Dataset for Watershed Health Index

No.	Standard watershed	Landscape			Stream geo-morphology	Hydrology					Water quality				Aquatic habitat			Biological				Watershed health index
		GA	ARA	Integration		Total	SP	SWD	GWD	Integration	Sed.	T-N	T-P	Integration	Connectivity	Wetland	Integration	RDI	BMI	FAI	Integration	
1	100101	0.89	0.79	**0.85**	**0.41**	0.95	0.97	0.60	0.76	**1.00**	0.01	0.96	0.25	**0.31**	0.00	0.59	**0.36**	0.81	0.94	0.97	**0.97**	**0.94**
2	100102	0.86	0.58	**0.69**	**0.68**	1.00	0.93	0.62	0.84	**0.98**	0.26	0.94	0.29	**0.53**	0.00	0.61	**0.36**	0.81	0.94	0.97	**0.97**	**0.99**
3	100103	0.77	0.56	**0.64**	**0.68**	0.96	0.64	0.93	0.99	**0.97**	0.12	0.13	0.49	**0.07**	0.00	0.69	**0.40**	0.79	0.79	0.91	**0.87**	**0.86**
4	100104	0.68	0.73	**0.73**	**0.22**	0.98	0.95	0.70	0.58	**0.98**	0.34	0.73	0.32	**0.48**	0.50	0.63	**0.45**	0.79	0.79	0.91	**0.87**	**0.89**
5	100105	0.26	0.61	**0.41**	**0.59**	0.95	0.92	0.92	0.86	**0.99**	0.17	0.14	0.42	**0.06**	0.00	0.57	**0.33**	0.21	0.72	0.18	**0.35**	**0.34**
6	100106	0.92	0.94	**0.95**	**0.77**	0.99	0.82	0.99	0.85	**0.97**	0.38	0.60	0.37	**0.44**	0.00	0.42	**0.22**	0.46	0.74	0.91	**0.70**	**0.97**
7	100107	0.68	0.39	**0.47**	**0.12**	1.00	0.99	0.61	0.49	**1.00**	0.36	0.74	0.33	**0.49**	0.43	0.40	**0.29**	0.69	0.86	0.88	**0.86**	**0.64**
8	100108	0.80	0.63	**0.70**	**0.89**	0.97	0.63	0.98	0.97	**0.96**	0.06	0.44	0.42	**0.11**	0.00	0.86	**0.61**	0.54	0.96	0.82	**0.81**	**0.97**
9	100109	0.93	0.92	**0.94**	**0.81**	0.97	0.66	1.00	0.85	**0.97**	0.39	0.60	0.43	**0.49**	0.44	0.51	**0.37**	0.17	0.84	0.76	**0.57**	**0.98**
10	100110	0.57	0.67	**0.66**	**0.33**	0.21	0.85	0.29	0.30	**0.81**	0.03	0.18	0.35	**0.01**	0.00	0.36	**0.20**	0.78	0.92	0.84	**0.89**	**0.44**
11	100111	0.79	0.59	**0.68**	**0.47**	0.23	0.90	0.08	0.21	**0.82**	0.29	0.86	0.34	**0.53**	0.00	0.29	**0.17**	0.78	0.92	0.84	**0.89**	**0.82**
12	100112	0.73	0.88	**0.86**	**0.69**	0.22	0.86	0.22	0.26	**0.79**	0.35	0.71	0.25	**0.40**	0.00	0.50	**0.27**	0.95	0.88	0.87	**0.95**	**0.97**
13	100113	0.71	0.81	**0.81**	**0.36**	0.19	0.70	0.64	0.46	**0.65**	0.03	0.76	0.40	**0.28**	0.00	0.33	**0.19**	0.86	0.44	0.41	**0.54**	**0.42**
14	100114	0.85	0.78	**0.83**	**0.35**	0.20	0.83	0.34	0.34	**0.80**	0.28	0.99	0.35	**0.61**	0.00	0.50	**0.28**	0.86	0.81	0.94	**0.92**	**0.92**
15	100115	0.66	0.46	**0.51**	**0.26**	0.24	0.79	0.36	0.39	**0.73**	0.10	0.76	0.39	**0.34**	0.00	0.00	**0.00**	0.98	0.66	0.63	**0.77**	**0.27**
16	100116	0.52	0.89	**0.79**	**0.53**	0.21	0.79	0.37	0.39	**0.73**	0.06	0.77	0.41	**0.34**	0.00	0.55	**0.32**	0.95	0.80	0.81	**0.89**	**0.83**
17	100117	0.74	0.69	**0.72**	**0.64**	0.25	0.88	0.16	0.19	**0.78**	0.32	0.80	0.20	**0.41**	0.00	0.82	**0.57**	0.98	0.66	0.63	**0.77**	**0.94**
18	100201	0.78	0.57	**0.66**	**0.93**	0.97	0.61	0.99	0.95	**0.96**	0.05	0.43	0.41	**0.10**	0.46	0.34	**0.28**	0.69	0.98	0.72	**0.83**	**0.91**
19	100202	0.70	0.53	**0.60**	**0.58**	0.96	0.67	1.00	0.87	**0.95**	0.30	0.56	0.42	**0.36**	0.00	0.25	**0.17**	0.19	0.95	0.54	**0.53**	**0.62**
20	100203	0.60	0.43	**0.49**	**0.54**	0.98	0.95	0.91	0.38	**0.99**	0.32	0.59	0.40	**0.40**	0.00	0.48	**0.25**	0.23	0.83	0.76	**0.58**	**0.67**
21	100204	0.75	0.67	**0.72**	**0.34**	0.19	0.50	0.53	0.68	**0.45**	0.15	0.42	0.56	**0.23**	0.49	0.61	**0.44**	0.23	0.83	0.76	**0.58**	**0.35**
22	100205	0.54	0.29	**0.39**	**0.18**	0.26	0.81	0.13	0.33	**0.62**	0.38	0.57	0.36	**0.39**	0.00	0.79	**0.54**	0.49	0.69	0.79	**0.65**	**0.37**
23	100206	0.67	0.69	**0.70**	**0.79**	0.25	0.84	0.22	0.34	**0.76**	0.34	0.77	0.29	**0.48**	0.40	0.55	**0.38**	0.61	0.81	0.82	**0.75**	**0.93**
24	100207	0.34	0.23	**0.28**	**0.45**	0.30	0.55	0.53	0.89	**0.65**	0.71	0.07	0.56	**0.43**	0.74	0.44	**0.59**	0.64	0.95	0.89	**0.86**	**0.68**
25	100208	0.72	0.47	**0.53**	**0.76**	0.29	0.24	0.93	0.71	**0.48**	0.67	0.63	0.64	**0.79**	0.58	0.28	**0.39**	0.53	0.90	0.86	**0.79**	**0.90**
26	100209	0.92	0.80	**0.86**	**0.84**	0.92	0.58	0.47	0.87	**0.77**	0.73	0.70	0.57	**0.81**	0.46	0.43	**0.34**	0.37	0.75	0.85	**0.66**	**1.00**
27	100210	0.36	0.36	**0.36**	**0.25**	0.85	0.89	0.06	0.52	**0.90**	0.46	0.81	0.52	**0.72**	0.65	0.94	**0.81**	0.68	0.90	0.61	**0.74**	**0.92**
28	100211	0.28	0.45	**0.35**	**0.37**	0.91	0.99	0.01	0.09	**0.93**	0.26	0.66	0.31	**0.33**	0.87	0.79	**0.83**	1.00	0.51	0.56	**0.68**	**0.78**
29	100212	0.83	0.47	**0.57**	**0.30**	0.24	0.89	0.05	0.35	**0.83**	0.02	0.99	0.30	**0.40**	0.53	0.74	**0.60**	0.92	0.70	0.68	**0.80**	**0.78**
30	100213	0.46	0.63	**0.56**	**0.21**	0.28	0.94	0.02	0.26	**0.89**	0.25	0.78	0.26	**0.38**	0.64	0.87	**0.72**	0.83	0.84	0.75	**0.85**	**0.85**
31	100301	0.78	0.72	**0.75**	**0.06**	0.25	0.89	0.07	0.18	**0.78**	0.31	0.84	0.23	**0.46**	0.00	0.96	**0.80**	0.84	0.87	0.52	**0.75**	**0.85**
32	100302	0.96	0.96	**0.97**	**0.56**	0.26	0.75	0.09	0.60	**0.61**	0.09	0.91	0.43	**0.50**	0.00	0.00	**0.00**	0.90	0.96	0.85	**0.95**	**0.83**

No.	Standard watershed	Landscape			Stream geo-morphology	Hydrology					Water quality				Aquatic habitat			Biological				Watershed health index
		GA	ARA	Integration		Total	SP	SWD	GWD	Integration	Sed.	T-N	T-P	Integration	Connectivity	Wetland	Integration	RDI	BMI	FAI	Integration	
33	100303	0.90	0.76	**0.84**	**0.48**	0.27	0.78	0.13	0.51	**0.67**	0.23	0.98	0.39	**0.58**	0.00	0.49	**0.26**	0.85	0.85	0.61	**0.81**	**0.86**
34	100304	1.00	0.99	**1.00**	**0.30**	0.28	0.35	0.21	0.79	**0.26**	0.65	0.33	0.70	**0.66**	0.00	0.00	**0.00**	0.76	0.85	0.67	**0.78**	**0.50**
35	100305	0.86	0.64	**0.72**	**0.59**	0.22	0.62	0.33	0.67	**0.56**	0.39	0.87	0.44	**0.67**	0.00	0.43	**0.22**	0.60	0.91	0.58	**0.69**	**0.76**
36	100306	0.80	0.89	**0.89**	**0.55**	0.23	0.77	0.20	0.51	**0.67**	0.36	0.87	0.23	**0.52**	0.00	0.54	**0.31**	0.77	0.75	0.59	**0.70**	**0.86**
37	100307	0.64	0.83	**0.80**	**0.83**	0.27	0.90	0.07	0.23	**0.82**	0.05	0.89	0.21	**0.25**	0.56	0.23	**0.35**	0.99	0.68	0.59	**0.78**	**0.93**
38	100308	0.37	0.53	**0.43**	**0.53**	0.89	0.97	0.02	0.29	**0.93**	0.02	0.67	0.31	**0.16**	0.88	0.75	**0.83**	0.62	0.57	0.58	**0.57**	**0.75**
39	100309	0.75	0.58	**0.65**	**0.58**	0.20	0.59	0.39	0.59	**0.51**	0.16	0.93	0.53	**0.61**	0.00	0.71	**0.44**	0.60	0.70	0.69	**0.67**	**0.77**
40	100310	0.63	0.87	**0.83**	**0.23**	0.22	0.82	0.19	0.36	**0.71**	0.28	0.90	0.18	**0.45**	0.44	0.95	**0.83**	0.72	0.76	0.94	**0.84**	**0.94**
41	100311	0.88	0.90	**0.90**	**0.27**	0.11	0.26	0.61	0.66	**0.23**	0.33	0.97	0.82	**0.87**	0.00	0.80	**0.55**	0.53	0.67	0.56	**0.56**	**0.72**
42	100312	0.48	0.61	**0.55**	**0.06**	0.93	0.75	0.40	0.70	**0.86**	0.34	0.92	0.20	**0.51**	0.73	0.90	**0.79**	0.72	0.76	0.94	**0.84**	**0.83**
43	100313	0.74	0.39	**0.49**	**0.67**	0.75	0.47	0.92	0.73	**0.67**	0.20	0.87	0.58	**0.63**	0.61	0.42	**0.47**	0.52	0.67	0.56	**0.56**	**0.78**
44	100314	0.19	0.12	**0.14**	**0.52**	0.71	0.80	0.11	0.84	**0.88**	0.62	0.25	0.36	**0.31**	0.99	0.32	**0.96**	0.57	0.42	0.39	**0.43**	**0.66**
45	100315	0.40	0.57	**0.46**	**0.05**	0.72	0.47	0.56	0.94	**0.74**	0.64	0.69	0.51	**0.74**	0.72	0.46	**0.56**	0.47	0.53	0.42	**0.44**	**0.50**
46	100316	0.58	0.54	**0.56**	**0.57**	0.68	0.32	0.98	0.66	**0.58**	0.31	0.89	0.83	**0.81**	0.83	0.30	**0.69**	0.63	0.92	0.61	**0.73**	**0.96**
47	100317	0.56	0.83	**0.78**	**0.44**	0.18	0.80	0.05	0.23	**0.50**	0.10	0.45	0.40	**0.13**	0.64	0.00	**0.41**	0.71	0.82	0.71	**0.76**	**0.53**
48	100318	0.94	0.69	**0.81**	**0.06**	0.13	0.31	0.52	0.57	**0.21**	0.18	0.92	0.64	**0.70**	0.00	0.00	**0.00**	0.71	0.82	0.71	**0.76**	**0.22**
49	100319	0.65	0.66	**0.67**	**0.98**	0.19	0.64	0.24	0.04	**0.17**	0.37	0.92	0.20	**0.55**	0.58	0.56	**0.52**	0.64	0.59	0.35	**0.50**	**0.73**
50	100320	0.19	0.77	**0.40**	**0.03**	0.18	0.75	0.31	0.58	**0.68**	0.68	0.83	0.07	**0.57**	0.86	0.60	**0.77**	0.64	0.59	0.35	**0.50**	**0.48**
51	100401	0.50	0.55	**0.52**	**0.54**	0.10	0.74	0.26	0.07	**0.28**	0.33	0.85	0.45	**0.62**	0.78	0.76	**0.73**	0.90	0.87	0.80	**0.90**	**0.84**
52	100402	0.38	0.52	**0.44**	**0.39**	0.10	0.91	0.10	0.05	**0.60**	0.12	0.27	0.44	**0.09**	0.97	0.46	**0.94**	0.90	0.87	0.80	**0.90**	**0.72**
53	100403	0.53	0.64	**0.61**	**0.60**	0.16	0.83	0.20	0.04	**0.44**	0.22	0.85	0.38	**0.51**	0.81	0.78	**0.76**	0.89	0.78	0.64	**0.79**	**0.88**
54	100404	0.43	0.75	**0.63**	**0.12**	0.17	0.93	0.14	0.00	**0.69**	0.01	0.55	0.26	**0.09**	0.90	0.35	**0.81**	0.89	0.78	0.64	**0.79**	**0.59**
55	100405	0.89	0.85	**0.87**	**0.31**	0.14	0.02	0.56	0.47	**0.06**	0.45	0.70	0.98	**0.87**	0.63	0.27	**0.42**	0.68	0.76	0.67	**0.71**	**0.65**
56	100406	0.67	0.78	**0.77**	**0.22**	0.17	0.91	0.22	0.01	**0.53**	0.21	0.93	0.34	**0.54**	0.60	0.70	**0.64**	0.41	0.71	0.50	**0.52**	**0.64**
57	100407	0.57	0.60	**0.58**	**0.75**	0.16	0.78	0.33	0.02	**0.28**	0.01	0.95	0.27	**0.32**	0.84	0.72	**0.78**	0.61	0.75	0.55	**0.63**	**0.71**
58	100408	0.33	0.42	**0.38**	**0.49**	0.12	0.61	0.40	0.29	**0.38**	0.22	0.09	0.47	**0.08**	0.94	0.25	**0.87**	0.58	0.53	0.42	**0.48**	**0.30**
59	100409	0.27	0.34	**0.29**	**0.24**	0.13	0.67	0.19	0.41	**0.41**	0.20	0.66	0.34	**0.30**	0.83	0.89	**0.85**	0.47	0.64	0.54	**0.53**	**0.26**
60	100410	0.22	0.15	**0.18**	**0.64**	0.11	0.66	0.67	0.14	**0.40**	0.96	0.27	0.37	**0.59**	1.00	0.67	**1.00**	0.48	0.49	0.41	**0.43**	**0.65**
61	100411	0.38	1.00	**0.92**	**0.02**	0.15	0.69	0.37	0.13	**0.31**	0.26	0.76	0.33	**0.44**	0.89	0.92	**0.92**	0.50	0.63	0.44	**0.49**	**0.57**
62	100412	0.43	0.55	**0.47**	**0.31**	0.17	0.87	0.25	0.03	**0.52**	0.16	0.62	0.22	**0.15**	0.84	0.77	**0.79**	0.44	0.64	0.47	**0.48**	**0.33**
63	100413	0.20	0.12	**0.14**	**0.75**	0.11	0.59	0.36	0.40	**0.31**	0.51	0.03	0.59	**0.23**	1.00	0.85	**0.99**	0.74	0.73	0.52	**0.67**	**0.58**
64	100414	0.19	0.25	**0.21**	**0.39**	0.15	0.76	0.18	0.12	**0.39**	0.27	0.58	0.19	**0.18**	0.82	0.89	**0.84**	0.53	0.61	0.38	**0.47**	**0.18**
65	100501	0.18	0.29	**0.22**	**0.01**	0.12	0.52	0.14	0.74	**0.30**	0.50	0.70	0.07	**0.36**	0.61	0.37	**0.44**	0.54	0.68	0.51	**0.56**	**0.05**
66	100502	0.27	0.19	**0.22**	**0.73**	0.14	0.44	0.25	0.56	**0.20**	0.53	0.67	0.09	**0.37**	0.86	0.56	**0.75**	0.56	0.81	0.73	**0.69**	**0.48**
67	100503	0.35	0.40	**0.39**	**0.69**	0.14	0.35	0.43	0.42	**0.14**	0.56	0.65	0.09	**0.39**	0.94	0.67	**0.93**	0.86	0.71	0.65	**0.75**	**0.69**
68	100504	0.50	0.27	**0.37**	**0.17**	0.41	0.17	0.71	0.50	**0.22**	0.42	0.34	0.89	**0.64**	0.97	0.36	**0.95**	0.72	0.89	0.86	**0.86**	**0.63**
69	100505	0.41	0.38	**0.40**	**0.25**	0.31	0.43	0.55	0.75	**0.46**	0.58	0.65	0.10	**0.42**	0.93	0.94	**0.94**	0.80	0.94	0.93	**0.94**	**0.74**

No.	Standard watershed	Landscape			Stream geo-morphology	Hydrology					Water quality				Aquatic habitat			Biological				Watershed health index
		GA	ARA	Integration		Total	SP	SWD	GWD	Integration	Sed.	T-N	T-P	Integration	Connectivity	Wetland	Integration	RDI	BMI	FAI	Integration	
70	100601	0.69	0.44	**0.51**	**0.83**	0.30	0.48	0.50	0.10	**0.14**	0.13	0.86	0.02	**0.17**	0.55	0.26	**0.36**	0.92	0.79	0.70	**0.83**	**0.42**
71	100602	0.76	0.53	**0.62**	**0.15**	0.67	0.05	0.83	0.67	**0.27**	0.64	0.51	0.00	**0.25**	0.79	0.41	**0.66**	0.79	0.82	0.77	**0.83**	**0.37**
72	100603	0.55	0.41	**0.45**	**0.61**	0.63	0.38	0.65	0.58	**0.38**	0.00	0.53	0.01	**0.00**	0.86	0.26	**0.73**	0.56	0.74	0.60	**0.63**	**0.40**
73	100604	0.47	0.42	**0.44**	**0.73**	0.53	0.27	0.59	0.77	**0.37**	0.55	0.32	0.03	**0.10**	0.90	0.63	**0.85**	0.47	0.72	0.47	**0.53**	**0.52**
74	100605	0.31	0.36	**0.33**	**0.32**	0.44	0.38	0.36	0.83	**0.39**	0.59	0.34	0.01	**0.12**	0.95	0.91	**0.96**	0.61	0.67	0.60	**0.61**	**0.33**
75	100606	0.30	0.26	**0.25**	**0.74**	0.52	0.54	0.32	0.65	**0.47**	0.40	0.75	0.02	**0.27**	0.98	0.78	**0.97**	0.36	0.69	0.48	**0.47**	**0.61**
76	100607	0.48	0.36	**0.42**	**0.46**	0.50	0.27	0.47	0.80	**0.34**	0.29	0.06	0.75	**0.22**	0.61	0.48	**0.50**	0.55	0.73	0.72	**0.68**	**0.26**
77	100608	0.58	0.80	**0.75**	**0.80**	0.52	0.05	0.74	0.53	**0.18**	0.63	0.36	0.01	**0.16**	0.66	0.81	**0.69**	0.43	0.61	0.55	**0.50**	**0.57**
78	100609	0.32	0.24	**0.26**	**0.52**	0.32	0.42	0.55	0.62	**0.36**	0.30	0.07	0.72	**0.21**	0.99	0.62	**0.98**	0.22	0.57	0.45	**0.39**	**0.33**
79	100610	0.40	0.46	**0.43**	**0.81**	0.44	0.25	0.60	0.55	**0.24**	0.66	0.40	0.03	**0.21**	0.89	0.94	**0.93**	0.36	0.55	0.42	**0.42**	**0.54**
80	100701	0.12	0.07	**0.10**	**0.47**	0.38	0.72	0.24	0.75	**0.75**	0.53	0.12	0.58	**0.32**	0.92	0.53	**0.87**	0.37	0.33	0.28	**0.30**	**0.39**
81	100702	0.11	0.16	**0.13**	**0.07**	0.28	0.72	0.27	0.72	**0.74**	0.43	0.12	0.61	**0.26**	0.96	0.39	**0.92**	0.37	0.33	0.28	**0.30**	**0.17**
82	100703	0.04	0.03	**0.03**	**0.58**	0.31	0.76	0.19	0.78	**0.83**	0.86	0.18	0.57	**0.60**	0.94	0.82	**0.94**	0.37	0.33	0.28	**0.30**	**0.69**
83	100704	0.26	0.14	**0.19**	**0.43**	0.43	0.58	0.66	0.61	**0.61**	0.84	0.16	0.47	**0.53**	0.97	0.78	**0.97**	0.37	0.33	0.28	**0.30**	**0.52**
84	100705	0.11	0.10	**0.11**	**0.56**	0.36	0.69	0.31	0.57	**0.63**	0.94	0.19	0.50	**0.62**	0.91	0.65	**0.86**	0.27	0.43	0.33	**0.33**	**0.58**
85	100706	0.22	0.40	**0.30**	**0.42**	0.58	0.58	0.17	0.76	**0.53**	0.60	0.54	0.06	**0.29**	0.57	0.98	**0.91**	0.22	0.38	0.26	**0.27**	**0.32**
86	100707	0.31	0.31	**0.31**	**0.29**	0.81	0.49	0.30	0.90	**0.57**	0.35	0.06	0.68	**0.22**	0.00	0.24	**0.16**	0.25	0.27	0.20	**0.24**	**0.03**
87	100708	0.16	0.30	**0.21**	**0.10**	0.54	0.60	0.14	0.90	**0.70**	0.49	0.52	0.06	**0.19**	0.00	0.95	**0.80**	0.32	0.30	0.34	**0.29**	**0.12**
88	100709	0.16	0.06	**0.11**	**0.09**	0.57	0.69	0.09	0.73	**0.61**	0.49	0.53	0.06	**0.20**	0.00	0.97	**0.89**	0.39	0.39	0.53	**0.40**	**0.13**
89	100710	0.14	0.18	**0.16**	**0.41**	0.48	0.84	0.06	0.59	**0.85**	0.61	0.04	0.54	**0.28**	0.75	0.92	**0.82**	0.48	0.64	0.81	**0.64**	**0.60**
90	100711	0.03	0.15	**0.07**	**0.85**	0.84	0.71	0.38	0.65	**0.76**	0.23	0.50	0.08	**0.08**	0.78	0.97	**0.89**	0.29	0.42	0.36	**0.34**	**0.50**
91	100712	0.18	0.20	**0.19**	**0.72**	0.51	0.65	0.28	0.78	**0.70**	0.46	0.09	0.48	**0.17**	0.70	0.00	**0.49**	0.40	0.34	0.36	**0.36**	**0.28**
92	100713	0.08	0.08	**0.07**	**0.32**	0.34	0.83	0.15	0.54	**0.83**	0.62	0.10	0.22	**0.13**	0.92	0.88	**0.90**	0.40	0.34	0.36	**0.36**	**0.24**
93	100714	0.06	0.08	**0.06**	**0.17**	0.42	0.74	0.27	0.86	**0.86**	0.83	0.11	0.31	**0.34**	0.93	0.96	**0.97**	0.20	0.28	0.24	**0.23**	**0.28**
94	100715	0.41	0.44	**0.42**	**0.26**	0.94	0.64	0.39	0.81	**0.80**	0.03	0.49	0.08	**0.03**	0.72	0.52	**0.61**	0.46	0.44	0.46	**0.43**	**0.22**
95	100716	0.51	0.52	**0.50**	**0.71**	0.82	0.31	0.81	0.44	**0.29**	0.60	0.48	0.84	**0.78**	0.59	0.51	**0.51**	0.58	0.37	0.37	**0.42**	**0.63**
96	100717	0.35	0.32	**0.34**	**0.65**	0.81	0.60	0.74	0.36	**0.56**	0.72	0.59	0.69	**0.81**	0.67	0.86	**0.71**	0.55	0.47	0.47	**0.47**	**0.81**
97	100718	0.29	0.30	**0.27**	**0.56**	0.73	0.71	0.69	0.10	**0.55**	0.04	0.51	0.09	**0.05**	0.85	0.61	**0.75**	0.42	0.32	0.27	**0.31**	**0.18**
98	100719	0.47	0.33	**0.42**	**0.24**	0.81	0.56	0.78	0.46	**0.56**	0.04	0.52	0.10	**0.05**	0.47	0.93	**0.76**	0.42	0.32	0.27	**0.31**	**0.15**
99	100801	0.85	0.81	**0.86**	**0.88**	0.04	0.09	0.44	0.25	**0.03**	0.20	0.62	0.90	**0.70**	0.41	0.81	**0.60**	ND	ND	ND	**ND**	**0.56**
100	100802	0.83	0.78	**0.82**	**0.95**	0.40	0.18	0.75	0.38	**0.16**	0.77	0.56	0.82	**0.88**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.39**
101	100803	0.62	0.73	**0.71**	**0.83**	0.44	0.28	0.72	0.31	**0.17**	0.19	0.03	0.73	**0.14**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.05**
102	100804	0.39	0.34	**0.36**	**0.90**	0.37	0.40	0.34	0.83	**0.41**	0.31	0.08	0.78	**0.27**	0.48	0.84	**0.65**	ND	ND	ND	**ND**	**0.23**
103	100805	0.33	0.42	**0.37**	**0.82**	0.39	0.45	0.51	0.45	**0.27**	0.76	0.15	0.75	**0.63**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.09**
104	100806	0.53	0.84	**0.76**	**0.82**	0.43	0.32	0.67	0.33	**0.19**	0.85	0.21	0.74	**0.73**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.19**
105	100807	0.39	0.23	**0.28**	**0.38**	0.41	0.45	0.57	0.37	**0.25**	0.21	0.05	0.71	**0.15**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.00**
106	100808	0.64	0.58	**0.59**	**0.50**	0.05	0.19	0.56	0.08	**0.02**	0.24	0.26	0.84	**0.43**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.01**

No.	Standard watershed	Landscape			Stream geo-morphology	Hydrology					Water quality				Aquatic habitat			Biological				Watershed health index
		GA	ARA	Integration		Total	SP	SWD	GWD	Integration	Sed.	T-N	T-P	Integration	Connectivity	Wetland	Integration	RDI	BMI	FAI	Integration	
107	100809	0.53	0.86	**0.77**	**0.84**	0.03	0.23	0.44	0.15	**0.03**	0.14	0.67	0.85	**0.65**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.13**
108	100810	0.56	0.59	**0.56**	**0.91**	0.01	0.20	0.48	0.14	**0.03**	0.24	0.13	0.83	**0.30**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.03**
109	100811	0.58	0.50	**0.52**	**0.28**	0.05	0.21	0.54	0.06	**0.02**	0.70	0.55	0.81	**0.83**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.02**
110	100812	0.99	0.98	**0.99**	**0.80**	0.07	0.00	0.71	0.06	**0.00**	0.92	0.88	0.84	**0.99**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.38**
111	100813	0.99	1.00	**1.00**	**0.29**	0.50	0.03	0.94	0.13	**0.10**	0.83	0.37	0.73	**0.78**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.10**
112	100901	0.94	0.92	**0.94**	**0.87**	0.49	0.03	0.87	0.20	**0.10**	0.57	0.65	0.99	**0.90**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.40**
113	100902	0.71	0.54	**0.62**	**0.94**	0.47	0.17	0.76	0.32	**0.15**	0.44	0.71	0.95	**0.85**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.22**
114	100903	0.95	0.97	**0.98**	**0.91**	0.07	0.02	0.68	0.06	**0.00**	0.90	0.61	0.76	**0.92**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.41**
115	100904	1.00	0.94	**0.97**	**0.36**	0.08	0.11	0.70	0.12	**0.04**	0.92	0.74	0.77	**0.96**	0.00	0.31	**0.18**	0.52	0.37	0.38	**0.40**	**0.46**
116	101001	0.97	0.95	**0.97**	**0.31**	0.06	0.01	0.65	0.11	**0.01**	0.52	0.90	1.00	**0.95**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.12**
117	101002	0.95	0.97	**0.98**	**0.39**	0.06	0.01	0.66	0.11	**0.01**	0.54	0.95	0.99	**0.97**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.15**
118	101003	0.91	0.39	**0.54**	**0.50**	0.09	0.11	0.63	0.25	**0.04**	0.73	0.98	0.97	**1.00**	0.00	0.23	**0.16**	ND	ND	ND	**ND**	**0.11**
119	101004	0.45	0.19	**0.30**	**0.77**	0.04	0.13	0.46	0.44	**0.07**	0.47	0.78	0.86	**0.86**	0.87	0.56	**0.78**	0.51	0.42	0.64	**0.50**	**0.67**
120	101005	0.72	0.37	**0.47**	**0.48**	0.08	0.04	0.58	0.43	**0.06**	0.89	0.90	0.92	**1.00**	0.00	0.42	**0.22**	ND	ND	ND	**ND**	**0.11**
121	101006	0.78	0.81	**0.83**	**0.78**	0.37	0.07	0.97	0.25	**0.24**	0.79	0.78	0.79	**0.94**	0.63	0.69	**0.63**	ND	ND	ND	**ND**	**0.74**
122	101007	0.84	0.48	**0.58**	**0.19**	0.33	0.22	0.97	0.16	**0.25**	0.93	0.81	0.80	**0.98**	0.54	0.81	**0.66**	0.34	0.29	0.33	**0.29**	**0.47**
123	101008	0.86	0.75	**0.81**	**0.92**	0.42	0.15	0.92	0.22	**0.18**	0.70	0.84	0.98	**0.98**	0.39	0.57	**0.38**	0.50	0.45	0.45	**0.44**	**0.88**
124	101009	0.81	0.97	**0.95**	**0.42**	0.39	0.11	0.96	0.24	**0.23**	0.90	0.79	0.81	**0.97**	0.00	0.64	**0.39**	0.56	0.60	0.69	**0.59**	**0.81**
125	101010	0.73	0.51	**0.57**	**0.78**	0.55	0.20	0.77	0.32	**0.16**	0.23	0.80	0.74	**0.72**	0.00	0.33	**0.19**	0.75	0.56	0.58	**0.61**	**0.53**
126	101011	0.87	0.56	**0.68**	**0.61**	0.56	0.24	0.85	0.42	**0.25**	0.81	0.81	0.78	**0.95**	0.53	0.29	**0.34**	0.59	0.58	0.73	**0.62**	**0.75**
127	101012	0.45	0.50	**0.46**	**0.03**	0.57	0.10	0.87	0.60	**0.28**	0.95	0.79	0.76	**0.98**	0.92	0.00	**0.84**	0.63	0.58	0.74	**0.64**	**0.66**
128	101101	0.88	0.71	**0.78**	**0.87**	0.00	0.36	0.31	0.30	**0.08**	0.17	0.23	0.67	**0.20**	0.00	0.00	**0.00**	0.73	0.62	0.78	**0.72**	**0.29**
129	101102	0.69	0.76	**0.78**	**0.93**	0.03	0.39	0.39	0.35	**0.11**	0.51	0.82	0.60	**0.78**	0.39	0.39	**0.27**	0.73	0.62	0.78	**0.72**	**0.84**
130	101103	0.96	0.68	**0.82**	**0.94**	0.02	0.25	0.50	0.28	**0.05**	0.14	0.88	0.61	**0.61**	0.47	0.68	**0.50**	0.96	0.86	0.98	**0.98**	**0.95**
131	101104	0.89	0.96	**0.96**	**0.60**	0.03	0.14	0.79	0.24	**0.08**	0.51	0.95	0.62	**0.84**	0.42	0.65	**0.41**	0.93	0.65	0.93	**0.88**	**0.91**
132	101201	0.94	0.88	**0.91**	**0.97**	0.99	0.77	0.94	0.78	**0.95**	0.13	0.58	0.46	**0.28**	0.00	0.25	**0.17**	0.83	0.97	0.88	**0.95**	**0.99**
133	101202	0.91	0.92	**0.93**	**0.71**	0.08	0.34	0.48	0.40	**0.12**	0.40	0.73	0.66	**0.73**	0.00	0.32	**0.19**	0.92	0.99	1.00	**1.00**	**0.87**
134	101203	0.81	0.43	**0.55**	**0.04**	0.02	0.28	0.64	0.17	**0.07**	0.43	0.68	0.45	**0.56**	0.56	0.73	**0.62**	0.81	0.99	1.00	**0.98**	**0.41**
135	101204	0.98	0.83	**0.91**	**0.81**	0.00	0.30	0.42	0.31	**0.09**	0.15	0.97	0.60	**0.68**	0.00	0.47	**0.25**	0.99	1.00	0.90	**1.00**	**0.89**
136	101205	0.92	0.82	**0.88**	**0.92**	0.06	0.13	0.57	0.28	**0.05**	0.48	0.84	0.45	**0.71**	0.00	0.69	**0.39**	0.73	1.00	0.99	**0.97**	**0.96**
137	101206	0.93	0.82	**0.89**	**0.94**	0.01	0.16	0.78	0.17	**0.06**	0.52	0.91	0.46	**0.77**	0.00	0.99	**0.90**	0.70	0.98	0.92	**0.91**	**1.00**
138	101207	0.97	0.94	**0.96**	**0.96**	0.53	0.44	0.96	0.03	**0.21**	0.57	0.98	0.49	**0.82**	0.00	0.49	**0.26**	0.78	0.97	0.95	**0.95**	**0.98**
139	101208	0.34	0.17	**0.24**	**0.28**	0.50	0.73	0.54	0.33	**0.64**	0.78	0.59	0.16	**0.56**	0.82	0.66	**0.74**	0.87	0.97	0.98	**0.99**	**0.75**
140	101301	0.11	0.05	**0.08**	**0.13**	0.29	0.65	0.26	0.64	**0.57**	0.15	0.96	0.05	**0.26**	0.98	0.00	**0.95**	0.82	0.51	0.57	**0.61**	**0.25**
141	101302	0.37	0.65	**0.48**	**0.20**	0.56	0.53	0.75	0.61	**0.55**	0.74	0.33	0.21	**0.37**	0.74	0.58	**0.64**	0.85	0.72	0.90	**0.86**	**0.58**
142	101303	0.56	0.86	**0.80**	**0.10**	0.58	0.07	0.91	0.63	**0.33**	0.69	0.46	0.94	**0.85**	0.68	0.31	**0.48**	0.82	0.51	0.57	**0.61**	**0.61**
143	101304	0.65	0.74	**0.74**	**0.38**	0.58	0.41	0.84	0.56	**0.47**	0.80	0.35	0.23	**0.45**	0.47	0.38	**0.33**	0.51	0.44	0.83	**0.58**	**0.47**

No.	Standard watershed	Landscape			Stream geo-morphology	Hydrology					Water quality				Aquatic habitat			Biological				Watershed health index
		GA	ARA	Integration		Total	SP	SWD	GWD	Integration	Sed.	T-N	T-P	Integration	Connectivity	Wetland	Integration	RDI	BMI	FAI	Integration	
144	101305	0.97	0.86	**0.92**	**0.61**	0.69	0.50	0.30	0.69	**0.43**	0.58	0.47	0.63	**0.67**	0.00	0.00	**0.00**	0.96	0.86	0.62	**0.85**	**0.77**
145	101306	0.76	0.51	**0.60**	**0.76**	0.64	0.40	0.50	0.64	**0.35**	0.94	0.53	0.52	**0.80**	0.42	0.41	**0.28**	0.83	0.65	0.70	**0.74**	**0.80**
146	101307	0.61	0.84	**0.79**	**0.28**	0.72	0.29	0.75	0.70	**0.42**	0.18	0.48	0.62	**0.37**	0.00	0.54	**0.31**	0.62	0.61	0.74	**0.66**	**0.42**
147	101401	0.84	0.41	**0.54**	**0.86**	0.56	0.30	0.88	0.48	**0.32**	0.76	0.38	0.24	**0.47**	0.62	0.47	**0.49**	0.75	0.45	0.67	**0.59**	**0.68**
148	101402	0.62	0.49	**0.53**	**0.57**	0.61	0.15	0.89	0.79	**0.47**	0.65	0.68	0.66	**0.80**	0.60	0.59	**0.54**	0.75	0.45	0.67	**0.59**	**0.79**
149	101403	0.82	0.93	**0.93**	**0.70**	0.09	0.06	0.59	0.45	**0.09**	0.67	0.57	0.90	**0.88**	0.00	0.44	**0.23**	1.00	0.69	0.87	**0.90**	**0.89**
150	101404	0.72	0.74	**0.74**	**0.13**	0.69	0.22	0.82	0.56	**0.31**	0.77	0.63	0.68	**0.84**	0.51	0.64	**0.47**	0.84	0.63	0.86	**0.81**	**0.70**
151	101405	0.87	0.89	**0.90**	**0.15**	0.68	0.10	0.90	0.63	**0.34**	0.74	0.47	0.93	**0.87**	0.52	0.31	**0.33**	0.93	0.77	0.96	**0.94**	**0.79**
152	101406	0.59	0.79	**0.76**	**0.20**	0.67	0.19	0.69	0.74	**0.33**	0.76	0.62	0.70	**0.84**	0.73	0.77	**0.71**	0.93	0.77	0.96	**0.94**	**0.92**
153	101407	0.52	0.70	**0.64**	**0.40**	0.65	0.14	0.76	0.77	**0.37**	0.66	0.30	0.91	**0.76**	0.85	0.74	**0.78**	0.94	0.93	0.78	**0.93**	**0.94**
154	101408	0.44	0.72	**0.58**	**0.35**	0.60	0.21	0.80	0.50	**0.26**	0.92	0.56	0.72	**0.90**	0.58	0.76	**0.64**	0.94	0.93	0.78	**0.93**	**0.87**
155	101409	0.79	0.56	**0.65**	**0.11**	0.71	0.23	0.79	0.62	**0.33**	0.68	0.45	0.78	**0.77**	0.65	0.00	**0.42**	0.97	0.50	0.65	**0.71**	**0.50**
156	101410	0.63	0.66	**0.67**	**0.16**	0.70	0.06	0.85	0.82	**0.43**	0.88	0.64	0.67	**0.89**	0.83	0.50	**0.72**	0.97	0.50	0.65	**0.71**	**0.82**
157	101411	0.44	0.50	**0.45**	**0.44**	0.59	0.29	0.61	0.69	**0.35**	0.59	0.49	0.77	**0.75**	0.91	0.60	**0.86**	0.97	0.50	0.65	**0.71**	**0.81**
158	101412	0.55	0.31	**0.41**	**0.53**	0.63	0.33	0.86	0.71	**0.49**	0.86	0.72	0.69	**0.92**	0.53	0.67	**0.53**	0.59	0.39	0.50	**0.45**	**0.71**
159	101413	0.83	0.87	**0.88**	**0.17**	0.77	0.19	0.95	0.11	**0.17**	0.53	0.83	0.95	**0.92**	0.00	0.37	**0.20**	0.76	0.89	0.95	**0.92**	**0.67**
160	101414	0.60	0.47	**0.50**	**0.44**	0.54	0.36	0.83	0.41	**0.29**	0.93	0.73	0.67	**0.93**	0.67	0.70	**0.65**	0.76	0.89	0.95	**0.92**	**0.90**
161	101501	0.49	0.77	**0.69**	**0.08**	0.78	0.47	0.81	0.54	**0.51**	0.56	0.44	0.71	**0.68**	0.00	0.83	**0.58**	0.87	0.58	0.89	**0.82**	**0.72**
162	101502	0.90	0.90	**0.92**	**0.08**	0.85	0.39	0.89	0.31	**0.36**	0.75	0.37	0.26	**0.46**	0.00	0.83	**0.58**	0.87	0.58	0.89	**0.82**	**0.64**
163	101503	0.61	0.60	**0.61**	**0.67**	0.94	0.42	0.53	0.81	**0.54**	0.42	0.10	0.79	**0.41**	0.00	0.30	**0.18**	0.91	0.91	0.99	**0.99**	**0.73**
164	101504	0.66	0.70	**0.71**	**0.32**	0.93	0.33	0.73	0.64	**0.42**	0.79	0.31	0.55	**0.64**	0.55	0.00	**0.32**	0.88	0.49	0.50	**0.60**	**0.51**
165	101505	0.61	0.45	**0.50**	**0.16**	0.90	0.53	0.84	0.22	**0.46**	0.42	0.29	0.70	**0.48**	0.00	0.00	**0.00**	0.69	0.41	0.62	**0.54**	**0.10**
166	101506	0.82	0.95	**0.94**	**0.03**	0.94	0.53	0.44	0.68	**0.54**	0.82	0.35	0.27	**0.50**	0.00	0.75	**0.50**	0.65	0.46	0.48	**0.51**	**0.52**
167	101507	0.75	0.85	**0.84**	**0.14**	0.76	0.33	0.94	0.08	**0.22**	0.48	0.94	0.94	**0.95**	0.00	0.00	**0.00**	0.67	0.55	0.72	**0.64**	**0.39**
168	101508	0.44	0.64	**0.53**	**0.72**	0.83	0.50	0.88	0.21	**0.44**	0.69	0.41	0.28	**0.46**	0.69	0.45	**0.55**	0.65	0.46	0.48	**0.51**	**0.62**
169	101601	0.24	0.33	**0.27**	**0.69**	0.33	0.70	0.42	0.52	**0.63**	0.62	0.15	0.17	**0.13**	0.88	0.33	**0.77**	0.66	0.40	0.43	**0.46**	**0.47**
170	101602	0.29	0.24	**0.24**	**0.00**	0.53	0.63	0.49	0.72	**0.69**	0.56	0.16	0.19	**0.11**	0.68	0.00	**0.46**	0.66	0.40	0.43	**0.46**	**0.07**
171	101603	0.28	0.48	**0.36**	**0.25**	0.70	0.61	0.67	0.61	**0.72**	0.70	0.08	0.18	**0.14**	0.89	0.89	**0.88**	0.34	0.48	0.49	**0.42**	**0.36**
172	101604	0.33	0.37	**0.35**	**0.64**	0.45	0.55	0.78	0.47	**0.52**	0.81	0.14	0.51	**0.51**	0.76	0.40	**0.62**	0.36	0.31	0.34	**0.32**	**0.48**
173	101605	0.46	0.71	**0.61**	**0.43**	0.78	0.31	0.95	0.50	**0.49**	0.88	0.17	0.28	**0.42**	0.45	0.80	**0.63**	0.39	0.28	0.28	**0.28**	**0.43**
174	101701	0.70	0.91	**0.87**	**0.01**	0.86	0.36	0.97	0.14	**0.32**	0.11	0.46	0.14	**0.06**	0.00	0.99	**0.98**	0.35	0.27	0.25	**0.28**	**0.19**
175	101801	0.25	0.09	**0.17**	**0.63**	0.89	0.73	0.73	0.55	**0.85**	0.06	0.39	0.15	**0.03**	0.77	0.66	**0.68**	0.32	0.25	0.25	**0.26**	**0.25**
176	101802	0.36	0.31	**0.32**	**0.86**	0.92	0.52	0.89	0.67	**0.66**	0.59	0.29	0.76	**0.62**	0.66	0.00	**0.43**	0.23	0.26	0.30	**0.25**	**0.60**
177	101803	0.17	0.14	**0.16**	**0.19**	0.82	0.81	0.52	0.42	**0.86**	0.82	0.22	0.53	**0.56**	0.52	0.00	**0.30**	0.31	0.25	0.22	**0.25**	**0.14**
178	101804	0.21	0.25	**0.23**	**0.34**	0.77	0.68	0.45	0.75	**0.79**	0.71	0.09	0.28	**0.21**	0.69	0.52	**0.58**	0.30	0.20	0.22	**0.23**	**0.17**
179	101805	0.17	0.18	**0.17**	**0.33**	0.75	0.78	0.41	0.47	**0.81**	0.25	0.72	0.11	**0.20**	0.75	0.92	**0.81**	0.18	0.19	0.23	**0.17**	**0.19**
180	101806	0.09	0.07	**0.08**	**0.45**	0.73	0.88	0.35	0.18	**0.87**	0.41	0.51	0.11	**0.17**	0.78	0.93	**0.86**	0.25	0.21	0.21	**0.21**	**0.29**

No.	Standard watershed	Landscape			Stream geo-morphology	Hydrology					Water quality				Aquatic habitat			Biological				Watershed health index
		GA	ARA	Integration		Total	SP	SWD	GWD	Integration	Sed.	T-N	T-P	Integration	Connectivity	Wetland	Integration	RDI	BMI	FAI	Integration	
181	101807	0.05	0.02	**0.03**	**0.40**	0.76	0.94	0.12	0.16	**0.92**	0.07	0.39	0.15	**0.03**	0.70	0.36	**0.53**	0.29	0.17	0.19	**0.19**	**0.09**
182	101808	0.25	0.22	**0.23**	**0.51**	0.86	0.49	0.45	0.89	**0.60**	0.50	0.48	0.17	**0.25**	0.76	0.28	**0.57**	0.19	0.21	0.22	**0.18**	**0.14**
183	101809	0.01	0.00	**0.00**	**0.14**	0.80	0.92	0.01	0.27	**0.84**	0.97	0.00	0.17	**0.24**	0.00	0.00	**0.00**	0.28	0.20	0.20	**0.22**	**0.01**
184	101810	0.09	0.13	**0.09**	**0.51**	0.80	0.86	0.04	0.37	**0.75**	0.87	0.12	0.15	**0.23**	0.00	0.53	**0.30**	0.19	0.22	0.21	**0.18**	**0.08**
185	101811	0.02	0.01	**0.01**	**0.05**	0.74	0.97	0.03	0.03	**0.90**	0.07	0.37	0.14	**0.02**	0.00	0.39	**0.21**	0.29	0.17	0.19	**0.19**	**0.00**
186	101812	0.01	0.99	**0.33**	**0.00**	0.61	0.98	0.00	0.01	**0.89**	0.08	0.38	0.13	**0.02**	0.00	0.72	**0.46**	0.24	0.22	0.23	**0.22**	**0.06**
187	101813	0.03	0.01	**0.02**	**0.08**	0.87	0.86	0.12	0.19	**0.81**	0.08	0.40	0.13	**0.04**	0.00	0.75	**0.48**	0.57	0.31	0.39	**0.39**	**0.04**
188	101814	0.12	0.11	**0.12**	**0.23**	0.78	0.85	0.46	0.20	**0.84**	0.67	0.02	0.24	**0.12**	0.75	0.24	**0.56**	0.31	0.19	0.17	**0.22**	**0.08**
189	101815	0.08	0.22	**0.13**	**0.63**	0.66	0.92	0.21	0.15	**0.88**	0.28	0.64	0.05	**0.15**	0.71	0.28	**0.51**	0.49	0.28	0.31	**0.34**	**0.28**
190	101816	0.00	0.04	**0.01**	**0.11**	0.72	1.00	0.00	0.02	**0.91**	0.45	0.32	0.04	**0.09**	0.00	0.53	**0.31**	0.22	0.31	0.28	**0.26**	**0.02**
191	101901	0.15	0.22	**0.18**	**0.21**	0.83	0.81	0.47	0.48	**0.87**	0.97	0.22	0.32	**0.55**	0.00	0.58	**0.35**	0.40	0.30	0.44	**0.37**	**0.21**
192	101902	0.05	0.06	**0.05**	**0.02**	0.60	0.94	0.11	0.09	**0.91**	0.09	0.36	0.12	**0.01**	0.00	0.84	**0.59**	0.44	0.35	0.39	**0.37**	**0.06**
193	101903	0.03	0.05	**0.04**	**0.66**	0.74	0.96	0.38	0.07	**0.94**	0.09	0.42	0.12	**0.04**	0.41	0.97	**0.88**	0.44	0.35	0.39	**0.37**	**0.46**
194	101904	0.25	0.21	**0.22**	**0.47**	0.89	0.62	0.62	0.72	**0.78**	0.63	0.26	0.50	**0.47**	0.44	0.00	**0.24**	0.67	0.38	0.51	**0.49**	**0.31**
195	101905	0.07	0.20	**0.11**	**0.67**	0.67	0.87	0.63	0.69	**0.92**	0.96	0.34	0.38	**0.66**	0.56	0.91	**0.75**	0.33	0.41	0.34	**0.35**	**0.76**
196	101906	0.06	0.03	**0.04**	**0.78**	0.55	0.96	0.58	0.08	**0.94**	0.11	0.45	0.12	**0.06**	0.00	0.98	**0.89**	0.44	0.35	0.39	**0.37**	**0.56**
197	101907	0.00	0.02	**0.00**	**0.55**	0.75	1.00	0.03	0.00	**0.92**	0.17	1.00	0.03	**0.29**	0.00	0.45	**0.23**	0.26	0.52	0.53	**0.41**	**0.17**
198	101908	0.04	0.09	**0.05**	**0.04**	0.79	0.98	0.43	0.05	**0.94**	0.19	1.00	0.04	**0.31**	0.00	1.00	**0.99**	0.26	0.52	0.53	**0.41**	**0.34**
199	102001	0.67	0.67	**0.69**	**1.00**	0.47	0.08	0.86	0.17	**0.11**	0.37	0.06	0.90	**0.42**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.11**
200	102002	0.81	0.91	**0.89**	**1.00**	0.48	0.04	0.86	0.22	**0.11**	0.72	0.24	0.92	**0.76**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.35**
201	102003	0.98	0.98	**0.99**	**0.99**	0.42	0.00	0.90	0.19	**0.08**	0.84	0.82	1.00	**0.99**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.55**
202	102004	0.77	0.72	**0.75**	**0.89**	0.31	0.06	0.80	0.36	**0.13**	0.37	0.28	0.95	**0.59**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.16**
203	102005	0.69	0.61	**0.64**	**0.95**	0.47	0.08	0.82	0.28	**0.13**	0.78	0.69	0.96	**0.96**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.31**
204	102101	0.54	0.62	**0.59**	**0.88**	0.46	0.17	0.72	0.44	**0.19**	0.99	0.43	0.93	**0.94**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.23**
205	102102	0.51	0.68	**0.63**	**0.97**	0.40	0.18	0.68	0.49	**0.20**	0.87	0.54	0.91	**0.93**	0.39	0.38	**0.25**	ND	ND	ND	**ND**	**0.49**
206	102103	0.47	0.93	**0.85**	**0.74**	0.39	0.25	0.41	0.88	**0.36**	0.40	0.20	0.89	**0.55**	0.42	0.64	**0.40**	ND	ND	ND	**ND**	**0.44**
207	102104	0.59	0.75	**0.73**	**0.89**	0.46	0.12	0.77	0.39	**0.15**	0.81	0.50	0.92	**0.90**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.30**
208	102105	0.22	0.33	**0.25**	**0.92**	0.36	0.42	0.29	0.86	**0.44**	0.98	0.40	0.88	**0.91**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.20**
209	102106	0.08	0.00	**0.03**	**0.22**	0.32	0.57	0.03	0.98	**0.69**	0.55	0.02	0.73	**0.38**	0.80	1.00	**1.00**	ND	ND	ND	**ND**	**0.14**
210	102107	0.30	0.49	**0.39**	**0.97**	0.36	0.34	0.23	0.96	**0.50**	0.84	0.24	0.80	**0.76**	0.50	0.68	**0.52**	ND	ND	ND	**ND**	**0.59**
211	102108	0.24	0.35	**0.28**	**0.75**	0.87	0.48	0.25	0.96	**0.64**	0.95	0.31	0.86	**0.86**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.21**
212	102109	0.21	0.19	**0.20**	**0.18**	0.88	0.44	0.17	1.00	**0.72**	0.98	0.41	0.85	**0.90**	0.51	0.00	**0.29**	0.89	0.43	0.92	**0.77**	**0.55**
213	102201	0.23	0.28	**0.25**	**0.96**	0.35	0.39	0.28	0.89	**0.45**	0.41	0.04	0.81	**0.35**	0.54	0.83	**0.67**	ND	ND	ND	**ND**	**0.30**
214	102202	0.49	0.44	**0.44**	**0.99**	0.45	0.09	0.72	0.53	**0.19**	0.47	0.23	0.96	**0.65**	0.45	0.00	**0.24**	0.67	0.47	0.81	**0.65**	**0.61**
215	102203	0.10	0.11	**0.10**	**0.86**	0.35	0.37	0.23	0.94	**0.50**	0.75	0.17	0.88	**0.73**	0.80	0.62	**0.70**	0.28	0.48	0.43	**0.39**	**0.68**
216	102204	0.36	0.28	**0.31**	**0.70**	0.34	0.41	0.33	0.83	**0.40**	0.99	0.19	0.87	**0.83**	0.81	0.71	**0.74**	0.43	0.54	0.75	**0.55**	**0.80**
217	102205	0.64	0.65	**0.67**	**0.37**	0.49	0.08	0.83	0.27	**0.12**	0.80	0.31	0.87	**0.79**	0.64	0.00	**0.42**	0.43	0.54	0.75	**0.55**	**0.45**

No.	Standard watershed	Landscape			Stream geo-morphology	Hydrology					Water quality				Aquatic habitat			Biological				Watershed health index
		GA	ARA	Integration		Total	SP	SWD	GWD	Integration	Sed.	T-N	T-P	Integration	Connectivity	Wetland	Integration	RDI	BMI	FAI	Integration	
218	102206	0.50	0.21	**0.32**	**0.49**	0.51	0.03	0.81	0.43	**0.14**	0.44	0.61	0.98	**0.82**	0.62	0.35	**0.45**	0.70	0.56	0.83	**0.69**	**0.45**
219	102207	0.31	0.10	**0.19**	**0.14**	0.38	0.26	0.42	0.81	**0.30**	0.45	0.15	0.87	**0.52**	0.96	0.00	**0.92**	0.35	0.39	0.69	**0.45**	**0.20**
220	102208	0.15	0.14	**0.15**	**0.62**	0.83	0.56	0.16	0.93	**0.66**	0.48	0.05	0.53	**0.18**	0.95	0.00	**0.91**	0.25	0.23	0.32	**0.25**	**0.36**
221	102209	0.32	0.28	**0.29**	**0.50**	0.90	0.28	0.49	0.92	**0.53**	1.00	0.20	0.37	**0.57**	0.69	0.00	**0.47**	0.31	0.36	0.46	**0.36**	**0.32**
222	102210	0.42	0.27	**0.34**	**0.65**	0.91	0.12	0.58	0.91	**0.48**	0.78	0.28	0.55	**0.59**	0.77	0.34	**0.61**	0.58	0.56	0.83	**0.67**	**0.70**
223	102211	0.13	0.13	**0.12**	**0.46**	0.84	0.46	0.17	0.99	**0.71**	0.91	0.17	0.59	**0.65**	0.81	0.44	**0.70**	0.17	0.24	0.25	**0.20**	**0.43**
224	102212	0.14	0.03	**0.08**	**0.07**	0.79	0.56	0.10	0.94	**0.72**	0.65	0.03	0.48	**0.26**	0.72	0.86	**0.72**	0.20	0.24	0.32	**0.24**	**0.08**
225	102213	0.42	0.35	**0.38**	**0.79**	0.92	0.16	0.69	0.80	**0.39**	0.90	0.42	0.30	**0.59**	0.71	0.72	**0.67**	0.21	0.22	0.24	**0.21**	**0.54**
226	102214	0.42	0.26	**0.33**	**0.85**	0.33	0.22	0.64	0.53	**0.22**	0.87	0.75	0.65	**0.92**	0.48	0.58	**0.43**	0.42	0.29	0.33	**0.33**	**0.56**
227	102215	0.23	0.38	**0.31**	**0.09**	0.88	0.37	0.32	0.97	**0.58**	0.95	0.25	0.51	**0.70**	0.00	0.00	**0.00**	0.33	0.26	0.26	**0.27**	**0.06**
228	102301	0.28	0.32	**0.26**	**0.19**	0.86	0.43	0.28	0.95	**0.59**	0.89	0.26	0.59	**0.71**	0.50	0.88	**0.68**	0.17	0.18	0.18	**0.17**	**0.25**
229	102302	0.10	0.11	**0.09**	**0.98**	0.64	0.57	0.15	0.88	**0.59**	0.61	0.01	0.62	**0.33**	0.40	0.27	**0.21**	0.18	0.17	0.17	**0.17**	**0.16**
230	102303	0.14	0.16	**0.14**	**0.71**	0.65	0.54	0.08	0.97	**0.68**	0.98	0.11	0.63	**0.70**	0.57	0.00	**0.37**	0.27	0.19	0.17	**0.18**	**0.38**
231	102304	0.13	0.17	**0.15**	**0.36**	0.66	0.51	0.18	0.93	**0.58**	0.85	0.21	0.65	**0.70**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.03**
232	102305	0.39	0.62	**0.48**	**0.27**	0.69	0.14	0.51	0.91	**0.42**	0.54	0.30	0.97	**0.74**	0.67	0.47	**0.53**	0.50	0.25	0.31	**0.33**	**0.36**
233	102306	0.20	0.25	**0.20**	**0.42**	0.62	0.46	0.11	0.98	**0.62**	0.91	0.23	0.56	**0.67**	0.59	0.85	**0.69**	0.33	0.23	0.31	**0.28**	**0.44**
234	102307	0.06	0.08	**0.06**	**0.62**	0.59	0.67	0.06	0.82	**0.64**	0.27	0.01	0.48	**0.07**	0.43	0.87	**0.67**	ND	ND	ND	**ND**	**0.07**
235	102308	0.02	0.04	**0.02**	**0.90**	0.62	0.68	0.04	0.92	**0.75**	0.73	0.01	0.54	**0.35**	0.49	0.73	**0.56**	ND	ND	ND	**ND**	**0.23**
236	102309	0.17	0.17	**0.17**	**0.11**	0.64	0.51	0.08	1.00	**0.77**	1.00	0.20	0.65	**0.75**	0.00	0.00	**0.00**	ND	ND	ND	**ND**	**0.03**
237	102401	0.07	0.06	**0.06**	**0.66**	0.61	0.72	0.35	0.92	**0.89**	0.12	0.28	0.16	**0.01**	0.79	0.90	**0.82**	0.28	0.17	0.18	**0.19**	**0.27**

* GA: green area, ARA: active river area, SP: surface processes, SWD: soil water dynamics, GWD: Ground water dynamics, Sed.: sediment, and ND: no data.