08183	3.818	1.603	3.774
Nitrate (NO3-N)	mg/l	12	1.13	1.78417	2.66	1.50	2.62
Nitrite (NO2-N)	mg/l	12	0.005	0.0115	0.026	0.01	0.022
Organic nitrogen	mg/l	12	0.041	0.18617	0.415	0.19	0.313
Orthophosphate (PO4-P)	mg/l	12	0.008	0.04417	0.065	0.05	0.057
Phenol index	mg/l	4	< 0.0015	< 0.0015	< 0.0015	0.0015	0.0015
Potassium (K+)	mg/l	12	1.89	2.75833	3.5	2.63	3.46
Silicates(SiO2), dissolved	mg/l	12	1.42	4.97333	7.4	5.11	6.82
Sodium (Na+)	mg/l	12	8.3	13.94417	20.22	11.84	20.02
Sulphate (SO4--)	mg/l	12	21.5	35.2	44.6	35.10	43.70
Suspended solids	mg/l	12	8	21.66667	44	21.00	35.00
TOC	mg/l	12	1.61	2.47417	3.56	2.35	3.30
Temperature	°C	12	2.8	13.13333	21.5	12.70	21.40
Total nitrogen	mg/l	12	1.34	2.01417	2.76	1.69	2.73
Total phosphorus	mg/l	12	0.059	0.09467	0.145	0.087	0.135
Zinc (Zn), dissolved	µg/l	12	0.58	3.668	7.826	3.365	6.656
p,p'-DDT	µg/l	4	< 0.00045	< 0.00045	< 0.00045	0.0004	0.0004
pH	-	12	7.7	8.1	8.5	8.10	7.90

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River: Danube **Catchment:** 243147.0 km² **2014**
Distance from mouth: 1337 **Altitude:** 89 m **HR2**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.309	1.58658	1.858	1.609	1.848

Ammonium (NH4-N)	mg/l	12	0.018	0.03442	0.06	0.026	0.056
BOD (5)	mg/l	12	1.4	2.18667	6.6	1.80	2.30
COD (Mn)	mg/l	12	2.1	3.9	12.3	3.00	4.20
Conductivity	µS/cm	12	318	407.16667	500	410.00	482.00
Dissolved oxygen	mg/l	12	8.2	10.15	12.1	9.90	8.20
Flow	m3/s	365	2092	3066.9808	5259	2871.00	4393.00
Nitrate (NO3-N)	mg/l	12	0.96	1.52	2.44	1.42	2.15
Nitrite (NO2-N)	mg/l	12	0.005	0.00758	0.015	0.006	0.01
Organic nitrogen	mg/l	12	0.026	0.22283	0.485	0.194	0.319
Orthophosphate (PO4-P)	mg/l	12	0.007	0.03342	0.065	0.032	0.052
Suspended solids	mg/l	12	4	19.66667	43	14.00	37.00
TOC	mg/l	12	1.51	2.38167	3.23	2.44	3.00
Temperature	°C	12	4.7	14.09167	25	14.00	21.50
Total nitrogen	mg/l	12	1.2	1.78483	2.498	1.76	2.35
Total phosphorus	mg/l	12	0.055	0.11392	0.476	0.072	0.123
pH	-	12	8	8.175	8.4	8.20	8.10

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River:	Drava	Catchment:	31038.00 km2	2014
Distance from mouth:	227	Altitude:	123 m	HR4
Location:	Middle			

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	0.949	1.28067	1.639	1.259	1.479
Ammonium (NH4-N)	mg/l	12	< 0.005	0.02733	0.05	0.027	0.045
Anionic active surfactants	mg/l	4	< 0.03	< 0.03	< 0.03	0.03	0.03
Arsenic (As), dissolved	µg/l	12	0.079	1.16017	1.574	1.242	1.388
BOD (5)	mg/l	12	0.6	1.44583	2.4	1.40	1.80
COD (Cr)	mg/l	12	4.4	6.3	11.9	5.60	7.80
COD (Mn)	mg/l	12	1.6	2.36667	4.4	2.10	2.80
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.02442	0.037	0.026	0.035
Calcium (Ca++)	mg/l	12	30.6	41.64167	57.5	40.20	50.30
Chloride (Cl-)	mg/l	12	5.01	8.50583	14.38	7.79	12.99
Chromium (Cr), total	µg/l	12	0.275	0.49233	1.083	0.403	0.643
Conductivity	µS/cm	12	231	304.58333	369	304.00	361.00
Copper (Cu), dissolved	µg/l	12	0.332	0.85242	1.457	0.80	1.184
Dissolved oxygen	mg/l	12	8.2	10.24167	12.9	9.90	8.90
Lead (Pb), dissolved	µg/l	12	0.098	0.31808	0.634	0.339	0.502
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg++)	mg/l	12	7.1	10.68333	14.6	10.20	13.80
Mercury (Hg), dissolved	µg/l	12	< 0.001	0.00377	0.0081	0.0036	0.0074
Nickel (Ni), dissolved	µg/l	12	0.522	1.40475	3.813	1.24	1.968
Nitrate (NO3-N)	mg/l	12	0.75	1.09833	1.62	1.09	1.35
Nitrite (NO2-N)	mg/l	12	0.005	0.00825	0.013	0.007	0.012
Organic nitrogen	mg/l	12	0.045	0.14133	0.286	0.132	0.22
Orthophosphate (PO4-P)	mg/l	12	< 0.0025	0.01588	0.031	0.016	0.021
Phenol index	mg/l	4	< 0.0015	< 0.0015	< 0.0015	0.0015	0.0015
Potassium (K+)	mg/l	12	1.24	1.76667	2.39	1.82	2.26
Silicates(SiO2), dissolved	mg/l	12	0.38	6.3475	8.37	6.50	8.22
Sodium (Na+)	mg/l	12	4.59	6.85333	10.39	6.52	9.72
Sulphate (SO4--)	mg/l	12	16.9	21.79167	27.9	21.30	25.70
Suspended solids	mg/l	12	5	12.16667	43	10.00	16.00
TOC	mg/l	12	1.26	1.77	2.9	1.73	2.02
Temperature	°C	12	2.2	12.13333	24	11.90	20.30
Total nitrogen	mg/l	12	0.91	1.27442	1.72	1.30	1.61
Total phosphorus	mg/l	12	0.03	0.05167	0.092	0.047	0.077
Zinc (Zn), dissolved	µg/l	12	1.024	3.8985	14.334	2.666	6.984
p,p'-DDT	µg/l	12	< 0.00045	< 0.00045	< 0.00045	0.0004	0.0004
pH	-	12	7.9	8.00833	8.1	8.00	7.90

Location:

Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.079	1.36483	1.619	1.419	1.599
Ammonium (NH ₄ -N)	mg/l	12	< 0.005	0.02275	0.048	0.014	0.039
Anionic active surfactants	mg/l	4	< 0.03	< 0.03	< 0.03	0.03	0.03
Arsenic (As), dissolved	µg/l	12	1.212	1.47042	1.856	1.431	1.751
BOD (5)	mg/l	12	0.7	1.48833	2.1	1.50	2.00
COD (Cr)	mg/l	12	4.5	6.69167	9.4	6.40	8.70
COD (Mn)	mg/l	12	2.3	2.73333	3.4	2.60	3.40
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.02758	0.053	0.025	0.046
Calcium (Ca ⁺⁺)	mg/l	12	32.7	44.65833	59.4	41.90	55.40
Chloride (Cl ⁻)	mg/l	12	5.24	8.69417	16.16	7.63	12.87
Chromium (Cr), total	µg/l	12	0.213	0.521	1.152	0.35	0.913
Conductivity	µS/cm	12	248	321.75	401	318.00	399.00
Copper (Cu), dissolved	µg/l	12	0.608	0.97692	1.737	0.869	1.293
Dissolved oxygen	mg/l	12	7.9	9.95833	12.4	9.60	8.60
Lead (Pb), dissolved	µg/l	12	0.133	0.38408	0.936	0.244	0.865
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg ⁺⁺)	mg/l	12	8.1	11.55	15	11.40	14.90
Mercury (Hg), dissolved	µg/l	12	< 0.001	0.00278	0.0088	0.001	0.005
Nickel (Ni), dissolved	µg/l	12	0.589	1.583	4.12	1.239	2.689
Nitrate (NO ₃ -N)	mg/l	12	0.72	1.0425	1.61	0.98	1.31
Nitrite (NO ₂ -N)	mg/l	12	0.003	0.00575	0.013	0.005	0.007
Organic nitrogen	mg/l	12	0.037	0.16033	0.287	0.149	0.284
Orthophosphate (PO ₄ -P)	mg/l	12	0.009	0.0205	0.034	0.017	0.032
Phenol index	mg/l	4	< 0.0015	0.00238	0.005	0.005	0.005
Potassium (K ⁺)	mg/l	12	1.28	1.80333	2.46	1.79	2.32
Silicates(SiO ₂), dissolved	mg/l	12	5.28	7.69667	14.31	7.13	9.45
Sodium (Na ⁺)	mg/l	12	4.71	6.99917	11.9	6.42	9.65
Sulphate (SO ₄ ⁻⁻)	mg/l	12	17.5	21.625	27.6	20.80	25.80
Suspended solids	mg/l	12	5	15	36	13.00	20.00
TOC	mg/l	12	1.44	1.94667	2.87	1.82	2.58
Temperature	°C	12	3	13.16667	24	12.80	23.20
Total nitrogen	mg/l	12	0.94	1.23008	1.69	1.23	1.52
Total phosphorus	mg/l	12	0.034	0.05842	0.093	0.061	0.07
Zinc (Zn), dissolved	µg/l	12	0.867	2.38792	4.683	2.007	3.334
p,p'-DDT	µg/l	12	< 0.00045	< 0.00045	< 0.00045	0.0004	0.0004
pH	-	12	7.7	8.025	8.2	8.10	7.90

River: Sava **Catchment:** 10834.00 km2 **2014**
Distance from mouth: 729 **Altitude:** 135 m **HR6**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.748	1.97633	2.148	1.968	2.068
Ammonium (NH4-N)	mg/l	12	0.012	0.02758	0.045	0.028	0.041
Anionic active surfactants	mg/l	4	< 0.03	< 0.03	< 0.03	0.03	0.03
Arsenic (As), dissolved	µg/l	12	0.425	0.56208	0.763	0.483	0.752
BOD (5)	mg/l	12	< 0.3	1.275	2.8	1.00	1.90
COD (Cr)	mg/l	12	< 2	5.325	11.8	5.50	8.90
COD (Mn)	mg/l	12	1.2	2.08333	3.1	1.90	3.10
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.02392	0.047	0.02	0.045
Calcium (Ca++)	mg/l	12	52	59.03333	68.3	56.70	67.30
Chloride (Cl-)	mg/l	12	4.48	6.84833	9.22	6.94	8.05
Chromium (Cr), total	µg/l	12	0.223	0.49633	1.006	0.358	0.849
Conductivity	µS/cm	12	342	406.5	442	411.00	442.00
Copper (Cu), dissolved	µg/l	12	0.21	0.71433	1.197	0.734	1.033
Dissolved oxygen	mg/l	12	8.9	10.50833	12.4	10.60	9.30
Flow	m3/s	365	110	420.68493	2103	322.00	804.00
Lead (Pb), dissolved	µg/l	12	0.063	0.15292	0.386	0.134	0.265
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg++)	mg/l	12	11.9	14.34167	17.1	13.70	16.50
Mercury (Hg), dissolved	µg/l	12	< 0.001	0.00163	0.0045	0.001	0.0031
Nickel (Ni), dissolved	µg/l	12	0.407	1.42575	2.854	0.991	2.501
Nitrate (NO3-N)	mg/l	12	0.94	1.26667	1.57	1.25	1.39
Nitrite (NO2-N)	mg/l	12	0.005	0.00933	0.016	0.009	0.015
Organic nitrogen	mg/l	12	0.024	0.15975	0.339	0.173	0.243
Orthophosphate (PO4-P)	mg/l	12	< 0.0025	0.03013	0.058	0.027	0.05
Potassium (K+)	mg/l	12	0.71	0.99	1.22	1.00	1.17
Silicates(SiO2), dissolved	mg/l	12	0.36	3.29583	4.73	3.63	4.70
Sodium (Na+)	mg/l	12	3.47	4.63417	5.73	4.23	5.50
Sulphate (SO4--)	mg/l	12	8.7	11.01667	13.2	11.10	12.20
Suspended solids	mg/l	12	2	13.41667	82	8.00	14.00
TOC	mg/l	12	0.92	1.47333	2.54	1.43	1.84
Temperature	°C	12	7.1	13.55833	21.1	12.80	20.90
Total nitrogen	mg/l	12	1.27	1.46333	1.82	1.45	1.64
Total phosphorus	mg/l	12	0.03	0.06283	0.105	0.059	0.087
Zinc (Zn), dissolved	µg/l	12	0.545	2.15317	5.682	1.628	3.299
p,p'-DDT	µg/l	12	< 0.00045	0.00091	0.006	0.0004	0.0004
pH	-	12	7.9	8.125	8.3	8.10	8.00

River: Sava Catchment: 62890.00 km2 2014
Distance from mouth: 254 Altitude: 85 m HR8
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Flow	m3/s	365	604	1840.0328	5317	1663.00	2999.00

River: Sava **Catchment:** 62890.00 km2 **2014**
Distance from mouth: 254 **Altitude:** 85 m **HR8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	1.599	1.869	2.028	1.858	2.018
Ammonium (NH ₄ -N)	mg/l	11	0.026	0.04391	0.07	0.043	0.061
Arsenic (As), dissolved	µg/l	11	0.713	1.23445	3.147	0.88	1.718
BOD (5)	mg/l	11	0.9	1.69818	3.6	1.60	2.30
COD (Cr)	mg/l	11	6.6	10.00909	16.9	10.00	14.50
COD (Mn)	mg/l	11	1.8	3.53636	5.2	3.40	5.10
Cadmium (Cd), dissolved	µg/l	11	< 0.005	0.02182	0.04	0.02	0.034
Calcium (Ca ⁺⁺)	mg/l	11	56.5	64.29091	73.6	64.40	69.60
Chloride (Cl ⁻)	mg/l	11	8.41	14.20273	20.52	11.79	20.52
Chromium (Cr), total	µg/l	11	0.263	0.79827	3.092	0.448	1.159
Conductivity	µS/cm	11	342	421.90909	486	424.00	468.00
Copper (Cu), dissolved	µg/l	11	0.664	1.03618	1.711	0.953	1.61
Dissolved oxygen	mg/l	11	6.7	8.82727	11.1	8.80	6.90
Lead (Pb), dissolved	µg/l	11	0.014	0.22255	0.489	0.136	0.451
Lindane (gama-HCH)	µg/l	11	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg ⁺⁺)	mg/l	11	10.2	12.5	15.9	12.20	13.30
Mercury (Hg), dissolved	µg/l	11	< 0.001	0.00235	0.0047	0.0026	0.0041
Nickel (Ni), dissolved	µg/l	11	1.124	2.23318	4.427	1.866	3.657
Nitrate (NO ₃ -N)	mg/l	11	0.79	0.98273	1.15	0.96	1.15
Nitrite (NO ₂ -N)	mg/l	11	0.003	0.01564	0.025	0.016	0.023
Organic nitrogen	mg/l	11	0.009	0.19136	0.346	0.195	0.34
Orthophosphate (PO ₄ -P)	mg/l	11	0.023	0.04345	0.063	0.045	0.059
Potassium (K ⁺)	mg/l	11	0.9	1.40545	2.1	1.29	1.87
Silicates(SiO ₂), dissolved	mg/l	11	3.44	4.81364	6.58	4.92	5.58
Sodium (Na ⁺)	mg/l	11	4.12	6.27727	8.36	6.10	8.19
Sulphate (SO ₄ ⁻⁻)	mg/l	11	11.7	15.46364	19.1	14.80	18.40
Suspended solids	mg/l	11	10	19.36364	35	17.00	26.00
TOC	mg/l	11	1.76	2.54409	3.25	2.70	3.14
Temperature	°C	11	3.6	13.96364	24.5	12.80	23.20
Total nitrogen	mg/l	11	0.98	1.23364	1.54	1.21	1.45
Total phosphorus	mg/l	11	0.052	0.10164	0.181	0.093	0.145
Zinc (Zn), dissolved	µg/l	11	0.209	2.71773	6.059	2.63	4.626
p,p'-DDT	µg/l	11	< 0.00045	< 0.00045	< 0.00045	0.0004	0.0004
pH	-	11	7.9	8.00909	8.2	8.00	7.90

River: Drava **Catchment:** 15356.00 km² **2014**
Distance from mouth: 300 **Altitude:** 192 m **HR9**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	0.909	1.17567	1.509	1.159	1.449
Ammonium (NH ₄ -N)	mg/l	12	< 0.005	0.03167	0.062	0.027	0.053
Anionic active surfactants	mg/l	3	< 0.03	< 0.03	< 0.03		
Arsenic (As), dissolved	µg/l	12	1.097	1.51125	2.333	1.322	2.315
BOD (5)	mg/l	12	0.9	1.24583	1.8	1.20	1.70
COD (Cr)	mg/l	12	4.6	5.85	9.2	5.30	7.50
COD (Mn)	mg/l	12	1.2	2.04167	2.9	2.00	2.50
Cadmium (Cd), dissolved	µg/l	12	< 0.005	0.02925	0.057	0.026	0.053
Calcium (Ca ⁺⁺)	mg/l	12	31.6	38.05	48.7	36.30	45.50
Chloride (Cl ⁻)	mg/l	12	3.79	5.66833	9.85	4.98	8.28
Chromium (Cr), total	µg/l	12	0.128	0.55475	2.012	0.42	0.882
Conductivity	µS/cm	12	209	271.91667	329	259.00	323.00
Copper (Cu), dissolved	µg/l	12	0.389	0.74933	1.129	0.759	0.99
Dissolved oxygen	mg/l	12	7.8	10.525	12.6	10.20	9.20
Lead (Pb), dissolved	µg/l	12	< 0.0035	0.29671	0.761	0.24	0.509
Lindane (gama-HCH)	µg/l	4	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg ⁺⁺)	mg/l	12	7.4	10.46667	14.9	10.50	13.70
Mercury (Hg), dissolved	µg/l	12	< 0.001	0.00269	0.0053	0.0024	0.0051
Nickel (Ni), dissolved	µg/l	12	0.187	0.93333	2.952	0.671	1.533
Nitrate (NO ₃ -N)	mg/l	12	0.62	0.86667	1.23	0.83	1.07
Nitrite (NO ₂ -N)	mg/l	12	0.002	0.00533	0.01	0.004	0.008
Organic nitrogen	mg/l	12	0.016	0.11925	0.206	0.109	0.204
Orthophosphate (PO ₄ -P)	mg/l	12	0.005	0.01067	0.021	0.01	0.013
Potassium (K ⁺)	mg/l	12	0.99	1.37083	1.65	1.35	1.65
Silicates(SiO ₂), dissolved	mg/l	12	4.42	5.43833	6.44	5.44	6.29
Sodium (Na ⁺)	mg/l	12	3.44	4.62083	7.1	4.02	5.95
Sulphate (SO ₄ ⁻⁻)	mg/l	12	16.5	19.8	24.5	19.70	23.40
Suspended solids	mg/l	12	7	13.33333	29	12.00	19.00
TOC	mg/l	12	0.84	1.46583	2.46	1.25	2.34
Temperature	°C	12	4.3	11.20833	18.3	10.20	16.80
Total nitrogen	mg/l	12	0.75	1.0225	1.39	1.02	1.21
Total phosphorus	mg/l	12	< 0.0125	0.05217	0.151	0.044	0.075

Zinc (Zn), dissolved	µg/l	12	1.47	5.78767	10.614	5.354	10.467
p,p'-DDT	µg/l	4	< 0.00045	< 0.00045	< 0.00045	0.0004	0.0004
pH	-	12	7.8	8.10833	8.2	8.10	8.00

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River: Danube **Catchment:** 131605.0 km² **2014**
Distance from mouth: 1806 **Altitude:** 108 m **HU1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.4	3.125	3.7	3.20	3.60
Ammonium (NH ₄ -N)	mg/l	9	0.02	0.03089	0.047	0.047	0.047
Arsenic (As), dissolved	µg/l	12	< 0.45	0.55417	1.7	0.45	0.45
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	7	1.1	2.95571	4.99	4.99	4.99
COD (Cr)	mg/l	9	4.5	8.12222	13.8	13.80	13.80
COD (Mn)	mg/l	9	1.7	3.08889	4.9	4.90	4.90
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	46.4	57.4	68	57.60	68.00
Carbon tetrachloride	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Chloride (Cl ⁻)	mg/l	12	10.4	17.89167	24.8	16.30	24.10
Chloroform	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Chromium (Cr), total	µg/l	12	< 0.85	< 0.85	< 0.85	0.85	0.85
Conductivity	µS/cm	9	301	368.44444	458	458.00	458.00
Copper (Cu), dissolved	µg/l	12	< 0.25	1.55	3.5	1.50	2.20
Dissolved oxygen	mg/l	12	7.84	10.3875	13	9.32	8.77
Flow	m ³ /s	365	908	1722.1835	4870	1460.00	2590.00
Iron (Fe)	mg/l	9	< 0.005	< 0.005	< 0.005	0.005	0.005
Lead (Pb), dissolved	µg/l	12	< 0.35	< 0.35	< 0.35	0.35	0.35
Lindane (gama-HCH)	µg/l	9	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg ⁺⁺)	mg/l	12	9.7	14.59167	18.5	15.10	18.00
Manganese (Mn)	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Mercury (Hg), dissolved	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Nickel (Ni), dissolved	µg/l	12	< 0.35	0.41667	0.8	0.35	0.70
Nitrate (NO ₃ -N)	mg/l	12	0.78	1.685	2.53	1.54	2.33
Nitrite (NO ₂ -N)	mg/l	12	0.005	0.01208	0.023	0.01	0.017
Organic nitrogen	mg/l	12	< 0.5	0.64917	1.77	0.50	1.02
Orthophosphate (PO ₄ -P)	mg/l	12	0.013	0.03778	0.0652	0.0391	0.0522
Petroleum hydrocarbons	mg/l	9	< 0.01	0.01867	0.025	0.025	0.025
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	2	4.19583	14.2	2.37	7.10

Potassium (K+)	mg/l	12	< 2	< 2	< 2	2.00	2.00
Sodium (Na+)	mg/l	12	6.1	10.45	15.3	9.90	14.00
Sulphate (SO4--)	mg/l	12	19.2	29.85	38.9	28.80	36.50
Suspended solids	mg/l	12	3	29.33333	121	14.00	70.00
TOC	mg/l	12	2.7	3.7	5.2	3.40	4.70
Temperature	°C	12	2.4	11.825	20.8	12.70	19.50
Tetrachloroethylene	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Total nitrogen	mg/l	12	1.41	2.25083	3.29	2.29	2.73

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River: Danube **Catchment:** 131605.0 km² **2014**
Distance from mouth: 1806 **Altitude:** 108 m **HU1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus	mg/l	12	0.05	0.09167	0.15	0.08	0.14
Trichloroethylene	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00
p,p'-DDT	µg/l	11	< 0.01	< 0.01	< 0.01	0.01	0.01
pH	-	9	7.81	8.23667	8.66	7.81	7.81

River: Tisza **Catchment:** 9707.00 km2 **2014**
Distance from mouth: 757 **Altitude:** 114 m **HU10**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1	1.99167	2.2	2.10	2.10
Aluminium (Al)	µg/l	12	2.5	32.54167	64	31.00	53.00
Aluminium (Al), dissolved	µg/l	12	< 1	16.525	26	14.00	26.00
Ammonium (NH4-N)	mg/l	12	0.01	0.02917	0.06	0.03	0.06
Arsenic (As)	µg/l	9	< 0.5	4.26667	13	13.00	13.00
Atrazine	µg/l	1	< 0.005	< 0.005	< 0.005		
COD (Cr)	mg/l	1	< 2.5	< 2.5	< 2.5		
COD (Mn)	mg/l	1	2.7	2.7	2.7		
Cadmium (Cd)	µg/l	12	< 0.1	0.15833	0.6	0.10	0.20
Cadmium (Cd), dissolved	µg/l	12	< 0.1	0.10833	0.2	0.10	0.10
Calcium (Ca++)	mg/l	11	32.6	35.05455	40.5	34.10	37.20
Carbon tetrachloride	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Chloride (Cl-)	mg/l	7	9	12.42857	22	22.00	22.00
Chloroform	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr) - total	µg/l	12	< 0.5	4.80833	34	1.10	9.70
Chromium (Cr), total	µg/l	12	< 0.5	0.79167	2.3	0.50	1.60
Conductivity	µS/cm	1	250	250	250		
Copper (Cu)	µg/l	12	< 2.5	3.73333	7.9	2.50	7.50
Copper (Cu), dissolved	µg/l	12	< 2.5	< 2.5	< 2.5	2.50	2.50
Dissolved oxygen	mg/l	1	13.6	13.6	13.6		
Flow	m3/s	365	46.2	111.68685	328	96.40	198.00
Iron (Fe)	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Lead (Pb)	µg/l	12	< 1.5	5.11667	20	1.50	17.00
Lead (Pb), dissolved	µg/l	12	< 1.5	4.075	15	1.50	14.00
Magnesium (Mg++)	mg/l	11	< 3	5.26364	10.9	3.00	8.80
Manganese (Mn)	mg/l	12	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Mercury (Hg)	µg/l	12	< 0.01	0.01667	0.03	0.01	0.03
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	< 0.5	9.2	45	2.00	22.00
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.875	6.3	1.20	4.90
Nitrate (NO3-N)	mg/l	12	0.3	0.45	0.7	0.40	0.70
Nitrite (NO2-N)	mg/l	1	0.01	0.01	0.01		
Orthophosphate (PO4-P)	mg/l	12	< 0.0035	0.00553	0.0197	0.0035	0.0116
Petroleum hydrocarbons	mg/l	12	< 0.02	< 0.02	< 0.02	0.02	0.02
Phenol index	mg/l	1	< 0.001	< 0.001	< 0.001		
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	1.1	1.74167	3.8	1.10	2.80
Suspended solids	mg/l	12	< 5	17.41667	65	11.00	46.00

Temperature °C 12 2 13.29167 23.3 11.70 22.10

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River: Tisza **Catchment:** 9707.00 km2 **2014**
Distance from mouth: 757 **Altitude:** 114 m **HU10**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Tetrachloroethylene	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Total phosphorus	mg/l	1	< 0.02	< 0.02	< 0.02		
Trichloroethylene	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Zinc (Zn)	µg/l	12	< 0.5	12.54167	33	9.10	26.00
Zinc (Zn), dissolved	µg/l	12	< 0.5	7.69167	16	6.40	15.00
p,p'-DDT	µg/l	1	< 0.005	< 0.005	< 0.005		
pH	-	12	7.93	8.13833	8.3	8.10	7.99

River: Tisza/Szamos **Catchment:** 15283.00 km2 **2014**
Distance from mouth: 45 **Altitude:** 113 m **HU11**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.7	2.25	3	2.10	2.50
Aluminium (Al)	µg/l	12	11	57.08333	180	42.00	82.00
Aluminium (Al), dissolved	µg/l	12	< 1	29.33333	74	25.00	55.00
Ammonium (NH4-N)	mg/l	12	0.02	0.14583	0.37	0.06	0.36
Arsenic (As)	µg/l	12	< 0.5	4.475	24.2	1.60	7.80
COD (Cr)	mg/l	1	27.5	27.5	27.5		
COD (Mn)	mg/l	1	7.5	7.5	7.5		
Cadmium (Cd)	µg/l	12	< 0.1	0.18333	0.6	0.10	0.50
Cadmium (Cd), dissolved	µg/l	12	< 0.1	0.14167	0.4	0.10	0.30
Calcium (Ca ⁺⁺)	mg/l	11	32.8	43.06364	51	43.40	50.00
Carbon tetrachloride	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Chloride (Cl ⁻)	mg/l	7	47	61.42857	80	80.00	80.00
Chloroform	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr) - total	µg/l	12	< 0.5	1.79167	13	0.50	1.70
Chromium (Cr), total	µg/l	12	< 0.5	0.63333	1.3	0.50	1.30
Conductivity	µS/cm	1	492	492	492		
Copper (Cu)	µg/l	12	< 2.5	5.58333	15	5.20	7.60
Copper (Cu), dissolved	µg/l	12	< 2.5	3.91667	10	2.50	6.40
Dissolved oxygen	mg/l	1	12.7	12.7	12.7		
Flow	m ³ /s	365	23.5	61.11699	262	51.50	113.00
Iron (Fe)	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Lead (Pb)	µg/l	12	< 1.5	5.06667	17	1.50	15.00
Lead (Pb), dissolved	µg/l	12	< 1.5	2.89167	13	1.50	6.70
Magnesium (Mg ⁺⁺)	mg/l	11	8	11.3	16.6	11.30	13.40
Manganese (Mn)	mg/l	12	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Mercury (Hg)	µg/l	12	< 0.01	0.01417	0.03	0.01	0.03
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	1	16.95	150	4.20	8.40
Nickel (Ni), dissolved	µg/l	12	< 0.5	2.18333	7.8	1.50	6.70
Nitrate (NO ₃ -N)	mg/l	12	< 0.0565	0.85471	1.1	0.90	1.10
Nitrite (NO ₂ -N)	mg/l	11	0.01	0.02	0.03	0.02	0.02
Orthophosphate (PO ₄ -P)	mg/l	12	< 0.0035	0.01904	0.0445	0.0159	0.0381
Petroleum hydrocarbons	mg/l	12	< 0.02	< 0.02	< 0.02	0.02	0.02
Phenol index	mg/l	1	< 0.001	< 0.001	< 0.001		
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	1.1	20.90833	73.6	6.50	47.40
Suspended solids	mg/l	22	< 5	39.04545	153	25.00	113.00
Temperature	°C	12	0.9	13.55	24.8	13.10	23.30

River: Tisza/Hármas- **Catchment:** 2489.00 km2 **2014**
Distance from mouth: 9 **Altitude:** 92 m **HU12**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.4	1.7	2.2	1.70	2.00
Aluminium (Al)	µg/l	12	8.5	21.20833	38	18.00	32.00
Aluminium (Al), dissolved	µg/l	12	< 1	11.85	29	12.00	18.00
Ammonium (NH4-N)	mg/l	12	0.04	0.07	0.13	0.07	0.10
Arsenic (As)	µg/l	11	< 0.5	5.17273	27.8	1.70	11.70
Atrazine	µg/l	1	< 0.005	< 0.005	< 0.005		
COD (Cr)	mg/l	1	9.9	9.9	9.9		
COD (Mn)	mg/l	1	8.2	8.2	8.2		
Cadmium (Cd)	µg/l	12	< 0.1	0.19167	0.5	0.10	0.50
Cadmium (Cd), dissolved	µg/l	12	< 0.1	0.13333	0.3	0.10	0.30
Calcium (Ca++)	mg/l	11	23.1	28.03636	37.4	27.90	30.60
Carbon tetrachloride	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Chloride (Cl-)	mg/l	7	< 3.5	8.14286	14	14.00	14.00
Chloroform	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr) - total	µg/l	12	< 0.5	2.36667	20	0.50	2.60
Chromium (Cr), total	µg/l	12	< 0.5	0.54167	1	0.50	0.50
Conductivity	µS/cm	1	292	292	292		
Copper (Cu)	µg/l	12	< 2.5	4.8	24	2.50	5.70
Copper (Cu), dissolved	µg/l	12	< 2.5	2.75	5.5	2.50	2.50
Dissolved oxygen	mg/l	1	12.3	12.3	12.3		
Flow	m3/s	365	3.25	12.87405	60.9	10.70	22.80
Iron (Fe)	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Lead (Pb)	µg/l	12	< 1.5	6.26667	24	1.50	18.00
Lead (Pb), dissolved	µg/l	12	< 1.5	4.125	20	1.50	12.00
Magnesium (Mg++)	mg/l	11	< 3	3.71818	7.6	3.00	6.30
Manganese (Mn)	mg/l	12	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Mercury (Hg)	µg/l	12	< 0.01	0.01333	0.03	0.01	0.02
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	< 0.5	6.85	23	2.10	18.00
Nickel (Ni), dissolved	µg/l	12	< 0.5	2.725	7.7	1.30	7.20
Nitrate (NO3-N)	mg/l	12	0.3	0.65833	1.2	0.60	1.10
Nitrite (NO2-N)	mg/l	12	0.01	0.01833	0.04	0.01	0.03
Orthophosphate (PO4-P)	mg/l	12	< 0.0035	0.01958	0.0453	0.0221	0.0279
Petroleum hydrocarbons	mg/l	12	< 0.02	< 0.02	< 0.02	0.02	0.02
Phenol index	mg/l	1	< 0.001	< 0.001	< 0.001		
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	1.1	3.40833	8.5	1.80	7.00
Suspended solids	mg/l	12	< 5	15.16667	45	13.00	32.00

Temperature °C 11 7.2 15.05455 23.7 16.00 22.20

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River: Tisza/Hármas- **Catchment:** 2489.00 km2 **2014**
Distance from mouth: 9 **Altitude:** 92 m **HU12**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Tetrachloroethylene	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Total phosphorus	mg/l	1	< 0.02	< 0.02	< 0.02		
Trichloroethylene	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Zinc (Zn)	µg/l	12	< 0.5	7.74167	19	5.20	15.00
Zinc (Zn), dissolved	µg/l	12	< 0.5	5.21667	13	3.20	12.00
p,p'-DDT	µg/l	1	< 0.005	< 0.005	< 0.005		
pH	-	11	7.57	7.98	8.31	8.03	7.64

River: Tisza/Hármas- **Catchment:** 4302.00 km² **2014**
Distance from mouth: 16 **Altitude:** 85 m **HU13**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.1	2.48333	2.8	2.50	2.80
Aluminium (Al)	µg/l	12	8.9	31.65833	110	24.00	42.00
Aluminium (Al), dissolved	µg/l	12	< 1	19.80833	99	11.00	26.00
Ammonium (NH ₄ -N)	mg/l	12	0.03	0.05667	0.11	0.05	0.09
Arsenic (As)	µg/l	10	< 0.5	4.55	18.4	18.40	18.40
Atrazine	µg/l	1	< 0.005	< 0.005	< 0.005		
COD (Cr)	mg/l	1	< 2.5	< 2.5	< 2.5		
COD (Mn)	mg/l	1	3.6	3.6	3.6		
Cadmium (Cd)	µg/l	12	< 0.1	0.19167	0.6	0.10	0.60
Cadmium (Cd), dissolved	µg/l	12	< 0.1	0.13333	0.5	0.10	0.10
Calcium (Ca ⁺⁺)	mg/l	11	37	40.65455	47.1	40.00	44.80
Carbon tetrachloride	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Chloride (Cl ⁻)	mg/l	7	< 3.5	5.71429	9	9.00	9.00
Chloroform	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr) - total	µg/l	12	< 0.5	2.09167	11	0.50	4.20
Chromium (Cr), total	µg/l	12	< 0.5	0.78333	2.5	0.50	1.40
Conductivity	µS/cm	1	280	280	280		
Copper (Cu)	µg/l	12	< 2.5	4.41667	13	2.50	8.80
Copper (Cu), dissolved	µg/l	12	< 2.5	< 2.5	< 2.5	2.50	2.50
Dissolved oxygen	mg/l	1	13	13	13		
Flow	m ³ /s	365	4.23	17.24156	70.2	14.20	32.00
Iron (Fe)	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Lead (Pb)	µg/l	12	< 1.5	4.95833	22	1.50	11.00
Lead (Pb), dissolved	µg/l	12	< 1.5	3.20833	19	1.50	4.50
Magnesium (Mg ⁺⁺)	mg/l	11	< 3	6.93636	9.8	7.50	8.60
Manganese (Mn)	mg/l	12	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Mercury (Hg)	µg/l	12	< 0.01	0.01083	0.02	0.01	0.01
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	< 0.5	4.14167	10	2.60	8.10
Nickel (Ni), dissolved	µg/l	12	< 0.5	2.21667	5.7	1.10	5.60
Nitrate (NO ₃ -N)	mg/l	12	0.2	0.60833	1.1	0.60	1.00
Nitrite (NO ₂ -N)	mg/l	10	0.01	0.015	0.04	0.04	0.04
Orthophosphate (PO ₄ -P)	mg/l	12	0.0075	0.02498	0.0519	0.0243	0.0366
Petroleum hydrocarbons	mg/l	12	< 0.02	< 0.02	< 0.02	0.02	0.02
Phenol index	mg/l	1	< 0.001	< 0.001	< 0.001		
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	1.1	1.7	5	1.10	2.30
Suspended solids	mg/l	12	< 5	33.58333	257	12.00	25.00

Temperature °C 11 6.1 15.16364 25.7 15.10 22.50

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River: Tisza/Hármas- **Catchment:** 4302.00 km2 **2014**
Distance from mouth: 16 **Altitude:** 85 m **HU13**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Tetrachloroethylene	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Total phosphorus	mg/l	1	< 0.02	< 0.02	< 0.02		
Trichloroethylene	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Zinc (Zn)	µg/l	12	< 0.5	6.29167	14	6.10	12.00
Zinc (Zn), dissolved	µg/l	12	< 0.5	3.725	7.8	3.50	5.80
p,p'-DDT	µg/l	1	< 0.005	< 0.005	< 0.005		
pH	-	11	7.73	8.08364	8.55	8.08	7.90

River: Tisza/Hármas- **Catchment:** 4251.00 km2 **2014**
Distance from mouth: 59 **Altitude:** 85 m **HU14**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.8	2.5	3.3	2.50	3.00
Aluminium (Al)	µg/l	12	14	40.25	150	29.00	60.00
Aluminium (Al), dissolved	µg/l	12	< 1	26.75	100	21.00	38.00
Ammonium (NH4-N)	mg/l	12	0.05	0.09083	0.34	0.06	0.09
Arsenic (As)	µg/l	12	< 0.5	5.575	21.6	2.30	19.80
Atrazine	µg/l	1	< 0.005	< 0.005	< 0.005		
COD (Cr)	mg/l	1	< 2.5	< 2.5	< 2.5		
Cadmium (Cd)	µg/l	12	< 0.1	0.15	0.4	0.10	0.40
Cadmium (Cd), dissolved	µg/l	12	< 0.1	0.11667	0.3	0.10	0.10
Calcium (Ca ⁺⁺)	mg/l	11	34.7	38.83636	43.7	39.50	43.10
Carbon tetrachloride	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Chloride (Cl ⁻)	mg/l	7	< 3.5	8.35714	10	10.00	10.00
Chloroform	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr) - total	µg/l	12	< 0.5	2.43333	20	0.50	2.70
Chromium (Cr), total	µg/l	12	< 0.5	0.6	1.1	0.50	1.10
Conductivity	µS/cm	1	314	314	314		
Copper (Cu)	µg/l	12	< 2.5	4.575	10	2.50	7.70
Copper (Cu), dissolved	µg/l	12	< 2.5	3.66667	8.6	2.50	7.60
Dissolved oxygen	mg/l	1	13.2	13.2	13.2		
Flow	m ³ /s	365	2.35	11.09797	55.9	7.99	24.30
Iron (Fe)	mg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Lead (Pb)	µg/l	12	< 1.5	8.28333	21	3.90	21.00
Lead (Pb), dissolved	µg/l	12	< 1.5	4.76667	20	1.50	13.00
Magnesium (Mg ⁺⁺)	mg/l	11	< 3	9.36364	15.6	9.30	10.80
Manganese (Mn)	mg/l	12	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Mercury (Hg)	µg/l	12	< 0.01	0.01333	0.03	0.01	0.02
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	< 0.5	7.925	37	3.70	13.00
Nickel (Ni), dissolved	µg/l	12	< 0.5	3	8	2.40	7.80
Nitrate (NO ₃ -N)	mg/l	12	0.3	0.55833	0.8	0.50	0.80
Nitrite (NO ₂ -N)	mg/l	12	0.01	0.01333	0.03	0.01	0.02
Orthophosphate (PO ₄ -P)	mg/l	12	0.0122	0.03757	0.0673	0.0365	0.0607
Petroleum hydrocarbons	mg/l	12	< 0.02	< 0.02	< 0.02	0.02	0.02
Phenol index	mg/l	1	< 0.001	< 0.001	< 0.001		
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	1.1	3.375	16.5	1.70	5.80
Suspended solids	mg/l	12	10	32	130	18.00	45.00
Temperature	°C	11	5.9	15.07273	25.3	16.10	22.80

River: Tisza/Maros **Catchment:** 30149.00 km2 **2014**
Distance from mouth: 51 **Altitude:** 80 m **HU15**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.3	1.99167	2.8	2.00	2.50
Aluminium (Al), dissolved	µg/l	12	3.2	29.25	130	21.80	69.20
Ammonium (NH4-N)	mg/l	12	< 0.015	0.04125	0.13	0.03	0.10
Arsenic (As), dissolved	µg/l	12	< 1	1.6075	3.09	1.00	2.51
Atrazine	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
BOD (5)	mg/l	12	< 0.25	1.9625	5.1	1.70	2.90
COD (Cr)	mg/l	12	6	14.5	30	11.00	25.00
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.05417	0.1	0.05	0.05
Calcium (Ca++)	mg/l	12	27.4	38.925	50.8	36.60	47.70
Carbon tetrachloride	µg/l	3	< 0.05	< 0.05	< 0.05		
Chloride (Cl-)	mg/l	12	24	43.66667	65	41.00	54.00
Chloroform	µg/l	3	< 0.4	< 0.4	< 0.4		
Chromium (Cr), total	µg/l	12	1	3.16667	8	3.00	5.00
Copper (Cu), dissolved	µg/l	12	2.1	3.75833	6.4	3.70	4.80
Dissolved oxygen	mg/l	12	4.5	9.53333	14.9	9.50	6.20
Flow	m3/s	365	51.6	116.8389	303	103.00	174.00
Lead (Pb), dissolved	µg/l	12	< 0.5	1.79167	5	1.00	4.00
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg++)	mg/l	12	5.74	7.36167	10.2	6.75	9.79
Mercury (Hg)	µg/l	12	< 0.05	0.08083	0.32	0.05	0.10
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni), dissolved	µg/l	12	< 0.25	1.08333	3.4	0.25	2.60
Nitrate (NO3-N)	mg/l	12	< 0.09	0.82083	1.44	0.81	1.38
Nitrite (NO2-N)	mg/l	12	< 0.005	0.00542	0.01	0.005	0.005
Organic nitrogen	mg/l	12	< 0.05	0.5875	2	0.29	1.53
Orthophosphate (PO4-P)	mg/l	12	0.03	0.08742	0.2198	0.0799	0.1399
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	3.6	17.30833	78	7.10	37.60
Potassium (K+)	mg/l	12	2.8	3.74167	4.6	3.50	4.30
Sodium (Na+)	mg/l	12	20	31.66667	55	27.00	47.00
Sulphate (SO4--)	mg/l	12	29	42.16667	64	39.00	60.00
Suspended solids	mg/l	12	4	38.5	158	21.00	67.00
TOC	mg/l	12	2.1	4.58333	8.4	3.80	7.60
Temperature	°C	12	1.1	13.525	24.2	13.00	23.50
Tetrachloroethylene	µg/l	3	< 0.5	< 0.5	< 0.5		
Trichloroethylene	µg/l	3	< 0.05	< 0.05	< 0.05		
Zinc (Zn), dissolved	µg/l	12	1.5	5.81667	15.3	3.60	11.40
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001

pH - 12 7.56 8.23417 9.39 8.15 7.82

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River: Danube **Catchment:** 150820.0 km² **2014**
Distance from mouth: 1768 **Altitude:** 101 m **HU2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	11	< 5	9.83636	14.7	11.30	13.90
Alkalinity - total	mmol/l	12	2.6	3.39167	4.2	3.40	4.00
Ammonium (NH ₄ -N)	mg/l	9	0.02	0.039	0.054	0.054	0.054
Anionic active surfactants	mg/l	11	< 0.02	< 0.02	< 0.02	0.02	0.02
Arsenic (As), dissolved	µg/l	12	< 0.45	0.54167	1	0.45	1.00
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	7	1.83	2.53571	4.27	4.27	4.27
COD (Cr)	mg/l	9	7.8	9.8	13	13.00	13.00
COD (Mn)	mg/l	9	2	3.18889	4.2	4.20	4.20
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	42.8	58.96667	67.6	59.20	67.20
Chloride (Cl ⁻)	mg/l	12	13.1	21.19167	30.5	21.30	27.70
Chromium (Cr), total	µg/l	12	< 0.85	< 0.85	< 0.85	0.85	0.85
Conductivity	µS/cm	9	312	382.11111	472	472.00	472.00
Copper (Cu), dissolved	µg/l	12	< 0.25	3.29583	9	2.00	7.10
Dissolved oxygen	mg/l	12	7.48	10.31083	14.19	9.32	7.75
Flow	m ³ /s	365	966	1841.2246	4950	1590.00	2730.00
Lead (Pb), dissolved	µg/l	12	< 0.35	< 0.35	< 0.35	0.35	0.35
Lindane (gamma-HCH)	µg/l	9	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg ⁺⁺)	mg/l	12	9.5	16.225	21.2	15.60	19.90
Mercury (Hg), dissolved	µg/l	12	< 0.01	0.01083	0.02	0.01	0.01
Nickel (Ni), dissolved	µg/l	12	< 0.35	0.56667	2	0.35	1.30
Nitrate (NO ₃ -N)	mg/l	12	1.3	1.84333	3.07	1.46	2.48
Nitrite (NO ₂ -N)	mg/l	12	0.008	0.01458	0.024	0.012	0.023
Organic nitrogen	mg/l	12	< 0.5	0.76167	2.48	0.50	1.66
Orthophosphate (PO ₄ -P)	mg/l	12	0.0163	0.05163	0.0717	0.0554	0.0685
Petroleum hydrocarbons	mg/l	9	< 0.01	0.02278	0.028	0.028	0.028
Phenol index	mg/l	9	< 0.001	0.00156	0.006	0.006	0.006
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	2	4.12417	10.7	2.37	8.29
Potassium (K ⁺)	mg/l	12	< 2	2.16667	4	2.00	2.00
Sodium (Na ⁺)	mg/l	12	7.8	13.26667	19	12.10	18.20
Sulphate (SO ₄ ⁻⁻)	mg/l	12	27.8	44.625	70.1	43.20	60.00
Suspended solids	mg/l	12	11	26.33333	54	23.00	45.00
TOC	mg/l	12	3.1	4.24167	5.8	4.10	5.00
Temperature	°C	12	4.5	12.89167	20.8	12.00	20.70

Total nitrogen	mg/l	12	1.53	2.5675	3.85	2.20	3.53
Total phosphorus	mg/l	12	0.07	0.14417	0.48	0.11	0.22
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00

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River: Danube **Catchment:** 150820.0 km² **2014**
Distance from mouth: 1768 **Altitude:** 101 m **HU2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
p,p'-DDT	µg/l	11	< 0.01	< 0.01	< 0.01	0.01	0.01
pH	-	9	8.08	8.33333	8.58	8.08	8.08

River: Danube **Catchment:** 183350.0 km²
Distance from mouth: 1708 **Altitude:** 100 m **2014**
Location: Left **HU3**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 5	< 5	< 5	5.00	5.00
Alkalinity - total	mmol/l	23	2	3.03913	3.7	3.20	3.70
Aluminium (Al), dissolved	µg/l	9	< 5	21.56667	86.5	86.50	86.50
Ammonium (NH ₄ -N)	mg/l	23	0.01	0.05435	0.12	0.05	0.09
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	12	< 1	1.95667	3.15	2.06	2.98
Atrazine	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
BOD (5)	mg/l	23	1.4	3.31304	14.1	2.70	5.90
COD (Cr)	mg/l	23	8	13.08696	42	11.00	20.00
COD (Mn)	mg/l	23	2.2	4.17826	15.3	3.30	6.90
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca ⁺⁺)	mg/l	23	31	39.52609	53.8	38.20	49.40
Chloride (Cl ⁻)	mg/l	23	13.3	24.74783	37.9	22.90	35.90
Chloroform	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Chromium (Cr), total	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Conductivity	µS/cm	23	310	396.08696	480	410.00	460.00
Copper (Cu), dissolved	µg/l	12	1.1	4.56417	10.7	4.15	6.38
Dissolved oxygen	mg/l	23	4.6	7.26087	9.6	7.00	5.90
Lead (Pb), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Magnesium (Mg ⁺⁺)	mg/l	23	12.3	19.56087	26.5	20.50	24.00
Mercury (Hg), dissolved	µg/l	12	< 0.025	0.02792	0.06	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.25	0.4525	1.1	0.25	1.03
Nitrate (NO ₃ -N)	mg/l	23	1.13	1.64304	2.49	1.51	2.26
Nitrite (NO ₂ -N)	mg/l	23	0.007	0.01226	0.02	0.012	0.018
Organic nitrogen	mg/l	23	< 0.025	0.02957	0.07	0.025	0.05
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	< 0.5	5.075	23.8	1.00	14.40
Potassium (K ⁺)	mg/l	23	2.4	3.23478	4.7	3.10	4.50
Sodium (Na ⁺)	mg/l	23	9.1	14.06087	19.4	14.80	16.60
Sulphate (SO ₄ ⁻⁻)	mg/l	23	31.3	42.73913	53.6	43.80	50.60
Suspended solids	mg/l	23	< 1	28.04348	106	16.00	72.00
TOC	mg/l	12	2.5	5.44167	15.7	4.40	8.70
Temperature	°C	23	1.7	13.07826	23	14.00	21.00
Tetrachloroethylene	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Total nitrogen	mg/l	23	1.18	1.74522	2.65	1.58	2.37
Total phosphorus	mg/l	23	0.02	0.09652	0.27	0.09	0.14
Zinc (Zn), dissolved	µg/l	12	< 10	< 10	< 10	10.00	10.00
p,p'-DDT	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025

pH - 16 7.8 8.225 8.7 8.20 7.90

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River: Danube **Catchment:** 183350.0 km² **2014**
Distance from mouth: 1708 **Altitude:** 100 m **HU3**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 5	< 5	< 5	5.00	5.00
Alkalinity - total	mmol/l	23	1.9	3.11304	4.1	3.20	3.70
Aluminium (Al), dissolved	µg/l	9	< 5	19.31111	89.2	89.20	89.20
Ammonium (NH ₄ -N)	mg/l	23	0.01	0.04261	0.07	0.05	0.06
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	12	< 1	< 1	< 1	1.00	1.00
Atrazine	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
BOD (5)	mg/l	23	1.2	2.46087	4.4	2.20	3.90
COD (Cr)	mg/l	23	8	10.78261	17	10.00	14.00
COD (Mn)	mg/l	23	2	3.33478	5.4	3.10	4.40
Cadmium (Cd), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Calcium (Ca ⁺⁺)	mg/l	23	29.6	40.05652	50.9	38.20	49.90
Chloride (Cl ⁻)	mg/l	23	13.3	25.05652	38.9	22.60	35.90
Chloroform	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Chromium (Cr), total	µg/l	12	< 0.25	0.29833	0.57	0.25	0.51
Conductivity	µS/cm	23	300	409.56522	500	430.00	490.00
Copper (Cu), dissolved	µg/l	12	1	5.18083	8	5.90	7.90
Dissolved oxygen	mg/l	23	5.2	7.36957	10.3	7.10	5.70
Flow	m ³ /s	365	1170	2036.4383	4990	1800.00	3060.00
Lead (Pb), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Magnesium (Mg ⁺⁺)	mg/l	23	12.3	20.62609	28.2	21.40	26.70
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.25	0.61917	1.26	0.55	1.20
Nitrate (NO ₃ -N)	mg/l	23	1.06	1.71261	3.19	1.58	2.55
Nitrite (NO ₂ -N)	mg/l	23	0.005	0.00987	0.016	0.01	0.015
Organic nitrogen	mg/l	23	< 0.025	0.02717	0.05	0.025	0.025
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	< 0.5	4.45833	30.2	1.00	13.60
Potassium (K ⁺)	mg/l	23	1.7	2.64348	4.6	2.70	3.30
Sodium (Na ⁺)	mg/l	23	7.6	14.42609	29.1	14.40	18.40
Sulphate (SO ₄ ⁻⁻)	mg/l	23	24.1	41.9913	58.5	41.40	56.00
Suspended solids	mg/l	23	< 1	32.82609	260	14.00	45.00
TOC	mg/l	12	1.9	3.78333	5.5	3.60	5.00
Temperature	°C	23	2.1	12.87391	22.2	13.40	20.40
Tetrachloroethylene	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Total nitrogen	mg/l	23	1.18	1.79783	3.27	1.67	2.67

Total phosphorus	mg/l	23	0.02	0.07043	0.12	0.07	0.10
Zinc (Zn), dissolved	µg/l	12	< 10	< 10	< 10	10.00	10.00
p,p'-DDT	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025

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River: Danube **Catchment:** 183350.0 km² **2014**
Distance from mouth: 1708 **Altitude:** 100 m **HU3**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
pH	-	15	8.1	8.3	8.7	8.20	8.10

River: Danube **Catchment:** 183350.0 km² **2014**
Distance from mouth: 1708 **Altitude:** 100 m **HU3**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 5	< 5	< 5	5.00	5.00
Alkalinity - total	mmol/l	23	2.1	3.22609	4.1	3.30	4.00
Aluminium (Al), dissolved	µg/l	9	< 5	14.08889	44.9	44.90	44.90
Ammonium (NH ₄ -N)	mg/l	23	0.01	0.0413	0.07	0.05	0.07
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	12	< 1	< 1	< 1	1.00	1.00
Atrazine	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
BOD (5)	mg/l	23	1.1	2.47826	4.7	2.20	3.80
COD (Cr)	mg/l	23	7	11	17	11.00	14.00
COD (Mn)	mg/l	22	1.8	3.37273	5.3	3.20	4.30
Cadmium (Cd), dissolved	µg/l	12	< 0.025	0.03292	0.12	0.025	0.025
Calcium (Ca ⁺⁺)	mg/l	23	32.4	41.31304	53.8	39.60	50.90
Chloride (Cl ⁻)	mg/l	23	14.4	25.18696	41.9	21.90	35.90
Chloroform	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Chromium (Cr), total	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Conductivity	µS/cm	23	290	411.08696	500	440.00	490.00
Copper (Cu), dissolved	µg/l	12	< 0.25	4.22083	7.5	4.02	7.50
Dissolved oxygen	mg/l	23	5.5	7.32174	9.6	7.00	5.50
Lead (Pb), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Magnesium (Mg ⁺⁺)	mg/l	23	11.6	20.48696	28.2	21.40	26.70
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni), dissolved	µg/l	12	< 0.25	0.62917	2.1	0.60	0.72
Nitrate (NO ₃ -N)	mg/l	23	1.04	1.66957	2.98	1.45	2.46
Nitrite (NO ₂ -N)	mg/l	23	0.006	0.01026	0.016	0.01	0.015
Organic nitrogen	mg/l	23	< 0.025	0.02826	0.05	0.025	0.05
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	< 0.5	4.08333	24.2	1.00	7.50
Potassium (K ⁺)	mg/l	23	1.1	2.55217	4.2	2.70	3.20
Sodium (Na ⁺)	mg/l	23	3.4	14.37826	22.1	15.20	19.60
Sulphate (SO ₄ ⁻⁻)	mg/l	23	24.1	42.84348	65.8	43.30	52.80
Suspended solids	mg/l	23	< 1	30.30435	180	17.00	63.00
TOC	mg/l	12	2.1	3.875	6.6	3.70	5.30
Temperature	°C	23	1.9	12.98696	22.6	13.50	20.70
Tetrachloroethylene	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Total nitrogen	mg/l	23	1.14	1.7587	3.06	1.57	2.57
Total phosphorus	mg/l	23	0.02	0.0687	0.16	0.08	0.09
Zinc (Zn), dissolved	µg/l	12	< 10	< 10	< 10	10.00	10.00
p,p'-DDT	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025

pH - 17 8 8.26471 8.6 8.30 8.00

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River: Danube Catchment: 188/00.0 km2 2014
 Distance from mouth: 1560 Altitude: 89 m HU4
 Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	24	2.8	3.45833	4.8	3.40	4.30
Ammonium (NH4-N)	mg/l	24	0.02	0.07375	0.18	0.08	0.11
Arsenic (As)	µg/l	11	< 0.5	0.90909	1.5	1.10	1.40
Arsenic (As), dissolved	µg/l	12	< 0.5	0.71667	1.4	0.50	1.20
BOD (5)	mg/l	23	1	1.96957	3.3	2.00	2.90
COD (Cr)	mg/l	24	7	11.875	24	11.00	16.00
COD (Mn)	mg/l	24	1.8	3.3625	5.8	3.20	4.90
Cadmium (Cd)	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	12	41.1	55.275	74.5	49.50	73.00
Chloride (Cl-)	mg/l	24	12.9	26.3875	59.5	21.80	41.80
Chromium (Cr) - total	µg/l	11	< 0.1	0.38182	0.7	0.40	0.50
Chromium (Cr), total	µg/l	12	< 0.1	0.14167	0.3	0.10	0.20
Conductivity	µS/cm	24	340	491.45833	760	470.00	680.00
Copper (Cu)	µg/l	9	1.8	2.62222	4	4.00	4.00
Copper (Cu), dissolved	µg/l	12	1.6	2.2	2.9	2.20	2.90
Dissolved oxygen	mg/l	24	7.4	9.62917	12.9	9.00	8.20
Lead (Pb)	µg/l	11	< 0.25	0.44545	1	0.25	0.80
Lead (Pb), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Magnesium (Mg++)	mg/l	12	10.2	17.90833	29	16.90	21.80
Mercury (Hg)	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	10	< 0.25	1.185	2.3	2.30	2.30
Nickel (Ni), dissolved	µg/l	12	< 0.25	0.8875	1.5	0.80	1.30
Nitrate (NO3-N)	mg/l	24	0.95	1.84625	3.32	1.51	2.89
Nitrite (NO2-N)	mg/l	24	< 0.005	0.01279	0.038	0.011	0.024
Organic nitrogen	mg/l	24	< 0.125	0.39125	0.87	0.36	0.68
Orthophosphate (PO4-P)	mg/l	24	< 0.025	0.04955	0.0913	0.0587	0.0815
Phytoplankton (biomass - chlorophyll-a)	µg/l	24	< 0.5	9.15417	66	2.20	34.00
Silicates (SiO2)	mg/l	22	2.177	3.79741	5.76	3.655	5.39
Suspended solids	mg/l	21	3	21.2381	96	16.00	36.00
Temperature	°C	24	2	13.25	23	13.90	21.40
Total nitrogen	mg/l	17	1.34	2.10412	3.39	1.67	3.29
Total phosphorus	mg/l	17	0.05	0.10471	0.22	0.09	0.15
Zinc (Zn)	µg/l	6	< 2.5	< 2.5	< 2.5	2.50	2.50

Silicates (SiO ₂)	mg/l	24	2.159	3.82333	5.75	3.55	5.46
Sodium (Na ⁺)	mg/l	5	14.2	21.22	30	30.00	30.00
Sulphate (SO ₄ ⁻⁻)	mg/l	5	20.6	44.66	75	75.00	75.00
Suspended solids	mg/l	24	5	20.91667	83	16.00	38.00
Temperature	°C	24	1.9	13.1875	22.9	14.00	21.50

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River: Danube **Catchment:** 188700.0 km² **2014**
Distance from mouth: 1560 **Altitude:** 89 m **HU4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	17	1.3	2.14471	3.63	1.69	3.53
Total phosphorus	mg/l	17	0.06	0.09882	0.17	0.09	0.13
Zinc (Zn)	µg/l	7	< 2.5	< 2.5	< 2.5	2.50	2.50
Zinc (Zn), dissolved	µg/l	12	< 2.5	4.04167	7	2.50	6.50

River: Danube **Catchment:** 188/00.0_n km2 **2014**
Distance from mouth: 1560 **Altitude:** 89 m **HU4**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	24	2.7	3.55417	4.9	3.40	4.50
Ammonium (NH4-N)	mg/l	24	0.02	0.08125	0.17	0.08	0.12
Arsenic (As)	µg/l	9	< 0.5	0.83333	2.5	2.50	2.50
Arsenic (As), dissolved	µg/l	12	< 0.5	0.775	2.3	0.50	1.40
Atrazine	µg/l	1	< 0.005	< 0.005	< 0.005		
BOD (5)	mg/l	24	0.9	1.99167	4.6	1.50	3.20
COD (Cr)	mg/l	24	6	11.29167	21	11.00	16.00
COD (Mn)	mg/l	24	1.8	3.26667	5.7	3.10	4.40
Cadmium (Cd)	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	41.1	55.64167	77.1	52.30	72.00
Chloride (Cl ⁻)	mg/l	24	12.9	31.14167	79	26.40	63.50
Chromium (Cr) - total	µg/l	10	0.2	0.37	0.7	0.70	0.70
Chromium (Cr), total	µg/l	12	< 0.1	0.14167	0.4	0.10	0.20
Conductivity	µS/cm	24	345	526.04167	845	510.00	675.00
Copper (Cu)	µg/l	9	2	2.7	4.5	4.50	4.50
Copper (Cu), dissolved	µg/l	12	1.3	1.94167	2.6	1.90	2.40
Dissolved oxygen	mg/l	24	7.5	9.52083	12.1	8.90	8.00
Lead (Pb)	µg/l	11	< 0.25	0.43636	0.8	0.25	0.70
Lead (Pb), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Lindane (gama-HCH)	µg/l	1	< 0.005	< 0.005	< 0.005		
Magnesium (Mg ⁺⁺)	mg/l	12	10.6	18.19167	30.4	16.00	25.60
Mercury (Hg)	µg/l	11	< 0.05	0.05909	0.15	0.05	0.05
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	9	0.8	1.15556	1.8	1.80	1.80
Nickel (Ni), dissolved	µg/l	12	< 0.25	0.79583	1.1	0.80	1.10
Nitrate (NO ₃ -N)	mg/l	24	0.86	1.8175	3.05	1.45	2.80
Nitrite (NO ₂ -N)	mg/l	24	< 0.005	0.01392	0.073	0.011	0.029
Organic nitrogen	mg/l	24	< 0.125	0.42417	0.91	0.37	0.83
Orthophosphate (PO ₄ -P)	mg/l	24	< 0.025	0.03845	0.0685	0.025	0.0587
Phytoplankton (biomass - chlorophyll-a)	µg/l	24	< 0.5	7.95833	60	2.10	27.00
Silicates (SiO ₂)	mg/l	24	2.147	3.81879	5.77	3.706	5.41
Suspended solids	mg/l	24	4	20.5	86	14.00	45.00
Temperature	°C	24	2	13.2125	23	14.10	21.50
Total nitrogen	mg/l	18	1.29	2.12944	3.78	1.68	3.27
Total phosphorus	mg/l	17	0.05	0.08706	0.17	0.08	0.11
Zinc (Zn)	µg/l	7	< 2.5	< 2.5	< 2.5	2.50	2.50

River: Danube **Catchment:** 211503.0 km² **2014**
Distance from mouth: 1435 **Altitude:** 79 m **HU5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	24	2.8	3.39375	4.4	3.30	3.90
Ammonium (NH ₄ -N)	mg/l	24	0.01	0.06375	0.11	0.06	0.10
Anionic active surfactants	mg/l	13	< 0.02	< 0.02	< 0.02	0.02	0.02
Arsenic (As)	µg/l	11	< 0.5	1.08182	2.2	1.20	2.00
Arsenic (As), dissolved	µg/l	14	< 0.5	0.69286	1.8	0.50	1.30
Atrazine	µg/l	13	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	22	0.9	2.13636	4.6	2.00	2.90
COD (Cr)	mg/l	24	7	11.125	21	11.00	16.00
COD (Mn)	mg/l	24	1.8	3.4	7.8	3.30	4.50
Cadmium (Cd)	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Cadmium (Cd), dissolved	µg/l	14	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	14	39.5	53.55	68.7	54.40	66.50
Chloride (Cl ⁻)	mg/l	24	8.2	21.25417	29.8	20.60	28.20
Chromium (Cr) - total	µg/l	11	< 0.1	0.47273	0.7	0.50	0.60
Chromium (Cr), total	µg/l	14	< 0.1	0.13571	0.3	0.10	0.20
Conductivity	µS/cm	24	340	453.75	575	470.00	535.00
Copper (Cu)	µg/l	10	1.4	2.41	4.6	4.60	4.60
Copper (Cu), dissolved	µg/l	14	1	1.67143	2.5	1.70	2.20
Dissolved oxygen	mg/l	24	6.6	9.75	13.9	9.00	7.90
Flow	m ³ /s	365	1420	2197.2054	4740	1990.00	3300.00
Iron (Fe)	mg/l	9	< 0.005	< 0.005	< 0.005	0.005	0.005
Lead (Pb)	µg/l	11	< 0.25	0.54091	1.5	0.25	1.20
Lead (Pb), dissolved	µg/l	14	< 0.25	< 0.25	< 0.25	0.25	0.25
Lindane (gama-HCH)	µg/l	13	< 0.005	< 0.005	< 0.005	0.005	0.005
Magnesium (Mg ⁺⁺)	mg/l	14	11.1	17.51429	24.3	17.00	20.90
Manganese (Mn)	mg/l	10	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Mercury (Hg)	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Mercury (Hg), dissolved	µg/l	14	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	11	0.8	1.14545	1.6	1.20	1.40
Nickel (Ni), dissolved	µg/l	14	< 0.25	0.68571	1.6	0.60	1.00
Nitrate (NO ₃ -N)	mg/l	24	0.95	1.68208	2.58	1.49	2.51
Nitrite (NO ₂ -N)	mg/l	24	< 0.005	0.00758	0.018	0.005	0.015
Organic nitrogen	mg/l	24	< 0.125	0.41292	0.81	0.41	0.76
Orthophosphate (PO ₄ -P)	mg/l	24	< 0.025	0.04787	0.0815	0.0587	0.0815
Petroleum hydrocarbons	mg/l	6	< 0.02	0.02667	0.06	0.06	0.06
Phenol index	mg/l	7	< 0.001	0.003	0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	24	< 0.5	13.55833	81	3.00	47.00

Potassium (K+) mg/l 13 2 2.76154 4 2.60 3.70

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River: Danube Catchment: 211503.0 km2 2014
 Distance from mouth: 1435 Altitude: 79 m HU5
 Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Silicates (SiO ₂)	mg/l	24	2.346	3.8495	5.68	3.654	5.12
Sodium (Na ⁺)	mg/l	13	8.2	13.14615	17.4	13.30	17.10
Sulphate (SO ₄ ⁻⁻)	mg/l	13	14.4	35.42308	59.5	36.00	55.50
Suspended solids	mg/l	24	5	27.20833	96	21.00	50.00
TOC	mg/l	5	3.1	3.64	4.2	4.20	4.20
Temperature	°C	24	2.1	13.575	23.4	12.80	21.70
Total nitrogen	mg/l	18	1.39	2.14278	3.42	1.91	3.20
Total phosphorus	mg/l	18	0.06	0.09944	0.18	0.09	0.16
Zinc (Zn)	µg/l	9	< 2.5	< 2.5	< 2.5	2.50	2.50
Zinc (Zn), dissolved	µg/l	14	< 2.5	3.14286	6	2.50	5.50
p,p'-DDT	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005

River: Sio **Catchment:** 14693.00 km2 **2014**
Distance from mouth: 13 **Altitude:** 85 m **HU6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	11	20.8	36.66364	55.2	35.70	44.90
Alkalinity - total	mmol/l	12	4.97	6.52	8.41	6.26	7.86
Ammonium (NH4-N)	mg/l	12	0.03885	0.35872	1.50738	0.1321	0.8936
Anionic active surfactants	mg/l	11	< 0.005	< 0.005	< 0.005	0.005	0.005
Arsenic (As)	µg/l	10	3	4.9	6	6.00	6.00
Arsenic (As), dissolved	µg/l	12	2	4.83333	8	4.00	6.00
Atrazine	µg/l	2	< 0.0075	< 0.0075	< 0.0075		
BOD (5)	mg/l	12	2.7	4.69167	8	4.10	8.00
COD (Cr)	mg/l	12	20	24	28	25.00	28.00
COD (Mn)	mg/l	12	5.8	7.75833	11	7.60	9.00
Cadmium (Cd)	µg/l	12	< 0.1	0.10833	0.2	0.10	0.10
Cadmium (Cd), dissolved	µg/l	12	< 0.1	< 0.1	< 0.1	0.10	0.10
Calcium (Ca++)	mg/l	11	56	73.81818	101	70.00	99.00
Carbon tetrachloride	µg/l	2	< 0.2	< 0.2	< 0.2		
Chloride (Cl-)	mg/l	12	34	44.75	54	44.00	54.00
Chloroform	µg/l	2	< 0.5	< 0.5	< 0.5		
Chromium (Cr), total	µg/l	12	< 0.5	0.54167	1	0.50	0.50
Conductivity	µS/cm	12	660	825.83333	1010	800.00	970.00
Copper (Cu)	µg/l	11	2	4.27273	6	4.00	5.00
Copper (Cu), dissolved	µg/l	12	2	3.25	5	3.00	5.00
Dissolved oxygen	mg/l	12	4.5	7.80833	11.9	7.66	6.30
Flow	m3/s	365	2.67	30.81633	88.8	18.90	71.50
Lead (Pb)	µg/l	12	< 0.5	1.83333	4	1.00	4.00
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	2	< 0.01	< 0.01	< 0.01		
Magnesium (Mg++)	mg/l	11	38	56.90909	68	59.00	67.00
Mercury (Hg)	µg/l	12	0.05	0.05333	0.07	0.05	0.06
Mercury (Hg), dissolved	µg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Nickel (Ni)	µg/l	12	1	2.16667	3	2.00	3.00
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.375	2	1.00	2.00
Nitrate (NO3-N)	mg/l	12	0.65	2.7475	6.04	2.31	5.10
Nitrite (NO2-N)	mg/l	12	0.018	0.07392	0.173	0.063	0.107
Organic nitrogen	mg/l	12	0.41599	0.83654	1.40099	0.7634	1.3693
Orthophosphate (PO4-P)	mg/l	12	0.0909	0.24064	0.5446	0.2038	0.3907
Petroleum hydrocarbons	mg/l	4	< 0.003	< 0.003	< 0.003	0.003	0.003
Phenol index	mg/l	11	< 0.001	< 0.001	< 0.001	0.001	0.001
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	6.66	39.13	112	25.20	77.00

Potassium (K+) mg/l 11 8.1 15.76364 76 9.20 12.00

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River: Sio **Catchment:** 14693.00 km2 **2014**
Distance from mouth: 13 **Altitude:** 85 m **HU6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sodium (Na+)	mg/l	11	31	42.27273	51	43.00	49.00
Sulphate (SO4--)	mg/l	12	66	100.08333	143	93.00	131.00
Suspended solids	mg/l	11	10	82	232	50.00	190.00
TOC	mg/l	12	9.6	11.3	14	11.00	13.00
Temperature	°C	12	5.8	14.73333	27.1	14.40	22.20
Tetrachloroethylene	µg/l	2	< 0.35	< 0.35	< 0.35		
Total nitrogen	mg/l	12	1.5	4.01667	8.2	3.40	6.90
Total phosphorus	mg/l	12	0.17	0.46983	0.9	0.453	0.769
Trichloroethylene	µg/l	2	< 0.15	< 0.15	< 0.15		
Zinc (Zn)	µg/l	12	< 10	21.25	68	10.00	32.00
Zinc (Zn), dissolved	µg/l	12	< 10	< 10	< 10	10.00	10.00
p,p'-DDT	µg/l	2	< 0.01	< 0.01	< 0.01		

River: Drava **Catchment:** 35764.00 km2 **2014**
Distance from mouth: 78 **Altitude:** 92 m **HU7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.3	2.75455	3.6	2.55	3.30
Ammonium (NH4-N)	mg/l	11	0.04	0.08364	0.19	0.07	0.11
Anionic active surfactants	mg/l	4	< 0.02	< 0.02	< 0.02	0.02	0.02
Arsenic (As)	µg/l	10	< 0.5	1.19	3.2	3.20	3.20
Arsenic (As), dissolved	µg/l	11	< 0.5	0.75455	1.4	0.50	1.40
BOD (5)	mg/l	10	0.8	1.5	2.2	2.20	2.20
COD (Cr)	mg/l	11	4	8.54545	15	8.00	14.00
COD (Mn)	mg/l	11	1.8	2.63636	5.8	2.40	3.10
Cadmium (Cd)	µg/l	10	< 0.05	< 0.05	< 0.05	0.05	0.05
Cadmium (Cd), dissolved	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	10	35.5	46.08	61.4	61.40	61.40
Chloride (Cl-)	mg/l	11	5.6	11.05455	16.1	11.00	14.90
Chromium (Cr) - total	µg/l	10	< 0.1	0.38	0.6	0.60	0.60
Chromium (Cr), total	µg/l	11	< 0.1	0.17273	0.4	0.10	0.30
Conductivity	µS/cm	11	262	339.18182	420	330.00	420.00
Copper (Cu)	µg/l	6	1.2	1.53333	2	2.00	2.00
Copper (Cu), dissolved	µg/l	11	0.9	1.59091	2.7	1.50	2.50
Dissolved oxygen	mg/l	11	8.4	9.63636	12.2	9.00	8.50
Flow	m3/s	365	370	781.8411	2190	719.00	1180.00
Iron (Fe)	mg/l	8	< 0.005	< 0.005	< 0.005	0.005	0.005
Lead (Pb)	µg/l	10	< 0.25	1.305	3.8	3.80	3.80
Lead (Pb), dissolved	µg/l	11	< 0.25	0.28182	0.6	0.25	0.25
Magnesium (Mg++)	mg/l	10	9.7	12.29	15.2	15.20	15.20
Manganese (Mn)	mg/l	8	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Mercury (Hg)	µg/l	10	< 0.05	0.065	0.2	0.20	0.20
Mercury (Hg), dissolved	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	10	< 0.25	0.69	1.3	1.30	1.30
Nickel (Ni), dissolved	µg/l	11	< 0.25	0.47273	0.7	0.50	0.70
Nitrate (NO3-N)	mg/l	11	< 0.25	0.89182	1.29	0.95	1.13
Nitrite (NO2-N)	mg/l	11	< 0.005	0.00609	0.012	0.005	0.01
Organic nitrogen	mg/l	11	< 0.125	0.49409	1.42	0.29	1.20
Orthophosphate (PO4-P)	mg/l	11	< 0.025	0.03636	0.15	0.025	0.025
Petroleum hydrocarbons	mg/l	3	< 0.02	< 0.02	< 0.02		
Phenol index	mg/l	2	0.003	0.0035	0.004		
Phytoplankton (biomass - chlorophyll-a)	µg/l	11	< 0.5	3.69091	13	1.70	6.20
Potassium (K+)	mg/l	8	1.4	1.975	2.8	2.80	2.80
Silicates (SiO2)	mg/l	10	2.2	3.6159	4.988	4.988	4.988

Sodium (Na+) mg/l 8 5 6.65 8.4 8.40 8.40

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River: Drava **Catchment:** 35764.00 km2 **2014**
Distance from mouth: 78 **Altitude:** 92 m **HU7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sulphate (SO4--)	mg/l	8	11.5	20.475	31.2	31.20	31.20
Suspended solids	mg/l	11	3	20.81818	96	13.00	25.00
Temperature	°C	11	3.3	13.19091	22.2	12.60	21.90
Total nitrogen	mg/l	8	0.87	1.41625	2.61	2.61	2.61
Total phosphorus	mg/l	8	0.03	0.08375	0.25	0.25	0.25
Zinc (Zn)	µg/l	8	< 2.5	< 2.5	< 2.5	2.50	2.50
Zinc (Zn), dissolved	µg/l	11	< 2.5	3.22727	7	2.50	6.00

River: Tisza/Sajo **Catchment:** 3224.00 km2 **2014**
Distance from mouth: 124 **Altitude:** 148 m **HU8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 5	9.58333	38	5.00	21.00
Alkalinity - total	mmol/l	12	2.55	2.85	3.3	2.75	3.20
Aluminium (Al)	µg/l	9	51.4	255.16667	1210	1210.00	1210.00
Aluminium (Al), dissolved	µg/l	9	< 5	13.52222	26.4	26.40	26.40
Ammonium (NH4-N)	mg/l	12	0.03	0.115	0.34	0.09	0.21
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Arsenic (As)	µg/l	10	< 0.5	1.68	2.7	2.70	2.70
Arsenic (As), dissolved	µg/l	12	< 0.5	1.075	2.5	0.50	1.90
Atrazine	µg/l	12	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	1.6	2.79167	4.5	2.60	3.80
COD (Cr)	mg/l	7	9	12.71429	19	19.00	19.00
COD (Mn)	mg/l	12	3	4.54167	8.2	3.90	7.10
Calcium (Ca++)	mg/l	12	42.5	50.56667	74.1	48.70	55.70
Carbon tetrachloride	µg/l	12	< 0.1	< 0.1	< 0.1	0.10	0.10
Chloride (Cl-)	mg/l	12	6	10.66667	17	11.00	12.00
Chloroform	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr) - total	µg/l	12	< 0.5	1.00833	2.9	0.50	2.20
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	7	318	365	395	395.00	395.00
Copper (Cu)	µg/l	11	3.2	5.06364	14.3	4.00	5.60
Copper (Cu), dissolved	µg/l	12	2.4	3.29167	6.3	2.60	6.10
Dissolved oxygen	mg/l	12	7.6	9.69167	11.9	9.20	8.70
Flow	m3/s	365	8.78	24.75556	138	20.20	40.60
Iron (Fe)	mg/l	5	< 0.02	< 0.02	< 0.02	0.02	0.02
Lead (Pb)	µg/l	12	< 0.5	1.63333	5.3	0.50	4.10
Lead (Pb), dissolved	µg/l	12	< 0.5	0.86667	3.6	0.50	1.80
Lindane (gama-HCH)	µg/l	12	< 0.002	< 0.002	< 0.002	0.002	0.002
Magnesium (Mg++)	mg/l	12	8.9	10.61667	12.9	10.70	12.00
Manganese (Mn)	mg/l	5	< 0.01	< 0.01	< 0.01	0.01	0.01
Mercury (Hg)	µg/l	9	< 0.02	0.02889	0.1	0.10	0.10
Mercury (Hg), dissolved	µg/l	12	< 0.02	0.0325	0.1	0.02	0.07
Nickel (Ni)	µg/l	12	< 0.5	9.65833	56.6	3.00	17.20
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.60833	3.9	1.30	3.20
Nitrate (NO3-N)	mg/l	12	1.3	1.675	2.1	1.60	2.10
Nitrite (NO2-N)	mg/l	12	0.01	0.03	0.05	0.03	0.05
Organic nitrogen	mg/l	2	0.42	0.975	1.53		
Orthophosphate (PO4-P)	mg/l	12	< 0.01	0.04429	0.0652	0.0456	0.0554

River: Tisza **Catchment:** 138498.0 km² **2014**
Distance from mouth: 163 **Altitude:** 74 m **HU9**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.1	2.61667	3.4	2.40	3.10
Aluminium (Al), dissolved	µg/l	12	1.4	18.44167	57.4	10.10	41.80
Ammonium (NH ₄ -N)	mg/l	26	< 0.015	0.05865	0.18	0.05	0.11
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	12	< 1	2.47833	3.44	3.10	3.35
Atrazine	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
BOD (5)	mg/l	12	0.5	1.48333	3	1.40	2.10
COD (Cr)	mg/l	12	9	13.16667	19	13.00	17.00
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	33.8	44.975	59.3	42.00	55.50
Chloride (Cl ⁻)	mg/l	13	23	31.30769	49	30.00	44.00
Chromium (Cr), total	µg/l	12	1	3.08333	23	1.00	2.00
Copper (Cu), dissolved	µg/l	12	2.2	3.6	5.6	3.50	4.30
Dissolved oxygen	mg/l	12	6.1	8.7	11.8	8.30	6.20
Lead (Pb), dissolved	µg/l	12	< 0.5	1.95833	4	2.00	4.00
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg ⁺⁺)	mg/l	12	7.52	9.76417	13.8	8.40	13.20
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni), dissolved	µg/l	12	< 0.25	0.9625	2	0.70	1.50
Nitrate (NO ₃ -N)	mg/l	26	0.45	0.88115	1.49	0.82	1.38
Nitrite (NO ₂ -N)	mg/l	26	< 0.005	0.01192	0.02	0.01	0.02
Organic nitrogen	mg/l	26	< 0.05	0.445	1.86	0.24	1.30
Orthophosphate (PO ₄ -P)	mg/l	26	0.03	0.15065	0.2798	0.1399	0.2498
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	2.8	12.58333	49	6.90	22.00
Potassium (K ⁺)	mg/l	12	3.3	3.88333	5.4	3.60	4.40
Silicates (SiO ₂)	mg/l	26	5.1	7.79615	9.8	7.70	9.50
Sodium (Na ⁺)	mg/l	12	19	27.58333	48	23.00	40.00
Sulphate (SO ₄ ⁻⁻)	mg/l	13	19	38.07692	48	39.00	47.00
Suspended solids	mg/l	26	< 2	21.46154	115	17.00	35.00
TOC	mg/l	12	1.9	3.90833	7.6	3.50	5.20
Temperature	°C	12	5	14.66667	26.6	13.50	24.20
Zinc (Zn), dissolved	µg/l	12	1.8	5.48333	15.1	3.10	10.00
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	7.62	8.04333	8.41	8.11	7.74

River: Tisza **Catchment:** 138498.0 km²
Distance from mouth: 163 **Altitude:** 74 m **2014**
Location: Middle **HU9**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.1	2.64167	3.3	2.40	3.20
Aluminium (Al), dissolved	µg/l	12	< 0.25	16.375	54.8	7.40	54.20
Ammonium (NH ₄ -N)	mg/l	26	< 0.015	0.05173	0.16	0.05	0.10
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	12	< 1	2.42833	3.93	2.75	3.43
Atrazine	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
BOD (5)	mg/l	12	0.5	1.45	3	1.60	2.00
COD (Cr)	mg/l	12	7	11.08333	15	11.00	13.00
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.05417	0.1	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	35.3	45.09667	60.5	42.20	53.66
Chloride (Cl ⁻)	mg/l	13	24	30.46154	43	27.00	37.00
Chromium (Cr), total	µg/l	12	1	1.91667	10	1.00	2.00
Copper (Cu), dissolved	µg/l	12	1.9	3.75	6.2	3.60	4.40
Dissolved oxygen	mg/l	12	5.9	8.8	11.9	8.50	6.40
Flow	m ³ /s	365	237	509.03288	1010	456.00	776.00
Lead (Pb), dissolved	µg/l	12	< 0.5	1.91667	4	2.00	3.00
Lindane (gamma-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg ⁺⁺)	mg/l	12	8	9.8725	13.5	8.26	13.50
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni), dissolved	µg/l	12	< 0.25	1.07917	3.2	0.90	1.70
Nitrate (NO ₃ -N)	mg/l	26	0.57	0.90077	1.55	0.83	1.38
Nitrite (NO ₂ -N)	mg/l	26	< 0.005	0.01346	0.04	0.01	0.02
Organic nitrogen	mg/l	26	< 0.05	0.44538	1.9	0.33	1.14
Orthophosphate (PO ₄ -P)	mg/l	26	0.03	0.14219	0.2898	0.1299	0.2398
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	2.4	13.79167	48	5.90	24.00
Potassium (K ⁺)	mg/l	12	3.2	3.85	5	3.60	4.50
Silicates (SiO ₂)	mg/l	26	5.3	7.61923	9.9	7.30	9.60
Sodium (Na ⁺)	mg/l	12	19	26.33333	41	22.00	33.00
Sulphate (SO ₄ ⁻⁻)	mg/l	13	20	38.38462	59	38.00	50.00
Suspended solids	mg/l	26	< 2	17.03846	77	16.00	40.00
TOC	mg/l	12	1.7	3.78333	6.1	3.30	5.60
Temperature	°C	12	5	14.725	26.9	13.70	24.50

Zinc (Zn), dissolved	µg/l	12	0.6	5.64167	12.1	5.30	10.00
p,p'-DDT	µg/l	12	< 0.001	0.0025	0.019	0.001	0.001
pH	-	12	7.67	8.06167	8.45	8.01	7.72

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River: Tisza **Catchment:** 138498.0 km² **2014**
Distance from mouth: 163 **Altitude:** 74 m **HU9**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.1	2.65833	3.2	2.60	3.10
Aluminium (Al), dissolved	µg/l	12	< 0.25	16.07083	52.5	6.70	47.40
Ammonium (NH ₄ -N)	mg/l	26	< 0.015	0.05865	0.16	0.05	0.13
Anionic active surfactants	mg/l	12	< 0.01	< 0.01	< 0.01	0.01	0.01
Arsenic (As), dissolved	µg/l	12	< 1	2.38	3.87	2.60	3.60
Atrazine	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
BOD (5)	mg/l	12	< 0.25	1.42917	2.8	1.30	2.20
COD (Cr)	mg/l	12	7	16	39	13.00	21.00
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.06667	0.2	0.05	0.10
Calcium (Ca ⁺⁺)	mg/l	12	34.9	45.5	61.2	41.60	56.60
Chloride (Cl ⁻)	mg/l	13	21	28.84615	35	29.00	35.00
Chromium (Cr), total	µg/l	12	1	2.83333	12	1.00	11.00
Copper (Cu), dissolved	µg/l	12	2	3.44167	4.4	3.40	4.20
Dissolved oxygen	mg/l	12	5.9	8.74167	11.8	8.20	6.40
Lead (Pb), dissolved	µg/l	12	< 0.5	1.79167	4	1.00	3.00
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg ⁺⁺)	mg/l	12	7.45	9.9425	14.1	8.56	13.60
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni), dissolved	µg/l	12	< 0.25	1.15	3.7	0.25	2.30
Nitrate (NO ₃ -N)	mg/l	26	0.6	0.90346	1.46	0.87	1.17
Nitrite (NO ₂ -N)	mg/l	26	< 0.005	0.01269	0.02	0.01	0.02
Organic nitrogen	mg/l	26	< 0.05	0.41423	2.12	0.18	1.02
Orthophosphate (PO ₄ -P)	mg/l	26	0.03	0.15526	0.3197	0.1399	0.2598
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	1.8	12.325	43	6.50	24.00
Potassium (K ⁺)	mg/l	12	3.1	3.88333	5.2	3.70	4.50
Silicates (SiO ₂)	mg/l	26	5.2	7.56154	9.9	7.30	9.80
Sodium (Na ⁺)	mg/l	12	19	26	41	21.00	32.00
Sulphate (SO ₄ ⁻⁻)	mg/l	13	21	38.23077	53	39.00	46.00
Suspended solids	mg/l	26	< 2	20.07692	76	17.00	37.00
TOC	mg/l	12	1.7	3.78333	6.4	3.50	5.70

Temperature	°C	12	4.9	13.93333	27	10.30	24.50
Zinc (Zn), dissolved	µg/l	12	< 0.25	5.45417	11.4	5.30	8.40
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	7.53	8.03583	8.38	8.05	7.70

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River: Prut **Catchment:** 8750.00 km2 **2014**
Distance from mouth: 658 **Altitude:** 100 m **MD1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	13	1.55	1.93077	2.77	1.88	2.28
Ammonium (NH4-N)	mg/l	13	< 0.01	0.12692	0.36	0.10	0.30
Anionic active surfactants	mg/l	13	< 0.005	0.01654	0.06	0.01	0.02
BOD (5)	mg/l	13	1.83	2.28615	2.69	2.29	2.61
COD (Cr)	mg/l	13	8.1	12.92308	20.1	12.20	17.40
COD (Mn)	mg/l	4	2.16	2.6575	3.2	3.20	3.20
Cadmium (Cd)	µg/l	12	< 0.25	0.32395	1.1374	0.25	0.25
Cadmium (Cd), dissolved	µg/l	13	< 0.25	< 0.25	< 0.25	0.25	0.25
Calcium (Ca++)	mg/l	13	49.3	73.16154	100	72.10	80.20
Chloride (Cl-)	mg/l	13	14.2	28.44615	45.4	24.80	39.00
Conductivity	µS/cm	13	333	451	668	427.00	580.00
Copper (Cu)	µg/l	12	< 1.5	6.40156	13.2723	5.909	9.3952
Copper (Cu), dissolved	µg/l	13	< 1.5	1.69224	3.9991	1.50	1.50
Dissolved oxygen	mg/l	13	7.18	10.44615	13.52	10.42	8.29
Iron (Fe)	mg/l	13	0.02	0.06385	0.13	0.06	0.12
Lead (Pb)	µg/l	12	< 1.5	1.91193	6.4432	1.50	1.50
Lead (Pb), dissolved	µg/l	13	< 1.5	< 1.5	< 1.5	1.50	1.50
Lindane (gama-HCH)	µg/l	12	< 0.0035	< 0.0035	< 0.0035	0.0035	0.0035
Macrozoobenthos sapr. index	-	3	1.8	1.86667	1.92		
Magnesium (Mg++)	mg/l	13	4.86	9.70615	24.3	7.54	17.00
Mercury (Hg)	µg/l	12	< 0.15	0.18833	0.445	0.15	0.315
Mercury (Hg), dissolved	µg/l	13	< 0.15	< 0.15	< 0.15	0.15	0.15
Nickel (Ni)	µg/l	12	< 1.5	2.07229	8.3675	1.50	1.50
Nickel (Ni), dissolved	µg/l	13	< 1.5	< 1.5	< 1.5	1.50	1.50
Nitrate (NO3-N)	mg/l	13	0.15	0.75	1.7	0.65	1.45
Nitrite (NO2-N)	mg/l	13	< 0.0025	0.01596	0.08	0.011	0.02
Orthophosphate (PO4-P)	mg/l	13	< 0.0025	0.0255	0.04	0.027	0.037
Petroleum hydrocarbons	mg/l	13	< 0.01	0.05462	0.14	0.04	0.14

Phenol index	mg/l	13	< 0.0005	0.00112	0.003	0.0005	0.003
Phytoplankton (biomass - chlorophyll-a)	µg/l	3	1.18	1.57667	2.37		
Potassium (K+)	mg/l	12	2.5	4.125	5.8	4.20	5.00
Silicates (SiO2)	mg/l	12	1.3	1.86667	3.4	1.60	3.30
Sodium (Na+)	mg/l	12	15.9	27.875	34.4	29.50	34.00
Sulphate (SO4--)	mg/l	13	42.4	80.85385	136	78.90	101.00
Suspended solids	mg/l	13	12	34.11538	83.5	32.00	75.00
Temperature	°C	13	0.6	12.81538	24.8	15.20	23.20
Total phosphorus	mg/l	13	0.01	0.04754	0.088	0.048	0.064
Zinc (Zn)	µg/l	12	< 1.5	40.88105	133.428	23.64	93.494

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River: Prut **Catchment:** 8750.00 km2 **2014**
Distance from mouth: 658 **Altitude:** 100 m **MD1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Zinc (Zn), dissolved	µg/l	13	< 1.5	16.78856	59.5682	3.6246	44.9506
p,p'-DDT	µg/l	13	< 0.0125	< 0.0125	< 0.0125	0.0125	0.0125
pH	-	13	8	8.28692	8.5	8.33	8.08

River: Prut **Catchment:** 27480.00 km2 **2014**
Distance from mouth: 0 **Altitude:** 5 m **MD3**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	13	1.87	2.24615	2.72	2.31	2.57
Ammonium (NH ₄ -N)	mg/l	13	0.03	0.09538	0.2	0.08	0.16
Anionic active surfactants	mg/l	13	< 0.005	0.00885	0.02	0.01	0.01
BOD (5)	mg/l	13	2.33	2.67692	3.04	2.70	2.90
COD (Cr)	mg/l	13	11.8	16.54615	27.5	15.10	22.40
COD (Mn)	mg/l	11	2.64	3.30091	4.16	3.21	3.56
Cadmium (Cd)	µg/l	11	< 0.25	1.62846	5.2805	1.2526	2.9317
Cadmium (Cd), dissolved	µg/l	12	< 0.25	0.38216	0.9536	0.25	0.7065
Calcium (Ca ⁺⁺)	mg/l	13	51.3	61.03077	80.2	57.50	68.10
Chloride (Cl ⁻)	mg/l	13	21.3	32.68462	42.5	31.90	39.00
Conductivity	µS/cm	13	403	536.07692	689	515.00	662.00
Copper (Cu)	µg/l	11	< 1.5	5.28538	14.6385	4.5038	9.5684
Copper (Cu), dissolved	µg/l	12	< 1.5	1.69948	3.8938	1.50	1.50
Dissolved oxygen	mg/l	13	7.3	9.59846	13.35	8.95	7.51
Iron (Fe)	mg/l	13	0.04	0.11231	0.27	0.09	0.20
Lead (Pb)	µg/l	12	< 1.5	1.96369	7.0643	1.50	1.50
Lead (Pb), dissolved	µg/l	13	< 1.5	< 1.5	< 1.5	1.50	1.50
Lindane (gama-HCH)	µg/l	12	< 0.0035	< 0.0035	< 0.0035	0.0035	0.0035
Macrozoobenthos sapr. index	-	3	1.82	1.89	1.95		
Magnesium (Mg ⁺⁺)	mg/l	13	12.4	21.49231	28	22.40	28.00
Mercury (Hg)	µg/l	12	< 0.15	0.17875	0.495	0.15	0.15
Mercury (Hg), dissolved	µg/l	13	< 0.15	< 0.15	< 0.15	0.15	0.15
Nickel (Ni)	µg/l	12	< 1.5	3.82403	6.8086	3.0984	6.4152
Nickel (Ni), dissolved	µg/l	13	< 1.5	1.72039	4.3651	1.50	1.50
Nitrate (NO ₃ -N)	mg/l	13	0.47	0.92615	1.42	0.78	1.35
Nitrite (NO ₂ -N)	mg/l	13	< 0.0025	0.01058	0.02	0.011	0.02
Orthophosphate (PO ₄ -P)	mg/l	13	0.016	0.05385	0.084	0.054	0.072
Petroleum hydrocarbons	mg/l	13	< 0.01	0.08538	0.26	0.07	0.16
Phenol index	mg/l	13	< 0.0005	0.00108	0.003	0.0005	0.003
Phytoplankton (biomass - chlorophyll-a)	µg/l	3	1.18	2.36667	3.55		
Potassium (K ⁺)	mg/l	12	4.6	6.28333	7.4	6.40	7.20
Silicates (SiO ₂)	mg/l	11	0.7	2.03636	3.5	1.90	3.40
Sodium (Na ⁺)	mg/l	12	30	55.275	80.2	56.60	70.40
Sulphate (SO ₄ ⁻⁻)	mg/l	13	75.4	128.54615	195	136.00	165.00
Suspended solids	mg/l	13	13	50.96154	147	30.00	132.50
Temperature	°C	13	0.5	14.85385	26.6	17.00	26.00
Total phosphorus	mg/l	13	0.032	0.06631	0.096	0.06	0.092

River: Prut **Catchment:** 62890.00 km2 **2014**
Distance from mouth: 254 **Altitude:** 91 m **MD5**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.27	1.7825	2.07	1.78	2.07
Ammonium (NH ₄ -N)	mg/l	12	< 0.01	0.07083	0.26	0.07	0.10
Anionic active surfactants	mg/l	12	< 0.005	0.02042	0.11	0.01	0.03
BOD (5)	mg/l	12	1.83	2.2575	2.69	2.19	2.65
COD (Cr)	mg/l	12	8.2	12.50833	20.5	11.10	19.60
COD (Mn)	mg/l	8	2.08	2.625	3.36	3.36	3.36
Cadmium (Cd)	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Cadmium (Cd), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Calcium (Ca ⁺⁺)	mg/l	12	47.3	60.96667	68.1	61.50	68.10
Chloride (Cl ⁻)	mg/l	12	21.3	26.125	42.5	24.50	31.90
Conductivity	µS/cm	12	305	407.83333	550	410.00	480.00
Copper (Cu)	µg/l	12	< 1.5	6.40861	10.9235	5.8344	10.4273
Copper (Cu), dissolved	µg/l	12	< 1.5	1.91518	4.2214	1.50	3.7608
Dissolved oxygen	mg/l	12	7.34	10.785	13.19	10.45	8.36
Iron (Fe)	mg/l	12	< 0.01	0.02667	0.06	0.02	0.05
Lead (Pb)	µg/l	12	< 1.5	2.0203	5.7479	1.50	3.4957
Lead (Pb), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Lindane (gama-HCH)	µg/l	12	< 0.0035	< 0.0035	< 0.0035	0.0035	0.0035
Macrozoobenthos sapr. index	-	3	2.01	2.06	2.11		
Magnesium (Mg ⁺⁺)	mg/l	12	8.75	13.27417	24.3	10.90	21.90
Mercury (Hg)	µg/l	12	< 0.15	0.17492	0.449	0.15	0.15
Mercury (Hg), dissolved	µg/l	12	< 0.15	< 0.15	< 0.15	0.15	0.15
Nickel (Ni)	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Nickel (Ni), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Nitrate (NO ₃ -N)	mg/l	12	0.31	0.565	0.87	0.50	0.85
Nitrite (NO ₂ -N)	mg/l	12	< 0.0025	0.01342	0.045	0.009	0.023
Orthophosphate (PO ₄ -P)	mg/l	12	0.005	0.014	0.029	0.012	0.02
Petroleum hydrocarbons	mg/l	12	< 0.01	0.07833	0.24	0.04	0.20
Phenol index	mg/l	12	< 0.0005	0.00171	0.006	0.001	0.004
Phytoplankton (biomass - chlorophyll-a)	µg/l	3	1.18	1.18	1.18		
Potassium (K ⁺)	mg/l	12	3.4	4.24167	5.5	4.20	4.60
Silicates (SiO ₂)	mg/l	12	1.2	2.08333	3.1	2.30	2.80
Sodium (Na ⁺)	mg/l	12	22.8	27.06667	34	25.60	33.20
Sulphate (SO ₄ ⁻⁻)	mg/l	12	52.6	76.99167	99.2	75.30	95.80
Suspended solids	mg/l	12	5	152	1195	35.00	135.00
Temperature	°C	12	1.3	12.875	26.5	10.40	24.20
Total phosphorus	mg/l	12	0.01	0.032	0.064	0.028	0.054

River: Prut **Catchment:** 62890.00 km2 **2014**
Distance from mouth: 254 **Altitude:** 63 m **MD6**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.62	1.86917	2.2	1.82	2.11
Ammonium (NH ₄ -N)	mg/l	12	< 0.01	0.04333	0.16	0.03	0.08
Anionic active surfactants	mg/l	12	< 0.005	0.01375	0.04	0.01	0.02
BOD (5)	mg/l	12	1.4	1.90167	2.02	1.95	2.02
COD (Cr)	mg/l	12	7.2	14.00833	21.5	13.40	18.10
COD (Mn)	mg/l	10	2.11	2.537	3.52	3.52	3.52
Cadmium (Cd)	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Cadmium (Cd), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Calcium (Ca ⁺⁺)	mg/l	12	51.3	64.33333	76.1	64.10	72.10
Chloride (Cl ⁻)	mg/l	12	21.3	25.54167	31.9	24.80	30.10
Conductivity	µS/cm	12	300	411.16667	546	400.00	500.00
Copper (Cu)	µg/l	12	3.1221	6.67362	19.7552	5.5508	8.5672
Copper (Cu), dissolved	µg/l	12	< 1.5	1.68162	3.6794	1.50	1.50
Dissolved oxygen	mg/l	12	6.82	10.23	13.68	9.75	7.79
Iron (Fe)	mg/l	12	< 0.01	0.02333	0.05	0.01	0.05
Lead (Pb)	µg/l	12	< 1.5	2.10324	5.1294	1.50	5.1095
Lead (Pb), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Lindane (gama-HCH)	µg/l	12	< 0.0035	< 0.0035	< 0.0035	0.0035	0.0035
Macrozoobenthos sapr. index	-	3	2	2.04667	2.11		
Magnesium (Mg ⁺⁺)	mg/l	12	7.42	12.0575	17	11.20	17.00
Mercury (Hg)	µg/l	12	< 0.15	0.17475	0.447	0.15	0.15
Mercury (Hg), dissolved	µg/l	12	< 0.15	< 0.15	< 0.15	0.15	0.15
Nickel (Ni)	µg/l	12	< 1.5	1.63304	3.0965	1.50	1.50
Nickel (Ni), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Nitrate (NO ₃ -N)	mg/l	12	0.37	0.66	1.05	0.57	1.05
Nitrite (NO ₂ -N)	mg/l	12	< 0.0025	0.01096	0.041	0.007	0.02
Orthophosphate (PO ₄ -P)	mg/l	12	0.009	0.014	0.026	0.011	0.021
Petroleum hydrocarbons	mg/l	12	0.02	0.05667	0.13	0.04	0.10
Phenol index	mg/l	12	< 0.0005	0.00158	0.007	0.0005	0.003
Phytoplankton (biomass - chlorophyll-a)	µg/l	3	1.18	1.18	1.18		
Potassium (K ⁺)	mg/l	12	3	4.40833	5.5	4.20	5.00
Silicates (SiO ₂)	mg/l	11	1.1	2.14545	3	2.10	2.70
Sodium (Na ⁺)	mg/l	12	23	28.40833	38.3	27.80	34.00
Sulphate (SO ₄ ⁻⁻)	mg/l	12	58.8	78.96667	104	72.40	103.00
Suspended solids	mg/l	12	2	58.45833	160.5	47.00	109.00
Temperature	°C	12	1.4	12.2	23.6	10.30	22.70
Total phosphorus	mg/l	12	0.012	0.03033	0.066	0.022	0.05

River: Prut **Catchment:** 30953.00 km2 **2014**
Distance from mouth: 525 **Altitude:** 55 m **MD7**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.79	2.15917	2.51	2.17	2.39
Ammonium (NH ₄ -N)	mg/l	12	0.03	0.1125	0.23	0.10	0.21
Anionic active surfactants	mg/l	12	< 0.005	0.01042	0.03	0.005	0.03
BOD (5)	mg/l	12	2.05	2.56667	2.98	2.63	2.93
COD (Cr)	mg/l	12	13.3	16.775	21.3	16.30	19.60
COD (Mn)	mg/l	10	2.72	3.153	3.56	3.56	3.56
Cadmium (Cd)	µg/l	12	< 0.25	0.323	0.7907	0.25	0.5853
Cadmium (Cd), dissolved	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Calcium (Ca ⁺⁺)	mg/l	12	51.3	62.5	76.1	61.50	70.10
Chloride (Cl ⁻)	mg/l	12	21.3	31.125	40.2	31.90	39.00
Conductivity	µS/cm	12	4.96	551.99667	1323	512.00	643.00
Copper (Cu)	µg/l	12	< 1.5	6.0807	13.6013	5.1716	8.2067
Copper (Cu), dissolved	µg/l	12	< 1.5	1.6862	3.7344	1.50	1.50
Dissolved oxygen	mg/l	12	7.24	9.91917	12.86	9.77	7.33
Iron (Fe)	mg/l	12	0.02	0.0725	0.19	0.06	0.11
Lead (Pb)	µg/l	12	< 1.5	1.83032	5.4638	1.50	1.50
Lead (Pb), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Lindane (gama-HCH)	µg/l	11	< 0.0035	< 0.0035	< 0.0035	0.0035	0.0035
Macrozoobenthos sapr. index	-	3	1.88	1.96	2.03		
Magnesium (Mg ⁺⁺)	mg/l	12	9.97	17.26417	25.5	17.00	20.70
Mercury (Hg)	µg/l	12	< 0.15	0.1745	0.444	0.15	0.15
Mercury (Hg), dissolved	µg/l	12	< 0.15	< 0.15	< 0.15	0.15	0.15
Nickel (Ni)	µg/l	12	< 1.5	2.86523	6.5339	3.0764	4.5446
Nickel (Ni), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Nitrate (NO ₃ -N)	mg/l	12	0.15	1.01333	1.6	0.95	1.50
Nitrite (NO ₂ -N)	mg/l	12	< 0.0025	0.01288	0.027	0.011	0.022
Orthophosphate (PO ₄ -P)	mg/l	12	0.021	0.06617	0.094	0.062	0.094
Petroleum hydrocarbons	mg/l	12	0.04	0.10583	0.41	0.07	0.15
Phenol index	mg/l	12	< 0.0005	0.00138	0.006	0.0005	0.002
Phytoplankton (biomass - chlorophyll-a)	µg/l	3	1.18	2.36667	4.74		
Potassium (K ⁺)	mg/l	12	3.8	5.425	6.4	5.50	6.00
Silicates (SiO ₂)	mg/l	12	0.9	1.74167	3.1	1.60	2.30
Sodium (Na ⁺)	mg/l	12	28.4	47.45833	60.8	46.00	60.80
Sulphate (SO ₄ ⁻⁻)	mg/l	12	64	106.98333	157	108.00	132.00
Suspended solids	mg/l	12	4	59.91667	144	37.00	140.00
Temperature	°C	12	1.2	12.55833	25.5	10.40	24.00
Total phosphorus	mg/l	12	0.022	0.08317	0.138	0.072	0.124

River: Danube **Catchment:** 570896.0 km² **2014**
Distance from mouth: 1071 **Altitude:** 70 m **RO1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	12.8	15.075	18.5	14.50	17.90
Alkalinity - total	mmol/l	12	2.42	2.97417	3.3	3.03	3.20
Ammonium (NH ₄ -N)	mg/l	26	< 0.0075	0.07052	0.2	0.053	0.158
Anionic active surfactants	mg/l	12	< 0.05	0.15125	0.219	0.149	0.211
Arsenic (As), dissolved	µg/l	12	< 0.5	1.13658	1.895	1.27	1.772
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	25	1.62	2.1388	2.84	2.02	2.82
COD (Cr)	mg/l	12	9.18	10.9125	12.54	10.98	11.76
COD (Mn)	mg/l	12	1.73	2.35417	3.07	2.50	2.88
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	44.44	46.94917	52.12	46.02	49.45
Chloride (Cl ⁻)	mg/l	12	12.475	16.66358	20.915	16.512	19.165
Chromium (Cr), total	µg/l	12	< 0.25	0.69167	3.5	0.25	2.30
Conductivity	µS/cm	12	347	414.16667	485	415.00	475.00
Copper (Cu), dissolved	µg/l	12	0.913	2.082	2.905	2.24	2.842
Dissolved oxygen	mg/l	13	6.1	9.05231	12.04	8.50	7.40
Flow	m ³ /s	365	3280	6018.8630	12600	5750.00	8500.00
Lead (Pb), dissolved	µg/l	12	< 0.5	1.00417	4.13	0.50	2.20
Lindane (gamma-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.21	2.235	2.26		
Magnesium (Mg ⁺⁺)	mg/l	12	10.67	11.8825	13.58	11.64	13.58
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.02716	0.0809	0.0075	0.055
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.84733	3.12	0.50	2.048
Nitrate (NO ₃ -N)	mg/l	26	0.092	0.97942	1.77	0.95	1.501
Nitrite (NO ₂ -N)	mg/l	26	0.007	0.02181	0.055	0.018	0.042
Orthophosphate (PO ₄ -P)	mg/l	26	< 0.0035	0.0376	0.073	0.036	0.056
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	5.77	7.38	8.99		
Potassium (K ⁺)	mg/l	12	2	2.33333	3	2.00	3.00
Sodium (Na ⁺)	mg/l	12	12	17.08333	22	16.00	20.00
Sulphate (SO ₄ ⁻⁻)	mg/l	12	20.93	32.4875	39.62	34.54	37.28
Suspended solids	mg/l	26	30	40.03846	82	37.00	58.00
TOC	mg/l	12	2.95	3.95092	5.613	3.714	5.425
Temperature	°C	26	1	14.53846	25.5	16.00	23.00
Total nitrogen	mg/l	25	0.832	1.52324	2.62	1.432	2.406
Total phosphorus	mg/l	26	0.02	0.06215	0.135	0.061	0.096

River: Danube **Catchment:** 570896.0 km² **2014**
Distance from mouth: 1071 **Altitude:** 70 m **RO1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	11	12.3	14.75455	19.2	14.30	18.20
Alkalinity - total	mmol/l	11	2.54	2.95091	3.23	2.97	3.16
Ammonium (NH ₄ -N)	mg/l	17	< 0.0075	0.05506	0.108	0.059	0.101
Anionic active surfactants	mg/l	11	< 0.05	0.12455	0.168	0.138	0.165
Arsenic (As), dissolved	µg/l	11	< 0.5	0.99364	1.78	0.50	1.721
Atrazine	µg/l	11	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	17	1.5	2.02	2.74	2.00	2.70
COD (Cr)	mg/l	11	10.04	10.64818	11.65	10.36	11.53
COD (Mn)	mg/l	11	1.66	2.13545	3.01	1.92	2.75
Cadmium (Cd), dissolved	µg/l	11	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	11	44.22	46.29091	48.96	46.02	48.96
Chloride (Cl ⁻)	mg/l	11	11.47	15.32482	19.447	15.549	17.357
Chromium (Cr), total	µg/l	11	< 0.25	0.58082	1.676	0.25	1.60
Conductivity	µS/cm	11	357	405.36364	478	387.00	456.00
Copper (Cu), dissolved	µg/l	11	0.668	2.42191	5.156	2.183	4.401
Dissolved oxygen	mg/l	11	6.2	8.87545	11.72	8.20	7.10
Flow	m ³ /s	365	3280	6018.8630	12600	5750.00	8500.00
Lead (Pb), dissolved	µg/l	11	< 0.5	0.80509	3.34	0.50	1.016
Lindane (gamma-HCH)	µg/l	11	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	11	9.7	11.02273	13.58	10.67	12.61
Mercury (Hg), dissolved	µg/l	11	< 0.0075	0.01527	0.0363	0.015	0.031
Nickel (Ni), dissolved	µg/l	11	< 0.5	1.49727	3.667	0.50	3.614
Nitrate (NO ₃ -N)	mg/l	17	0.102	0.87859	1.45	0.79	1.33
Nitrite (NO ₂ -N)	mg/l	17	0.008	0.01865	0.035	0.017	0.032
Orthophosphate (PO ₄ -P)	mg/l	17	< 0.0035	0.03415	0.058	0.036	0.055
Petroleum hydrocarbons	mg/l	11	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	11	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	7.1	8.4	9.7		
Potassium (K ⁺)	mg/l	11	2	2.27273	3	2.00	3.00
Sodium (Na ⁺)	mg/l	11	12	16.09091	20	17.00	18.00
Sulphate (SO ₄ ⁻⁻)	mg/l	11	19.3	31.19091	38.36	33.28	36.83
Suspended solids	mg/l	17	33	38.82353	84	35.00	50.00
TOC	mg/l	11	2.817	3.79436	5.402	3.571	5.324
Temperature	°C	17	5.5	16.52941	25	19.00	24.00
Total nitrogen	mg/l	16	0.726	1.35269	2.142	1.156	2.104
Total phosphorus	mg/l	17	0.02	0.06724	0.169	0.055	0.169
Total phosphorus, dissolved	mg/l	17	0.013	0.04371	0.075	0.045	0.06

River: Danube **Catchment:** 570896.0 km²
Distance from mouth: 1071 **Altitude:** 70 m **2014**
Location: Right **RO1**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	11	12.6	14.45455	17	14.40	16.70
Alkalinity - total	mmol/l	11	2.52	2.94364	3.22	2.92	3.19
Ammonium (NH ₄ -N)	mg/l	17	< 0.0075	0.06068	0.122	0.057	0.11
Anionic active surfactants	mg/l	11	< 0.05	0.15627	0.223	0.164	0.204
Arsenic (As), dissolved	µg/l	11	< 0.5	1.24691	2.042	1.312	1.95
Atrazine	µg/l	11	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	17	1.6	2.11294	2.96	2.05	2.90
COD (Cr)	mg/l	11	9.55	10.87727	12.1	10.91	11.87
COD (Mn)	mg/l	11	1.85	2.28545	3.2	2.01	2.94
Cadmium (Cd), dissolved	µg/l	11	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	11	44.22	45.42909	47.38	44.44	47.38
Chloride (Cl ⁻)	mg/l	11	12.53	15.83955	18.442	15.911	18.346
Chromium (Cr), total	µg/l	11	< 0.25	0.35455	1.4	0.25	0.25
Conductivity	µS/cm	11	363	406	480	399.00	459.00
Copper (Cu), dissolved	µg/l	11	0.917	2.25545	4.003	2.362	3.082
Dissolved oxygen	mg/l	11	6.9	9.07545	12.3	8.30	7.00
Flow	m ³ /s	365	3280	6018.8630	12600	5750.00	8500.00
Lead (Pb), dissolved	µg/l	11	< 0.5	0.88255	2.48	0.50	1.684
Lindane (gamma-HCH)	µg/l	11	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	11	9.7	11.11091	12.61	10.67	11.64
Mercury (Hg), dissolved	µg/l	11	< 0.0075	0.01855	0.045	0.015	0.037
Nickel (Ni), dissolved	µg/l	11	< 0.5	1.14173	4.169	0.50	3.89
Nitrate (NO ₃ -N)	mg/l	17	0.12	0.91682	1.519	0.85	1.382
Nitrite (NO ₂ -N)	mg/l	17	0.005	0.01924	0.036	0.018	0.033
Orthophosphate (PO ₄ -P)	mg/l	17	0.007	0.03729	0.062	0.039	0.057
Petroleum hydrocarbons	mg/l	11	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	11	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	6.15	6.27	6.39		
Potassium (K ⁺)	mg/l	11	2	2.27273	3	2.00	3.00
Sodium (Na ⁺)	mg/l	11	13	16.36364	22	16.00	20.00
Sulphate (SO ₄ ⁻⁻)	mg/l	11	20.38	31.68636	37.85	33.94	37.09
Suspended solids	mg/l	17	31	37.29412	80	34.00	52.00
TOC	mg/l	11	3.005	3.92445	5.643	3.681	5.49
Temperature	°C	17	5.5	17.14706	29.5	19.00	25.50
Total nitrogen	mg/l	16	0.898	1.43606	2.23	1.276	2.194
Total phosphorus	mg/l	17	0.018	0.06941	0.19	0.06	0.144
Total phosphorus, dissolved	mg/l	17	0.017	0.04753	0.08	0.047	0.075

River: Siret **Catchment:** 42890.00 km2 **2014**
Distance from mouth: 0 **Altitude:** 4 m **RO10**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	13	3.21	3.74808	4.74	3.69	4.31
Ammonium (NH ₄ -N)	mg/l	26	< 0.0075	0.13723	0.43	0.088	0.395
Anionic active surfactants	mg/l	5	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As), dissolved	µg/l	13	1.6	1.96923	2.4	1.90	2.30
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	26	0.92	1.91808	6.01	1.57	3.77
COD (Cr)	mg/l	13	23.5	35.61	86.59	27.21	51.17
COD (Mn)	mg/l	12	3.62	7.86417	28.16	4.94	11.29
Cadmium (Cd)	µg/l	12	< 0.075	0.91128	2.016	0.8029	1.417
Cadmium (Cd), dissolved	µg/l	13	< 0.075	0.53523	1.171	0.4749	1.148
Calcium (Ca ⁺⁺)	mg/l	13	38.4	60.96923	79.4	65.40	69.40
Chloride (Cl ⁻)	mg/l	13	46.86	90.01769	143.69	90.32	140.95
Chromium (Cr), total	µg/l	12	< 0.25	1.25625	4.464	0.25	3.40
Conductivity	µS/cm	15	616	844.2	1060	890.00	1024.00
Copper (Cu), dissolved	µg/l	13	0.6025	4.2235	7.008	4.654	6.063
Dissolved oxygen	mg/l	25	6.46	9.4836	11.7	9.34	7.47
Flow	m ³ /s	365	63.8	246.53614	1420.29	196.58	441.39
Lead (Pb)	µg/l	11	1.973	7.13932	13.74	6.552	13.148
Lead (Pb), dissolved	µg/l	13	1.973	4.66181	10.92	4.5265	6.796
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.27	2.315	2.36		
Magnesium (Mg ⁺⁺)	mg/l	13	10.4	18.12308	38.4	14.40	31.40
Mercury (Hg)	µg/l	11	< 0.0075	0.03736	0.08	0.035	0.072
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.02042	0.054	0.016	0.038
Nickel (Ni)	µg/l	11	< 0.5	5.15182	10.57	4.307	10.24
Nickel (Ni), dissolved	µg/l	13	< 0.5	3.57581	8.992	2.939	7.5955
Nitrate (NO ₃ -N)	mg/l	26	0.745	1.50496	2.46	1.50	2.00
Nitrite (NO ₂ -N)	mg/l	26	0.0073	0.02613	0.069	0.023	0.054
Orthophosphate (PO ₄ -P)	mg/l	26	< 0.0035	0.0323	0.096	0.026	0.074
Petroleum hydrocarbons	mg/l	3	0.1378	0.2478	0.3293		
Phenol index	mg/l	5	< 0.0025	0.003	0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	5.05	5.475	5.9		
Sulphate (SO ₄ ⁻⁻)	mg/l	5	37.76	66.122	79.3	79.30	79.30
Suspended solids	mg/l	20	< 0.92	165.296	850	26.00	589.00
Temperature	°C	26	2	13.84615	26	15.30	24.90
Total nitrogen	mg/l	26	1.123	2.11338	4.06	2.03	2.88
Total phosphorus	mg/l	26	0.024	0.08258	0.192	0.068	0.17

River: Prut **Catchment:** 27480.00 km2 **2014**
Distance from mouth: 0 **Altitude:** 5 m **RO11**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	13	3.28	4.27077	5.83	4.16	5.47
Ammonium (NH4-N)	mg/l	26	0.016	0.1	0.458	0.085	0.163
Anionic active surfactants	mg/l	5	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	1	1.8	1.8	1.8		
Arsenic (As), dissolved	µg/l	13	1.3	1.53077	1.8	1.50	1.80
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	26	0.8	2.05423	4.3	1.50	4.13
COD (Cr)	mg/l	13	25.08	29.54077	38.88	29.52	33.45
Cadmium (Cd)	µg/l	12	< 0.075	0.54539	1.158	0.4318	1.006
Cadmium (Cd), dissolved	µg/l	13	< 0.075	0.39142	1.141	0.2557	0.9286
Calcium (Ca++)	mg/l	13	12.06	52.75846	69.4	57.80	65.40
Chloride (Cl-)	mg/l	13	25.79	58.82385	169.19	38.14	133.43
Chromium (Cr), total	µg/l	12	< 0.25	0.727	3.174	0.25	1.80
Conductivity	µS/cm	15	544	844.13333	1567	820.00	1330.00
Copper (Cu), dissolved	µg/l	13	1.257	4.065	7.74	4.017	7.568
Dissolved oxygen	mg/l	26	3.18	8.475	11.8	8.33	6.85
Flow	m3/s	365	26.7	68.91452	145	53.70	124.00
Lead (Pb)	µg/l	12	1.973	6.05946	12.85	6.274	11.73
Lead (Pb), dissolved	µg/l	13	1.973	4.98327	11.02	4.221	10.24
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.23	2.245	2.26		
Magnesium (Mg++)	mg/l	13	11.6	31.04615	66.2	25.60	53.60
Mercury (Hg)	µg/l	9	< 0.0075	0.02239	0.071	0.071	0.071
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.021	0.089	0.0075	0.034
Nickel (Ni)	µg/l	12	1.308	5.23089	12.8	4.823	8.098
Nickel (Ni), dissolved	µg/l	13	< 0.5	3.72423	12.08	2.64	7.249
Nitrate (NO3-N)	mg/l	26	0.468	1.23973	2.14	1.267	1.88
Nitrite (NO2-N)	mg/l	26	0.008	0.01865	0.044	0.019	0.027
Orthophosphate (PO4-P)	mg/l	26	0.012	0.04543	0.144	0.04	0.093
Petroleum hydrocarbons	mg/l	3	< 0.0625	0.24957	0.4334		
Phenol index	mg/l	5	< 0.0025	0.0035	0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	< 0.0015	< 0.0015	< 0.0015		
Sulphate (SO4--)	mg/l	5	72	106.802	128.4	128.40	128.40
Suspended solids	mg/l	19	11	58.36842	301	28.00	167.00
Temperature	°C	26	2	14.65	26.2	17.10	24.50
Total nitrogen	mg/l	26	0.981	1.75738	2.83	1.66	2.45
Total phosphorus	mg/l	25	0.022	0.1	0.243	0.083	0.179

River: **Somes** **Catchment:** **15780.00 km2** **2014**
Distance from mouth: **3** **Altitude:** **118 m** **RO12**
Location: **Middle**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	9	1.99	2.32333	3.4	3.40	3.40
Ammonium (NH4-N)	mg/l	26	0.02	0.13288	0.39	0.107	0.291
Anionic active surfactants	mg/l	12	< 0.05	0.06267	0.142	0.05	0.11
Arsenic (As)	µg/l	3	1.75	2.61667	3.08		
Arsenic (As), dissolved	µg/l	12	< 0.5	1.2175	4.31	0.50	1.85
Atrazine	µg/l	4	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	11	1.6	3.64545	5.1	4.00	4.90
COD (Cr)	mg/l	11	17.1	38.28182	57.9	39.40	56.30
COD (Mn)	mg/l	11	3.1	6.15455	12.6	4.70	8.80
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.08958	0.25	0.075	0.075
Calcium (Ca++)	mg/l	10	34.78	47.068	55.55	55.55	55.55
Chloride (Cl-)	mg/l	9	23.6	63.55556	107.48	107.48	107.48
Chromium (Cr), total	µg/l	12	< 0.25	0.30417	0.9	0.25	0.25
Conductivity	µS/cm	11	375	510.27273	701	495.00	614.00
Copper (Cu), dissolved	µg/l	12	1.55	3.21667	10.51	2.07	3.93
Dissolved oxygen	mg/l	13	8	10.46846	13.2	9.99	8.10
Lead (Pb), dissolved	µg/l	12	< 0.5	1.00917	6.61	0.50	0.50
Lindane (gama-HCH)	µg/l	4	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg++)	mg/l	10	3.5	11.842	15.88	15.88	15.88
Mercury (Hg)	µg/l	7	< 0.0075	0.02657	0.106	0.106	0.106
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.00829	0.017	0.0075	0.0075
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.33333	2.32	1.24	1.59
Nitrate (NO3-N)	mg/l	26	0.017	0.42888	0.972	0.36	0.905
Nitrite (NO2-N)	mg/l	26	< 0.0015	0.01788	0.065	0.018	0.026
Orthophosphate (PO4-P)	mg/l	26	0.009	0.03269	0.085	0.03	0.067
Petroleum hydrocarbons	mg/l	11	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	2.4	44.68333	209.7	15.40	118.50
Potassium (K+)	mg/l	13	2.81	6.48923	20.79	4.32	12.16
Sodium (Na+)	mg/l	13	25.95	43.6	74.12	37.44	62.37
Sulphate (SO4--)	mg/l	8	10.5	35.2625	58.1	58.10	58.10
Suspended solids	mg/l	25	6.4	45.18	182	38.40	98.80
Temperature	°C	12	6	14.43333	24.7	10.40	23.20
Total nitrogen	mg/l	26	0.639	1.6575	3.615	1.65	2.354
Total phosphorus	mg/l	25	0.069	0.1684	0.413	0.143	0.293
Zinc (Zn), dissolved	µg/l	12	< 5	34.51833	144.38	5.00	81.30
p,p'-DDT	µg/l	4	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	13	7.62	7.93385	8.79	7.91	7.67

River: Crisul Repede **Catchment:** 2413.00 km2 **2014**
Distance from mouth: 3 **Altitude:** 116 m **RO13**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.6	1.84167	2	1.90	2.00
Ammonium (NH4-N)	mg/l	12	0.04	0.08858	0.16	0.078	0.14
Anionic active surfactants	mg/l	6	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As), dissolved	µg/l	12	< 0.5	0.8	1.6	0.50	1.50
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	0.5	1.48333	2.8	1.20	2.60
COD (Cr)	mg/l	12	5	10.41667	21	11.00	19.00
COD (Mn)	mg/l	9	1	2.57333	3.8	3.80	3.80
Cadmium (Cd)	µg/l	4	< 0.075	< 0.075	< 0.075	0.075	0.075
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca++)	mg/l	12	25.9	31.90833	37.9	31.30	35.60
Chloride (Cl-)	mg/l	12	6.3	9.61667	11.8	9.30	11.80
Chromium (Cr), total	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Conductivity	µS/cm	12	188	244.66667	284	245.00	276.00
Copper (Cu), dissolved	µg/l	12	0.6	1.48333	2.5	1.30	2.40
Dissolved oxygen	mg/l	12	7.9	9.86667	12.6	9.90	8.00
Lead (Pb)	µg/l	4	< 0.5	< 0.5	< 0.5	0.50	0.50
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg++)	mg/l	12	3.9	5.65833	6.9	5.10	6.90
Mercury (Hg)	µg/l	11	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.00821	0.016	0.0075	0.0075
Nickel (Ni)	µg/l	4	< 0.5	< 0.5	< 0.5	0.50	0.50
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	12	0.39	0.9025	1.15	0.94	1.11
Nitrite (NO2-N)	mg/l	12	0.01	0.025	0.042	0.023	0.042
Orthophosphate (PO4-P)	mg/l	12	0.011	0.03575	0.079	0.03	0.068
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	6	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	< 0.0015	2.02563	5.9	2.00	4.20
Potassium (K+)	mg/l	6	2.2	2.46667	2.6	2.60	2.60
Silicates(SiO2), dissolved	mg/l	12	1.1	2.08333	3.7	1.90	3.30
Sodium (Na+)	mg/l	6	5.9	8.01667	9	9.00	9.00
Sulphate (SO4--)	mg/l	6	12.7	17.58333	21.9	21.90	21.90
Suspended solids	mg/l	12	< 0.92	9.24333	19	8.00	14.00

Temperature	°C	12	5	15.25	26	13.00	26.00
Total nitrogen	mg/l	12	0.63	1.17667	1.67	1.19	1.35
Total phosphorus	mg/l	12	0.022	0.07217	0.24	0.061	0.12

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River: Crisul Repede **Catchment:** 2413.00 km2 **2014**
Distance from mouth: 3 **Altitude:** 116 m **RO13**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.4	7.975	8.2	8.00	7.90

River: Crisul Negru **Catchment:** 3750.00 km2 **2014**
Distance from mouth: 13 **Altitude:** 86 m **RO14**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.4	2.75833	3.2	2.70	3.10
Ammonium (NH4-N)	mg/l	12	< 0.0075	0.04704	0.13	0.04	0.078
Anionic active surfactants	mg/l	6	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	0.5	1.35833	2.7	1.20	2.70
COD (Cr)	mg/l	12	5	10.83333	26	11.00	15.00
COD (Mn)	mg/l	7	1	2.65714	5.8	5.80	5.80
Cadmium (Cd)	µg/l	4	< 0.075	< 0.075	< 0.075	0.075	0.075
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca++)	mg/l	12	38.8	43.3	48.3	42.90	47.80
Chloride (Cl-)	mg/l	12	< 2.5	6.75	13.4	6.40	8.20
Chromium (Cr), total	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Conductivity	µS/cm	12	258	300.83333	359	303.00	353.00
Copper (Cu), dissolved	µg/l	12	< 0.25	1.42083	2.4	1.20	2.30
Dissolved oxygen	mg/l	12	5.6	9.50833	13.2	8.90	7.70
Lead (Pb)	µg/l	4	< 0.5	< 0.5	< 0.5	0.50	0.50
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg++)	mg/l	12	4.4	7.56667	14.4	7.30	9.30
Mercury (Hg)	µg/l	11	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.00863	0.021	0.0075	0.0075
Nickel (Ni)	µg/l	4	< 0.5	0.875	2	2.00	2.00
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO3-N)	mg/l	12	0.2	0.51083	1.06	0.39	0.92
Nitrite (NO2-N)	mg/l	12	< 0.0015	0.00833	0.014	0.008	0.014
Orthophosphate (PO4-P)	mg/l	12	0.009	0.02783	0.08	0.018	0.053
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	6	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	< 0.0015	1.58433	6.6	0.0015	4.50
Potassium (K+)	mg/l	6	1.6	2.4	3.5	3.50	3.50
Silicates(SiO2), dissolved	mg/l	12	0.5	1.64167	4.2	1.10	3.40
Sodium (Na+)	mg/l	6	4.3	5.88333	7	7.00	7.00
Sulphate (SO4--)	mg/l	6	9.4	14.25	19.3	19.30	19.30
Suspended solids	mg/l	12	< 0.92	20.41	71	7.00	53.00
Temperature	°C	12	4	14.16667	24	12.00	23.00
Total nitrogen	mg/l	8	0.53	0.8425	1.43	1.43	1.43

River: Crisul Alb **Catchment:** 4240.00 km2 **2014**
Distance from mouth: 0 **Altitude:** 89 m **RO15**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.7	2.70833	3.8	2.70	3.20
Ammonium (NH ₄ -N)	mg/l	12	0.038	0.076	0.12	0.06	0.11
Anionic active surfactants	mg/l	6	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As), dissolved	µg/l	12	< 0.5	1.33333	2.5	1.20	2.30
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	0.5	1.75	3.5	1.60	3.40
COD (Cr)	mg/l	12	5	15.25	28	15.00	25.00
COD (Mn)	mg/l	11	1	3.33636	5.2	3.30	4.90
Cadmium (Cd)	µg/l	4	< 0.075	< 0.075	< 0.075	0.075	0.075
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	30.7	44.53333	52.8	46.90	52.20
Chloride (Cl ⁻)	mg/l	12	5.6	9.525	15.6	9.80	13.30
Chromium (Cr), total	µg/l	12	< 0.25	1.6	14.4	0.25	2.30
Conductivity	µS/cm	12	220	341.66667	470	362.00	401.00
Copper (Cu), dissolved	µg/l	12	< 0.25	1.7125	2.4	1.60	2.30
Dissolved oxygen	mg/l	12	6.7	9.28333	12.9	9.20	6.90
Lead (Pb)	µg/l	4	< 0.5	< 0.5	< 0.5	0.50	0.50
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	12	3	8.44167	15.5	8.50	12.10
Mercury (Hg)	µg/l	12	< 0.0075	0.01013	0.039	0.0075	0.0075
Mercury (Hg), dissolved	µg/l	12	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Nickel (Ni)	µg/l	4	< 0.5	< 0.5	< 0.5	0.50	0.50
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	12	0.19	0.4525	0.69	0.46	0.65
Nitrite (NO ₂ -N)	mg/l	12	0.005	0.01175	0.023	0.011	0.017
Orthophosphate (PO ₄ -P)	mg/l	12	0.013	0.0465	0.085	0.043	0.073
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	6	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	< 0.0015	0.80946	4.1	0.0015	3.30
Potassium (K ⁺)	mg/l	6	1.8	2.93333	4.6	4.60	4.60
Silicates(SiO ₂), dissolved	mg/l	12	0.5	3.18333	5.4	3.70	4.30
Sodium (Na ⁺)	mg/l	6	6.3	12.31667	16	16.00	16.00
Sulphate (SO ₄ ⁻⁻)	mg/l	6	27.8	34.48333	43.6	43.60	43.60
Suspended solids	mg/l	12	5	24.83333	79	9.00	67.00
Temperature	°C	12	4	14	25	13.00	22.00
Total nitrogen	mg/l	11	0.52	0.78909	1.09	0.80	0.94

River: Mures **Catchment:** 27818.00 km2 **2014**
Distance from mouth: 21 **Altitude:** 86 m **RO16**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.5	2.00333	2.6	1.96	2.60
Ammonium (NH4-N)	mg/l	12	< 0.0075	0.04921	0.138	0.043	0.068
Anionic active surfactants	mg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As), dissolved	µg/l	12	< 0.5	1.6775	4.76	1.56	2.86
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	1.7	4.1475	6.19	4.12	5.34
COD (Cr)	mg/l	12	7.54	12.64667	24.6	9.78	17.80
COD (Mn)	mg/l	3	4.16	5.72	7		
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.08258	0.166	0.075	0.075
Calcium (Ca++)	mg/l	12	28.48	38.265	46.1	39.20	44.80
Chloride (Cl-)	mg/l	11	20.71	48.00818	67.5	55.94	67.50
Chromium (Cr), total	µg/l	12	1.94	3.8025	5.92	3.57	4.91
Conductivity	µS/cm	12	282	419.08333	571	384.00	510.00
Copper (Cu), dissolved	µg/l	12	1.79	4.98583	15.3	4.58	7.49
Dissolved oxygen	mg/l	12	7.44	9.995	12.95	9.80	7.49
Lead (Pb), dissolved	µg/l	12	< 0.5	1.37417	3.74	0.50	3.74
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg++)	mg/l	12	6.15	9.01083	12.8	9.42	11.50
Mercury (Hg)	µg/l	12	< 0.0075	0.02404	0.105	0.0075	0.04
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.0115	0.042	0.0075	0.021
Nickel (Ni), dissolved	µg/l	12	< 0.5	2.9075	6.68	2.12	5.90
Nitrate (NO3-N)	mg/l	12	0.343	0.73917	1.2	0.718	1.16
Nitrite (NO2-N)	mg/l	12	0.006	0.01275	0.033	0.009	0.023
Orthophosphate (PO4-P)	mg/l	12	0.007	0.03692	0.078	0.032	0.078
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	0.00277	0.0057	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	12	< 0.0015	20.08179	87.81	8.76	57.03
Potassium (K+)	mg/l	6	2.93	3.91333	4.69	4.69	4.69
Silicates(SiO2), dissolved	mg/l	12	6.24	7.85333	9.64	7.68	9.21
Sodium (Na+)	mg/l	6	23.2	39.26667	48.2	48.20	48.20
Sulphate (SO4--)	mg/l	6	12.17	42.575	75.78	75.78	75.78
Suspended solids	mg/l	12	< 0.92	38.17667	138.6	14.60	133.20
Temperature	°C	12	1.5	12.06667	22	9.00	20.50
Total nitrogen	mg/l	12	0.875	1.65542	3.05	1.51	2.41
Total phosphorus	mg/l	12	0.014	0.07558	0.183	0.058	0.135
Zinc (Zn), dissolved	µg/l	12	< 5	7.50083	17	5.00	12.00
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025

pH - 12 7.7 7.98083 8.46 7.84 7.71

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River: Bega **Catchment:** 2632.00 km2 **2014**
Distance from mouth: 7 **Altitude:** 46 m **RO17**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1	1.69667	2.12	1.70	2.10
Ammonium (NH4-N)	mg/l	12	< 0.0075	0.06821	0.12	0.065	0.085
Anionic active surfactants	mg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
BOD (5)	mg/l	12	0.88	2.03833	4.25	1.72	3.33
COD (Cr)	mg/l	12	8.32	16.17583	37.25	13.89	22.73
COD (Mn)	mg/l	12	2.56	4.94417	18	3.36	5.16
Cadmium (Cd)	µg/l	4	< 0.075	0.13875	0.33	0.33	0.33
Cadmium (Cd), dissolved	µg/l	11	< 0.075	0.08191	0.151	0.075	0.075
Calcium (Ca++)	mg/l	12	23.81	28.3375	34.12	28.37	30.14
Chloride (Cl-)	mg/l	12	11.34	17.79583	28.36	15.60	24.11
Chromium (Cr), total	µg/l	11	< 0.25	2.09545	13	0.25	7.80
Conductivity	µS/cm	12	215	270.08333	346	270.00	315.00
Copper (Cu), dissolved	µg/l	11	< 0.25	2.60455	6.6	2.00	6.40
Dissolved oxygen	mg/l	12	5.19	8.84333	11.55	8.19	6.60
Lead (Pb)	µg/l	4	< 0.5	3.2575	7.6	7.60	7.60
Lead (Pb), dissolved	µg/l	11	< 0.5	1.67636	3.68	0.50	3.40
Lindane (gama-HCH)	µg/l	10	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg++)	mg/l	12	4.33	8.055	11.6	8.18	11.06
Mercury (Hg)	µg/l	4	< 0.0075	0.03713	0.066	0.066	0.066
Mercury (Hg), dissolved	µg/l	9	< 0.0075	0.02706	0.059	0.059	0.059
Nickel (Ni)	µg/l	3	< 0.5	2.5	6.5		
Nickel (Ni), dissolved	µg/l	11	< 0.5	2.23	8.22	0.50	5.23
Nitrate (NO3-N)	mg/l	12	0.099	0.859	1.784	0.83	1.166
Nitrite (NO2-N)	mg/l	12	0.008	0.01825	0.035	0.014	0.029
Orthophosphate (PO4-P)	mg/l	12	0.104	0.16658	0.234	0.13	0.222
Petroleum hydrocarbons	mg/l	12	< 0.0625	0.09375	0.37	0.0625	0.13
Phenol index	mg/l	12	< 0.0025	0.00533	0.03	0.0025	0.009
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	< 0.0015	2.10075	4.2		
Potassium (K+)	mg/l	12	2	4.16667	13	3.00	6.00
Sodium (Na+)	mg/l	12	15	20.08333	30	19.00	30.00
Sulphate (SO4--)	mg/l	12	15.51	19.818	23.96	19.66	22.95
Suspended solids	mg/l	12	5	17.25	68	10.00	22.00
Temperature	°C	12	1	13.16667	23	13.00	22.00
Total nitrogen	mg/l	8	1.05	1.495	1.97	1.97	1.97
Total phosphorus	mg/l	12	0.189	0.32892	0.498	0.292	0.492

Zinc (Zn), dissolved	µg/l	11	< 5	14.22727	82.2	5.00	29.30
p,p'-DDT	µg/l	10	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.1	7.30833	7.5	7.30	7.20

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River: Danube **Catchment:** 577085.0 km² **2014**
Distance from mouth: 851 **Altitude:** 32 m **RO18**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	12.3	16.80833	19.3	16.80	19.20
Alkalinity - total	mmol/l	12	2.69	3.02083	3.38	2.99	3.28
Ammonium (NH ₄ -N)	mg/l	12	< 0.0075	0.06446	0.147	0.053	0.122
Anionic active surfactants	mg/l	12	< 0.05	0.14017	0.281	0.134	0.194
Arsenic (As), dissolved	µg/l	12	< 0.5	0.7815	1.773	0.50	1.313
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	1.7	2.12583	2.9	2.08	2.63
COD (Cr)	mg/l	12	8.56	10.87333	13.66	10.86	12.66
COD (Mn)	mg/l	12	1.86	2.38167	3.14	2.21	2.95
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.08883	0.241	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	44.22	47.7675	55.28	47.38	50.54
Chloride (Cl ⁻)	mg/l	12	13.576	16.53542	20.25	16.145	19.889
Chromium (Cr), total	µg/l	12	< 0.25	0.55708	2.06	0.25	1.52
Conductivity	µS/cm	12	321	404.75	458	407.00	458.00
Copper (Cu), dissolved	µg/l	12	0.5	2.28592	3.676	2.293	3.589
Dissolved oxygen	mg/l	12	6.1	8.72417	11.54	7.91	7.20
Lead (Pb), dissolved	µg/l	12	< 0.5	0.87	3	0.50	2.44
Lindane (gamma-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.25	2.25	2.25		
Magnesium (Mg ⁺⁺)	mg/l	12	10.67	12.52917	18.43	11.64	16.49
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.02105	0.04	0.016	0.039
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.5735	5.634	0.50	3.731
Nitrate (NO ₃ -N)	mg/l	12	0.55	1.00175	1.7	0.98	1.37
Nitrite (NO ₂ -N)	mg/l	12	0.011	0.02125	0.036	0.02	0.03
Orthophosphate (PO ₄ -P)	mg/l	12	0.011	0.0405	0.08	0.041	0.054
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	2.36	2.66	2.96		
Potassium (K ⁺)	mg/l	12	1	2.08333	3	2.00	3.00
Sodium (Na ⁺)	mg/l	12	12	16.41667	22	16.00	22.00
Sulphate (SO ₄ ⁻⁻)	mg/l	12	20.46	33.36	50.85	32.84	39.42
Suspended solids	mg/l	12	33	44	88	36.00	81.00
TOC	mg/l	12	2.705	3.87792	5.68	3.425	5.53

Temperature	°C	12	6	14.5	25	14.70	24.00
Total nitrogen	mg/l	12	0.81	1.433	2.34	1.458	1.83
Total phosphorus	mg/l	12	0.027	0.05733	0.099	0.055	0.074
Total phosphorus, dissolved	mg/l	12	0.013	0.04767	0.089	0.051	0.064
Zinc (Zn), dissolved	µg/l	12	< 5	11.61667	48.6	5.00	40.80

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River: Danube **Catchment:** 577085.0 km² **2014**
Distance from mouth: 851 **Altitude:** 32 m **RO18**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.76	8.05	8.37	8.06	7.80

River: Danube **Catchment:** 577085.0 km² **2014**
Distance from mouth: 851 **Altitude:** 32 m **RO18**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	13	16.38333	20	16.20	18.20
Alkalinity - total	mmol/l	12	2.65	2.9625	3.34	2.94	3.23
Ammonium (NH ₄ -N)	mg/l	12	< 0.0075	0.07071	0.202	0.055	0.119
Anionic active surfactants	mg/l	12	< 0.05	0.13633	0.301	0.114	0.287
Arsenic (As), dissolved	µg/l	12	< 0.5	0.88975	1.804	0.50	1.504
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	1.63	2.03417	2.73	1.96	2.56
COD (Cr)	mg/l	12	8.12	10.45917	13.22	10.45	12.21
COD (Mn)	mg/l	12	1.66	2.24417	2.93	2.08	2.80
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.097	0.339	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	44.44	47.38667	52.12	47.38	52.12
Chloride (Cl ⁻)	mg/l	12	11.81	15.81133	19.889	15.778	19.527
Chromium (Cr), total	µg/l	12	< 0.25	0.59167	2.9	0.25	1.70
Conductivity	µS/cm	12	325	396.66667	455	379.00	452.00
Copper (Cu), dissolved	µg/l	12	< 0.25	1.94975	3.664	1.80	3.461
Dissolved oxygen	mg/l	12	6.4	8.5875	11.63	7.60	7.00
Lead (Pb), dissolved	µg/l	12	< 0.5	1.08083	4.87	0.50	3.10
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	12	9.7	11.55917	18.43	10.67	12.61
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.01685	0.04	0.0075	0.0272
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.93683	5.742	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	12	0.54	0.98675	1.52	0.96	1.465
Nitrite (NO ₂ -N)	mg/l	12	0.009	0.01967	0.032	0.018	0.026
Orthophosphate (PO ₄ -P)	mg/l	12	0.011	0.03592	0.061	0.035	0.056
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	2.24	2.36	2.48		
Potassium (K ⁺)	mg/l	12	1	2	3	2.00	2.00
Sodium (Na ⁺)	mg/l	12	12	15.41667	22	14.00	22.00
Sulphate (SO ₄ ⁻⁻)	mg/l	12	21.44	31.95583	48.56	29.00	38.79
Suspended solids	mg/l	12	31	42.16667	89	34.00	78.00
TOC	mg/l	12	2.702	3.777	5.495	3.397	5.012
Temperature	°C	12	6	14.30833	25	14.20	23.00
Total nitrogen	mg/l	12	0.966	1.43367	2.18	1.342	1.996
Total phosphorus	mg/l	12	0.024	0.05258	0.086	0.051	0.067
Total phosphorus, dissolved	mg/l	12	0.013	0.04492	0.079	0.044	0.063
Zinc (Zn), dissolved	µg/l	12	< 5	14.38333	49	5.00	46.00

River: Danube **Catchment:** 577085.0 km²
Distance from mouth: 851 **Altitude:** 32 m **2014**
Location: Right **RO18**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	12.6	16.41667	18.8	16.40	18.60
Alkalinity - total	mmol/l	12	2.61	2.96833	3.42	2.88	3.32
Ammonium (NH ₄ -N)	mg/l	12	< 0.0075	0.08188	0.292	0.052	0.137
Anionic active surfactants	mg/l	12	< 0.05	0.16358	0.315	0.158	0.202
Arsenic (As), dissolved	µg/l	12	< 0.5	1.04508	1.772	1.141	1.672
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	1.58	2.17	3.01	2.02	2.73
COD (Cr)	mg/l	12	8.78	10.975	13.89	11.20	12.43
COD (Mn)	mg/l	12	1.73	2.4275	3.1	2.18	3.07
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.08217	0.161	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	44.22	46.11833	48.96	45.80	48.96
Chloride (Cl ⁻)	mg/l	12	12.53	15.96383	20.25	16.11	19.165
Chromium (Cr), total	µg/l	12	< 0.25	0.67808	2.7	0.25	2.30
Conductivity	µS/cm	12	326	397.91667	456	381.00	454.00
Copper (Cu), dissolved	µg/l	12	0.55	2.63433	7.621	2.397	3.482
Dissolved oxygen	mg/l	12	6.4	8.88917	11.79	8.17	7.40
Lead (Pb), dissolved	µg/l	12	< 0.5	1.05333	3.95	0.50	3.69
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	12	9.7	11.8825	19.4	10.67	13.58
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.02139	0.05	0.0075	0.0427
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.25083	6.162	0.50	3.848
Nitrate (NO ₃ -N)	mg/l	12	0.59	0.98358	1.52	0.93	1.34
Nitrite (NO ₂ -N)	mg/l	12	0.011	0.01958	0.028	0.017	0.027
Orthophosphate (PO ₄ -P)	mg/l	12	0.02	0.05167	0.116	0.046	0.081
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	2.01	2.37	2.73		
Potassium (K ⁺)	mg/l	12	1	2.08333	3	2.00	3.00
Sodium (Na ⁺)	mg/l	12	12	15.75	22	15.00	20.00
Sulphate (SO ₄ ⁻⁻)	mg/l	12	20.94	33.195	45.23	32.55	41.38
Suspended solids	mg/l	12	30	68.33333	371	33.00	82.00
TOC	mg/l	12	2.814	3.90692	5.544	3.525	5.42
Temperature	°C	12	6	14.4	25	14.40	23.00
Total nitrogen	mg/l	12	0.99	1.46433	2.036	1.316	1.926
Total phosphorus	mg/l	12	0.026	0.07925	0.201	0.071	0.093
Total phosphorus, dissolved	mg/l	12	0.021	0.06717	0.17	0.059	0.087
Zinc (Zn), dissolved	µg/l	12	< 5	21.6	69.1	5.00	62.00

River: Jiu **Catchment:** 10046.00 km2 **2014**
Distance from mouth: 9 **Altitude:** 31 m **RO19**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.365	2.8115	3.43	2.648	3.246
Ammonium (NH ₄ -N)	mg/l	12	< 0.0075	0.04488	0.0854	0.0389	0.0768
Anionic active surfactants	mg/l	12	0.143	0.17133	0.191	0.171	0.189
Arsenic (As), dissolved	µg/l	12	< 0.5	1	1.5	1.20	1.50
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	3.8	5.00667	6.5	4.80	5.90
COD (Cr)	mg/l	12	21.34	26.42833	31.61	25.01	30.26
COD (Mn)	mg/l	12	5.56	6.835	8.64	6.40	7.80
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	44.7	53.13642	64.827	50.047	61.35
Chloride (Cl ⁻)	mg/l	12	12.89	18.63258	22.667	17.99	22.199
Chromium (Cr), total	µg/l	11	< 0.25	0.39818	0.7	0.25	0.65
Conductivity	µS/cm	12	294	350	420	344.00	389.00
Copper (Cu), dissolved	µg/l	12	0.83	1.33583	1.9	1.30	1.90
Dissolved oxygen	mg/l	12	7.5	8.9525	11.3	8.30	7.60
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	12	8.94	10.62617	12.965	10.009	12.27
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.03142	0.185	0.0075	0.074
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.20833	2.4	1.10	2.00
Nitrate (NO ₃ -N)	mg/l	12	0.8075	1.31681	2.0075	1.1867	1.7725
Nitrite (NO ₂ -N)	mg/l	12	0.0068	0.01031	0.0171	0.0091	0.0166
Orthophosphate (PO ₄ -P)	mg/l	12	0.0188	0.05137	0.0773	0.0504	0.0756
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	< 0.0015	< 0.0015	< 0.0015		
Potassium (K ⁺)	mg/l	12	1.2	1.74167	2.2	1.70	2.20
Sodium (Na ⁺)	mg/l	12	11.2	16.80833	22.9	16.50	20.70
Sulphate (SO ₄ ⁻⁻)	mg/l	12	26.235	42.12567	54.391	42.888	52.424
Suspended solids	mg/l	12	7	110.83333	302	52.00	227.00
Temperature	°C	12	6	17	28	16.00	26.00
Total nitrogen	mg/l	12	1.056	1.62175	2.481	1.512	2.315
Total phosphorus	mg/l	12	0.0261	0.07009	0.1041	0.07	0.103
Total phosphorus, dissolved	mg/l	12	0.0218	0.0591	0.089	0.0581	0.0873
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.65	7.97	8.26	7.88	7.75

River: Danube **Catchment:** 580100.0 km² **2014**
Distance from mouth: 834 **Altitude:** 31 m **RO2**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	14.3	18.11667	22.7	17.80	21.20
Alkalinity - total	mmol/l	12	2.65	2.99333	3.38	2.94	3.30
Ammonium (NH ₄ -N)	mg/l	25	< 0.0075	0.06552	0.157	0.055	0.121
Anionic active surfactants	mg/l	12	< 0.05	0.15283	0.244	0.153	0.221
Arsenic (As), dissolved	µg/l	12	< 0.5	1.00008	2.016	0.50	1.93
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	25	1.56	2.0124	2.85	1.90	2.62
COD (Cr)	mg/l	12	8.06	10.59	13.1	10.80	12.32
COD (Mn)	mg/l	12	1.96	2.31667	2.94	2.24	2.89
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.08475	0.192	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	45.8	48.09583	53.7	47.38	50.54
Chloride (Cl ⁻)	mg/l	12	12.89	16.04233	19.889	16.11	19.527
Chromium (Cr), total	µg/l	12	< 0.25	0.70392	2.4	0.25	2.10
Conductivity	µS/cm	12	348	402	453	389.00	450.00
Copper (Cu), dissolved	µg/l	12	< 0.25	1.89192	4.485	1.57	3.655
Dissolved oxygen	mg/l	12	6	8.74833	11.06	8.10	7.20
Flow	m ³ /s	365	3120	5755.5095	12200	5420.00	8240.00
Lead (Pb), dissolved	µg/l	12	< 0.5	0.93333	3.1	0.50	3.10
Lindane (gamma-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.06	2.135	2.21		
Magnesium (Mg ⁺⁺)	mg/l	12	9.7	12.37583	18.43	11.64	15.62
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.02685	0.08	0.015	0.057
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.94008	3.185	0.50	3.096
Nitrate (NO ₃ -N)	mg/l	25	0.59	1.00452	1.8	0.91	1.499
Nitrite (NO ₂ -N)	mg/l	25	0.01	0.01892	0.042	0.017	0.028
Orthophosphate (PO ₄ -P)	mg/l	25	0.012	0.0402	0.082	0.042	0.061
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	< 0.0015	1.24075	2.48		
Potassium (K ⁺)	mg/l	12	1	1.91667	3	2.00	2.00
Silicates(SiO ₂), dissolved	mg/l	25	< 0.2	3.18	12.5	2.60	3.90
Sodium (Na ⁺)	mg/l	12	12	14.75	20	13.00	20.00
Sulphate (SO ₄ ⁻⁻)	mg/l	12	15.43	33.00833	50.85	32.47	40.45
Suspended solids	mg/l	25	29	45.6	169	36.00	89.00
TOC	mg/l	12	2.985	4.05092	5.203	3.89	5.051

Temperature	°C	25	4	14.508	25	15.00	24.00
Total nitrogen	mg/l	25	0.878	1.50168	2.608	1.39	2.098
Total phosphorus	mg/l	25	0.018	0.0584	0.114	0.057	0.087

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River: Danube **Catchment:** 580100.0 km² **2014**
Distance from mouth: 834 **Altitude:** 31 m **RO2**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total phosphorus, dissolved	mg/l	25	0.015	0.0484	0.097	0.046	0.076
Zinc (Zn), dissolved	µg/l	12	< 5	19.68333	54.1	5.00	47.00
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.88	8.06167	8.22	8.05	7.94

River: Danube **Catchment:** 580100.0 km² **2014**
Distance from mouth: 834 **Altitude:** 31 m **RO2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	14	17.84167	23	17.00	22.40
Alkalinity - total	mmol/l	12	2.61	2.96	3.34	2.92	3.28
Ammonium (NH ₄ -N)	mg/l	25	< 0.0075	0.06226	0.171	0.051	0.123
Anionic active surfactants	mg/l	12	< 0.05	0.12017	0.237	0.117	0.19
Arsenic (As), dissolved	µg/l	12	< 0.5	1.18583	1.812	1.22	1.772
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	25	1.48	1.9152	2.57	1.85	2.40
COD (Cr)	mg/l	12	8.34	10.24333	12.66	10.44	11.65
COD (Mn)	mg/l	12	1.79	2.21417	2.82	2.04	2.82
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.0855	0.201	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	42.85	46.11833	48.96	45.80	48.96
Chloride (Cl ⁻)	mg/l	12	12.53	15.75158	19.165	15.411	18.804
Chromium (Cr), total	µg/l	12	< 0.25	0.53542	2.15	0.25	1.125
Conductivity	µS/cm	12	346	398.41667	457	373.00	455.00
Copper (Cu), dissolved	µg/l	12	0.663	2.44625	6.598	2.232	4.86
Dissolved oxygen	mg/l	12	6.1	8.59583	11.06	7.80	7.10
Flow	m ³ /s	365	3120	5755.5095	12200	5420.00	8240.00
Lead (Pb), dissolved	µg/l	12	< 0.5	0.96567	3.01	0.50	2.30
Lindane (gamma-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	12	9.7	12.125	19.4	11.64	16.49
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.02418	0.053	0.016	0.051
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.00142	2.756	0.50	2.582
Nitrate (NO ₃ -N)	mg/l	25	0.55	0.99808	1.64	0.98	1.45
Nitrite (NO ₂ -N)	mg/l	25	0.01	0.01812	0.029	0.017	0.026
Orthophosphate (PO ₄ -P)	mg/l	25	0.012	0.03772	0.073	0.037	0.064
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	< 0.0015	1.06575	2.13		
Potassium (K ⁺)	mg/l	12	1	2.08333	3	2.00	3.00
Silicates(SiO ₂), dissolved	mg/l	25	< 0.2	2.977	11.8	2.30	4.425
Sodium (Na ⁺)	mg/l	12	12	15.41667	22	14.00	22.00
Sulphate (SO ₄ ⁻⁻)	mg/l	12	25.96	33.86167	48.29	32.30	38.59
Suspended solids	mg/l	25	26	43.28	152	35.00	85.00
TOC	mg/l	12	2.89	3.93342	5.084	3.727	4.808
Temperature	°C	25	4	14.5	25	15.00	24.00
Total nitrogen	mg/l	25	0.786	1.49592	2.24	1.448	2.078
Total phosphorus	mg/l	25	0.02	0.05312	0.09	0.053	0.075

River: Danube **Catchment:** 580100.0 km² **2014**
Distance from mouth: 834 **Altitude:** 31 m **RO2**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	14.1	17.5975	21.3	17.20	20.07
Alkalinity - total	mmol/l	12	2.63	2.95083	3.32	2.87	3.26
Ammonium (NH ₄ -N)	mg/l	25	< 0.0075	0.06882	0.158	0.062	0.133
Anionic active surfactants	mg/l	12	< 0.05	0.16042	0.261	0.156	0.214
Arsenic (As), dissolved	µg/l	12	< 0.5	1.271	1.971	1.304	1.895
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	25	1.62	2.05	2.89	1.90	2.76
COD (Cr)	mg/l	12	7.78	10.54583	13	11.04	11.87
COD (Mn)	mg/l	12	1.79	2.31833	3.01	2.11	2.94
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.09021	0.2575	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	42.85	46.77583	50.54	46.02	50.54
Chloride (Cl ⁻)	mg/l	12	12.209	15.56708	19.527	14.677	18.442
Chromium (Cr), total	µg/l	11	< 0.25	0.90473	3.4	0.25	3.12
Conductivity	µS/cm	12	342	399.25	460	376.00	457.00
Copper (Cu), dissolved	µg/l	12	0.654	3.22817	6.902	2.681	5.295
Dissolved oxygen	mg/l	12	6.2	8.785	11.34	8.30	7.30
Flow	m ³ /s	365	3120	5755.5095	12200	5420.00	8240.00
Lead (Pb), dissolved	µg/l	12	< 0.5	1.25383	3.9	0.50	3.67
Lindane (gamma-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	12	9.7	11.31667	17.46	10.67	13.58
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.02861	0.097	0.021	0.05
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.55633	3.609	0.50	3.23
Nitrate (NO ₃ -N)	mg/l	25	0.6	1.00156	1.71	0.92	1.43
Nitrite (NO ₂ -N)	mg/l	25	0.011	0.01856	0.029	0.017	0.028
Orthophosphate (PO ₄ -P)	mg/l	25	0.015	0.04204	0.084	0.044	0.062
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	2.01	2.07	2.13		
Potassium (K ⁺)	mg/l	12	2	2.33333	3	2.00	3.00
Silicates(SiO ₂), dissolved	mg/l	25	< 0.2	2.812	11.5	2.40	3.60
Sodium (Na ⁺)	mg/l	12	12	15.75	22	14.00	20.00
Sulphate (SO ₄ ⁻⁻)	mg/l	12	23.78	33.4925	46.79	33.91	37.51
Suspended solids	mg/l	25	24	41.48	121	34.00	86.00
TOC	mg/l	12	3.012	4.07042	5.125	3.97	4.964
Temperature	°C	25	4	14.82	25	16.50	24.00
Total nitrogen	mg/l	25	0.884	1.46232	2.36	1.328	2.046
Total phosphorus	mg/l	25	0.029	0.06612	0.099	0.064	0.092

River: **Olt** **Catchment:** **24050.00 km2** **2014**
Distance from mouth: **3** **Altitude:** **32 m** **RO20**
Location: **Middle**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.73	2.06475	3.397	1.94	2.10
Ammonium (NH ₄ -N)	mg/l	12	< 0.0075	0.11629	0.659	0.051	0.179
Anionic active surfactants	mg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Atrazine	µg/l	4	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	0.74	1.69167	3.72	1.42	2.21
COD (Cr)	mg/l	12	7.68	11.16167	16.52	10.56	15.36
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.14917	0.37	0.075	0.30
Calcium (Ca ⁺⁺)	mg/l	12	51.82	70.88667	97.6	63.24	92.03
Chloride (Cl ⁻)	mg/l	12	65.53	110.53	165.07	90.05	163.70
Chromium (Cr), total	µg/l	12	< 0.25	0.59	1.1	0.50	0.92
Conductivity	µS/cm	12	438	619.08333	999	527.00	812.00
Copper (Cu), dissolved	µg/l	12	< 0.25	3.17083	9.9	2.25	7.07
Dissolved oxygen	mg/l	12	7.52	8.84917	10.33	9.12	7.79
Lead (Pb), dissolved	µg/l	12	< 0.5	3.23583	10.48	1.60	8.13
Lindane (gama-HCH)	µg/l	4	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	12	4.91	6.49208	9.135	6.51	7.60
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.01704	0.031	0.02	0.028
Nickel (Ni), dissolved	µg/l	12	1	2.16333	5.95	1.30	3.99
Nitrate (NO ₃ -N)	mg/l	12	0.307	0.89108	2.27	0.638	1.505
Nitrite (NO ₂ -N)	mg/l	12	0.011	0.03567	0.136	0.023	0.047
Orthophosphate (PO ₄ -P)	mg/l	12	0.014	0.06442	0.335	0.028	0.094
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	16.17	16.4675	16.765		
Silicates(SiO ₂), dissolved	mg/l	12	7.82	8.90825	12.96	8.04	11.67
Sulphate (SO ₄ ⁻⁻)	mg/l	12	5.68	14.4425	22.98	13.04	19.81
Suspended solids	mg/l	12	10.8	17.46667	30.4	14.70	27.60
Temperature	°C	12	2.3	15.125	28.1	17.90	25.90
Total nitrogen	mg/l	12	0.767	1.49958	4.025	1.003	2.163
Total phosphorus	mg/l	12	0.025	0.08033	0.369	0.042	0.106
Zinc (Zn), dissolved	µg/l	12	25	36.91667	87	25.00	70.00
p,p'-DDT	µg/l	4	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.1	7.68333	7.91	7.73	7.52

River: Lalomita **Catchment:** 10309.00 km2 **2014**
Distance from mouth: 24 **Altitude:** 8 m **RO21**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.178	3.98042	4.706	3.98	4.57
Ammonium (NH4-N)	mg/l	12	0.015	1.06025	6.551	0.267	2.707
Anionic active surfactants	mg/l	10	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As), dissolved	µg/l	10	1.124	1.4908	1.98	1.98	1.98
Atrazine	µg/l	10	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	1.5	10.15917	74.71	3.13	14.29
COD (Cr)	mg/l	12	25.7	83.72325	431.09	42.28	90.445
COD (Mn)	mg/l	9	2.173	6.53311	13.295	13.295	13.295
Cadmium (Cd), dissolved	µg/l	11	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca++)	mg/l	12	76.152	87.66108	101.8	85.431	98.597
Chloride (Cl-)	mg/l	12	112.32	168.56475	248.17	164.51	195.70
Chromium (Cr), total	µg/l	12	0.5	2.13708	9.467	0.50	6.659
Conductivity	µS/cm	12	892	1147.8333	1416	1142.00	1297.00
Copper (Cu), dissolved	µg/l	12	1.897	4.3305	6.96	4.072	6.365
Dissolved oxygen	mg/l	12	4.59	7.9575	10.66	8.04	4.87
Lead (Pb), dissolved	µg/l	12	1	1	1	1.00	1.00
Lindane (gama-HCH)	µg/l	11	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg++)	mg/l	12	6.912	16.74317	23.954	16.538	23.35
Nickel (Ni), dissolved	µg/l	12	2	2.00433	2.052	2.00	2.00
Nitrate (NO3-N)	mg/l	12	1.144	2.28242	5.984	1.766	3.268
Nitrite (NO2-N)	mg/l	12	< 0.0015	0.06813	0.17	0.036	0.157
Orthophosphate (PO4-P)	mg/l	12	0.04	0.1085	0.194	0.101	0.171
Petroleum hydrocarbons	mg/l	11	< 0.0625	0.29589	0.6171	0.258	0.4621
Phenol index	mg/l	10	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	21.46	21.83	22.2		
Sulphate (SO4--)	mg/l	12	85.54	104.8905	120.79	104.424	117.996
Suspended solids	mg/l	12	50.5	667.95833	2468	448.00	1564.00
Temperature	°C	12	1	15.66667	34	14.00	27.00
Total nitrogen	mg/l	12	1.951	4.54283	16.373	2.694	7.077
Total phosphorus	mg/l	12	0.109	0.17916	0.424	0.1519	0.273

Zinc (Zn), dissolved	µg/l	12	15	20.41667	80	15.00	15.00
p,p'-DDT	µg/l	11	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	6.76	7.37167	7.91	7.29	7.11

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River: Danube **Catchment:** 676150.0 km² **2014**
Distance from mouth: 432 **Altitude:** 16 m **RO3**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	22.3	25.83333	28.1	25.60	27.60
Alkalinity - total	mmol/l	12	3.119	3.59483	4.533	3.47	3.932
Ammonium (NH ₄ -N)	mg/l	12	< 0.0075	0.03391	0.0636	0.0314	0.0561
Anionic active surfactants	mg/l	12	0.209	0.23892	0.273	0.229	0.268
Arsenic (As)	µg/l	12	1.3	2.05833	4.2	1.90	2.40
Arsenic (As), dissolved	µg/l	12	< 0.5	0.81667	2.3	0.50	1.50
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	3.3	4.50167	5.2	4.50	5.10
COD (Cr)	mg/l	12	26.9	32.715	38.29	32.39	37.13
COD (Mn)	mg/l	12	5.76	6.39833	7.04	6.27	6.91
Cadmium (Cd)	µg/l	11	< 0.075	0.19909	0.58	0.075	0.29
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.14667	0.29	0.075	0.29
Calcium (Ca ⁺⁺)	mg/l	12	55.2	63.57075	79.55	61.419	69.596
Chloride (Cl ⁻)	mg/l	12	15.831	26.49825	45.472	24.95	38.45
Chromium (Cr) - total	µg/l	12	< 0.25	1.41833	6	1.00	2.30
Chromium (Cr), total	µg/l	12	< 0.25	0.42917	0.88	0.25	0.76
Conductivity	µS/cm	12	336	387.75	476	377.00	443.00
Copper (Cu)	µg/l	12	1.1	2.25833	5.6	2.00	2.80
Copper (Cu), dissolved	µg/l	12	0.7	1.50333	2.8	1.40	2.30
Dissolved oxygen	mg/l	12	6.6	8.46083	11.9	7.90	6.90
Lead (Pb)	µg/l	12	< 0.5	0.575	1.4	0.50	0.50
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gamma-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.08	2.085	2.09		
Magnesium (Mg ⁺⁺)	mg/l	12	11.04	12.71425	15.91	12.283	13.919
Mercury (Hg)	µg/l	12	< 0.0075	0.01525	0.039	0.0075	0.032
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.00979	0.035	0.0075	0.0075
Nickel (Ni)	µg/l	12	1.2	2.25	3.9	1.90	3.70

Nickel (Ni), dissolved	µg/l	12	1	1.6	3	1.40	2.40
Nitrate (NO3-N)	mg/l	12	0.6	1.275	1.815	1.205	1.6925
Nitrite (NO2-N)	mg/l	12	0.0114	0.0181	0.0313	0.0151	0.029
Orthophosphate (PO4-P)	mg/l	12	0.0198	0.05145	0.0869	0.0518	0.0708
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	3.79	3.79	3.79		
Potassium (K+)	mg/l	12	1.1	1.71667	2.3	1.60	2.20
Sodium (Na+)	mg/l	12	9.1	16.625	23.5	14.20	22.50
Sulphate (SO4--)	mg/l	12	19.684	25.38808	33.496	24.253	31.702

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River: Danube **Catchment:** 676150.0 km2 **2014**
Distance from mouth: 432 **Altitude:** 16 m **RO3**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Suspended solids	mg/l	12	10	66.33333	188	43.00	119.00
TOC	mg/l	12	1.24	1.98992	2.921	1.878	2.832
Temperature	°C	12	4.5	15.25	27	16.00	25.00
Total nitrogen	mg/l	12	0.946	1.60733	2.148	1.458	2.064
Total phosphorus	mg/l	12	0.0268	0.0697	0.1185	0.0686	0.0954
Total phosphorus, dissolved	mg/l	12	0.022	0.05848	0.1015	0.0575	0.0795
Zinc (Zn)	µg/l	12	< 5	< 5	< 5	5.00	5.00
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	6.72	7.95	8.64	8.03	7.47

River: Danube **Catchment:** 676150.0 km² **2014**
Distance from mouth: 432 **Altitude:** 16 m **RO3**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	23	25.20833	27.3	25.00	27.30
Alkalinity - total	mmol/l	12	3.106	3.55317	4.212	3.387	4.016
Ammonium (NH ₄ -N)	mg/l	12	0.0153	0.04106	0.083	0.0324	0.0616
Anionic active surfactants	mg/l	12	0.247	0.26942	0.29	0.264	0.289
Arsenic (As), dissolved	µg/l	12	< 0.5	0.84167	2.1	0.50	1.70
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	3.5	4.345	5	4.30	5.00
COD (Cr)	mg/l	12	23.06	29.13583	34.39	29.30	33.26
COD (Mn)	mg/l	12	5.12	5.91083	6.72	5.76	6.65
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.16125	0.29	0.075	0.29
Calcium (Ca ⁺⁺)	mg/l	12	54.51	62.41833	74.69	59.44	70.48
Chloride (Cl ⁻)	mg/l	12	14.392	23.34092	34.922	23.027	33.299
Chromium (Cr), total	µg/l	12	< 0.25	0.3575	0.62	0.25	0.57
Conductivity	µS/cm	12	334	377.08333	447	376.00	419.00
Copper (Cu), dissolved	µg/l	12	0.7	1.3725	2.6	1.10	2.00
Dissolved oxygen	mg/l	12	6.9	8.77	12.2	8.20	7.20
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	12	10.9	12.48192	14.93	11.88	14.096
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.02392	0.131	0.0075	0.041
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.375	2.9	1.30	1.80
Nitrate (NO ₃ -N)	mg/l	12	0.5975	1.22667	1.7525	1.2275	1.62
Nitrite (NO ₂ -N)	mg/l	12	0.0113	0.01758	0.0308	0.0148	0.028
Orthophosphate (PO ₄ -P)	mg/l	12	0.0183	0.04958	0.0821	0.0495	0.0671
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	3.31	4.025	4.74		
Potassium (K ⁺)	mg/l	12	1	1.475	1.9	1.40	1.90
Sodium (Na ⁺)	mg/l	12	8.9	15.025	21.8	13.60	21.80
Sulphate (SO ₄ ⁻⁻)	mg/l	12	19.267	25.41725	33.064	24.555	31.506
Suspended solids	mg/l	12	8	58.91667	162	40.00	112.00
TOC	mg/l	12	1.148	1.84683	2.821	1.689	2.487
Temperature	°C	12	4	15.04167	27	15.00	25.00
Total nitrogen	mg/l	12	0.9516	1.59238	2.219	1.557	1.982
Total phosphorus	mg/l	12	0.0249	0.06772	0.118	0.0654	0.0885
Total phosphorus, dissolved	mg/l	12	0.0208	0.0564	0.0935	0.056	0.0739
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00

River: Danube **Catchment:** 676150.0 km² **2014**
Distance from mouth: 432 **Altitude:** 16 m **RO3**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	21.5	25.16667	27.8	24.80	27.20
Alkalinity - total	mmol/l	12	3.006	3.47625	4.192	3.37	3.916
Ammonium (NH ₄ -N)	mg/l	13	< 0.0075	0.04125	0.101	0.0353	0.0624
Anionic active surfactants	mg/l	12	0.228	0.25492	0.282	0.257	0.282
Arsenic (As), dissolved	µg/l	12	< 0.5	1.23333	2.7	1.10	1.90
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	13	1.92	3.93692	4.8	4.10	4.60
COD (Cr)	mg/l	12	29.87	36.56417	46.89	34.70	45.64
COD (Mn)	mg/l	12	4.48	5.475	6.52	5.44	6.14
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.15292	0.29	0.075	0.29
Calcium (Ca ⁺⁺)	mg/l	12	52.75	61.01875	73.71	59.143	68.725
Chloride (Cl ⁻)	mg/l	12	14.752	21.46242	31.747	22.058	28.566
Chromium (Cr), total	µg/l	12	< 0.25	0.42083	1.1	0.25	0.58
Conductivity	µS/cm	12	321	369.5	449	371.00	401.00
Copper (Cu), dissolved	µg/l	12	0.75	1.6475	3.4	1.50	2.30
Dissolved oxygen	mg/l	12	6.7	8.39083	11.5	7.90	6.80
Lead (Pb), dissolved	µg/l	12	< 0.5	0.55833	1.2	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	12	10.55	12.20217	14.74	11.828	13.745
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.02967	0.239	0.0075	0.042
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.71667	4.2	1.50	2.30
Nitrate (NO ₃ -N)	mg/l	13	0.675	1.25962	1.77	1.285	1.6725
Nitrite (NO ₂ -N)	mg/l	13	0.011	0.02745	0.151	0.0143	0.0304
Orthophosphate (PO ₄ -P)	mg/l	13	0.0204	0.04995	0.0804	0.0454	0.0749
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	4.26	4.495	4.73		
Potassium (K ⁺)	mg/l	12	1.3	1.56667	2	1.50	1.80
Sodium (Na ⁺)	mg/l	12	10.2	14.94167	21.3	13.80	20.10
Sulphate (SO ₄ ⁻⁻)	mg/l	12	19.862	25.60367	32.36	24.76	32.155
Suspended solids	mg/l	13	9	53.69231	156	36.00	108.00
TOC	mg/l	12	1.203	1.9525	2.905	1.815	2.847
Temperature	°C	13	4	14.96154	27.5	16.00	26.00
Total nitrogen	mg/l	13	1.02	1.63208	2.125	1.618	2.042
Total phosphorus	mg/l	13	0.0278	0.07115	0.1099	0.0708	0.1024
Total phosphorus, dissolved	mg/l	13	0.0236	0.05838	0.093	0.055	0.0864
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00

p,p'-DDT

µg/l

12 < 0.0025 < 0.0025 < 0.0025 0.0025 0.0025

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River: Danube Catchment: 676150.0 km2 2014
Distance from mouth: 432 Altitude: 16 m RO3
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
pH	-	12	6.45	7.94083	8.57	8.06	7.53

River: Danube **Catchment:** 698600.0 km² **2014**
Distance from mouth: 375 **Altitude:** 13 m **RO4**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.77	3.18818	3.71	3.15	3.52
Ammonium (NH ₄ -N)	mg/l	26	< 0.0075	0.06761	0.286	0.053	0.144
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As), dissolved	µg/l	12	1.2	1.8	2.1	1.80	2.10
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	26	0.76	1.40231	4.02	1.10	2.07
COD (Cr)	mg/l	12	17.65	22.94667	29.91	21.38	29.42
COD (Mn)	mg/l	12	2.13	3.7875	5.23	3.41	4.96
Cadmium (Cd)	µg/l	11	< 0.075	0.10019	0.2347	0.075	0.1924
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.10496	0.4345	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	11	36.4	48.98182	60	47.60	59.40
Chloride (Cl ⁻)	mg/l	12	14.71	21.8625	26.99	21.66	25.44
Chromium (Cr), total	µg/l	12	< 0.25	1.88033	9.075	0.25	6.534
Conductivity	µS/cm	12	346	424.33333	517	425.00	479.00
Copper (Cu), dissolved	µg/l	12	1.239	3.72285	11.94	2.763	5.376
Dissolved oxygen	mg/l	25	7.13	9.2784	11.54	9.08	7.70
Flow	m ³ /s	365	3420	6901.0958	13100	6670.00	9750.00
Lead (Pb)	µg/l	12	1.973	2.46664	7.8967	1.973	1.973
Lead (Pb), dissolved	µg/l	12	1.973	1.973	1.973	1.973	1.973
Lindane (gamma-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.28	2.295	2.31		
Magnesium (Mg ⁺⁺)	mg/l	11	8	14.32727	22.2	13.80	17.60
Mercury (Hg)	µg/l	10	< 0.0075	0.0285	0.099	0.099	0.099
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.02233	0.06	0.015	0.046
Nickel (Ni)	µg/l	12	< 0.5	2.73663	10.01	2.27	3.84
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.49783	3.538	1.469	2.31
Nitrate (NO ₃ -N)	mg/l	26	0.426	1.39909	2.955	1.22	2.08
Nitrite (NO ₂ -N)	mg/l	26	0.006	0.02133	0.055	0.019	0.033
Orthophosphate (PO ₄ -P)	mg/l	26	< 0.0035	0.04106	0.067	0.048	0.061
Petroleum hydrocarbons	mg/l	3	< 0.0625	0.19333	0.3155		
Phenol index	mg/l	4	< 0.0025	0.00313	0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	2.36	6.695	11.03		
Sulphate (SO ₄ ⁻⁻)	mg/l	4	11.44	30.8125	44.92	44.92	44.92
Suspended solids	mg/l	26	4	27.96538	95	22.00	74.00
Temperature	°C	26	3.5	14.91923	27.5	16.10	24.40
Total nitrogen	mg/l	26	1.03	1.79592	3.2	1.74	2.68
Total phosphorus	mg/l	26	0.038	0.07302	0.142	0.068	0.11

River: Danube **Catchment:** 698600.0 km² **2014**
Distance from mouth: 375 **Altitude:** 13 m **RO4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.87	3.22636	3.74	3.17	3.63
Ammonium (NH ₄ -N)	mg/l	26	< 0.0075	0.05919	0.256	0.051	0.118
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As), dissolved	µg/l	12	1.4	1.90833	2.4	1.80	2.30
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	26	0.71	1.31846	3.98	1.12	2.25
COD (Cr)	mg/l	12	19.44	23.19667	31.49	21.65	27.91
COD (Mn)	mg/l	12	2.13	3.68833	5.66	3.54	4.94
Cadmium (Cd)	µg/l	10	< 0.075	0.10389	0.257	0.257	0.257
Cadmium (Cd), dissolved	µg/l	11	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	11	40	48.97273	63.4	47.60	56.00
Chloride (Cl ⁻)	mg/l	12	13.68	19.1875	25.44	18.47	23.38
Chromium (Cr), total	µg/l	12	< 0.25	1.54917	10.19	0.25	2.265
Conductivity	µS/cm	12	343	417.08333	513	417.00	474.00
Copper (Cu), dissolved	µg/l	12	0.6025	3.33689	7.347	2.5395	5.268
Dissolved oxygen	mg/l	26	7.51	9.35962	11.89	9.08	7.65
Flow	m ³ /s	365	3420	6901.0958	13100	6670.00	9750.00
Lead (Pb)	µg/l	12	1.973	2.22223	4.9637	1.973	1.973
Lead (Pb), dissolved	µg/l	12	1.973	2.18008	4.458	1.973	1.973
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	11	8.2	13.81818	21.2	13.80	19.00
Mercury (Hg)	µg/l	10	< 0.0075	0.0305	0.079	0.079	0.079
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.04017	0.249	0.0075	0.061
Nickel (Ni)	µg/l	12	< 0.5	1.85825	4.77	1.65	2.594
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.46883	4.597	1.262	2.146
Nitrate (NO ₃ -N)	mg/l	26	0.446	1.40645	2.92	1.30	1.89
Nitrite (NO ₂ -N)	mg/l	26	0.007	0.0167	0.037	0.015	0.028
Orthophosphate (PO ₄ -P)	mg/l	26	< 0.0035	0.04375	0.073	0.047	0.063
Petroleum hydrocarbons	mg/l	3	< 0.0625	0.19437	0.3004		
Phenol index	mg/l	4	< 0.0025	0.00313	0.005	0.005	0.005
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	7.08	8.85	10.62		
Sulphate (SO ₄ ⁻⁻)	mg/l	4	34.7	41.6925	50.95	50.95	50.95
Suspended solids	mg/l	26	5	24.20769	84	19.00	64.00
Temperature	°C	26	3.3	14.78462	27.3	16.00	24.30
Total nitrogen	mg/l	26	1.07	1.80873	3.014	1.83	2.40
Total phosphorus	mg/l	26	0.034	0.07023	0.129	0.068	0.105
Total phosphorus, dissolved	mg/l	18	0.022	0.06472	0.106	0.068	0.099

River: Danube **Catchment:** 698600.0 km² **2014**
Distance from mouth: 375 **Altitude:** 13 m **RO4**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.82	3.26636	3.74	3.18	3.63
Ammonium (NH ₄ -N)	mg/l	26	< 0.0075	0.06671	0.425	0.048	0.106
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As), dissolved	µg/l	12	1.4	2.04167	2.5	2.00	2.40
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	26	0.84	1.39423	3.96	1.14	2.00
COD (Cr)	mg/l	12	19.61	24.17333	29.91	23.54	27.55
COD (Mn)	mg/l	11	2.28	3.77	5.38	3.84	5.00
Cadmium (Cd)	µg/l	11	< 0.075	0.13018	0.374	0.075	0.2495
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.11163	0.4226	0.075	0.1669
Calcium (Ca ⁺⁺)	mg/l	11	30.8	48.8	67	48.00	60.00
Chloride (Cl ⁻)	mg/l	12	14.02	19.35917	27.51	17.44	24.07
Chromium (Cr), total	µg/l	12	< 0.25	1.52142	9.942	0.25	1.617
Conductivity	µS/cm	12	105	394.58333	510	418.00	475.00
Copper (Cu), dissolved	µg/l	12	1.736	3.56206	5.834	3.29	4.916
Dissolved oxygen	mg/l	26	7.07	9.32731	11.58	9.25	7.68
Flow	m ³ /s	365	3420	6901.0958	13100	6670.00	9750.00
Lead (Pb)	µg/l	12	1.973	2.36283	4.53	1.973	4.094
Lead (Pb), dissolved	µg/l	12	1.973	1.973	1.973	1.973	1.973
Lindane (gamma-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.16	2.23	2.3		
Magnesium (Mg ⁺⁺)	mg/l	11	9.2	14.45455	25.6	12.80	17.60
Mercury (Hg)	µg/l	9	< 0.0075	0.02717	0.072	0.072	0.072
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.02775	0.084	0.0075	0.07
Nickel (Ni)	µg/l	12	< 0.5	2.13697	5.735	1.7466	3.926
Nickel (Ni), dissolved	µg/l	12	< 0.5	1.32933	3.272	0.50	2.771
Nitrate (NO ₃ -N)	mg/l	26	0.453	1.44075	2.83	1.37	2.29
Nitrite (NO ₂ -N)	mg/l	26	0.009	0.0179	0.039	0.016	0.029
Orthophosphate (PO ₄ -P)	mg/l	26	< 0.0035	0.04485	0.085	0.048	0.069
Petroleum hydrocarbons	mg/l	3	< 0.0625	0.237	0.4214		
Phenol index	mg/l	4	< 0.0025	0.00563	0.015	0.015	0.015
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	< 0.0015	5.49075	10.98		
Sulphate (SO ₄ ⁻⁻)	mg/l	4	24.7	37.16	47.68	47.68	47.68
Suspended solids	mg/l	26	4	25.12308	97	19.00	58.00
Temperature	°C	26	3.3	14.87692	27.6	16.00	24.50
Total nitrogen	mg/l	26	1.09	1.83677	2.94	1.79	2.77
Total phosphorus	mg/l	26	0.039	0.07358	0.138	0.071	0.107

River: Danube **Catchment:** 805/00.0 n km2 **2014**
Distance from mouth: 132 **Altitude:** 4 m **RO5**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.7	3.15833	3.55	3.18	3.42
Ammonium (NH4-N)	mg/l	26	< 0.0075	0.08369	0.185	0.071	0.161
Anionic active surfactants	mg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	2	2.29167	2.6	2.30	2.50
Arsenic (As), dissolved	µg/l	12	1.5	1.90833	2.1	1.90	2.10
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	26	0.96	1.715	2.91	1.72	2.34
COD (Cr)	mg/l	12	6.14	12.72667	19.78	11.36	19.39
COD (Mn)	mg/l	12	3.26	4.0925	4.67	4.16	4.41
Cadmium (Cd)	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca++)	mg/l	12	46.72	56.94833	70.89	55.31	68.94
Chloride (Cl-)	mg/l	12	14.4	21.1175	25.71	21.30	25.60
Chromium (Cr) - total	µg/l	12	0.65	3.2705	8.88	1.36	7.33
Chromium (Cr), total	µg/l	12	< 0.25	0.615	1.79	0.25	1.61
Conductivity	µS/cm	12	366	415.91667	479	399.00	473.00
Copper (Cu)	µg/l	12	4.585	7.97542	11.4	8.26	10.26
Copper (Cu), dissolved	µg/l	12	2.09	4.3375	7.26	3.78	6.69
Dissolved oxygen	mg/l	26	6.99	9.92423	13.65	9.43	7.56
Flow	m3/s	365	3600	7445.5068	14080	7080.00	10520.00
Lead (Pb)	µg/l	12	< 0.5	1.50083	3.36	1.58	2.20
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg++)	mg/l	12	11.19	13.74083	17.91	12.65	16.62
Mercury (Hg)	µg/l	12	< 0.0075	0.00854	0.02	0.0075	0.0075
Mercury (Hg), dissolved	µg/l	12	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Nickel (Ni)	µg/l	12	< 0.5	2.09833	4.03	1.91	3.45
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.75833	1.49	0.50	1.11
Nitrate (NO3-N)	mg/l	26	0.739	1.24281	2.07	1.20	1.641
Nitrite (NO2-N)	mg/l	26	0.011	0.02077	0.039	0.02	0.032
Orthophosphate (PO4-P)	mg/l	26	0.014	0.05558	0.084	0.06	0.07
Petroleum hydrocarbons	mg/l	11	< 0.0625	0.15753	0.4312	0.0625	0.343
Phenol index	mg/l	11	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	< 0.0015	8.06525	25.58	25.58	25.58
Potassium (K+)	mg/l	1	2.8	2.8	2.8		
Silicates(SiO2), dissolved	mg/l	26	2.16	3.555	4.44	3.76	4.23
Sodium (Na+)	mg/l	1	18	18	18		

Sulphate (SO4--)mg/l1215.9328.3633347.3626.7539.06

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River: Danube **Catchment:** 805/00.0
Distance from mouth: 132 **Altitude:** n km2 2014
Location: Left 4 m RO5

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Suspended solids	mg/l	26	10.8	44.66154	207.6	25.20	90.40
Temperature	°C	26	1	13.95769	26	14.50	24.50
Total nitrogen	mg/l	26	1.135	1.75369	2.71	1.661	2.20
Total phosphorus	mg/l	26	0.074	0.11873	0.271	0.106	0.193
Total phosphorus, dissolved	mg/l	14	0.062	0.08064	0.104	0.08	0.094
Zinc (Zn)	µg/l	12	< 5	12.08333	60	5.00	15.00
Zinc (Zn), dissolved	µg/l	12	< 5	6.66667	15	5.00	15.00
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.72	8.13333	8.46	8.13	7.95

River: Danube **Catchment:** 805/00.0 n km2 **2014**
Distance from mouth: 132 **Altitude:** 4 m **RO5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.73	3.11	3.44	3.13	3.42
Ammonium (NH4-N)	mg/l	26	< 0.0075	0.07815	0.179	0.064	0.158
Anionic active surfactants	mg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	1.9	2.28333	2.5	2.30	2.50
Arsenic (As), dissolved	µg/l	12	1.6	1.95	2.4	1.90	2.10
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	26	0.86	1.72385	2.87	1.75	2.41
COD (Cr)	mg/l	12	5.38	12.6675	19.79	11.76	19.59
COD (Mn)	mg/l	12	3.2	4.045	4.54	4.09	4.48
Cadmium (Cd)	µg/l	12	< 0.075	0.10958	0.49	0.075	0.075
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca++)	mg/l	12	46.72	56.1475	70.09	54.51	67.33
Chloride (Cl-)	mg/l	12	13.64	20.7375	26.49	20.20	25.60
Chromium (Cr) - total	µg/l	12	0.594	2.82283	8.39	1.36	7.31
Chromium (Cr), total	µg/l	12	< 0.25	0.56342	1.84	0.25	1.10
Conductivity	µS/cm	12	359	411.91667	472	395.00	465.00
Copper (Cu)	µg/l	12	5.36	8.1125	10.07	8.61	10.07
Copper (Cu), dissolved	µg/l	12	2.19	4.21	6.35	4.62	5.09
Dissolved oxygen	mg/l	26	6.9	9.90538	13.83	9.46	7.51
Flow	m3/s	365	3600	7445.5068	14080	7080.00	10520.00
Lead (Pb)	µg/l	12	< 0.5	1.3375	3.36	1.21	2.22
Lead (Pb), dissolved	µg/l	12	< 0.5	0.54833	1.08	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.14	2.185	2.23		
Magnesium (Mg++)	mg/l	12	10.59	13.45583	18.39	12.22	16.13
Mercury (Hg)	µg/l	12	< 0.0075	0.01592	0.074	0.0075	0.042
Mercury (Hg), dissolved	µg/l	12	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Nickel (Ni)	µg/l	12	1.34	2.32333	4.04	2.01	3.77
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.77333	1.24	0.50	1.23
Nitrate (NO3-N)	mg/l	26	0.714	1.18769	1.74	1.13	1.69
Nitrite (NO2-N)	mg/l	26	0.011	0.02	0.037	0.019	0.03
Orthophosphate (PO4-P)	mg/l	26	0.012	0.05292	0.084	0.055	0.065
Petroleum hydrocarbons	mg/l	11	< 0.0625	0.17053	0.4343	0.1328	0.3603
Phenol index	mg/l	11	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	< 0.0015	4.98408	23.61	23.61	23.61
Potassium (K+)	mg/l	1	2.8	2.8	2.8		
Silicates(SiO2), dissolved	mg/l	26	2.03	3.47192	4.25	3.63	4.05

Sodium (Na+) mg/l 1 18 18 18

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River: Danube Catchment: 805/00.0 km2 2014
 Distance from mouth: 132 Altitude: 4 m RO5
 Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sulphate (SO4--)	mg/l	12	16.16	27.96083	44.37	25.62	38.21
Suspended solids	mg/l	26	9.6	43	200.8	24.00	89.20
Temperature	°C	26	1	14.03462	26.7	14.50	25.00
Total nitrogen	mg/l	26	1.017	1.68365	2.29	1.68	2.24
Total phosphorus	mg/l	26	0.07	0.11412	0.269	0.104	0.19
Total phosphorus, dissolved	mg/l	14	0.06	0.07721	0.1	0.077	0.089
Zinc (Zn)	µg/l	12	< 5	10.91667	65	5.00	16.00
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.77	8.11917	8.47	8.11	7.91

River: Danube **Catchment:** 805/00.0 n km2 **2014**
Distance from mouth: 132 **Altitude:** 4 m **RO5**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.67	3.12417	3.55	3.13	3.32
Ammonium (NH4-N)	mg/l	26	< 0.0075	0.07973	0.19	0.068	0.159
Anionic active surfactants	mg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	1.9	2.14167	2.5	2.20	2.40
Arsenic (As), dissolved	µg/l	12	1.5	1.85	2.1	1.80	2.00
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	26	0.92	1.72	2.94	1.75	2.35
COD (Cr)	mg/l	12	6.14	13.15417	20.18	11.76	20.17
COD (Mn)	mg/l	12	3.2	4.045	4.6	4.09	4.35
Cadmium (Cd)	µg/l	12	< 0.075	0.08875	0.24	0.075	0.075
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca++)	mg/l	12	45.11	56.11	68.94	53.17	67.67
Chloride (Cl-)	mg/l	12	14.4	20.77167	25.71	20.57	25.21
Chromium (Cr) - total	µg/l	12	0.553	3.06775	9.83	1.38	6.47
Chromium (Cr), total	µg/l	12	< 0.25	0.83417	3.86	0.25	1.82
Conductivity	µS/cm	12	371	415.33333	487	401.00	469.00
Copper (Cu)	µg/l	12	4.92	8.70817	12.26	8.59	10.44
Copper (Cu), dissolved	µg/l	12	2.12	4.12333	8.48	3.40	6.51
Dissolved oxygen	mg/l	26	6.95	9.94385	13.61	9.37	7.42
Flow	m3/s	365	3600	7445.5068	14080	7080.00	10520.00
Lead (Pb)	µg/l	12	< 0.5	1.36583	3.28	1.13	2.14
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.1	2.17	2.24		
Magnesium (Mg++)	mg/l	12	9.77	13.75333	17.91	12.71	17.60
Mercury (Hg)	µg/l	12	< 0.0075	0.01104	0.033	0.0075	0.016
Mercury (Hg), dissolved	µg/l	12	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Nickel (Ni)	µg/l	12	1.3	2.24167	4.07	1.94	3.68
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.6825	1.64	0.50	1.03
Nitrate (NO3-N)	mg/l	26	0.796	1.23665	2.219	1.18	1.67
Nitrite (NO2-N)	mg/l	26	0.012	0.02065	0.041	0.02	0.031
Orthophosphate (PO4-P)	mg/l	26	0.014	0.05512	0.086	0.058	0.068
Petroleum hydrocarbons	mg/l	11	< 0.0625	0.16547	0.3585	0.0625	0.3358
Phenol index	mg/l	11	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	< 0.0015	9.14692	22.43	22.43	22.43
Potassium (K+)	mg/l	1	2.8	2.8	2.8		
Silicates(SiO2), dissolved	mg/l	26	2.16	3.56808	4.37	3.71	4.21

Sodium (Na+) mg/l 1 18.1 18.1 18.1

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River: Danube Catchment: 805/00.0 km2 2014
 Distance from mouth: 132 Altitude: 4 m RO5
 Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sulphate (SO4--)	mg/l	12	16.18	27.61833	45.27	26.19	35.36
Suspended solids	mg/l	26	10.4	44.76923	219.6	24.80	90.00
Temperature	°C	26	1	14.05385	26.6	14.50	25.00
Total nitrogen	mg/l	26	1.1	1.7355	2.89	1.65	2.23
Total phosphorus	mg/l	26	0.072	0.11908	0.275	0.107	0.202
Total phosphorus, dissolved	mg/l	14	0.063	0.08036	0.106	0.08	0.09
Zinc (Zn)	µg/l	12	< 5	10.41667	59	5.00	16.00
Zinc (Zn), dissolved	µg/l	12	< 5	5.91667	16	5.00	5.00
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.84	8.12667	8.48	8.12	7.89

River: Danube **Catchment:** 817000.0 km² **2014**
Distance from mouth: 18 **Altitude:** 1 m **RO6**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.46	3.10833	3.6	3.07	3.53
Ammonium (NH ₄ -N)	mg/l	12	0.03	0.09217	0.183	0.089	0.172
Anionic active surfactants	mg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	1.5	2.21667	2.7	2.20	2.50
Arsenic (As), dissolved	µg/l	12	1.4	1.9	2.3	2.00	2.30
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	0.76	1.735	2.87	1.59	2.69
COD (Cr)	mg/l	12	7.12	13.3775	22.84	11.08	20.77
COD (Mn)	mg/l	12	3.64	4.1675	4.86	4.09	4.80
Cadmium (Cd)	µg/l	12	< 0.075	0.09833	0.24	0.075	0.19
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	49.95	58.31833	67.67	57.71	65.73
Chloride (Cl ⁻)	mg/l	12	16.3	23.16333	32.13	22.10	28.05
Chromium (Cr) - total	µg/l	12	0.65	2.07583	4.5	1.39	4.13
Chromium (Cr), total	µg/l	12	< 0.25	0.48833	2.8	0.25	0.56
Conductivity	µS/cm	12	376	430.66667	485	435.00	464.00
Copper (Cu)	µg/l	12	3.82	8.95917	13.79	8.05	13.08
Copper (Cu), dissolved	µg/l	12	1.43	3.00583	4.4	2.95	3.95
Dissolved oxygen	mg/l	12	5.7	9.6925	13.51	8.80	7.32
Lead (Pb)	µg/l	12	< 0.5	1.80167	3.99	1.69	3.35
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gamma-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg ⁺⁺)	mg/l	12	8.27	12.84417	20.43	12.65	15.56
Mercury (Hg)	µg/l	10	< 0.0075	0.01005	0.033	0.033	0.033
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.01167	0.038	0.0075	0.027
Nickel (Ni)	µg/l	12	< 0.5	2.46833	5.94	1.69	4.69
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.67	1.31	0.50	1.16
Nitrate (NO ₃ -N)	mg/l	12	0.59	1.18292	1.831	1.08	1.609
Nitrite (NO ₂ -N)	mg/l	12	0.011	0.02017	0.025	0.02	0.025
Orthophosphate (PO ₄ -P)	mg/l	12	0.026	0.05292	0.064	0.056	0.064
Petroleum hydrocarbons	mg/l	11	< 0.0625	0.18025	0.4432	0.1494	0.321
Phenol index	mg/l	11	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	5	2.36	5.544	13.77	13.77	13.77
Potassium (K ⁺)	mg/l	1	3.4	3.4	3.4		
Sodium (Na ⁺)	mg/l	1	21.4	21.4	21.4		
Sulphate (SO ₄ ⁻⁻)	mg/l	12	22.97	30.81	47.89	27.43	38.79
Suspended solids	mg/l	12	2.8	52.43333	115.2	48.80	96.80

Temperature °C 12 1.4 13.69167 26.2 12.80 23.00

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River: Danube Catchment: 817000.0 km2 2014
 Distance from mouth: 18 Altitude: 1 m RO6
 Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Total nitrogen	mg/l	12	1.326	1.72075	2.32	1.604	2.18
Total phosphorus	mg/l	12	0.082	0.12308	0.189	0.116	0.176
Total phosphorus, dissolved	mg/l	12	0.071	0.0845	0.108	0.084	0.094
Zinc (Zn)	µg/l	12	< 5	6.25	20	5.00	5.00
Zinc (Zn), dissolved	µg/l	12	< 5	6.16667	19	5.00	5.00
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.62	7.98083	8.19	8.01	7.72

River: Danube **Catchment:** 817000.0 km² **2014**
Distance from mouth: 18 **Altitude:** 1 m **RO6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.51	3.06083	3.5	2.97	3.46
Ammonium (NH ₄ -N)	mg/l	12	< 0.0075	0.08571	0.175	0.085	0.16
Anionic active surfactants	mg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	1.6	2.23333	2.9	2.20	2.60
Arsenic (As), dissolved	µg/l	12	1.4	1.99167	2.5	1.90	2.40
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	0.63	1.6575	2.82	1.71	2.64
COD (Cr)	mg/l	12	7.13	13.25417	22.45	11.48	20.37
COD (Mn)	mg/l	12	3.52	4.13667	4.86	4.03	4.80
Cadmium (Cd)	µg/l	12	< 0.075	0.0975	0.24	0.075	0.18
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	48.34	57.71667	67.67	56.91	64.93
Chloride (Cl ⁻)	mg/l	12	16.3	22.93583	32.5	22.10	28.05
Chromium (Cr) - total	µg/l	12	0.75	2.15167	4.59	1.41	4.49
Chromium (Cr), total	µg/l	12	< 0.25	0.50333	2.94	0.25	0.60
Conductivity	µS/cm	12	382	429.16667	493	430.00	469.00
Copper (Cu)	µg/l	12	4.7	8.68	12.38	8.56	11.93
Copper (Cu), dissolved	µg/l	12	2.06	3.18833	4.32	2.98	4.23
Dissolved oxygen	mg/l	12	5.5	9.69583	13.38	8.72	7.26
Lead (Pb)	µg/l	12	< 0.5	1.80583	3.61	1.48	3.34
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.12	2.125	2.13		
Magnesium (Mg ⁺⁺)	mg/l	12	7.3	12.575	18.48	12.22	15.56
Mercury (Hg)	µg/l	11	< 0.0075	0.01027	0.038	0.0075	0.0075
Mercury (Hg), dissolved	µg/l	12	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Nickel (Ni)	µg/l	12	< 0.5	2.49917	6.14	1.71	5.10
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.71583	1.28	0.50	1.19
Nitrate (NO ₃ -N)	mg/l	12	0.57	1.14158	1.749	1.08	1.51
Nitrite (NO ₂ -N)	mg/l	12	0.009	0.01908	0.025	0.019	0.024
Orthophosphate (PO ₄ -P)	mg/l	12	0.026	0.05008	0.061	0.052	0.06
Petroleum hydrocarbons	mg/l	11	< 0.0625	0.18749	0.5333	0.1318	0.3207
Phenol index	mg/l	11	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	5	< 0.0015	7.3943	19.67	19.67	19.67
Potassium (K ⁺)	mg/l	1	3.2	3.2	3.2		
Sodium (Na ⁺)	mg/l	1	21.3	21.3	21.3		
Sulphate (SO ₄ ⁻⁻)	mg/l	12	19.36	30.25833	47.78	26.64	38.33

River: Danube **Catchment:** 817000.0 km² **2014**
Distance from mouth: 18 **Altitude:** 1 m **RO6**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.46	3.07083	3.52	3.07	3.50
Ammonium (NH ₄ -N)	mg/l	12	< 0.0075	0.08821	0.185	0.083	0.167
Anionic active surfactants	mg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	1.4	2.21667	2.8	2.10	2.60
Arsenic (As), dissolved	µg/l	12	1.4	1.90833	2.4	1.80	2.20
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	0.6	1.72667	3	1.62	2.98
COD (Cr)	mg/l	12	6.73	13.60917	22.84	11.87	21.16
COD (Mn)	mg/l	12	3.58	4.15	4.92	4.03	4.73
Cadmium (Cd)	µg/l	12	< 0.075	0.12292	0.35	0.075	0.28
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	48.34	57.84667	66.86	56.39	65.73
Chloride (Cl ⁻)	mg/l	12	15.92	23.21167	32.13	22.49	28.54
Chromium (Cr) - total	µg/l	12	0.7	2.38583	7.15	1.41	4.56
Chromium (Cr), total	µg/l	12	< 0.25	0.39558	1.05	0.25	0.797
Conductivity	µS/cm	12	380	427.83333	479	425.00	466.00
Copper (Cu)	µg/l	12	5.08	8.7775	18.37	6.96	12.71
Copper (Cu), dissolved	µg/l	12	1.37	3.1225	4.58	2.94	4.37
Dissolved oxygen	mg/l	12	5.49	9.66333	13.72	8.87	7.18
Lead (Pb)	µg/l	12	< 0.5	1.81083	3.98	1.47	3.08
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.1	2.12	2.14		
Magnesium (Mg ⁺⁺)	mg/l	12	7.78	12.6025	18.48	12.65	15.56
Mercury (Hg)	µg/l	11	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Mercury (Hg), dissolved	µg/l	12	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Nickel (Ni)	µg/l	12	< 0.5	2.42417	6.14	1.64	4.79
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.63417	1.32	0.50	1.29
Nitrate (NO ₃ -N)	mg/l	12	0.549	1.19083	1.77	1.105	1.609
Nitrite (NO ₂ -N)	mg/l	12	0.009	0.01917	0.024	0.02	0.024
Orthophosphate (PO ₄ -P)	mg/l	12	0.024	0.05175	0.062	0.056	0.061
Petroleum hydrocarbons	mg/l	11	< 0.0625	0.18277	0.4354	0.0625	0.3601
Phenol index	mg/l	11	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	5	3.54	5.198	9.08	9.08	9.08
Potassium (K ⁺)	mg/l	1	3.2	3.2	3.2		
Sodium (Na ⁺)	mg/l	1	21.3	21.3	21.3		
Sulphate (SO ₄ ⁻⁻)	mg/l	12	21.51	29.44583	47.44	26.41	38.73

River: Danube Catchment: 817000.0 km2 2014
 Distance from mouth: 0 Altitude: 1 m RO7
 Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.62	3.11333	3.6	3.07	3.58
Ammonium (NH4-N)	mg/l	12	< 0.0075	0.09579	0.284	0.081	0.176
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	1.8	2.20833	2.8	2.10	2.50
Arsenic (As), dissolved	µg/l	12	1.5	1.81667	2.4	1.60	2.10
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	< 0.25	1.60667	3.31	1.71	2.46
COD (Cr)	mg/l	12	7.12	14.84333	22.5	14.25	21.29
COD (Mn)	mg/l	12	3.26	4.075	4.67	4.09	4.60
Cadmium (Cd)	µg/l	12	< 0.075	0.12875	0.45	0.075	0.23
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca++)	mg/l	12	49.7	58.5175	70.89	59.82	67.33
Chloride (Cl-)	mg/l	12	17.89	23.225	27.57	23.38	26.74
Chromium (Cr) - total	µg/l	12	0.59	1.62833	3.17	1.44	2.66
Chromium (Cr), total	µg/l	12	< 0.25	0.53333	3.07	0.25	0.83
Conductivity	µS/cm	12	378	423.33333	474	421.00	472.00
Copper (Cu)	µg/l	12	3.52	9.79333	22.47	7.32	14.90
Copper (Cu), dissolved	µg/l	12	1.66	3.12083	4.27	3.18	4.06
Dissolved oxygen	mg/l	12	6.34	9.295	12.53	8.11	6.83
Lead (Pb)	µg/l	12	< 0.5	1.65417	3.34	1.29	3.16
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.1	2.1	2.1		
Magnesium (Mg++)	mg/l	12	8.27	12.3525	22.26	10.75	15.08
Mercury (Hg)	µg/l	11	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Mercury (Hg), dissolved	µg/l	12	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Nickel (Ni)	µg/l	12	< 0.5	2.4525	4.83	1.78	4.62
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.615	1.33	0.50	1.05
Nitrate (NO3-N)	mg/l	12	0.45	1.11292	1.869	1.101	1.449
Nitrite (NO2-N)	mg/l	12	0.003	0.01792	0.028	0.018	0.027
Orthophosphate (PO4-P)	mg/l	12	< 0.0035	0.04579	0.071	0.051	0.062
Petroleum hydrocarbons	mg/l	4	< 0.0625	0.17845	0.3008	0.3008	0.3008
Phenol index	mg/l	4	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	< 0.0015	11.80075	23.6		
Potassium (K+)	mg/l	1	2.8	2.8	2.8		
Sodium (Na+)	mg/l	1	17.6	17.6	17.6		
Sulphate (SO4--)	mg/l	5	31.89	37.106	44.49	44.49	44.49

River: Danube **Catchment:** 817000.0 km² **2014**
Distance from mouth: 0 **Altitude:** 1 m **RO7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.57	3.06583	3.48	2.97	3.41
Ammonium (NH ₄ -N)	mg/l	12	< 0.0075	0.08575	0.267	0.078	0.173
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	1.8	2.175	2.6	2.10	2.50
Arsenic (As), dissolved	µg/l	12	1.4	1.825	2.3	1.80	2.20
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	0.52	1.70333	3.24	1.70	2.33
COD (Cr)	mg/l	12	6.73	14.25833	21.33	13.45	20.52
COD (Mn)	mg/l	12	3.2	4.0075	4.67	3.96	4.54
Cadmium (Cd)	µg/l	12	< 0.075	0.12125	0.22	0.075	0.19
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	48.1	57.7175	69.28	57.43	68.14
Chloride (Cl ⁻)	mg/l	12	17.16	22.65833	27.57	22.63	26.35
Chromium (Cr) - total	µg/l	12	0.58	1.57833	3.05	1.43	2.68
Chromium (Cr), total	µg/l	12	< 0.25	0.30917	0.96	0.25	0.25
Conductivity	µS/cm	12	378	422.58333	475	410.00	472.00
Copper (Cu)	µg/l	12	5.23	8.35583	14.38	7.18	12.05
Copper (Cu), dissolved	µg/l	12	1.69	3.23917	4.24	3.10	4.24
Dissolved oxygen	mg/l	12	6.22	9.3225	12.63	8.16	6.76
Lead (Pb)	µg/l	12	< 0.5	1.74917	4.09	1.47	3.44
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.07	2.1	2.13		
Magnesium (Mg ⁺⁺)	mg/l	12	8.75	12.43417	22.26	10.75	14.59
Mercury (Hg)	µg/l	11	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.00938	0.03	0.0075	0.0075
Nickel (Ni)	µg/l	12	< 0.5	2.49667	4.53	1.79	4.27
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.70583	1.65	0.50	1.20
Nitrate (NO ₃ -N)	mg/l	12	0.425	1.06167	1.84	0.949	1.37
Nitrite (NO ₂ -N)	mg/l	12	0.003	0.01733	0.027	0.017	0.026
Orthophosphate (PO ₄ -P)	mg/l	12	< 0.0035	0.04279	0.068	0.045	0.061
Petroleum hydrocarbons	mg/l	4	< 0.0625	0.24385	0.4823	0.4823	0.4823
Phenol index	mg/l	4	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	2.36	21.835	41.31		
Potassium (K ⁺)	mg/l	1	2.7	2.7	2.7		
Sodium (Na ⁺)	mg/l	1	17.6	17.6	17.6		
Sulphate (SO ₄ ⁻⁻)	mg/l	5	30.21	38.316	46.51	46.51	46.51

River: Danube **Catchment:** 817000.0 km² **2014**
Distance from mouth: 0 **Altitude:** 1 m **RO7**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.52	3.06583	3.5	2.92	3.48
Ammonium (NH ₄ -N)	mg/l	12	< 0.0075	0.09017	0.291	0.075	0.179
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	1.9	2.19167	2.5	2.10	2.40
Arsenic (As), dissolved	µg/l	12	1.6	1.84167	2.1	1.80	2.10
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	0.6	1.7325	3.27	1.64	2.69
COD (Cr)	mg/l	12	7.52	15.04417	22.11	13.85	21.29
COD (Mn)	mg/l	12	3.2	4.0025	4.73	4.03	4.60
Cadmium (Cd)	µg/l	12	< 0.075	0.11708	0.31	0.075	0.23
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.08625	0.21	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	49.7	58.11417	69.28	57.71	68.94
Chloride (Cl ⁻)	mg/l	12	17.52	22.62417	26.78	22.77	25.60
Chromium (Cr) - total	µg/l	12	0.58	1.68708	3.1	1.615	2.79
Chromium (Cr), total	µg/l	12	< 0.25	0.60658	1.97	0.25	1.75
Conductivity	µS/cm	12	378	419.83333	479	413.00	460.00
Copper (Cu)	µg/l	12	3.15	8.17167	13.7	7.28	13.59
Copper (Cu), dissolved	µg/l	12	1.85	3.42083	4.83	3.42	4.27
Dissolved oxygen	mg/l	12	6.26	9.31083	12.53	8.10	6.89
Lead (Pb)	µg/l	12	< 0.5	1.75417	3.69	1.36	3.46
Lead (Pb), dissolved	µg/l	12	< 0.5	0.61333	1.86	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.13	2.13	2.13		
Magnesium (Mg ⁺⁺)	mg/l	12	7.78	12.43583	21.78	11.73	14.59
Mercury (Hg)	µg/l	11	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.00946	0.031	0.0075	0.0075
Nickel (Ni)	µg/l	12	< 0.5	2.39083	4.75	1.82	4.56
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.61917	1.34	0.50	1.09
Nitrate (NO ₃ -N)	mg/l	12	0.441	1.11833	1.799	1.051	1.55
Nitrite (NO ₂ -N)	mg/l	12	0.003	0.01767	0.029	0.017	0.027
Orthophosphate (PO ₄ -P)	mg/l	12	< 0.0035	0.04454	0.069	0.046	0.063
Petroleum hydrocarbons	mg/l	4	< 0.0625	0.2065	0.3453	0.3453	0.3453
Phenol index	mg/l	4	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	3.54	4.72	5.9		
Potassium (K ⁺)	mg/l	1	2.8	2.8	2.8		
Sodium (Na ⁺)	mg/l	1	17.5	17.5	17.5		
Sulphate (SO ₄ ⁻⁻)	mg/l	5	30.71	38.402	46.46	46.46	46.46

River: Danube **Catchment:** 817000.0 km² **2014**
Distance from mouth: 0 **Altitude:** 1 m **RO8**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.83	3.16667	3.67	3.07	3.57
Ammonium (NH ₄ -N)	mg/l	12	< 0.0075	0.08938	0.181	0.082	0.176
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	1.8	2.15	2.6	2.00	2.60
Arsenic (As), dissolved	µg/l	12	1.4	1.775	2.2	1.60	2.20
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	0.66	1.3375	2.19	1.27	1.97
COD (Cr)	mg/l	12	6.33	13.44917	20.17	11.08	18.97
COD (Mn)	mg/l	12	3.45	3.92583	4.28	3.96	4.22
Cadmium (Cd)	µg/l	12	< 0.075	0.16292	0.63	0.075	0.42
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	49.14	59.12083	74.92	56.91	72.14
Chloride (Cl ⁻)	mg/l	12	16.3	22.39417	25.21	22.60	25.21
Chromium (Cr) - total	µg/l	12	< 0.25	1.48842	5.36	1.15	2.07
Chromium (Cr), total	µg/l	12	< 0.25	0.467	1.93	0.25	0.814
Conductivity	µS/cm	12	366	424.25	480	416.00	480.00
Copper (Cu)	µg/l	12	3.01	8.16583	14.3	7.68	11.91
Copper (Cu), dissolved	µg/l	12	1.73	3.24667	5.62	3.02	5.19
Dissolved oxygen	mg/l	12	6.21	9.67	13.31	8.78	7.59
Lead (Pb)	µg/l	12	< 0.5	1.225	2.96	0.50	2.52
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.04	2.05	2.06		
Magnesium (Mg ⁺⁺)	mg/l	12	5.38	11.99083	14.44	12.65	14.10
Mercury (Hg)	µg/l	12	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Mercury (Hg), dissolved	µg/l	12	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Nickel (Ni)	µg/l	12	< 0.5	1.99167	3.52	1.75	3.50
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.66583	1.25	0.50	1.23
Nitrate (NO ₃ -N)	mg/l	12	0.454	1.1895	1.679	1.209	1.641
Nitrite (NO ₂ -N)	mg/l	12	0.013	0.0215	0.034	0.02	0.029
Orthophosphate (PO ₄ -P)	mg/l	12	0.02	0.05258	0.063	0.056	0.062
Petroleum hydrocarbons	mg/l	4	< 0.0625	0.1409	0.3761	0.3761	0.3761
Phenol index	mg/l	4	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	4.72	6.49	8.26		
Potassium (K ⁺)	mg/l	1	2.7	2.7	2.7		
Sodium (Na ⁺)	mg/l	1	18.6	18.6	18.6		
Sulphate (SO ₄ ⁻⁻)	mg/l	5	27.78	32.86	36.21	36.21	36.21

Suspended solids mg/l 12 5.6 45.68333 126 28.00 102.00

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River: Danube Catchment: 817000.0 km2 2014
 Distance from mouth: 0 Altitude: 1 m RO8
 Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Temperature	°C	12	1.6	14.325	26	13.20	25.00
Total nitrogen	mg/l	12	1.161	1.677	2.26	1.592	2.14
Total phosphorus	mg/l	12	0.072	0.10983	0.147	0.109	0.145
Total phosphorus, dissolved	mg/l	12	0.063	0.0815	0.099	0.081	0.099
Zinc (Zn)	µg/l	12	< 5	23	128	5.00	63.00
Zinc (Zn), dissolved	µg/l	12	< 5	7.66667	17	5.00	15.00
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.89	8.00083	8.11	7.97	7.92

River: Danube Catchment: 817000.0 km2 2014
 Distance from mouth: 0 Altitude: 1 m RO8
 Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.75	3.10333	3.67	3.07	3.46
Ammonium (NH4-N)	mg/l	12	< 0.0075	0.08417	0.175	0.082	0.17
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	1.8	2.125	2.5	2.00	2.50
Arsenic (As), dissolved	µg/l	12	1.4	1.81667	2.2	1.80	2.20
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	< 0.25	1.22417	2.15	1.17	1.77
COD (Cr)	mg/l	12	6.73	13.0875	19.39	10.29	18.58
COD (Mn)	mg/l	12	3.39	3.8475	4.28	3.77	4.16
Cadmium (Cd)	µg/l	12	< 0.075	0.11625	0.28	0.075	0.24
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca++)	mg/l	12	49.14	58.38583	74.92	56.11	70.54
Chloride (Cl-)	mg/l	12	15.92	22.015	24.42	22.99	24.42
Chromium (Cr) - total	µg/l	12	< 0.25	1.56283	5.46	1.24	2.19
Chromium (Cr), total	µg/l	12	< 0.25	0.51167	1.96	0.25	0.88
Conductivity	µS/cm	12	342	422.66667	484	416.00	478.00
Copper (Cu)	µg/l	12	3.05	8.765	19.27	7.30	13.61
Copper (Cu), dissolved	µg/l	12	1.95	3.48917	6.46	3.16	4.54
Dissolved oxygen	mg/l	12	6.1	9.61	13.22	8.69	7.47
Lead (Pb)	µg/l	12	< 0.5	1.24917	2.84	0.50	2.62
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.14	2.155	2.17		
Magnesium (Mg++)	mg/l	12	4.4	11.87	14.59	12.16	14.59
Mercury (Hg)	µg/l	12	< 0.0075	0.00921	0.028	0.0075	0.0075
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.00846	0.019	0.0075	0.0075
Nickel (Ni)	µg/l	12	< 0.5	2.04917	3.62	1.73	3.57
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.6275	1.34	0.50	1.19
Nitrate (NO3-N)	mg/l	12	0.47	1.1295	1.609	1.171	1.589
Nitrite (NO2-N)	mg/l	12	0.012	0.02092	0.036	0.02	0.029
Orthophosphate (PO4-P)	mg/l	12	0.022	0.049	0.06	0.05	0.06
Petroleum hydrocarbons	mg/l	4	< 0.0625	0.17273	0.251	0.251	0.251
Phenol index	mg/l	4	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	2.95	5.605	8.26		
Potassium (K+)	mg/l	1	2.8	2.8	2.8		
Sodium (Na+)	mg/l	1	18.4	18.4	18.4		
Sulphate (SO4--)	mg/l	5	27.18	35.73	48.5	48.50	48.50

Suspended solids mg/l 12 4.4 44.76667 128.4 27.20 100.00

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River: Danube Catchment: 817000.0 km2 2014
 Distance from mouth: 0 Altitude: 1 m RO8
 Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Temperature	°C	12	1.5	14.3	25.9	13.20	25.00
Total nitrogen	mg/l	12	1.117	1.61725	2.16	1.522	2.07
Total phosphorus	mg/l	11	0.071	0.10955	0.143	0.106	0.14
Total phosphorus, dissolved	mg/l	12	0.056	0.078	0.095	0.079	0.095
Zinc (Zn)	µg/l	12	< 5	23.41667	137	5.00	60.00
Zinc (Zn), dissolved	µg/l	12	< 5	7.75	18	5.00	15.00
p,p'-DDT	µg/l	12	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
pH	-	12	7.89	7.99083	8.1	7.98	7.94

River: Danube **Catchment:** 817000.0 km² **2014**
Distance from mouth: 0 **Altitude:** 1 m **RO8**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.73	3.10083	3.57	2.97	3.52
Ammonium (NH ₄ -N)	mg/l	12	< 0.0075	0.08625	0.177	0.082	0.176
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As)	µg/l	12	1.8	2.2	2.5	2.20	2.50
Arsenic (As), dissolved	µg/l	12	1.4	1.70833	2.1	1.60	1.90
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	0.72	1.33583	2.27	1.21	1.68
COD (Cr)	mg/l	12	7.13	13.51667	19.39	10.78	19.35
COD (Mn)	mg/l	12	3.32	3.8625	4.22	3.84	4.16
Cadmium (Cd)	µg/l	12	< 0.075	0.11917	0.44	0.075	0.24
Cadmium (Cd), dissolved	µg/l	12	< 0.075	< 0.075	< 0.075	0.075	0.075
Calcium (Ca ⁺⁺)	mg/l	12	49.95	58.11583	72.5	54.51	68.94
Chloride (Cl ⁻)	mg/l	12	16.3	22.1775	25.21	23.25	25.21
Chromium (Cr) - total	µg/l	12	< 0.25	1.74	6.11	1.43	2.69
Chromium (Cr), total	µg/l	12	< 0.25	0.56083	2.3	0.25	0.94
Conductivity	µS/cm	12	377	422.83333	486	416.00	479.00
Copper (Cu)	µg/l	12	3.16	9.3625	21.99	8.02	13.08
Copper (Cu), dissolved	µg/l	12	1.8	3.45083	6.2	3.12	5.12
Dissolved oxygen	mg/l	12	5.9	9.62917	13.49	8.74	7.53
Lead (Pb)	µg/l	12	< 0.5	1.24333	2.98	0.50	2.45
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gamma-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Macrozoobenthos sapr. index	-	2	2.08	2.11	2.14		
Magnesium (Mg ⁺⁺)	mg/l	12	6.35	12.1125	14.59	12.16	14.59
Mercury (Hg)	µg/l	12	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Mercury (Hg), dissolved	µg/l	12	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Nickel (Ni)	µg/l	12	< 0.5	1.99833	3.57	1.65	3.56
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.6675	1.18	0.50	1.17
Nitrate (NO ₃ -N)	mg/l	12	0.47	1.17992	1.67	1.209	1.629
Nitrite (NO ₂ -N)	mg/l	12	0.013	0.02158	0.037	0.02	0.03
Orthophosphate (PO ₄ -P)	mg/l	12	0.022	0.05125	0.063	0.053	0.063
Petroleum hydrocarbons	mg/l	4	< 0.0625	0.1059	0.2361	0.2361	0.2361
Phenol index	mg/l	4	< 0.0025	< 0.0025	< 0.0025	0.0025	0.0025
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	3.54	4.295	5.05		
Potassium (K ⁺)	mg/l	1	2.8	2.8	2.8		
Sodium (Na ⁺)	mg/l	1	18.5	18.5	18.5		
Sulphate (SO ₄ ⁻⁻)	mg/l	5	27.16	33.88	47.96	47.96	47.96

River: Arges **Catchment:** 12550.00 km2 **2014**
Distance from mouth: 0 **Altitude:** 14 m **RO9**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	11	25.3	27.57273	29.2	27.60	28.70
Alkalinity - total	mmol/l	12	2.565	3.18017	3.747	3.273	3.711
Ammonium (NH4-N)	mg/l	12	0.376	1.3955	2.746	1.4195	2.639
Anionic active surfactants	mg/l	12	0.421	0.45458	0.498	0.446	0.492
Arsenic (As), dissolved	µg/l	12	< 0.5	1.16667	1.8	1.20	1.70
Atrazine	µg/l	12	< 0.0175	< 0.0175	< 0.0175	0.0175	0.0175
BOD (5)	mg/l	12	2.8	4.25	5.5	4.50	5.30
COD (Cr)	mg/l	12	38.8	45.88583	61.88	42.28	58.62
COD (Mn)	mg/l	12	4.93	6.74667	8	6.72	7.68
Cadmium (Cd), dissolved	µg/l	12	< 0.075	0.14667	0.29	0.075	0.29
Calcium (Ca++)	mg/l	12	48.48	60.1405	70.81	61.859	70.58
Chloride (Cl-)	mg/l	12	29.002	35.29025	44.615	35.089	41.892
Chromium (Cr), total	µg/l	12	< 0.25	0.47417	0.81	0.25	0.71
Conductivity	µS/cm	12	366	416.5	473	393.00	464.00
Copper (Cu), dissolved	µg/l	12	0.56	1.3175	3.2	1.10	2.20
Dissolved oxygen	mg/l	12	5.2	6.81583	10.4	6.39	5.50
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.00425	< 0.00425	< 0.00425	0.0042	0.0042
Magnesium (Mg++)	mg/l	12	9.69	12.0185	14.16	12.372	14.02
Mercury (Hg), dissolved	µg/l	12	< 0.0075	0.03713	0.235	0.0075	0.057
Nickel (Ni), dissolved	µg/l	12	1	2.03333	3.3	2.10	2.60
Nitrate (NO3-N)	mg/l	12	0.376	0.75642	1.2775	0.56	1.1025
Nitrite (NO2-N)	mg/l	12	0.0186	0.06802	0.097	0.0651	0.0944
Orthophosphate (PO4-P)	mg/l	12	0.0894	0.18913	0.3793	0.151	0.275
Petroleum hydrocarbons	mg/l	12	< 0.0625	< 0.0625	< 0.0625	0.0625	0.0625
Phenol index	mg/l	12	< 0.0025	0.00481	0.0074	0.0056	0.006
Phytoplankton (biomass - chlorophyll-a)	µg/l	2	< 0.0015	< 0.0015	< 0.0015		
Potassium (K+)	mg/l	12	1.9	2.275	2.5	2.20	2.50
Sodium (Na+)	mg/l	12	13.8	23.51667	27.8	24.10	26.60
Sulphate (SO4--)	mg/l	12	26.111	45.21542	53.719	44.36	52.379
Suspended solids	mg/l	12	30	71.43333	194	59.20	97.00
TOC	mg/l	12	3.001	4.28958	5.625	4.023	5.282
Temperature	°C	12	3.5	15.625	26	16.00	25.00
Total nitrogen	mg/l	12	1.583	2.842	4.19	2.911	3.923
Total phosphorus	mg/l	12	0.1235	0.25423	0.523	0.2068	0.3756
Total phosphorus, dissolved	mg/l	12	0.1029	0.21588	0.442	0.1741	0.3298
Zinc (Zn), dissolved	µg/l	12	< 5	< 5	< 5	5.00	5.00

p,p'-DDT

µg/l

12 < 0.0025 < 0.0025 < 0.0025 0.0025 0.0025

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River: Arges **Catchment:** 12550.00 km2 **2014**
Distance from mouth: 0 **Altitude:** 14 m **RO9**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
pH	-	12	6.53	7.54583	7.9	7.66	7.24

River: Danube **Catchment:** 210250.0 km² **2014**
Distance from mouth: 1426 **Altitude:** 82 m **RS1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.63	3.26583	3.82	3.29	3.79
Ammonium (NH ₄ -N)	mg/l	12	< 0.01	0.01833	0.04	0.01	0.03
Arsenic (As)	µg/l	12	< 0.05	1.4	4	1.30	1.80
Arsenic (As), dissolved	µg/l	10	< 0.05	0.95	1.6	1.60	1.60
Atrazine	µg/l	11	0.007	0.00991	0.017	0.009	0.013
BOD (5)	mg/l	12	1	2.1	4.7	1.80	2.70
COD (Cr)	mg/l	7	< 2.5	9.5	14	14.00	14.00
COD (Mn)	mg/l	12	2.6	4.275	5.5	4.10	5.30
Cadmium (Cd)	µg/l	10	< 0.0025	0.04125	0.14	0.14	0.14
Cadmium (Cd), dissolved	µg/l	11	< 0.0025	0.02205	0.07	0.02	0.05
Calcium (Ca ⁺⁺)	mg/l	12	44.7	58.49167	71.2	58.80	71.00
Chloride (Cl ⁻)	mg/l	12	14	20.86667	27.9	20.10	27.50
Chromium (Cr) - total	µg/l	12	< 0.1	3.66667	18	0.80	10.90
Chromium (Cr), total	µg/l	8	< 0.1	0.7375	3.3	3.30	3.30
Conductivity	µS/cm	12	313	413.66667	527	403.00	516.00
Copper (Cu)	µg/l	12	4.4	19.24167	52.3	13.20	42.00
Copper (Cu), dissolved	µg/l	11	1.6	7.43636	23	6.00	13.40
Dissolved oxygen	mg/l	12	7.9	10.74167	13.4	10.60	8.40
Lead (Pb)	µg/l	12	0.7	4.18333	34.1	1.50	2.80
Lead (Pb), dissolved	µg/l	11	< 0.05	0.20455	1.2	0.05	0.60
Lindane (gama-HCH)	µg/l	11	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg ⁺⁺)	mg/l	12	8.3	12.63333	16.9	11.80	16.30
Mercury (Hg)	µg/l	12	< 0.05	0.0625	0.2	0.05	0.05
Mercury (Hg), dissolved	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	1.9	9.34167	30.9	6.40	12.90
Nickel (Ni), dissolved	µg/l	9	< 0.1	3.73333	11.2	11.20	11.20
Nitrate (NO ₃ -N)	mg/l	12	1.07	1.65083	2.56	1.40	2.40
Nitrite (NO ₂ -N)	mg/l	12	0.008	0.01225	0.017	0.011	0.017
Organic nitrogen	mg/l	12	0.13	0.4925	1.11	0.29	0.80
Orthophosphate (PO ₄ -P)	mg/l	12	< 0.005	0.03692	0.059	0.044	0.057
Silicates(SiO ₂), dissolved	mg/l	12	2.5	6.08333	8.8	6.20	7.90
Suspended solids	mg/l	12	10	26.58333	43	21.00	41.00
Temperature	°C	12	2.2	12.88333	22.2	13.00	22.00
Total nitrogen	mg/l	12	1.25	2.17417	3.4	1.89	3.39
Total phosphorus	mg/l	12	0.09	0.12133	0.212	0.111	0.171
Zinc (Zn)	µg/l	12	10.6	58.16667	173.7	43.60	83.70
Zinc (Zn), dissolved	µg/l	11	1.2	29.62727	78.7	28.40	70.10

p,p'-DDT

µg/l

11 < 0.0005 < 0.0005 < 0.0005 0.0005 0.0005

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River:

Danube

Catchment:

210250.0
n km2

2014

Distance from mouth:

1426

Altitude:

82 m

RS1

Location:

Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
pH	-	12	8	8.27083	8.76	8.23	8.05

p,p'-DDT

µg/l

12 < 0.0005 < 0.0005 < 0.0005 0.0005 0.0005

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River: Tisa Catchment: 140130.0 km² 2014
Distance from mouth: 152 Altitude: 76 m RS10
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
pH	-	12	7.77	8.1125	8.55	8.10	7.80

River: Tisa **Catchment:** 145415.0 km²
Distance from mouth: 65 **Altitude:** 75 m **2014**
Location: Left **RS11**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.21	2.47833	3.29	2.38	2.88
Ammonium (NH ₄ -N)	mg/l	12	0.02	0.05917	0.11	0.05	0.10
Arsenic (As)	µg/l	11	1.3	2.10909	2.8	2.10	2.70
Arsenic (As), dissolved	µg/l	11	0.9	1.86364	2.7	1.80	2.60
Atrazine	µg/l	5	< 0.002	0.0088	0.023	0.023	0.023
BOD (5)	mg/l	12	1	1.675	3.2	1.30	3.00
COD (Cr)	mg/l	7	8	9.57143	11	11.00	11.00
COD (Mn)	mg/l	12	3.3	4.75	6.8	4.20	5.90
Cadmium (Cd)	µg/l	10	0.04	0.05	0.07	0.07	0.07
Cadmium (Cd), dissolved	µg/l	11	< 0.0025	0.02864	0.05	0.03	0.04
Calcium (Ca ⁺⁺)	mg/l	12	39	44.08333	54.7	43.70	48.30
Chloride (Cl ⁻)	mg/l	12	23.3	25.94167	35	24.10	29.60
Chromium (Cr) - total	µg/l	11	0.8	1.39091	3	1.40	1.80
Chromium (Cr), total	µg/l	7	< 0.1	0.31429	0.7	0.70	0.70
Conductivity	µS/cm	12	322	370.33333	479	362.00	400.00
Copper (Cu)	µg/l	11	7	16.23636	42.6	11.90	31.00
Copper (Cu), dissolved	µg/l	10	3.6	9.86	29	29.00	29.00
Dissolved oxygen	mg/l	12	5.8	9.24167	12.7	7.90	6.50
Lead (Pb)	µg/l	11	0.8	2.67273	13.5	1.50	2.40
Lead (Pb), dissolved	µg/l	11	< 0.05	0.52273	3.3	0.05	0.70
Lindane (gama-HCH)	µg/l	5	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg ⁺⁺)	mg/l	12	7.2	9.2	12.6	8.40	12.00
Mercury (Hg)	µg/l	11	< 0.05	0.05455	0.1	0.05	0.05
Mercury (Hg), dissolved	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	11	2.3	15.06364	28.2	14.40	24.20
Nickel (Ni), dissolved	µg/l	10	1.2	9.06	17.8	17.80	17.80
Nitrate (NO ₃ -N)	mg/l	12	0.49	0.9575	1.41	0.85	1.34
Nitrite (NO ₂ -N)	mg/l	12	0.012	0.01958	0.041	0.016	0.029
Organic nitrogen	mg/l	12	0.11	0.37167	0.65	0.37	0.53
Orthophosphate (PO ₄ -P)	mg/l	12	< 0.005	0.055	0.085	0.054	0.084
Silicates(SiO ₂), dissolved	mg/l	12	4.8	8.9	13.1	9.20	11.60
Suspended solids	mg/l	12	10	22.08333	51	17.00	42.00
Temperature	°C	12	2	14.55	24.8	14.90	24.50
Total nitrogen	mg/l	12	0.734	1.407	2.1	1.33	1.85
Total phosphorus	mg/l	12	0.083	0.12083	0.177	0.115	0.147
Zinc (Zn)	µg/l	11	10.2	57.32727	112	50.30	99.80
Zinc (Zn), dissolved	µg/l	9	14.7	47.1	86.2	86.20	86.20

River: Tisa **Catchment:** 15/14/0_n km2 **2014**
Distance from mouth: 9 **Altitude:** 73 m **RS12**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.16	2.56167	3.33	2.37	3.04
Ammonium (NH4-N)	mg/l	12	0.02	0.05667	0.11	0.05	0.09
Arsenic (As)	µg/l	10	< 0.05	1.835	2.6	2.60	2.60
Arsenic (As), dissolved	µg/l	11	< 0.05	1.72273	2.7	1.90	2.60
Atrazine	µg/l	6	< 0.0005	0.00875	0.024	0.024	0.024
BOD (5)	mg/l	12	1	1.875	6	1.60	2.30
COD (Cr)	mg/l	6	8	9	12	12.00	12.00
COD (Mn)	mg/l	12	2.9	4.55833	9.2	4.10	5.50
Cadmium (Cd)	µg/l	9	0.03	0.05444	0.09	0.09	0.09
Cadmium (Cd), dissolved	µg/l	12	< 0.0025	0.03938	0.09	0.03	0.06
Calcium (Ca++)	mg/l	12	37.5	44.71667	53	43.70	49.70
Chloride (Cl-)	mg/l	12	22.6	26.71667	33.8	25.30	32.30
Chromium (Cr) - total	µg/l	10	0.8	1.91	3.3	3.30	3.30
Chromium (Cr), total	µg/l	8	< 0.1	5.6625	43.9	43.90	43.90
Conductivity	µS/cm	12	314	384.91667	520	367.00	435.00
Copper (Cu)	µg/l	10	6.4	14.98	34	34.00	34.00
Copper (Cu), dissolved	µg/l	12	2.6	9.3	24.1	7.40	14.30
Dissolved oxygen	mg/l	12	6.8	9.23333	12.3	8.40	6.80
Lead (Pb)	µg/l	10	1	1.45	2.4	2.40	2.40
Lead (Pb), dissolved	µg/l	12	< 0.05	1.0375	8.3	0.50	1.00
Lindane (gama-HCH)	µg/l	6	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg++)	mg/l	12	6.9	9.975	14.4	8.90	12.30
Mercury (Hg)	µg/l	10	< 0.05	0.105	0.4	0.40	0.40
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	10	1.6	10.99	41.5	41.50	41.50
Nickel (Ni), dissolved	µg/l	12	0.8	9.56667	31.2	5.90	29.80
Nitrate (NO3-N)	mg/l	12	0.67	1.03833	1.49	0.97	1.41
Nitrite (NO2-N)	mg/l	12	0.011	0.02108	0.044	0.019	0.029
Organic nitrogen	mg/l	12	0.12	0.35833	0.6	0.36	0.58
Orthophosphate (PO4-P)	mg/l	12	0.034	0.06458	0.088	0.068	0.083
Silicates(SiO2), dissolved	mg/l	12	7.8	9.5	11.8	8.90	11.20
Suspended solids	mg/l	12	5	12.75	34	8.00	24.00
Temperature	°C	12	3.5	15.78333	26.6	15.00	25.50
Total nitrogen	mg/l	12	1.16	1.47417	2.08	1.37	1.99
Total phosphorus	mg/l	12	0.102	0.13133	0.207	0.13	0.145
Zinc (Zn)	µg/l	10	18	46.61	80.7	80.70	80.70
Zinc (Zn), dissolved	µg/l	8	12.8	54.125	148.1	148.10	148.10

River: Sava **Catchment:** 64073.00 km2 **2014**
Distance from mouth: 205 **Altitude:** 77 m **RS13**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.8	3.5325	4.47	3.54	3.90
Ammonium (NH4-N)	mg/l	12	< 0.01	0.0875	0.12	0.10	0.10
Arsenic (As)	µg/l	12	< 0.05	1.04583	2.6	1.00	2.30
Arsenic (As), dissolved	µg/l	9	< 0.05	0.72778	1.8	1.80	1.80
Atrazine	µg/l	12	< 0.0005	0.0065	0.012	0.006	0.012
BOD (5)	mg/l	11	1.2	2.15273	3.94	1.95	3.44
COD (Cr)	mg/l	12	7	12.65833	16	14.00	15.70
COD (Mn)	mg/l	12	2.4	4.11667	7.1	3.80	6.00
Cadmium (Cd)	µg/l	11	< 0.0025	0.05705	0.23	0.04	0.11
Cadmium (Cd), dissolved	µg/l	8	< 0.0025	0.03219	0.08	0.08	0.08
Calcium (Ca++)	mg/l	12	49.6	60.95833	70.6	64.00	67.20
Chloride (Cl-)	mg/l	11	6.8	12.93545	26	11.80	20.30
Chromium (Cr) - total	µg/l	11	0.7	4.30909	10.2	3.60	9.80
Chromium (Cr), total	µg/l	8	< 0.1	0.775	3.8	3.80	3.80
Conductivity	µS/cm	12	269	383.25	462	375.00	448.00
Copper (Cu)	µg/l	12	4	6.025	10	5.40	9.00
Copper (Cu), dissolved	µg/l	10	< 0.1	2.43	5.8	5.80	5.80
Dissolved oxygen	mg/l	12	6.29	8.03667	10	7.83	6.72
Lead (Pb)	µg/l	11	0.9	2.19091	4.4	1.70	3.90
Lead (Pb), dissolved	µg/l	11	< 0.05	0.50455	1.2	0.60	1.00
Lindane (gama-HCH)	µg/l	12	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg++)	mg/l	12	8.4	12.48667	17.9	10.90	16.50
Mercury (Hg)	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	2.3	6.91667	20.6	3.80	19.00
Nickel (Ni), dissolved	µg/l	11	0.8	2.4	5.7	2.10	3.90
Nitrate (NO3-N)	mg/l	12	0.2	0.59167	1	0.50	0.90
Nitrite (NO2-N)	mg/l	12	0.005	0.01425	0.023	0.013	0.021
Organic nitrogen	mg/l	12	< 0.05	0.635	1.47	0.46	1.38
Orthophosphate (PO4-P)	mg/l	12	0.02	0.05292	0.074	0.057	0.07
Silicates(SiO2), dissolved	mg/l	7	4.7	7.28571	11.2	11.20	11.20
Suspended solids	mg/l	12	5	37.25	130	18.00	98.00
Temperature	°C	12	6.4	14.675	26.3	13.30	22.50
Total nitrogen	mg/l	12	0.762	1.33267	2.46	1.21	1.85
Total phosphorus	mg/l	12	0.023	0.12233	0.33	0.106	0.188
Zinc (Zn)	µg/l	12	5.4	28.75833	114.9	17.20	54.60
Zinc (Zn), dissolved	µg/l	10	< 0.15	9.595	25.6	25.60	25.60

River: Sava **Catchment:** 89490.00 km2 **2014**
Distance from mouth: 106 **Altitude:** 74 m **RS15**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.1	3.5925	4.34	3.48	4.00
Ammonium (NH4-N)	mg/l	12	0.02	0.08167	0.12	0.08	0.12
Arsenic (As)	µg/l	7	< 0.05	1.06429	2	2.00	2.00
Arsenic (As), dissolved	µg/l	5	< 0.05	0.73	1.1	1.10	1.10
Atrazine	µg/l	5	< 0.0005	0.0075	0.01	0.01	0.01
BOD (5)	mg/l	12	1.02	1.96917	3.25	1.86	2.84
COD (Cr)	mg/l	12	7	11.65	17.8	11.00	16.00
COD (Mn)	mg/l	12	2.6	4.04167	7.5	3.30	5.50
Cadmium (Cd)	µg/l	6	0.04	0.12833	0.46	0.46	0.46
Cadmium (Cd), dissolved	µg/l	4	0.03	0.075	0.14	0.14	0.14
Calcium (Ca++)	mg/l	12	52	61.39167	72	60.00	66.40
Chloride (Cl-)	mg/l	12	6.1	11.01583	18.9	9.00	17.50
Chromium (Cr) - total	µg/l	7	< 0.1	8.88571	34.5	34.50	34.50
Chromium (Cr), total	µg/l	5	< 0.1	3.14	7.9	7.90	7.90
Conductivity	µS/cm	12	324	376.83333	433	382.00	431.00
Copper (Cu)	µg/l	7	< 0.1	6.47143	12.9	12.90	12.90
Copper (Cu), dissolved	µg/l	5	1.7	3.2	5	5.00	5.00
Dissolved oxygen	mg/l	12	6.86	8.59833	11.02	8.66	6.96
Lead (Pb)	µg/l	7	1.7	3.5	7.8	7.80	7.80
Lead (Pb), dissolved	µg/l	6	< 0.05	0.425	1	1.00	1.00
Lindane (gama-HCH)	µg/l	5	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg++)	mg/l	12	6.2	11.58333	14.5	11.70	14.50
Mercury (Hg)	µg/l	7	< 0.05	< 0.05	< 0.05	0.05	0.05
Mercury (Hg), dissolved	µg/l	6	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	7	< 0.1	16.42857	62.6	62.60	62.60
Nickel (Ni), dissolved	µg/l	5	1.4	3.28	6.6	6.60	6.60
Nitrate (NO3-N)	mg/l	12	0.2	0.54167	1.1	0.40	0.80
Nitrite (NO2-N)	mg/l	12	0.007	0.01317	0.024	0.012	0.02
Organic nitrogen	mg/l	11	< 0.05	0.64273	1.86	0.69	1.13
Orthophosphate (PO4-P)	mg/l	12	0.019	0.05092	0.086	0.057	0.077
Silicates(SiO2), dissolved	mg/l	7	3.2	6.37143	8.3	8.30	8.30
Suspended solids	mg/l	12	3	34.58333	101	24.00	72.00
Temperature	°C	12	5.3	14.35	24.2	13.40	22.30
Total nitrogen	mg/l	11	0.811	1.26927	2.32	1.25	1.43
Total phosphorus	mg/l	12	0.033	0.08833	0.15	0.082	0.139
Zinc (Zn)	µg/l	7	9	23.75714	58	58.00	58.00
Zinc (Zn), dissolved	µg/l	4	4.5	12.175	17.4	17.40	17.40

River: Sava **Catchment:** 95430.00 km2 **2014**
Distance from mouth: 17 **Altitude:** 72 m **RS16**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	3.14	3.62083	4.16	3.58	4.00
Ammonium (NH ₄ -N)	mg/l	12	< 0.01	0.0625	0.12	0.05	0.12
Arsenic (As)	µg/l	12	< 0.05	1.225	3	1.10	2.20
Arsenic (As), dissolved	µg/l	12	< 0.05	0.94167	1.7	0.80	1.70
Atrazine	µg/l	8	< 0.002	0.00663	0.012	0.012	0.012
BOD (5)	mg/l	12	0.61	1.39167	2.42	1.17	2.18
COD (Cr)	mg/l	10	7	13.6	20	20.00	20.00
COD (Mn)	mg/l	12	1.6	3.16667	7	2.40	4.70
Cadmium (Cd)	µg/l	10	0.03	0.076	0.18	0.18	0.18
Cadmium (Cd), dissolved	µg/l	10	< 0.0025	0.04725	0.08	0.08	0.08
Calcium (Ca ⁺⁺)	mg/l	12	60.7	67.25	78	65.00	75.00
Chloride (Cl ⁻)	mg/l	12	8.29	12.84083	19	11.80	17.00
Chromium (Cr) - total	µg/l	12	1	2.40833	5.9	2.20	3.60
Chromium (Cr), total	µg/l	12	< 0.1	0.61667	2.4	0.10	1.70
Conductivity	µS/cm	12	330	387.83333	435	381.00	430.00
Copper (Cu)	µg/l	12	1.6	7.34167	20	5.00	15.00
Copper (Cu), dissolved	µg/l	11	< 0.1	3.90909	16	2.30	8.50
Dissolved oxygen	mg/l	12	6.87	8.7575	10.92	8.39	6.97
Lead (Pb)	µg/l	12	< 0.05	1.42083	2.7	1.30	2.10
Lead (Pb), dissolved	µg/l	12	< 0.05	0.44583	1.6	0.05	1.30
Lindane (gama-HCH)	µg/l	8	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg ⁺⁺)	mg/l	12	8	11.325	16.3	10.20	14.60
Mercury (Hg)	µg/l	12	< 0.05	0.05417	0.1	0.05	0.05
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	11	1.7	4.38182	10.2	3.90	9.20
Nickel (Ni), dissolved	µg/l	12	0.8	1.84167	3.6	1.50	2.70
Nitrate (NO ₃ -N)	mg/l	12	0.3	0.76667	1.04	0.80	0.98
Nitrite (NO ₂ -N)	mg/l	12	0.008	0.01542	0.036	0.014	0.021
Organic nitrogen	mg/l	11	0.12	0.36636	0.94	0.30	0.47
Orthophosphate (PO ₄ -P)	mg/l	12	0.018	0.04133	0.099	0.038	0.05
Silicates(SiO ₂), dissolved	mg/l	11	3.9	6.45455	8.7	6.10	8.50
Suspended solids	mg/l	12	7	19.33333	36	16.00	31.00
Temperature	°C	12	6.6	14.78333	23.4	13.50	22.00
Total nitrogen	mg/l	11	0.85	1.19945	1.34	1.25	1.34
Total phosphorus	mg/l	12	0.054	0.08008	0.118	0.077	0.117
Zinc (Zn)	µg/l	12	< 0.15	21.99583	45	16.80	44.00
Zinc (Zn), dissolved	µg/l	10	< 0.15	12.015	42	42.00	42.00

River: Velika Morava **Catchment:** 37320.00 km2 **2014**
Distance from mouth: 22 **Altitude:** 71 m **RS17**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.42	3.67083	4.17	3.76	3.98
Ammonium (NH4-N)	mg/l	12	0.03	0.18583	0.42	0.16	0.36
Arsenic (As)	µg/l	11	3	4.81818	8.8	4.20	6.80
Arsenic (As), dissolved	µg/l	10	2.2	3.31	4.3	4.30	4.30
Atrazine	µg/l	7	< 0.0005	0.00821	0.02	0.02	0.02
BOD (5)	mg/l	10	1.1	1.991	3.09	3.09	3.09
COD (Cr)	mg/l	12	6.1	16.85833	63	12.00	20.20
COD (Mn)	mg/l	12	2.4	5.06667	16.1	3.80	7.60
Cadmium (Cd)	µg/l	10	0.04	0.191	0.59	0.59	0.59
Cadmium (Cd), dissolved	µg/l	9	< 0.0025	0.07472	0.21	0.21	0.21
Calcium (Ca++)	mg/l	12	39.4	61.08833	69.7	61.00	68.00
Chloride (Cl-)	mg/l	12	6.9	11.9	16.8	10.40	15.40
Chromium (Cr) - total	µg/l	11	0.7	8.74545	39.1	3.30	22.00
Chromium (Cr), total	µg/l	10	< 0.1	1.43	6.9	6.90	6.90
Conductivity	µS/cm	12	276	429	490	433.00	480.00
Copper (Cu)	µg/l	11	4.4	8.54545	16.9	7.40	16.20
Copper (Cu), dissolved	µg/l	9	1.4	3.92222	8.9	8.90	8.90
Dissolved oxygen	mg/l	12	6.85	8.93167	11.07	8.34	7.41
Lead (Pb)	µg/l	11	1.4	11.16364	57.2	4.90	28.10
Lead (Pb), dissolved	µg/l	10	< 0.05	0.5	1.6	1.60	1.60
Lindane (gama-HCH)	µg/l	7	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg++)	mg/l	12	10.2	15.77667	19.9	15.50	19.70
Mercury (Hg)	µg/l	12	< 0.05	0.05833	0.1	0.05	0.10
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	11	3.3	18.06364	72.3	8.90	44.80
Nickel (Ni), dissolved	µg/l	10	2.4	3.87	5.5	5.50	5.50
Nitrate (NO3-N)	mg/l	12	0.4	0.99167	1.4	1.00	1.40
Nitrite (NO2-N)	mg/l	12	0.014	0.0415	0.067	0.034	0.057
Organic nitrogen	mg/l	12	0.5	1.12417	2.2	0.97	1.92
Orthophosphate (PO4-P)	mg/l	12	0.013	0.08233	0.166	0.077	0.147
Silicates(SiO2), dissolved	mg/l	7	7.3	12.51429	16.2	16.20	16.20
Suspended solids	mg/l	12	< 0.5	106.95833	423	29.00	382.00
Temperature	°C	12	4.8	13.99167	23	12.80	22.60
Total nitrogen	mg/l	12	1.82	2.3425	3.44	2.10	3.39
Total phosphorus	mg/l	12	0.02	0.14767	0.276	0.137	0.244
Zinc (Zn)	µg/l	11	10.4	34.08182	75	27.90	62.30
Zinc (Zn), dissolved	µg/l	8	3.7	15.4	29.6	29.60	29.60

River: Danube **Catchment:** 251593.0 km² **2014**
Distance from mouth: 1367 **Altitude:** 80 m **RS2**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.44	3.16818	3.97	3.31	3.64
Ammonium (NH ₄ -N)	mg/l	11	< 0.01	0.02909	0.06	0.02	0.05
Arsenic (As)	µg/l	4	1.2	1.55	2	2.00	2.00
Arsenic (As), dissolved	µg/l	4	0.9	1.15	1.5	1.50	1.50
BOD (5)	mg/l	11	1	1.85455	3.3	1.60	2.90
COD (Cr)	mg/l	5	9	12.6	16	16.00	16.00
COD (Mn)	mg/l	11	3.2	4.28182	5.7	4.30	4.80
Cadmium (Cd)	µg/l	4	0.02	0.04	0.09	0.09	0.09
Cadmium (Cd), dissolved	µg/l	3	< 0.0025	0.00833	0.02		
Calcium (Ca ⁺⁺)	mg/l	11	44.1	56.77273	77.9	55.10	69.30
Chloride (Cl ⁻)	mg/l	11	13.9	18.69091	25.6	17.20	24.80
Chromium (Cr) - total	µg/l	4	< 0.1	0.775	1.3	1.30	1.30
Chromium (Cr), total	µg/l	3	< 0.1	< 0.1	< 0.1		
Conductivity	µS/cm	11	310	392.09091	494	393.00	493.00
Copper (Cu)	µg/l	4	8.2	20.925	46.9	46.90	46.90
Copper (Cu), dissolved	µg/l	4	1.2	11.95	29.2	29.20	29.20
Dissolved oxygen	mg/l	11	8.1	9.97273	13	9.20	8.20
Lead (Pb)	µg/l	4	1.3	1.65	2	2.00	2.00
Lead (Pb), dissolved	µg/l	4	< 0.05	0.1875	0.6	0.60	0.60
Magnesium (Mg ⁺⁺)	mg/l	11	4.4	12.12727	19.3	11.70	16.90
Mercury (Hg)	µg/l	4	< 0.05	0.1625	0.5	0.50	0.50
Mercury (Hg), dissolved	µg/l	4	< 0.05	0.0875	0.2	0.20	0.20
Nickel (Ni)	µg/l	4	4.2	27.45	51.4	51.40	51.40
Nickel (Ni), dissolved	µg/l	4	< 0.1	21.125	39.3	39.30	39.30
Nitrate (NO ₃ -N)	mg/l	11	1	1.42818	2.23	1.29	1.74
Nitrite (NO ₂ -N)	mg/l	11	0.009	0.01364	0.018	0.014	0.018
Organic nitrogen	mg/l	11	< 0.05	0.53	1.53	0.43	0.87
Orthophosphate (PO ₄ -P)	mg/l	11	< 0.005	0.037	0.063	0.037	0.056
Silicates(SiO ₂), dissolved	mg/l	11	3.2	6.67273	9.7	6.50	9.10
Suspended solids	mg/l	11	8	23.18182	42	24.00	33.00
Temperature	°C	11	4	15.49091	24.5	16.40	23.90
Total nitrogen	mg/l	11	1.3	2.00182	2.74	1.92	2.72
Total phosphorus	mg/l	11	0.078	0.11818	0.169	0.115	0.16
Zinc (Zn)	µg/l	4	40.4	104.125	249	249.00	249.00
Zinc (Zn), dissolved	µg/l	3	11.1	35.43333	63		
pH	-	11	7.9	8.20273	8.73	8.11	7.96

River: Danube **Catchment:** 254085.0 km²
Distance from mouth: 1255 **Altitude:** 74 m **2014**
Location: Right **RS3**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.57	3.13083	3.98	3.18	3.49
Ammonium (NH ₄ -N)	mg/l	12	0.04	0.06	0.08	0.06	0.08
Arsenic (As)	µg/l	11	1.2	1.52727	2	1.50	1.70
Arsenic (As), dissolved	µg/l	12	0.8	1.23333	1.6	1.20	1.40
Atrazine	µg/l	6	< 0.002	0.013	0.02	0.02	0.02
BOD (5)	mg/l	12	1	2.20833	3.1	2.30	3.00
COD (Cr)	mg/l	6	5	8.33333	10	10.00	10.00
COD (Mn)	mg/l	12	2.9	3.7	4.4	3.70	4.30
Cadmium (Cd)	µg/l	10	0.02	0.033	0.05	0.05	0.05
Cadmium (Cd), dissolved	µg/l	12	< 0.0025	0.02521	0.04	0.02	0.04
Calcium (Ca ⁺⁺)	mg/l	12	44.3	54.06667	63.8	54.80	60.80
Chloride (Cl ⁻)	mg/l	12	13.6	18.35	24.1	16.40	23.90
Chromium (Cr) - total	µg/l	11	< 0.1	1.39091	3.3	1.10	2.40
Chromium (Cr), total	µg/l	9	< 0.1	< 0.1	< 0.1	0.10	0.10
Conductivity	µS/cm	12	310	395.75	524	387.00	475.00
Copper (Cu)	µg/l	11	3	6.60909	15.1	5.60	10.40
Copper (Cu), dissolved	µg/l	12	1.3	2.775	5.2	2.80	4.40
Dissolved oxygen	mg/l	12	7.1	9.44167	12.3	8.90	7.20
Lead (Pb)	µg/l	11	1.2	1.91818	3.6	1.80	2.60
Lead (Pb), dissolved	µg/l	12	< 0.05	0.52917	2	0.50	1.00
Lindane (gama-HCH)	µg/l	6	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg ⁺⁺)	mg/l	12	10	13.275	20.1	12.20	16.30
Mercury (Hg)	µg/l	11	< 0.05	0.08182	0.2	0.05	0.20
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	11	1.6	5.00909	24.1	2.80	7.00
Nickel (Ni), dissolved	µg/l	11	1	2.36364	8.3	1.90	3.10
Nitrate (NO ₃ -N)	mg/l	12	0.94	1.56333	2.46	1.41	2.36
Nitrite (NO ₂ -N)	mg/l	12	0.008	0.01333	0.021	0.013	0.018
Organic nitrogen	mg/l	12	< 0.05	0.28333	0.77	0.19	0.53
Orthophosphate (PO ₄ -P)	mg/l	12	0.015	0.05017	0.067	0.052	0.066
Silicates(SiO ₂), dissolved	mg/l	12	2.9	6.73333	10.2	6.30	9.10
Suspended solids	mg/l	12	8	24.83333	41	21.00	40.00
Temperature	°C	12	3	13.7	23.2	14.00	22.60
Total nitrogen	mg/l	12	1.27	1.92417	3.18	1.57	2.72

Total phosphorus	mg/l	12	0.062	0.10758	0.146	0.108	0.143
Zinc (Zn)	µg/l	11	11.7	23.25455	42	23.60	34.40
Zinc (Zn), dissolved	µg/l	7	4.5	25.77143	60.9	60.90	60.90
p,p'-DDT	µg/l	6	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005

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River: Danube **Catchment:** 254085.0 km² **2014**
Distance from mouth: 1255 **Altitude:** 74 m **RS3**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
pH	-	12	7.9	8.12167	8.38	8.07	8.00

River: Danube **Catchment:** 412/62.0_n km2 **2014**
Distance from mouth: 1173 **Altitude:** 71 m **RS4**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.68	3.25667	3.99	3.26	3.55
Ammonium (NH ₄ -N)	mg/l	12	0.09	0.17	0.25	0.17	0.22
Arsenic (As)	µg/l	12	< 0.05	1.49583	2.6	1.50	2.00
Arsenic (As), dissolved	µg/l	11	< 0.05	1.14545	2	1.40	1.70
Atrazine	µg/l	6	< 0.002	0.00917	0.017	0.017	0.017
BOD (5)	mg/l	12	1	1.54333	2.47	1.51	2.04
COD (Cr)	mg/l	10	6	12.7	20	20.00	20.00
COD (Mn)	mg/l	12	2	2.84167	4.8	2.60	3.90
Cadmium (Cd)	µg/l	9	< 0.0025	0.09028	0.38	0.38	0.38
Cadmium (Cd), dissolved	µg/l	10	< 0.0025	0.0575	0.19	0.19	0.19
Calcium (Ca ⁺⁺)	mg/l	12	47	57.99167	70	56.00	64.20
Chloride (Cl ⁻)	mg/l	12	13.3	18.04583	25	16.00	24.00
Chromium (Cr) - total	µg/l	12	0.5	2.54167	9.8	1.40	4.90
Chromium (Cr), total	µg/l	12	< 0.1	0.65833	4.2	0.10	1.50
Conductivity	µS/cm	12	327	399.16667	505	398.00	466.00
Copper (Cu)	µg/l	12	2	6.675	16	5.40	11.60
Copper (Cu), dissolved	µg/l	10	< 0.1	3.44	11	11.00	11.00
Dissolved oxygen	mg/l	12	6.46	8.96083	11.9	8.12	7.10
Lead (Pb)	µg/l	12	< 0.05	1.2875	2.3	1.10	2.00
Lead (Pb), dissolved	µg/l	12	< 0.05	0.37917	1.7	0.05	0.70
Lindane (gama-HCH)	µg/l	6	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg ⁺⁺)	mg/l	12	7	14.37667	20.5	13.60	20.00
Mercury (Hg)	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	1	2.675	9.4	1.60	6.20
Nickel (Ni), dissolved	µg/l	12	0.5	1.11667	1.8	1.10	1.80
Nitrate (NO ₃ -N)	mg/l	12	0.2	1.19083	2.34	1.15	1.73
Nitrite (NO ₂ -N)	mg/l	12	0.008	0.0205	0.093	0.013	0.023
Organic nitrogen	mg/l	11	0.14	0.57455	2.23	0.43	0.75
Orthophosphate (PO ₄ -P)	mg/l	12	0.026	0.05317	0.086	0.048	0.077
Silicates(SiO ₂), dissolved	mg/l	11	2.3	6.04545	10.2	6.50	8.70
Suspended solids	mg/l	12	4	18.16667	34	14.00	30.00
Temperature	°C	12	3.6	14.69167	24.7	12.80	23.60
Total nitrogen	mg/l	11	1.37	1.93418	3.12	1.71	2.59
Total phosphorus	mg/l	12	0.057	0.09642	0.136	0.099	0.132
Zinc (Zn)	µg/l	12	1	22.76667	53.1	19.40	33.00
Zinc (Zn), dissolved	µg/l	11	< 0.15	11.81364	29	5.60	29.00

p,p'-DDT

µg/l

6 < 0.0005 < 0.0005 < 0.0005 0.0005 0.0005

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River:

Danube

Catchment:

412/62.0
n km2

2014

Distance from mouth:

1173

Altitude:

71 m

RS4

Location:

Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
pH	-	12	7.82	8.08417	8.34	8.09	7.90

River: Danube **Catchment:** 568648.0 km² **2014**
Distance from mouth: 1077 **Altitude:** 70 m **RS6**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	11	2.61	3.09455	3.57	3.10	3.47
Ammonium (NH ₄ -N)	mg/l	11	0.06	0.11364	0.19	0.12	0.17
Arsenic (As)	µg/l	11	< 0.05	1.69091	3.1	1.80	2.90
Arsenic (As), dissolved	µg/l	11	< 0.05	1.24545	1.9	1.30	1.90
Atrazine	µg/l	6	< 0.0005	0.008	0.016	0.016	0.016
BOD (5)	mg/l	11	1	1.27273	2	1.30	1.50
COD (Cr)	mg/l	5	7	8.6	12	12.00	12.00
COD (Mn)	mg/l	11	2.8	3.96364	6.1	3.90	5.10
Cadmium (Cd)	µg/l	11	0.02	0.06364	0.21	0.04	0.14
Cadmium (Cd), dissolved	µg/l	11	< 0.0025	0.02523	0.06	0.02	0.05
Calcium (Ca ⁺⁺)	mg/l	11	45.5	54.22727	63.6	54.70	60.80
Chloride (Cl ⁻)	mg/l	11	11.5	16.71818	21.3	17.10	21.10
Chromium (Cr) - total	µg/l	11	0.6	2.57273	5.4	2.80	4.70
Chromium (Cr), total	µg/l	6	< 0.1	0.26667	1.1	1.10	1.10
Conductivity	µS/cm	11	293	373.63636	465	383.00	427.00
Copper (Cu)	µg/l	11	3.6	7.24545	18.6	6.60	8.50
Copper (Cu), dissolved	µg/l	11	< 0.1	2.5	4.3	2.00	4.20
Dissolved oxygen	mg/l	11	6.8	8.62273	10.6	8.80	7.10
Lead (Pb)	µg/l	11	1.1	2.03636	3.2	2.10	3.10
Lead (Pb), dissolved	µg/l	11	< 0.05	0.35455	1	0.05	1.00
Lindane (gama-HCH)	µg/l	6	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg ⁺⁺)	mg/l	11	7.5	11.35455	16.1	10.60	14.50
Mercury (Hg)	µg/l	11	< 0.05	0.10909	0.5	0.05	0.20
Mercury (Hg), dissolved	µg/l	11	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	11	1.3	4.6	10.8	5.00	9.00
Nickel (Ni), dissolved	µg/l	11	1.2	1.94545	3.2	1.70	2.60
Nitrate (NO ₃ -N)	mg/l	11	0.84	1.14545	1.63	1.12	1.38
Nitrite (NO ₂ -N)	mg/l	11	0.008	0.01591	0.034	0.012	0.031
Organic nitrogen	mg/l	10	< 0.05	0.281	0.5	0.50	0.50
Orthophosphate (PO ₄ -P)	mg/l	11	0.015	0.04518	0.067	0.05	0.062
Silicates(SiO ₂), dissolved	mg/l	11	4.3	7.3	10	7.70	8.90
Suspended solids	mg/l	11	13	27	57	22.00	37.00
Temperature	°C	11	6.7	15.90909	25.5	15.60	24.00
Total nitrogen	mg/l	10	1.1	1.525	2.14	2.14	2.14
Total phosphorus	mg/l	11	0.078	0.12282	0.183	0.126	0.153
Zinc (Zn)	µg/l	10	8.3	26.59	56.6	56.60	56.60
Zinc (Zn), dissolved	µg/l	8	5.02	16.2525	35	35.00	35.00

River: Danube **Catchment:** 5/4307.0 km² **2014**
Distance from mouth: 954 **Altitude:** 68 m **RS7**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.54	3.24583	4.16	3.12	3.61
Ammonium (NH ₄ -N)	mg/l	12	0.03	0.10417	0.18	0.10	0.16
Arsenic (As)	µg/l	10	0.5	1.58	2.6	2.60	2.60
Arsenic (As), dissolved	µg/l	8	0.9	1.625	2.2	2.20	2.20
Atrazine	µg/l	11	< 0.0005	0.00632	0.014	0.007	0.01
BOD (5)	mg/l	12	1.18	2.10833	3.16	1.95	3.03
COD (Cr)	mg/l	12	8	11.725	15.7	11.00	15.00
COD (Mn)	mg/l	12	1.9	3.95	5.7	3.80	5.40
Cadmium (Cd)	µg/l	9	0.03	0.07556	0.23	0.23	0.23
Cadmium (Cd), dissolved	µg/l	10	< 0.0025	0.0305	0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	49.8	57.57917	64.3	57.80	60.20
Chloride (Cl ⁻)	mg/l	12	7.7	14.15667	20.4	14.68	17.50
Chromium (Cr) - total	µg/l	11	1.1	2.09091	3.8	2.00	2.90
Chromium (Cr), total	µg/l	11	< 0.1	0.66364	1.8	0.50	1.50
Conductivity	µS/cm	12	327	383.33333	436	380.00	432.00
Copper (Cu)	µg/l	11	3.5	5.86364	11.8	5.20	7.90
Copper (Cu), dissolved	µg/l	11	1.3	3.59091	9.2	2.50	7.00
Dissolved oxygen	mg/l	12	6.21	8.98	12.46	8.30	6.51
Lead (Pb)	µg/l	11	0.6	1.76364	4.7	1.60	2.70
Lead (Pb), dissolved	µg/l	11	< 0.05	0.55909	2.3	0.05	1.50
Lindane (gama-HCH)	µg/l	11	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg ⁺⁺)	mg/l	12	6.9	11.5	17.5	11.20	14.50
Mercury (Hg)	µg/l	12	< 0.05	0.08333	0.3	0.05	0.10
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	11	0.8	2.67273	5.2	2.10	4.60
Nickel (Ni), dissolved	µg/l	11	0.5	1.85455	4.1	1.80	2.50
Nitrate (NO ₃ -N)	mg/l	12	0.3	0.825	1.3	0.80	1.10
Nitrite (NO ₂ -N)	mg/l	12	0.008	0.01658	0.037	0.013	0.03
Organic nitrogen	mg/l	12	0.12	0.6925	1.25	0.70	1.04
Orthophosphate (PO ₄ -P)	mg/l	12	0.025	0.04708	0.079	0.041	0.06
Silicates(SiO ₂), dissolved	mg/l	10	5.1	8.67	19	19.00	19.00
Suspended solids	mg/l	12	2	18.33333	104	9.00	27.00
Temperature	°C	12	4.9	14.875	25.2	14.40	22.50
Total nitrogen	mg/l	12	1.23	1.63833	2.69	1.42	2.04
Total phosphorus	mg/l	12	0.039	0.08975	0.12	0.099	0.114
Zinc (Zn)	µg/l	11	9.2	26.50909	75.6	13.40	72.20
Zinc (Zn), dissolved	µg/l	9	1.4	7.41111	16.7	16.70	16.70

p,p'-DDT

µg/l

11 < 0.0005 < 0.0005 < 0.0005 0.0005 0.0005

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River: Danube Catchment: 574307.0 km² 2014
Distance from mouth: 954 Altitude: 68 m RS7
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
pH	-	12	7.78	8.06083	8.51	8.06	7.81

River: Danube **Catchment:** 577085.0 km² **2014**
Distance from mouth: 851 **Altitude:** 32 m **RS8**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.82	3.19125	3.74	3.03	3.53
Ammonium (NH ₄ -N)	mg/l	12	< 0.01	0.08792	0.24	0.08	0.137
Arsenic (As)	µg/l	12	0.8	1.86667	2.6	2.00	2.50
Arsenic (As), dissolved	µg/l	9	0.8	1.56667	2.1	2.10	2.10
Atrazine	µg/l	12	< 0.0005	0.00625	0.019	0.004	0.012
BOD (5)	mg/l	12	1.2	1.90083	3.05	1.60	2.75
COD (Cr)	mg/l	12	7.7	11.80833	16	12.00	16.00
COD (Mn)	mg/l	12	2.3	3.49167	4.7	3.50	4.70
Cadmium (Cd)	µg/l	12	0.03	0.1175	0.35	0.07	0.27
Cadmium (Cd), dissolved	µg/l	11	0.03	0.04273	0.07	0.03	0.07
Calcium (Ca ⁺⁺)	mg/l	12	53.7	60.11667	80	58.00	64.00
Chloride (Cl ⁻)	mg/l	12	8.6	14.44667	21	12.80	18.90
Chromium (Cr) - total	µg/l	12	< 0.1	2.75	6.2	2.30	4.40
Chromium (Cr), total	µg/l	10	< 0.1	0.47	1.6	1.60	1.60
Conductivity	µS/cm	12	326	387.08333	425	387.00	424.00
Copper (Cu)	µg/l	12	4	6.16667	11.3	5.60	10.40
Copper (Cu), dissolved	µg/l	7	1.3	2.55714	3.4	3.40	3.40
Dissolved oxygen	mg/l	12	6.68	9.34833	11.79	9.21	6.74
Lead (Pb)	µg/l	12	0.8	2.05833	4	1.70	3.10
Lead (Pb), dissolved	µg/l	11	< 0.05	0.42727	1.4	0.05	1.20
Lindane (gama-HCH)	µg/l	12	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Magnesium (Mg ⁺⁺)	mg/l	12	6.8	11.625	20.4	11.60	12.50
Mercury (Hg)	µg/l	12	< 0.05	0.06667	0.2	0.05	0.10
Mercury (Hg), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Nickel (Ni)	µg/l	12	1	4.06667	6.8	3.60	5.70
Nickel (Ni), dissolved	µg/l	11	0.8	2.18182	4.6	2.10	2.90
Nitrate (NO ₃ -N)	mg/l	12	0.4	0.725	1.1	0.70	1.00
Nitrite (NO ₂ -N)	mg/l	12	0.008	0.0185	0.035	0.017	0.027
Organic nitrogen	mg/l	12	0.25	0.8525	1.57	0.79	1.50
Orthophosphate (PO ₄ -P)	mg/l	12	0.026	0.09375	0.196	0.072	0.183
Silicates(SiO ₂), dissolved	mg/l	10	5.6	7.31	9.6	9.60	9.60
Suspended solids	mg/l	12	< 0.5	26.375	84	19.00	63.00
Temperature	°C	12	3.7	15.18333	29.2	14.40	23.40
Total nitrogen	mg/l	12	1.18	1.6825	2.67	1.47	2.25
Total phosphorus	mg/l	12	0.058	0.17233	0.462	0.149	0.215
Zinc (Zn)	µg/l	11	6.4	19.12727	40.1	15.60	34.20
Zinc (Zn), dissolved	µg/l	7	2.1	12.24286	26.2	26.20	26.20

River: Drava **Catchment:** 15356.00 km2 **2014**
Distance from mouth: 300 **Altitude:** 192 m **SI1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Aluminium (Al), dissolved	µg/l	12	< 5	17.91667	30	18.00	24.00
Ammonium (NH ₄ -N)	mg/l	26	< 0.005	0.0245	0.053	0.023	0.044
Anionic active surfactants	mg/l	4	< 0.025	< 0.025	< 0.025	0.025	0.025
Arsenic (As), dissolved	µg/l	12	< 0.5	1.13333	1.4	1.10	1.40
Atrazine	µg/l	4	< 0.01	< 0.01	< 0.01	0.01	0.01
BOD (5)	mg/l	26	< 0.25	0.85769	1.6	0.90	1.20
COD (Cr)	mg/l	12	< 2.5	3.25	9	2.50	5.00
Cadmium (Cd), dissolved	µg/l	12	0.011	0.03658	0.074	0.03	0.058
Calcium (Ca ⁺⁺)	mg/l	12	33	41.16667	49	40.00	49.00
Chloride (Cl ⁻)	mg/l	12	4.3	7.65833	26	5.60	9.60
Chromium (Cr), total	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Conductivity	µS/cm	26	176	248.19231	344	249.00	296.00
Copper (Cu), dissolved	µg/l	12	< 0.5	1.34167	3.5	1.40	1.70
Dissolved oxygen	mg/l	26	6.7	9.33077	11.8	9.50	7.40
Flow	m ³ /s	365	164	427.36712	1462	392.00	628.00
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gamma-HCH)	µg/l	4	< 0.0015	< 0.0015	< 0.0015	0.0015	0.0015
Magnesium (Mg ⁺⁺)	mg/l	12	6.3	8.84167	11	8.90	11.00
Mercury (Hg), dissolved	µg/l	12	< 0.005	0.0055	0.011	0.005	0.005
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	26	0.61	0.96123	1.401	0.994	1.311
Nitrite (NO ₂ -N)	mg/l	26	0.003	0.00669	0.016	0.006	0.011
Orthophosphate (PO ₄ -P)	mg/l	26	< 0.005	0.00708	0.029	0.005	0.014
Potassium (K ⁺)	mg/l	12	1.2	1.45833	1.9	1.40	1.60
Sodium (Na ⁺)	mg/l	12	2.5	4.39167	5.8	4.00	5.70
Sulphate (SO ₄ ⁻⁻)	mg/l	12	16	19.33333	23	19.00	22.00
Suspended solids	mg/l	26	5	16.32308	94	14.00	22.00
TOC	mg/l	12	0.8	1.55833	2.5	1.40	2.10
Temperature	°C	26	2.9	11.17308	20.3	10.90	16.90
Total nitrogen	mg/l	26	0.71	1.18077	2.02	1.20	1.53
Total phosphorus	mg/l	26	0.013	0.04315	0.074	0.046	0.064
Zinc (Zn), dissolved	µg/l	12	< 5	5.5	11	5.00	5.00
p,p'-DDT	µg/l	4	< 0.0015	< 0.0015	< 0.0015	0.0015	0.0015
pH	-	26	7.8	8.13077	8.4	8.10	7.90

River: Sava **Catchment:** 10878.00 km² **2014**
Distance from mouth: 729 **Altitude:** 135 m **SI2**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Aluminium (Al), dissolved	µg/l	12	1.3	16.24167	47	18.00	21.00
Ammonium (NH ₄ -N)	mg/l	26	0.006	0.03081	0.082	0.028	0.044
Anionic active surfactants	mg/l	4	< 0.05	< 0.05	< 0.05	0.05	0.05
Arsenic (As), dissolved	µg/l	12	0.14	0.31917	0.47	0.30	0.42
Atrazine	µg/l	4	< 0.0035	< 0.0035	< 0.0035	0.0035	0.0035
BOD (5)	mg/l	26	< 0.25	0.89615	2.6	0.90	1.50
COD (Cr)	mg/l	12	< 2.5	3.89167	8	2.50	7.70
Cadmium (Cd), dissolved	µg/l	12	< 0.01	0.02167	0.15	0.01	0.01
Calcium (Ca ⁺⁺)	mg/l	12	54	60.5	66	62.00	65.00
Chloride (Cl ⁻)	mg/l	12	4.27	6.1275	7.74	6.54	7.06
Chromium (Cr), total	µg/l	12	< 0.2	0.4025	0.68	0.20	0.67
Conductivity	µS/cm	26	308	348.46154	383	341.00	382.00
Copper (Cu), dissolved	µg/l	12	0.47	0.68583	0.84	0.66	0.84
Dissolved oxygen	mg/l	26	9.3	10.75769	12.1	10.80	9.60
Flow	m ³ /s	365	118	418.11781	2055	325.00	784.00
Lindane (gama-HCH)	µg/l	4	< 0.0006	< 0.0006	< 0.0006	0.0006	0.0006
Magnesium (Mg ⁺⁺)	mg/l	12	11	12.75	16	13.00	14.00
Mercury (Hg), dissolved	µg/l	12	< 0.0075	< 0.0075	< 0.0075	0.0075	0.0075
Nickel (Ni), dissolved	µg/l	12	0.26	1.07333	1.7	1.10	1.40
Nitrate (NO ₃ -N)	mg/l	26	0.843	1.22377	1.535	1.263	1.462
Nitrite (NO ₂ -N)	mg/l	26	0.006	0.01246	0.027	0.012	0.019
Orthophosphate (PO ₄ -P)	mg/l	26	0.011	0.03815	0.091	0.033	0.062
Potassium (K ⁺)	mg/l	12	0.82	1.0375	1.3	0.98	1.20
Sodium (Na ⁺)	mg/l	12	3.4	4.56667	5.7	4.50	5.60
Sulphate (SO ₄ ⁻⁻)	mg/l	12	7.77	10.34667	13.8	10.30	12.60
Suspended solids	mg/l	26	2.4	7.87308	24	7.20	13.00
TOC	mg/l	12	1.06	1.5325	2	1.43	1.78
Temperature	°C	26	6.7	13.48846	22.3	13.00	20.70
Total nitrogen	mg/l	26	1	1.34231	1.6	1.40	1.50
Total phosphorus	mg/l	26	0.036	0.06177	0.117	0.065	0.091
Zinc (Zn), dissolved	µg/l	12	< 4.5	4.95833	10	4.50	4.50
p,p'-DDT	µg/l	4	< 0.00135	< 0.00135	< 0.00135	0.0014	0.0014

pH - 26 7.9 8.12692 8.5 8.10 8.00

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River: Danube **Catchment:** 131329.0 km² **2014**
Distance from mouth: 1869 **Altitude:** 128 m **SK1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 5	8.41667	15.2	5.00	13.00
Alkalinity - total	mmol/l	12	2.63	3.27167	3.78	3.23	3.73
Ammonium (NH ₄ -N)	mg/l	25	< 0.01	0.0352	0.19	0.03	0.05
Anionic active surfactants	mg/l	12	< 0.015	0.0175	0.03	0.015	0.03
Arsenic (As), dissolved	µg/l	12	< 0.5	0.60083	1.71	0.50	0.50
Atrazine	µg/l	12	< 0.09	< 0.09	< 0.09	0.09	0.09
BOD (5)	mg/l	25	< 0.35	1.81	3.1	1.70	2.90
COD (Cr)	mg/l	12	< 2.5	10	20.3	9.70	13.00
COD (Mn)	mg/l	2	2.5	2.6	2.7		
Cadmium (Cd)	µg/l	1	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.0625	0.2	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	42.4	58.425	72.1	60.60	71.20
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	9.1	17.85	25.4	17.90	23.70
Chloroform	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr), total	µg/l	12	< 1	1.1675	3.01	1.00	1.00
Conductivity	µS/cm	12	305	432.41667	527	445.00	514.00
Copper (Cu), dissolved	µg/l	12	< 1	11.875	119	1.00	10.40
Dissolved oxygen	mg/l	12	9.3	10.86667	12.9	10.50	9.40
Iron (Fe)	mg/l	1	0.15	0.15	0.15		
Lead (Pb)	µg/l	1	< 0.5	< 0.5	< 0.5		
Lead (Pb), dissolved	µg/l	12	< 0.5	0.85833	4.8	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg ⁺⁺)	mg/l	12	8.7	13.75833	19	14.00	17.60
Manganese (Mn)	mg/l	1	0.034	0.034	0.034		
Mercury (Hg), dissolved	µg/l	12	< 0.025	0.03292	0.12	0.025	0.025
Nickel (Ni)	µg/l	1	< 0.5	< 0.5	< 0.5		
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.61667	1.9	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	25	0.89	1.728	2.7	1.69	2.56
Nitrite (NO ₂ -N)	mg/l	25	0.004	0.01116	0.019	0.01	0.018

Organic nitrogen	mg/l	12	< 0.1	0.38333	1.02	0.33	0.57
Orthophosphate (PO4-P)	mg/l	25	< 0.005	0.0576	0.18	0.05	0.13
Petroleum hydrocarbons	mg/l	12	< 0.01	0.01833	0.03	0.02	0.03
Phenol index	mg/l	12	< 0.003	< 0.003	< 0.003	0.003	0.003
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	3	17.93333	48.4	48.40	48.40
Potassium (K+)	mg/l	3	3	3.36667	3.7		
Silicates (SiO2)	mg/l	1	4	4	4		
Sodium (Na+)	mg/l	3	17	17.7	18.8		

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River: Danube **Catchment:** 131329.0 km² **2014**
Distance from mouth: 1869 **Altitude:** 128 m **SK1**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sulphate (SO4--)	mg/l	3	36	38.43333	42.5		
Suspended solids	mg/l	25	7	52.3	460	16.00	104.00
TOC	mg/l	12	2	3.01667	3.9	2.90	3.70
Temperature	°C	365	2.3	11.98148	21.45	12.36	19.24
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	25	1.09	2.1224	3.26	2.09	3.00
Total phosphorus	mg/l	25	0.04	0.0996	0.29	0.09	0.15
Total phosphorus, dissolved	mg/l	25	< 0.015	0.0608	0.14	0.06	0.12
Trichloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Zinc (Zn), dissolved	µg/l	12	< 10	< 10	< 10	10.00	10.00
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	7.37	8.025	8.55	8.01	7.76

River: Danube **Catchment:** 131329.0 km² **2014**
Distance from mouth: 1869 **Altitude:** 128 m **SK1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	7	< 5	8.58571	13	13.00	13.00
Alkalinity - total	mmol/l	12	2.58	3.29	3.75	3.25	3.74
Ammonium (NH ₄ -N)	mg/l	25	< 0.01	0.0228	0.06	0.02	0.04
Anionic active surfactants	mg/l	7	< 0.015	< 0.015	< 0.015	0.015	0.015
Arsenic (As), dissolved	µg/l	15	< 0.5	0.584	1.76	0.50	0.50
Atrazine	µg/l	12	< 0.09	< 0.09	< 0.09	0.09	0.09
BOD (5)	mg/l	25	< 0.35	1.642	3.1	1.40	2.70
COD (Cr)	mg/l	12	< 2.5	10.35833	22.5	8.80	12.90
COD (Mn)	mg/l	12	1.2	3.06667	8.1	2.60	3.80
Cadmium (Cd)	µg/l	3	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	15	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	42.7	58.44167	70.9	60.80	69.90
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	9.2	16.70833	23.8	15.20	23.20
Chloroform	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr), total	µg/l	15	< 1	1.26667	5	1.00	1.00
Conductivity	µS/cm	12	301	420.66667	514	428.00	508.00
Copper (Cu), dissolved	µg/l	15	< 1	21.33333	151	1.00	142.50
Dissolved oxygen	mg/l	12	9.4	10.94167	13	10.30	9.50
Flow	m ³ /s	365	975	1787.9835	5402	1534.00	2635.00
Iron (Fe)	mg/l	3	0.15	0.16333	0.18		
Lead (Pb)	µg/l	3	< 0.5	< 0.5	< 0.5		
Lead (Pb), dissolved	µg/l	15	< 0.5	0.93333	7	0.50	0.50
Lindane (gamma-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg ⁺⁺)	mg/l	12	8.6	13.45833	17.8	14.00	16.70
Manganese (Mn)	mg/l	3	< 0.0025	0.02217	0.034		
Mercury (Hg)	µg/l	2	< 0.025	< 0.025	< 0.025		
Mercury (Hg), dissolved	µg/l	14	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	3	< 0.5	< 0.5	< 0.5		
Nickel (Ni), dissolved	µg/l	15	< 0.5	0.70667	2.9	0.50	1.20
Nitrate (NO ₃ -N)	mg/l	25	0.9	1.6996	2.64	1.66	2.51
Nitrite (NO ₂ -N)	mg/l	25	0.004	0.01016	0.018	0.009	0.018
Organic nitrogen	mg/l	12	0.24	0.38083	0.76	0.33	0.52
Orthophosphate (PO ₄ -P)	mg/l	25	< 0.005	0.0488	0.14	0.04	0.11
Petroleum hydrocarbons	mg/l	7	< 0.01	0.01429	0.03	0.03	0.03
Phenol index	mg/l	7	< 0.003	0.00357	0.007	0.007	0.007
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	2.3	18.06667	54.4	54.40	54.40

Potassium (K+) mg/l 3 2.6 2.8 2.9

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River: Danube Catchment: 131329.0 km² 2014
 Distance from mouth: 1869 Altitude: 128 m SK1
 Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Silicates (SiO ₂)	mg/l	25	2.6	5.336	7.2	5.70	6.60
Sodium (Na ⁺)	mg/l	3	15.9	16.6	17.4		
Sulphate (SO ₄ ⁻⁻)	mg/l	3	32.4	35.13333	36.6		
Suspended solids	mg/l	25	5.5	54.54	483	13.00	111.00
TOC	mg/l	12	1.7	2.79167	3.9	2.70	3.50
Temperature	°C	12	2.6	11.14167	19.6	11.90	17.50
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	25	1.06	2.0552	3.11	1.89	2.90
Total phosphorus	mg/l	25	0.04	0.0964	0.4	0.07	0.14
Total phosphorus, dissolved	mg/l	25	< 0.015	0.0568	0.13	0.05	0.09
Trichloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Zinc (Zn)	µg/l	12	< 10	16.08333	43	10.00	40.00
Zinc (Zn), dissolved	µg/l	15	< 10	12.8	52	10.00	10.00
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	7.75	8.12917	8.54	8.07	7.95

River: Danube **Catchment:** 131329.0 km² **2014**
Distance from mouth: 1869 **Altitude:** 128 m **SK1**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	< 5	7.43333	16	5.00	14.80
Alkalinity - total	mmol/l	12	2.61	3.28333	3.81	3.28	3.80
Ammonium (NH ₄ -N)	mg/l	25	< 0.01	0.022	0.05	0.02	0.04
Anionic active surfactants	mg/l	12	< 0.015	< 0.015	< 0.015	0.015	0.015
Arsenic (As), dissolved	µg/l	12	< 0.5	0.56583	1.29	0.50	0.50
Atrazine	µg/l	12	< 0.09	< 0.09	< 0.09	0.09	0.09
BOD (5)	mg/l	25	< 0.35	1.61	3.1	1.30	2.60
COD (Cr)	mg/l	12	5.3	9.9	20.4	9.40	11.70
COD (Mn)	mg/l	2	2.3	2.45	2.6		
Cadmium (Cd)	µg/l	1	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	42.7	58.9	72.2	61.10	70.70
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	8.2	16.61667	23.2	15.70	22.60
Chloroform	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr), total	µg/l	12	< 1	< 1	< 1	1.00	1.00
Conductivity	µS/cm	12	297	415.08333	507	413.00	505.00
Copper (Cu), dissolved	µg/l	12	< 1	7.325	76.9	1.00	1.00
Dissolved oxygen	mg/l	12	9.3	10.83333	12.9	10.00	9.40
Iron (Fe)	mg/l	1	0.07	0.07	0.07		
Lead (Pb)	µg/l	1	< 0.5	< 0.5	< 0.5		
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Macrozoobenthos sapr. index	-	1	2.82	2.82	2.82		
Magnesium (Mg ⁺⁺)	mg/l	12	8.5	13.33333	17.1	13.70	16.30
Manganese (Mn)	mg/l	1	< 0.0025	< 0.0025	< 0.0025		
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	1	< 0.5	< 0.5	< 0.5		
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	25	0.89	1.754	2.89	1.73	2.57
Nitrite (NO ₂ -N)	mg/l	25	0.003	0.00968	0.019	0.008	0.017
Organic nitrogen	mg/l	12	< 0.1	0.2975	0.66	0.28	0.52
Orthophosphate (PO ₄ -P)	mg/l	25	< 0.005	0.0594	0.14	0.05	0.13
Petroleum hydrocarbons	mg/l	12	< 0.01	0.02	0.03	0.02	0.03
Phenol index	mg/l	12	< 0.003	0.00325	0.006	0.003	0.003
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	1.5	15.43333	49.1	49.10	49.10
Potassium (K ⁺)	mg/l	3	2.4	2.6	2.7		

Silicates (SiO₂) mg/l 1 3.5 3.5 3.5

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River: Danube **Catchment:** 131329.0 km² **2014**
Distance from mouth: 1869 **Altitude:** 128 m **SK1**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sodium (Na ⁺)	mg/l	3	15.4	16.26667	17.1		
Sulphate (SO ₄ ⁻⁻)	mg/l	3	29.8	31.66667	32.7		
Suspended solids	mg/l	25	6	42.46	340	13.00	96.00
TOC	mg/l	12	1.9	2.75	3.6	2.60	3.40
Temperature	°C	12	2.8	11.025	19.2	11.20	17.30
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	25	1.08	2.0516	3.25	1.95	2.91
Total phosphorus	mg/l	25	0.04	0.0964	0.29	0.08	0.14
Total phosphorus, dissolved	mg/l	25	< 0.015	0.0656	0.14	0.05	0.12
Trichloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Zinc (Zn), dissolved	µg/l	12	< 10	< 10	< 10	10.00	10.00
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	7.99	8.16167	8.54	8.08	8.00

River: Danube **Catchment:** 132168.0 km²
Distance from mouth: 1806 **Altitude:** 108 m **2014**
Location: Middle **SK2**

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	7	< 5	8.32857	12.1	12.10	12.10
Alkalinity - total	mmol/l	12	2.61	3.26167	3.85	3.32	3.80
Ammonium (NH ₄ -N)	mg/l	12	< 0.01	0.03083	0.07	0.03	0.05
Anionic active surfactants	mg/l	7	< 0.015	< 0.015	< 0.015	0.015	0.015
Arsenic (As), dissolved	µg/l	12	< 0.5	0.63417	1.53	0.50	1.08
Atrazine	µg/l	12	< 0.09	< 0.09	< 0.09	0.09	0.09
BOD (5)	mg/l	12	1	1.96667	3.9	1.40	3.20
COD (Cr)	mg/l	12	5.4	8.55833	14.3	8.10	10.50
COD (Mn)	mg/l	11	1.5	2.84545	4.5	2.60	3.90
Cadmium (Cd)	µg/l	1	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	44.5	59.7	71.2	59.30	70.30
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	9.5	16.16667	22.4	14.70	22.10
Chloroform	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr) - total	µg/l	9	< 1	1.17111	2.54	2.54	2.54
Chromium (Cr), total	µg/l	12	< 1	< 1	< 1	1.00	1.00
Conductivity	µS/cm	12	317	418.25	504	423.00	502.00
Copper (Cu), dissolved	µg/l	12	< 1	1.29167	3	1.00	2.50
Dissolved oxygen	mg/l	12	8.2	10.7	13.2	10.40	8.50
Flow	m ³ /s	365	916.9	1709.1868	4775.3	1478.30	2493.00
Iron (Fe)	mg/l	1	0.12	0.12	0.12		
Lead (Pb)	µg/l	1	< 0.5	< 0.5	< 0.5		
Lead (Pb), dissolved	µg/l	12	< 0.5	1.54167	13	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg ⁺⁺)	mg/l	12	9.3	13.725	17.6	14.00	17.40
Manganese (Mn)	mg/l	1	0.027	0.027	0.027		
Mercury (Hg), dissolved	µg/l	12	< 0.025	0.04625	0.28	0.025	0.025
Nickel (Ni)	µg/l	1	< 0.5	< 0.5	< 0.5		
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	12	0.82	1.67583	2.44	1.49	2.42
Nitrite (NO ₂ -N)	mg/l	12	0.005	0.01067	0.017	0.008	0.016
Organic nitrogen	mg/l	12	< 0.1	0.355	0.71	0.28	0.61
Orthophosphate (PO ₄ -P)	mg/l	12	< 0.005	0.04333	0.11	0.04	0.09
Petroleum hydrocarbons	mg/l	7	< 0.01	0.01429	0.03	0.03	0.03
Phenol index	mg/l	7	< 0.003	< 0.003	< 0.003	0.003	0.003
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	0.5	18.61667	63.4	63.40	63.40

Potassium (K+) mg/l 3 2.6 2.63333 2.7

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River: Danube **Catchment:** 132168.0 km² **2014**
Distance from mouth: 1806 **Altitude:** 108 m **SK2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Silicates (SiO ₂)	mg/l	1	3.8	3.8	3.8		
Sodium (Na ⁺)	mg/l	3	15.6	16.13333	16.8		
Sulphate (SO ₄ ⁻⁻)	mg/l	3	31.4	34.26667	37.7		
Suspended solids	mg/l	12	4.5	29.01667	140	15.00	60.00
TOC	mg/l	12	1.7	2.69167	3.4	2.60	3.40
Temperature	°C	12	2.4	11.825	20.8	12.70	19.50
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	12	1.15	2.0725	2.8	1.84	2.77
Total phosphorus	mg/l	12	0.05	0.085	0.17	0.06	0.14
Total phosphorus, dissolved	mg/l	12	< 0.015	0.05458	0.12	0.05	0.08
Trichloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Zinc (Zn)	µg/l	9	< 10	< 10	< 10	10.00	10.00
Zinc (Zn), dissolved	µg/l	12	< 10	< 10	< 10	10.00	10.00
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	7.88	8.1225	8.51	8.07	7.91

River: Danube **Catchment:** 132168.0_n km² **2014**
Distance from mouth: 1806 **Altitude:** 108 m **SK2**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Macrozoobenthos sapr. index	-	1	2.57	2.57	2.57		

River: Vah **Catchment:** 19661.00 km2 **2014**
Distance from mouth: 2 **Altitude:** 106 m **SK4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	7	10.9	12.91429	16.5	16.50	16.50
Alkalinity - total	mmol/l	12	2.95	3.425	3.85	3.46	3.85
Ammonium (NH4-N)	mg/l	12	0.03	0.1025	0.38	0.07	0.18
Anionic active surfactants	mg/l	7	< 0.015	0.01714	0.03	0.03	0.03
Arsenic (As), dissolved	µg/l	12	< 0.5	1.36167	3.35	1.31	1.59
Atrazine	µg/l	12	< 0.09	< 0.09	< 0.09	0.09	0.09
BOD (5)	mg/l	12	0.9	2.4	4	2.50	3.80
COD (Cr)	mg/l	12	6.6	10.48333	18.7	9.70	12.00
COD (Mn)	mg/l	5	1	2.52	3.5	3.50	3.50
Cadmium (Cd)	µg/l	1	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	12	49.2	61.56667	72.8	61.80	71.00
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	12	16.16667	24	14.80	21.50
Chloroform	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr), total	µg/l	12	< 1	< 1	< 1	1.00	1.00
Conductivity	µS/cm	12	378	455.25	545	469.00	522.00
Copper (Cu), dissolved	µg/l	12	< 1	< 1	< 1	1.00	1.00
Dissolved oxygen	mg/l	12	7.5	9.59167	13.3	8.60	7.80
Flow	m3/s	365	54.6	186.81397	748.5	171.90	264.70
Iron (Fe)	mg/l	1	0.07	0.07	0.07		
Lead (Pb)	µg/l	1	< 0.5	< 0.5	< 0.5		
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg++)	mg/l	12	10.5	14.125	18	13.30	17.70
Manganese (Mn)	mg/l	1	< 0.0025	< 0.0025	< 0.0025		
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	1	< 0.5	< 0.5	< 0.5		
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.66667	2.5	0.50	0.50
Nitrate (NO3-N)	mg/l	12	1.16	1.63167	2.46	1.55	2.16
Nitrite (NO2-N)	mg/l	12	0.016	0.0215	0.033	0.018	0.029
Organic nitrogen	mg/l	12	< 0.1	0.42083	0.67	0.37	0.64
Orthophosphate (PO4-P)	mg/l	12	0.06	0.10083	0.2	0.08	0.14
Petroleum hydrocarbons	mg/l	7	< 0.01	0.01857	0.05	0.05	0.05
Phenol index	mg/l	7	< 0.003	0.00343	0.006	0.006	0.006
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	2.1	5.57143	13.6	13.60	13.60
Potassium (K+)	mg/l	3	3.6	3.7	3.8		

Silicates (SiO₂) mg/l 10 4.2 6.7 8.8 8.80 8.80

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River: Vah **Catchment:** 19661.00 km² **2014**
Distance from mouth: 2 **Altitude:** 106 m **SK4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sodium (Na ⁺)	mg/l	3	15.2	17.8	19.5		
Sulphate (SO ₄ ⁻⁻)	mg/l	3	35	40.43333	44.7		
Suspended solids	mg/l	12	10	16.875	25	17.50	19.00
TOC	mg/l	12	2.8	3.28333	4.2	3.10	3.80
Temperature	°C	12	1.2	12.70833	25	13.30	22.60
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	12	0.21	2.0175	3.03	1.97	2.99
Total phosphorus	mg/l	12	0.1	0.14083	0.24	0.13	0.16
Total phosphorus, dissolved	mg/l	12	0.07	0.10917	0.21	0.10	0.14
Trichloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Zinc (Zn), dissolved	µg/l	12	< 10	< 10	< 10	10.00	10.00
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	7.76	7.97417	8.34	8.02	7.78

River: Vah **Catchment:** 19661.00 km2 **2014**
Distance from mouth: 2 **Altitude:** 106 m **SK4**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Macrozoobenthos sapr. index	-	1	2.41	2.41	2.41		

River: Danube **Catchment:** 183350.0 km² **2014**
Distance from mouth: 1707 **Altitude:** 100 m **SK5**
Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	7	< 5	10.02857	14.4	14.40	14.40
Alkalinity - total	mmol/l	12	2.44	3.15333	3.64	3.14	3.54
Ammonium (NH ₄ -N)	mg/l	12	0.03	0.05333	0.08	0.04	0.07
Anionic active surfactants	mg/l	7	< 0.015	< 0.015	< 0.015	0.015	0.015
Arsenic (As), dissolved	µg/l	3	1.14	1.61	1.95		
Atrazine	µg/l	2	< 0.09	< 0.09	< 0.09		
BOD (5)	mg/l	12	0.9	1.85	3.3	1.60	2.70
COD (Cr)	mg/l	12	7	11.75	18.8	10.80	16.60
COD (Mn)	mg/l	1	2.7	2.7	2.7		
Cadmium (Cd)	µg/l	1	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	40.2	58.025	70.1	56.10	68.80
Carbon tetrachloride	µg/l	1	< 0.2	< 0.2	< 0.2		
Chloride (Cl ⁻)	mg/l	12	10.2	16.60833	21.9	16.10	21.50
Chloroform	µg/l	1	< 0.25	< 0.25	< 0.25		
Chromium (Cr), total	µg/l	12	< 1	< 1	< 1	1.00	1.00
Conductivity	µS/cm	12	316	433.08333	501	439.00	498.00
Copper (Cu), dissolved	µg/l	11	< 1	1.13636	2.5	1.00	1.00
Dissolved oxygen	mg/l	12	6.8	10.15833	13.6	9.30	7.80
Iron (Fe)	mg/l	1	0.23	0.23	0.23		
Lead (Pb)	µg/l	1	< 0.5	< 0.5	< 0.5		
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	2	< 0.001	< 0.001	< 0.001		
Macrozoobenthos sapr. index	-	1	2.11	2.11	2.11		
Magnesium (Mg ⁺⁺)	mg/l	12	9.4	14.975	20.2	14.40	18.90
Manganese (Mn)	mg/l	1	0.045	0.045	0.045		
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	1	< 0.5	< 0.5	< 0.5		
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	12	1.32	1.8775	2.51	1.69	2.45
Nitrite (NO ₂ -N)	mg/l	12	0.011	0.01808	0.032	0.017	0.022
Organic nitrogen	mg/l	12	< 0.1	0.3425	0.72	0.37	0.55
Orthophosphate (PO ₄ -P)	mg/l	12	0.02	0.09083	0.17	0.09	0.14
Petroleum hydrocarbons	mg/l	7	< 0.01	0.01571	0.02	0.02	0.02
Phenol index	mg/l	7	< 0.003	< 0.003	< 0.003	0.003	0.003
Potassium (K ⁺)	mg/l	2	3	3.2	3.4		
Silicates (SiO ₂)	mg/l	1	8.4	8.4	8.4		

Sodium (Na+) mg/l 2 16.8 17.2 17.6

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River: Danube Catchment: 183350.0 km² 2014
 Distance from mouth: 1707 Altitude: 100 m SK5
 Location: Left

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sulphate (SO ₄ ⁻⁻)	mg/l	2	37.6	40.95	44.3		
Suspended solids	mg/l	12	6	57.08333	201	25.00	134.00
TOC	mg/l	12	2.4	3.53333	5	3.20	4.60
Temperature	°C	12	1.8	12.11667	21.8	13.40	20.30
Tetrachloroethylene	µg/l	1	< 0.25	< 0.25	< 0.25		
Total nitrogen	mg/l	12	1.75	2.29333	2.9	2.18	2.64
Total phosphorus	mg/l	12	0.07	0.1375	0.24	0.10	0.22
Total phosphorus, dissolved	mg/l	12	0.05	0.11083	0.18	0.10	0.18
Trichloroethylene	µg/l	1	< 0.25	< 0.25	< 0.25		
Zinc (Zn), dissolved	µg/l	2	< 10	< 10	< 10		
p,p'-DDT	µg/l	2	< 0.001	< 0.001	< 0.001		
pH	-	12	7.73	7.97417	8.38	7.95	7.74

River: Danube **Catchment:** 183350.0 km² **2014**
Distance from mouth: 1707 **Altitude:** 100 m **SK5**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	7	< 5	8.12857	14.8	14.80	14.80
Alkalinity - total	mmol/l	12	2.62	3.275	3.82	3.36	3.79
Ammonium (NH ₄ -N)	mg/l	12	0.02	0.03667	0.07	0.03	0.05
Anionic active surfactants	mg/l	7	< 0.015	< 0.015	< 0.015	0.015	0.015
Arsenic (As), dissolved	µg/l	12	< 0.5	0.79667	1.39	0.50	1.28
Atrazine	µg/l	12	< 0.09	< 0.09	< 0.09	0.09	0.09
BOD (5)	mg/l	12	< 0.35	1.7625	3.5	1.50	2.70
COD (Cr)	mg/l	12	5.2	8.58333	13.4	8.00	12.20
COD (Mn)	mg/l	5	1.4	2.54	3.6	3.60	3.60
Cadmium (Cd)	µg/l	1	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	0.05417	0.1	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	44.3	61.625	86.4	57.80	72.60
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	8.9	17.21667	24.3	17.30	23.70
Chloroform	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr), total	µg/l	12	< 1	< 1	< 1	1.00	1.00
Conductivity	µS/cm	12	312	430.41667	531	450.00	512.00
Copper (Cu), dissolved	µg/l	12	< 1	1.125	2.5	1.00	1.00
Dissolved oxygen	mg/l	12	7.9	10.59167	13.4	10.10	8.30
Iron (Fe)	mg/l	1	0.26	0.26	0.26		
Lead (Pb)	µg/l	1	< 0.5	< 0.5	< 0.5		
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Magnesium (Mg ⁺⁺)	mg/l	12	9.1	14.56667	19.7	14.00	19.30
Manganese (Mn)	mg/l	1	0.038	0.038	0.038		
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	1	< 0.5	< 0.5	< 0.5		
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.63333	2.1	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	12	1.03	1.80167	2.61	1.67	2.50
Nitrite (NO ₂ -N)	mg/l	12	0.006	0.01233	0.02	0.01	0.018
Organic nitrogen	mg/l	12	< 0.1	0.345	0.75	0.29	0.64
Orthophosphate (PO ₄ -P)	mg/l	12	0.01	0.04917	0.08	0.05	0.08
Petroleum hydrocarbons	mg/l	7	< 0.01	0.01571	0.02	0.02	0.02
Phenol index	mg/l	7	< 0.003	< 0.003	< 0.003	0.003	0.003
Phytoplankton (biomass - chlorophyll-a)	µg/l	6	< 0.25	10.65833	37.4	37.40	37.40
Potassium (K ⁺)	mg/l	2	2.8	2.85	2.9		
Silicates (SiO ₂)	mg/l	9	2.1	5.28556	8.3	8.30	8.30

Sodium (Na+) mg/l 2 17.1 17.6 18.1

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River: Danube Catchment: 183350.0 km2 2014
 Distance from mouth: 1707 Altitude: 100 m SK5
 Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sulphate (SO4--)	mg/l	3	35.5	39.2	43		
Suspended solids	mg/l	12	3	36.5	148	16.00	128.00
TOC	mg/l	12	1.9	2.99167	3.8	3.00	3.50
Temperature	°C	12	2.2	11.94167	21	13.20	19.30
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	12	1.44	2.1925	2.78	2.18	2.68
Total phosphorus	mg/l	12	0.05	0.09083	0.17	0.09	0.13
Total phosphorus, dissolved	mg/l	12	0.03	0.06333	0.1	0.06	0.10
Trichloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Zinc (Zn)	µg/l	9	< 10	< 10	< 10	10.00	10.00
Zinc (Zn), dissolved	µg/l	12	< 10	< 10	< 10	10.00	10.00
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	7.77	8.09667	8.46	8.10	7.88

River: Danube **Catchment:** 183350.0 km² **2014**
Distance from mouth: 1707 **Altitude:** 100 m **SK5**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	7	< 5	8.2	15.8	15.80	15.80
Alkalinity - total	mmol/l	12	2.59	3.2875	3.89	3.33	3.82
Ammonium (NH ₄ -N)	mg/l	12	0.02	0.04417	0.09	0.04	0.06
Anionic active surfactants	mg/l	7	< 0.015	< 0.015	< 0.015	0.015	0.015
Arsenic (As), dissolved	µg/l	3	< 0.5	< 0.5	< 0.5		
Atrazine	µg/l	2	< 0.09	< 0.09	< 0.09		
BOD (5)	mg/l	12	0.8	1.7	3.1	1.40	2.50
COD (Cr)	mg/l	12	5	8.05	11.6	7.70	10.90
COD (Mn)	mg/l	1	2.4	2.4	2.4		
Cadmium (Cd)	µg/l	1	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	43.8	60.80833	73.1	59.70	72.70
Carbon tetrachloride	µg/l	1	< 0.2	< 0.2	< 0.2		
Chloride (Cl ⁻)	mg/l	12	9.1	17.96667	25.2	17.30	24.50
Chloroform	µg/l	1	< 0.25	< 0.25	< 0.25		
Chromium (Cr), total	µg/l	12	< 1	< 1	< 1	1.00	1.00
Conductivity	µS/cm	12	310	438.16667	520	460.00	520.00
Copper (Cu), dissolved	µg/l	11	< 1	< 1	< 1	1.00	1.00
Dissolved oxygen	mg/l	12	7.8	10.31667	13.3	9.40	8.40
Iron (Fe)	mg/l	1	0.19	0.19	0.19		
Lead (Pb)	µg/l	1	< 0.5	< 0.5	< 0.5		
Lead (Pb), dissolved	µg/l	12	< 0.5	0.75833	3.6	0.50	0.50
Lindane (gama-HCH)	µg/l	2	< 0.001	< 0.001	< 0.001		
Macrozoobenthos sapr. index	-	1	2.04	2.04	2.04		
Magnesium (Mg ⁺⁺)	mg/l	12	9.2	15.2	20.8	14.90	20.70
Manganese (Mn)	mg/l	1	0.037	0.037	0.037		
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	1	< 0.5	< 0.5	< 0.5		
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	12	0.95	1.8025	2.55	1.59	2.53
Nitrite (NO ₂ -N)	mg/l	12	0.007	0.01308	0.019	0.011	0.019
Organic nitrogen	mg/l	12	< 0.1	0.28417	0.66	0.26	0.59
Orthophosphate (PO ₄ -P)	mg/l	12	0.01	0.06	0.14	0.05	0.09
Petroleum hydrocarbons	mg/l	7	< 0.01	0.01286	0.02	0.02	0.02
Phenol index	mg/l	7	< 0.003	< 0.003	< 0.003	0.003	0.003
Potassium (K ⁺)	mg/l	2	2.8	2.95	3.1		
Silicates (SiO ₂)	mg/l	1	4.9	4.9	4.9		

Sodium (Na+) mg/l 2 17.8 18.55 19.3

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River: Danube Catchment: 183350.0 km2 2014
 Distance from mouth: 1707 Altitude: 100 m SK5
 Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Sulphate (SO4--)	mg/l	2	38.5	42.1	45.7		
Suspended solids	mg/l	12	5.5	36.41667	130	20.00	100.00
TOC	mg/l	12	2	3	4.1	3.10	3.40
Temperature	°C	12	1.8	12	21.2	13.00	19.50
Tetrachloroethylene	µg/l	1	< 0.25	< 0.25	< 0.25		
Total nitrogen	mg/l	12	1.21	2.14833	2.84	2.18	2.74
Total phosphorus	mg/l	12	0.06	0.09917	0.18	0.08	0.17
Total phosphorus, dissolved	mg/l	12	0.03	0.075	0.15	0.07	0.10
Trichloroethylene	µg/l	1	< 0.25	< 0.25	< 0.25		
Zinc (Zn), dissolved	µg/l	2	< 10	< 10	< 10		
p,p'-DDT	µg/l	2	< 0.001	< 0.001	< 0.001		
pH	-	12	7.83	8.10667	8.47	8.11	7.88

River: Morava **Catchment:** 26574.99 km2 **2014**
Distance from mouth: 1 **Altitude:** 145 m **SK6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	12	16.3	19.38333	25.4	18.50	23.50
Alkalinity - total	mmol/l	12	2.23	3.25083	3.7	3.21	3.65
Ammonium (NH ₄ -N)	mg/l	12	0.02	0.06417	0.17	0.04	0.10
Arsenic (As)	µg/l	6	< 0.5	1.37333	2.7	2.70	2.70
Arsenic (As), dissolved	µg/l	12	< 0.5	0.86333	2.4	0.50	1.98
Atrazine	µg/l	10	< 0.09	< 0.09	< 0.09	0.09	0.09
BOD (5)	mg/l	12	1.7	3.99167	10	2.80	6.90
COD (Cr)	mg/l	12	11	20.48333	39.6	17.00	31.30
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	47.5	68.90833	87.9	64.90	85.60
Carbon tetrachloride	µg/l	10	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	20.9	34.86667	43.4	35.30	40.90
Chloroform	µg/l	10	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr) - total	µg/l	1	< 1	< 1	< 1		
Chromium (Cr), total	µg/l	11	< 1	< 1	< 1	1.00	1.00
Conductivity	µS/cm	12	397	591.41667	681	583.00	661.00
Copper (Cu)	µg/l	12	< 1	2.075	6.7	1.00	3.90
Copper (Cu), dissolved	µg/l	12	< 1	1.10833	2.3	1.00	1.00
Dissolved oxygen	mg/l	12	7.4	9.81667	12.3	9.40	7.80
Flow	m ³ /s	365	27.5	80.01233	293.9	68.70	131.70
Iron (Fe)	mg/l	12	0.17	0.66667	2.91	0.32	1.06
Lead (Pb)	µg/l	6	< 0.5	0.81667	1.5	1.50	1.50
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Macrozoobenthos sapr. index	-	3	2.17	2.25	2.41		
Magnesium (Mg ⁺⁺)	mg/l	12	9.5	18	27.4	16.90	24.70
Manganese (Mn)	mg/l	12	0.06	0.13	0.34	0.108	0.17
Mercury (Hg), dissolved	µg/l	7	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	12	< 0.5	1.90167	4.7	1.60	2.50
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.93333	1.6	0.50	1.50
Nitrate (NO ₃ -N)	mg/l	12	< 0.115	2.11542	3.37	2.51	3.20
Nitrite (NO ₂ -N)	mg/l	12	0.007	0.02	0.035	0.017	0.032
Orthophosphate (PO ₄ -P)	mg/l	12	< 0.005	0.14708	0.32	0.14	0.27
Petroleum hydrocarbons	mg/l	6	0.02	0.03	0.04	0.04	0.04
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	1.9	58.85714	166	166.00	166.00
Potassium (K ⁺)	mg/l	12	4.6	6.71083	9.4	7.00	7.30
Sodium (Na ⁺)	mg/l	12	17	28.325	34	29.90	32.60

Sulphate (SO4--)

mg/l	2	72.1	72.15	72.2
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River: Morava **Catchment:** 26574.99 km2 **2014**
Distance from mouth: 1 **Altitude:** 145 m **SK6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Suspended solids	mg/l	12	8	60	390	24.00	52.00
TOC	mg/l	12	4.2	5.50833	7	5.50	6.20
Temperature	°C	12	3.8	13.15	25.1	13.40	20.70
Tetrachloroethylene	µg/l	10	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	12	1.46	3.17167	4.27	3.39	3.99
Total phosphorus	mg/l	12	0.14	0.25667	0.53	0.20	0.41
Total phosphorus, dissolved	mg/l	12	0.03	0.17	0.36	0.15	0.36
Trichloroethylene	µg/l	10	< 0.25	< 0.25	< 0.25	0.25	0.25
Zinc (Zn)	µg/l	12	< 10	13.16667	38	10.00	20.00
Zinc (Zn), dissolved	µg/l	12	< 10	< 10	< 10	10.00	10.00
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	7.83	8.10083	8.57	8.00	7.94

River: Danube/Hron **Catchment:** 5416.83 km2 **2014**
Distance from mouth: 2 **Altitude:** 114 m **SK7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	7	< 5	7.6	11.4	11.40	11.40
Alkalinity - total	mmol/l	12	1.89	2.38583	2.86	2.38	2.65
Ammonium (NH ₄ -N)	mg/l	12	< 0.01	0.0325	0.08	0.03	0.07
Anionic active surfactants	mg/l	7	< 0.015	< 0.015	< 0.015	0.015	0.015
Arsenic (As), dissolved	µg/l	12	< 0.5	5.6025	8.18	6.12	7.26
Atrazine	µg/l	12	< 0.09	< 0.09	< 0.09	0.09	0.09
BOD (5)	mg/l	12	1.2	1.85833	2.9	1.60	2.70
COD (Cr)	mg/l	12	6.2	11.25833	24.8	9.80	16.70
COD (Mn)	mg/l	9	2.1	3.31111	5.4	5.40	5.40
Cadmium (Cd)	µg/l	1	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca ⁺⁺)	mg/l	12	32.3	43.40833	56.8	43.50	48.80
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl ⁻)	mg/l	12	8.3	10.96667	14.8	10.50	13.50
Chloroform	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr), total	µg/l	12	< 1	< 1	< 1	1.00	1.00
Conductivity	µS/cm	12	273	352.33333	404	353.00	397.00
Copper (Cu), dissolved	µg/l	12	< 1	1.23333	2.6	1.00	2.20
Dissolved oxygen	mg/l	12	8.3	10.40833	13.5	9.80	8.40
Flow	m ³ /s	365	16.8	52.08822	272.4	44.40	82.20
Iron (Fe)	mg/l	1	0.11	0.11	0.11		
Lead (Pb)	µg/l	1	< 0.5	< 0.5	< 0.5		
Lead (Pb), dissolved	µg/l	12	< 0.5	0.60833	1.8	0.50	0.50
Lindane (gamma-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Macrozoobenthos sapr. index	-	1	2.24	2.24	2.24		
Magnesium (Mg ⁺⁺)	mg/l	12	8.8	13.525	20.6	13.20	17.00
Manganese (Mn)	mg/l	1	0.034	0.034	0.034		
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	1	< 0.5	< 0.5	< 0.5		
Nickel (Ni), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Nitrate (NO ₃ -N)	mg/l	12	1.42	1.76917	2.35	1.72	2.31
Nitrite (NO ₂ -N)	mg/l	12	0.011	0.01458	0.022	0.013	0.019
Organic nitrogen	mg/l	12	< 0.1	0.36917	0.62	0.37	0.61
Orthophosphate (PO ₄ -P)	mg/l	12	0.08	0.1125	0.16	0.10	0.16
Petroleum hydrocarbons	mg/l	7	< 0.01	0.01286	0.02	0.02	0.02
Phenol index	mg/l	7	< 0.003	0.00357	0.007	0.007	0.007
Phytoplankton (biomass - chlorophyll-a)	µg/l	7	3.4	7.48571	10.6	10.60	10.60

Potassium (K+) mg/l 3 3.9 3.96667 4

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River: Danube/Hron **Catchment:** 5416.83 km2 **2014**
Distance from mouth: 2 **Altitude:** 114 m **SK7**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Silicates (SiO ₂)	mg/l	10	11.6	14.42	17.4	17.40	17.40
Sodium (Na ⁺)	mg/l	3	12.3	12.9	14		
Sulphate (SO ₄ ⁻⁻)	mg/l	3	44.5	44.7	44.9		
Suspended solids	mg/l	12	6	22.75	114	12.00	36.00
TOC	mg/l	12	2.2	3.24167	5.6	2.80	4.50
Temperature	°C	12	1.6	11.425	21.7	12.20	19.70
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	12	1.86	2.19167	2.87	2.10	2.64
Total phosphorus	mg/l	12	0.12	0.1625	0.32	0.14	0.20
Total phosphorus, dissolved	mg/l	12	0.09	0.12333	0.18	0.11	0.17
Trichloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Zinc (Zn), dissolved	µg/l	12	< 10	13.08333	34	10.00	23.00
p,p'-DDT	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
pH	-	12	7.87	7.99833	8.24	7.97	7.89

River: Danube/Ipoly **Catchment:** 5060.34 km2 **2014**
Distance from mouth: 12 **Altitude:** 110 m **SK8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
AOX	µg/l	7	12.1	20.25714	52.2	52.20	52.20
Alkalinity - total	mmol/l	12	2.34	3.4825	4.38	3.38	4.23
Ammonium (NH4-N)	mg/l	12	0.03	0.07333	0.17	0.05	0.12
Anionic active surfactants	mg/l	7	< 0.015	< 0.015	< 0.015	0.015	0.015
Arsenic (As), dissolved	µg/l	12	< 0.5	0.92167	1.78	0.50	1.53
Atrazine	µg/l	12	< 0.09	< 0.09	< 0.09	0.09	0.09
BOD (5)	mg/l	12	1.2	2.46667	4.2	2.30	3.60
COD (Cr)	mg/l	12	9.8	20.99167	80.6	13.40	30.60
COD (Mn)	mg/l	5	3.2	4.7	6	6.00	6.00
Cadmium (Cd)	µg/l	1	< 0.05	< 0.05	< 0.05		
Cadmium (Cd), dissolved	µg/l	12	< 0.05	< 0.05	< 0.05	0.05	0.05
Calcium (Ca++)	mg/l	12	38.3	61.85833	85	61.40	77.30
Carbon tetrachloride	µg/l	12	< 0.2	< 0.2	< 0.2	0.20	0.20
Chloride (Cl-)	mg/l	12	13.7	22.04167	25.7	23.60	25.20
Chloroform	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Chromium (Cr) - total	µg/l	9	< 1	2.76778	13.99	13.99	13.99
Chromium (Cr), total	µg/l	12	< 1	< 1	< 1	1.00	1.00
Conductivity	µS/cm	12	340	515.58333	620	519.00	607.00
Copper (Cu), dissolved	µg/l	12	< 1	< 1	< 1	1.00	1.00
Dissolved oxygen	mg/l	12	7.5	10.60833	13.8	9.70	8.60
Flow	m3/s	365	3.3	14.02192	62.3	11.00	28.00
Iron (Fe)	mg/l	1	0.21	0.21	0.21		
Lead (Pb)	µg/l	1	< 0.5	< 0.5	< 0.5		
Lead (Pb), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lindane (gama-HCH)	µg/l	12	< 0.001	< 0.001	< 0.001	0.001	0.001
Macrozoobenthos sapr. index	-	1	2.22	2.22	2.22		
Magnesium (Mg++)	mg/l	12	10.4	18.99167	29.1	18.10	26.00
Manganese (Mn)	mg/l	1	0.091	0.091	0.091		
Mercury (Hg), dissolved	µg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Nickel (Ni)	µg/l	1	< 0.5	< 0.5	< 0.5		
Nickel (Ni), dissolved	µg/l	12	< 0.5	0.64167	2.2	0.50	0.50
Nitrate (NO3-N)	mg/l	12	1.08	2.19333	3.54	2.06	3.10
Nitrite (NO2-N)	mg/l	12	0.009	0.0245	0.073	0.021	0.034
Organic nitrogen	mg/l	12	0.25	0.7475	2.76	0.54	0.99
Orthophosphate (PO4-P)	mg/l	12	0.04	0.16917	0.31	0.17	0.29
Petroleum hydrocarbons	mg/l	7	< 0.01	0.01429	0.02	0.02	0.02
Phenol index	mg/l	7	< 0.003	< 0.003	< 0.003	0.003	0.003

Phytoplankton (biomass - chlorophyll-a) µg/l 6 2.9 22.43333 93.1 93.10 93.10

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River: Danube/Ipoly **Catchment:** 5060.34 km2 **2014**
Distance from mouth: 12 **Altitude:** 110 m **SK8**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Potassium (K+)	mg/l	3	6.1	6.16667	6.3		
Silicates (SiO2)	mg/l	10	13.6	20.44	26.1	26.10	26.10
Sodium (Na+)	mg/l	3	18.5	18.93333	19.2		
Sulphate (SO4--)	mg/l	3	58.3	63.9	70.7		
Suspended solids	mg/l	12	10	145	1368	23.00	132.00
TOC	mg/l	12	3.9	5.21667	8.6	4.50	7.50
Temperature	°C	12	1.5	11.80833	22.5	12.00	21.60
Tetrachloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Total nitrogen	mg/l	12	2.1	3.0375	4.71	2.75	4.42
Total phosphorus	mg/l	12	0.14	0.30083	1.2	0.20	0.45
Total phosphorus, dissolved	mg/l	12	0.08	0.19167	0.4	0.18	0.33
Trichloroethylene	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Zinc (Zn)	µg/l	9	< 10	28.33333	110	110.00	110.00
Zinc (Zn), dissolved	µg/l	12	< 10	11.58333	29	10.00	10.00
p,p'-DDT	µg/l	12	< 0.001	0.00133	0.005	0.001	0.001
pH	-	12	7.82	7.98417	8.3	7.95	7.82

River: Danube **Catchment:** 805/00.0 km² **2014**
Distance from mouth: 132 **Altitude:** 4 m **UA1**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.69	2.9925	3.48	2.98	3.28
Ammonium (NH ₄ -N)	mg/l	12	0.03	0.08833	0.17	0.05	0.15
Anionic active surfactants	mg/l	3	0.01	0.02333	0.05		
BOD (5)	mg/l	12	0.78	1.3175	1.88	1.20	1.84
COD (Cr)	mg/l	12	11.5	14.15	17.9	13.50	15.80
COD (Mn)	mg/l	12	3.18	3.82667	4.55	3.87	4.36
Calcium (Ca ⁺⁺)	mg/l	12	42.4	50.41667	59	51.10	58.20
Chloride (Cl ⁻)	mg/l	12	20	31.61667	37.9	30.50	37.90
Chromium (Cr), total	µg/l	12	3	6.16667	11	5.00	10.00
Copper (Cu), dissolved	µg/l	12	< 0.5	4.25	10.1	4.30	7.40
Dissolved oxygen	mg/l	12	7.28	9.45183	12.6	8.692	7.72
Flow	m ³ /s	365	3620	7534.1643	13700	7280.00	10600.00
Magnesium (Mg ⁺⁺)	mg/l	12	12.3	15.95	20.1	15.10	18.80
Nitrate (NO ₃ -N)	mg/l	12	0.41	1.0475	1.8	1.04	1.52
Nitrite (NO ₂ -N)	mg/l	12	0.014	0.0235	0.05	0.017	0.04

Orthophosphate (PO4-P)	mg/l	12	0.034	0.04975	0.073	0.046	0.068
Petroleum hydrocarbons	mg/l	1	0.01	0.01	0.01		
Silicates (SiO2)	mg/l	12	1.31	2.98167	4.21	2.94	4.01
Sulphate (SO4--)	mg/l	12	38.4	50.81667	57.6	48.00	57.60
Suspended solids	mg/l	12	23.5	72.675	220	41.80	132.00
Temperature	°C	12	1.8	14.575	26	13.00	25.00
Total phosphorus, dissolved	mg/l	12	0.049	0.09325	0.148	0.091	0.131
Zinc (Zn), dissolved	µg/l	12	< 1.25	9.89167	14.8	11.10	14.20
p,p'-DDT	µg/l	1	< 0.025	< 0.025	< 0.025		
pH	-	12	7.75	7.97	8.14	8.00	7.80

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River: Danube **Catchment:** 817000.0 km2 **2014**
Distance from mouth: 18 **Altitude:** 1 m **UA2**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.64	2.9775	3.43	2.87	3.33
Ammonium (NH4-N)	mg/l	12	0.04	0.09583	0.14	0.10	0.14
Anionic active surfactants	mg/l	5	0.01	0.014	0.02	0.02	0.02
BOD (5)	mg/l	12	0.51	1.25167	2.15	1.20	1.69
COD (Cr)	mg/l	12	9.7	13.48333	18.2	13.40	16.10
COD (Mn)	mg/l	12	3.2	3.88667	4.86	3.92	4.65
Calcium (Ca++)	mg/l	12	42.4	50.975	59	51.00	57.40
Chloride (Cl-)	mg/l	12	23.4	32.15833	40.5	30.60	37.90
Chromium (Cr), total	µg/l	10	1	4.4	12	12.00	12.00
Copper (Cu), dissolved	µg/l	12	1.8	3.94167	5.9	4.00	5.60
Dissolved oxygen	mg/l	12	6.32	9.15667	12.6	8.69	7.03
Flow	m3/s	365	1760	3627.0411	7130	3480.00	5120.00
Magnesium (Mg++)	mg/l	12	10.8	16.28333	19.6	15.90	19.10

Nitrate (NO3-N)	mg/l	12	0.55	1.03167	1.56	1.07	1.35
Nitrite (NO2-N)	mg/l	12	0.005	0.02633	0.06	0.025	0.05
Orthophosphate (PO4-P)	mg/l	12	0.035	0.04983	0.071	0.044	0.067
Petroleum hydrocarbons	mg/l	1	0.01	0.01	0.01		
Silicates (SiO2)	mg/l	12	1.27	2.91833	3.84	2.96	3.69
Sulphate (SO4--)	mg/l	12	38.4	49.225	57.6	48.00	57.10
Suspended solids	mg/l	12	30	71.3	173	70.00	101.00
Temperature	°C	12	0.3	14.475	27	12.00	25.00
Total phosphorus, dissolved	mg/l	12	0.069	0.10175	0.149	0.079	0.142
Zinc (Zn), dissolved	µg/l	12	6.9	12.4	20.6	10.60	16.20
pH	-	12	7.7	7.94167	8.15	7.90	7.80

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River: Tisza **Catchment:** 33000.00 km2 **2014**
Distance from mouth: 342 **Altitude:** 92 m **UA4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	1.7	1.99167	2.6	1.90	2.30
Ammonium (NH4-N)	mg/l	12	< 0.05	0.12333	0.17	0.14	0.16
Arsenic (As)	µg/l	12	5	5.09167	6.1	5.00	5.00
Arsenic (As), dissolved	µg/l	12	5	5	5	5.00	5.00
Atrazine	µg/l	4	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	< 1.5	1.76667	3.1	1.50	3.10
COD (Cr)	mg/l	12	7.2	10.475	17	9.30	15.20
COD (Mn)	mg/l	12	3.5	4.36667	6.4	3.90	5.80
Cadmium (Cd)	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Cadmium (Cd), dissolved	µg/l	12	0.2	0.2	0.2	0.20	0.20
Calcium (Ca++)	mg/l	12	21.4	26.01667	32.3	26.10	30.40

Carbon tetrachloride	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Chloride (Cl-)	mg/l	12	10.6	18.68333	30.4	17.70	28.40
Chloroform	µg/l	4	< 5	< 5	< 5	5.00	5.00
Chromium (Cr) - total	µg/l	12	< 2.5	< 2.5	< 2.5	2.50	2.50
Chromium (Cr), total	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Conductivity	µS/cm	12	275	327.25	401	315.00	385.00
Copper (Cu)	µg/l	12	1.3	3.95	9	2.30	9.00
Copper (Cu), dissolved	µg/l	12	1.1	3.125	7.2	2.00	6.40
Dissolved oxygen	mg/l	12	9.3	10.92667	14.79	10.60	9.70
Iron (Fe)	mg/l	12	0.11	0.21917	0.33	0.20	0.33
Lead (Pb)	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Lead (Pb), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Lindane (gama-HCH)	µg/l	4	< 0.025	< 0.025	< 0.025	0.025	0.025
Magnesium (Mg++)	mg/l	12	< 5	9.50833	13.9	10.60	12.90
Manganese (Mn)	mg/l	12	0.02	0.0325	0.1	0.02	0.05
Mercury (Hg)	µg/l	12	0.2	0.2	0.2	0.20	0.20
Nickel (Ni)	µg/l	12	5	5.35833	7	5.00	6.20
Nickel (Ni), dissolved	µg/l	12	5	5	5	5.00	5.00
Nitrate (NO3-N)	mg/l	12	0.3	0.59167	1.3	0.50	0.70
Nitrite (NO2-N)	mg/l	12	< 0.015	< 0.015	< 0.015	0.015	0.015
Orthophosphate (PO4-P)	mg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Petroleum hydrocarbons	mg/l	12	0.016	0.02775	0.052	0.027	0.034
Potassium (K+)	mg/l	12	2	2.35	2.9	2.40	2.80
Sodium (Na+)	mg/l	12	4.1	6.4	8.4	6.00	8.20
Sulphate (SO4--)	mg/l	12	13.6	23.15	48.5	19.20	32.40
Suspended solids	mg/l	12	9	15.16667	28	15.00	19.00
Temperature	°C	12	3.5	13.75833	25.1	12.00	22.00

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River: Tisza **Catchment:** 33000.00 km2 **2014**
Distance from mouth: 342 **Altitude:** 92 m **UA4**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Tetrachloroethylene	µg/l	4	< 5	< 5	< 5	5.00	5.00
Total nitrogen	mg/l	12	0.5	0.85	1.5	0.80	1.10
Total phosphorus	mg/l	12	0.02	0.0375	0.05	0.04	0.05
Trichloroethylene	µg/l	4	< 10	< 10	< 10	10.00	10.00
Zinc (Zn)	µg/l	12	5	16.33333	31	15.00	29.00
Zinc (Zn), dissolved	µg/l	12	5	7.33333	12	5.00	11.00
p,p'-DDT	µg/l	4	< 0.025	< 0.025	< 0.025	0.025	0.025
pH	-	12	7.22	7.87667	8.2	7.93	7.62

River: Iisza/Bodrog/Latori
Distance from mouth: 144
Location: Middle
Catchment: 4418.00 km²
Altitude: 96 m
Year: 2014
Area: UA5

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH ₄ -N)	mg/l	12	< 0.05	0.15167	0.24	0.16	0.23
Anionic active surfactants	mg/l	7	0.012	0.015	0.018	0.018	0.018
Atrazine	µg/l	4	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	< 1.5	1.625	3	1.50	1.50
COD (Cr)	mg/l	12	8.6	11.20833	15	9.60	14.50
Cadmium (Cd)	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Cadmium (Cd), dissolved	µg/l	12	0.2	0.20833	0.3	0.20	0.20
Carbon tetrachloride	µg/l	4	< 0.25	< 0.25	< 0.25	0.25	0.25
Chloride (Cl ⁻)	mg/l	12	6.4	11.78333	15.6	12.10	13.50
Chloroform	µg/l	4	< 5	< 5	< 5	5.00	5.00
Chromium (Cr) - total	µg/l	12	< 2.5	< 2.5	< 2.5	2.50	2.50
Conductivity	µS/cm	10	225	282.4	315	315.00	315.00
Copper (Cu)	µg/l	12	2	6.00833	14	4.00	12.00
Copper (Cu), dissolved	µg/l	12	1.1	3.80833	9	2.20	6.70
Dissolved oxygen	mg/l	12	7.66	9.855	12.88	9.30	8.10
Iron (Fe)	mg/l	12	0.15	0.23417	0.38	0.23	0.32
Lead (Pb)	µg/l	12	2	2.175	3.1	2.00	3.00
Lead (Pb), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Lindane (gama-HCH)	µg/l	4	< 0.025	< 0.025	< 0.025	0.025	0.025
Manganese (Mn)	mg/l	12	0.02	0.035	0.07	0.02	0.07
Mercury (Hg)	µg/l	12	0.2	0.2	0.2	0.20	0.20
Nickel (Ni), dissolved	µg/l	12	5	5	5	5.00	5.00
Nitrate (NO ₃ -N)	mg/l	12	0.3	0.65	1.3	0.60	0.80
Nitrite (NO ₂ -N)	mg/l	12	< 0.015	0.02467	0.094	0.015	0.052
Orthophosphate (PO ₄ -P)	mg/l	12	< 0.025	0.02708	0.05	0.025	0.025
Petroleum hydrocarbons	mg/l	12	0.014	0.04108	0.14	0.033	0.065
Phenol index	mg/l	7	0.001	0.001	0.001	0.001	0.001
Sulphate (SO ₄ ⁻⁻)	mg/l	12	14.1	16.63333	19.9	16.40	18.50
Suspended solids	mg/l	12	7	16.25	26	16.00	22.00
Temperature	°C	12	3	13.6	23	13.20	22.80
Tetrachloroethylene	µg/l	4	< 5	< 5	< 5	5.00	5.00
Total nitrogen	mg/l	12	0.7	0.95833	1.5	0.90	1.20
Total phosphorus	mg/l	12	0.02	0.05583	0.1	0.05	0.09
Trichloroethylene	µg/l	4	< 10	< 10	< 10	10.00	10.00
Zinc (Zn)	µg/l	12	7	18.58333	34	20.00	23.00
Zinc (Zn), dissolved	µg/l	12	5	10.91667	15	11.00	15.00
p,p'-DDT	µg/l	4	< 0.025	< 0.025	< 0.025	0.025	0.025

pH - 12 7.28 7.74583 8.17 7.76 7.31

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River: Prut **Catchment:** 9836.00 km2 **2014**
Distance from mouth: 262 **Altitude:** 122 m **UA6**
Location: Middle

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Alkalinity - total	mmol/l	12	2.8	3.49167	5.3	3.30	3.70
Aluminium (Al), dissolved	µg/l	11	< 1.5	< 1.5	< 1.5	1.50	1.50
Ammonium (NH4-N)	mg/l	12	< 0.04	0.08417	0.26	0.04	0.16
BOD (5)	mg/l	12	1.28	1.98333	2.48	2.04	2.44
COD (Cr)	mg/l	12	5.7	8.25833	10.8	8.40	9.90
COD (Mn)	mg/l	11	2	2.78182	3.6	2.90	3.40
Cadmium (Cd), dissolved	µg/l	12	< 0.1	< 0.1	< 0.1	0.10	0.10
Calcium (Ca++)	mg/l	12	52.1	70.05	96.2	70.10	84.20
Chloride (Cl-)	mg/l	11	37.2	57.58182	120.3	47.50	78.70
Chromium (Cr), total	µg/l	12	< 0.5	5.41667	52	0.50	8.00
Copper (Cu), dissolved	µg/l	12	< 0.5	< 0.5	< 0.5	0.50	0.50
Dissolved oxygen	mg/l	12	8.4	10.00833	13.7	9.20	8.40
Iron (Fe)	mg/l	12	< 0.025	0.03375	0.13	0.025	0.025
Lead (Pb), dissolved	µg/l	12	< 2.5	10.01667	65	2.50	11.60
Magnesium (Mg++)	mg/l	12	7.3	13.275	23.1	12.20	15.80
Nickel (Ni), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
Nitrate (NO3-N)	mg/l	12	0.27	0.68833	1.41	0.62	0.81
Nitrite (NO2-N)	mg/l	12	< 0.015	0.04708	0.24	0.03	0.07
Orthophosphate (PO4-P)	mg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Petroleum hydrocarbons	mg/l	12	0.012	0.03175	0.05	0.033	0.044
Potassium (K+)	mg/l	12	1.3	3.2	4.4	3.70	4.10
Sodium (Na+)	mg/l	12	5.5	16.25833	27	15.50	24.10
Sulphate (SO4--)	mg/l	12	43.2	61.025	84.6	60.30	70.60
Suspended solids	mg/l	12	4	13.58333	35	11.00	21.00
Temperature	°C	12	< 0.005	11.99208	25.2	11.80	20.90
Total nitrogen	mg/l	12	0.33	0.82083	1.81	0.68	1.11
Zinc (Zn), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
pH	-	12	7.81	8.18	8.47	8.17	8.03

Zinc (Zn), dissolved	µg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
pH	-	12	7.84	8.16333	8.29	8.18	8.05

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River: Uzh **Catchment:** 1582.00 km2 **2014**
Distance from mouth: 106 **Altitude:** 112 m **UA8**
Location: Right

Determinand name	Unit	N	Min	Mean	Max	C50	C90
Ammonium (NH4-N)	mg/l	12	< 0.05	0.195	0.4	0.16	0.30
Anionic active surfactants	mg/l	7	0.01	0.01429	0.02	0.02	0.02
Atrazine	µg/l	4	< 0.005	< 0.005	< 0.005	0.005	0.005
BOD (5)	mg/l	12	< 1.5	< 1.5	< 1.5	1.50	1.50
COD (Cr)	mg/l	12	7.6	12.31667	26.2	8.90	18.40
Cadmium (Cd)	µg/l	12	< 0.25	< 0.25	< 0.25	0.25	0.25
Cadmium (Cd), dissolved	µg/l	12	0.2	0.2	0.2	0.20	0.20
Carbon tetrachloride	µg/l	3	< 0.25	< 0.25	< 0.25		
Chloride (Cl-)	mg/l	12	5.4	12.20833	15.6	14.20	14.90
Chloroform	µg/l	4	< 5	< 5	< 5	5.00	5.00
Chromium (Cr) - total	µg/l	12	< 2.5	< 2.5	< 2.5	2.50	2.50
Conductivity	µS/cm	12	171	270.58333	340	286.00	325.00
Copper (Cu)	µg/l	12	1.9	5.375	19	2.00	12.00
Copper (Cu), dissolved	µg/l	12	1.1	2.59167	6.1	2.00	5.80
Dissolved oxygen	mg/l	12	8.5	10.25	13.8	9.80	8.70
Iron (Fe)	mg/l	12	0.1	0.18333	0.33	0.16	0.24
Lead (Pb)	µg/l	12	2	2.09167	3.1	2.00	2.00
Lead (Pb), dissolved	µg/l	12	< 2.5	< 2.5	< 2.5	2.50	2.50
Lindane (gama-HCH)	µg/l	4	< 0.025	< 0.025	< 0.025	0.025	0.025
Manganese (Mn)	mg/l	12	0.01	0.0275	0.06	0.02	0.04
Mercury (Hg)	µg/l	12	0.2	0.2	0.2	0.20	0.20
Nickel (Ni), dissolved	µg/l	12	5	5	5	5.00	5.00
Nitrate (NO3-N)	mg/l	12	0.2	0.63333	1.3	0.50	1.00
Nitrite (NO2-N)	mg/l	12	< 0.015	0.01625	0.03	0.015	0.015

Orthophosphate (PO4-P)	mg/l	12	< 0.025	< 0.025	< 0.025	0.025	0.025
Petroleum hydrocarbons	mg/l	12	0.012	0.03992	0.12	0.024	0.078
Phenol index	mg/l	7	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0005
Sulphate (SO4--)	mg/l	12	12.6	17.60833	31.5	16.90	19.60
Suspended solids	mg/l	12	9	15.5	34	14.00	21.00
Temperature	°C	12	2.4	13.18333	23.1	13.60	22.00
Tetrachloroethylene	µg/l	4	< 5	< 5	< 5	5.00	5.00
Total nitrogen	mg/l	12	0.5	1.025	1.6	1.00	1.50
Total phosphorus	mg/l	12	< 0.01	0.07583	0.5	0.04	0.05
Trichloroethylene	µg/l	4	< 10	< 10	< 10	10.00	10.00
Zinc (Zn)	µg/l	12	18	27.41667	52	22.00	40.00
Zinc (Zn), dissolved	µg/l	12	9	19.58333	48	11.00	37.00
p,p'-DDT	µg/l	4	< 0.025	< 0.025	< 0.025	0.025	0.025
pH	-	12	7.55	7.97167	8.26	7.98	7.64