

Sheet1

Appendix C. Chemical data spreadsheet for 1997 Mountain Lake water samples, including

Type	Date	Depth, cm	NH4-N	O-PO4-P	Nitrate+Nitri
	1997				
Rain	30-Jun	8	0.08	0.023	0.95
Rain	2-Jul	11	0.05	0.029	0.27
Rain	5-Jul	5	0.13		1.28
Rain	7-Jul	8	0.42	0.012	0.09
Rain	10-Jul	3	0.34		0.95
Rain	23-Jul	4	0.48		1.6
Rain	24-Jul	3	0.26		2
Rain	1-Aug	8	0.3	0.0125	1.08
Rain	5-Aug	8	0.22	0.0275	1.8
Rain	14-Aug	5	0.26	0.027	0.84
Rain	26-Aug	10	0.56	0.029	0.85
Rain	7-Sep	15	0.58	0.029	1.68
Rain	25-Sep	11	0.23	0.001	0.92
Rain	29-Sep	10	0.021	0.0013	0.125
Rain	29-Sep	11	0.024	0.029	0.125
Rain	24-Oct	13.5	0.36	0.029	1.8
		AVERAGES	0.2696875	0.020775	1.0225
Lake	15-Jun	1	0.007	0.0033	0.34
Lake	16-Jul	0.1	0.026	0.00225	0.074
Lake	16-Jul	1	0.006	0.00063	0.17
Lake	16-Jul	6	0.013	0.0011	0.29
Lake	16-Jul	10	0.018	0.0011	0.27
Lake	16-Jul	17	0.034	0.00086	0.48
Lake	25-Aug	1	0.0014	0.001	0.028
Lake	30-Aug	1	0.0025		0.017
Lake	30-Aug	6	0.0034	0.0024	0.026
Lake	30-Aug	10	0.048	0.0008	0.086
Lake	30-Aug	16	0.0094	0.0011	0.6
Lake	20-Sep	1	0.0017		0.026
		AVERAGES	0.0142	0.001454	0.20058333
Spring	8-Jul		0.005	0.00185	0.23
Marsh	15-Jun		0.035	0.0066	0.027
Marsh	8-Jul		0.0037	0.0011	0.75

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i1	15-Jun		0.058		0.066
i2	15-Jun		0.0041	0.0052	1.4
i2	8-Jul		0.0041	0.0043	1.9
i3	15-Jun		0.006	0.008	0.94
i3	8-Jul		0.002	0.008	0.8
i3	30-Aug		0.005		1.4
i4	15-Jun		0.0068	0.009	1.16
i4	16-Jul		0.0068	0.011	0.6
i4	30-Aug		0.0014	0.0018	4.75
i4	20-Sep		0.0019	0.0011	0.15
i4	25-Oct		0.0016	0.00098	1.4
i5	15-Jun		0.23	0.00185	1.38
i5	30-Aug		0.0025	0.0016	1.3
		AVERAGES	0.0254	0.00480273	1.32661538

rain, lake water, marsh, bottom springs and input streams.			
<u>NO2-N</u>	NO3-N		
0	0.95		
0	0.27		
0.015	1.265		
0	0.09		
0	0.95		
0.016	1.584		
0	2		
0	1.08		
0.014	1.786		
0	0.84		
0	0.85		
0.058	1.622		
0	0.92		
0.016	0.109		
0	0.125		
0.095	1.705		
	1.009125		
0	0.34		
0	0.074		
0	0.17		
0	0.29		
0	0.27		
0	0.48		
0	0.028		
0	0.017		
0	0.026		
0	0.086		
0	0.6		
0	0.026		
	0.20058333		
0	0.23		
0	0.027		
0	0.75		

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0	0.066		
0.014	1.386		
0	1.9		
0	0.94		
0	0.8		
0	1.4		
0	1.16		
0	0.6		
0	4.75		
0	0.15		
0	1.4		
0	1.38		
0	1.3		
	1.32553846		