

DES LAKE ASSESSMENT PROGRAM SUMMER EPILIMNION AND UPPER LAYER BIOLOGICAL AND CHEMICAL CHARACTERISTICS (page 1 of 2)

Volume and Maximum Depth Category	Statistical Parameter	Maximum Depth (m)	Volume (m3)	Secchi (m)	Chl-a (mg/m3)	Total Phos. (ug/L)	pH (units)	Alkalinity (mg/L)	Conductivity (uMhos/cm)
GROUP 1 Volume = 1 - < 100,000 m3 Maximum Depth = 0 - <10 m	MIN	0.50	3000.00	0.40	0.55	1.000	4.50	-1.90	13.80
	MAX	9.80	99000.00	9.80	58.57	78.000	9.20	85.90	818.00
	MEAN	3.11	52683.54	2.16	8.23	18.888	6.36	8.35	67.57
	MEDIAN	2.50	53000.00	1.80	5.41	16.000	6.40	4.40	33.90
	COUNT	161.00	161.00	159.00	157.00	160.000	161.00	161.00	159.00
GROUP 2 Volume = 100,000 - < 5,000,000 m3 Maximum Depth = 0 - <10 m	MIN	1.20	100000.00	0.40	0.36	0.500	4.30	-3.00	14.80
	MAX	9.70	4696000.00	8.10	143.80	121.000	9.30	62.30	696.00
	MEAN	4.77	678122.80	2.93	8.23	15.000	6.53	6.43	67.58
	MEDIAN	4.45	341500.00	2.70	5.37	13.000	6.60	4.50	42.15
	COUNT	274.00	421.00	418.00	418.00	418.000	418.00	418.00	410.00
GROUP 3 Volume = 5,000,000 < 50,000,000 m3 Maximum Depth = 0 - <10 m	MIN	4.9	5042000.0	2.7	1.8	7.000	6.1	1.5	27.3
	MAX	9.7	43191500.0	8.0	6.0	18.000	6.9	15.6	77.7
	MEAN	8.0	11997600.0	3.7	4.3	11.250	6.6	5.3	47.6
	MEDIAN	7.8	8290750.0	3.3	4.5	10.000	6.8	5.0	43.3
	COUNT	10.0	10.0	10.0	10.0	8.000	10.0	10.0	10.0
GROUP 4 Volume = 1 - < 100,000 m3 Maximum Depth = 10 - <25 m	MIN	10.30	86000.00	5.0	5.81	10.000	5.90	0.50	18.00
	MAX	10.30	86000.00	5.0	5.81	10.000	5.90	0.50	18.00
	MEAN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	MEDIAN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	COUNT	1.00	1.00	1.00	1.00	1.000	1.00	1.00	1.00
GROUP 5 Volume= 100,000 - < 5,000,000 m3 Maximum Depth = 10 - < 25 m	MIN	10.00	123000.00	0.80	0.36	0.500	5.10	-0.20	14.42
	MAX	24.40	4951000.00	11.40	63.68	49.000	7.90	23.80	229.00
	MEAN	14.34	1913529.91	4.91	5.14	8.409	6.63	5.03	50.36
	MEDIAN	13.60	1586500.00	4.50	4.17	7.000	6.70	3.80	34.05
	COUNT	117.00	117.00	116.00	113.00	116.000	117.00	117.00	116.00

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Volume and Maximum Depth Category	Statistical Parameter	Maximum Depth (m)	Volume (m3)	Secchi (m)	Chl-a (mg/m3)	Total Phos. (ug/L)	pH (units)	Alkalinity (mg/L)	Conductivity (uMhos/cm)
GROUP 6 Volume = 5,000,000 - < 50,000,000 m3 Maximum Depth = 10 - <25 m	MIN	10.10	5029000.00	2.10	1.28	2.500	5.70	0.90	19.33
	MAX	24.40	45548000.00	10.20	7.86	23.000	7.40	22.90	337.00
	MEAN	17.21	13544487.50	5.39	3.27	7.313	6.79	6.65	67.34
	MEDIAN	16.65	9288000.00	5.75	3.08	6.000	6.90	5.65	48.85
	COUNT	40.00	40.00	38.00	40.00	40.000	40.00	40.00	38.00
GROUP 7 Volume = >= 50,000,000 m3 Maximum Depth = 10 - <25 m	MIN	14.60	54285000.00	3.40	1.99	2.000	6.30	4.50	28.77
	MAX	18.50	120736500.00	4.00	3.73	10.000	6.70	5.50	134.40
	MEAN	16.17	94481000.00	3.67	3.06	6.330	6.53	5.03	69.50
	MEDIAN	15.40	108421500.00	3.60	3.46	7.000	6.60	5.10	45.34
	COUNT	3.00	3.00	3.00	3.00	3.000	3.00	3.00	3.00
GROUP 8 Volume = 100,000 - < 5,000,000 m3 Maximum Depth >= 25 m	MIN	29.60	2313500.00	9.3	0.57	5.000	6.80	3.10	22.00
	MAX	29.60	2313500.00	9.3	0.57	5.000	6.80	3.10	22.00
	MEAN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	MEDIAN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	COUNT	1.00	1.00	1.00	1.00	1.000	1.00	1.00	1.00
GROUP 9 Volume = 5,000,000 - < 50,000,000 m3 Maximum Depth >= 25 m	MIN	26.20	6662000.00	3.90	0.19	0.500	5.70	-0.10	21.20
	MAX	40.00	30024500.00	11.60	2.56	7.000	7.10	12.90	64.60
	MEAN	30.88	15838800.00	7.77	1.45	3.800	6.43	4.21	34.24
	MEDIAN	30.35	12814250.00	7.50	1.27	4.000	6.40	2.90	30.20
	COUNT	10.00	10.00	9.00	10.00	10.000	9.00	9.00	8.00
GROUP 10 Volume = > 50,000,000 m3 Maximum Depth >= 25 m	MIN	25.00	57503000.00	3.20	1.42	2.000	6.30	3.20	30.40
	MAX	55.50	2375841000.00	10.30	3.95	8.000	7.40	16.80	78.90
	MEAN	41.04	348659833.33	7.34	2.39	4.958	6.94	7.09	50.19
	MEDIAN	43.00	187598500.00	8.50	2.02	4.500	6.90	6.40	45.50
	COUNT	12.00	12.00	12.00	12.00	12.000	11.00	11.00	11.00