

SUMMARY STATISTICS
SURFACE WATERS

LAKE WATER GEOCHEMICAL DATA
BANCROFT, ON AREA
(PARTS OF NTS 031C, D, E AND F)

* ORIGINAL DATA *

	Lake Depth meters	Water Temp °C Martek V Surface	Conductivity mho/cm Martek V Surface	Diss. Oxygen PPM Martek V Surface	Water pH Radiometer TTT81 Surface	U_w 0.02 PPB LIF	Ca_w 0.2 PPM AAS	Fe_w 20 PPB AAS	K_w 0.2 PPM AAS	Mg_w 0.2 PPM AAS	Mn_w 10 PPB AAS	Na_w 0.2 PPM AAS	Zn_w 5.0 PPB AAS	Br_w 0.2 PPM IC	Cl_w 0.05 PPM IC	NO3_w 0.2 PPM IC	PO4_w 0.2 PPM IC	SO4_w 0.2 PPM IC	CaCO3_w 0.2 PPM Titration	F_w 40 PPB ISE	C-org_w 0.2 PPM Barnstead
Total Sites	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362
Total Sites with Surface Water Data	361	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350
Missing Values	1	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Total Sites Below Det. Lim.	NA	NA	NA	NA	NA	134	0	303	17	0	344	0	315	350	0	1	350	0	0	10	2
Unique Values	74	13	167	9	39	49	232	37	27	67	10	56	10	4	180	28	4	109	284	61	93
Mean	13.3	18	100	9	7.1	0.13	18.1	<20	0.8	2.3	<10	1.7	<5.0	<0.2	2.12	0.5	<0.2	8.6	42.3	68	5.3
Median	9.1	17	72	9	7.2	0.02	13.1	<20	0.7	1.6	<10	0.9	<5.0	<0.2	0.59	0.2	<0.2	7.8	28.2	58	5.2
Geometric Mean	8.7	17	71	9	7.0	0.04	12.2	<20	0.6	1.7	<10	1.1	<5.0	<0.2	0.87	0.4	<0.2	7.3	22.7	61	4.7
Variance	751.0	13	7898	1	0.5	0.33	211.1	1556	0.2	12.2	567	10.3	2.4	0.0	32.79	0.4	0.0	146.8	1523.0	2079	4.7
Standard Deviation	27.4	4	89	1	0.7	0.58	14.5	39	0.5	3.5	24	3.2	1.5	0.0	5.73	0.6	0.0	12.1	39.0	46	2.2
Kurtosis	142.6	243	29	3	0.0	177.36	-0.6	46	8.8	214.5	337	146.7	70.2	351.0	128.77	31.8	351.0	163.4	-0.1	46	0.7
Skewness	11.4	14	3	-1	-0.7	12.44	0.8	6	2.1	13.1	18	10.5	7.0	18.7	9.80	4.4	18.7	12.4	0.9	6	0.5
Coefficient of Variation	206.0	20	89	8	10.2	433.59	80.3	206	62.4	152.6	360	192.6	53.3	5.3	270.71	112.8	5.3	140.3	92.3	67	41.0
Robust Coefficient Of Variation	81.5	10	134	8	10.3	370.65	140.3	0	53.0	97.3	0	74.1	0.0	0.0	131.93	185.3	0.0	29.5	161.1	29	41.3
Minimum	0.9	14	13	5	4.9	<0.02	0.2	<20	<0.2	0.2	<10	0.2	<5	<0.2	0.05	<0.2	<0.2	0.2	0.2	<40	<0.2
1 percentile	1.2	15	14	6	5.1	<0.02	1.8	<20	<0.2	0.4	<10	0.4	<5	<0.2	0.11	0.2	<0.2	1.2	1.0	<40	0.5
2 percentile	1.5	15	15	7	5.3	<0.02	2.1	<20	<0.2	0.4	<10	0.5	<5	<0.2	0.18	0.2	<0.2	2.3	1.0	<40	1.3
5 percentile	1.8	15	20	7	5.7	<0.02	2.6	<20	0.2	0.5	<10	0.5	<5	<0.2	0.26	0.2	<0.2	3.5	1.6	40	2.1
10 percentile	3.0	16	23	8	6.1	<0.02	3.1	<20	0.3	0.7	<10	0.5	<5	<0.2	0.30	0.2	<0.2	4.2	3.1	42	2.6
20 percentile	4.6	16	28	8	6.5	<0.02	4.3	<20	0.4	0.8	<10	0.6	<5	<0.2	0.37	0.2	<0.2	5.6	6.6	48	3.2
25 percentile	5.2	16	33	8	6.6	<0.02	5.9	<20	0.5	0.9	<10	0.6	<5	<0.2	0.42	0.2	<0.2	6.1	9.7	50	3.7
30 percentile	6.1	17	38	8	6.8	<0.02	6.5	<20	0.5	1.0	<10	0.7	<5	<0.2	0.46	0.2	<0.2	6.6	12.2	50	4.1
40 percentile	7.6	17	54	9	7.0	0.02	9.0	<20	0.6	1.3	<10	0.8	<5	<0.2	0.52	0.2	<0.2	7.3	20.7	54	4.6
50 percentile	9.1	17	72	9	7.2	0.02	13.1	<20	0.7	1.6	<10	0.9	<5	<0.2	0.59	0.2	<0.2	7.8	28.2	58	5.2
60 percentile	10.7	18	99	9	7.4	0.05	17.9	<20	0.8	2.0	<10	1.0	<5	<0.2	0.77	0.4	<0.2	8.3	41.6	62	5.8
70 percentile	13.1	18	135	9	7.6	0.08	25.8	<20	0.9	2.7	<10	1.3	<5	<0.2	1.10	0.6	<0.2	8.8	56.2	67	6.3
75 percentile	15.2	18	163	9	7.6	0.11	30.7	<20	1.0	3.0	<10	1.5	<5	<0.2	1.47	0.7	<0.2	9.2	71.0	73	6.6
80 percentile	16.0	19	179	9	7.7	0.13	33.9	<20	1.0	3.3	<10	1.8	<5	<0.2	2.40	0.8	<0.2	9.6	77.9	76	6.9
90 percentile	22.9	19	200	9	7.9	0.26	39.4	26	1.3	4.3	<10	3.0	5.0	<0.2	4.66	1.2	<0.2	10.8	103.9	94	8.1
95 percentile	31.2	19	237	9	8.1	0.37	46.1	47	1.6	5.4	<10	5.1	6.0	<0.2	9.00	1.5	<0.2	11.9	123.8	117	9.1
98 percentile	43.8	20	285	10	8.2	0.72	49.4	163	2.1	6.9	10	9.1	7.0	<0.2	15.79	2.1	<0.2	14.4	133.7	227	10.0
99 percentile	47.8	20	337	10	8.3	2.26	51.0	253	2.5	9.5	28	12.1	10.0	<0.2	23.37	2.9	<0.2	28.1	144.8	313	11.0
Maximum	48.8	26	999	10	8.7	9.10	64.6	396	4.1	60.0	447	49.8	22.0	0.2	85.00	6.4	0.2	183.1	163.8	530	14.3