Appendix 4
Model predicted ANC values in years 2050 and 2200 in response to scenarios involving reductions in atmospheric deposition of SO_4^{2-}, NO_3^-+NH_4^+ and combined SO_4^{2-} plus NO_3^-+NH_4^+

Model predicted ANC values in years 2050 and 2200 in response to scenarios involving reductions in atmospheric deposition of SO_4^{2-}, $NO_3^-+NH_4^+$ and combined SO_4^{2-} plus $NO_3^-+NH_4^+$.

ANC corresponding to the year 2050 are shown in pages A4-1 to A4-5

ANC corresponding to the year 2200 are shown in pages A4-6 to A4-10

ANC (μeq/L) in 2050 Corresponding to Percent Reduction in Atmospheric SO4, NO3 and NH4 Loadings

Lake_ID	*Lake_Name*	*SO4 = 0; N03+NH4 = 0*	*SO4 = 0.1; N03+NH4 = 0*	*SO4 = 0.25; N03+NH4 = 0*	*SO4 = 0.4; N03+NH4 = 0*	*SO4 = 0.5; N03+NH4 = 0*	*SO4 = 0.6; N03+NH4 = 0*	*SO4 = 0.75; N03+NH4 = 0*	*SO4 = 0.9; N03+NH4 = 0*	*SO4 = 1; N03+NH4 = 0*	*SO4 = 0; N03+NH4 = 0.1*	*SO4 = 0.1; N03+NH4 = 0.1*	*SO4 = 0; N03+NH4 = 0.25*	*SO4 = 0.25; N03+NH4 = 0.25*	*SO4 = 0; N03+NH4 = 0.4*	*SO4 = 0.4; N03+NH4 = 0.4*	*SO4 = 0; N03+NH4 = 0.5*	*SO4 = 0.5; N03+NH4 = 0.5*	*SO4 = 0; N03+NH4 = 0.6*	*SO4 = 0.6; N03+NH4 = 0.6*	*SO4 = 0; N03+NH4 = 0.75*	*SO4 = 0.75; N03+NH4 = 0.75*	*SO4 = 0; N03+NH4 = 0.9*	*SO4 = 0.9; N03+NH4 = 0.9*	*SO4 = 0; N03+NH4 = 1*	*SO4 = 1; N03+NH4 = 1*
020138	East Copperas Pond	-10	-9.4	-8.6	-7.7	-7.1	-6.5	-5.7	-4.9	-4.4	-10	-9.5	-10	-8.9	-11	-8.3	-11	-7.9	-11	-7.4	-11	-6.9	-11	-6.3	-11	-6
020201	St. Germain Pond	-4.1	-3.7	-3.1	-2.7	-2.4	-2	-1.4	-0.9	-0.5	-4.3	-3.8	-4.5	-3.6	-4.8	-3.4	-4.9	-3.2	-5	-3	-5.2	-2.6	-5.3	-2.3	-5.5	-2
030221	Benz Pond	-3.7	-3.2	-2.3	-1.7	-1.1	-0.7	0	0.7	1.1	-3.9	-3.4	-4.2	-3	-4.5	-2.6	-4.7	-2.3	-4.9	-2.1	-5.1	-1.8	-5.4	-1.5	-5.7	-1.2
035219	Duck Pond	14	15	16	17	18	19	20	21	21	14	15	14	16	14	17	14	18	14	18	14	19	14	20	14	21
040181	Gregg Lake	19	20	22	21	22	23	25	26	27	19	20	19	21	18	21	19	22	19	23	19	25	19	26	19	27
040184	Green Pond	-7.9	-7.1	-6.2	-5.4	-4.8	-4.3	-3.5	-2.7	-2.2	-8	-7.2	-8	-6.5	-8.1	-5.8	-8.2	-5.4	-8.3	-4.9	-8.4	-4.3	-8.5	-3.6	-8.6	-3.2
040195	Muskrat Pond	14	16	17	19	20	21	21	23	23	14	16	15	17	15	18	15	19	15	20	15	22	15	23	15	22
040197	Diana Pond	11	12	14	15	16	17	18	18	19	11	12	12	14	12	15	11	16	11	17	12	17	12	19	12	19
040200	Upper South Pond	15	14	15	17	18	18	20	21	22	14	14	13	16	13	17	14	18	14	18	14	20	14	21	14	22
040201	Unnamed P #4-201	-6.1	-5.6	-5	-4.3	-3.8	-3.4	-2.7	-2.1	-1.6	-6.3	-5.8	-6.5	-5.3	-6.6	-4.8	-6.8	-4.5	-6.9	-4.2	-7	-3.7	-7.2	-3.2	-7.3	-2.9
040203	Unnamed P #4-203	-5.1	-4.6	-4	-3.4	-3	-2.6	-2	-1.4	-1	-5.2	-4.8	-5.4	-4.4	-5.6	-4	-5.8	-3.7	-5.9	-3.4	-6.1	-3	-6.3	-2.6	-6.4	-2.3
040210	Willys Lake	9.8	11	12	14	15	16	17	19	19	9.8	11	9.9	12	10	14	10	15	10	16	10	17	10	19	10	20
040240	Desert Pond	22	23	24	25	25	26	27	28	29	22	23	21	23	21	23	20	23	20	24	20	24	19	25	19	25
040245	Jakes Pond	17	17	17	19	20	21	22	23	24	17	17	16	17	16	19	17	20	16	20	15	22	15	23	15	24
040246	Buck Pond	24	24	25	25	26	26	27	28	28	24	24	23	24	23	25	23	25	23	25	22	26	22	26	22	27
040247	Hog Pond	26	26	27	28	28	29	30	31	31	26	26	25	27	25	27	25	28	25	28	25	29	24	29	24	30
040289	Crystal Lake	9.7	11	12	13	14	15	16	17	18	9.7	11	9.7	12	9.8	13	9.8	14	9.8	15	9.8	16	9.9	17	9.9	17
040365	Oven Lake	-7.8	-7.3	-6.5	-5.7	-5.1	-4.6	-3.9	-3.2	-2.9	-8	-7.4	-8.2	-6.8	-8.3	-6.2	-8.4	-5.7	-8.4	-5.3	-8.5	-4.9	-8.6	-4.1	-8.7	-3.8
040368	Hitchens Pond	11	12	14	16	17	18	20	21	22	11	12	11	14	11	16	12	17	12	18	12	20	12	21	12	22
040436	Sand Pond	15	16	17	18	19	20	21	22	23	15	16	15	17	15	18	15	19	15	20	15	21	15	22	15	23
040438	Ike's Pond	-6.7	-6.1	-5.4	-4.6	-4.1	-3.7	-3	-2.3	-1.8	-6.8	-6.3	-7	-5.8	-7.3	-5.3	-7.4	-5	-7.6	-4.7	-7.8	-4.2	-8.1	-3.8	-8.2	-3.5
040443	Pepperbox Pond	14	15	16	18	19	20	21	22	21	14	15	14	17	14	18	15	19	15	20	15	20	15	21	15	21
040444	Lower Spring Pond	23	24	25	26	27	28	29	31	31	23	24	23	25	23	26	23	27	23	28	22	29	22	30	22	29
040446	Tied Lake	26	27	28	28	29	29	30	31	32	26	27	26	27	26	28	26	28	26	29	25	29	25	30	25	31
040457	Unnamed	20	20	22	23	24	25	26	26	26	19	20	19	22	20	23	20	24	20	25	20	25	20	26	20	27
040458	Bear Pond	-8.5	-7.8	-6.9	-6.1	-5.5	-5	-4.2	-3.4	-2.8	-8.7	-8	-8.8	-7.3	-9	-6.7	-9.2	-6.3	-9.3	-5.9	-9.5	-5.2	-9.7	-4.6	-9.9	-4.2
040473	Sunday Lake	27	27	28	29	30	30	31	32	33	27	27	27	28	27	30	27	30	27	31	27	32	27	33	28	34
040485	Deer Pond	-7	-6.4	-5.6	-4.8	-4.3	-3.8	-3	-2.3	-1.8	-7.2	-6.6	-7.6	-6.2	-7.7	-5.6	-7.9	-5.2	-8	-4.9	-8.1	-4.3	-8.3	-4	-8.4	-3.8
040491	Upper Moshier Pond	14	15	17	18	19	20	21	22	22	14	15	14	17	15	18	15	19	14	20	14	21	14	22	14	23
040494	Shallow Pond	-7.7	-7.2	-6.3	-5.5	-5	-4.4	-3.9	-3.1	-2.6	-7.9	-7.3	-8.1	-6.7	-8.3	-6.4	-8.5	-6	-8.7	-5.6	-8.8	-5	-8.9	-4.5	-9.2	-4.2
040496	Raven Lake	15	16	17	18	18	19	20	22	22	15	16	15	17	15	17	15	18	15	19	15	21	15	22	15	23
040497	Unnamed P #4-497	-7.1	-6.5	-5.8	-5	-4.5	-4	-3.5	-2.8	-2.3	-7.2	-6.6	-7.3	-6	-7.5	-5.4	-7.6	-5.3	-7.7	-4.9	-7.8	-4.3	-7.9	-3.7	-7.9	-3.3
040498	Lyon Lake	13	14	15	16	17	17	18	19	19	13	14	13	15	13	16	13	17	13	18	13	17	13	19	13	19

ANC (μeq/L) in 2050 Corresponding to Percent Reduction in Atmospheric SO4, NO3 and NH4 Loadings

Lake_ID	*Lake_Name*	*SO4 = 0; N03+NH4 = 0*	*SO4 = 0.1; N03+NH4 = 0*	*SO4 = 0.25; N03+NH4 = 0*	*SO4 = 0.4; N03+NH4 = 0*	*SO4 = 0.5; N03+NH4 = 0*	*SO4 = 0.6; N03+NH4 = 0*	*SO4 = 0.75; N03+NH4 = 0*	*SO4 = 0.9; N03+NH4 = 0*	*SO4 = 1; N03+NH4 = 0*	*SO4 = 0; N03+NH4 = 0.1*	*SO4 = 0.1; N03+NH4 = 0.1*	*SO4 = 0; N03+NH4 = 0.25*	*SO4 = 0.25; N03+NH4 = 0.25*	*SO4 = 0; N03+NH4 = 0.4*	*SO4 = 0.4; N03+NH4 = 0.4*	*SO4 = 0; N03+NH4 = 0.5*	*SO4 = 0.5; N03+NH4 = 0.5*	*SO4 = 0; N03+NH4 = 0.6*	*SO4 = 0.6; N03+NH4 = 0.6*	*SO4 = 0; N03+NH4 = 0.75*	*SO4 = 0.75; N03+NH4 = 0.75*	*SO4 = 0; N03+NH4 = 0.9*	*SO4 = 0.9; N03+NH4 = 0.9*	*SO4 = 0; N03+NH4 = 1*	*SO4 = 1; N03+NH4 = 1*
040499	Slim Pond	22	23	24	25	25	26	27	27	28	22	23	22	24	22	24	22	25	22	25	22	26	22	27	21	27
040500	Evergreen Lake	11	12	13	14	15	16	17	18	19	11	12	11	13	11	14	11	15	11	16	11	17	11	18	11	18
040502	Peaked Mtn. Lake	-6.6	-6.1	-5.3	-4.5	-4	-3.5	-2.7	-2	-1.8	-6.8	-6.3	-7.1	-5.7	-7.4	-5.3	-7.6	-4.9	-7.7	-4.6	-7.8	-4.4	-8	-3.8	-8	-3.5
040505	Hidden Lake	22	22	23	24	24	25	26	26	27	22	22	21	23	21	23	21	24	21	24	21	25	21	26	21	26
040508	Ginger Pond	19	19	21	22	23	24	25	27	27	19	19	19	21	18	22	18	23	18	24	18	25	18	26	18	27
040510	Unnamed P #4-510	-8.9	-8	-7	-6	-5.4	-4.8	-3.9	-3.5	-2.8	-8.8	-8.1	-9	-7.3	-9.1	-6.5	-9.2	-6	-9.3	-5.6	-9.4	-5.3	-9.5	-4.6	-9.5	-3.9
040511	Soda Pond	12	12	14	15	15	16	17	18	19	12	12	12	14	12	15	12	15	12	16	12	17	12	18	12	19
040513	Unnamed P #4-513	13	14	15	17	17	18	19	21	20	14	14	14	15	13	17	13	18	13	19	13	18	13	20	14	20
040522	Higby Twins E. Pond	10	11	13	15	16	17	19	20	22	10	11	11	13	11	15	11	17	11	18	11	20	11	21	11	23
040523	Higby Twins W. Pond	14	15	17	18	19	20	22	23	24	14	15	14	17	14	19	14	20	14	21	15	22	15	24	15	25
040527	Summit Pond	-5.4	-4.8	-4.2	-3.5	-3.1	-2.7	-2.1	-1.8	-1.5	-5.6	-5	-5.7	-4.6	-5.9	-4.2	-6.1	-3.9	-6.2	-3.7	-6.4	-3.7	-6.6	-3.1	-6.7	-2.9
040530	Beaverdam Pond	17	18	20	21	22	23	25	26	27	17	18	17	20	17	21	17	22	17	23	17	24	17	26	17	27
040534	Little Rock Pond	-5.1	-4.6	-3.9	-3.2	-2.7	-2.3	-1.7	-1.1	-0.9	-5.2	-4.7	-5.4	-4.3	-5.6	-3.8	-5.8	-3.5	-5.9	-3.2	-6.1	-3.1	-6.2	-2.7	-6.3	-2.4
040547	Lilypad Pond	30	30	31	32	33	33	34	35	36	29	30	29	31	29	31	28	32	28	32	28	33	28	34	28	34
040548	Mud Pond	30	31	32	33	33	34	35	36	36	30	31	30	31	29	31	29	32	29	32	28	33	28	33	28	34
040549	Little Salmon Lake	29	30	31	31	32	33	33	34	35	29	30	29	30	29	31	28	31	28	31	28	32	28	33	28	33
040550	Frank Pond	-5.5	-4.9	-4	-3.2	-2.7	-2.2	-2	-1.2	-0.6	-5.7	-5	-5.8	-4.5	-6.1	-4	-6.3	-3.9	-6.5	-3.9	-6.7	-3.5	-6.9	-3	-7.1	-2.6
040551	Hardigan Pond	19	20	22	23	24	24	26	27	27	19	20	19	21	19	23	19	23	19	24	19	25	19	26	19	27
040570	Terror Lake	14	15	16	17	18	18	20	22	23	14	15	14	16	14	16	14	18	14	19	14	21	14	22	14	23
040571	East Pond	-5.8	-5.2	-4.4	-3.6	-3.1	-2.6	-2	-1.3	-0.8	-5.9	-5.4	-6.1	-4.8	-6.3	-4.3	-6.5	-3.9	-6.6	-3.6	-6.8	-3.1	-6.9	-2.9	-7.1	-2.7
040581	Pocket Pond	-8.9	-8.2	-7.1	-6.1	-5.4	-4.8	-3.9	-2.8	-2.3	-9	-8.2	-9	-7.3	-9.1	-6.4	-9.1	-5.7	-9.2	-5.2	-9.3	-4.6	-9.3	-4.2	-9.4	-3.8
040582	South Pond	11	12	13	14	16	17	18	20	21	11	12	11	13	11	15	11	16	11	17	10	18	10	20	11	21
040608	Evies Pond	22	22	23	24	24	25	26	27	27	21	22	20	22	20	22	20	23	19	23	19	23	18	24	18	24
040610	Long Lake	20	21	21	22	22	23	23	24	24	20	20	19	20	19	21	19	21	18	21	18	21	18	21	17	22
040615	Fish Pond	87	88	90	91	93	94	95	97	98	87	88	87	90	87	92	87	93	87	94	88	95	88	97	88	98
040630	Bill's Pond	21	22	23	24	25	26	27	29	29	21	22	21	23	21	24	21	25	21	26	21	27	21	26	20	27
040632	Panther Pond	13	14	16	17	18	19	21	23	24	13	14	13	16	13	17	13	18	13	19	13	21	13	22	13	23
040638	Unnamed P #4-638	-8.2	-7.6	-6.8	-5.9	-5.3	-4.7	-4	-3.2	-2.7	-8.4	-7.8	-8.6	-7.2	-8.8	-6.5	-9	-6.1	-9.1	-5.7	-9.2	-5.2	-9.4	-4.6	-9.6	-4.2
040646	Unnamed P #4-646	15	16	17	18	19	20	20	21	22	15	16	15	17	15	19	15	20	15	19	15	20	15	22	15	23
040651	Little Diamond Pond	13	14	15	15	16	17	18	19	20	13	14	13	14	13	15	13	16	13	17	13	18	12	19	12	20
040679	Unnamed P #4-679	-6.7	-6.2	-5.5	-4.7	-4.3	-3.8	-3.3	-2.6	-2.2	-6.9	-6.4	-7.1	-5.8	-7.3	-5.3	-7.4	-5.2	-7.5	-4.8	-7.7	-4.3	-7.9	-3.8	-8	-3.5
040681	Black Foot Pond	13	15	16	18	19	19	21	23	23	14	15	14	17	14	18	14	19	14	20	14	22	14	22	14	23
040702	Lost Pond	13	14	16	17	17	19	20	22	23	13	14	13	16	13	16	13	17	13	18	13	20	13	22	13	23

ANC (μeq/L) in 2050 Corresponding to Percent Reduction in Atmospheric SO4, NO3 and NH4 Loadings

Lake_ID	*Lake_Name*	*SO4 = 0; N03+NH4 = 0*	*SO4 = 0.1; N03+NH4 = 0*	*SO4 = 0.25; N03+NH4 = 0*	*SO4 = 0.4; N03+NH4 = 0*	*SO4 = 0.5; N03+NH4 = 0*	*SO4 = 0.6; N03+NH4 = 0*	*SO4 = 0.75; N03+NH4 = 0*	*SO4 = 0.9; N03+NH4 = 0*	*SO4 = 1; N03+NH4 = 0*	*SO4 = 0; N03+NH4 = 0.1*	*SO4 = 0.1; N03+NH4 = 0.1*	*SO4 = 0; N03+NH4 = 0.25*	*SO4 = 0.25; N03+NH4 = 0.25*	*SO4 = 0; N03+NH4 = 0.4*	*SO4 = 0.4; N03+NH4 = 0.4*	*SO4 = 0; N03+NH4 = 0.5*	*SO4 = 0.5; N03+NH4 = 0.5*	*SO4 = 0; N03+NH4 = 0.6*	*SO4 = 0.6; N03+NH4 = 0.6*	*SO4 = 0; N03+NH4 = 0.75*	*SO4 = 0.75; N03+NH4 = 0.75*	*SO4 = 0; N03+NH4 = 0.9*	*SO4 = 0.9; N03+NH4 = 0.9*	*SO4 = 0; N03+NH4 = 1*	*SO4 = 1; N03+NH4 = 1*
040704	Middle Settlement Pond	19	20	21	22	23	22	23	24	25	19	20	19	21	19	22	18	21	18	22	19	23	18	24	18	24
040705	Cedar Pond	24	24	25	26	27	27	28	29	30	24	24	23	25	23	25	23	26	23	26	22	27	22	28	22	28
040706	Grass Pond	34	35	36	38	39	40	42	43	44	34	35	34	37	34	39	35	40	35	41	35	43	35	45	35	47
040707	Middle Branch Pond	64	65	67	68	69	72	72	72	73	64	66	64	66	65	68	64	71	64	70	64	71	65	69	65	70
040708	Little Pine Pond	22	22	23	24	24	25	26	27	28	21	22	21	22	20	23	20	23	20	24	20	24	19	25	19	26
040748	Bubb Lake	25	26	27	27	28	28	29	30	31	25	26	25	26	24	26	24	27	24	27	23	28	23	28	23	29
040753	West Pond	7.3	8.1	9.3	10	11	12	13	14	15	7.2	7.9	7	8.8	6.8	9.7	6.7	10	6.4	11	6.2	12	6.1	13	6	14
040754	Squash Pond	-11	-10	-9	-8	-7.4	-6.8	-6.2	-5.6	-5	-11	-10	-11	-9	-11	-8	-11	-7.5	-11	-7.2	-11	-6.4	-11	-5.5	-11	-5
040757	Little Chief Pond	-6	-5.4	-4.5	-3.7	-3.2	-2.7	-1.9	-1.2	-0.7	-6.1	-5.6	-6.4	-4.9	-6.6	-4.4	-6.7	-4	-6.9	-3.7	-7.1	-3.2	-7.3	-2.9	-7.4	-2.8
040758	Gull Lake South	-5.4	-5	-4.3	-3.7	-3.3	-2.9	-2.3	-1.7	-1.3	-5.5	-5.1	-5.7	-4.6	-5.9	-4.2	-6	-3.9	-6.1	-3.6	-6.3	-3.2	-6.5	-2.8	-6.6	-2.5
040759	Unnamed P #4-759	-5.3	-4.9	-4.2	-3.5	-3.1	-2.6	-2	-1.3	-0.9	-5.5	-5	-5.7	-4.6	-6	-4.1	-6.1	-3.8	-6.3	-3.6	-6.5	-3.2	-6.6	-2.7	-6.7	-2.9
040760	Otter Pond	28	29	30	31	31	32	33	33	34	28	29	28	29	28	30	28	31	28	31	28	32	28	33	28	34
040762	North Gull Lake	20	20	20	21	22	23	24	25	26	20	20	20	20	20	21	19	22	18	23	18	24	18	25	18	26
040768	Lower Sister Lake	19	20	20	22	23	24	25	27	28	19	20	19	20	19	22	19	23	17	24	18	25	18	27	18	28
040777	Constable Pond	0.1	0.5	1.2	1.8	2.3	2.7	3.4	4.1	4.6	0.1	0.5	0.1	1.1	0	1.7	-0	2.1	-0	2.6	-0.1	3.3	-0.1	4.2	-0.2	4.7
040778	Chub Pond	19	20	20	22	22	23	25	26	27	19	19	19	20	18	21	18	22	18	23	18	25	18	26	18	27
040779	Pigeon Lake	-4.8	-4.4	-3.7	-3	-2.6	-2.2	-1.5	-0.9	-0.8	-5	-4.5	-5.2	-4.1	-5.4	-3.6	-5.5	-3.3	-5.6	-3	-5.8	-2.9	-6	-2.6	-6.1	-2.2
040788	Eagles Nest Lake	66	67	68	67	67	68	69	70	70	66	67	66	66	67	67	64	68	65	68	65	69	65	70	65	70
040826	Limekiln Lake	23	23	24	24	25	25	26	26	27	22	23	22	23	22	24	22	24	22	24	22	25	22	25	21	26
040836	Stink Lake	24	25	25	26	27	27	28	29	30	24	24	24	25	24	26	23	26	23	27	23	28	23	28	23	29
040837	Balsam Lake	24	24	25	26	27	27	27	28	28	24	24	24	25	24	26	23	26	23	25	23	26	23	27	23	28
040841	Kettle Pond (also, Unnamed P #4-841)	-7.4	-7	-6	-5.1	-4.5	-3.9	-3	-2.2	-1.7	-7.7	-7.1	-7.9	-6.3	-8	-5.6	-8	-5	-8.1	-4.6	-8.3	-4	-8.4	-3.4	-8.4	-3
040852	Indian Lake	-6.2	-5.7	-5.1	-4.7	-4.3	-3.9	-3.2	-2.4	-2	-6.2	-5.8	-6.2	-5.2	-6.3	-4.8	-6.3	-4.2	-6.4	-3.8	-6.4	-3.2	-6.7	-2.6	-6.7	-2.2
040854	Horn Pond	17	18	17	18	18	18	19	20	20	17	18	17	17	17	17	17	18	17	18	16	18	15	19	15	19
040863	Unnamed P #4-863	-5.9	-5.4	-4.9	-4.4	-4	-3.6	-2.9	-2.2	-1.8	-6	-5.7	-6.1	-5.3	-6.1	-4.7	-6.2	-4.3	-6.3	-3.9	-6.4	-3.4	-6.4	-2.8	-6.5	-2.4
040866	Deep Lake	12	12	14	15	16	16	17	18	19	12	13	12	14	12	15	12	16	12	17	12	18	12	19	12	20
040869	Twin Lake West	15	16	17	19	20	21	22	24	24	15	16	15	18	15	19	16	20	16	22	16	23	16	25	16	26
040870	Twin Lake East	14	15	16	18	19	20	21	22	23	14	15	14	16	14	18	14	19	14	20	14	22	15	23	15	24
040873	Wolf Lake	-7.1	-6.6	-5.8	-5.1	-4.6	-4	-3.3	-2.6	-2.2	-7.1	-6.6	-7.1	-5.7	-7	-4.8	-6.8	-4.3	-6.8	-3.9	-6.8	-3.2	-6.8	-2.6	-6.8	-2.1
040874	Brooktrout Lake	4.7	5.3	5.4	6.2	6.1	6.4	7.2	7.7	8	4.9	5.2	4.8	5.5	4.3	5.5	4.3	6.1	4.2	6.3	4.4	6.2	4.3	6.6	4.2	6.8
040875	Northrup Lake	23	24	25	25	26	27	28	28	29	23	23	22	25	22	26	23	26	23	26	23	27	23	28	23	29
040880	Bear Pond	20	21	20	21	22	23	24	25	26	20	21	20	20	20	21	20	22	19	23	19	24	20	25	20	26
040885	Falls Pond	12	13	14	15	16	17	18	19	20	13	14	13	14	13	16	13	17	13	17	13	18	13	20	13	20

ANC (μeq/L) in 2050 Corresponding to Percent Reduction in Atmospheric SO4, NO3 and NH4 Loadings

Lake_ID	*Lake_Name*	*SO4 = 0; N03+NH4 = 0*	*SO4 = 0.1; N03+NH4 = 0*	*SO4 = 0.25; N03+NH4 = 0*	*SO4 = 0.4; N03+NH4 = 0*	*SO4 = 0.5; N03+NH4 = 0*	*SO4 = 0.6; N03+NH4 = 0*	*SO4 = 0.75; N03+NH4 = 0*	*SO4 = 0.9; N03+NH4 = 0*	*SO4 = 1; N03+NH4 = 0*	*SO4 = 0; N03+NH4 = 0.1*	*SO4 = 0.1; N03+NH4 = 0.1*	*SO4 = 0; N03+NH4 = 0.25*	*SO4 = 0.25; N03+NH4 = 0.25*	*SO4 = 0; N03+NH4 = 0.4*	*SO4 = 0.4; N03+NH4 = 0.4*	*SO4 = 0; N03+NH4 = 0.5*	*SO4 = 0.5; N03+NH4 = 0.5*	*SO4 = 0; N03+NH4 = 0.6*	*SO4 = 0.6; N03+NH4 = 0.6*	*SO4 = 0; N03+NH4 = 0.75*	*SO4 = 0.75; N03+NH4 = 0.75*	*SO4 = 0; N03+NH4 = 0.9*	*SO4 = 0.9; N03+NH4 = 0.9*	*SO4 = 0; N03+NH4 = 1*	*SO4 = 1; N03+NH4 = 1*
040888	Sly Pond	-7.3	-6.8	-6.4	-5.5	-5	-4.5	-3.6	-2.9	-2.4	-7.3	-6.8	-7.3	-6.4	-7.3	-5.6	-7.4	-4.9	-7.4	-4.5	-7.4	-3.8	-7.4	-3.1	-7.4	-2.6
040889	Cellar Pond	-6.7	-6	-5.2	-4.8	-4	-3.4	-2.5	-1.6	-1	-6.7	-6	-6.6	-5.6	-6.5	-4.6	-6.5	-3.8	-6.5	-3.2	-6.4	-2.2	-6.4	-1.3	-6.3	-0.6
040951	Little Woodhull Lake	20	21	22	24	24	25	26	27	28	20	21	20	22	20	23	20	24	20	25	20	26	20	27	20	28
040952	Lily Lake	23	24	25	26	27	28	26	28	28	23	24	23	25	23	26	23	27	23	25	23	26	23	27	23	28
040984	Bloodsucker Pond	11	12	12	14	14	15	15	16	17	11	12	11	13	11	14	11	14	11	15	12	16	11	17	11	17
040995	Burp Lake	12	13	14	15	16	16	18	19	19	12	13	12	14	12	15	12	16	12	16	12	18	12	19	13	20
041003	Little Salmon Lk.	23	24	24	25	25	26	27	27	28	23	24	23	24	23	25	23	25	23	26	23	26	23	27	23	27
041007	North Lake	20	21	22	23	24	25	25	26	27	20	20	19	22	20	23	20	24	21	25	21	26	20	28	20	29
041011	Snyder Lake	-8.8	-8.1	-7	-6.4	-5.6	-5.2	-4.3	-3.2	-2.6	-8.8	-8	-8.7	-6.9	-8.6	-6.2	-8.6	-5.7	-8.5	-4.9	-8.4	-3.8	-8.4	-2.8	-8.3	-2.2
045178	Unnamed	-8.6	-8.4	-7.5	-6.7	-6.2	-5.7	-4.9	-4.2	-3.7	-8.9	-8.4	-8.9	-7.5	-8.9	-6.7	-8.9	-6.2	-8.9	-5.7	-8.9	-5	-8.9	-4.2	-8.9	-3.7
045228	Upper Lennon Pond	9.3	10	12	13	14	15	15	17	18	9.4	10	9.5	12	9.6	13	9.6	14	9.4	14	9.5	16	9.6	17	9.6	18
050215	Willis Lake	64	66	68	70	73	74	76	77	79	64	66	65	68	65	72	65	73	65	74	66	77	66	79	66	80
050259	Jockeybush Lake	20	21	22	23	24	24	26	26	25	20	21	20	22	20	23	20	24	20	25	20	25	20	25	20	25
050458	Clear Pond	103	103	105	106	107	107	109	110	111	103	104	103	105	103	106	103	107	103	108	104	110	104	111	104	112
050582	Bullhead Pond	135	136	137	139	139	140	142	143	144	135	136	135	137	135	139	135	140	136	141	136	143	136	144	136	146
050584	Cranberry Pond	34	32	33	34	34	35	36	37	38	34	31	31	32	31	33	31	34	31	35	30	35	30	36	30	37
050586	Rock Pond	14	15	16	18	19	20	21	22	23	14	15	14	16	14	18	14	19	14	19	14	21	14	22	14	22
050587	Stonystep Pond	28	29	30	31	32	33	34	36	36	28	29	28	30	28	31	28	32	28	33	28	34	28	36	28	35
050589	Puffer Pond	29	30	31	29	30	30	31	32	32	29	30	29	28	29	29	29	29	29	30	29	31	29	31	29	32
050593	Center Pond	126	126	128	129	130	131	132	134	134	126	127	126	128	126	130	126	131	126	132	126	133	127	135	127	136
050594	Clear Pond	100	101	102	103	103	104	105	106	106	100	101	100	102	100	103	100	104	100	104	100	105	101	106	101	107
050607	Little Moose Pond	23	24	25	25	26	27	27	28	29	23	24	23	25	23	26	23	26	23	27	23	28	23	29	24	30
050608	Otter Pond	18	19	20	20	21	22	22	23	24	18	19	18	20	18	20	18	21	18	21	18	22	18	23	18	23
050656	Green Pond	92	92	93	94	95	96	97	98	98	92	92	92	93	92	94	92	95	92	96	92	95	92	97	92	95
050658	Unknown Pond	131	132	133	134	135	136	138	139	140	131	132	131	133	131	135	131	136	131	137	132	134	132	134	132	133
050665	Dishrag Pond	-5.5	-5	-4.2	-3.4	-2.9	-3.2	-2	-1.3	-0.8	-5.4	-4.9	-5.3	-4	-5.1	-3.1	-5	-2.4	-5	-2.4	-4.8	-1.3	-4.7	-0.4	-4.6	0.2
050666	Wakely Pond	57	58	59	60	61	61	62	64	64	57	58	57	59	57	60	57	61	57	62	57	63	57	64	57	65
050669	Carry Pond	1.5	1.9	2.7	3.4	3.8	4.2	4.8	5.4	5.8	1.5	2	1.3	2.6	1.4	3.1	1.3	3.4	1.3	3.8	1.2	4.2	1.1	4.7	1	5.1
050684	Arbutus Lake	78	79	81	82	82	83	85	86	87	79	79	79	81	79	82	79	83	79	84	79	86	80	87	80	88
050687	Round Pond	118	119	119	121	122	123	120	122	123	118	119	119	120	117	120	117	123	120	119	118	122	118	123	118	124
060129	Rock Pond, P-129	29	29	30	31	31	32	33	33	34	28	29	28	29	28	30	27	30	27	30	27	31	27	32	26	32
060147	High Pond	0.7	1	1.3	1.7	1.9	2.2	2.3	2.6	2.9	0.6	0.8	0.3	1	0.1	1.1	-0	1.2	-0.1	1.1	-0.2	1.3	-0.3	1.5	-0.4	1.6
060148	Little Pine Pond	0.1	0.4	1	1.5	1.6	1.8	2.3	2.9	3.2	-0.1	0.3	-0.3	0.6	-0.5	0.5	-0.7	0.7	-0.9	1	-1.1	1.2	-1.3	1.3	-1.5	1.5

ANC (μeq/L) in 2050 Corresponding to Percent Reduction in Atmospheric SO4, NO3 and NH4 Loadings

Lake_ID	*Lake_Name*	*SO4 = 0; N03+NH4 = 0*	*SO4 = 0.1; N03+NH4 = 0*	*SO4 = 0.25; N03+NH4 = 0*	*SO4 = 0.4; N03+NH4 = 0*	*SO4 = 0.5; N03+NH4 = 0*	*SO4 = 0.6; N03+NH4 = 0*	*SO4 = 0.75; N03+NH4 = 0*	*SO4 = 0.9; N03+NH4 = 0*	*SO4 = 1; N03+NH4 = 0*	*SO4 = 0; N03+NH4 = 0.1*	*SO4 = 0.1; N03+NH4 = 0.1*	*SO4 = 0; N03+NH4 = 0.25*	*SO4 = 0.25; N03+NH4 = 0.25*	*SO4 = 0; N03+NH4 = 0.4*	*SO4 = 0.4; N03+NH4 = 0.4*	*SO4 = 0; N03+NH4 = 0.5*	*SO4 = 0.5; N03+NH4 = 0.5*	*SO4 = 0; N03+NH4 = 0.6*	*SO4 = 0.6; N03+NH4 = 0.6*	*SO4 = 0; N03+NH4 = 0.75*	*SO4 = 0.75; N03+NH4 = 0.75*	*SO4 = 0; N03+NH4 = 0.9*	*SO4 = 0.9; N03+NH4 = 0.9*	*SO4 = 0; N03+NH4 = 1*	*SO4 = 1; N03+NH4 = 1*
060170	Halfmoon Pond	13	14	16	18	19	20	21	23	24	13	14	13	16	13	18	13	19	14	20	14	21	14	23	14	24
060313	Sagamore Lake	27	27	28	29	30	30	31	32	33	27	27	27	28	27	29	27	30	27	31	27	32	27	33	27	34
060329	Queer Lake	17	18	19	20	21	21	22	24	24	17	17	16	18	16	19	16	20	16	21	16	22	16	23	16	23
070790	Big Alderbed Pond	23	24	25	27	28	28	30	31	32	24	24	24	26	24	28	24	29	25	30	25	31	25	33	25	34
040288E	Unnamed P #4-288e	12	13	15	17	18	19	20	21	22	12	14	13	15	13	17	13	18	13	19	13	20	13	21	13	22
040484A	Unnamed P #4-484a	-6.3	-5.8	-5.1	-4.4	-3.9	-3.4	-2.8	-2.1	-1.6	-6.5	-6	-6.7	-5.5	-6.9	-4.9	-7	-4.6	-7.1	-4.3	-7.3	-3.8	-7.5	-3.3	-7.6	-3.4
040775A	Pug Hole Pond	18	19	21	22	23	24	26	27	28	18	19	18	21	18	22	18	23	18	25	18	26	18	28	19	29
060315A	Raquette Lake Reservoir	27	28	29	30	31	32	34	35	36	27	28	27	30	28	32	28	33	28	34	29	36	29	38	29	38
070790A	Blind Mans Vly	19	19	20	21	23	23	24	26	27	20	20	20	21	20	22	20	24	20	24	20	26	20	28	20	29

ANC (µeq/L) in 2200 Corresponding to Percent Reduction of Atmospheric SO4, NO3 and NH4 Loading

Lake_ID	*Lake_Name*	*SO4 = 0; N03+NH4 = 0*	*SO4 = 0.1; N03+NH4 = 0*	*SO4 = 0.25; N03+NH4 = 0*	*SO4 = 0.4; N03+NH4 = 0*	*SO4 = 0.5; N03+NH4 = 0*	*SO4 = 0.6; N03+NH4 = 0*	*SO4 = 0.75; N03+NH4 = 0*	*SO4 = 0.9; N03+NH4 = 0*	*SO4 = 1; N03+NH4 = 0*	*SO4 = 0; N03+NH4 = 0.1*	*SO4 = 0.1; N03+NH4 = 0.1*	*SO4 = 0; N03+NH4 = 0.25*	*SO4 = 0.25; N03+NH4 = 0.25*	*SO4 = 0; N03+NH4 = 0.4*	*SO4 = 0.4; N03+NH4 = 0.4*	*SO4 = 0; N03+NH4 = 0.5*	*SO4 = 0.5; N03+NH4 = 0.5*	*SO4 = 0; N03+NH4 = 0.6*	*SO4 = 0.6; N03+NH4 = 0.6*	*SO4 = 0; N03+NH4 = 0.75*	*SO4 = 0.75; N03+NH4 = 0.75*	*SO4 = 0; N03+NH4 = 0.9*	*SO4 = 0.9; N03+NH4 = 0.9*	*SO4 = 0; N03+NH4 = 1*	*SO4 = 1; N03+NH4 = 1*
020138	East Copperas Pond	-4.9	-3.7	-2	-0.8	0.3	1.1	2.3	3	3.5	-4.9	-3.8	-5.1	-2.7	-5.3	-1.9	-5.5	-1.4	-5.7	-1	-6	-0.1	-5.9	0.7	-6	1.2
020201	St. Germain Pond	0.3	1	2.1	3.1	3.5	4.3	5.1	5.9	6.3	-0	0.7	-0	1.6	-0.1	2.7	-0.1	3	-0.1	3.9	-0.2	4.4	-0.4	5.2	-0.5	5.6
030221	Benz Pond	1.5	2.4	3.7	4.9	5.7	6.2	7.4	8.4	8.9	1.2	2	0.7	2.6	0.2	3.2	-0	3.5	-0.3	3.8	-0.6	4.5	-0.7	5.2	-0.8	5.8
035219	Duck Pond	28	29	31	32	33	34	36	38	39	28	29	28	31	28	32	28	33	28	34	28	36	28	38	28	39
040181	Gregg Lake	28	30	32	35	37	39	41	44	46	28	30	28	32	28	35	28	37	28	39	28	42	29	42	29	44
040184	Green Pond	-2.7	-2	-0.3	0.7	1.9	2.8	4.1	5.3	6	-2.9	-1.9	-2.9	-1	-3.8	0.1	-3.1	0.9	-3.8	1.7	-3.8	3	-3.4	4.3	-3.2	5.2
040195	Muskrat Pond	24	25	27	30	31	33	35	37	39	24	25	24	28	24	30	24	31	24	33	24	35	24	37	24	39
040197	Diana Pond	19	21	23	25	26	28	30	32	33	19	21	19	23	19	25	19	26	19	28	20	30	20	32	20	33
040200	Upper South Pond	23	25	27	28	29	30	32	34	36	23	25	23	26	24	28	24	29	24	31	24	32	24	34	24	36
040201	Unnamed P #4-201	-2.1	-1.4	-0.2	0.9	1.7	2.4	3.1	3.8	4.3	-1.7	-1.5	-2.4	-0.6	-2.7	0.4	-2.8	1.1	-2.9	1.7	-3	2.5	-3	3.1	-3.1	3.6
040203	Unnamed P #4-203	-1.5	-0.8	0.3	1.3	2	2.7	3.3	3.9	4.4	-1.2	-1	-1.9	-0.1	-2.1	0.7	-2.2	1.3	-2.3	1.9	-2.4	2.5	-2.5	3.1	-2.6	3.4
040210	Willys Lake	20	21	24	25	27	28	31	33	34	20	22	20	23	20	26	21	27	20	28	20	30	22	33	20	34
040240	Desert Pond	27	29	30	32	34	35	37	39	40	27	28	26	29	25	30	24	31	24	32	23	33	23	35	23	37
040245	Jakes Pond	26	28	30	33	35	34	36	38	40	26	28	26	30	27	32	27	33	27	34	27	36	27	38	27	40
040246	Buck Pond	28	29	31	32	33	34	35	37	38	28	29	28	30	28	31	28	32	28	33	27	35	27	36	27	37
040247	Hog Pond	31	32	33	35	36	37	39	41	42	30	31	30	33	30	34	30	35	30	37	30	38	30	40	30	41
040289	Crystal Lake	21	22	24	26	27	28	30	32	33	21	22	21	24	21	26	21	27	21	28	21	30	21	31	21	32
040365	Oven Lake	-2.6	-1.7	-0.3	1	1.9	2.7	4.1	4.9	5.4	-2.7	-1.8	-3	-0.7	-3.1	0.5	-3.1	1.3	-3.1	2.1	-3	3.3	-3	4.3	-3	5.2
040368	Hitchens Pond	23	25	28	29	31	33	35	37	39	23	25	22	27	23	29	23	31	23	32	23	35	23	37	23	39
040436	Sand Pond	26	27	29	31	33	34	36	38	40	25	27	25	29	25	31	25	32	25	34	25	36	25	38	26	39
040438	Ike's Pond	-2.3	-1.1	-0.6	0.6	1.4	2.1	3.2	3.9	4.3	-2.4	-2	-2.7	-1	-3.2	-0.1	-2.7	0.6	-3.1	1.2	-2.9	2.2	-3.8	2.9	-3.9	3.3
040443	Pepperbox Pond	22	24	26	28	29	31	33	34	36	22	24	22	26	22	28	23	29	23	31	23	33	23	35	23	36
040444	Lower Spring Pond	30	32	34	36	38	39	42	44	45	30	32	30	34	30	36	30	38	30	39	30	41	30	41	30	44
040446	Tied Lake	31	32	34	36	37	38	40	41	43	31	32	31	34	31	35	31	36	31	38	31	39	31	41	31	42
040457	Unnamed	29	31	33	35	36	37	39	41	42	29	31	30	33	30	35	30	36	30	37	30	39	30	41	30	43
040459	Bear Pond	-3.1	-2.8	-1.3	0	0.9	1.8	3.1	3.9	4.5	-3.4	-3	-3.2	-1.8	-4.2	-0.6	-3.4	0.2	-4.5	1	-4.6	2.3	-4.7	3.3	-4.8	3.8
040473	Sunday Lake	32	33	35	37	38	40	42	44	45	32	33	32	36	33	38	33	39	33	41	33	43	33	45	34	47
040485	Deer Pond	-2.3	-1.4	-0.1	1.2	2.4	3.2	4.5	5.6	6.1	-2.6	-1.7	-3.1	-0.9	-3.3	0.5	-3.3	1.3	-3.3	2.1	-3.1	3.4	-3.1	4.2	-3.1	5.1
040491	Upper Moshier Pond	24	25	28	30	32	34	36	38	40	24	26	24	28	24	31	24	32	24	34	24	36	25	39	25	41
040494	Shallow Pond	-3.1	-2.1	-0.4	1	1.9	2.8	3.9	4.8	5.4	-3.3	-2	-3.2	-0.9	-3.4	0	-3.4	0.9	-3.4	1.7	-3.4	3.1	-3.4	4.4	-3.6	4.7
040496	Raven Lake	24	25	28	30	32	34	37	37	38	24	26	24	28	24	31	24	32	24	34	24	35	25	37	25	38
040497	Unnamed P #4-497	-2.1	-1.5	-0.2	1.1	2	2.8	3.8	4.7	5.2	-2.8	-1.6	-2.7	-0.5	-2.9	0.6	-2.8	1.2	-2.8	2	-2.8	3.3	-2.7	4.6	-2.7	5.2
040498	Lyon Lake	20	22	24	25	27	28	30	31	33	20	22	20	24	20	25	20	27	20	28	21	29	21	31	21	33

ANC (µeq/L) in 2200 Corresponding to Percent Reduction of Atmospheric SO4, NO3 and NH4 Loading

Lake_ID	*Lake_Name*	*SO4 = 0; N03+NH4 = 0*	*SO4 = 0.1; N03+NH4 = 0*	*SO4 = 0.25; N03+NH4 = 0*	*SO4 = 0.4; N03+NH4 = 0*	*SO4 = 0.5; N03+NH4 = 0*	*SO4 = 0.6; N03+NH4 = 0*	*SO4 = 0.75; N03+NH4 = 0*	*SO4 = 0.9; N03+NH4 = 0*	*SO4 = 1; N03+NH4 = 0*	*SO4 = 0; N03+NH4 = 0.1*	*SO4 = 0.1; N03+NH4 = 0.1*	*SO4 = 0; N03+NH4 = 0.25*	*SO4 = 0.25; N03+NH4 = 0.25*	*SO4 = 0; N03+NH4 = 0.4*	*SO4 = 0.4; N03+NH4 = 0.4*	*SO4 = 0; N03+NH4 = 0.5*	*SO4 = 0.5; N03+NH4 = 0.5*	*SO4 = 0; N03+NH4 = 0.6*	*SO4 = 0.6; N03+NH4 = 0.6*	*SO4 = 0; N03+NH4 = 0.75*	*SO4 = 0.75; N03+NH4 = 0.75*	*SO4 = 0; N03+NH4 = 0.9*	*SO4 = 0.9; N03+NH4 = 0.9*	*SO4 = 0; N03+NH4 = 1*	*SO4 = 1; N03+NH4 = 1*
040499	Slim Pond	28	29	31	32	33	34	36	37	39	28	29	28	30	28	32	28	33	28	34	28	35	28	37	28	38
040500	Evergreen Lake	20	21	22	24	25	26	28	30	31	20	22	20	22	19	24	19	25	19	26	19	28	19	29	19	30
040502	Peaked Mtn. Lake	-1.9	-1	0.3	1.5	2.3	3.1	4	5.2	5.7	-2.2	-1.3	-2.7	-0.6	-2.8	0.3	-2.9	1	-2.9	1.7	-2.9	2.7	-2.9	3.8	-3.1	4.4
040505	Hidden Lake	27	28	30	31	32	33	35	36	37	27	28	27	30	27	31	27	32	27	33	27	35	27	36	27	37
040508	Ginger Pond	28	30	32	35	36	38	40	42	44	28	30	28	32	28	34	28	36	28	37	28	40	28	42	29	43
040510	Unnamed P #4-510	-2.6	-2.3	-0.7	0.8	1.8	2.8	4.2	5.5	6.4	-3.6	-2.5	-3.9	-1.3	-4.1	-0.1	-4.2	0.7	-4.3	1.9	-4.3	3.1	-4.2	4.9	-4.2	5.1
040511	Soda Pond	20	22	22	24	25	26	28	29	30	20	22	20	22	19	24	19	25	19	26	19	27	19	29	20	30
040513	Unnamed P #4-513	21	23	25	27	28	30	32	34	35	21	23	21	25	22	27	22	28	22	30	22	32	22	34	22	35
040522	Higby Twins E. Pond	20	22	26	29	29	31	34	36	38	21	23	22	27	22	28	23	30	22	32	24	35	22	38	22	40
040523	Higby Twins W. Pond	25	27	29	31	33	34	37	39	41	26	27	27	29	25	32	25	33	25	35	25	38	26	40	26	42
040527	Summit Pond	-1.6	-0.8	0.3	1.4	2.1	2.8	3.6	4.6	4.8	-1.8	-1	-1.9	-0.1	-2.1	0.8	-2.2	1.4	-2.3	2	-2.4	3	-2.5	3.7	-2.5	4.1
040530	Beaverdam Pond	28	30	32	35	37	38	41	43	45	28	30	28	32	28	35	28	36	28	38	28	40	28	43	28	44
040534	Little Rock Pond	-1.1	-0.3	0.8	1.9	2.6	3.3	4.3	5.7	5.9	-1.3	-0.5	-1.6	0.2	-1.8	1	-2	1.5	-2	2.1	-2.1	3	-2.1	3.9	-2.1	4.5
040547	Lilypad Pond	33	34	36	38	39	41	43	44	46	33	34	32	36	32	37	32	38	32	39	31	41	31	42	31	44
040548	Mud Pond	34	35	37	39	40	41	43	45	47	34	35	33	36	33	38	33	39	32	40	32	42	32	44	32	45
040549	Little Salmon Lake	34	35	37	39	40	41	43	45	46	34	35	34	37	34	38	34	39	34	40	34	42	33	44	33	45
040550	Frank Pond	-1.4	-0.5	0.9	2.2	3	3.8	5	6.2	6.8	-1.6	-0.7	-1.9	0.2	-2.2	1.1	-2.4	1.8	-2.6	2.6	-2.7	3.3	-2.7	4.4	-2.7	5.2
040551	Hardigan Pond	30	32	34	37	36	37	39	41	42	30	32	30	32	30	34	31	36	31	37	31	39	31	41	31	42
040570	Terror Lake	23	25	28	31	32	34	37	40	40	23	25	24	28	24	32	24	34	24	34	25	36	25	39	25	40
040571	East Pond	-1.3	-0.8	0.5	1.8	2.6	3.4	4.9	6.1	6.6	-1.9	-1	-2.2	-0.1	-2.4	1.2	-2.5	1.9	-2.6	2.6	-2.6	3.7	-2.6	4.7	-2.4	5.3
040581	Pocket Pond	-2.6	-2.2	-0.8	0.6	1.6	2.5	3.9	5.4	6.1	-2.6	-2.5	-3.7	-1.2	-3.8	0	-3.9	1	-4	1.8	-4	3.2	-3.9	4.5	-3.9	5.3
040582	South Pond	21	23	26	29	31	33	34	36	38	21	23	22	27	22	28	22	30	22	31	22	34	23	36	23	38
040608	Evies Pond	26	28	29	31	33	34	36	38	39	26	27	25	28	24	29	24	30	23	31	23	33	22	35	22	36
040610	Long Lake	24	25	27	28	29	30	32	33	34	24	25	23	26	23	27	23	27	22	28	22	29	22	31	22	32
040615	Fish Pond	98	100	103	106	108	109	112	115	117	98	100	99	104	99	107	100	109	100	112	101	115	101	118	102	120
040630	Bill's Pond	28	29	32	34	35	37	39	41	43	28	29	28	31	28	34	28	35	28	36	28	39	28	39	28	41
040632	Panther Pond	24	26	29	32	34	34	37	39	40	24	26	24	29	24	30	24	32	24	33	24	36	24	38	25	40
040638	Unnamed P #4-638	-3.5	-2.5	-1.1	0.3	0.9	1.8	3.1	3.8	4.3	-3.2	-2.7	-4	-1.6	-4	-0.6	-4.1	0.1	-4.2	0.9	-4.6	2	-4.7	2.9	-4.7	3.4
040646	Unnamed P #4-646	24	25	28	30	31	33	35	38	39	24	26	24	28	24	30	24	32	24	33	24	36	25	36	25	38
040651	Little Diamond Pond	23	24	26	29	30	30	32	33	35	23	24	23	27	23	27	23	29	23	30	23	32	22	34	23	35
040679	Unnamed P #4-679	-1.8	-1.8	0.1	1	1.9	2.7	3.4	4.1	4.6	-2.8	-1.4	-2.4	-0.6	-2.7	0.5	-3.2	1	-2.7	1.7	-2.9	2.9	-3.5	3.5	-2.9	4
040681	Black Foot Pond	23	24	28	29	31	32	34	37	38	23	25	23	27	23	29	24	31	23	32	24	34	24	36	24	38
040702	Lost Pond	23	25	28	31	32	34	37	40	41	23	25	23	28	23	31	23	32	23	34	23	35	24	37	24	39

ANC (µeq/L) in 2200 Corresponding to Percent Reduction of Atmospheric SO4, NO3 and NH4 Loading

Lake_ID	*Lake_Name*	*SO4 = 0; N03+NH4 = 0*	*SO4 = 0.1; N03+NH4 = 0*	*SO4 = 0.25; N03+NH4 = 0*	*SO4 = 0.4; N03+NH4 = 0*	*SO4 = 0.5; N03+NH4 = 0*	*SO4 = 0.6; N03+NH4 = 0*	*SO4 = 0.75; N03+NH4 = 0*	*SO4 = 0.9; N03+NH4 = 0*	*SO4 = 1; N03+NH4 = 0*	*SO4 = 0; N03+NH4 = 0.1*	*SO4 = 0.1; N03+NH4 = 0.1*	*SO4 = 0; N03+NH4 = 0.25*	*SO4 = 0.25; N03+NH4 = 0.25*	*SO4 = 0; N03+NH4 = 0.4*	*SO4 = 0.4; N03+NH4 = 0.4*	*SO4 = 0; N03+NH4 = 0.5*	*SO4 = 0.5; N03+NH4 = 0.5*	*SO4 = 0; N03+NH4 = 0.6*	*SO4 = 0.6; N03+NH4 = 0.6*	*SO4 = 0; N03+NH4 = 0.75*	*SO4 = 0.75; N03+NH4 = 0.75*	*SO4 = 0; N03+NH4 = 0.9*	*SO4 = 0.9; N03+NH4 = 0.9*	*SO4 = 0; N03+NH4 = 1*	*SO4 = 1; N03+NH4 = 1*
040704	Middle Settlement Pond	23	24	27	29	29	30	32	33	34	23	24	23	26	23	29	23	29	23	30	23	32	23	34	23	35
040705	Cedar Pond	29	30	32	34	35	36	38	40	41	28	30	28	31	28	33	27	34	27	35	27	37	27	39	27	40
040706	Grass Pond	39	40	43	46	47	49	52	54	55	39	41	39	44	40	47	40	49	40	51	40	54	41	56	41	58
040707	Middle Branch Pond	68	70	72	75	76	78	80	83	84	68	70	68	72	68	75	68	76	68	78	68	80	68	83	68	83
040708	Little Pine Pond	27	28	30	32	33	34	36	38	39	26	27	26	29	25	30	25	31	25	32	24	34	24	36	24	37
040748	Bubb Lake	30	31	32	34	35	36	38	40	41	29	30	29	32	29	33	28	34	28	35	28	37	28	39	28	40
040753	West Pond	14	15	17	19	21	22	24	26	27	14	15	14	17	13	19	13	20	13	21	13	23	13	25	13	27
040754	Squash Pond	-6	-4.9	-3.3	-1.8	-0.8	-0.7	1	2.1	2.6	-6	-4.9	-6	-3.3	-5.8	-1.8	-5.8	-0.8	-5.7	-0.4	-5.5	0.6	-5.4	2.1	-5.3	3.4
040757	Little Chief Pond	-0.8	0.4	1.8	3.1	3.9	4.8	6	7.3	7.7	-1	-0.1	-1.3	1	-1.5	2	-1.5	2.7	-1.6	3.5	-1.6	4.7	-1.7	5.8	-1.7	6.1
040758	Gull Lake South	-1.2	-0.5	0.6	1.6	2.3	3.3	4	4.6	5.1	-1.4	-0.6	-1.5	0.3	-1.7	1.4	-1.8	2	-1.9	2.6	-1.8	3.4	-1.9	3.9	-2	4.3
040759	Unnamed P #4-759	-1.5	-0.7	0.5	1.6	2.3	3.1	4.2	5	5.4	-1.7	-0.9	-1.9	0.1	-2.1	0.9	-2.1	1.7	-2.1	2.4	-2.2	3.4	-2.3	4.4	-2.3	4.7
040760	Otter Pond	32	33	35	37	38	39	41	43	44	32	33	32	35	32	37	32	38	32	39	32	41	32	43	32	44
040762	North Gull Lake	29	31	33	35	37	36	38	40	41	29	31	29	33	29	34	30	35	30	36	30	38	29	40	30	42
040768	Lower Sister Lake	29	30	33	36	38	40	43	43	45	29	31	29	34	29	37	29	38	29	38	29	41	30	43	30	45
040777	Constable Pond	4.6	5.7	7.1	8.7	9.8	11	13	15	16	4.8	5.8	4.9	7.4	5	9.1	5.1	10	5.1	11	5.2	14	5.2	16	5.3	17
040778	Chub Pond	29	30	33	36	37	38	39	42	43	29	31	29	34	29	34	29	36	29	37	29	39	30	42	30	43
040779	Pigeon Lake	-1	-0.3	0.9	2.3	3	3.7	4.9	5.4	6.1	-1.4	-0.6	-1.6	0.6	-1.7	1.5	-1.8	2.2	-1.6	2.9	-1.6	3.5	-1.7	4.5	-1.7	5
040788	Eagles Nest Lake	68	71	71	73	71	75	79	77	80	70	71	70	71	67	74	67	77	71	74	70	78	68	78	72	80
040826	Limekiln Lake	27	28	29	31	32	33	34	35	36	27	28	27	29	27	31	27	31	27	32	27	34	27	35	27	36
040836	Stink Lake	29	30	32	33	34	36	37	39	40	29	30	29	31	28	33	28	34	28	35	28	37	28	39	28	40
040837	Balsam Lake	30	32	33	35	36	37	39	41	42	30	32	30	33	30	35	30	36	31	37	31	39	31	39	31	40
040841	Kettle Pond (also, Unnamed P #4-841)	-2.5	-1.5	0.3	1.7	2.2	3	4.3	5.5	6.2	-2.1	-1.4	-3	-0.7	-3.2	0.2	-3	0.9	-3.1	1.6	-3.1	2.7	-3.6	3.9	-3.6	4.8
040852	Indian Lake	-2.1	-2	0.4	1.2	1.8	2.1	2.9	3.3	3.8	-2.1	-0.8	-2.7	-0.8	-2.7	0.3	-2.7	1	-2.7	1.8	-1.9	2.8	-1.5	3.6	-2	4.2
040854	Horn Pond	21	21	23	23	24	24	25	27	27	20	21	20	23	20	22	20	23	20	24	20	25	20	26	20	27
040863	Unnamed P #4-863	-2.8	-1.5	-0.2	0.9	1.3	2.2	2.6	3.3	3.7	-2.8	-1.7	-2.9	-1	-3.1	0.6	-3	1.2	-2.3	1.3	-2.6	2.3	-2.5	3.4	-2.9	3.9
040866	Deep Lake	18	19	21	23	24	26	27	29	30	18	20	18	21	18	23	19	25	19	26	19	28	18	30	19	31
040869	Twin Lake West	20	22	25	27	29	30	33	35	37	21	23	22	26	22	29	23	31	23	33	23	35	23	38	24	40
040870	Twin Lake East	20	21	24	26	28	29	32	34	36	20	22	21	24	21	27	21	29	21	31	21	33	22	36	22	37
040873	Wolf Lake	-2.1	-1.6	-1	0.2	0.8	1.7	2.7	3.4	3.9	-2.1	-1.5	-2	-0.1	-2	0.2	-1.7	1.1	-2.1	1.9	-2	3.2	-1.4	4.7	-1.8	5.2
040874	Brooktrout Lake	6.6	7.9	8.1	9.8	9.5	10	12	12	12	7.2	7.8	7.2	8.7	6.4	8.8	6.4	10	6.4	11	7	11	6.9	11	6.9	11
040875	Northrup Lake	28	29	32	33	34	35	37	39	40	28	31	30	32	29	33	29	34	28	36	29	37	28	39	30	40
040880	Bear Pond	28	29	32	34	35	37	40	39	41	28	29	28	32	28	34	28	36	28	38	29	38	29	40	29	41
040885	Falls Pond	20	21	23	24	26	27	29	31	31	20	21	20	23	20	25	21	26	20	27	20	29	20	31	21	32

ANC (µeq/L) in 2200 Corresponding to Percent Reduction of Atmospheric SO4, NO3 and NH4 Loading

Lake_ID	*Lake_Name*	*SO4 = 0; N03+NH4 = 0*	*SO4 = 0.1; N03+NH4 = 0*	*SO4 = 0.25; N03+NH4 = 0*	*SO4 = 0.4; N03+NH4 = 0*	*SO4 = 0.5; N03+NH4 = 0*	*SO4 = 0.6; N03+NH4 = 0*	*SO4 = 0.75; N03+NH4 = 0*	*SO4 = 0.9; N03+NH4 = 0*	*SO4 = 1; N03+NH4 = 0*	*SO4 = 0; N03+NH4 = 0.1*	*SO4 = 0.1; N03+NH4 = 0.1*	*SO4 = 0; N03+NH4 = 0.25*	*SO4 = 0.25; N03+NH4 = 0.25*	*SO4 = 0; N03+NH4 = 0.4*	*SO4 = 0.4; N03+NH4 = 0.4*	*SO4 = 0; N03+NH4 = 0.5*	*SO4 = 0.5; N03+NH4 = 0.5*	*SO4 = 0; N03+NH4 = 0.6*	*SO4 = 0.6; N03+NH4 = 0.6*	*SO4 = 0; N03+NH4 = 0.75*	*SO4 = 0.75; N03+NH4 = 0.75*	*SO4 = 0; N03+NH4 = 0.9*	*SO4 = 0.9; N03+NH4 = 0.9*	*SO4 = 0; N03+NH4 = 1*	*SO4 = 1; N03+NH4 = 1*
040888	Sly Pond	-3.1	-2.2	-1.2	0.2	1.3	1.1	2.5	3.5	4	-3.2	-2.3	-3.1	-1.6	-3	0.6	-3	0.6	-2.9	1.4	-2.8	2.7	-2.7	3.9	-2.7	4.7
040889	Cellar Pond	-4.1	-3.1	-1.6	-0.1	2	2.7	3.1	4.5	5.5	-4	-2.9	-3.8	-0.1	-3.6	1.5	-3.5	2.1	-3.3	2.4	-3.2	3.9	-3	5.5	-2.9	6.6
040951	Little Woodhull Lake	26	27	29	32	33	34	36	38	40	26	27	26	29	26	31	26	33	26	34	26	36	26	38	26	39
040952	Lily Lake	30	31	33	35	36	37	39	41	43	29	31	29	33	29	34	29	36	29	37	29	39	30	41	30	41
040984	Bloodsucker Pond	17	18	19	21	22	23	24	25	26	17	18	17	19	17	21	17	22	17	23	18	24	17	25	17	26
040995	Burp Lake	18	19	22	23	25	26	28	30	32	18	20	18	22	18	24	19	25	19	27	19	28	19	30	19	31
041003	Little Salmon Lk.	29	28	29	31	31	32	34	35	36	29	28	27	29	27	30	27	31	27	32	27	34	27	35	27	36
041007	North Lake	28	29	32	34	36	37	39	42	43	30	30	29	32	29	35	29	37	29	38	30	41	30	43	30	44
041011	Snyder Lake	-5.2	-3.5	-1.8	0.1	0.9	1.7	3.4	4.9	4.8	-4.6	-3.4	-4.4	-1.6	-4.2	-0.6	-4.1	1.2	-4	2.1	-3.8	3.1	-3.6	4.7	-3.5	5.8
045178	Unnamed	-3.5	-2.4	-1.7	-0.4	0.5	1.4	2.7	3.5	4	-3.3	-3	-4.1	-1.7	-3.4	-0.3	-4	0.6	-2.8	1.5	-3.8	2.8	-3.7	4.1	-3.6	4.8
045228	Upper Lennon Pond	17	19	21	24	25	26	29	31	32	18	19	18	21	18	24	18	25	18	26	18	29	18	32	18	31
050215	Willis Lake	71	73	76	80	82	84	88	91	93	71	73	72	77	73	82	73	84	74	87	74	91	75	95	76	97
050259	Jockeybush Lake	26	27	29	31	33	34	36	38	39	26	28	26	30	26	32	26	33	27	34	27	36	27	38	27	40
050458	Clear Pond	101	103	105	107	108	110	112	114	115	102	103	102	105	102	108	103	109	103	111	103	113	103	115	103	116
050582	Bullhead Pond	119	121	124	126	128	130	132	135	136	120	122	120	125	121	127	121	129	122	131	122	134	123	137	123	139
050584	Cranberry Pond	36	38	40	43	41	42	44	46	47	36	38	36	41	36	40	36	41	37	42	37	44	37	46	37	47
050586	Rock Pond	19	21	24	26	27	29	31	33	34	20	22	20	24	21	26	21	27	20	29	20	31	20	33	20	34
050587	Stonystep Pond	30	31	33	36	37	39	41	43	45	30	31	30	34	30	36	30	38	30	39	30	42	30	44	30	45
050589	Puffer Pond	32	33	34	34	35	36	37	39	40	32	33	32	35	32	34	32	35	32	36	32	37	32	39	32	40
050593	Center Pond	112	114	116	118	120	122	124	126	128	112	114	113	117	114	120	114	122	114	124	115	126	115	129	116	131
050594	Clear Pond	90	91	92	94	95	97	98	100	101	90	91	90	93	91	95	91	97	91	98	91	100	92	102	92	103
050607	Little Moose Pond	28	29	31	32	34	35	37	38	40	28	29	28	31	28	33	29	34	29	36	29	37	29	39	29	41
050608	Otter Pond	27	26	28	29	30	31	33	34	35	25	26	25	28	25	29	25	30	25	31	25	33	25	34	25	35
050656	Green Pond	83	84	86	88	84	91	88	92	96	83	84	83	86	84	89	84	90	84	89	84	94	85	97	85	93
050658	Unknown Pond	118	120	122	125	126	128	131	134	135	118	120	119	123	120	126	120	128	120	130	121	134	121	130	121	139
050665	Dishrag Pond	-2.9	-1.1	0.2	1.4	2.3	3.5	3.4	4.7	6.5	-1.8	-0.9	-1.6	0.6	-1.3	2.2	-1.1	2.2	-0.9	3.2	-0.7	5.5	-0.4	6.3	-0.3	7.3
050666	Wakely Pond	55	56	58	59	61	62	64	65	67	55	56	55	58	56	60	56	61	56	63	56	65	56	66	56	68
050669	Carry Pond	5.9	7.6	7.9	9.1	9.9	11	12	13	14	6.6	6.7	6.4	7.7	6.6	8.8	7	9.6	6.4	10	5.8	11	7	12	5.8	13
050684	Arbutus Lake	71	73	76	79	80	82	85	87	89	72	74	72	77	73	80	73	82	74	85	75	88	76	91	76	93
050687	Round Pond	115	117	119	122	124	126	126	128	134	115	117	116	120	116	124	117	126	117	128	118	124	118	132	119	129
060129	Rock Pond, P-129	34	35	37	38	40	41	43	44	46	33	35	33	36	33	38	33	39	33	40	32	41	32	43	32	45
060147	High Pond	3.1	3.6	4.4	5.1	5.6	5.8	6.7	7.2	7.3	3	3.5	2.7	3.9	2.7	4.6	2.7	5.1	2.7	5.3	2.7	6.1	2.6	6.5	2.6	6.8
060148	Little Pine Pond	3.1	3.8	4.8	5.8	6.7	7.4	8.4	8.8	9	3	3.7	2.8	4.5	2.6	5.4	2.5	5.8	2.4	6.3	2.4	7	2.2	7.7	2.2	8

ANC (µeq/L) in 2200 Corresponding to Percent Reduction of Atmospheric SO4, NO3 and NH4 Loading

Lake_ID	*Lake_Name*	*SO4 = 0; N03+NH4 = 0*	*SO4 = 0.1; N03+NH4 = 0*	*SO4 = 0.25; N03+NH4 = 0*	*SO4 = 0.4; N03+NH4 = 0*	*SO4 = 0.5; N03+NH4 = 0*	*SO4 = 0.6; N03+NH4 = 0*	*SO4 = 0.75; N03+NH4 = 0*	*SO4 = 0.9; N03+NH4 = 0*	*SO4 = 1; N03+NH4 = 0*	*SO4 = 0; N03+NH4 = 0.1*	*SO4 = 0.1; N03+NH4 = 0.1*	*SO4 = 0; N03+NH4 = 0.25*	*SO4 = 0.25; N03+NH4 = 0.25*	*SO4 = 0; N03+NH4 = 0.4*	*SO4 = 0.4; N03+NH4 = 0.4*	*SO4 = 0; N03+NH4 = 0.5*	*SO4 = 0.5; N03+NH4 = 0.5*	*SO4 = 0; N03+NH4 = 0.6*	*SO4 = 0.6; N03+NH4 = 0.6*	*SO4 = 0; N03+NH4 = 0.75*	*SO4 = 0.75; N03+NH4 = 0.75*	*SO4 = 0; N03+NH4 = 0.9*	*SO4 = 0.9; N03+NH4 = 0.9*	*SO4 = 0; N03+NH4 = 1*	*SO4 = 1; N03+NH4 = 1*
060170	Halfmoon Pond	24	26	29	31	33	35	38	40	42	24	26	25	29	25	32	25	34	25	35	25	38	25	40	25	42
060313	Sagamore Lake	31	32	34	36	37	38	40	42	44	31	33	32	35	32	37	32	38	32	40	32	42	32	44	33	45
060329	Queer Lake	26	27	28	30	31	33	35	36	38	26	26	25	28	24	30	24	31	24	32	24	34	24	36	24	37
070790	Big Alderbed Pond	28	29	31	34	35	37	39	42	43	28	29	28	32	29	35	29	37	29	39	30	42	30	44	31	46
040288E	Unnamed P #4-288e	25	27	29	32	33	35	37	39	41	26	27	26	29	26	32	26	33	26	35	26	37	26	39	26	40
040484A	Unnamed P #4-484a	-2.3	-1.4	-0.2	1.1	1.9	2.7	3.8	4.5	5	-2.4	-1.6	-2.6	-0.5	-2.8	0.5	-2.8	1.3	-2.9	2	-3.1	3.1	-3.1	3.9	-3.2	3.8
040775A	Pug Hole Pond	25	26	29	32	33	35	37	40	42	25	27	25	29	26	32	26	34	26	36	26	39	26	41	26	43
060315A	Raquette Lake Reservoir	31	33	35	38	40	41	44	47	48	32	33	33	37	33	40	34	42	34	44	34	47	35	50	35	51
070790A	Blind Mans Vly	26	27	29	31	33	35	37	38	40	26	28	27	30	26	32	27	34	27	37	27	38	27	40	28	42