

**Table S1.** Morphometries and limnological description of 42 reservoirs. Fluctuation is the annual water level fluctuation (values > 1 m are regulated). Rainfall/ground, Rainfall and ground water.

Num.	Main water source	Altitude (m)	Area (m <sup>2</sup> )	Fluctuation (m)	Mean depth (m)	Maximum depth (m)	Mean residence time (yr) (m3)
1	Stream	18.1	44,051	<1	2.1	4.6	0.24
2	Drainageway	13.5	9,541	<1	2.6	4.8	0.38
3	Stream	21.4	87,000	3.2	1.2	3.6	0.51
4	Rainfall/grou ndwater	21.2	12,872	2.5	0.6	2.5	0.32
5	Stream	36.2	13,241	<1	2.8	4.6	0.15
6	Rainfall/grou ndwater	8.2	20,485	3.1	1.8	3.7	0.26
7	Stream	11.3	61,284	2.1	2.4	4.2	0.51
8	Stream	18.3	21,547	5.3	1.3	3.5	0.32
9	Stream	25.3	15,214	2.5	1.6	3.3	0.47
10	Stream	31.2	18,254	6.3	4.1	5.5	0.45
11	Stream	38.2	9,547	<1	3.5	4.8	0.23
12	Drainageway	10.2	8,145	<1	1.4	3.2	0.18
13	Stream	16.2	24,547	2.1	2.1	3.8	0.13
14	Stream	18.2	33,547	<1	1.6	3.2	0.34
15	Stream	20.6	14,541	2.1	2.7	4.2	0.28
16	Rainfall/grou ndwater	38.2	35,214	<1	2.4	5.2	0.12
17	Stream	9.2	18,214	<1	1.4	3.2	0.16
18	Stream	15.2	29,325	<1	2.8	4.2	0.18
19	Stream	58.2	20,415	<1	0.9	2.7	0.20
20	Stream	15.2	23,254	3.8	1.6	2.0	0.21
21	Stream	47.5	15,365	3.2	0.8	3.4	0.25
22	Stream	26.3	12,478	<1	3.4	6.3	0.23
23	Drainageway	21.4	10,254	5.1	2.1	3.8	0.21
24	Rainfall/grou ndwater	20.5	3,654	<1	3.5	7.1	0.51
25	Stream	16.2	14,254	2.1	3.1	5.3	0.21
26	Rainfall/grou ndwater	45.2	17,254	<1	2.1	6.1	0.35
27	Drainageway	36.2	5,845	<1	2.3	4.1	0.15
28	Drainageway	27.2	13,245	<1	1.7	3.5	0.26
29	Stream	21.3	15,214	4.2	0.8	3.1	0.38
30	Rainfall/grou ndwater	37.2	28,145	3.1	1.7	3.3	0.13
31	Rainfall/grou ndwater	40.2	8,215	<1	1.2	2.8	0.50
32	Rainfall/grou ndwater	16.5	21,354	2.6	2.5	4.2	0.14
33	Stream	15.2	26,547	1.1	1.7	3.2	0.21
34	Rainfall/grou ndwater	21.5	15,325	1.2	2.3	3.8	0.42
35	Stream	25.1	16,215	2.4	1.5	2.5	0.28
36	Stream	27.6	8,547	<1	1.1	2.6	0.51

37	Stream	15.3	26,369	3.9	1.5	3.3	0.41
38	Drainageway	35.2	32,548	2.8	1.3	3.2	0.17
39	Stream	31.2	5,218	3.5	3.2	5.8	0.23
40	Stream	31.2	11,254	<1	2.1	2.6	0.16
41	Drainageway	25.3	14,541	1.4	2.1	4.3	0.31
42	Stream	28.6	5,214	2.1	2.8	3.4	0.40