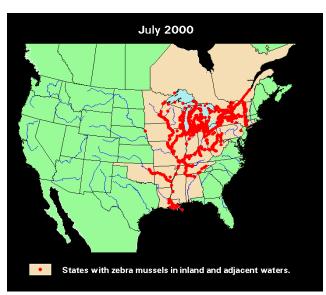
2001 ICM Problem Our Waterways - An Uncertain Future

Zebra mussels, *Dreissena polymorpha*, are small, fingernail-sized, freshwater mollusks unintentionally introduced to North America via ballast water from a transoceanic



vessel. Since their introduction in the mid 1980s, they have spread through all of the Great Lakes and to an increasing number of inland waterways in the United States and Canada. Zebra mussels colonize on various surfaces, such as docks, boat hulls, commercial fishing nets, water intake pipes and valves, native mollusks and other zebra mussels. Their only known predators, some diving ducks, freshwater drum, carp, and

sturgeon, are not numerous enough to have a significant effect on them. Zebra mussels have significantly impacted the Great Lakes ecosystem and economy. Many communities are trying to control or eliminate these aquatic pests. **SOURCE:** Great Lakes Sea Grant Network http://www.glerl.noaa.gov/seagrant/.

Researchers are attempting to identify the environmental variables related to the zebra mussel infestation in North American waterways. The relevant factors that may limit or prevent the spread of the zebra mussel are uncertain. You will have access to some reference data to include listings of several chemicals and substances in the water system that may affect the spread of the zebra mussel throughout waterways. Additionally, you can assume individual zebra mussels grow at a rate of 15 millimeters per year with a life span between 4 - 6 years. The typical mussel can filter 1 liter of water each day.

Requirement A: Discuss environmental factors that could influence the spread of zebra mussels.

Requirement B: Utilizing the data provided at http://www.comap/icm/chemicaldata1, model the population growth of zebra mussels in Lake A.

Requirement C: Utilizing additional data on Lake A from another scientist provided at http://www.comap/icm/chemicaldata2, corroborate the reasonableness of your model from Requirement B. As a result of this additional data, adjust your earlier model. Analyze the performance of your model. Discuss the sensitivity of your model.

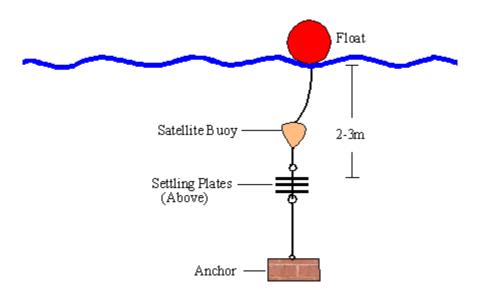
Requirement D: Utilizing the data from two lakes (Lake B and Lake C) in the United States provided at http://www.comap/icm/newlakedata, determine if these lakes are vulnerable to the spread of zebra mussels. Discuss your prediction.

Requirement E: The community in the vicinity of Lake B (in requirement D) is considering specific policies for the de-icing of roadways near the lake during the winter season. Provide guidance to the local government officials regarding a policy on "de-icing agents." In your guidance include predictions on the long-term impact of de-icing on the zebra mussel population.

Requirement F: It has been recommended by a local community in the United States to introduce *round goby* fish. Zebra mussels are not often eaten by native fish species so they represent a dead end ecologically. However, round gobies greater than 100 mm feed almost exclusively on zebra mussels. Ironically, because of habitat destruction, the goby is endangered in its native habitat of the Black and Caspian Seas in Russia. In addition to your technical report, include a carefully crafted report (3-page maximum) written explicitly for the local community leaders that responds to their recommendation to introduce the round goby. Also suggest ways to help reduce the growth of the mussel within and among waterways.

Information about the collection of the zebra mussel data

The developmental state of the Zebra mussel is categorized by three stages: veligers (larvae), settling juveniles, and adults. Veligers (microscopic zebra mussel larvae) are free-swimming, suspended in the water for one to three weeks, after which they begin searching for a hard surface to attach to and begin their adult life. Looking for zebra mussel veligers is difficult because they are not easily visible by the naked eye. Settled juvenile zebra mussels can be felt on smooth surfaces like boats and motors. An advanced zebra mussel infestation can cover a surface, even forming thick mats sometimes reaching very high densities. The density of juveniles was determined along the lake using three 15×15 cm settling plates. The top plate remained in the water for the entire sampling season (S - seasonal) to estimate seasonal accumulation. The middle and bottom plates are collected after specific periods (A - alternating) of time denoted by "Lake Days" in the data files.



The settling plates are placed under the microscope and all juveniles on the undersides of the plate are counted and densities are reported as juveniles/m².



Below is chemical data that was collected between 1992 and 1999 on Lake A at 10 different sites. The sites range from southern locations (site 1) to northern locations (site 10). The zebra mussel was first introduced in the southern portion of the lake.

Lake Test	Abbreviation	UNITS
Alkalinity	Alk	mg/L as CaCO3
Calcium	Ca	mg/L
Chlorophyll	Chl-a	ug/L
Chloride	Cl	mg/L
Iron	Fe	ug/L
Potassium	K	mg/L
Magnesium	Mg	mg/L
Sodium	Na	mg/L
pН	pН	рН
Secchi Disk Tranparency	Secchi	meters
Temperature	Temp	оС

Lake Location	Test	Minimum	25th	Population	75th	Maximum
		Value	Percentile	Median	Percentile	Value
1	Alk	63.8	81.6	86.8	91.9	104.5
1	Ca	23.2	24.8	26.8	27.2	27.5
1	Chl-a	0.69	4.13	6.27	9.45	15.55
1	Cl	9.3	13.1	15.3	17.9	27
1	Fe	301	381	501	595	963
1	K	1	1.2	1.2	1.3	2.3
1	Mg	5.1	5.7	6.6	6.7	6.7
1	Na	6.8	9.4	11.4	12.6	12.9
1	рН	6.58	7.54	7.68	7.83	8.58
1	Secchi	0.2	0.6	0.9	1.1	1.8
1	Temp	8.5	16.1	20.2	21.7	24.2
Lake Location	Test	Minimum	25th	Population	75th	Maximum
		Value	Percentile	Median	Percentile	Value
2	Alk	51.7	66.3	72.4	76.3	88.9
2	Ca	18	21.6	22.3	22.7	23.2
2	Chl-a	1.41	3.84	5.52	7.62	22.94
2	Cl	9.6	13.2	14.9	18.2	31.8
2	Fe	50	83	143	539	709
2	K	1.3	1.4	1.5	1.5	2
2	Mg	4.5	5.1	5.2	5.4	6.2
2	Na	9.3	10.6	13.4	15.6	20.6
2	рН	6.83	7.79	8	8.25	8.68

Below you find zebra mussel population data that was collected at 10 different sites on Lake A. The sites range from southern locations (site 1) to northern locations (site 10). The zebra mussel was first introduced in the southern portion of the Lake A.

See File: Collection for information on collectioning zebra mussel data

Lake Test	Abbreviation	Units
Type of Plate		A - Alternating
		S - Seasonal
Days in the Water	Lake Days	Days
Density of juveniles	Density	juveniles/m ²

Lake Location	Date	QA	Lake Days	Density
1	7/12/1994	Α	31	133
1	7/18/1994	Α	37	0
1	9/2/1994	Α	46	133
1	9/21/1994	Α	65	133
1	11/2/1994	Α	82	578
1	11/2/1994	S	154	2,089
1	7/12/1995	Α	28	222
1	7/25/1995	Α	13	178
1	8/22/1995	Α	28	3,378
1	9/12/1995	Α	21	694,000
1	10/18/1995	S	98	498,000
1	10/18/1995	S	98	354,000
1	10/18/1995	Α	36	604,000
1	6/24/1996	Α	19	0
1	9/3/1996	Α	14	116,000
1	9/17/1996	Α	28	440,000
1	9/30/1996	Α	27	22,978
1	11/4/1996	Α	48	2,311
1	11/4/1996	Α	35	4,400
1	11/4/1996	S	105	386,000
1	6/4/1997	Α	30	0
1	6/18/1997	Α	27	80,000
1	7/2/1997	Α	28	42,000
1	7/17/1997	Α	29	2,622
1	8/1/1997	Α	30	1,778
1	8/18/1997	Α	32	52,000
1	9/4/1997	Α	34	398,000
1	9/19/1997	Α	32	318,000
1	10/8/1997	S	156	146,489
1	10/8/1997	Α	34	46,000
1	10/8/1997	Α	19	11,200
1	5/29/1998	Α	30	4,267
1	6/17/1998	Α	34	10,889
1	7/7/1998	Α	39	5,600
1	7/20/1998	Α	33	23,467
1	8/3/1998	Α	27	13,378
1	8/20/1998	Α	31	80,000

Lake A Chem 2 -- This chemical data on Lake A was provided by another researcher

Lake Test	Abbreviation	UNITS
Stratum	U/E/H	Samples are obtained from both the Epilimnion (E) , (the topmost and warmest layer of water), and the Hypolimnion (H) (the cold deep water layer) and Unstratified (U) .
Total Phosphorus	TP	mg/L
Dissolved Phosphorus	DP	mg/L
Calcium	Ca	mg/L
Magnesium	Mg	ug/L
Total Nitrogen	TN	mg/L
Temperature	Temp	оС
Chlorophyll	Chl-a	ug/L

Lake Location	Date	Stratum	T	DP	Ca	Mg	TN	Temp	Chl-a
1	5/13/1992	U	0.03	0.01			0.58		
1	5/26/1992	U	0.05	0.02			0.70	15.80	
1	6/11/1992	U	0.05	0.02			0.69	21.30	10.18
1	6/23/1992	U	0.06	0.02			0.51	20.00	4.69
1	7/15/1992	U	0.06	0.01			0.73	21.90	
1	7/28/1992	U	0.05	0.01			0.67	22.40	
1	8/11/1992	U	0.05	0.01			0.73	22.50	
1	8/25/1992	U	0.05	0.01			0.54	21.50	6.43
1	9/17/1992	U	0.06	0.02			0.57	20.40	7.50
1	10/6/1992	U	0.06	0.01			0.63	12.20	
1	10/30/1992	U	0.06	0.02			0.57		
1	5/4/1993	U	0.01	0.01			0.42	14.10	
1	6/1/1993	U	0.04	0.01			0.39	17.30	
1	6/8/1993	U	0.04	0.01			0.40	17.50	
1	6/30/1993	U	0.05	0.01			0.49		
1	7/14/1993	U	0.09	0.02			0.79		
1	8/5/1993	U	0.08	0.01			0.57		
1	8/13/1993	U	0.06	0.01			0.36		
1	8/19/1993	U	0.05	0.01			0.48		
1	8/26/1993	U	0.06	0.01					
1	9/2/1993	U	0.08	0.01			0.44	23.50	
1	9/22/1993	U	0.07	0.01			0.54	16.10	
1	10/6/1993	U	0.05	0.01			0.45		

Lake A Population 2--New Researcher Information

Below you find zebra mussel population data that was collected at 10 different sites on Lake A. The sites range from southern locations (site 1) to northern locations (site 10). The zebra mussel was first introduced in the southern portion of the Lake A.

See File: Collection for information on collectioning zebra mussel data

Lake Test	Abbreviation	Units
Density of juveniles	Density	juveniles/m²

Lake Location	Date	Number	
1	7/1/1994	100	
1	8/1/1994	70	
1	9/1/1994	50	
1	10/1/1994	248	
1	11/1/1994	1045	
1	7/12/1995	222	
1	8/1/1995	50	
1	9/1/1995	70	
1	10/1/1995	40,000	
1	11/1/1995	200,385	
1	7/1/1996	39	
1	8/1/1996	4,843	
1	9/1/1996	30,033	
1	10/1/1996	949,433	
1	11/1/1996	49,333	
0	7/1/1997	0	
1	8/1/1997	20,456	
1	9/1/1997	44,678	
1	10/1/1997	345,555	
1	11/1/1997	98,789	
1	7/1/1998	605	
1	8/1/1998	84,132	
1	9/1/1998	599,432	
1	10/1/1998	454,932	
1	11/1/1998	49,332	
1	7/1/1999	93	
1	8/1/1999	45	
1	9/1/1999	83,962	
1	10/1/1999	539,229	
1	11/1/1999	30,012	
1	7/1/2000	0	
1	8/1/2000	50	
1	9/1/2000	9,483	
1	10/1/2000	592,339	
1	11/1/2000	467,876	
Lake Location	Date		

Chemical Data on Lake B

Name	Code	Units
Depth	Z	meters
рН	рН	standard units
Chloride	CL	mg/l
Sulfate	SO4	mg S/I
Total Phosphorus	TP	ug P/I
Nitrate	NO3	mg N/l
Ammonia	NH4	mg N/l
Chlorophyll	CHLA	ug/l
Total Nitrogen	TN	mg N/l
Calcium	Ca	mg/l
Magnesium	Mg	mg/l
Sodium	Na	mg/l
less than	-	

Date	PH	COND	CL	SO4	CA	TP	NO3	NH4	CHLA	Mg	Na	TN
18-Feb-97	7.42	124	13.4	2.9	11.89	4.9	0.06	-0.01	1.47	2.6	9.34	0.19
22-Apr-97	7.62	128	13.1	2.7	11.65	6	0.08	-0.01	1.28	2.57	9.23	0.22
7-May-97	7.43	115	12.71	2.6	10.69	5.5	0.06	0.01	1.7	2.48	8.16	0.18
20-May-97	7.37	119	10.87	2	10.35	6.3	0.06	-0.01	2.18	2.26	7.36	0.18
3-Jun-97	7.35	125	10.27	3.2	10.98	4.1	0.01	-0.01	0.67	2.35	6.87	0.18
18-Jun-97	7.61	110.6	12.08	3	11.06	7.1	0.058	0.01	3.03	2.43	6.94	0.18
24-Jul-97	7.29	109.8	10.3	3.1	11.35	5.3	0.01	-0.01	2.49	2.44	6.96	0.2
21-Aug-97	7.64	118.2	10.05	3	10.95	2.1	-0.005	0.01	2.24	2.37	6.78	0.16
22-Sep-97	7.97	115.9	10.05	3	11.61	8.8	-0.005	-0.01	4.18		6.64	0.14
22-Oct-97	7.26	123	11.47	3	13.8	5.5	0.01	-0.01	2.13		6.72	0.16
4-Nov-97	7.41	115.2	10.73	2.6	11.53	10.4	0.021	-0.01	8.65		6.55	0.19
26-Feb-98	7.19	133.7	15.88	2.86	13.8	6.2	0.048	0.01	3.63	2.44	9.06	0.22
15-Apr-98	7.46	109.9	12.74	2.49	12.5	3.5	0.04	0.012	1.26	2.27	7.46	0.17

Chemical Data on Lake C

	N	lame	Code	Un	its		
		tamo	Codo				
		рН	рН	standaı	rd units		
	Seco	chi Depth	Zsec	met			
		ulfate	SO4	mg			
		le Phosphorus	TFP	ug			
		litrate .	NO3	mg			
	Ca	alcium	Ca	m			
	Мад	gnesium	Mg	m			
		odium	Na	m			
		assium	K	m			
Date	PH	NO3	SO4	Ca	Mg	Na	K
MoveOO	4 74	0.54	6	4.6	0.05	0.55	0.4
May-92	4.71	2.51	6 5.75	1.6	0.25	0.55	0.4
Jun-92	4.78	2.3	5.75	1.25	0.251	0.49	0.3
Jul-92	4.77	1.8	6.2	1.3	0.2	0.35	0.35
Aug-92	4.81	1.5	5.9	1.65	0.25	0.45	0.3
Sep-92	4.79	1.4	6.25	1.15	0.256	0.3	0.25
Oct-92	4.8	1.3	6.7	1.3	0.258	0.35	0.3
Nov-92	4.79	1.3	6.75	1.2	0.23	0.34	0.3
Dec-92	4.52	1.3	6.7	1.45	0.22	0.3	0.28
Jan-93	4.45	1.5	6.8	1.51	0.23	0.32	0.3
Feb-93	4.59 4.31	1.9	6.5 5.5	1.35	0.22	0.33	0.25
Mar-93	4.31	2.4	5.5	1.3	0.21	0.27	0.24
Apr-93	4.7 4.75	2 4.3	5.6 5.5	1.2 1.2	0.24 0.24	0.27	0.23 0.26
May-93						0.25	
Jun-93	4.76	2	5.6	0.85	0.23	0.3	0.26
Jul-93	4.8	1.7	6.2	1.85	0.25	0.3	0.26
Aug-93	4.78	1.6	6.25	1.2	0.24	0.29	0.24
Sep-93	4.78 4.77	1.1	5.5 5.0	1.2	0.23	0.29	0.23
Oct-93	4.77 4.79	1	5.8 5.7	1.2	0.23	0.3	0.27
Nov-93 Dec-93	4.78 4.41	1	5.7 6.5	1.1 1.3	0.22 0.24	0.29 0.31	0.25 0.24
	4.41 4.58	1.1		1.3 1.15	0.24	0.31	0.24
Jan-94		1.7	5.6				
Feb-94 Mar-94	4.42	1.5	6.2	1.25	0.23	0.29	0.25
	4.6	2.1	6.4 5.4	1.35	0.22	0.3	0.26
Apr-94	4.25	3.9	5.4 5.45	1.15	0.23	0.31	0.25
May-94	4.61 4.75	2.6	5.45 5.45	1.2 1.2	0.23 0.23	0.32 0.33	0.26 0.25
Jun-94		2.5	5.45 5.4				
Jul-94	4.65	2.1	5.4 5.0	1.25	0.23	0.3	0.26
Aug-94	4.68	1.7	5.9	1.25	0.22	0.35	0.26
Sep-94	4.78	1.5	5.9	1.2	0.22	0.3	0.25
Oct-94	4.8	1.4	5.9	1.25	0.22	0.33	0.25
Nov-94	4.8	1.45	6.35	1.2	0.22	0.32	0.25
Dec-94	4.79	1.7	6.1	1.25	0.22	0.31	0.25

Jan-95	4.76	2.3	5.5	1.15	0.23	0.5	0.25
Feb-95	4.68	2.4	5.1	1.25	0.22	0.55	0.27
Mar-95	4.6	2.3	5.7	1.2	0.22	0.49	0.24
Apr-95	4.55	2.2	5.4	1.25	0.22	0.35	0.27
May-95	4.75	2	5.55	1.21	0.23	0.36	0.25
Jun-95	4.82	1.7	5.55	1.2	0.24	0.31	0.26
Jul-95	4.77	1.5	5.5	1.25	0.23	0.31	26
Aug-95	4.83	1.3	5.7	1.15	0.24	0.3	0.27
Sep-95	4.77	1.2	5.6	1.18	0.23	0.32	0.3
Oct-95	4.85	1	5.75	1.3	0.23	0.32	0.25
Nov-95	4.89	1.6	5.9	1.2	0.23	0.32	0.28
Dec-95	4.78	2	6	1.35	0.24	0.5	0.27
Jan-96	4.8	2.3	4.75	1.25	0.23	0.45	0.26
Feb-96	4.62	2.7	5.15	1.35	0.24	0.25	0.26
Mar-96	4.55	3.2	4.8	1.25	0.23	0.3	0.25
Apr-96	4.43	4.8	4.7	1.15	0.23	0.29	0.26
May-96	4.76	2.8	4.4	1.15	0.23	0.28	0.25
Jun-96	4.66	2.6	5.1	1.16	0.22	0.3	0.26
Jul-96	4.67	2.5	5.05	1.15	0.23	0.28	0.27
Aug-96	4.7	1.9	5.75	1.15	0.23	0.29	0.27
Sep-96	4.77	1.7	5.8	1.2	0.22	0.3	0.27
Oct-96	4.9	1.5	5.5	1.15	0.23	0.287	0.26
Nov-96	4.9	1.5	5.2	1.11	0.23	0.27	0.25
Dec-96	4.61	2.4	4.3	0.85	0.22	2.8	0.26
Jan-97	4.61	2.7	4.6	1.1	0.22	2.8	0.25
Feb-97	4.42	4.4	4.8	0.85	0.23	0.27	0.26
Mar-97	4.4	4.8	5	1.1	0.23	0.26	0.25
Apr-97	4.43	2.7	4.95	1.1	0.23	0.28	0.24
May-97	4.69	2.6	5.1	1.2	0.23	0.26	0.26
Jun-97	4.8	2.3	5.01	1.05	0.23	2.8	0.25
Jul-97	4.8	1.8	5.35	1.1	0.23	0.28	0.26
Aug-97	4.86	1.6	5.5	1.15	0.23	0.27	0.26
Sep-97	4.91	1.4	5	1	0.23	0.27	0.25
Oct-97	4.84	1.5	5.4	1.1	0.23	0.275	0.25
Nov-97	4.87	1	5.4	1.05	0.23	0.28	0.25
Dec-97	4.85	2.7	4.65	1.1	0.22	0.27	0.25
Jan-98	4.495	2.6	4.7	1.1	0.22	0.26	0.24
Feb-98	4.57	2.9	4.75	1.05	0.22	0.28	0.24
Mar-98	4.53	2.5	4.65	0.095	0.22	0.29	0.23
Apr-98	4.68	2	4.75	1.15	0.22	0.29	0.24
May-98	4.88	1.9	4.7	0.95	0.22	0.28	0.2
Jun-98	4.93	1.6	5.1	0.95	0.22	0.29	0.25
Jul-98	4.71	1.3	4.75	1	0.23	0.35	0.25
Aug-98	4.89	1	5.1	1	0.22	0.35	0.25
Sep-98	4.8	0.8	5.1	1.05	0.22	0.32	0.25
Oct-98	4.93	0.8	5.15	1	0.22	0.34	0.25
Nov-98	5.1	0.9	5.4	1.2	0.22	0.33	0.25
Dec-98	4.91	0.9	5.2	1.2	0.23	0.33	0.24
Jan-99	4.94	1	4.8	1.05	0.22	0.33	0.28
Feb-99	4.55	1.7	4.9	1.2	0.22	0.31	0.24
Mar-99	4.68	1.5	4.9	1.1	0.22	0.3	0.26
Apr-99	4.73	1.9	4.9	1.1	0.23	0.19	0.24
•							

May-99	4.87	1.6	5.1	1.05	0.22	0.28	0.25
Jun-99	4.86	1.3	5.2	1.2	0.22	0.29	0.26
Jul-99	4.88	1	5.25	1.2	0.23	0.3	0.26
Aug-99	5.99	0.9	5.5	1.15	0.22	0.3	0.26
Sep-99	5.2	0.8	5.3	1.2	0.22	0.3	0.25
Oct-99	4.8	0.85	5.2	1.2	0.22	0.26	0.25
Nov-99	4.99	0.9	4.9	1.1	0.22	0.28	0.25
Dec-99	4.9	1.2	4.95	1.2	0.23	0.27	0.25
Jan-00	4.74	2.3	4.75	0.9	0.22	0.26	0.24
Feb-00	4.54	2.4	4.9	1	0.22	0.25	0.25
Mar-00	4.56	2	4.6	0.75	0.23	0.24	0.25
Apr-00	4.71	1.8	4.6	8.0	0.23	0.23	0.24
May-00	4.74	1.3	4.6	0.85	0.22	0.22	0.25
Jun-00	4.8	1	4.5	1.2	0.23	0.24	0.24
Jul-00	4.77	8.0	4.4	0.95	0.24	0.25	0.24
Aug-00	4.94	0.6	4.3	0.9	0.25	0.19	0.23
Sep-00	4.95	0.5	4.4	1	0.23	0.2	0.25

30-Apr-98	7.83	109.6	13.47	2.6	11.5	3.3	0.032	0.006	1.47	2.31	7.78	0.21
12-May-98	7.25	103.8	12.25	2.47	10.4	4.2	0.032	0.000	0.96	2.2	7.73	0.16
12-May-98	7.49	110.7	12.31	2.54	10.5	4.4	0.023	0.019	0.92	2.2	7.23	0.15
26-May-98	8.01	112.2	13.7	2.61	10.7	4.1	0.023	It 0.005	2.14	2.35	7.44	0.16
10-Jun-98	7.58	108.1	13.7	2.65	11.1	4.8	0.005	0.003	1	2.35	7. 44 7.29	0.10
10-Jun-98	7.62	110.1	13.83	2.62	10.8	7.2	0.005	0.007	1.1	2.29	6.97	0.13
16-Jul-98	7.85	112.5	12.94	2.48	10.5	7.2	It 0.005	0.012	2.32	2.27	7.19	0.13
6-Aug-98	7.3	114	13.47	2.40	11.4	5.1	It 0.005	It 0.005	2.82	2.34	7.19	0.19
1-Sep-98	8.02	111.7	12.26	2.54	10.2	7	It 0.005	It 0.005	2.59	2.18	6.84	0.13
30-Sep-98	7.9	111.7	12.20	2.63	10.2	6.4	It 0.005	It 0.005	2.43	2.10	7.01	0.2
30-Sep-98	7.9 7.9	112.7	12.74	2.56	10.5	5.7	It 0.005	It 0.005	2.45	2.19	7.01	0.2
13-Oct-98	7.82	111.6	12.01	2.66	12.4	7.9	It 0.005	0.005	3.07	2.19	6.8	0.16
2-Nov-98	7.82 7.86	113.7	12.76		12.4	7.9 11.2		lt 0.005	3.0 <i>1</i> 4.81	2.25	6.86	0.34
				2.59			It 0.005					
2-Mar-99	7.52	137.4	22.1	2.9	12.1	5.8	0.05	It 0.01	0.57	2.39	12.14	0.18
2-Mar-99	7.5	137.5	21.9	2.88	12.5	5.8	0.05	It 0.01	0.64	2.39	11.92	0.18
14-Apr-99	7.52	131.9	19.3	2.7	13.1	12.7	0.05	It 0.01	2.49	2.45	9.69	0.24
27-Apr-99	7.64	119.8	15.9	2.74	12.2	6.3	0.02	It 0.01	2.8	2.35	8.06	0.19
12-May-99	7.84	109.1	13.5	2.62	11	5.8	It 0.01	It 0.01	0.94	2.34	7.43	0.15
12-May-99	7.88	107.2	13.3	2.57	11.8	4.6	It 0.01	It 0.01	0.85	2.55	7.77	0.16
26-May-99	7.66	106	11.9	2.64	12	6.9	0.01	0.011	1.66	2.18	7.09	0.16
9-Jun-99	8.03	109	12.5	2.59	11.1	3.7	It 0.01	It 0.01	0.52	2.17	7.16	0.15
23-Jun-99	7.92	111.2	12.4	2.74	11.1	2.9	It 0.01	It 0.01	1.21	2.42	7.28	0.14
21-Jul-99	7.91	114.4	12.1	2.55	11.4	6.4	It 0.01	It 0.01	1.85	2.43	7.23	0.14
11-Aug-99	7.34	116.7	12.3	2.6	11.7	4.8	It 0.01	It 0.01	2.37	2.43	7.07	0.17
11-Aug-99	7.69	118.1	12.9	2.58	11.7	5.3	It 0.01	It 0.01	2.14	2.42	7.05	0.18
9-Sep-99	8.02	121.1	12.7	2.53	12.7	7.3	It 0.01	It 0.01	1.9	2.51	7.34	0.17
6-Oct-99	7.63	104.4	12.5	2.61	11.5	6.7	0.01	It 0.01	2.98	2.42	6.9	0.19
20-Oct-99	7.31	116.3	12.6	2.55	11.4	8.8	It 0.01	It 0.01	4.49	2.44	6.97	0.15
4-Nov-99	7.53	113.1	13.5	2.89	11.6	4.8	0.014	It 0.01	1.83	2.44	7.12	0.17

2	7/1/1994	0	
2	8/1/1994	67	
2	9/1/1994	456	
2	10/1/1994	8,767	
2	11/1/1994	6,788	
2	7/12/1995	76	
2	8/1/1995	789	
2	9/1/1995	568	
2	10/1/1995	55	
2	11/1/1995	32	
2	7/1/1996	2,834	
2	8/1/1996	9,584	
2			
	9/1/1996	2,433,282	
2	10/1/1996	1,943,383	
2	11/1/1996	746,294	
2	7/1/1997	232	
2	8/1/1997	134,543	
2	9/1/1997	32,452	
2	10/1/1997	12,512	
2	11/1/1997	41,234	
2	7/1/1998	64	
2	8/1/1998	3,224	
2	9/1/1998	955,487	
2	10/1/1998	3,425	
		44 400	
2	11/1/1998	11,123	
2 2	11/1/1998 7/1/1999	843	
2 2 2			
2 2 2 2	7/1/1999	843	
2 2 2	7/1/1999 8/1/1999	843 35,543	
2 2 2 2	7/1/1999 8/1/1999 9/1/1999	843 35,543 23,452	
2 2 2 2 2 2	7/1/1999 8/1/1999 9/1/1999 10/1/1999	843 35,543 23,452 233,523	
2 2 2 2 2	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999	843 35,543 23,452 233,523 22,344	
2 2 2 2 2 2 2 2	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000	843 35,543 23,452 233,523 22,344 89 6,578	
2 2 2 2 2 2 2 2 2	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786	
2 2 2 2 2 2 2 2 2	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000 10/1/2000	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563	
2 2 2 2 2 2 2 2 2	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786	
2 2 2 2 2 2 2 2 2 2	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000 10/1/2000 11/1/2000	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000 10/1/2000 11/1/2000	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000 10/1/2000 11/1/2000 Date 7/1/1994	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000 10/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000 10/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852 66,087	
2 2 2 2 2 2 2 2 2 2 Lake Location 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000 10/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852 66,087 89,890	
2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000 10/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994 7/12/1995	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852 66,087 89,890 877	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 10/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994 11/1/1994 7/12/1995 8/1/1995	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852 66,087 89,890 877 2,543	
2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 10/1/2000 11/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994 11/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852 66,087 89,890 877 2,543 32,462	
2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 10/1/2000 10/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994 11/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852 66,087 89,890 877 2,543 32,462 252,352	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000 10/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994 11/1/1994 11/1/1995 8/1/1995 9/1/1995 10/1/1995	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852 66,087 89,890 877 2,543 32,462 252,352 23,455	
2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000 10/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1995 8/1/1995 9/1/1995 11/1/1995 7/1/1996	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852 66,087 89,890 877 2,543 32,462 252,352 23,455 5,758	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 10/1/2000 11/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994 11/1/1994 11/1/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852 66,087 89,890 877 2,543 32,462 252,352 23,455 5,758 34,563	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 10/1/2000 11/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852 66,087 89,890 877 2,543 32,462 252,352 23,455 5,758 34,563 6,789	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 9/1/2000 10/1/2000 11/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994 11/1/1994 11/1/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1995 11/1/1996 8/1/1996 9/1/1996	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852 66,087 89,890 877 2,543 32,462 252,352 23,455 5,758 34,563 6,789 2,345,234	
2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3	7/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 7/1/2000 8/1/2000 10/1/2000 11/1/2000 11/1/2000 Date 7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996	843 35,543 23,452 233,523 22,344 89 6,578 1,345,786 1,578,563 684,741 98 9,868 21,852 66,087 89,890 877 2,543 32,462 252,352 23,455 5,758 34,563 6,789	

3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/1/1997 9/1/1997 10/1/1997 11/1/1998 8/1/1998 9/1/1998 10/1/1998 10/1/1998 11/1/1999 8/1/1999 9/1/1999 10/1/1999 11/1/1999 11/1/1999 7/1/2000 8/1/2000 10/1/2000 10/1/2000	757 67,858 2,854,329 1,325,234 987 89,897 97,907 346,534 35,663 0 34,634 34,634 567,344 67,965 47 365 2,356 574,574 35,633
Lake Location	Date	33,000
4	7/1/1994	0
4	8/1/1994	0
4	9/1/1994	43
4	10/1/1994	3
4	11/1/1994	32
4	7/12/1995	0
4 4	8/1/1995 9/1/1995	345 34
4	10/1/1995	34 2,452
4	11/1/1995	23,455
4	7/1/1996	23, 4 33 57
4	8/1/1996	5,754
4	9/1/1996	9,775
4	10/1/1996	24,352
4	11/1/1996	24,243
4	7/1/1997	5
4	8/1/1997	97
4	9/1/1997	1,441
4	10/1/1997	134,562
4	11/1/1997	412
4	7/1/1998	23
4	8/1/1998	347,447
4	9/1/1998	235,212
4	10/1/1998	32,452
4	11/1/1998	252,345
4	7/1/1999	55
4	8/1/1999	363
4	9/1/1999	23,523
4 4	10/1/1999	25,634 34,653
4	11/1/1999 7/1/2000	34,653 87
4	8/1/2000	5,634

4 4	9/1/2000 10/1/2000	345,634 435,634	
4	11/1/2000	56,345	
Lake Location	Date	00,040	
5	7/1/1994	0	
5	8/1/1994	0	
5	9/1/1994	0	
5	10/1/1994	0	
5	11/1/1994	0	
5	7/12/1995	0	
5	8/1/1995	0	
5	9/1/1995	0	
5	10/1/1995	0	
5	11/1/1995	0	
5	7/1/1996	0	
5	8/1/1996	56	
5	9/1/1996	356	
5	10/1/1996	3,566	
5	11/1/1996	5,643	
5	7/1/1997	78	
5	8/1/1997	745	
5	9/1/1997	45,745	
5	10/1/1997	67,456	
5	11/1/1997	56,356	
5	7/1/1998	657	
5	8/1/1998	53,634	
5	9/1/1998	346,546	
5	10/1/1998	1,258,654	
5	11/1/1998	564,546	
5	7/1/1999	67	
5	8/1/1999	5,698	
5	9/1/1999	9,953	
5	10/1/1999	1,346,346	
5	11/1/1999	789,574	
5	7/1/2000	255	
5	8/1/2000	34,523	
5	9/1/2000	1,286,836	
5	10/1/2000	234,523	
5	11/1/2000	46,346	
Lake Location	Date		
6	7/1/1994	0	
6	8/1/1994	0	
6	9/1/1994	0	
6	10/1/1994	0	
6	11/1/1994	0	
6	7/12/1995	0	
6	8/1/1995	0	
6	9/1/1995	0	
6	10/1/1995	0	
6	11/1/1995	0	
6	7/1/1996	0	
6	8/1/1996	0	

6	9/1/1996	0	
6	10/1/1996	0	
6	11/1/1996	0	
6	7/1/1997	0	
6	8/1/1997	0	
6	9/1/1997	56	
6	10/1/1997	242	
6	11/1/1997	342	
6	7/1/1998	0	
6	8/1/1998	43	
6	9/1/1998	95	
6	10/1/1998	277	
6	11/1/1998	658	
6	7/1/1999	89	
6	8/1/1999	645	
6	9/1/1999	0	
6	10/1/1999	245	
6	11/1/1999	345	
6	7/1/2000	95	
6	8/1/2000	54	
6	9/1/2000	455	
6	10/1/2000	355	
6	11/1/2000	32	
Lake Location	Date	32	
7	7/1/1994	0	
7	8/1/1994	0	
,			
7	0/1/100 <i>/</i>	Λ	
7 7	9/1/1994 10/1/199 <i>4</i>	0	
7	10/1/1994	0	
7 7	10/1/1994 11/1/1994	0 0	
7 7 7	10/1/1994 11/1/1994 7/12/1995	0 0 0	
7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995	0 0 0 0	
7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995	0 0 0 0	
7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995	0 0 0 0 0	
7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1995	0 0 0 0 0	
7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996	0 0 0 0 0 0	
7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996	0 0 0 0 0 0 0	
7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996	0 0 0 0 0 0 0	
7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996	0 0 0 0 0 0 0	
7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996	0 0 0 0 0 0 0	
7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1996 7/1/1997	0 0 0 0 0 0 0 0	
7 7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997	0 0 0 0 0 0 0	
7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1996 7/1/1997	0 0 0 0 0 0 0 0	
7 7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997	0 0 0 0 0 0 0 0	
7 7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997 9/1/1997	0 0 0 0 0 0 0 0	
7 7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997 9/1/1997		
7 7 7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997 8/1/1997 10/1/1997 11/1/1997 7/1/1998		
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997 8/1/1997 10/1/1997 11/1/1997 7/1/1998 8/1/1998		
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997 9/1/1997 10/1/1997 11/1/1997 7/1/1998 8/1/1998		
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997 9/1/1997 10/1/1997 11/1/1997 11/1/1998 8/1/1998 9/1/1998		
7 7 7 7 7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997 9/1/1997 10/1/1997 11/1/1997 7/1/1998 8/1/1998 9/1/1998 10/1/1998 11/1/1998		
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997 9/1/1997 10/1/1997 11/1/1997 11/1/1998 8/1/1998 9/1/1998 10/1/1998 11/1/1998 7/1/1999		
7 7 7 7 7 7 7 7 7 7 7 7 7 7	10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997 9/1/1997 10/1/1997 11/1/1997 7/1/1998 8/1/1998 9/1/1998 10/1/1998 11/1/1998		

7	10/1/1999	45	
7	11/1/1999	547	
7	7/1/2000	0	
7	8/1/2000	64	
7	9/1/2000	436	
7	10/1/2000	731	
7	11/1/2000	98	
Lake Location	Date	30	
8	7/1/1994	0	
8	8/1/1994	Ö	
8	9/1/1994	0	
8	10/1/1994	0	
8	11/1/1994	0	
8	7/12/1995	0	
8			
	8/1/1995	0	
8	9/1/1995	0	
8	10/1/1995	0	
8	11/1/1995	0	
8	7/1/1996	0	
8	8/1/1996	0	
8	9/1/1996	0	
8	10/1/1996	0	
8	11/1/1996	0	
8	7/1/1997	0	
8	8/1/1997	0	
8	9/1/1997	0	
8	10/1/1997	0	
8	11/1/1997	0	
8	7/1/1998	0	
8	8/1/1998	0	
8	9/1/1998	76	
8	10/1/1998	457	
8	11/1/1998	3,456	
8	7/1/1999	8	
8	8/1/1999	574	
8	9/1/1999	3,521	
8	10/1/1999	6,245	
8	11/1/1999	7,896	
8	7/1/2000	85	
8	8/1/2000	2,345	
8	9/1/2000	54,673	
8	10/1/2000	13,434	
8	11/1/2000	3,245	
Lake Location	Date		
9	7/1/1994	0	
9	8/1/1994	0	
9	9/1/1994	0	
9	10/1/1994	0	
9	11/1/1994	0	
9	7/12/1995	0	
9	8/1/1995	0	
9	9/1/1995	0	

9999999999999999999999999	10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 10/1/1997 8/1/1997 9/1/1997 10/1/1997 11/1/1998 8/1/1998 9/1/1998 10/1/1998 10/1/1998 11/1/1999 9/1/1999 9/1/1999 10/1/1999 10/1/1999 11/1/1999 11/1/1999 11/1/1999 11/1/2000 8/1/2000 10/1/2000 11/1/2000	0 0 0 0 0 0 0 0 0 0 64 956 5,632 54 73 32,423 234,234 4,423 42 4,352 234,525 344,525 35,254 96 574 34,563 324,523 34,522	
	1 17 17 2000	0-1,022	
Lake Location 10	Date 7/1/1994	0	
Lake Location 10 10	Date 7/1/1994 8/1/1994	0	
Lake Location 10	Date 7/1/1994	0	
Lake Location 10 10 10	Date 7/1/1994 8/1/1994 9/1/1994	0 0 0	
10 10 10 10 10	Date 7/1/1994 8/1/1994 9/1/1994 10/1/1994	0 0 0 0	
10 10 10 10 10 10	Date 7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994	0 0 0 0 0	
10 10 10 10 10 10 10 10 10	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995	0 0 0 0 0 0 0	
10 10 10 10 10 10 10 10 10 10	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995	0 0 0 0 0 0 0	
10 10 10 10 10 10 10 10 10 10	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995	0 0 0 0 0 0 0	
10 10 10 10 10 10 10 10 10 10 10	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1995	0 0 0 0 0 0 0 0	
10 10 10 10 10 10 10 10 10 10 10	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996	0 0 0 0 0 0 0 0 0 0	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996	0 0 0 0 0 0 0 0 0 0 75 553	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996	0 0 0 0 0 0 0 0 0 75 553 35	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1995 8/1/1995 8/1/1995 10/1/1995 11/1/1996 8/1/1996 10/1/1996 11/1/1996	0 0 0 0 0 0 0 0 0 0 75 553 35 674	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1996 7/1/1997	0 0 0 0 0 0 0 0 0 0 75 553 35 674 0	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994 7/12/1995 8/1/1995 10/1/1995 11/1/1996 8/1/1996 10/1/1996 11/1/1996 7/1/1997 8/1/1997	0 0 0 0 0 0 0 0 0 0 75 553 35 674 0	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1996 7/1/1997	0 0 0 0 0 0 0 0 0 0 75 553 35 674 0	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994 7/12/1995 8/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 11/1/1996 11/1/1997 8/1/1997 9/1/1997	0 0 0 0 0 0 0 0 0 0 75 553 35 674 0 0	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994 7/12/1995 8/1/1995 9/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 11/1/1996 11/1/1997 8/1/1997 9/1/1997	0 0 0 0 0 0 0 0 0 75 553 35 674 0 0 54 638	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994 7/12/1995 8/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997 10/1/1997 11/1/1997 7/1/1998 8/1/1998	0 0 0 0 0 0 0 0 0 0 75 553 35 674 0 0 54 638 6,563 0	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	7/1/1994 8/1/1994 9/1/1994 10/1/1994 11/1/1994 7/12/1995 8/1/1995 10/1/1995 11/1/1996 8/1/1996 9/1/1996 10/1/1996 11/1/1997 8/1/1997 10/1/1997 11/1/1997 7/1/1998	0 0 0 0 0 0 0 0 0 0 75 553 35 674 0 0 54 638 6,563 0	

10	11/1/1998	343
10	7/1/1999	0
10	8/1/1999	0
10	9/1/1999	373
10	10/1/1999	844
10	11/1/1999	632
10	7/1/2000	0
10	8/1/2000	0
10	9/1/2000	643
10	10/1/2000	341
10	11/1/2000	32

1	10/10/1002	1.1	0.06	0.01	0.42		
1	10/18/1993 10/27/1993	U	0.06	0.01	0.43	10.00	
			0.03	0.01		10.00	
1	5/16/1994	U	0.03	0.01	0.47	14.50	
1	5/24/1994	U	0.04	0.01	0.40	10.00	
1	6/2/1994	U	0.03	0.01	0.40	18.00	
1	6/15/1994	U	0.04	0.01	0.47	21.60	
1	6/28/1994	U	0.07	0.01	0.71	04.00	
1	7/12/1994	U	0.05	0.02	0.84	24.20	
1	7/27/1994	U	0.13	0.05	0.95	23.80	
1	8/4/1994	U	0.09	0.04	0.40	10.00	
1	9/2/1994	U	0.06	0.01	0.40	18.90	
1	9/21/1994	U	0.05	0.02	0.54	17.80	
1	10/4/1994	U	0.05	0.02	0.89	40.00	
1	10/10/1994	U	0.05	0.01	0.55	12.90	40.00
1	5/12/1995	U	0.04	0.01	0.53	13.30	10.89
1	5/26/1995	U	0.03	0.01	0.31	16.00	9.14
1	6/14/1995	U	0.06	0.02	0.44	19.50	9.63
1	7/12/1995	U	0.08	0.03	0.60	23.50	7.29
1	7/25/1995	U	0.07	0.02	0.58	24.10	14.39
1	8/10/1995	U	0.06	0.02	0.50		
1	8/22/1995	U	0.05	0.01	0.48	23.80	15.55
1	8/30/1995	U	0.07	0.01			
1	9/12/1995	U	0.06	0.01	0.56	17.10	7.87
1	10/3/1995	U	0.05	0.01	0.41	13.90	8.16
1	10/5/1995	U	0.06	0.01			
1	6/11/1996	U	0.04	0.02	0.68	18.80	6.63
1	6/24/1996	U	0.04	0.02	0.66	22.40	3.51
1	7/9/1996	U	0.06	0.03	0.72	21.00	5.56
1	7/22/1996	U	0.06	0.03	0.74	19.80	3.00
1	7/22/1996	U	0.05				
1	8/5/1996	U	0.06	0.03	0.79	21.00	4.13
1	8/19/1996	U	0.04	0.02	0.65	21.50	3.45
1	8/20/1996	U	0.04				
1	9/3/1996	U	0.05	0.01	0.40	21.00	13.46
1	9/10/1996	U	0.05				
1	9/17/1996	U	0.05	0.02	0.48	20.80	4.49
1	9/30/1996	U	0.04	0.01	0.49	16.00	2.73
1	10/1/1996	U	0.05				
1	5/22/1997	U	0.03	0.01	0.47	13.20	6.36
1	6/4/1997	U	0.02				
1	6/4/1997	U	0.03	0.01	0.30	17.20	6.91
1	6/18/1997	U	0.04				
1	6/18/1997	U	0.03	0.02	0.49	19.20	10.91
1	7/2/1997	U	0.04	0.02	0.56	21.50	5.45
1	7/7/1997	U	0.04				
1	7/17/1997	U	0.06	0.02	0.59	22.00	7.91
1	8/1/1997	U	0.04	0.02	0.56	22.30	6.27
1	8/4/1997	U	0.04				
1	8/18/1997	Ū	0.06	0.02	0.49	22.10	3.82
1	8/28/1997	Ū	0.03				
				0.02	0.43	20.80	4.18
1	9/4/1997	U	0.04	0.02	0.43	20.00	4.10

1	9/24/1997	U	0.03						
1	10/8/1997	U	0.03	0.01			0.45	14.70	3.09
1	11/5/1997	U	0.03	0.02			0.57	11.50	0.00
1	4/29/1998	U	0.03	0.02			0.52	10.00	4.47
1	5/12/1998	U	0.06	0.01			0.02	10.00	7.77
1	5/14/1998	U	0.06	0.03			0.42	16.10	4.76
1	5/29/1998	U	0.05	0.03			0.49	21.50	10.94
1	6/10/1998	U	0.03	0.02			0.43	21.50	10.37
1	6/17/1998	U	0.09	0.05			1.19	20.70	0.76
1	7/3/1998	U	0.05	0.03			1.19	20.70	0.70
1	7/7/1998	U	0.05	0.03			0.57	21.10	3.88
1	7/20/1998	U	0.03	0.03			0.54	22.30	5.74
1	7/29/1998	U	0.05	0.01			0.54	22.50	3.17
1	8/3/1998	U	0.03	0.02			0.41	21.80	3.35
1	8/20/1998	U	0.04	0.02			0.56	20.00	0.69
1	8/27/1998	U	0.04	0.04			0.50	20.00	0.03
1	9/1/1998	U	0.04	0.02			0.68	22.00	3.88
1	9/1/1998	U	0.04	0.02			0.00	22.00	3.00
1	9/22/1998	U	0.04	0.01			0.39	18.00	4.24
1	10/7/1998	U	0.04	0.01			บ.วฮ	10.00	4.24
1	4/15/1999	U	0.03	0.01	23.20	5.07	0.44	8.50	4.72
1	5/17/1999	U	0.03	0.01	23.20	5.07	0.44	15.50	7.27
1	5/18/1999	U	0.03	0.01	27.50	6.71	0.32	15.50	1.21
	6/1/1999	U	0.04	0.01	27.50	0.71	0.45	10.20	10.10
1	6/9/1999	U	0.04	0.02			0.49	18.20	10.18
1		U	0.05	0.02			0.42	24.00	11.64
1	6/14/1999	U	0.05	0.02			0.47	21.00 20.80	9.45
	7/1/1999 7/19/1999	U	0.04	0.02	26.80	6.72	0.86		10.18
1	7/19/1999	U	0.05	0.02	27.20		0.56	21.00	10.10
	7/20/1999	U	0.06	0.03	21.20	6.61	0.56	21.80	13.58
1	8/4/1999	U	0.04	0.01			0.44	21.00	13.30
1	8/11/1999	U	0.06	0.03			0.52		6.30
1	8/23/1999	U	0.06	0.02			0.51	21.00	5.09
1	8/25/1999	U	0.04	0.02				21.00	5.09
1	9/7/1999	U	0.04	0.01			0.41 0.38	22.00	12.12
1	9/13/1999	U	0.05					22.00	12.12
1	9/13/1999	U	0.07	0.03 0.04	24.80	5.67	0.38 0.89	16.00	1.09
1	10/7/1999	U	0.07	0.04	24.00	3.07	0.89	13.50	3.64
Lake Location		_			Ca (ma/l)	Ma(ma/l)			
	Date		, , ,		Ca (mg/l)	Mg(mg/l)	, , ,	Temp	Chl-a
2	5/13/1992	U	0.03	0.01			0.63		
2	5/20/1992	U	0.03	0.01			0.58	16.20	
2	6/3/1992	U	0.05	0.01			0.61	17.70	
2	6/16/1992	U	0.05	0.02			0.54	20.30	8.58
2	7/14/1992	U	0.04	0.01			0.54	20.80	
2	7/28/1992	U	0.02	0.01			0.38	21.90	
	1720/1002			0.04			0.42	00.00	
2	8/11/1992	Е	0.03	0.01			0.43	22.00	
2	8/11/1992 8/11/1992	Н	0.02	0.01			0.81	14.90	
2 2	8/11/1992 8/11/1992 8/25/1992	H E	0.02 0.03	0.01 0.01			0.81 0.42	14.90 22.20	13.67
2 2 2	8/11/1992 8/11/1992 8/25/1992 8/25/1992	H E H	0.02 0.03 0.03	0.01 0.01 0.01			0.81 0.42 0.43	14.90 22.20 17.30	13.67
2 2	8/11/1992 8/11/1992 8/25/1992	H E	0.02 0.03	0.01 0.01			0.81 0.42	14.90 22.20	13.67

2 10/6/1992 U 0.04 0.01 0.38 12.80 2 11/20/1992 U 0.03 0.01 0.27 2 11/20/1993 U 0.03 0.01 0.44 2.70 2 4/28/1993 U 0.03 0.01 0.48 8.00 2 5/18/1993 U 0.03 0.01 0.38 15.40 2 6/10/1993 U 0.03 0.01 0.38 15.40 2 6/10/1993 U 0.03 0.01 0.38 2 7/14/1993 U 0.03 0.01 0.38 2 7/14/1993 U 0.03 0.01 0.38 2 7/14/1993 U 0.03 0.01 0.38 2 8/36/1993 E 0.03 0.01 0.33 2 8/36/1993 E 0.03 0.01 0.33 2 8/36/1993 E 0.03 0.01 0.39 2 8/36/1993 E 0.03 0.01 0.39 2 8/36/1993 E 0.03 0.01 0.39 2 8/36/1993 U 0.03 0.01 0.39 2 9/21/1993 E 0.03 0.01 0.39 2 9/21/1993 U 0.03 0.01 0.39 2 9/21/1993 U 0.03 0.01 0.39 2 10/36/1993 U 0.04 0.01 0.37 15.80 2 10/36/1993 U 0.03 0.01 0.38 2 10/36/1994 U 0.03 0.01 0.34 10.00 2 5/24/1994 U 0.03 0.01 0.46 13.50 2 5/24/1994 U 0.03 0.01 0.46 13.50 2 6/28/1994 U 0.05 0.01 0.36 15.90 2 6/28/1994 U 0.05 0.01 0.36 15.90 2 6/28/1994 U 0.03 0.01 0.38 13.40 2 6/28/1994 U 0.03 0.01 0.38 13.00 2 6/28/1994 U 0.03 0.01 0.38 13.00 2 7/27/1994 E 0.02 0.01 0.35 13.00 2 8/34/1994 U 0.03 0.01 0.29 14.10 2 8/34/1994 U 0.03 0.01 0.29 14.10 2 8/34/1994 U 0.03 0.01 0.29 14.10 2 8/34/1994 U 0.03 0.01 0.39 1.29 1.30 2 8/34/1994 U 0.03 0.01 0.39 1.30 2 8/34/1999 U 0.03 0.01 0.39 1.30 2 8/34/1999 U 0.03 0.01 0.39 1.30 2 8/34/1999 U 0.03 0.01 0.0	2	40/6/4000	11	0.04	0.01		0.20	10.00	
2 11/20/1993 U 0.03 0.01 0.41 2.70 2 4/28/1993 U 0.06 0.02 2 5/18/1993 U 0.03 0.01 0.36 15.40 2 6/10/1993 U 0.03 0.01 0.38 2 6/30/1993 U 0.03 0.01 0.38 2 7/14/1993 U 0.03 0.01 0.38 2 8/5/1993 E 0.03 0.01 0.35 2 8/5/1993 E 0.03 0.01 0.35 2 8/26/1993 E 0.03 0.01 0.39 2 8/26/1993 U 0.03 0.01 0.39 2 1 9/2/1993 U 0.04 0.01 0.39 0.29 2 9/2/1993 U 0.04 0.01 0.39 0.29 2 9/2/1993 U 0.04 0.01 0.36 0.39 0.29 2 1 10/2/1993 U 0.03 0.01 0.36 0.39 0.39 0.39 2 1 10/2/1993 U 0.03 0.01 0.36 0.39 0.39 0.39 0.39 0.39 0.39 0.39 0.39								12.80	
2 4/28/1993 U 0.03 0.01 0.38 15.40 2 6/10/1993 U 0.03 0.01 0.38 15.40 2 6/10/1993 U 0.03 0.01 0.38 15.40 2 6/30/1993 U 0.03 0.01 0.38 3 1 0.02 0.40 0.01 0.38 1 0.03 0.01 0.38 1 0.03 0.02 0.40 0.01 0.38 1 0.03 0.02 0.40 0.01 0.33 1 0.02 0.40 0.01 0.33 1 0.03 0.01 0.33 1 0.03 0.01 0.33 1 0.03 0.01 0.33 1 0.03 0.01 0.33 1 0.03 0.01 0.33 1 0.03 0.01 0.33 1 0.03 0.01 0.33 1 0.03 0.01 0.33 1 0.03 0.01 0.39 1 0.03 0.01								0.70	
2									
2 6/10/1993 U 0.04 0.01 0.38									
2 6/30/1993 U 0.03 0.01 0.38 2 7/14/1993 U 0.03 0.02 0.40 0.40 2 8/5/1993 E 0.03 0.01 0.35 2 8/5/1993 H 0.02 0.01 0.35 2 8/5/1993 E 0.03 0.01 0.35 2 8/5/1993 E 0.03 0.01 0.39 2 8/26/1993 U 0.03 0.01 0.39 2 8/26/1993 U 0.03 0.01 0.39 2 2.90 2 9/22/1993 U 0.04 0.01 0.37 15.80 2 10/6/1993 U 0.03 0.01 0.36 2 10/6/1994 U 0.03 0.01 0.36 15.90 2 5/24/1994 U 0.03 0.01 0.36 15.90 2 6/27/1994 U 0.03 0.01 0.36 15.90 2 6/27/1994 U 0.05 0.01 0.36 15.90 2 6/27/1994 U 0.05 0.01 0.36 15.90 2 6/27/1994 E 0.04 0.01 0.36 13.40 2 6/27/1994 E 0.02 0.01 0.36 13.40 2 7/27/1994 E 0.02 0.01 0.28 24.00 2 7/27/1994 E 0.02 0.01 0.28 14.10 2 7/27/1994 E 0.02 0.01 0.28 14.10 2 7/27/1994 E 0.02 0.01 0.35 13.00 2 14.10 2 7/27/1994 U 0.03 0.01 0.35 13.00 2 14.10 0.35 13.00 2 14.10 0.07 0.02 0.01 0.35 13.00 2 14.10 0.07 0.02 0.01 0.35 13.00 2 14.10 0.07 0.02 0.01 0.35 13.00 2 14.10 0.07 0.02 0.01 0.35 13.00 2 14.10 0.07 0.02 0.01 0.36 13.40 0.07 0.02 0.01 0.37 19.00 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.07 0.02 0.05 13.10 0.03 0.01 0.03 0.								15.40	
2 7/14/1993 U 0.03 0.02 0.40 0.33 2 8/5/1993 E 0.03 0.01 0.35 2 8/15/1993 E 0.03 0.01 0.35 2 8/15/1993 E 0.03 0.01 0.39 2 8/15/1993 E 0.03 0.01 0.39 2 8/26/1993 U 0.03 0.01 0.39 2 2 9/2/1993 E 0.03 0.01 0.39 2 2 9/2/1993 U 0.04 0.01 0.37 15.80 2 10/6/1993 U 0.03 0.01 0.36 6 2 10/6/1993 U 0.03 0.01 0.36 6 2 10/6/1993 U 0.03 0.01 0.32 2 10/27/1993 U 0.03 0.01 0.34 10.00 2 5/10/1994 U 0.03 0.01 0.34 10.00 2 5/10/1994 U 0.03 0.01 0.36 15.90 2 5/24/1994 U 0.05 0.01 0.36 15.90 2 6/27/1994 E 0.04 0.01 0.36 15.90 2 6/15/1994 U 0.03 0.01 0.36 13.40 2 6/28/1994 U 0.03 0.02 0.43 22.00 2 7/12/1994 E 0.02 0.01 0.28 24.00 2 7/12/1994 E 0.02 0.01 0.28 24.00 2 7/12/1994 E 0.02 0.01 0.28 24.00 2 7/12/1994 U 0.05 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.35 13.00 2 8/4/1994 U 0.05 0.01 0.35 13.00 2 9/2/1994 U 0.06 0.01 0.37 19.00 2 9/2/1994 U 0.07 0.02 0.57 2 10/5/1995 U 0.04 0.01 0.048 18.80 0.01 0.29 24.00 4.08 17/2/1995 E 0.02 0.01 0.36 18.80 0.01 0.27 17.80 2 17/2/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 E 0.04 0.02 0.01 0.36 16.80 12.44 2 9/2/1995 U 0.04 0.02 0.03 0.0									
2 8/6/1993									
2 8/5/1993 H 0.02 0.01 0.35 2 8/26/1993 E 0.03 0.01 0.39 2 9/2/1993 E 0.03 0.01 0.39 2 9/2/1993 E 0.03 0.01 0.37 15.80 2 10/6/1993 U 0.03 0.01 0.37 15.80 2 10/6/1993 U 0.03 0.01 0.36 2 10/6/1993 U 0.03 0.01 0.36 2 10/6/1993 U 0.03 0.01 0.34 10.00 2 10/6/1993 U 0.03 0.01 0.34 10.00 2 5/10/1994 U 0.03 0.01 0.34 10.00 2 6/2/1994 U 0.03 0.01 0.36 15.90 2 6/2/1994 U 0.05 0.01 0.36 15.90 2 6/2/1994 U 0.05 0.01 0.36 13.40 2 6/2/1994 U 0.03 0.01 0.36 13.40 2 6/2/1994 E 0.04 0.01 0.36 13.40 2 6/2/1994 E 0.04 0.01 0.36 13.40 2 6/2/1994 U 0.03 0.01 0.36 13.40 2 7/12/1994 E 0.02 0.01 0.36 13.40 2 8/4/1994 U 0.03 0.02 0.43 22.00 2 7/12/1994 E 0.02 0.01 0.28 24.00 2 7/12/1994 H 0.02 0.01 0.29 14.10 2 7/27/1994 H 0.02 0.01 0.35 24.80 2 7/27/1994 H 0.02 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.36 13.40 2 9/2/1994 U 0.03 0.01 0.36 13.40 2 10/4/1994 U 0.03 0.01 0.39 13.40 2 11/3/1994 E 0.02 0.01 0.29 14.10 2 7/27/1994 F 0.02 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.35 13.00 2 8/4/1994 U 0.07 0.01 0.35 13.00 2 8/4/1994 U 0.07 0.01 0.38 18.80 2 9/2/1994 U 0.06 0.01 0.37 19.00 2 9/2/1994 U 0.06 0.01 0.37 19.00 2 9/2/1994 U 0.07 0.02 0.57 2 11/3/1994 U 0.07 0.02 0.57 2 10/4/1994 U 0.07 0.02 0.57 2 11/3/1994 U 0.07 0.02 0.59 23.00 4.67 2 11/3/1995 E 0.02 0.01 0.33 0.01 0.29 23.00 4.67 2 7/25/1995 E 0.03 0.01 0.29 23.00 4.67 2 8/22/1995 U 0.03 0.01 0.39 15.20 2 8/22/1995 U 0.03 0.01 0.39 15.20 2 8/22/1995 U 0.03 0.01 0.39 15.20 2 8/22/1995 U 0.04 0.02 0.01 0.33 15.90 4.69 2 8/22/1995 U 0.04 0.02 0.01 0.38 15.90 6.12 2 8/22/1995 U 0.04 0.02 0.03 0.01 0.04 2.06 0.29 23.00 4.67 2 8/22/1995 U 0.04 0.02 0.03 0.01 0.48 2 8/22/1995 U 0.04 0.02 0.03 0.01 0.48 2 8/22/1995 U 0.04 0.02 0.04 0.04 0.02 0.36 15.00 4.96 2 8/22/1995 U 0.04 0.02 0.01 0.48 2 8/22/1996 H 0.03 0.01 0.04 0.04 0.04									
2 8/18/1993 E 0.03 0.01 0.39 22.90 2 9/2/1993 E 0.03 0.01 0.39 22.90 2 9/2/1993 E 0.03 0.01 0.39 22.90 2 9/2/1993 U 0.04 0.01 0.37 15.80 2 10/18/1993 U 0.03 0.01 0.36 6 2 10/18/1993 U 0.03 0.01 0.36 6 2 10/18/1993 U 0.03 0.01 0.32 2 10/18/1993 U 0.03 0.01 0.32 2 10/18/1993 U 0.03 0.01 0.34 10.00 2 5/24/1994 U 0.03 0.01 0.34 10.00 2 5/24/1994 U 0.03 0.01 0.36 15.90 2 6/2/1994 U 0.03 0.01 0.36 15.90 2 6/15/1994 E 0.04 0.01 0.36 15.90 2 6/15/1994 E 0.04 0.01 0.36 13.40 2 6/28/1994 U 0.03 0.02 0.43 22.00 2 7/12/1994 E 0.02 0.01 0.28 24.00 2 7/12/1994 H 0.02 0.01 0.35 24.80 2 7/27/1994 H 0.02 0.01 0.35 24.80 2 7/27/1994 U 0.03 0.01 0.35 24.80 2 7/27/1994 U 0.03 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.35 24.80 2 7/27/1994 U 0.03 0.01 0.35 24.80 2 7/27/1994 U 0.03 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.35 13.00 2 9/2/1994 U 0.03 0.01 0.35 13.00 2 9/2/1994 U 0.06 0.01 0.37 19.00 2 9/2/1994 U 0.06 0.01 0.37 19.00 2 9/2/1994 U 0.06 0.01 0.37 19.00 0.52 13.10 0.37 19.00 2 9/2/1994 U 0.06 0.01 0.37 19.00 0.52 13.10 0.52 13.10 0.07 0.02 0.55 13.10 0.07 0.00 0.00 0.00 0.00 0.00 0.00 0									
2 8/26/1993 U 0.03 0.01 0.39 22.90 2 9/2/1993 E 0.03 0.01 0.39 22.90 2 9/2/1993 U 0.04 0.01 0.37 15.80 2 10/6/1993 U 0.04 0.01 0.37 15.80 2 10/6/1993 U 0.03 0.01 0.32 2 10/27/1993 U 0.03 0.01 0.32 2 10/27/1993 U 0.03 0.01 0.32 2 10/27/1993 U 0.03 0.01 0.34 10.00 2 5/10/1994 U 0.03 0.01 0.46 13.50 2 5/24/1994 U 0.03 0.01 0.46 13.50 2 5/24/1994 U 0.03 0.01 0.36 13.60 2 6/2/1994 U 0.05 0.01 0.36 15.90 2 6/28/1994 U 0.05 0.01 0.36 13.40 0.3									
2 9/2/1993							0.39		
2 9/22/1993 U 0.04 0.01 0.37 15.80 2 10/6/1993 U 0.03 0.01 0.36							0.20	22.00	
2 10/6/1993 U 0.03 0.01 0.36 2 10/18/1993 U 0.03 0.01 0.32 2 10/18/1993 U 0.03 0.01 0.34 10.00 2 5/10/1994 U 0.03 0.01 0.34 10.00 2 5/24/1994 U 0.03 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 15.90 0.01 0.36 13.40 0.03 0.01 0.36 13.40 0.03 0.01 0.36 13.40 0.03 0.01 0.36 13.40 0.03 0.02 0.43 22.00 0.01 0.28 24.00 0.01 0.29 14.10 0.03 0.02 0.01 0.28 24.00 0.01 0.29 14.10 0.02 0.01 0.29 14.10 0.02 0.01 0.35 13.00 0.02 0.35 13.00 0.02 0.01 0.35 13.00 0.02 0.01 0.35 13.00 0.01 0.35 0.02 0.01 0.35 13.00 0.01 0.03 0.01 0.048 18.80 0.05 0.05 0.05 0.05 0.05 0.05 0.05									
2								15.80	
2									
2 5/10/1994 U 0.03 0.01 0.46 13.50 2 5/24/1994 U 0.03 0.01 0.36 15.90 2 6/2/1994 E 0.04 0.01 0.49 23.20 2 6/15/1994 H 0.03 0.01 0.36 13.40 2 6/28/1994 U 0.03 0.01 0.36 13.40 2 6/28/1994 U 0.03 0.02 0.43 22.00 2 7/12/1994 E 0.02 0.01 0.28 24.00 2 7/12/1994 H 0.02 0.01 0.29 14.10 2 7/27/1994 H 0.02 0.01 0.35 24.80 2 7/27/1994 H 0.02 0.01 0.35 24.80 2 7/27/1994 H 0.02 0.01 0.35 24.80 2 7/27/1994 H 0.02 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.37 19.00 2 9/2/1994 U 0.03 0.01 0.37 19.00 2 9/2/1994 U 0.07 0.01 0.48 18.80 2 10/4/1994 U 0.07 0.01 0.48 18.80 2 10/4/1994 U 0.07 0.02 0.57 2 11/3/1994 U 0.07 0.02 0.57 2 11/3/1994 U 0.04 0.01 0.47 9.10 2 5/4/1995 E 0.02 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.43 14.20 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 E 0.03 0.01 0.27 17.80 2 8/30/1995 E 0.03 0.01 0.27 15.20 2 8/30/1995 U 0.04 0.02 2 9/21/1995 U 0.04 0.02 2 9/21/1995 U 0.04 0.02 2 9/21/1995 U 0.04 0.02 2 8/30/1995 U 0.04 0.02 2 8/30/1995 U 0.04 0.02 2 9/21/1995 U 0.04 0.02 2 9/21/1996 U 0.03 0.01 0.48 21.00 4.68								10.00	
2 5/24/1994 U 0.03 0.01 0.36 15.90 2 6/21/1994 U 0.05 0.01 0.36 15.90 2 6/15/1994 E 0.04 0.01 0.49 23.20 2 6/15/1994 H 0.03 0.01 0.36 13.40 2 6/28/1994 U 0.03 0.02 0.43 22.00 2 7/12/1994 E 0.02 0.01 0.28 24.00 2 7/12/1994 H 0.02 0.01 0.29 14.10 2 7/27/1994 E 0.02 0.01 0.35 24.80 2 7/27/1994 H 0.02 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 2 9/2/1994 U 0.06 0.01 0.37 19.00 2 9/2/1994 U 0.06 0.01 0.37 19.00 2 9/2/1994 U 0.07 0.01 0.48 18.80 2 10/4/1994 U 0.07 0.02 0.57 2 10/5/1994 U 0.07 0.02 0.57 2 11/3/1994 U 0.07 0.02 0.52 13.10 2 11/3/1994 U 0.07 0.02 0.55 13.10 2 11/3/1994 U 0.07 0.02 0.55 13.10 2 11/3/1994 U 0.07 0.02 0.55 13.10 2 11/3/1995 E 0.02 0.01 0.47 9.10 2 5/4/1995 E 0.03 0.01 0.47 9.10 2 6/22/1995 H 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 8/22/1995 U 0.03 0.01 0.29 24.00 4.08 2 8/22/1995 U 0.03 0.01 0.29 24.00 4.08 2 8/22/1995 U 0.03 0.01 0.29 23.00 4.67 2 8/22/1995 U 0.03 0.01 0.33 15.90 6.12 2 8/22/1995 U 0.04 0.02 0.01 0.33 15.90 6.12 2 8/22/1995 U 0.04 0.02 0.03 0.01 0.48 21.00 4.96 2 9/20/1995 U 0.04 0.02 0.03 0.01 0.48 21.00 4.68 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 6/24/1996 E 0.03 0.01 0.48 21.00 4.68 2 6/24/1996 H 0.02 0.01 0.48 21.00 4.68 2 7/9/1996 H 0.03 0.01 0.04 0.04 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.04 0.04 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.04 0.04 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.04 0.04 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.04 0.04 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.04 0.04 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.04 0.04 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.04									
2 6/2/1994 U 0.05 0.01 0.36 15.90 2 6/15/1994 E 0.04 0.01 0.49 23.20 2 6/15/1994 H 0.03 0.01 0.36 13.40 2 6/28/1994 U 0.03 0.02 0.43 22.00 2 7/12/1994 E 0.02 0.01 0.28 24.00 2 7/12/1994 H 0.02 0.01 0.29 14.10 2 7/27/1994 H 0.02 0.01 0.35 24.80 2 7/27/1994 H 0.02 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 2 8/4/1994 U 0.03 0.01 2 8/4/1994 U 0.03 0.01 2 9/21/1994 U 0.06 0.01 0.37 19.00 2 9/21/1994 U 0.07 0.01 0.48 18.80 2 10/4/1994 U 0.07 0.01 0.48 18.80 2 11/3/1994 U 0.07 0.02 0.57 13.10 2 11/3/1994 U 0.07 0.02 0.57 13.10 2 11/3/1994 U 0.07 0.02 0.57 13.10 2 11/3/1994 U 0.07 0.02 0.52 13.10 2 11/3/1995 E 0.02 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.34 20.20 5.05 2 7/12/1995 H 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 U 0.03 0.01 0.27 17.80 2 7/25/1995 U 0.03 0.01 0.29 23.00 4.67 2 8/20/1995 U 0.03 0.01 0.29 23.00 4.67 2 8/21/1995 U 0.03 0.01 0.29 23.00 4.67 2 7/25/1995 U 0.03 0.01 0.29 23.00 4.67 2 7/25/1995 U 0.03 0.01 0.29 23.00 4.67 2 8/21/1995 U 0.03 0.01 0.29 23.00 4.67 2 8/21/1995 U 0.03 0.01 0.29 23.00 4.67 2 8/21/1995 U 0.03 0.01 0.33 22.60 4.37 2 8/21/1995 U 0.03 0.01 0.33 15.90 6.12 2 9/21/1995 U 0.04 0.02 0.36 15.00 4.96 2 9/21/1995 U 0.04 0.02 0.33 15.90 6.12 2 6/11/1996 E 0.02 0.01 0.48 21.00 4.68 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 6/24/1996 E 0.03 0.01 0.40 21.60 11.71							0.46	13.50	
2 6/15/1994							0.00	45.00	
2 6/15/1994 H 0.03 0.01 0.36 13.40 22 6/28/1994 U 0.03 0.02 0.43 22.00 2 7/12/1994 E 0.02 0.01 0.29 14.10 2 7/12/1994 H 0.02 0.01 0.29 14.10 0.35 24.80 2 7/12/1994 H 0.02 0.01 0.35 24.80 2 7/12/1994 H 0.02 0.01 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.35 13.00 0.37 19.00 0.38 13.30 0.30 0.38 13.30 0.35									
2 6/28/1994 U 0.03 0.02 0.43 22.00 2 7/12/1994 E 0.02 0.01 0.28 24.00 0 2 7/12/1994 H 0.02 0.01 0.29 14.10 0.29 14.10 0.29 17/12/1994 H 0.02 0.01 0.35 24.80 0 2 7/27/1994 H 0.02 0.01 0.35 13.00 0.35 13.00 0 0.35 24.80 0 0.37 29.00 0 0.29 24.00 4.08 22.00 27/25/1995 E 0.03 0.01 0.29 23.00 4.67 22.00 27/25/1995 H 0.03 0.01 0.29 23.00 4.67 22.00 27/25/1995 U 0.03 0.01 0.29 23.00 4.67 22.00 28/22/1995 U 0.03 0.01 0.33 22.60 4.37 22.00 28/22/1995 U 0.04 0.02 0.01 0.33 22.60 4.37 22.00 29/22/1995 U 0.04 0.02 0.01 0.33 22.60 4.37 22.00 29/22/1995 U 0.04 0.02 0.01 0.33 15.90 6.12 22.00 29/22/1995 U 0.04 0.02 0.33 15.90 6.12 22.00 29/22/1995 U 0.04 0.02 0.33 15.90 6.12 22.00 29/22/1995 U 0.04 0.02 0.33 15.90 6.12 22.00 26/24/1996 E 0.02 0.01 0.48 21.00 4.68 22.00 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 22.00 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 22.00 6/24/1996 E 0.02 0.01 0.44 22.00 0.44 22.00 0.44 0.02 0.01 0.48 21.00 4.68 22.00 6/24/1996 E 0.02 0.01 0.44 0.02 0.01 0.48 21.00 4.68 22.00 6/24/1996 E 0.03 0.01 0.04 0.04 0.04 0.04 0.04 0.04 0.04									
2 7/12/1994 E 0.02 0.01 0.28 24.00 2 7/12/1994 H 0.02 0.01 0.29 14.10 2 7/27/1994 E 0.02 0.01 0.35 13.00 2 7/27/1994 H 0.02 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.37 19.00 2 9/2/1994 U 0.06 0.01 0.37 19.00 2 9/2/1/1994 U 0.07 0.01 0.48 18.80 2 10/4/1994 U 0.07 0.02 0.57 2 10/5/1994 U 0.07 0.02 0.52 13.10 2 10/5/1994 U 0.07 0.02 0.52 13.10 2 11/3/1994 U 0.04 0.01 0.47 9.10 2 5/4/1995 E 0.02 0.01 0.43 14.20									
2 7/12/1994 H 0.02 0.01 0.29 14.10 2 7/27/1994 E 0.02 0.01 0.35 24.80 2 7/27/1994 H 0.02 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.37 19.00 2 9/2/1994 U 0.06 0.01 0.37 19.00 2 9/2/1994 U 0.06 0.01 0.37 19.00 2 9/2/1994 U 0.07 0.01 0.48 18.80 2 10/4/1994 U 0.07 0.02 0.57									
2 7/27/1994 E 0.02 0.01 0.35 24.80 2 7/27/1994 H 0.02 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 2 9/2/1994 U 0.06 0.01 0.37 19.00 2 9/2/1994 U 0.07 0.01 0.48 18.80 2 9/2/1994 U 0.07 0.01 0.48 18.80 2 10/4/1994 U 0.07 0.02 0.57 0.57 2 10/5/1994 U 0.07 0.02 0.52 13.10 2 11/3/1994 U 0.04 0.01 0.47 9.10 2 5/4/1995 E 0.02 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.34 20.20 5.05 2 7/12/1995 E 0.03 0.01 0.29 24.00									
2 7/27/1994 H 0.02 0.01 0.35 13.00 2 8/4/1994 U 0.03 0.01 0.37 19.00 2 9/21/1994 U 0.06 0.01 0.37 19.00 2 9/21/1994 U 0.07 0.02 0.57 2 10/4/1994 U 0.07 0.02 0.52 13.10 2 11/3/1994 U 0.04 0.01 0.47 9.10 2 11/3/1994 U 0.04 0.01 0.47 9.10 2 5/4/1995 E 0.02 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.34 20.20 5.05 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 H 0.03 0.01									
2 8/4/1994 U 0.03 0.01 0.37 19.00 2 9/2/1/1994 U 0.06 0.01 0.37 19.00 2 9/2/1/1994 U 0.07 0.01 0.48 18.80 2 10/4/1994 U 0.07 0.02 0.57 2 10/5/1994 U 0.07 0.02 0.52 13.10 2 11/3/1994 U 0.04 0.01 0.47 9.10 2 5/4/1995 E 0.02 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.34 20.20 5.05 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 H 0.03 0.01 0.27 15.20 2 8/10/1995 U 0.03 0.01									
2 9/2/1994 U 0.06 0.01 0.37 19.00 2 9/2/1/1994 U 0.07 0.01 0.48 18.80 2 10/4/1994 U 0.07 0.02 0.57 2 10/5/1994 U 0.07 0.02 0.52 13.10 2 11/3/1994 U 0.04 0.01 0.47 9.10 2 5/4/1995 E 0.02 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.34 20.20 5.05 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 H 0.03 0.01 0.27 15.20 2 8/10/1995 H 0.03 0.01 0.27 15.20 2 8/10/1995 U 0.02 0.01							0.35	13.00	
2 9/21/1994 U 0.07 0.01 0.48 18.80 2 10/4/1994 U 0.07 0.02 0.57 2 10/5/1994 U 0.07 0.02 0.52 13.10 2 11/3/1994 U 0.04 0.01 0.47 9.10 2 5/4/1995 E 0.02 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.34 20.20 5.05 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 H 0.03 0.01 0.29 24.00 4.08 2 7/25/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 H 0.03 0.01 0.27 15.20 2 8/10/1995 H 0.03 0.01 0.27 15.20 2 8/22/1995 U 0.02 0.01 0.33 22.60 4.37 2 8/22/1995 U									
2 10/4/1994 U 0.07 0.02 0.57 2 10/5/1994 U 0.07 0.02 0.52 13.10 2 11/3/1994 U 0.04 0.01 0.47 9.10 2 5/4/1995 E 0.02 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.34 20.20 5.05 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 H 0.03 0.01 0.29 24.00 4.08 2 7/25/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 H 0.03 0.01 0.29 23.00 4.67 2 7/25/1995 H 0.03 0.01 0.29 23.00 4.67 2 8/10/1995 U 0.03 0.01 0.59 0.33 22.60 4.37 2 8/2/1995 U 0.02 0.01 0.36 16.80 12.44									
2 10/5/1994 U 0.07 0.02 0.52 13.10 2 11/3/1994 U 0.04 0.01 0.47 9.10 2 5/4/1995 E 0.02 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.34 20.20 5.05 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 E 0.03 0.01 0.29 23.00 4.67 2 7/25/1995 H 0.03 0.01 0.29 23.00 4.67 2 7/25/1995 H 0.03 0.01 0.27 15.20 2 8/22/1995 U 0.03 0.01 0.59 2 8/22/1995 U 0.02 0.01 0.33 22.60 4.37 2 8/30/1995 E 0.04 0.02 0.36 16.80 12.44 2								18.80	
2 11/3/1994 U 0.04 0.01 0.47 9.10 2 5/4/1995 E 0.02 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.34 20.20 5.05 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 E 0.03 0.01 0.29 23.00 4.67 2 7/25/1995 H 0.03 0.01 0.27 15.20 2 8/10/1995 U 0.03 0.01 0.27 15.20 2 8/22/1995 U 0.02 0.01 0.59 0.22 2 8/30/1995 E 0.04 0.02 0.01 0.33 22.60 4.37 2 9/12/1995 U 0.04 0.02 0.36 16.80 12.44 2 9/12/1995 U 0.04 0.02 0.36 15.00 4.96 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
2 5/4/1995 E 0.02 0.01 0.43 14.20 2 6/22/1995 U 0.03 0.01 0.34 20.20 5.05 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 E 0.03 0.01 0.29 23.00 4.67 2 7/25/1995 H 0.03 0.01 0.27 15.20 2 8/10/1995 U 0.03 0.01 0.59 0.00 2 8/22/1995 U 0.02 0.01 0.33 22.60 4.37 2 8/30/1995 E 0.04 0.02 0.01 0.36 16.80 12.44 2 9/12/1995 U 0.04 0.02 0.36 15.00 4.96 2 9/12/1995 U 0.04 0.02 0.36 15.00 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
2 6/22/1995 U 0.03 0.01 0.34 20.20 5.05 2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 E 0.03 0.01 0.29 23.00 4.67 2 7/25/1995 H 0.03 0.01 0.27 15.20 2 8/10/1995 U 0.03 0.01 0.59 2 8/22/1995 U 0.02 0.01 0.33 22.60 4.37 2 8/30/1995 E 0.04 0.02 0.01 0.36 16.80 12.44 2 9/12/1995 U 0.04 0.02 0.36 15.00 4.96 2 9/12/1995 U 0.04 0.02 0.36 15.00 4.96 2 9/20/1995 U 0.04 0.02 0.36 15.00 4.96 2 10/3/1995 U 0.03 0.02 0.33 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
2 7/12/1995 E 0.03 0.01 0.29 24.00 4.08 2 7/12/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 E 0.03 0.01 0.29 23.00 4.67 2 7/25/1995 H 0.03 0.01 0.27 15.20 2 8/10/1995 U 0.03 0.01 0.59 2 8/22/1995 U 0.02 0.01 0.33 22.60 4.37 2 8/30/1995 E 0.04 0.02 0.33 22.60 4.37 2 9/12/1995 U 0.04 0.02 0.36 16.80 12.44 2 9/20/1995 U 0.04 0.02 0.36 15.00 4.96 2 10/3/1995 U 0.04 0.02 0.33 15.90 6.12 2 10/3/1995 U 0.03 0.02 0.33 15.90 6.12 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
2 7/12/1995 H 0.03 0.01 0.27 17.80 2 7/25/1995 E 0.03 0.01 0.29 23.00 4.67 2 7/25/1995 H 0.03 0.01 0.27 15.20 2 8/10/1995 U 0.03 0.01 0.59 2 8/22/1995 U 0.02 0.01 0.33 22.60 4.37 2 8/30/1995 E 0.04 0.02 0.01 0.33 22.60 4.37 2 9/12/1995 U 0.04 0.02 0.03 16.80 12.44 2 9/20/1995 U 0.04 0.02 0.36 15.00 4.96 2 9/20/1995 U 0.04 0.02 0.36 15.00 4.96 2 10/3/1995 U 0.03 0.02 0.33 15.90 6.12 2 10/5/1995 U 0.04 0.02 0.42 0.42 2 6/11/1996 U 0.03 0.01 0.46 20.60 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
2 7/25/1995 E 0.03 0.01 0.29 23.00 4.67 2 7/25/1995 H 0.03 0.01 0.27 15.20 2 8/10/1995 U 0.03 0.01 0.59 2 8/22/1995 U 0.02 0.01 0.33 22.60 4.37 2 8/30/1995 E 0.04 0.02 0.33 16.80 12.44 2 9/12/1995 U 0.04 0.01 0.36 16.80 12.44 2 9/20/1995 U 0.04 0.02 0.36 15.00 4.96 2 10/3/1995 U 0.03 0.02 0.33 15.90 6.12 2 10/5/1995 U 0.04 0.02 0.42 0.42 2 6/11/1996 U 0.03 0.01 0.46 20.60 6.24 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 7/9/1996 H 0.03 0.01 0.40 21.60 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>4.08</th>									4.08
2 7/25/1995 H 0.03 0.01 0.27 15.20 2 8/10/1995 U 0.03 0.01 0.59 2 8/22/1995 U 0.02 0.01 0.33 22.60 4.37 2 8/30/1995 E 0.04 0.02 0.36 16.80 12.44 2 9/20/1995 U 0.04 0.01 0.36 15.00 4.96 2 9/20/1995 U 0.04 0.02 0.36 15.00 4.96 2 10/3/1995 U 0.03 0.02 0.33 15.90 6.12 2 10/5/1995 U 0.04 0.02 0.42 0.42 2 6/11/1996 U 0.03 0.01 0.46 20.60 6.24 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 7/9/1996 H 0.03 0.01 0.40 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34 0.34									
2 8/10/1995 U 0.03 0.01 0.59 2 8/22/1995 U 0.02 0.01 0.33 22.60 4.37 2 8/30/1995 E 0.04 0.02 0.36 16.80 12.44 2 9/12/1995 U 0.04 0.02 0.36 15.00 4.96 2 9/20/1995 U 0.04 0.02 0.36 15.00 4.96 2 10/3/1995 U 0.03 0.02 0.33 15.90 6.12 2 10/5/1995 U 0.04 0.02 0.42 0.42 2 6/11/1996 U 0.03 0.01 0.46 20.60 6.24 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 7/9/1996 E 0.03 0.01 0.40 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34 0.34									4.67
2 8/22/1995 U 0.02 0.01 0.33 22.60 4.37 2 8/30/1995 E 0.04 0.02 0.36 16.80 12.44 2 9/20/1995 U 0.04 0.02 0.36 15.00 4.96 2 10/3/1995 U 0.03 0.02 0.33 15.90 6.12 2 10/5/1995 U 0.04 0.02 0.42 0.42 2 6/11/1996 U 0.03 0.01 0.46 20.60 6.24 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 6/24/1996 H 0.02 0.01 0.48 21.00 4.68 2 7/9/1996 H 0.03 0.01 0.40 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34 0.34								15.20	
2 8/30/1995 E 0.04 0.02 0.36 16.80 12.44 2 9/20/1995 U 0.04 0.02 0.36 15.00 4.96 2 10/3/1995 U 0.03 0.02 0.33 15.90 6.12 2 10/5/1995 U 0.04 0.02 0.42 0.42 2 6/11/1996 U 0.03 0.01 0.46 20.60 6.24 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 7/9/1996 E 0.03 0.01 0.48 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34 0.40 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34 0.34 0.34								00.55	
2 9/12/1995 U 0.04 0.01 0.36 16.80 12.44 2 9/20/1995 U 0.04 0.02 0.36 15.00 4.96 2 10/3/1995 U 0.03 0.02 0.33 15.90 6.12 2 10/5/1995 U 0.04 0.02 0.42 0.42 2 6/11/1996 U 0.03 0.01 0.46 20.60 6.24 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 7/9/1996 H 0.02 0.01 0.40 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34 0.34 0.34							0.33	22.60	4.37
2 9/20/1995 U 0.04 0.02 0.36 15.00 4.96 2 10/3/1995 U 0.03 0.02 0.33 15.90 6.12 2 10/5/1995 U 0.04 0.02 0.42 0.42 2 6/11/1996 U 0.03 0.01 0.46 20.60 6.24 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 6/24/1996 H 0.02 0.01 0.48 0.48 0.40 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34 0.34 0.34								10.55	10
2 10/3/1995 U 0.03 0.02 0.33 15.90 6.12 2 10/5/1995 U 0.04 0.02 0.42 2 6/11/1996 U 0.03 0.01 0.46 20.60 6.24 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 6/24/1996 H 0.02 0.01 0.48 0.48 2 7/9/1996 E 0.03 0.01 0.40 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34 0.34									
2 10/5/1995 U 0.04 0.02 0.42 0.42 2 6/11/1996 U 0.03 0.01 0.46 20.60 6.24 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 6/24/1996 H 0.02 0.01 0.48 0.48 2 7/9/1996 E 0.03 0.01 0.40 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34 0.34									
2 6/11/1996 U 0.03 0.01 0.46 20.60 6.24 2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 6/24/1996 H 0.02 0.01 0.48 0.48 2 7/9/1996 E 0.03 0.01 0.40 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34 0.34								15.90	6.12
2 6/24/1996 E 0.02 0.01 0.48 21.00 4.68 2 6/24/1996 H 0.02 0.01 0.48 0.48 2 7/9/1996 E 0.03 0.01 0.40 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34 0.34								00.55	0.5
2 6/24/1996 H 0.02 0.01 0.48 2 7/9/1996 E 0.03 0.01 0.40 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34 0.34									
2 7/9/1996 E 0.03 0.01 0.40 21.60 11.71 2 7/9/1996 H 0.03 0.01 0.34								21.00	4.68
2 7/9/1996 H 0.03 0.01 0.34									
								21.60	11.71
2 7/22/1996 U 0.03 0.01 0.48 19.00 9.81									
	2	7/22/1996	U	0.03	0.01		0.48	19.00	9.81

2 8/5/1996 E 0.03 0.01 0.71 23.20 8.78 2 8/5/1996 H 0.02 0.02 0.52 2 8/20/1996 U 0.03 0.01 0.46 21.80 4.68 2 8/20/1996 U 0.03 0.01 0.46 21.80 4.68 2 8/20/1996 U 0.03 0.01 0.56 20.30 7.02 2 9/3/1996 U 0.03 0.01 0.56 20.30 7.02 2 9/3/1996 U 0.03 0.01 0.56 20.30 7.02 2 9/3/1996 U 0.03 0.01 0.38 20.80 2.54 2 9/30/1999 U 0.03 0.01 0.38 20.80 2.54 2 9/30/1999 U 0.04 0.03 0.01 0.38 20.80 2.54 2 9/30/1996 U 0.04 0.03 0.01 0.38 20.80 2.54 2 9/30/1996 U 0.04 0.03 0.04 7 16.80 2.30 2 10/1/1996 U 0.02 0.09 0.34 12.70 1.41 2 6/4/1997 E 0.02 0.00 0.33 16.60 6.18 2 6/4/1997 U 0.02 0.00 0.33 16.60 6.18 2 6/4/1997 H 0.01 0.00 0.33 2 6/4/1997 E 0.03 0.01 0.44 17.70 3.64 2 6/18/1997 E 0.03 0.01 0.44 17.70 3.64 2 6/18/1997 E 0.03 0.01 0.44 17.70 3.64 2 6/18/1997 U 0.03 2 7/2/1997 E 0.02 0.01 0.50 0.50 2 7/2/1997 E 0.02 0.01 0.50 0.50 2 7/1/1997 E 0.02 0.01 0.42 0.50 2 7/1/1997 E 0.02 0.01 0.42 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.5	2	7/22/1996	U	0.03					
2 8/6/1996 U 0.03 0.01 0.46 21.80 4.68 2 8/20/1996 U 0.03 0.01 0.46 21.80 4.68 2 8/20/1996 U 0.03 0.01 0.56 20.30 7.02 2 8/20/1996 U 0.03 0.01 0.56 20.30 7.02 2 9/30/1996 U 0.03 0.01 0.38 20.80 2.54 2 9/30/1996 U 0.03 0.01 0.38 20.80 2.54 2 9/30/1996 U 0.04 0.03 0.01 0.38 20.80 2.54 2 9/30/1996 U 0.04 0.03 0.01 0.38 20.80 2.54 2 10/1/1996 U 0.04 0.03 0.01 0.38 20.80 2.54 2 10/1/1996 U 0.04 0.03 0.01 0.38 12.70 1.41 2 6/4/1997 E 0.02 0.09 0 0.34 12.70 1.41 2 6/4/1997 E 0.02 0.00 0 0.30 16.60 6.18 0.23 0 0.2 6/4/1997 U 0.02 0.00 0 0.38 0 0.34 12.70 1.41 0.01 0.00 0.38 0 0.34 12.70 1.41 0.01 0.00 0.38 0 0.34 12.70 1.41 0.01 0.00 0.38 0 0.34 0.34 0.34 0.34 0.34 0.34 0.34 0.					0.01	0	71	23.20	8 78
2 8/20/1996 U 0.03 0.01 0.46 21.80 4.68 2 8/20/1996 U 0.03 0.01 0.56 20.30 7.02 2 9/31/1996 U 0.03 0.01 0.56 20.30 7.02 2 9/10/1996 U 0.03 0.01 0.38 20.80 2.54 2 9/30/1996 U 0.04 0.03 0.47 18.80 2.30 2 10/11/1996 U 0.04 0.03 0.47 18.80 2.30 14/1996 U 0.04 0.03 0.47 18.80 2.30 14/1996 U 0.04 0.03 0.47 18.80 2.30 14/1996 U 0.04 0.05 0.09 0.34 12.70 1.41 2 6/4/1997 E 0.02 0.00 0.30 16.60 6.18 12.70 1.41 12.80 14/1997 U 0.02 0.00 0 0.30 16.60 6.18 14/1997 U 0.02 0.00 0 0.30 16.60 6.18 14/1997 E 0.03 0.01 0.04 17.70 3.64 17.70 3.70 3.70 3.70 3.70 3.70 3.70 3.70								20.20	0.70
2 8/20/1996 U 0.03 0.01 0.56 20.30 7.02 2 9/31/1996 U 0.03 0.01 0.56 20.30 7.02 2 9/10/1996 U 0.03 0.01 0.38 20.80 2.54 2 9/30/1996 U 0.04 0.03 0.01 0.38 20.80 2.54 2 9/30/1996 U 0.04 0.03 0.04 18.02 2.30 2.54 10/11/1996 U 0.04 0.03 0.04 12.70 1.41 2 6/4/1997 E 0.02 0.09 0 0.34 12.70 1.41 2 6/4/1997 H 0.01 0.00 0.38 16.60 6.18 2 6/4/1997 U 0.02 0.00 0 0.30 16.60 6.18 2 6/4/1997 U 0.02 0.01 0.38 16.60 6.18 16.10 16.18 16.10 16.18 16.10 16.18 16.10 16.18 16.10 16.18 16.10 16.18 16.10 16.18 16.10 16.18 16.10 16.18 16.10 16.18 16.10 16.18 16.10 16.18 16.10 16.18 16.10 16.18 16.18 16.18 16.18 16.18 16.1								21.80	4 68
2 9/3/1996 U 0.03 0.01 0.56 20.30 7.02 2 9/16/1996 U 0.03 0.01 0.38 20.80 2.54 2 9/16/1996 U 0.04 0.03 0.01 0.38 20.80 2.54 2 9/30/1996 U 0.04 0.03 0.01 0.38 20.80 2.54 2 9/30/1996 U 0.04 0.03 0.07 16.80 2.30 10/1/1996 U 0.04 0.03 0.07 16.80 2.30 10/1/1996 U 0.04 0.03 0.07 16.80 2.30 10/1/1997 E 0.02 0.09 0.34 12.70 1.41 1.41 1.41 1.41 1.41 1.41 1.41 1.4					0.01		.40	21.00	7.00
2 9/10/1996 U 0.03 0.01 0.38 20.80 2.54 2 9/16/1996 U 0.04 0.03 0.01 0.38 20.80 2.54 2 9/30/1996 U 0.04 0.03 0.47 16.80 2.30 10/17/1996 U 0.04 0.03 0.47 16.80 2.30 2 110/17/1997 U 0.02 0.09 0.34 12.70 1.41 2 6/4/1997 H 0.01 0.00 0.33 16.60 6.18 2 6/4/1997 U 0.02 0.00 0.33 16.60 6.18 2 6/4/1997 U 0.02 0.01 0.38 2 6/4/1997 U 0.02 0.01 0.44 17.70 3.64 2 6/18/1997 E 0.03 0.01 0.50 2 6/18/1997 E 0.02 0.01 0.50 2 7/2/1997 E 0.02 0.01 0.50 2 7/2/1997 E 0.02 0.01 0.02 2 7/2/1997 E 0.02 0.01 0.01 0.42 2 7/2/1997 E 0.02 0.01 0.01 0.42 2 7/2/1997 E 0.02 0.01 0.01 0.42 2 7/17/1997 E 0.02 0.01 0.01 0.42 2 7/17/1997 E 0.02 0.01 0.01 0.51 23.20 2.73 2 7/17/1997 E 0.03 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 U 0.03 0.02 0.01 0.51 23.20 2.73 2 8/18/1997 U 0.03 0.02 0.01 0.21 2 8/18/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/48/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/48/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/28/1997 U 0.03 0.02 0.36 21.50 2.55 2 9/19/1997 E 0.03 0.02 0.36 21.50 2.55 2 9/19/1997 E 0.03 0.02 0.36 21.50 2.55 2 9/19/1997 E 0.03 0.02 0.36 21.50 2.55 2 9/19/1997 U 0.03 0.02 0.32 18.90 5.45 2 9/19/1997 U 0.03 0.02 0.33 14.10 6.55 2 9/19/1997 U 0.03 0.02 0.43 2 0.20 6.27 2 9/19/1997 U 0.03 0.02 0.43 2 0.20 6.27 2 9/19/1997 U 0.03 0.02 0.43 2 0.20 6.27 2 9/19/1997 U 0.03 0.02 0.44 9.10 4.12 5/12/1998 U 0.03 0.01 0.02 0.36 4 0.20 3.64 2 4/29/1998 U 0.03 0.01 0.02 0.36 10.20 3.64 2 4/29/1998 U 0.03 0.01 0.02 0.38 11.10 6.55 5/12/1998 H 0.02 0.01 0.03 0.01 0.32 18.90 5.45 6/12/1998 U 0.03 0.01 0.02 0.38 21.20 6.88 6/12/1998 H 0.02 0.01 0.03 0.02 0.38 21.20 6.88 6/12/1998 H 0.03 0.01 0.02 0.35 22.80 7.94 7/19/1998 E 0.03 0.01 0.02 0.35 22.80 7/19/1998 E 0.03 0.01 0.02 0.35 22.80 7/19/1998 E 0.03 0.01 0.02 0.35 22.80 7/19/1998 E 0.03 0.01 0.05 0.05 0.05 0.05 0.05 0.05 0.05					0.01	0	56	20.30	7 02
2 9/16/1996 U 0.03 0.01 0.38 20.80 2.54 2 9/30/1996 U 0.04 0.03 0.47 16.80 2.30 2 10/1/1996 U 0.04 0.03 0.47 16.80 2.30 2 10/1/1996 U 0.04 0.04 0 0.05 0.09 0.34 12.70 1.41 2 5/22/1997 U 0.02 0.09 0.34 12.70 1.41 2 6/4/1997 E 0.02 0.00 0.30 16.60 6.18 2 6/4/1997 U 0.02 0.00 0.30 16.60 6.18 2 6/4/1997 U 0.02 0.01 0.00 0.38 2 6/4/1997 U 0.02 0.01 0.04 17.70 3.64 2 6/18/1997 E 0.03 0.01 0.44 17.70 3.64 2 6/18/1997 U 0.03 0.01 0.50 2 6/18/1997 U 0.03 0.01 0.50 2 7/2/1997 E 0.02 0.01 0.50 2 7/2/1997 E 0.02 0.01 0.55 2 23.10 2.48 2 7/2/1997 E 0.02 0.01 0.42 2 7/2/1997 E 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 U 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 E 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 E 0.03 0.02 0.35 22.60 5.45 2 8/4/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/4/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/2/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/2/1997 U 0.03 0.02 0.36 21.50 2.55 2 9/4/1997 U 0.03 0.02 0.36 10.20 6.27 2 9/19/1997 E 0.03 0.01 0.32 18.90 5.45 2 9/4/1997 U 0.03 0.02 0.36 10.20 0.36 4 2 9/24/1997 U 0.03 0.02 0.36 10.20 0.36 4 2 9/24/1997 U 0.03 0.02 0.36 10.20 0.36 4 4/29/1998 U 0.03 0.01 0.32 14.10 6.55 2 11/5/1998 U 0.03 0.01 0.32 14.10 6.55 5 15/29/1998 U 0.03 0.01 0.32 14.10 6.55 5 15/29/1998 U 0.03 0.01 0.32 19.70 2.82 5 15/29/1998 E 0.03 0.01 0.32 7.80 2 5 15/29/1998 E 0.03 0.01 0.32 19.70 2.82 5 15/29/1998 E 0.03 0.01 0.32 19.70 2.82 5 15/29/1998 H 0.02 0.01 0.32 19.70 2.82 5 17/29/1998 H 0.03 0.02 0.01 0.32 19.70 2.82 5 17/29/1998 H 0.03 0.01 0.02 0.05 0.05 0.05 0.05 0.05 0.02 0.05 0.05					0.01	0	.50	20.30	1.02
2 9/30/1996 U 0.04 0.03 0.47 16.80 2.30 2 10/1/1996 U 0.04 0.03 0.47 16.80 2.30 2 5/22/1997 U 0.02 0.09 0.34 12.70 1.41 2 6/4/1997 E 0.02 0.00 0.30 16.60 6.18 2 6/4/1997 H 0.01 0.00 0.38 2 6/4/1997 E 0.02 0.01 0.34 17.70 3.64 2 6/18/1997 E 0.02 0.01 0.50 0.50 2 6/18/1997 E 0.03 0.01 0.50 0.50 2 6/18/1997 H 0.02 0.01 0.50 0.50 2 7/2/1997 E 0.02 0.01 0.50 0.50 0.50 2 7/2/1997 E 0.02 0.01 0.02 0.01 0.42 0.25 23.10 2.48 2 7/2/1997 E 0.02 0.01 0.01 0.42 0.42 0.43 0.44 0.50 0.50 0.50 0.50 0.50 0.50 0.50					0.01	0	38	20.80	2.54
2 101/1996 U 0.04									
2 5/22/1997 U 0.02 0.09 0.34 12.70 1.41 2 6/4/1997 E 0.02 0.00 0.30 16.60 6.18 2 6/4/1997 H 0.01 0.00 0.38 2 6/4/1997 E 0.02 0.01 0.44 17.70 3.64 2 6/18/1997 E 0.03 0.01 0.44 17.70 3.64 2 6/18/1997 H 0.02 0.01 0.50 2 6/18/1997 H 0.02 0.01 0.50 2 6/18/1997 H 0.02 0.01 0.25 23.10 2.48 2 7/2/1997 E 0.02 0.01 0.42 2 7/7/1997 F 0.02 0.01 0.42 2 7/7/1997 F 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 F 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 F 0.03 0.02 0.35 22.60 5.45 2 8/18/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/18/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/28/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/28/1997 U 0.03 0.02 0.32 18.90 5.45 2 9/19/1997 F 0.03 0.02 0.43 20.20 6.27 2 9/19/1997 F 0.03 0.01 0.32 18.90 5.45 2 9/24/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/24/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/24/1997 U 0.03 0.02 0.32 14.10 6.55 2 9/24/1997 U 0.03 0.02 0.32 14.10 6.55 2 11/5/1997 U 0.03 0.02 0.32 14.10 6.55 2 11/5/1998 U 0.03 0.02 0.32 14.10 6.55 2 5/12/1998 U 0.03 0.02 0.32 14.10 6.55 2 5/12/1998 U 0.03 0.02 0.32 14.10 6.55 2 5/12/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/12/1998 U 0.03 0.01 0.32 19.70 2.82 2 5/29/1998 E 0.02 0.01 0.32 19.70 2.82 2 5/29/1998 E 0.04 0.02 0.55 2.55 2 7/20/1998 E 0.05 0.02 0.55 2.55 2 7/20/1998 E 0.03 0.01 0.52 2.55 2 7/20/1998 E 0.05 0.02 0.55 2.55 2 7/20/1998 E 0.03 0.01 0.52 2.55 2 7/20/1998 E 0.03 0.02 0.55 2.55 2 7/20/1998					0.00	0	.71	10.00	2.50
2 6/4/1997					0.00	0	3/1	12.70	1 // 1
2 6/4/1997 U 0.02									
2 6/18/1997 E 0.03 0.01 0.44 17.70 3.64 2 6/18/1997 H 0.02 0.01 0.50 2 6/18/1997 U 0.03 2 7/2/1997 E 0.02 0.01 0.25 23.10 2.48 2 7/2/1997 E 0.02 0.01 0.25 23.10 2.48 2 7/2/1997 H 0.01 0.01 0.42 2 7/7/1997 U 0.02 2 7/17/1997 E 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 E 0.03 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 H 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 H 0.02 0.01 0.51 23.20 2.73 2 8/1/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/1/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/18/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/18/1997 U 0.03 0.02 0.36 21.50 2.55 2 9/19/1997 E 0.03 0.01 0.32 18.90 5.45 2 9/19/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/19/1997 H 0.03 0.02 0.43 20.20 6.27 2 9/19/1997 U 0.03 0.01 0.32 18.90 5.45 2 9/24/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/19/1997 U 0.03 0.02 0.43 20.20 6.27 2 10/8/1997 U 0.03 0.02 0.43 20.20 6.25 2 11/5/1997 U 0.03 0.02 0.43 20.20 6.55 2 11/5/1997 U 0.03 0.02 0.36 10.20 3.64 2 4/29/1998 U 0.03 0.02 0.36 10.20 3.64 2 4/29/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/12/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/12/1998 U 0.03 0.01 0.32 7.80 2 5/29/1998 H 0.02 0.01 0.32 7.80 2 5/29/1998 E 0.03 0.01 0.32 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 21.20 6.88 2 6/17/1998 E 0.04 0.02 0.01 0.38 21.20 6.88 2 6/17/1998 E 0.04 0.02 0.01 0.44 12.80 2 7/2/1998 E 0.03 0.01 0.44 12.80 2 7/2/1998 E 0.04 0.02 0.55 2.72 2 7/2/1998 H 0.02 0.01 0.55 2.72 2 7/2/1998 E 0.03 0.02 0.01 0.55 2.72 2 7/2/1998 E 0.03 0.01 0.02 0.55 2.72 2 7/2/1998 E 0.03 0.01 0.02 0.55 2.72 2 7/2/1998 E 0.03 0.00 0.00 0.00 0.00 0.00 0.00 0.								10.00	0.10
2 6/18/1997					0.00	0	.50		
2 6/18/1997 U 0.03					0.01	0	11	17.70	2 64
2 6/18/1997 U 0.03 0.01 0.25 23.10 2.48 2 7/2/1997 H 0.01 0.01 0.42 0.42 2 7/17/1997 U 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 E 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 E 0.03 0.02 0.51 23.20 2.73 2 7/17/1997 H 0.02 0.01 0.21 2.73 0.25 2.73 2 8/1/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/1/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/1/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/1/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/19/1997 F 0.03 0.01 0.32 18.90 5.45 2 9/19/1997 H								17.70	3.04
2 7/2/1997 E 0.02 0.01 0.25 23.10 2.48 2 7/2/1997 H 0.01 0.01 0.42					0.01	0	.50		
2 7/2/1997 H 0.01 0.01 0.01 0.42 2 7/17/1997 U 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 E 0.03 0.01 0.51 23.20 2.73 2 7/17/1997 H 0.02 0.01 0.21 0.21 2 8/17/1997 H 0.02 0.01 0.21 0.35 22.60 5.45 2 8/17/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/17/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/28/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/28/1997 U 0.03 0.02 0.36 21.50 2.55 2 9/17/1997 E 0.03 0.01 0.32 18.90 5.45 2 9/17/1997 H 0.03 0.02 0.43 20.20 6.27 2 9/17/1997 H 0.03 0.02 0.43 20.20 6.27 2 9/17/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/17/1997 U 0.03 0.02 0.43 2 2 9/27/1997 U 0.03 0.02 0.43 2 2 9/27/1997 U 0.03 0.02 0.43 2 2 9/27/1997 U 0.03 0.02 0.36 10.20 3.64 2 4/28/1998 U 0.03 0.02 0.36 10.20 3.64 2 4/28/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/12/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/12/1998 E 0.02 0.01 0.25 15.00 7.06 2 5/28/1998 H 0.02 0.01 0.32 7.80 2 5/28/1998 H 0.02 0.01 0.32 7.80 2 6/17/1998 E 0.03 0.01 0.32 7.80 2 6/17/1998 E 0.03 0.01 0.32 7.80 2 6/17/1998 E 0.03 0.01 0.33 7.80 2 7/28/1998 H 0.02 0.01 0.38 2 7/28/1998 H 0.02 0.01 0.38 2 7/28/1998 H 0.02 0.01 0.38 2 7/28/1998 E 0.04 0.02 0.01 0.38 2 7/28/1998 E 0.05 0.02 0.01 0.38 2 7/28/1998 E 0.05 0.02 0.01 0.05 0.55 2 7/28/1998 E 0.05 0.02 0.05 0.05 0.05 0.05 0.05 0.05					0.01	0	25	22.10	2.40
2 7/7/1997 U 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 E 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 H 0.02 0.01 0.21 0.21 0.21 0.21 0.21 0.22 0.35 22.60 5.45 0.22 0.35 22.60 5.45 0.22 0.35 22.60 5.45 0.25 0.35 22.60 5.45 0.25 0.35 22.60 5.45 0.25 0.35 22.60 5.45 0.25 0.35 22.60 5.45 0.25 0.35 22.60 5.45 0.25 0.36 21.50 2.55 2.25 0.36 21.50 2.55 2.21 2.26 2.26								∠3.10	2.40
2 7/17/1997 E 0.02 0.01 0.51 23.20 2.73 2 7/17/1997 E 0.03 0.02 0.21 0.21 0.21 0.21 0.22 0.35 22.60 5.45 0.22 0.35 22.60 5.45 0.22 0.36 21.50 2.55 0.28 0.28 0.02 0.36 21.50 2.55 0.25 0.36 21.50 2.55 0.36 21.50 2.55 0.36 21.50 2.55 0.36 21.50 2.55 0.36 21.50 2.55 0.36 21.50 2.55 0.36 21.50 2.55 0.36 21.50 2.55 0.36 21.50 2.55 0.36 21.50 2.55 0.36 21.50 2.55 0.36 21.50 2.55 0.28 0.36 21.50 2.55 0.28 0.36 21.50 2.55 0.28 2.55 0.29 0.36 4.29 0.43 20.20 0.32 0.43 20.20 0.43 20.20 0.43 20.20 0.43 20.20 0.43 20.20 0.36					0.01	0	.42		
2 7/17/1997 E 0.03 0.01 0.21 2 7/17/1997 H 0.02 0.01 0.21 2 8/1/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/18/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/28/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/4/1997 U 0.03 0.01 0.32 18.90 5.45 2 9/19/1997 E 0.03 0.01 0.32 18.90 5.45 2 9/19/1997 H 0.03 0.02 0.43 20.20 6.27 2 9/19/1997 H 0.03 0.02 0.43 20.20 5.45 2 9/19/1997 U 0.03 0.02 0.32 14.10 6.55 2 10/8/1997 U 0.03 0.02 0.32 14.10 6.55 2 11/5/1997 U 0.03 0.02 0.36 10.20					0.04	0	F4	00.00	0.70
2 7/17/1997 H 0.02 0.01 0.21 5.45 2 8/4/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/4/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/28/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/4/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/19/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/19/1997 H 0.03 0.02 0.43 20.20 6.27 2 9/19/1997 H 0.03 0.02 0.43 20.0 5.45 2 9/19/1997 U 0.03 0.02 0.32 14.10 6.55 2 11/5/1997 U 0.03 0.02 0.32 14.10 6.55 2 11/5/1997 U 0.03 0.01 0.44 9.10 4.12 2 5/12/1998 U 0.03					0.01	U	.51	23.20	2.73
2 8/1/1997 U 0.03 0.02 0.35 22.60 5.45 2 8/4/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/28/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/4/1997 U 0.03 0.01 0.32 18.90 5.45 2 9/19/1997 E 0.03 0.01 0.32 18.90 5.45 2 9/19/1997 H 0.03 0.02 0.43 0.03 18.90 5.45 2 9/19/1997 U 0.03 0.02 0.43 0.03 0.02 0.43 0.03 0.02 0.43 0.03 0.02 0.32 14.10 6.55 0.03 0.02 0.36 10.20 3.64 0.02 0.03 0.02 0.36 10.20 3.64 0.02 0.11 0.44 9.10 4.12 0.03 0.01 0.44 9.10 4.12 0.03 0.01 0.04 9.10 4.12 0.03 0.01 0.02 1.					0.04		04		
2 8/4/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/28/1997 U 0.03 0.02 0.36 21.50 2.55 2 9/4/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/19/1997 E 0.03 0.01 0.32 18.90 5.45 2 9/19/1997 H 0.03 0.02 0.43 0.22 0.43 2 9/24/1997 U 0.03 0.02 0.43 0.44 0.55 0.43 0.22 0.32 14.10 6.55 0.22 10/8/1997 0.03 0.02 0.32 14.10 6.55 0.36 10.20 3.64 0.02 0.36 10.20 3.64 0.02 0.36 10.20 3.64 0.02 0.11 0.44 9.10 4.12 0.02 0.11 0.44 9.10 4.12 0.02 0.11 0.44 9.10 4.12 0.14 0.12 0.14 0.12 15.00 7.06 0.25 15.00 7.06 0.25								00.00	
2 8/18/1997 U 0.03 0.02 0.36 21.50 2.55 2 8/28/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/19/1997 E 0.03 0.01 0.32 18.90 5.45 2 9/19/1997 H 0.03 0.02 0.43 18.90 5.45 2 9/24/1997 U 0.03 0.02 0.32 14.10 6.55 2 10/8/1997 U 0.03 0.02 0.36 10.20 3.64 2 9/24/1997 U 0.03 0.02 0.36 10.20 3.64 2 11/5/1997 U 0.03 0.02 0.36 10.20 3.64 2 4/29/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/14/1998 E 0.02 0.01 0.25 15.00 7.06 2 5/14/1998 H 0.02 0.01 0.32 7.80 2 5/29/1998 H 0.02					0.02	0	.35	22.60	5.45
2 8/28/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/4/1997 U 0.03 0.01 0.32 18.90 5.45 2 9/19/1997 H 0.03 0.02 0.43 0.43 2 9/24/1997 U 0.03 0.02 0.32 14.10 6.55 2 11/5/1997 U 0.03 0.02 0.36 10.20 3.64 2 11/5/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/14/1998 U 0.03 0.01 0.25 15.00 7.06 2 5/14/1998 H 0.02 0.01 0.32 7.80 2 5/29/1998 H 0.02 0.01								0.4.50	
2 9/4/1997 U 0.03 0.02 0.43 20.20 6.27 2 9/19/1997 E 0.03 0.01 0.32 18.90 5.45 2 9/19/1997 H 0.03 0.02 0.43 0.02 2 10/8/1997 U 0.03 0.02 0.32 14.10 6.55 2 11/5/1997 U 0.03 0.02 0.36 10.20 3.64 2 4/29/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/12/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/14/1998 E 0.02 0.01 0.25 15.00 7.06 2 5/14/1998 E 0.02 0.01 0.32 7.80					0.02	0	.36	21.50	2.55
2 9/19/1997 E 0.03 0.01 0.32 18.90 5.45 2 9/19/1997 H 0.03 0.02 0.43 0.43 2 9/24/1997 U 0.03 0.02 0.32 14.10 6.55 2 11/5/1997 U 0.03 0.02 0.36 10.20 3.64 2 4/29/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/12/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/14/1998 E 0.02 0.01 0.25 15.00 7.06 2 5/14/1998 H 0.02 0.01 0.32 7.80 7.06 2 5/29/1998 H 0.02 0.01 0.32 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 21.20 6.88 2 6/17/1998 H 0.03									
2 9/19/1997 H 0.03 0.02 0.43 2 9/24/1997 U 0.03 0.02 0.32 14.10 6.55 2 10/8/1997 U 0.03 0.02 0.36 10.20 3.64 2 11/5/1997 U 0.03 0.02 0.36 10.20 3.64 2 4/29/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/14/1998 U 0.03 0.01 0.25 15.00 7.06 2 5/14/1998 H 0.02 0.01 0.25 15.00 7.06 2 5/14/1998 H 0.02 0.01 0.32 7.80 2 5/29/1998 E 0.03 0.01 0.32 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 21.20 6.88 2 6/17/1998 H 0.03 0.01 0.41									
2 9/24/1997 U 0.03 0.02 0.32 14.10 6.55 2 11/5/1997 U 0.03 0.02 0.36 10.20 3.64 2 4/29/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/12/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/14/1998 U 0.03 0.01 0.25 15.00 7.06 2 5/14/1998 E 0.02 0.01 0.32 7.80 2 5/29/1998 E 0.03 0.01 0.32 7.80 2 5/29/1998 H 0.02 0.01 0.32 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 19.70 2.82 2 6/10/1998 U 0.02 0.01 0.38 21.20 6.88 2 6/17/1998 H 0.03 0.01 0.41 12.80 2.82 2 7/7/1998 H 0.03 0.02								18.90	5.45
2 10/8/1997 U 0.03 0.02 0.32 14.10 6.55 2 11/5/1997 U 0.03 0.02 0.36 10.20 3.64 2 4/29/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/12/1998 U 0.03 0.01 0.25 15.00 7.06 2 5/14/1998 E 0.02 0.01 0.32 7.80 2 5/29/1998 E 0.03 0.01 0.32 7.80 2 5/29/1998 E 0.03 0.01 0.32 7.80 2 5/29/1998 H 0.02 0.01 0.32 7.80 2 5/29/1998 H 0.02 0.01 0.38 19.70 2.82 2 6/10/1998 H 0.02 0.01 0.38 21.20 6.88 2 6/17/1998 H 0.03 0.01 0.41 12.80 2 7/3/1998 H 0.03 0.02 0.51 22.00 22.94					0.02	0	.43		
2 11/5/1997 U 0.03 0.02 0.36 10.20 3.64 2 4/29/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/12/1998 U 0.03 0.01 0.25 15.00 7.06 2 5/14/1998 E 0.02 0.01 0.32 7.80 2 5/29/1998 E 0.03 0.01 0.32 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.32 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 21.20 6.88 2 6/17/1998 H 0.02 0.01 0.38 21.20 6.88 2 7/3/1998 H 0.03 0.01 0.41 12.80 2 7/7/1998 E 0.05 0.02 0.51 22.00 22.94 2 7/20/1998 E 0.03 0.01									
2 4/29/1998 U 0.03 0.01 0.44 9.10 4.12 2 5/12/1998 U 0.03 0.01 0.25 15.00 7.06 2 5/14/1998 H 0.02 0.01 0.32 7.80 2 5/29/1998 E 0.03 0.01 0.32 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 2.70 2.82 2 6/17/1998 H 0.02 0.01 0.38 21.20 6.88 2 6/17/1998 H 0.03 0.01 0.41 12.80 2.71/1998 2.71/1998 0.04 0.02 0.51 22.00 22.94 2 7/20/1998 H 0.03 0.02 0.55 0.55 2.80 7.94 2 7/29/1998 H 0.02 0.01 0.52 0.52 0.52 0.52 0.52 0.52 0.51 2.80 7.06 <									
2 5/12/1998 U 0.03 0.01 0.25 15.00 7.06 2 5/14/1998 H 0.02 0.01 0.32 7.80 2 5/29/1998 E 0.03 0.01 0.32 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 21.20 6.88 2 6/10/1998 U 0.02 0.38 21.20 6.88 2 6/17/1998 E 0.04 0.02 0.38 21.20 6.88 2 7/3/1998 H 0.03 0.01 0.41 12.80 2 7/7/1998 E 0.05 0.02 0.51 22.00 22.94 2 7/20/1998 E 0.03 0.01 0.57 25.80 7.94 2 7/29/1998 E 0.02 0.01 0.52 0.52 2 7/29/1998 E 0.03 0.02 0.32 21.80									
2 5/14/1998 E 0.02 0.01 0.25 15.00 7.06 2 5/14/1998 H 0.02 0.01 0.32 7.80 2 5/29/1998 E 0.03 0.01 0.32 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 19.70 2.82 2 6/10/1998 H 0.02 0.01 0.38 21.20 6.88 2 6/17/1998 E 0.04 0.02 0.38 21.20 6.88 2 6/17/1998 H 0.03 0.01 0.41 12.80 2 7/3/1998 E 0.05 0.02 0.51 22.00 22.94 2 7/720/1998 E 0.03 0.01 0.57 25.80 7.94 2 7/29/1998 H 0.02 0.01 0.52 0.52 0.52 2 7/29/1998 H 0.02 0.01 0.32					0.01	0	.44	9.10	4.12
2 5/14/1998 H 0.02 0.01 0.32 7.80 2 5/29/1998 E 0.03 0.01 0.32 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>									
2 5/29/1998 E 0.03 0.01 0.32 19.70 2.82 2 5/29/1998 H 0.02 0.01 0.38 0.41 <									7.06
2 5/29/1998 H 0.02 0.01 0.38 2 6/10/1998 U 0.02 0.38 21.20 6.88 2 6/17/1998 E 0.04 0.02 0.38 21.20 6.88 2 6/17/1998 H 0.03 0.01 0.41 12.80 2 7/3/1998 U 0.04 0.02 0.51 22.00 22.94 2 7/7/1998 E 0.05 0.02 0.55 0.55 0.55 0.55 0.57 25.80 7.94 2 7/20/1998 H 0.02 0.01 0.52 0.52 0.52 0.52 0.52 0.52 0.52 0.52 0.52 0.52 0.52 0.55 0.02 0.02 0.02 0.02 0.02 0.03 0.02 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.03 0.02 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.04									
2 6/10/1998 U 0.02 0.38 21.20 6.88 2 6/17/1998 E 0.04 0.02 0.38 21.20 6.88 2 6/17/1998 H 0.03 0.01 0.41 12.80 2 7/3/1998 U 0.04 0.01 0.51 22.00 22.94 2 7/7/1998 E 0.05 0.02 0.55 0.55 0.55 0.55 0.57 25.80 7.94 2 7/20/1998 E 0.03 0.01 0.52 0.53 0.02 0.52 0.52 0.53 0.02 0.52 0.52 0.52 0.53 0.02 0.02 0.02 0.03 0.02 0.03 0.02 0.03 0.03 0.03 0.03 0.03 0.								19.70	2.82
2 6/17/1998 E 0.04 0.02 0.38 21.20 6.88 2 6/17/1998 H 0.03 0.01 0.41 12.80 2 7/3/1998 U 0.04 0.01 0.41 12.80 2 7/7/1998 E 0.05 0.02 0.51 22.00 22.94 2 7/20/1998 H 0.03 0.02 0.55 0.55 0.57 25.80 7.94 2 7/20/1998 H 0.02 0.01 0.52 0.53 0.52 0.53 0.52 0.53 0.					0.01	0	.38		
2 6/17/1998 H 0.03 0.01 0.41 12.80 2 7/3/1998 U 0.04 0.04 0.51 22.00 22.94 2 7/7/1998 H 0.03 0.02 0.55 0.55 0.55 0.57 25.80 7.94 2 7/20/1998 E 0.03 0.01 0.57 25.80 7.94 2 7/29/1998 H 0.02 0.01 0.52 0.52 2 7/29/1998 H 0.02 0.02 0.32 21.80 7.06 2 8/3/1998 H 0.03 0.02 0.40 0.40 0.40									
2 7/3/1998 U 0.04 0.02 0.51 22.00 22.94 2 7/7/1998 H 0.03 0.02 0.55 0.55 0.55 0.57 25.80 7.94 2 7/20/1998 H 0.02 0.01 0.52 0.52 0.52 0.52 0.52 0.02 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.040 0.40 0.40 0.40									6.88
2 7/7/1998 E 0.05 0.02 0.51 22.00 22.94 2 7/7/1998 H 0.03 0.02 0.55 0.55 2 7/20/1998 E 0.03 0.01 0.57 25.80 7.94 2 7/29/1998 H 0.02 0.01 0.52 0.52 2 7/29/1998 E 0.02 0.02 0.02 0.02 2 8/3/1998 E 0.03 0.02 0.32 21.80 7.06 2 8/3/1998 H 0.03 0.02 0.40 0.40					0.01	0	.41	12.80	
2 7/7/1998 H 0.03 0.02 0.55 2 7/20/1998 E 0.03 0.01 0.57 25.80 7.94 2 7/20/1998 H 0.02 0.01 0.52 0.52 2 7/29/1998 E 0.02 0.02 0.02 0.02 0.03 0.02 0.03 0.02 0.03 7.06 2 8/3/1998 H 0.03 0.02 0.40 0.40 0.40									
2 7/20/1998 E 0.03 0.01 0.57 25.80 7.94 2 7/20/1998 H 0.02 0.01 0.52 2 7/29/1998 E 0.02 0.02 2 7/29/1998 H 0.02 0.02 2 8/3/1998 E 0.03 0.02 0.32 21.80 7.06 2 8/3/1998 H 0.03 0.02 0.40 0.40								22.00	22.94
2 7/20/1998 H 0.02 0.01 0.52 2 7/29/1998 E 0.02 2 7/29/1998 H 0.02 2 8/3/1998 E 0.03 0.02 2 8/3/1998 H 0.03 0.02 0.32 21.80 7.06 2 8/3/1998 H 0.03 0.02 0.40									
2 7/29/1998 E 0.02 2 7/29/1998 H 0.02 2 8/3/1998 E 0.03 0.02 0.32 21.80 7.06 2 8/3/1998 H 0.03 0.02 0.40 0.40								25.80	7.94
2 7/29/1998 H 0.02 Section 1 0.02 0.32 0.32 0.32 0.32 0.06 2 8/3/1998 H 0.03 0.02 0.40 0.40		7/20/1998			0.01	0	.52		
2 8/3/1998 E 0.03 0.02 0.32 21.80 7.06 2 8/3/1998 H 0.03 0.02 0.40									
2 8/3/1998 H 0.03 0.02 0.40		7/29/1998		0.02					
		8/3/1998	Е	0.03	0.02	0	.32	21.80	7.06
2 8/20/1998 U 0.04 0.03 0.34 20.10 2.66	2	8/3/1998	Н	0.03	0.02	0	.40		
	2	8/20/1998	U	0.04	0.03	0	.34	20.10	2.66

0	0/07/4000		0.00		I				
2	8/27/1998	U	0.03	0.00			0.47	24.20	2.74
2 2	9/1/1998	E	0.03	0.02			0.47	21.20	3.71
	9/1/1998	Н	0.03	0.03			0.61	17.30	
2	9/21/1998	U	0.03	0.00			0.00	40.40	4.00
2	9/22/1998	U	0.03	0.02			0.33	18.10	1.68
2	10/7/1998	U	0.03	0.00	00.00	F 00	0.50	0.00	F F0
2	4/15/1999	U	0.04	0.02	22.30	5.03	0.59	6.80	5.58
2	5/6/1999	U	0.02	0.01			0.47	13.00	7.51
2	5/17/1999	E	0.02	0.01			0.30	14.30	5.82
2	5/17/1999	Н	0.01	0.01			0.40		
2	5/18/1999	U	0.02	0.01	22.80	5.16	0.36		
2	6/1/1999	E	0.02	0.01			0.30	19.10	5.58
2	6/1/1999	Н	0.01	0.01			0.44		
2	6/9/1999	U	0.03	0.02			0.37		
2	6/14/1999	Е	0.02	0.01			0.31	20.00	9.70
2	6/14/1999	Н	0.02	0.01			0.35		
2	7/19/1999	E	0.04	0.02	22.20	5.43	0.45	21.00	10.67
2	7/19/1999	Н	0.02	0.01	18.00	4.54	0.39		
2	7/20/1999	U	0.03	0.02	21.40	5.14	0.38		
2	7/29/1999	E	0.04	0.02			0.40	21.20	12.61
2	7/29/1999	Н	0.06	0.05			0.52		
2	8/4/1999	U	0.05	0.03			0.40		
2	8/11/1999	U	0.06	0.04			0.41	20.10	20.61
2	8/23/1999	U	0.07	0.05			0.48	21.30	8.73
2	8/24/1999	U	0.06	0.04			0.41		
2	9/7/1999	U	0.07	0.06			0.47	23.00	4.00
2	9/15/1999	U	0.06	0.05			0.41		
		U			23.20	6.22		16.00	1.43
2	9/15/1999		0.06	0.05	23.20	6.22	0.41	16.00 14.10	1.43 3.88
2 2	9/15/1999 9/24/1999	U	0.06 0.06 0.05	0.05 0.04 0.04		6.22 Mg(mg/l)	0.41 0.46 0.42		
2 2 2 Lake Location	9/15/1999 9/24/1999 10/7/1999 Date	U U Stratum	0.06 0.06 0.05 TP (mg/l)	0.05 0.04 0.04 DP (mg/l)			0.41 0.46 0.42 TN(mg/l)	14.10 Temp	3.88
2 2 2 Lake Location	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992	U U Stratum U	0.06 0.06 0.05 TP (mg/l)	0.05 0.04 0.04 DP (mg/l)			0.41 0.46 0.42 TN(mg/l) 0.72	14.10 Temp 6.7	3.88
2 2 2 Lake Location 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992	U U Stratum U U	0.06 0.06 0.05 TP (mg/l) 0.02 0.02	0.05 0.04 0.04 DP (mg/l) 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64	14.10 Temp 6.7 3.8	3.88
2 2 2 Lake Location 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992	U U Stratum U U E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59	14.10 Temp 6.7 3.8 9.2	3.88
2 2 2 Lake Location 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 5/20/1992	U U Stratum U U E H	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57	14.10 Temp 6.7 3.8 9.2 4	3.88
2 2 2 Lake Location 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 5/20/1992 6/3/1992	U U Stratum U U E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01 0.02	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6	14.10 Temp 6.7 3.8 9.2 4 13.5	3.88
2 2 2 Lake Location 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 5/20/1992 6/3/1992 6/3/1992	U U Stratum U U E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01 0.02 0.02 0.01	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8	3.88
2 2 2 Lake Location 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992	U U Stratum U U E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01 0.02 0.02 0.02 0.02	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 6/16/1992	U U Stratum U E H E H E	0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01 0.02 0.02 0.02 0.02 0.02 0.02	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5	3.88
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 6/16/1992 7/2/1992	U U Stratum U U E H E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01 0.02 0.02 0.02 0.01 0.02 0.01	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 6/16/1992 7/2/1992 7/2/1992	U U Stratum U E H E H E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01 0.02 0.02 0.02 0.02 0.01 0.01 0.01	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55 0.53	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17 6.2	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 6/16/1992 7/2/1992 7/2/1992 7/29/1992	U U Stratum U E H E H E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01 0.02 0.02 0.02 0.01 0.01 0.01	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55 0.53 0.37	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17 6.2 19.2	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 6/16/1992 7/2/1992 7/2/1992 7/29/1992 7/29/1992	U U Stratum U E H E H E H E H	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01 0.02 0.02 0.02 0.01 0.01 0.01 0.01	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55 0.53 0.37 0.45	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17 6.2	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 6/16/1992 7/2/1992 7/29/1992 7/29/1992 8/10/1992	U U Stratum U E H E H E H E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01 0.01 0.01	0.05 0.04 0.04 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55 0.53 0.37 0.45 0.45	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17 6.2 19.2	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 6/16/1992 7/2/1992 7/29/1992 7/29/1992 8/10/1992 8/10/1992	U U Stratum U E H E H E H E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01 0.02 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55 0.53 0.37 0.45 0.45 0.58	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17 6.2 19.2	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 6/16/1992 7/2/1992 7/29/1992 7/29/1992 8/10/1992	U U Stratum U U E H E H E H E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01 0.02 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55 0.53 0.37 0.45 0.45	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17 6.2 19.2	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 6/16/1992 7/2/1992 7/29/1992 7/29/1992 8/10/1992 8/10/1992	U U Stratum U E H E H E H E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01 0.02 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55 0.53 0.37 0.45 0.45 0.58	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17 6.2 19.2	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 6/16/1992 7/2/1992 7/2/1992 7/29/1992 7/29/1992 8/10/1992 8/10/1992 8/18/1992	U U Stratum U U E H E H E H E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.01 0.02 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	0.05 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55 0.53 0.37 0.45 0.45 0.58 0.38	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17 6.2 19.2	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 6/16/1992 7/2/1992 7/2/1992 7/29/1992 7/29/1992 8/10/1992 8/10/1992 8/18/1992 8/18/1992	U U Stratum U U E H E H E H E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	0.05 0.04 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55 0.53 0.37 0.45 0.45 0.58 0.38 0.52	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17 6.2 19.2	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/7/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 6/16/1992 7/2/1992 7/2/1992 7/29/1992 8/10/1992 8/10/1992 8/18/1992 9/2/1992	U U Stratum U U E H E H E H E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	0.05 0.04 0.04 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55 0.53 0.37 0.45 0.45 0.38 0.52 0.41	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17 6.2 19.2	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/20/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 7/2/1992 7/2/1992 7/29/1992 7/29/1992 8/10/1992 8/18/1992 8/18/1992 9/2/1992	U U Stratum U U E H E H E H E H E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	0.05 0.04 0.04 0.01 0.01 0.01 0.01 0.01 0.01			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55 0.53 0.37 0.45 0.45 0.45 0.45 0.45 0.45 0.58 0.38 0.52 0.41 0.61	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17 6.2 19.2 7.8	3.88 Chl-a
2 2 2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9/15/1999 9/24/1999 10/7/1999 Date 5/7/1992 5/20/1992 5/20/1992 6/3/1992 6/3/1992 6/16/1992 7/2/1992 7/29/1992 7/29/1992 8/10/1992 8/10/1992 8/18/1992 9/2/1992 9/2/1992 9/2/1992	U U Stratum U E H E H E H E H E H E	0.06 0.06 0.05 TP (mg/l) 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	0.05 0.04 0.04 0.04 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.			0.41 0.46 0.42 TN(mg/l) 0.72 0.64 0.59 0.57 0.6 0.68 0.49 0.52 0.55 0.53 0.37 0.45 0.45 0.45 0.45 0.58 0.38 0.52 0.41 0.61 0.46	14.10 Temp 6.7 3.8 9.2 4 13.5 8.8 17.9 5.5 17 6.2 19.2 7.8	3.88 Chl-a

3	10/8/1992	Н	0.01	0.01	0.45		
3	10/27/1992	Е	0.01	0	0.42	10.4	
3	10/27/1992	Н	0.01	0.01	0.37	9.7	
3	4/29/1993	Е	0.03	0.02	0.52	2.9	
3	4/29/1993	Н	0.03	0.02	0.49	3	
3	5/18/1993	Ε	0.02	0.01	0.46	8.8	
3	5/18/1993	H	0.02	0.01	0.5	0.0	
3	6/10/1993	E	0.01	0.01	0.36		
3	6/10/1993	H	0.02	0.01	0.41		
3	6/30/1993	E	0.02	0.01	0.42		
3	6/30/1993	Н	0.01	0.01	0.48		
3	7/14/1993	E	0.02	0.01	0.48		
3	7/14/1993	Н	0.01	0.01	0.55		
3	8/5/1993	E	0.01	0	0.36		
3	8/5/1993	H	0.01	0.01	0.48		
3	8/18/1993	E	0.02	0.01	0.47		
3	8/18/1993	Н	0.02	0.02	0.57		
3	8/26/1993	U	0.01	0.01			
3	9/2/1993	Ε	0.01	0.01	0.34		
3	9/2/1993	Н	0.01	0.01	0.49		
3	9/21/1993	Ε	0.01	0.01	0.38		
3	9/21/1993	Н	0.02	0.01	0.49		
3	10/8/1993	U	0.01	0.01	0.44		
3	10/20/1993	Е	0.01	0.01			
3	5/10/1994	U	0.02	0.02	0.54	5.3	
3	6/14/1994	Ē	0.01	0	0.48		
3	6/15/1994	Ε	0.02	0.01	0.48	12.2	
3	6/15/1994	H	0.02	0.01	0.53	4.9	
3	6/28/1994	E	0.03	0.01	0.38	16.3	
3	6/28/1994	H	0.02	0.01	0.44	4.9	
3	7/12/1994	E	0.01	0.01	0.41	21.2	
3	7/12/1994	Н	0.01	0.01	0.46	5.8	
3	7/12/1994	 H	0.02	0.01	0.47	5.8	
3	7/27/1994	U	0.02	0.01	0.47	21	
3		E			0.37	21	
_	8/3/1994		0.02	0.01	0.00	40.0	
3	9/2/1994	E	0.01	0.01	0.22	18.8	
3	9/2/1994	H	0.02	0.01	0.39	6	
3	9/21/1994	E	0.01	0.01	0.41	16.2	
3	9/21/1994	H	0.02	0.01	0.52	6.1	
3	10/4/1994	Е	0.02	0.01	0.59		
3	10/5/1994	Ε	0.01	0	0.36	13.3	
3	10/5/1994	Н	0.01	0.01	0.52	7.2	
3	5/16/1995	U	0.01	0	0.46	6.6	4.07
3	6/22/1995	Е	0.01	0	0.35	15.9	1.26
3	6/22/1995	Н	0.01	0	0.41	6.1	
3	7/19/1995	Ε	0.01	0.01	0.28	19.8	1.52
3	7/19/1995	Н	0.01	0.01	0.4	4	
3	8/2/1995	Е	0.01	0.01	0.31	21.1	2.14
3	8/2/1995	Н	0.01	0.01	0.39	5.2	
3	8/3/1995	Е	0.01	0.01	0.38		
3	8/3/1995	Н	0.01	0.01	0.45		
3	8/29/1995	E	0.01	0	0.24	19.2	
-				-	- · - ·		

3	8/29/1995	Н	0.01	0	0.4	4.7	
3	9/20/1995	U	0.01	0	0.33	13.4	3.89
3	9/27/1995	U	0.01	0.01	0.34	13.2	1.65
3	10/26/1995	U	0.01	0.01	0.43		
3	6/7/1996	U	0.01	0.01	0.43	9.5	2.54
3	6/20/1996	U	0.01	0.01	0.43	15.2	2.15
3	7/8/1996	U	0.01	0.02	0.44		4.1
3	7/22/1996	Е	0.01				
3	7/22/1996	Н	0.01				
3	7/24/1996	Е	0.02	0.01	0.53	15.5	1.64
3	7/24/1996	Н	0.01	0.01	0.43		
3	8/6/1996	U	0.02	0.01	0.48	19.8	3.22
3	8/20/1996	E	0.02	0.01	0.43	19	6.05
3	8/20/1996	Е	0.01			-	
3	8/20/1996	Н	0.02	0.01	0.48		
3	8/20/1996	Н	0.01				
3	9/4/1996	E	0.01	0.01	0.41	19.8	3.28
3	9/4/1996	H	0.01	0.01	0.56		
3	9/10/1996	E	0.02	0.0.	0.00		
3	9/10/1996	H	0.01				
3	9/16/1996	Ü	0.01	0.01	0.46	19.8	4.25
3	10/9/1996	Ü	0.01	0.01	0.39	12.8	3.41
3	5/14/1997	Ü	0.02	0.01	0.61	3.2	2.18
3	5/29/1997	Ü	0.02	0.01	0.41	11	6.73
3	6/5/1997	Ü	0.02	0.01	0.11	• • •	0.70
3	6/10/1997	Ë	0.02	0.01	0.35	12.5	8.18
3	6/10/1997	H	0.01	0.01	0.53	0	0.10
3	6/18/1997	U	0.01	0.01	0.00		
3	6/27/1997	Ē	0.01	0	0.38	16.2	2.55
3	6/27/1997	H	0.02	0	0.45	10.2	2.00
3	7/1/1997	E	0.01	Ü	0.10		
3	7/1/1997	H	0.01				
3	7/18/1997	E	0.01	0.01	0.45	20	1.91
3	7/18/1997	H	0.01	0.01	0.46	20	1.01
3	7/31/1997	U	0.01	0.01	0.48	20.5	2.18
3	8/4/1997	E	0.01	0.01	0.40	20.5	2.10
3	8/4/1997	Н	0.02				
3	8/19/1997	Ü	0.02	0.01	0.44	20	6.55
3	8/28/1997	E	0.01	0.01	0.44	20	0.55
3	8/28/1997	Н	0.01				
3	9/11/1997	E	0.01	0.01	0.39	17.5	4.36
3	9/11/1997	Н	0.01	0.01	0.39	17.5	4.50
3	9/29/1997	U	0.01	0.01	0.49	14.2	4
3	10/8/1997	U	0.01	0.01	0.47	13.1	5.18
	10/9/1997	E	0.01	0.01	0.43	13.1	5.16
3	10/9/1997	H	0.01				
3		U	0.01	0.01	0.46	10.2	4
3	11/5/1997					10.2 9	
3	5/5/1998	U	0.02	0.01	0.5		3.71
3	5/20/1998	U	0.02	0.01	0.45	14.3	5.29
3	6/9/1998	E	0.02				
3	6/9/1998	Н	0.01	0.04	0.20	440	2 44
3	6/12/1998	U	0.02	0.01	0.36	14.2	3.44

3	6/25/1998 7/3/1998	U E	0.01 0.02	0.01			0.31	20.1	4.06
3 3	7/3/1998 7/14/1998	H E	0.01 0.02	0.01			0.64	18.8	3.09
3	7/14/1998	Н	0.02	0.01			0.56	10.0	3.09
3	7/14/1998	E	0.01	0.01			0.36	20.1	0.88
3	7/28/1998	Н	0.01	0.01			0.44	20.1	0.00
3	8/4/1998	E	0.01	0.01			0.44		
3	8/4/1998	Н	0.02						
3	8/10/1998	E	0.01	0.01			0.41	19.2	1.59
3	8/10/1998	Н	0.01	0.01			0.41	19.2	1.59
3	8/27/1998	E	0.01	0.01			0.42		
3	8/27/1998	Н	0.02						
3	8/31/1998	E	0.02	0.01			0.49	19.8	8.38
ა 2			0.02	0.01			0.49	19.0	0.30
3	8/31/1998	H		0.01			0.57		
3	9/18/1998	E	0.01						
3	9/18/1998	Н	0.01	0.01			0.22	10	2.42
3	9/21/1998	E	0.02	0.01			0.32	18	2.12
3	9/21/1998	H	0.01	0.01			0.45		
3	10/23/1998	U	0.01	0.01	10.2	4.66	0.56	10 E	13.58
3	5/6/1999	U	0.02	0.01	18.3	4.66	0.56	13.5	
3	6/7/1999	U	0.01	0			0.54	13.2	3.64
3	6/11/1999	E	0.01	0.01			0.39		
3	6/11/1999	H	0.01	0.01			0.5	40.4	F 00
ა ე	7/1/1999	E	0.01	0.01			0.32	18.4	5.09
3 3 3	7/1/1999	Н	0.01	0.01	17.1	4.40	0.47	40.7	0.40
ა ე	7/21/1999	E	0.01	0.01	17.4	4.43	0.42	18.7	2.18
3 3 3	7/21/1999	Н	0.02	0.01	17 17.7	4.33	0.45		
3	7/26/1999	E	0.02	0.01	17.7	4.43	0.4		
3	7/26/1999	H	0.01	0.01	17.8	4.38	0.51	00.0	40.50
3	8/3/1999	E	0.02	0.01			0.43	20.6	13.58
3	8/3/1999	H	0.02	0.01			0.43		
3	8/5/1999	E	0.02	0.01			0.38		
3	8/5/1999	H	0.01	0.01			0.47	40.0	0.04
3	8/11/1999	E	0.02	0.01			0.41	18.8	8.24
3	8/11/1999	Н	0.01	0.01			0.46	04	12.00
3	8/23/1999	E	0.01	0.01			0.33	21	13.09
3	8/23/1999	Н	0.01	0.01			0.44		
3	8/24/1999	E	0.01	0			0.4		
3	8/24/1999	H	0.01	0.01			0.5	00.5	0.04
3	9/7/1999	E	0.01	0.01			0.38	20.5	3.64
3	9/7/1999	Н	0.01	0.01			0.45		
3	9/15/1999	E	0.02	0.01			0.4		
3 3	9/15/1999	H U	0.04	0.01	15.5	4	0.49	15.0	2.42
3	9/24/1999	U	0.01	0.01 0.01	15.5	4	0.44 0.44	15.8	2.42 8.24
		1.1					1144		
	10/12/1999	Stratum	0.01		Ca (ma/l)	Ma(ma/l)		14 Tomp	
Lake Location	10/12/1999 Date	Stratum	TP (mg/l)	DP (mg/l)	Ca (mg/l)	Mg(mg/l)	TN(mg/l)	Temp	Chl-a
Lake Location 4	10/12/1999 Date 5/7/1992	Stratum U	TP (mg/l) 0.01	DP (mg/l) 0.01	Ca (mg/l)	Mg(mg/l)	TN(mg/l) 0.56	Temp 2.7	
Lake Location 4 4	10/12/1999 Date 5/7/1992 5/7/1992	Stratum U U	0.01 0.01	0.01 0.01	Ca (mg/l)	Mg(mg/l)	TN(mg/l) 0.56 0.56	2.7 3.1	
Lake Location 4	10/12/1999 Date 5/7/1992	Stratum U	TP (mg/l) 0.01	DP (mg/l) 0.01	Ca (mg/l)	Mg(mg/l)	TN(mg/l) 0.56	Temp 2.7	

4	6/9/1992	Е	0.02	0.01	0.43 14.4	
4	6/9/1992	H	0.01	0.01	0.46 4.5	
4	6/23/1992	Е	0.01	0.01	0.48	
4	6/23/1992	Н	0.01	0.01	0.54	
4	7/9/1992	Ε	0.01	0.01	0.51	
4	7/9/1992	Н	0.01	0.01	0.53	
4	7/22/1992	Ε		0.01	0.65	
4	7/22/1992	Н	0.01	0.01	0.52	
4	8/10/1992	Ε	0.01	0.01	0.43	
4	8/10/1992	Н	0.01	0.01	0.58	
4	8/18/1992	E	0.02	0.01	0.41	
4	8/18/1992	Н	0.01	0.01	0.5	
4	9/2/1992	E	0.01	0.01	0.38	
4	9/2/1992	Н	0.01	0.01	0.55	
4	9/16/1992	Ε	0.01	0	0.42	
4	9/16/1992	Н	0.01	0.01	0.51	
4	10/1/1992	Ε	0.01	0.01	0.33	
4	10/1/1992	Н	0.01	0.01	0.57	
4	10/14/1992	Ε	0.01	0	0.37	
4	10/14/1992	Н	0.01	0.01	0.48	
4	11/9/1992	Е	0.01	0.01	0.39 9.1	
4	11/9/1992	Н	0.01	0.01	0.39 9.1	
4	5/10/1993	Е	0.01	0.01	0.44	
4	5/10/1993	Н	0.01	0.01	0.47	
4	5/20/1993	E	0.02	0.01	0.43	
4	5/20/1993	H	0.02	0.01	0.45	
4	6/16/1993	E	0.03	0.01	0.34	
4	6/16/1993	H	0.02	0.01	0.41	
4	6/29/1993	E	0.01	0.01	0.41	
4	6/29/1993	H	0.01	0.01	0.49	
4	7/8/1993	E	0.02	0.04	0.20	
4	7/20/1993	E	0.02	0.01	0.39	
4	7/20/1993	Н	0.01	0.01	0.48	
4	8/3/1993 8/3/1993	E	0.01	0.01	0.36 0.46	
4 4	8/18/1993	H E	0.01 0.01	0.01 0.01	0.46	
4	8/18/1993	H	0.01	0.01	0.41	
4	8/24/1993	E	0.02	0.01	0.0	
4	9/7/1993	E	0.01	0.01	0.33	
4	9/7/1993	Н	0.01	0.01	0.33	
4	9/22/1993	E	0.02	0.02	0.35	
4	9/22/1993	Н	0.01	0.02	0.48	
4	10/6/1993	E.	0.01	0	0.39	
4	10/6/1993	H	0.01	0.01	0.48	
4	10/19/1993	E	0.01	0	0.10	
4	10/28/1993	Ū	0.01	0.01	0.45	
4	5/20/1994	Ü	0.01	0.01	0.55 7.6	
4	6/1/1994	Ü	0.02	0.01	0.53	
4	6/14/1994	Ē	0.02	0	0.49	
4	6/28/1994	Ē	0.01	0.01	0.38	
4	7/13/1994	Е	0.01	0.01	0.4	
4	7/29/1994	Н	0.01	0.01	0.5	

4	8/3/1994	Е	0.01	0			
4	9/3/1994	Ē	0.01	0.01	0.24		
4	9/21/1994	Ē	0.01	0	0.53		
4	10/12/1994	Е	0.01	0.01			
4	5/2/1995	U	0.01	0.01	0.69		
4	6/6/1995	E	0.01	0	0.41	13.7	1.75
4	6/6/1995	Н	0.01	0	0.4	14.7	
4	7/11/1995	Е	0.01	0.01	0.32	20.5	
4	7/11/1995	H	0.01	0.01	0.37	4.9	2.14
4	7/27/1995	E	0.01	0.01	0.32		
4	7/27/1995	H	0.01	0.01	0.39		
4	8/16/1995	E	0.01	0	0.3		
4	8/16/1995	H	0.01	0	0.67		
4	8/30/1995	E	0.01	0	0.01		
4	9/19/1995	Ē	0.03	0.01	0.31		
4	9/19/1995	H	0.01	0.01	0.43		
4	10/10/1995	E	0.01	0.01	0.39		
4	10/10/1995	H	0.01	0.01	0.45		
4	10/26/1995	Ü	0.02	0.01	0.4		
4	6/12/1996	E	0.02	0.01	0.48	12.6	4.88
4	6/12/1996	Н	0.02	0.01	0.46	12.6	4.00
4	6/28/1996	E	0.01	0.01	0.41	12.0	3.9
4	6/28/1996	Н	0.01	0.01	0.62		5.5
4	7/18/1996	E	0.01	0.01	0.02		
4	7/18/1996	Н	0.01				
4	7/13/1996	Ü	0.01	0.01	0.37	16	2.15
4	8/1/1996	E	0.01	0.01	0.37	18.9	2.73
4	8/1/1996	Н	0.01	0.01	0.52	10.9	2.73
4	8/15/1996	E	0.01	0.01	0.32	21	3.9
		Н	0.01	0.01	0.45	21	3.9
4 4	8/15/1996 8/29/1996	E	0.01	0.01	0.33	18.8	8.78
4	8/29/1996		0.01	0.01		10.0	0.70
4		H E	0.01	0.01	0.5		
	9/4/1996	Н					
4	9/4/1996		0.01	0	0.20	10.2	2.00
4	9/10/1996	E	0.01	0	0.38	19.2	3.98
4	9/10/1996	H	0.01	0.01	0.5	40	2.42
4	9/24/1996	E	0.01	0	0.43	18	3.12
4	9/24/1996	H	0.01	0.01	0.54		
4	10/10/1996	E	0.01				
4	10/10/1996	Н	0.01	0.04	0.40	7.0	4.04
4	5/28/1997	U	0.02	0.01	0.48	7.8	4.91
4	6/3/1997	U	0.02	0.04	0.54	440	0.00
4	6/9/1997	U	0.01	0.01	0.54	14.9	6.36
4	6/19/1997	U	0.02	0.04		4=0	•
4	6/24/1997	U	0.01	0.01	0.48	15.2	3
4	7/1/1997	E	0.01				
4	7/1/1997	H	0.01	-			
4	7/11/1997	E	0.01	0	0.35	17.9	3.41
4	7/11/1997	H	0.01	0.01	0.42		
4	7/15/1997	E	0.01				
4	7/15/1997	H	0.01				
4	7/30/1997	Е	0.01	0	0.38	18	0.62

4	7/30/1997	Н	0.01	0.01			0.47	20.1	2
4 4	8/12/1997 8/12/1997	E H	0.01 0.01	0.01 0.01			0.37 0.5	20.1	3
4	8/19/1997	E	0.01	0.01			0.5		
4	8/19/1997	Н	0.01						
4	9/8/1997	U	0.01	0.01			0.42	17.9	4.5
4	10/7/1997	E	0.01	0.01			0.42	13.3	4.23
4	10/7/1997	E	0.01	0.01			0.59	13.3	4.23
4			0.01	0.01			0.49		
4	10/7/1997	Н		0.01			0.49		
4	10/7/1997	Н	0.01 0.01	0.01			0.52	13	1 EE
4	10/15/1997	U U	0.01	0.01 0.01			0.53 0.28	8.3	4.55 2.38
	5/13/1998	U	0.01	0.01			0.20	0.3	2.30
4	5/18/1998			0.01			0.42	12.0	2 40
4	5/28/1998	U	0.01	0.01			0.43	13.8	3.18
4	6/8/1998	E	0.01						
4	6/8/1998	H	0.01	0.04			0.04	44.0	4 44
4	6/10/1998	U	0.01	0.01			0.34	14.8	1.41
4	6/24/1998	Ū	0.01	0.01			0.37	17.2	3.18
4	7/6/1998	E	0.01						
4	7/6/1998	H	0.01	0.04			0.40	40.0	0.47
4	7/16/1998	E	0.01	0.01			0.46	19.2	2.47
4	7/16/1998	H	0.01	0			0.57	04.4	4.04
4	7/30/1998	E	0.01	0.01			0.49	21.1	4.94
4	7/30/1998	H	0.01	0			0.46		
4	7/31/1998	E	0.01						
4	7/31/1998	H	0.01	0.04			0.00	04.0	4.04
4	8/11/1998	E	0.01	0.01			0.26	21.8	4.24
4	8/11/1998	H	0.01	0.01			0.38		
4	8/27/1998	E	0.01						
4	8/27/1998	H	0.01						_
4	8/28/1998	E	0.01	0.01			0.42	19.9	3
4	8/28/1998	H	0.01	0.01			0.47		
4	9/18/1998	Е	0.02						
4	9/18/1998	Е	0.01	0.01			0.32		3.35
4	9/18/1998	Н	0.01						
4	9/18/1998	Н	0.02	0.01			0.42		
4	10/6/1998	Ε	0.01	0			0.39	13.7	1.54
4	10/6/1998	Н	0.01	0.01			0.45		
4	10/13/1998	Ε	0.01						
4	10/13/1998	Н	0.01						
4	5/4/1999	U	0.01	0.01	17	4.22	0.55		
4	5/14/1999	U	0.01	0.01			0.45	5.8	3.88
4	6/4/1999	Е	0.01	0.01			0.46	12	6.55
4	6/4/1999	Н	0.01	0.01			0.5		
4	6/7/1999	Ε	0.01	0.01			0.42		
4	6/7/1999	Н	0.01	0.01			0.45		
4	6/21/1999	U	0.01	0.01			0.44	17.8	8.73
4	6/30/1999	Ε	0.02	0.01			0.39		
4	6/30/1999	Н	0.01	0.01			0.48		
4	7/16/1999	Е	0.01	0.01			0.39	19.2	2.42
4	7/16/1999	Н	0.01	0.01			0.48		
4	7/28/1999	Ε	0.01	0.01	16	4.09	0.37	21.2	2.54

4	7/28/1999	Е	0.01	0.01	16.4	4.08	0.34		
4	7/28/1999	Н	0.01	0.01	15.4	3.93	0.45		
4	7/28/1999	H	0.01	0.01	16.5	4.11	0.49		
4	8/10/1999	E	0.01	0.01			0.38	18	7.51
4	8/10/1999	E	0.01	0.01			0.35		
4	8/10/1999	H	0.01	0.01			0.47		
4	8/10/1999	H	0.01	0.01			0.45		0 =0
4	8/24/1999	E	0.01	0.01			0.33	20.8	8.73
4	8/24/1999	H	0.01	0.01			0.45		
4	8/31/1999	E	0.01	0			0.31		
4	8/31/1999	H	0.01	0.01			0.49	04.4	0.04
4	9/9/1999	E	0.01	0			0.31	21.4	8.24
4 4	9/9/1999	H E	0.01 0.01	0.01 0.01			0.47 0.37		
	9/28/1999	H	0.01	0.01			0.37		
4 4	9/28/1999 9/28/1999	U	0.01	0.01	17	4.2	0.44	16	7.51
4	10/19/1999	U	0.01	0.01	17	4.2	0.42	10	3.15
4	10/19/1999	U	0.01	0.01	17	4.26	0.33		3.13
Lake Location	Date	Stratum	TP (mg/l)			Mg(mg/l)	TN(mg/l)	Temp	Chl-a
					ou (mg/i)	g(g,.,)		Tomp	
5	5/15/1992	U	0.02	0.01			0.58		5.9
5	5/15/1992	U	0.01	0.01			0.56	0.4	
5	5/20/1992	U	0.03	0.01			0.56	9.1	
5	6/9/1992	U	0.02	0.01			0.48	13.6	
5	6/23/1992	U	0.01	0.01			0.46		
5	7/9/1992	U	0.01	0.01			0.48		
5	7/22/1992	U	0.01	0.01			0.44		
5 5	8/10/1992	U E	0.01	0.01			0.43		
5 5	8/18/1992	H	0.01 0.01	0.01 0			0.39 0.4		
5 5	8/18/1992 9/2/1992	U	0.01	0.01			0.4		
5	9/16/1992	U	0.01	0.01			0.34		
5	10/1/1992	U	0.01	0.01			0.43		
5	10/14/1992	U	0.01	0.01			0.37		
5	11/9/1992	U	0.01	0.01			0.38	9.1	
5	5/10/1993	U	0.01	0.01			0.46	0.1	
5	5/20/1993	Ü	0.03	0.01			0.51		
5	6/16/1993	Ē	0.02	0.01			0.34		
5	6/29/1993	Ū	0.02	0.01			0.42		
5	7/8/1993	Ē	0.01						
5	7/23/1993	U	0.01	0.01			0.37		
5	8/6/1993	Е	0.01	0.01			0.43		
5	8/6/1993	Н	0.01	0.01			0.4		
5	8/18/1993	E	0.03	0.01			0.43		
5	8/18/1993	Н	0.01	0.01			0.44		
5	8/24/1993	E	0.01	0.01					
5	9/7/1993	E	0.01	0.01			0.36		
5	9/7/1993	Н	0.01	0.01			0.36		
5	9/21/1993	E	0.01	0.01			0.43		
5	10/6/1993	E	0.01	0.01			0.4		
5	10/14/1993	U	0.01	0.01					
5	5/20/1994	U	0.01	0.01			0.49	7.1	

5	6/1/1994	U	0.02	0.01	0.55		
5	6/14/1994	Ε	0.02	0	0.46		
5	6/28/1994	Ε	0.02	0.01	0.41		
5	7/13/1994	Ε	0.01	0.01	0.34		
5	7/29/1994	Ε	0.01	0.01	0.53		
5	8/3/1994	Ε	0.01	0			
5	8/11/1994	U	0.01	0	0.33	19.9	
5	9/3/1994	Е	0.01	0.01	0.26		
5	9/21/1994	U	0.01	0.01	0.4		
5	10/13/1994	Е	0.01	0.01			
5	6/6/1995	U	0.01	0	0.41		1.97
5	7/11/1995	U	0.01	0.01	0.42	20.8	2.92
5	7/27/1995	Ū	0.01	0.01	0.3		
5	8/16/1995	Ü	0.01	0	0.25		
5	9/19/1995	Ü	0.01	0.01	0.36		
5	10/10/1995	Ü	0.01	0.01	0.4		
5	6/19/1996	Ü	0.02	0.01	0.51	16	2.93
5	7/3/1996	Ē	0.02	0.01	0.45		2.93
5	7/3/1996	Н	0.02	0.01	0.36		2.50
5	7/18/1996	E	0.01	0.01	0.50		
5	7/18/1996	Н	0.01				
5	7/10/1990	Ü	0.02	0	0.43	16.8	0.88
5	8/1/1996	E	0.02	0	0.43		2.63
5	8/1/1996	Н	0.01	0	0.48		2.03
5	8/15/1996	U	0.02	0.01	0.46		4.57
5 5	8/29/1996	U	0.01	0.01	0.47		4.57 8.43
5	9/4/1996	U	0.01	0.01	0.44	10.0	0.43
5 5	9/10/1996	U	0.02	0	0.45	10.0	2 20
				0	0.45		3.28
5	9/24/1996	U	0.01	0	0.45	17.6	2.15
5	10/10/1996	U	0.01	0.04	0.40	0.5	4.70
5	10/17/1996	U	0.01	0.01	0.42		1.76
5	5/28/1997	U	0.01	0.01	0.43	8.2	1.75
5	6/3/1997	Ū	0.02	•	0.44	45.5	5.04
5	6/9/1997	E	0.01	0	0.41		5.64
5	6/9/1997	H	0.01	0	0.51		
5	6/19/1997	U	0.01	2.24	2.42	4-	
5	6/24/1997	U	0.01	0.01	0.42	17	3.41
5	7/1/1997	E	0.01				
5	7/1/1997	H	0.01				
5	7/11/1997	E	0.01	0	0.33		1.45
5	7/11/1997	Н	0.01	0.01	0.39		
5	7/15/1997	Е	0.01				
5	7/15/1997	Н	0.01				
5	7/30/1997	U	0.01	0.01	0.38		2.18
5	8/12/1997	Ε	0.01	0	0.37		2.73
5	8/12/1997	Н	0.01	0.01	0.48		
5	8/19/1997	U	0.01				
5	9/8/1997	Ε	0.01	0.01	0.35		3.68
5	9/8/1997	Н	0.01	0.01	0.48		
5	10/7/1997	U	0.01				
5	10/7/1997	U	0.01	0.01	0.4	14	3.27
5	10/15/1997	U	0.01	0.01	0.4	13	5.27

5	5/13/1998	U	0.01	0.01			0.3	10.1	4.06
5	5/18/1998	E	0.02	0			0.44	40.0	5 OF
5	5/28/1998	U E	0.01 0.01	0			0.41	16.8	5.65
5 5	6/8/1998 6/10/1998	U	0.01	0.01			0.3	14.3	1.5
5	6/24/1998	E	0.01	0.01			0.37	21.4	8.82
5	6/24/1998	Н	0.03	0.01			0.31	21. 4	0.02
5	7/6/1998	E	0.02	U			0.01		
5	7/6/1998	H	0.01						
5	7/16/1998	U	0.02	0.01			0.56	21.2	3.53
5	7/30/1998	Ē	0.01	0.01			0.37	21.2	5.47
5	7/30/1998	Н	0.01	0.01			0.38	14	
5	7/31/1998	Е	0.01						
5	7/31/1998	Н	0.01						
5	8/11/1998	E	0.02	0.01			0.24	22	3.53
5	8/11/1998	Н	0.01	0			0.3		
5	8/27/1998	E	0.02						
5	8/28/1998	U	0.01	0			0.46		3
5	9/18/1998	E	0.01						
5	9/18/1998	U	0.02	0.01			0.34	17.7	2.65
5	10/6/1998	U	0.01	0.01			0.39	13.7	1.5
5	5/4/1999	U	0.01	0.01	16.9	4.17	0.48		
5	5/14/1999	U	0.01	0.01			0.54	4.8	3.39
5	6/4/1999	Ε	0.01	0			0.41	14	4.61
5	6/4/1999	Н	0.01	0			0.49		
5	6/7/1999	U	0.01	0.01			0.41		
5	6/21/1999	E	0.01	0.01			0.36	18.2	11.64
5	6/21/1999	H	0.01	0.01			0.4		
5	6/30/1999	E	0.02	0.01			0.46		
5	6/30/1999	Н	0.01	0.01			0.65	00.0	0.04
5	7/16/1999	U	0.01	0.01	40.0	4.40	0.39	20.2	3.64
5	7/28/1999	U	0.01	0.01	16.8	4.13	0.58	24.2	2.04
5	7/28/1999	U	0.01	0.01	15.6	3.98	0.36	21.2	2.91
5 5	8/10/1999 8/10/1999	U U	0.01 0.01	0.01			0.35 0.5	18.3	5.33
5 5	8/24/1999	U		0.01 0.01			0.32	22	9.21
5	8/31/1999	U	0.01 0.01	0.01			0.32	22	9.21
5	9/9/1999	U	0.01	0			0.44	21.5	11.64
5	9/28/1999	U	0.01	0.01	16.9	4.26	0.38	16.2	14.06
5	9/28/1999	Ü	0.01	0.01	10.5	7.20	0.4	10.2	14.00
5	10/19/1999	Ü	0.01	0.01			0.4		3.64
5	10/19/1999	Ü	0.01	0.01	17	4.27	0.43		0.01
Lake Location	Date	Stratum	TP (mg/l)	DP (mg/l)			TN(mg/l)	Temp	Chl-a
6	5/19/1992	E	0.01	0			0.52	12.1	
6	5/19/1992	Н	0.01	0			0.52	6.9	
6	6/9/1992	E	0.01	0.01			0.4	17.3	
6	6/9/1992	H	0.01	0.01			0.46	8.4	
6	6/23/1992	E	0.01	0.01			0.42	3.	
6	6/23/1992	H	0.02	0.01			0.5		
6	7/9/1992	E	0.01	0			0.44		
6	7/9/1992	Н	0.01	0.01			0.49		

6	7/22/1992 7/22/1992	E H	0.01 0.01	0	0.39 0.57		
6	8/10/1992	E	0.01	0	0.46		
6	8/10/1992 8/18/1992	H E	0	0 0	0.7 0.29		
6	8/18/1992 8/18/1992		0.01 0.01		0.29		
6 6	9/2/1992	H E	0.01	0.01 0	0.37		
6	9/2/1992	Н	0.01	0	0.57 0.55		
6	9/16/1992	E	0.01	0	0.36		
6	9/16/1992	Н	0.01	0	0.53		
6	10/1/1992	E	0.01	0	0.3		
6	10/1/1992	Н	0.01	0	0.51		
6	10/14/1992	E	0.01	0	0.3		
6	10/14/1992	H	0.01	0	0.27		
6	11/10/1992	U	0.01	0.01	0.29	5.4	
6	5/12/1993	Ē	0.01	0.01	0.4	9	
6	5/12/1993	H	0.02	0.01	0.43	5.3	
6	5/26/1993	E	0.01	0	0.37		
6	5/26/1993	Н	0.01	0.01	0.42		
6	6/9/1993	E	0.01	0	0.3		
6	6/9/1993	Н	0.01	0	0.38		
6	6/29/1993	Е	0.01	0	0.32		
6	6/29/1993	Н	0.01	0	0.42		
6	7/8/1993	E	0.01				
6	7/20/1993	E	0.01	0.01	0.34		
6	7/20/1993	Н	0.01	0.01	0.48		
6	8/6/1993	E	0.01	0.01	0.38		
6	8/6/1993	Н	0.01	0	0.49		
6	8/17/1993	Е	0.01	0.01	0.27		
6	8/17/1993	Н	0.01	0.01	0.55		
6	9/7/1993	E	0.01	0.01	0.29		
6	9/7/1993	H	0.01	0.01	0.48		
6	9/21/1993	E	0.01	0.01	0.28		
6	9/21/1993	H	0.01	0	0.47		
6	10/6/1993	E	0.01	0	0.34		
6	10/6/1993	Н	0.01	0	0.38		
6	10/14/1993	U	0.01	0	0.30	<i></i>	
6	11/9/1993	U U	0.01	0 0	0.39 0.54	5.5 8.1	
6 6	5/18/1994 5/27/1994	U	0.01 0.02	0.02	0.49	0.1	
6	6/15/1994	E	0.02	0.02	0.49		
6	6/28/1994	E	0.01	0.01	0.43		
6	7/13/1994	E	0.01	0.01	0.38		
6	7/19/1994	Н	0.01	0.01	0.65	14.1	
6	8/11/1994	E	0.01	0	0.29	21	
6	9/3/1994	Ē	0.01	0.01	0.29		
6	9/21/1994	Ē	0.01	0	0.45		
6	5/11/1995	Ē	0.01	0	0.42	6.3	2.1
6	5/11/1995	Ū	- · - ·	-	· -		
6	5/11/1995	Ü					
6	5/11/1995	U					
6	5/11/1995	U					

6 6 6 6	5/11/1995 5/11/1995 5/11/1995 5/11/1995 5/11/1995	U U U U					
6	6/5/1995	Е	0.01	0	0.38	17.5	2.88
6	6/5/1995	Н	0.01	0	0.47	9.1	
6	7/7/1995	Ε	0.01	0	0.31	22.4	2.06
6	7/7/1995	Н	0.01	0	0.5	8.7	
6	7/20/1995	Ε	0.01	0	0.26	21	1.75
6	7/20/1995	Н	0.01	0	0.38	7.3	
6	8/16/1995	Ε	0.02	0.01	0.35		
6	8/16/1995	Н	0.01	0	0.48		
6	8/25/1995	Ε	0.02	0	0.29	20.2	3.06
6	8/25/1995	Н	0.01	0	0.41	8.7	
6	9/19/1995	Ε	0.01	0	0.3	15.8	1.75
6	9/19/1995	Н	0.01	0	0.42	8.8	
6	10/12/1995	U	0.01	0.01	0.37	13.1	1.93
6	10/19/1995	U	0.02	0	0.42		
6	6/17/1996	Ε	0.01	0	0.42	20.5	2.34
6	6/17/1996	Н	0.01	0.01	0.46		
6	6/26/1996	Ε	0.01				
6	6/26/1996	Н	0.01				
6	6/27/1996	Ε	0.01		0.41	17	2.71
6	6/27/1996	Н	0.01	0	0.5		
6	7/12/1996	Ε	0.01	0.01	0.4	18	1.95
6	7/12/1996	Н	0.01	0.01	0.51		
6	7/18/1996	Ε	0.01				
6	7/18/1996	Н	0.01				
6	7/30/1996	Ε	0.01	0	0.4	20.6	3.22
6	7/30/1996	Н	0.01	0	0.5		
6	8/1/1996	Ε	0.01				
6	8/1/1996	Н	0.01				
6	8/12/1996	Ε	0.01	0.01	0.37	20.2	2.34
6	8/12/1996	Н	0.01	0.01	0.54		
6	8/19/1996	Ε	0.01				
6	8/19/1996	Н	0.01				
6	8/26/1996	Ε	0.01	0	0.35	20	
6	8/26/1996	Н	0.01	0.01	0.54		
6	9/4/1996	Ε	0.01				
6	9/4/1996	Н	0.01				
6	9/9/1996	Ε	0.01	0.01	0.4	20.1	1.52
6	9/9/1996	Н	0.01	0	0.69		
6	9/23/1996	Ε	0.01	0	0.36	19.2	3.16
6	9/23/1996	Н	0.01	0.01	0.57		
6	9/24/1996	E	0.01				
6	9/24/1996	Н	0.01				
6	10/7/1996	U	0.01	0	0.4	14.2	3.66
6	10/10/1996	U	0.01				
6	5/27/1997	U	0.01	0.01	0.41	6.8	3.82
6	5/28/1997	U	0.01	-		40.5	
6	6/6/1997	U	0.01	0	0.48	13.8	4.36

6	6/19/1997	U	0.01				
6	6/30/1997	Е	0.01	0	0.33	20.8	5.05
6	6/30/1997	Н	0.01	0	0.45		
6	7/2/1997	E	0.01				
6	7/2/1997	Н	0.01				
6	7/10/1997	Ε	0.01	0.01	0.32		5.18
6	7/10/1997	Н	0.01	0.01	0.46		
6	7/15/1997	E	0.01				
6	7/15/1997	Н	0.01				
6	7/28/1997	Е	0.01	0	0.44	20.8	2.32
6	7/28/1997	Н	0.01	0	0.61		
6	8/11/1997	Е	0.01	0.01	0.33	22.1	2.18
6	8/11/1997	Н	0.01	0	0.53		
6	8/18/1997	Е	0.01	-			
6	8/18/1997	H	0.01				
6	9/2/1997	E	0.01	0.01	0.31	21	2.45
6	9/2/1997	H	0.01	0.01	0.5		2.10
6	9/18/1997	 E	0.01	0.01	0.35	18.8	3.82
6	9/18/1997	H	0.01	0.01	0.57	10.0	0.02
6	10/6/1997	E E	0.01	U	0.57		
6	10/6/1997	Н	0.01				
6	10/9/1997	E	0.01	0	0.4	13.3	3.64
6	10/9/1997	Н	0.01	0	0.4	13.3	3.04
						11 1	4.26
6	10/30/1997	U	0.01	0.01	0.41	11.1	4.36
6	5/11/1998	U	0.01	0	0.31	12.3	3.79
6	5/18/1998	Ū	0.02	0.04	0.44	47	0.74
6	5/19/1998	Ε	0.01	0.01	0.44	17	2.74
6	5/19/1998	H	0.01	0.01	0.5		
6	6/8/1998	E	0.01				
6	6/8/1998	H	0.01	_			
6	6/16/1998	E	0.01	0	0.32	16.8	2.29
6	6/16/1998	Н	0.01	0	0.44		
6	6/30/1998	Е	0.02	0.01	0.43	21.1	3
6	6/30/1998	Н	0.01	0	0.53		
6	7/7/1998	E	0.01				
6	7/7/1998	Н	0.01				
6	7/15/1998	E	0.01	0	0.52	20.5	5.82
6	7/15/1998	Н	0.01	0	0.56		
6	7/29/1998	Ε	0.01	0	0.38		3.18
6	7/29/1998	Н	0.01	0	0.48		
6	8/3/1998	Ε	0.01				
6	8/3/1998	Н	0.01				
6	8/11/1998	Ε	0.01	0.01	0.28	21.8	2.38
6	8/11/1998	Н	0.01	0.01	0.38		
6	8/26/1998	Ε	0.01				
6	8/26/1998	Е	0.01	0.01	0.38	20.7	3.26
6	8/26/1998	H	0.01	-			-
6	8/26/1998	H	0.01	0.01	0.57		
6	9/17/1998	E	0.01	0.01	0.36	17.5	2.82
6	9/17/1998	Ē	0.01		3.33		~ _
6	9/17/1998	H	0.01	0	0.49		
6	9/17/1998	 H	0.01	-	0.10		
-	5. 117 1000	••	0.0.				

6	10/5/1998	U	0.01	0			0.45	13.8	2.03
6	5/4/1999	U	0.01	0.01	13	2.54	0.47		
6	5/14/1999	U	0.01	0.01			0.46	10.7	4.12
6	6/2/1999	Е	0.02	0.01			0.48	16.6	4.61
6	6/2/1999	Н	0.01	0			0.47		
6	6/7/1999	Е	0.01	0.01			0.47		
6	6/7/1999	H	0.01	0.01			0.48		
6	6/22/1999	E	0.01	0.01			0.44	20.1	2.91
6	6/22/1999	H	0.01	0.01			0.63	_0	2.0.
6	6/30/1999	E.	0.01	0.01			0.38		
6	6/30/1999	H	0.01	0.01			0.53		
6	7/9/1999	E	0.01	0.01			0.36	19.8	3.64
6	7/9/1999	H	0.01	0.01			0.54	13.0	3.04
6	7/22/1999	E	0.01	0.01	13.8	2.76	0.37	20.4	3.88
6		H	0.01	0.01	13.6	2.76	0.37	20.4	3.00
6	7/22/1999	E							
	7/28/1999		0.01	0.01	13.9	2.73	0.37		
6	7/28/1999	H	0.01	0.01	13	2.55	0.53	20.2	0.07
6	8/4/1999	E	0.01	0			0.34	20.2	8.97
6	8/4/1999	H	0.01	0.01			0.51		
6	8/10/1999	E	0.01	0			0.32		
6	8/10/1999	H	0.01	0			0.44	00.4	0.04
6	8/12/1999	Ε	0.01	0.01			0.28	20.4	8.24
6	8/12/1999	H	0.01	0.01			0.5		
6	8/26/1999	E	0.01	0			0.25	22.2	6.79
6	8/26/1999	H	0.01	0.01			0.48		
6	8/31/1999	Е	N N1	Λ			N 25		
			0.01	0			0.25		
6	8/31/1999	Н	0.01	0			0.57		
6 6	8/31/1999 9/8/1999	H E	0.01 0.01	0 0			0.57 0.26	21.5	5.33
6 6 6	8/31/1999 9/8/1999 9/8/1999	H E H	0.01 0.01 0.01	0			0.57 0.26 0.5	21.5	5.33
6 6 6	8/31/1999 9/8/1999 9/8/1999 9/28/1999	H E H E	0.01 0.01 0.01 0.01	0 0 0			0.57 0.26 0.5 0.32	21.5	5.33
6 6 6 6	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999	H E H E H	0.01 0.01 0.01 0.01 0.01	0 0 0 0.01	40.7		0.57 0.26 0.5 0.32 0.4		
6 6 6 6 6	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999	H E H E H	0.01 0.01 0.01 0.01 0.01 0.01	0 0 0 0.01	13.7	2.72	0.57 0.26 0.5 0.32 0.4 0.31	21.5 17	5.33 4.12
6 6 6 6 6	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999	H E H E H	0.01 0.01 0.01 0.01 0.01 0.01 0.01	0 0 0 0.01 0	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49	17	4.12
6 6 6 6 6 6 Lake Location	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999 Date	H E H E H Stratum	0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/l)	0 0 0 0.01 0 0 DP (mg/l)		2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49		
6 6 6 6 6 6 Lake Location	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999 Date 5/12/1992	H E H E H Stratum	0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/l)	0 0 0 0.01 0 0 DP (mg/l)	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l)	17	4.12
6 6 6 6 6 6 Lake Location 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/29/1999 9/29/1999 Date 5/12/1992 5/12/1992	H E H E H Stratum	0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/l) 0.02 0.01	0 0 0 0.01 0 0 DP (mg/l) 0.01	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44	17 Temp	4.12
6 6 6 6 6 6 Lake Location 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999 Date 5/12/1992 5/12/1992	H E H E H Stratum E H	0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/I) 0.02 0.01 0.02	0 0 0 0.01 0 0 DP (mg/l) 0.01 0.01	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48	17 Temp 9.1	4.12
6 6 6 6 6 6 Lake Location 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/29/1999 9/29/1999 Date 5/12/1992 5/12/1992	H E H E H Stratum E H E	0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/l) 0.02 0.01 0.02 0.01	0 0 0 0.01 0 0 DP (mg/l) 0.01 0.01 0.01	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44	17 Temp 9.1 6.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999 Date 5/12/1992 5/12/1992	H E H E H Stratum E H E	0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/l) 0.02 0.01 0.02 0.01 0.02	0 0 0 0.01 0 0 DP (mg/l) 0.01 0.01 0.01 0.01	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44 0.49	17 Temp 9.1 6.2 14.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/29/1999 9/29/1999 Date 5/12/1992 5/19/1992 5/19/1992	H E H E H Stratum E H E H	0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/l) 0.02 0.01 0.02 0.01 0.02 0.01 0.02	0 0 0 0.01 0 0 DP (mg/l) 0.01 0.01 0.01 0.01 0.01	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44 0.49 0.39	17 Temp 9.1 6.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/29/1999 9/29/1999 Date 5/12/1992 5/12/1992 5/19/1992 6/4/1992	H E H E H Stratum E H E	0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/l) 0.02 0.01 0.02 0.01 0.02	0 0 0 0.01 0 0 DP (mg/l) 0.01 0.01 0.01 0.01	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44 0.49	17 Temp 9.1 6.2 14.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/29/1999 9/29/1999 Date 5/12/1992 5/12/1992 5/19/1992 6/4/1992 6/4/1992	H E H E H Stratum E H E H	0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/l) 0.02 0.01 0.02 0.01 0.02 0.01 0.02	0 0 0 0.01 0 0 DP (mg/l) 0.01 0.01 0.01 0.01 0.01	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44 0.49 0.39	17 Temp 9.1 6.2 14.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/29/1999 9/29/1999 Date 5/12/1992 5/12/1992 5/19/1992 6/4/1992 6/4/1992 6/24/1992	H E H E H Stratum E H E H E	0.01 0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/l) 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01	0 0 0 0.01 0 0 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44 0.49 0.39 0.44	17 Temp 9.1 6.2 14.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7 7 7 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999 Date 5/12/1992 5/12/1992 5/19/1992 6/4/1992 6/4/1992 6/24/1992 6/24/1992	H E H E H Stratum E H E H E H E	0.01 0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/l) 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02	0 0 0 0 0.01 0 0 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44 0.49 0.39 0.44 0.47	17 Temp 9.1 6.2 14.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7 7 7 7 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999 Date 5/12/1992 5/12/1992 5/19/1992 6/4/1992 6/4/1992 6/24/1992 7/8/1992	H E H E H Stratum E H E H E	0.01 0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/l) 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01	0 0 0 0 0 0 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.0	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44 0.49 0.39 0.44 0.47 0.39	17 Temp 9.1 6.2 14.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7 7 7 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999 Date 5/12/1992 5/12/1992 5/19/1992 6/4/1992 6/24/1992 6/24/1992 7/8/1992 7/8/1992	H E H E H Stratum E H E H E H E	0.01 0.01 0.01 0.01 0.01 0.01 0.01 TP (mg/l) 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02	0 0 0 0.01 0 0 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.0	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44 0.49 0.39 0.44 0.47 0.39 0.47	17 Temp 9.1 6.2 14.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7 7 7 7 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999 Date 5/12/1992 5/12/1992 5/19/1992 6/4/1992 6/4/1992 6/24/1992 7/8/1992 7/8/1992 7/21/1992	H E H E H Stratum E H E H E H E	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01	0 0 0 0 0 0 0 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.0	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44 0.49 0.39 0.44 0.47 0.39 0.47	17 Temp 9.1 6.2 14.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7 7 7 7 7 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999 Date 5/12/1992 5/12/1992 5/19/1992 6/4/1992 6/4/1992 6/24/1992 7/8/1992 7/8/1992 7/21/1992 7/21/1992	H E H E H Stratum E H E H E H E H	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02	0 0 0 0 0 0 0 DP (mg/l) 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.0	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44 0.49 0.39 0.44 0.47 0.39 0.47	17 Temp 9.1 6.2 14.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7 7 7 7 7 7 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999 Date 5/12/1992 5/12/1992 5/19/1992 6/4/1992 6/4/1992 6/24/1992 6/24/1992 7/8/1992 7/8/1992 7/21/1992 8/4/1992	H E H E H Stratum E H E H E H E H	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01	0 0 0 0 0 0 0 0 0 0 0 0.01 0.01 0.01 0.	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44 0.49 0.39 0.44 0.47 0.39 0.47 0.34 0.47	17 Temp 9.1 6.2 14.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999 Date 5/12/1992 5/12/1992 5/19/1992 6/4/1992 6/4/1992 6/24/1992 7/8/1992 7/8/1992 7/21/1992 8/4/1992 8/4/1992	H E H E H Stratum E H E H E H E H E H	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02	0 0 0 0 0 0 0 0 0 0 0 0.01 0.01 0.01 0.	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/I) 0.43 0.44 0.48 0.44 0.49 0.39 0.44 0.47 0.39 0.47 0.34 0.47 0.36 0.46	17 Temp 9.1 6.2 14.2	4.12
6 6 6 6 6 6 Lake Location 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	8/31/1999 9/8/1999 9/8/1999 9/28/1999 9/28/1999 9/29/1999 Date 5/12/1992 5/12/1992 5/19/1992 6/4/1992 6/24/1992 6/24/1992 7/8/1992 7/8/1992 7/21/1992 7/21/1992 8/4/1992 8/4/1992 8/4/1992	H E H E H Stratum E H E H E H E H E H	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01	0 0 0 0 0 0 0 0 0 0 0 0.01 0.01 0.01 0.	13.4	2.64	0.57 0.26 0.5 0.32 0.4 0.31 0.49 TN(mg/l) 0.43 0.44 0.48 0.44 0.49 0.39 0.44 0.47 0.39 0.47 0.34 0.47 0.36 0.46 0.34	17 Temp 9.1 6.2 14.2	4.12

7	9/1/1992	Н	0.03	0.02	0.48		
7	9/15/1992	Ε	0.01	0.01	0.28		
7	9/15/1992	Н	0.02	0.02	0.45		
7	9/30/1992	Е	0.01	0.01	0.29		
7	9/30/1992	H	0.02	0.02	0.35		
7	10/13/1992	E	0.02	0.01	0.24		
7	10/13/1992	H	0.01	0.01	0.27		
7	11/2/1992	E	0.01	0.01	0.31	10.4	
7	11/2/1992	H	0.01	0.01	0.26	10.1	
7	5/6/1993	E	0.02	0.01	0.20	5	
7	5/6/1993	Н	0.02	0.01	0.34	3.8	
7	5/26/1993	E	0.02	0.01	0.3	5.0	
7	5/26/1993	Н	0.02	0.01	0.35		
7	6/9/1993	E	0.01	0.01	0.33		
7 7				0.01	0.26		
	6/9/1993	H	0.01				
7	6/29/1993	E	0.01	0.01	0.32		
7	6/29/1993	H	0.01	0.01	0.41		
7	7/7/1993	E	0.01	0.04	0.04		
7	7/23/1993	E	0.01	0.01	0.31		
7	7/23/1993	H	0.02	0.01	0.45		
7	8/4/1993	Е	0.01	0.01	0.3		
7	8/4/1993	Н			0.46		
7	8/17/1993	Е	0.02	0.01	0.53		
7	8/17/1993	Н	0.02	0.02	0.52		
7	9/1/1993	Е	0.01	0.01			
7	9/8/1993	Ε	0.01	0.01	0.32	21	
7	9/8/1993	Н	0.02	0.02	0.44	11.5	
7	9/20/1993	Ε	0.02	0.01	0.33		
7	9/20/1993	Н	0.03	0.02	0.44		
7	10/5/1993	Ε	0.02	0.01	0.32		
7	10/20/1993	U	0.01	0.01			
7	5/18/1994	U	0.02	0.01	0.52	6.2	
7	5/27/1994	U	0.02	0.01	0.41		
7	6/14/1994	Ε	0.02	0.01	0.44	14.4	
7	6/14/1994	Н	0.02	0.01	0.47	7.8	
7	6/15/1994	Ε	0.02	0	0.47		
7	6/27/1994	U	0.02	0.01	0.42		
7	7/14/1994	Е	0.01	0.01	0.38		
7	7/27/1994	Н	0.03	0.02	0.64		
7	8/11/1994	Е	0.01	0.01	0.31	20.4	
7	8/11/1994	H	0.02	0.02	0.43	10.8	
7	9/7/1994	E	0.01	0.01	0.21		
7	9/21/1994	Ē	0.01	0.01	0.4		
7	10/24/1994	Ē	0.02	0.01	0.1	13.3	
7	5/18/1995	Ū	0.01	0.01	0.35	6.4	3.28
7	6/5/1995	Ē	0.02	0.01	0.28	15.5	6.03
7	6/5/1995	Н	0.02	0.01	0.20	8.9	0.00
7	7/5/1995	E	0.01	0.01	0.3	21.8	1.58
7	7/5/1995	Н	0.01	0.01	0.31	10	1.50
7	7/31/1995	E	0.01	0.01	0.31	22.3	1.94
7	7/31/1995	Н	0.01	0.01	0.24	9.3	1.34
7 7						9.3	
1	8/14/1995	Е	0.01	0.01	0.31		

7	8/14/1995	Н	0.03	0.02	0.39		
7	8/23/1995	Е	0.01	0.01	0.32	22.2	3.3
7	8/23/1995	Н	0.02	0.02	0.35	10	
7	9/14/1995	U	0.01	0.01	0.3	16.8	4.47
7	9/21/1995	U	0.02	0.01	0.31	15.5	6.12
7	10/12/1995	U	0.02	0.01	0.35		
7	10/13/1995	U	0.02	0.01	0.31	13.8	1.58
7	6/17/1996	U	0.01	0.01	0.31	16.8	4.1
7	6/26/1996	Ε	0.01				
7	6/26/1996	Н	0.01				
7	6/27/1996	Ε	0.01	0.01	0.35	16.2	3.41
7	6/27/1996	Н	0.01	0.01	0.41		
7	7/11/1996	Е	0.02	0.01	0.32	17.3	3.32
7	7/11/1996	Н	0.02	0.01	0.34		
7	7/18/1996	Ε	0.01				
7	7/18/1996	Н	0.01				
7	7/30/1996	E	0.01	0.01	0.32	19.2	4.1
7	7/30/1996	H	0.02	0.02	0.42		
7	8/1/1996	E	0.02	0.0_	5		
7	8/1/1996	H	0.02				
7	8/8/1996	E	0.01	0.01	0.38	19.8	5.07
7	8/8/1996	H	0.02	0.01	0.47	10.0	0.01
7	8/19/1996	E	0.01	0.01	0		
7	8/19/1996	H	0.01				
7	8/22/1996	U	0.01	0.01	0.43	20.2	4.29
7	9/4/1996	Ë	0.02	0.01	0.10	20.2	1.20
7	9/4/1996	H	0.02				
7	9/5/1996	E	0.01	0.01	0.32	20.1	4.29
7	9/5/1996	H	0.02	0.02	0.49	20.1	7.20
7	9/19/1996	E	0.01	0.01	0.33	20.2	2.63
7	9/19/1996	Н	0.02	0.02	0.53	20.2	2.00
7	9/25/1996	E	0.02	0.02	0.55		
7	9/25/1996	Н	0.02				
7	10/16/1996	Ü	0.02	0.01	0.37	10.8	3.04
7	5/27/1997	Ü	0.02	0.01	0.32	10.0	4.64
7	6/3/1997	Ü	0.02	0.01	0.32	10.2	3.95
7	6/3/1997	Ü	0.01	O	0.55	10.2	3.33
7	6/11/1997	E	0.01	0.01	0.39	15.8	2.18
7	6/11/1997	Н	0.01	0.01	0.43	13.0	2.10
7	6/19/1997	Ü	0.01	0.01	0.43		
7	6/30/1997	E	0.01	0.01	0.34	18.9	1.61
7	6/30/1997	Н	0.01	0.01	0.34	10.9	1.01
7		E	0.01	0.01	0.36		
7	7/2/1997 7/2/1997	H	0.01				
				0.01	0.22		2.10
7 7	7/10/1997	E	0.02	0.01	0.33		2.18
	7/10/1997	H	0.02	0.01	0.39		
7	7/16/1997	E	0.02				
7	7/16/1997	Н	0.01	0.04	0.00	20	E 00
7	7/24/1997	E	0.01	0.01	0.83	20	5.32
7	7/24/1997	Н	0.02	0.01	0.44	20.0	E 4E
7 7	8/7/1997	E	0.02	0.01	0.33	20.8	5.45
1	8/7/1997	Н	0.02	0.01	0.43		

7	8/18/1997	Е	0.03						
7	8/18/1997	Н	0.01						
7	8/26/1997	U	0.02	0.01			0.4	20.8	4.77
7	9/16/1997	Ε	0.01	0.01			0.36	19	5.45
7	9/16/1997	Н	0.02	0.01			0.52		
7	10/6/1997	U	0.01	0.01			0.41	13.8	13.82
7	10/6/1997	U	0.02						
7	10/16/1997	U	0.01	0.01			0.37	13.5	4.18
7	5/11/1998	U	0.02	0.01			0.28	8.7	5.29
7	5/19/1998	U	0.01	0.01			0.39	15.2	2.65
7	6/8/1998	Е	0.01						
7	6/8/1998	Н	0.02						
7	6/8/1998	U	0.01	0.01			0.31	14.1	2.56
7	6/22/1998	U	0.01	0.01			0.28	17.2	
7	7/7/1998	Е	0.02						
7	7/7/1998	Н	0.01						
7	7/8/1998	Е	0.03	0.01			0.38	19.9	3.35
7	7/8/1998	Н	0.02	0.01			0.44		
7	7/21/1998	Е	0.01	0.01			0.31	20.8	4.24
7	7/21/1998	H	0.02	0.01			0.45		
7	8/3/1998	E	0.01						
7	8/3/1998	H	0.01						
7	8/4/1998	E	0.01	0.01			0.28	21.2	4.06
7	8/4/1998	Н	0.02	0.01			0.35		
7	8/26/1998	Е	0.01						
7	8/26/1998	Н	0.02						
7	8/27/1998	Е	0.01	0.01			0.37	21	1.85
7	8/27/1998	Н	0.02	0.02			0.47		
7	9/17/1998	E	0.02	0.01			0.31		4.76
7	9/17/1998	Ε	0.02						
7	9/17/1998	Н	0.03	0.02			0.45		
7	9/17/1998	Н	0.02						
7	10/5/1998	U	0.02	0.01			0.43	14.2	3.35
7	5/7/1999	U	0.01	0.01	16.9	3.7	0.35		
7	5/19/1999	U	0.01	0.01			0.36	9.2	4.61
7	6/3/1999	Е	0.01	0.01			0.34	15.2	4.61
7	6/3/1999	Н	0.01	0.01			0.3		
7	6/7/1999	Ε	0.01	0.01			0.41		
7	6/7/1999	Н	0.01	0.01			0.38		
7	6/23/1999	Е	0.02	0.01			0.42	19.2	2.42
7	6/23/1999	Н	0.02	0.02			0.45		
7	7/1/1999	Е	0.01	0.01			0.34		
7	7/1/1999	Н	0.02	0.01			0.43		
7	7/14/1999	Е	0.02	0.01			0.34	19.3	4.85
7	7/14/1999	Н	0.02	0.02			0.38		
7	7/27/1999	Е	0.02	0.01	17	3.67	0.29		
7	7/27/1999	E	0.01	0.01	16.1	3.61	0.33	21.3	6.06
7	7/27/1999	Н	0.03	0.03	17.2	3.7	0.45		
7	7/27/1999	Н	0.03	0.03	16.1	3.56	0.43		
7	8/12/1999	Ε	0.02	0.01			0.31	18.5	6.06
7	8/12/1999	Ε	0.02	0.01			0.26		
7	8/12/1999	Н	0.03	0.02			0.39		

7	8/12/1999	Н	0.03	0.02			0.38		
7	8/30/1999	E	0.02	0.01			0.3	20.8	7.51
7	8/30/1999	Н	0.03	0.03			0.42		
7	9/1/1999	E	0.01	0			0.29		
7	9/1/1999	Н	0.03	0.03			0.44		
7	9/29/1999	U	0.03	0.02	16.8	3.67	0.37	17.2	8.24
7	10/5/1999	U	0.03	0.02			0.39		
7	10/15/1999	U	0.03	0.02			0.35	14.3	4.85
Lake Location	Date	Stratum	TP (mg/l)	DP (mg/l)	Ca (mg/l)	Mg(mg/l)	TN(mg/l)	Temp	Chl-a
8	5/12/1992	U	0.02	0.01			0.58	10.5	
8	5/12/1992	U	0.01	0.01			0.5	9.1	
8	5/19/1992	U	0.01	0.01			0.52	8.7	
8	5/19/1992	U	0.01	0.01			0.56	6.4	
8	6/4/1992	U	0.02	0.01			0.59	13.9	
8	6/24/1992	U	0.02	0.01			0.5		
8	7/8/1992	U	0.01	0.01			0.61		
8	7/21/1992	U	0.01	0.01			0.47		
8	8/4/1992	U	0.02	0.01			0.4		
8	8/19/1992	U	0.01	0.01			0.39		
8	9/1/1992	U	0.01	0.01			0.43		
8	9/15/1992	U	0.01	0.01			0.48		
8	9/30/1992	U	0.01	0			0.32		
8	10/13/1992	U	0.01	0.01			0.37		
8	5/12/1993	U	0.02	0.01			0.44		
8	5/12/1993	U	0.01	0.01			0.47		
8	5/26/1993	U	0.01	0.01			0.43		
8	6/9/1993	U	0.02	0.01			0.35		
8	6/29/1993	U	0.02	0.01			0.44		
8	7/7/1993	Е	0.01						
8	7/21/1993	U	0.02	0.01			0.38		
8	8/4/1993	E	0.02	0.01			0.44		
8	8/17/1993	E	0.01	0.01			0.34		
8	8/25/1993	Е	0.01	0.01					
8	9/8/1993	U	0.01	0.01			0.33		
8	9/20/1993	E	0.01	0.01			0.39		
8	10/5/1993	Е	0.01	0.01			0.39		
8	10/14/1993	E	0.02	0.01					
8	5/19/1994	U	0.01	0.01			0.48	7.4	
8	5/27/1994	U	0.01	0			0.52		
8	6/15/1994	U	0.02	0.01			0.58		
8	6/27/1994	Ū	0.02	0.02			0.46		
8	7/12/1994	E	0.01	0.01			0.42		
8	7/27/1994	E	0.02	0.01			0.59		
8	8/3/1994	E	0.01	0.01			0.00		
8	9/7/1994	E	0.01	0.01			0.29		
8	9/21/1994	Ū	0.02	0.01			0.42		
8	10/12/1994	E	0.01	0.01			0.55		
8	5/3/1995	U	0.01	0.01			0.55	140	0.47
8	6/5/1995 7/5/1995	U	0.02	0			0.37	14.8	2.47
8	7/5/1995	U	0.02	0.01			0.47	20.3	1.07
8	7/27/1995	U	0.02	0.01			0.38		

8	8/14/1995	U	0.03				0.33		
8	9/19/1995	U	0.01	0.01			0.33		
8	10/10/1995	U	0.02	0.01			0.32	4.4	0 = 4
8	6/18/1996	Ū	0.01	0			0.45	14	3.51
8	6/26/1996	E	0.01						
8	6/26/1996	H	0.01	•					4.00
8	7/2/1996	U	0.01	0			0.41		4.39
8	7/16/1996	U	0.01						
8	7/17/1996	U	0.02	0			0.42	17.7	3.66
8	7/31/1996	U	0.01	0			0.43	18	2.55
8	8/14/1996	U	0.01	0.01			0.38	19.9	2.73
8	8/28/1996	U	0.01	0.01			0.4	19	6.56
8	9/4/1996	U	0.01						
8	9/11/1996	U	0.01	0			0.39	21	3.8
8	9/25/1996	U	0.01						
8	9/26/1996	U	0.01	0.01			0.39	16.1	1.95
8	10/18/1996	U	0.01	0.01			0.38	8.9	1.32
8	5/23/1997	U	0.01	0.01			0.39	6.5	4.91
8	6/3/1997	U	0.01						
8	6/5/1997	U	0.01	0			0.37	11.3	7.36
8	6/19/1997	U	0.01	0.01			0.42	16.7	4.84
8	6/19/1997	U	0.01						
8	7/2/1997	U	0.01						
8	7/7/1997	U	0.01	0.01			0.29	18.2	2.73
8	7/15/1997	Ū	0.01						
8	7/21/1997	Ē	0.01	0.01			0.32	17.8	1.28
8	7/21/1997	Н	0.01	0.01			0.38		
8	8/4/1997	U	0.01	0.01			0.42	19.9	3.55
8	8/7/1997	Ü	0.01	0.01			02	10.0	0.00
8	8/20/1997	Ü	0.01	0.01			0.34	20.2	3
8	9/15/1997	Ü	0.01	0.01			0.32	19	3.82
8	10/2/1997	Ü	0.01	0.01			0.38	13.2	2.59
8	10/6/1997	U	0.01	0.01			0.50	10.2	2.55
8	10/20/1997	U	0.01	0			0.41	12.5	5.64
8	5/12/1998	U	0.01	0.01			0.41	10.2	3.71
8	5/18/1998	U	0.02	0.01			0.51	10.2	3.71
				0			0.42	12.2	1 76
8	5/25/1998	U	0.01	0			0.43	13.2	1.76
8	6/9/1998	U	0.01	0.01			0.34	14.3	1.41
8	6/11/1998	U	0.01	0.04			0.00	04.0	4.04
8	6/23/1998	U	0.01	0.01			0.29	21.2	4.94
8	7/2/1998	U	0.02	2.24			0.40	40	
8	7/13/1998	U	0.02	0.01			0.43	19	2.03
8	7/27/1998	U	0.02	0.01			0.55	20.2	3.18
8	7/30/1998	U	0.01						
8	8/7/1998	U	0.01	0.01			0.25	21.2	5.12
8	8/27/1998	U	0.01	0.01			0.41	19.3	2.03
8	8/28/1998	U	0.01						
8	9/8/1998	U	0.01	0.01			0.38	18.4	2.38
8	9/17/1998	U	0.01						
8	9/29/1998	U	0.01	0.01			0.45	15	0.66
8	4/19/1999	U	0.01	0.01	14.4	3.66	0.51	4.8	3.64
8	4/29/1999	U	0.01	0.01	16.7	4.02	0.53		

8	6/2/1999	U	0.01	0			0.57	16.7	4.61
8	6/2/1999	U	0.01	0.01			0.43		
8	6/16/1999	U	0.01	0.01			0.42	16	4.49
8	7/1/1999	U	0.01	0.01			0.43		
8	7/6/1999	U	0.01				0.43	20.2	4.12
8	7/20/1999	U	0.02	0.01			0.4	19	5.33
8	7/27/1999	U	0.01	0.01	16.3	4.07	0.36		
8	8/2/1999	U	0.01	0.01	16.6	4.13	0.37	21.2	5.58
8	8/12/1999	U	0.01	0			0.33		
8	8/18/1999	U	0.01	0.01			0.37	18	8.48
8	8/31/1999	U	0.01	0.01			0.32	20.2	4.61
8	8/31/1999	U	0.01	0.01			0.27		
8	9/27/1999	U	0.01	0.01	16.3	4.09	0.39	16	3.64
8	9/28/1999	U	0.01	0.01			0.39		
8	10/19/1999	U	0.01	0.01	16.7	4.19	0.42		
8	10/21/1999	U	0.01	0.01			1.03	12.2	2.18
Lake Location	Date	Stratum	TP (mg/l)	DP (mg/l)	Ca (mg/l)	Mg(mg/l)	TN(mg/l)	Temp	Chl-a
9	5/12/1992	U	0.02	0.01			0.53		
9	5/12/1992	U	0.02	0.01			0.54		
9	5/19/1992	U	0.02	0.01			0.5	12.2	
9	6/4/1992	U	0.01	0.01			0.48	14	
9	6/24/1992	U	0.01	0.01			0.41		
9	7/8/1992	U	0.01	0.01			0.42		
9	7/21/1992	U	0.01	0.01			0.41		
9	8/4/1992	U	0.02	0.01			0.37		
9	8/19/1992	U	0.02	0.01			0.37		
9	9/1/1992	U	0.02	0.01			0.4		
9	9/15/1992	U	0.02	0.01			0.41		
9	9/30/1992	U	0.01	0.01			0.26		
9	10/13/1992	U	0.01	0.01			0.3		
9	5/11/1993	U	0.02	0.01			0.44	7.1	
9	5/27/1993	U	0.02	0.01			0.42		
9	6/11/1993	U	0.01	0.01			0.36		
9	6/28/1993	U	0.01	0.01			0.39		
9	7/7/1993	E	0.01						
9	7/21/1993	E	0.03	0.01			0.37		
9	7/21/1993	Н	0.01	0.02			0.4		
9	8/4/1993	U	0.02	0.01			0.38	22.2	
9	8/17/1993	E	0.02	0.01			0.41		
9	8/25/1993	E	0.02	0.01					
9	9/3/1993	U	0.02	0.01			0.38	22.1	
9	9/20/1993	U	0.02	0.01			0.33	16.5	
9	10/5/1993	U	0.03	0.01			0.35	11	
9	10/14/1993	U	0.02	0.01					
9	10/29/1993	U	0.02	0.01			0.43		
9	5/11/1994	U	0.02	0.01			0.5	7	
9	5/23/1994	U	0.02	0					
9	6/1/1994	U	0.01	0.01			0.42	9.7	
9	6/15/1994	U	0.01	0.01			0.48		
9	7/11/1994	U	0.02	0.01			0.36	22	
9	7/26/1994	U	0.02	0.01			0.3	23.4	

9	8/5/1994	U	0.03	0.01			
9	8/26/1994	Ū	0.01	0.01	0.41	20.2	
9	9/7/1994	Ū	0.01	0	0.18	16.4	
9	9/22/1994	U	0.01	0	0.34	16.1	
9	10/4/1994	U	0.01	0.01	0.29	11.8	
9	10/14/1994	U	0.01	0.01			
9	5/17/1995	U	0.01	0	0.38	7.9	3.21
9	5/25/1995	Ū	0.01	0.01	0.42	11.4	2.19
9	6/27/1995	Ū	0.01	0	0.33	22.7	0.9
9	7/14/1995	Ū	0.02	0.01	0.24	23.1	2.53
9	8/3/1995	Ü	0.02	0.01	0.37	23.7	9.72
9	8/14/1995	Ü	0.02	0.01	0.32		· · · -
9	8/24/1995	Ü	0.02	0.01	0.26	20.4	2.92
9	9/15/1995	Ü	0.01	0.02	0.26	16	3.91
9	10/2/1995	Ü	0.01	0.01	0.22	13.2	0.39
9	10/12/1995	Ü	0.02	0.01	0.32	10.2	0.00
9	6/13/1996	Ü	0.02	0.01	0.5	16.5	4.88
9	6/25/1996	Ü	0.03	0.01	0.49	17.3	2.24
9	7/10/1996	Ü	0.02	0.01	0.46	15.8	8.49
9	7/18/1996	Ü	0.02	0.01	0.40	13.0	0.43
9	7/15/1996	Ü	0.02	0	0.42	16.1	5.27
9	8/2/1996	Ü	0.01	U	0.42	10.1	5.21
9	8/7/1996	U	0.02	0.01	0.43	20.2	5.2
9	8/19/1996	U	0.02	0.01	0.43	20.2	5.2
9	8/23/1996	U	0.02	0.01	0.44	20.4	6.15
9	9/3/1996	U	0.02	0.01	0.44	20.4	0.15
				0.01	0.20	24	2 51
9	9/6/1996	U	0.01	0.01	0.38	21	3.51
9	9/20/1996	U	0.01	0.01	0.34	19	2.15
9	9/25/1996	U	0.01	0.04	0.00	40.0	0.44
9	10/4/1996	U	0.01	0.01	0.36	13.8	2.11
9	5/19/1997	U	0.01	0.01	0.42	6.5	3.27
9	6/2/1997	U	0.01	0	0.38	10.2	3
9	6/5/1997	U	0.01				
9	6/17/1997	U	0.02	0.01	0.45	16.2	2.55
9	7/7/1997	U	0.02				
9	7/8/1997	U	0.01	0.01	0.35	19.5	2.73
9	7/23/1997	U	0.01	0.01	0.8	18.6	1.03
9	8/1/1997	U	0.01				
9	8/5/1997	U	0.01	0.01	0.32	20.9	2.18
9	8/25/1997	U	0.01	0.01	0.31	20.1	3.82
9	9/9/1997	U	0.01	0.01	0.35	17.9	5.05
9	10/1/1997	U	0.01	0.01	0.31	12.9	1.38
9	10/6/1997	U	0.01				
9	10/13/1997	U	0.01	0.01	0.36	13	1.9
9	10/30/1997	U	0.01	0.01	0.38	9	0.88
9	4/30/1998	U	0.01	0.01	0.52	5.1	1.72
9	5/13/1998	U	0.01				
9	5/15/1998	U	0.01	0.01	0.29	12	1.41
9	6/2/1998	U	0.02	0.01	0.42	15	0.95
9	6/11/1998	U	0.01				
9	6/19/1998	Ū	0.01	0.01	0.24	19.8	1.94
9	7/2/1998	Ü	0.03			-	•
		•					

9	7/10/1998	U	0.02	0.01			0.39	19	1.85
9	7/22/1998	U	0.02	0.01			0.45	21	3.26
9	7/27/1998	U	0.01						
9	8/5/1998	U	0.02	0.01			0.24	22.7	8.38
9	8/21/1998	U	0.01	0.01			0.44	19	0.97
9	8/28/1998	U	0.02						
9	9/2/1998	U	0.01	0.01			0.42	21.2	1.32
9	9/22/1998	U	0.01						
9	9/24/1998	U	0.01	0.01			0.38	15	0.6
9	10/22/1998	U	0.01						
9	4/21/1999	U	0.01	0.01	16.6	4.14	0.45	5	2.53
9	5/19/1999	U	0.01	0	15.2	3.84	0.37		
9	5/21/1999	U	0.01	0.01			0.39	12.1	0.46
9	6/4/1999	U	0.01	0.01			0.38		
9	6/17/1999	U	0.02	0.01			0.4	18.3	1.35
9	7/7/1999	U	0.03	0.02			0.47		
9	7/12/1999	U	0.03	0.02			0.44	19.2	2.91
9	7/26/1999	U	0.02	0.01	15.7	4.02	0.34	21	6.79
9	7/29/1999	U	0.02	0.02	15.5	3.92	0.28		
9	8/6/1999	U	0.02	0.02			0.36	20.1	3.88
9	8/17/1999	U	0.02	0.01			0.3		
9	8/20/1999	U	0.02	0.01			0.33	22	5.33
9	9/1/1999	Е	0.02	0.01			0.26	21.3	3.39
9	9/1/1999	Н	0.01	0.01			0.46		
9	9/2/1999	U	0.01	0.01			0.29		
^							0.00	00	4.05
9	9/14/1999	U	0.03	0.02			0.32	20	4.85
9 9	9/14/1999 10/5/1999	U	0.03 0.01	0.02 0.01	16.4	4.12	0.32 0.38	20 14.1	
9 9 9					16.4	4.12			4.85 3.15
9	10/5/1999	U	0.01	0.01 0.01	16.4		0.38		
9 9 Lake Location	10/5/1999 10/6/1999 Date	U U Stratum	0.01 0.02 TP (mg/l)	0.01 0.01 DP (mg/l)			0.38 0.35 TN(mg/l)	14.1 Temp	3.15 Chl-a
9 9 Lake Location	10/5/1999 10/6/1999 Date 5/11/1992	U U Stratum U	0.01 0.02 TP (mg/l) 0.04	0.01 0.01 DP (mg/l) 0.01			0.38 0.35 TN(mg/l) 0.99	14.1 Temp 13.8	3.15
9 9 Lake Location 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992	U U Stratum U U	0.01 0.02 TP (mg/l) 0.04 0.03	0.01 0.01 DP (mg/l) 0.01 0.02			0.38 0.35 TN(mg/l) 0.99 0.86	14.1 Temp 13.8 10.7	3.15 Chl-a
9 9 Lake Location 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 5/27/1992	U U Stratum U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04	0.01 0.01 DP (mg/l) 0.01 0.02 0.01			0.38 0.35 TN(mg/I) 0.99 0.86 0.72	14.1 Temp 13.8	3.15 Chl-a
9 9 Lake Location 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 5/27/1992 6/2/1992	U U Stratum U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.01			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.72	14.1 Temp 13.8 10.7 15.8	3.15 Chl-a 7.64
9 9 Lake Location 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 5/27/1992 6/2/1992 6/22/1992	U U Stratum U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.01 0.03			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.72 0.47	14.1 Temp 13.8 10.7 15.8 19.4	3.15 Chl-a
9 9 Lake Location 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 5/27/1992 6/2/1992 6/22/1992 6/29/1992	Stratum U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.03	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.01 0.03 0.01			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.72 0.47 0.57	14.1 Temp 13.8 10.7 15.8 19.4 19.9	3.15 Chl-a 7.64
9 9 Lake Location 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 5/27/1992 6/2/1992 6/22/1992 6/29/1992 7/27/1992	Stratum U U U U U U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.03 0.04	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.01 0.03 0.01 0.02			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.72 0.47 0.57 0.56	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3	3.15 Chl-a 7.64
9 9 Lake Location 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 6/2/1992 6/2/1992 6/29/1992 7/27/1992 8/12/1992	U U Stratum U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.03 0.04 0.03	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.01 0.03 0.01 0.02 0.02			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.72 0.47 0.57 0.56 0.59	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 5/27/1992 6/2/1992 6/22/1992 6/29/1992 7/27/1992 8/12/1992 8/12/1992	U U Stratum U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.03 0.04 0.03 0.04 0.03	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.72 0.47 0.57 0.56 0.59 0.75	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 5/27/1992 6/2/1992 6/22/1992 7/27/1992 8/12/1992 8/12/1992 9/22/1992	Stratum U U U U U U U U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.03 0.04 0.03 0.05 0.04	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02 0.02			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.72 0.47 0.57 0.56 0.59 0.75 0.57	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3 17.8	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 6/2/1992 6/2/1992 6/22/1992 7/27/1992 8/12/1992 8/26/1992 9/22/1992 10/21/1992	Stratum U U U U U U U U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.03 0.04 0.03 0.05 0.04 0.03	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02 0.02 0.02			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.47 0.57 0.56 0.59 0.75 0.57 0.42	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3 17.8 12.8	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 5/27/1992 6/2/1992 6/22/1992 6/29/1992 7/27/1992 8/12/1992 8/26/1992 9/22/1992 10/21/1992 5/6/1993	Stratum U U U U U U U U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.03 0.04 0.03 0.05 0.04 0.03	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.47 0.57 0.56 0.59 0.75 0.42 1.01	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3 17.8	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 5/27/1992 6/2/1992 6/29/1992 7/27/1992 8/12/1992 8/12/1992 8/26/1992 9/22/1992 10/21/1993 5/6/1993	U U Stratum U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.03 0.04 0.03 0.05 0.04 0.03 0.05	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.72 0.47 0.57 0.56 0.59 0.75 0.42 1.01 0.7	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3 17.8 12.8	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 5/27/1992 6/2/1992 6/29/1992 7/27/1992 8/12/1992 8/12/1992 9/22/1992 10/21/1992 5/6/1993 5/27/1993 6/11/1993	Stratum U U U U U U U U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.03 0.04 0.03 0.05 0.04 0.03 0.05 0.04 0.03	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.47 0.57 0.56 0.59 0.75 0.42 1.01 0.7 0.48	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3 17.8 12.8	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 5/27/1992 6/2/1992 6/22/1992 7/27/1992 8/12/1992 8/12/1992 8/26/1992 9/22/1992 10/21/1992 5/6/1993 5/27/1993 6/11/1993 6/28/1993	Stratum U U U U U U U U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.04 0.03 0.05 0.04 0.04 0.07 0.04 0.07 0.04 0.03	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.72 0.47 0.57 0.56 0.59 0.75 0.42 1.01 0.7	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3 17.8 12.8	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 5/27/1992 6/2/1992 6/22/1992 7/27/1992 8/12/1992 8/12/1992 8/26/1992 9/22/1992 10/21/1992 5/6/1993 5/27/1993 6/11/1993 6/28/1993 7/7/1993	Stratum U U U U U U U U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.04 0.03 0.05 0.04 0.04 0.04 0.07 0.04 0.03 0.05 0.05	0.01 0.01 DP (mg/l) 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.47 0.57 0.56 0.59 0.75 0.42 1.01 0.7 0.48 0.82	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3 17.8 12.8	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 6/2/1992 6/22/1992 6/29/1992 7/27/1992 8/12/1992 8/12/1992 9/22/1992 10/21/1992 5/6/1993 5/27/1993 6/11/1993 7/7/1993 7/21/1993	Stratum U U U U U U U U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.03 0.04 0.03 0.05 0.04 0.04 0.07 0.04 0.07 0.04 0.03 0.05	0.01 0.01 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.01 0.03			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.47 0.57 0.56 0.59 0.75 0.42 1.01 0.7 0.48 0.82	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3 17.8 12.8	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 6/2/1992 6/22/1992 6/29/1992 7/27/1992 8/12/1992 8/12/1992 9/22/1992 10/21/1992 5/6/1993 5/27/1993 6/11/1993 6/28/1993 7/7/1993 8/4/1993	U U U U U U U U U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.05 0.03 0.04 0.03 0.05 0.04 0.04 0.07 0.04 0.07 0.04 0.03 0.05 0.05	0.01 0.01 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.03 0.03			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.47 0.57 0.56 0.59 0.75 0.42 1.01 0.7 0.48 0.82 0.86 0.65	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3 17.8 12.8	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 6/2/1992 6/22/1992 6/29/1992 7/27/1992 8/12/1992 8/12/1992 9/22/1992 10/21/1992 5/6/1993 5/27/1993 6/11/1993 6/28/1993 7/7/1993 8/4/1993 8/4/1993 8/17/1993	U U U U U U U U U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.03 0.05 0.04 0.07 0.04 0.07 0.04 0.03 0.05 0.05 0.05	0.01 0.01 0.01 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.01 0.03			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.47 0.57 0.56 0.59 0.75 0.42 1.01 0.7 0.48 0.82	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3 17.8 12.8	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 6/2/1992 6/22/1992 6/29/1992 7/27/1992 8/12/1992 8/12/1992 9/22/1992 10/21/1992 5/6/1993 5/27/1993 6/11/1993 6/28/1993 7/7/1993 7/21/1993 8/4/1993 8/17/1993 8/17/1993	U U U U U U U U U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.04 0.03 0.05 0.04 0.07 0.04 0.07 0.04 0.03 0.05 0.05 0.05 0.05 0.05	0.01 0.01 0.01 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.01 0.03			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.47 0.57 0.56 0.59 0.75 0.42 1.01 0.7 0.48 0.82 0.86 0.65 0.69	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3 17.8 12.8 10.8	3.15 Chl-a 7.64 3.35
9 9 Lake Location 10 10 10 10 10 10 10 10 10 10 10 10 10	10/5/1999 10/6/1999 Date 5/11/1992 5/11/1992 6/2/1992 6/22/1992 6/29/1992 7/27/1992 8/12/1992 8/12/1992 9/22/1992 10/21/1992 5/6/1993 5/27/1993 6/11/1993 6/28/1993 7/7/1993 8/4/1993 8/4/1993 8/17/1993	U U U U U U U U U U U U U U U U U U U	0.01 0.02 TP (mg/l) 0.04 0.03 0.04 0.03 0.05 0.03 0.05 0.04 0.07 0.04 0.07 0.04 0.03 0.05 0.05 0.05	0.01 0.01 0.01 0.01 0.02 0.01 0.03 0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.01 0.03			0.38 0.35 TN(mg/l) 0.99 0.86 0.72 0.47 0.57 0.56 0.59 0.75 0.42 1.01 0.7 0.48 0.82 0.86 0.65	14.1 Temp 13.8 10.7 15.8 19.4 19.9 22.3 21.2 22.3 17.8 12.8	3.15 Chl-a 7.64 3.35

10	10/5/1993	U	0.07	0.04	0.53	10	
10	10/20/1993	U	0.05	0.03			
10	10/29/1993	U	0.07	0.03	0.89	7	
10	5/11/1994	U	0.03	0.01	0.73	11	
10	6/8/1994	U	0.03	0.01	0.64	17	
10	7/11/1994	U	0.03	0.01	0.66	23.6	
10	7/26/1994	U	0.03	0.02	0.39	24.2	
10	8/2/1994	U	0.04	0.02			
10	9/7/1994	U	0.03	0.01	0.48	16	
10	9/19/1994	U	0.04	0.01	0.74	16	
10	10/4/1994	U	0.04	0.01	0.72	11.7	
10	10/17/1994	U	0.03	0.01			
10	5/10/1995	U	0.03	0.01	0.66	11.3	4.47
10	5/25/1995	U	0.03	0.01	0.51	14.9	10.21
10	6/27/1995	U	0.04	0.02	0.64	24.8	7.87
10	7/14/1995	U	0.04	0.02	0.55	23.2	9.33
10	8/3/1995	U	0.04	0.02	0.6	23.2	10.94
10	8/14/1995	U	0.08	0.03	0.83		
10	8/24/1995	U	0.07	0.02	0.69	20.1	19.68
10	9/15/1995	U	0.05	0.01	0.72	15.3	29.16
10	10/2/1995	U	0.04	0.01	0.84	13	14.4
10	10/12/1995	U	0.05	0.02	0.85		
10	6/13/1996	U	0.03	0.01	0.79	21	7.32
10	6/25/1996	U	0.03	0.02	0.71	20.7	2.69
10	7/10/1996	U	0.03	0.01	0.54	19.2	11.71
10	7/18/1996	U	0.03				
10	7/25/1996	U	0.04	0.02	0.63	19.2	10.54
10	8/2/1996	U	0.05				
10	8/7/1996	U	0.04	0.01	1.02	22	10.24
10	8/19/1996	U	0.06				
10	8/23/1996	U	0.05	0.03	0.67	21	7.61
10	9/3/1996	U	0.09				
10	9/6/1996	U	0.08	0.02	1.18	22	38.05
10	9/20/1996	U	0.09	0.01	0.15	19.1	79.02
10	9/25/1996	U	0.06				
10	10/4/1996	U	0.09	0.01	0.99	12.3	70.24
10	5/19/1997	U	0.04	0.01	0.81	8	15.68
10	6/2/1997	U	0.03	0	0.5	14.8	10.64
10	6/5/1997	U	0.04				
10	6/20/1997	U	0.07	0.03	0.59	18.7	2.91
10	7/7/1997	U	0.04				
10	7/8/1997	U	0.05	0.03	0.44	20.5	1.91
10	7/23/1997	U	0.07	0.04	0.28	19.7	4.36
10	8/1/1997	U	0.06				
10	8/5/1997	U	0.06	0.02	0.81	21.5	6.18
10	8/25/1997	U	0.08	0.05	0.84	20.3	17.45
10	9/9/1997	U	0.07	0.05	0.59	17.8	4.36
10	10/1/1997	U	0.07	0.04	0.52	12.2	7.09
10	10/6/1997	U	0.05				
10	10/13/1997	Ū	0.06	0.03	0.64	12.1	20.45
10	10/30/1997	U	0.06	0.02	0.57	7.5	14.55
10	4/30/1998	U	0.03	0.01	0.8	9	7.06

10	5/13/1998	U	0.03						
10	5/15/1998	U	0.03	0.01			0.39	17.5	8.82
10	6/2/1998	U	0.08	0.02			0.47	17.7	5.74
10	6/19/1998	U	0.03	0.02			0.25	22	8.82
10	6/30/1998	U	0.04						
10	7/10/1998	U	0.04	0.02			0.41	20.5	3.18
10	7/22/1998	U	0.03	0.01			0.54	22.5	8.38
10	8/4/1998	U	0.03						
10	8/5/1998	U	0.03	0.01			0.33	22.2	5.82
10	8/21/1998	U	0.05	0.01			0.65	21.2	11.47
10	8/28/1998	U	0.04						
10	9/9/1998	U	0.05	0.01			0.69	17.2	12.79
10	9/22/1998	U	0.04						
10	9/25/1998	U	0.04	0.02			0.48	14.1	2.47
10	10/22/1998	U	0.04						
10	4/21/1999	U	0.03	0.01	11.9	2.67	0.83	8	13.58
10	5/17/1999	U	0.05	0.01	12	2.7	0.57		
10	6/3/1999	U	0.04	0.02			0.44	18.2	14.54
10	6/4/1999	U	0.04	0.02			0.58		
10	6/17/1999	U	0.04	0.03			0.5	19.5	19.39
10	7/7/1999	U	0.07	0.02			0.6		
10	7/12/1999	U	0.06	0.03			0.56	19.2	31.51
10	7/26/1999	U	0.07	0.01	12.7	3.27	1.05	21.6	112.72
10	7/29/1999	U	0.09	0.02	12.8	3.19	0.96		
10	8/6/1999	U	0.11	0.02			1.14	20.3	116.36
10	8/17/1999	U	0.1	0.02			1.01		
10	8/20/1999	U	0.08	0.03			0.96	24	98.18
10	9/1/1999	U	0.06	0.02			0.66	22	17.94
10	9/2/1999	U	0.06	0.02			0.75		
10	9/21/1999	U	0.08	0.03	11.9	3.22	0.77	17	23.03
10	10/5/1999	U	0.05	0.03			0.79	14	15.51

1	9/1/1998	Α	42	438,000
1	9/22/1998	A	33	226,000
1	10/15/1998	S	169	96,711
1	10/15/1998	Ā	45	11,333
1	5/17/1999	A	32	0
1	6/1/1999	A	29	0
1	6/14/1999	A	27	30,044
1	7/1/1999	A	30	638,000
1		A	34	
	7/19/1999			102,000
1	7/29/1999	A	28	86,756
1	8/11/1999	A	22	62,533
1	8/23/1999	A	24	582,000
1	9/7/1999	Α	26	269,867
1	9/24/1999	Α	31	142,000
1	10/7/1999	Α	175	113,067
1	10/7/1999	Α	30	0
1	5/31/2000	Α	34	0
1	6/15/2000	Α	31	0
1	6/28/2000	Α	29	23,867
1	7/19/2000	Α	34	718,000
1	8/2/2000	Α	35	266,000
1	8/18/2000	Α	30	13,422
		Α	20	132,000
1	9/1/2000	A	30	102,000
	9/1/2000 9/18/2000	A	30 31	314,000
1	9/18/2000	Α	31	314,000
1 1				314,000 97,600
1 1 1 1	9/18/2000 10/12/2000	A S	31 168	314,000
1 1 1	9/18/2000 10/12/2000 10/12/2000	A S A	31 168 42	314,000 97,600 138,000
1 1 1 1 .ake Location	9/18/2000 10/12/2000 10/12/2000 Date	A S A QA	31 168 42 Lake Days	314,000 97,600 138,000 Density
1 1 1 1 .ake Location 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994	A S A QA A	31 168 42 Lake Days 18	314,000 97,600 138,000 Density 0
1 1 1 1 ake Location 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994	A S A QA A	31 168 42 Lake Days 18 33	314,000 97,600 138,000 Density 0
1 1 1 1 .ake Location 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/2/1994	A S A QA A A A	31 168 42 Lake Days 18 33 39 15	314,000 97,600 138,000 Density 0 0 0
1 1 1 1 .ake Location 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/2/1994	A S A QA A A A A	31 168 42 Lake Days 18 33 39 15	314,000 97,600 138,000 Density 0 0 0 0 5,600
1 1 1 1 .ake Location 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/22/1994 9/1/1994	A S A QA A A A A	31 168 42 Lake Days 18 33 39 15 20 30	314,000 97,600 138,000 Density 0 0 0 0 5,600 2,844
1 1 1 1 .ake Location 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/22/1994 9/1/1994 9/15/1994	A S A QA A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24	314,000 97,600 138,000 Density 0 0 0 0 5,600 2,844 1,689
1 1 1 1 .ake Location 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/2/1994 9/1/1994 9/15/1994 9/28/1994	A S A QA A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27	314,000 97,600 138,000 Density 0 0 0 0 5,600 2,844 1,689 267
1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/22/1994 9/1/1994 9/15/1994 9/28/1994 6/21/1995	A S A QA A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29	314,000 97,600 138,000 Density 0 0 0 0 5,600 2,844 1,689 267 0
1 1 1 1 ake Location 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/2/1994 9/1/1994 9/15/1994 9/15/1994 9/28/1995 6/29/1995	A S A QA A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8	314,000 97,600 138,000 Density 0 0 0 5,600 2,844 1,689 267 0 44
1 1 1 1 .ake Location 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/22/1994 9/1/1994 9/15/1994 9/28/1994 6/21/1995 6/29/1995 8/2/1995	A S A A A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14	314,000 97,600 138,000 Density 0 0 0 0 5,600 2,844 1,689 267 0 44 44
1 1 1 1 .ake Location 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/22/1994 9/11/1994 9/15/1994 9/28/1994 6/21/1995 6/29/1995 8/2/1995	A S A A A A A A A A A A A A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20	314,000 97,600 138,000 Density 0 0 0 0 5,600 2,844 1,689 267 0 44 44 44
1 1 1 1 -ake Location 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/2/1994 9/1/1994 9/15/1994 9/28/1994 6/21/1995 6/29/1995 8/2/1995 8/22/1995 9/12/1995	A S A A A A A A A A A A A A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20 21	314,000 97,600 138,000 Density 0 0 0 0 5,600 2,844 1,689 267 0 44 44 44 44 622
1 1 1 1 -ake Location 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/22/1994 9/1/1994 9/15/1994 9/28/1994 6/21/1995 6/29/1995 8/22/1995 9/12/1995 9/12/1995	A S A A A A A A A A A A A A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20 21	314,000 97,600 138,000 Density 0 0 0 0 5,600 2,844 1,689 267 0 44 44 44 44 622 178
1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/2/1994 9/1/1994 9/15/1994 9/15/1994 9/28/1995 6/21/1995 6/29/1995 8/2/1995 9/12/1995 9/12/1995 10/18/1995	A S A A A A A A A A A A S	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20 21 13	314,000 97,600 138,000 Density 0 0 0 5,600 2,844 1,689 267 0 44 44 44 622 178 267
1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/2/1994 9/1/1994 9/15/1994 9/15/1994 9/28/1995 6/21/1995 6/29/1995 8/22/1995 9/12/1995 9/12/1995 10/18/1995	A S A Q A A A A A A A A A A A S S	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20 21 13 111	314,000 97,600 138,000 Density 0 0 0 5,600 2,844 1,689 267 0 44 44 44 622 178 267 0
1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/22/1994 9/1/1994 9/15/1994 9/15/1995 6/29/1995 8/22/1995 8/22/1995 9/12/1995 9/12/1995 10/18/1995 10/18/1995	A S A Q A A A A A A A A A A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20 21 13 111 111	314,000 97,600 138,000 Density 0 0 0 0,0 5,600 2,844 1,689 267 0 44 44 44 622 178 267 0
1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/22/1994 9/15/1994 9/15/1994 9/28/1995 6/29/1995 8/22/1995 8/22/1995 9/12/1995 9/12/1995 10/18/1995 10/18/1995 10/18/1995	A S A Q A A A A A A A A A A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20 21 13 111 111 23 34	314,000 97,600 138,000 Density 0 0 0 0 5,600 2,844 1,689 267 0 44 44 44 622 178 267 0 0
1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/22/1994 9/15/1994 9/15/1994 9/15/1995 6/21/1995 6/29/1995 8/22/1995 9/12/1995 9/12/1995 10/18/1995 10/18/1996 6/24/1996	A S A A A A A A A A A A A A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20 21 13 111 111 23 34 54	314,000 97,600 138,000 Density 0 0 0 0,5,600 2,844 1,689 267 0 44 44 44 44 622 178 267 0 0 0
1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/2/1994 9/1/1994 9/15/1994 9/15/1994 9/28/1995 6/21/1995 6/29/1995 8/22/1995 9/12/1995 9/12/1995 10/18/1995 10/18/1995 10/18/1996 6/24/1996 7/9/1996	A S A Q A A A A A A A A A A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20 21 13 111 111 23 34 54 35	314,000 97,600 138,000 Density 0 0 0 5,600 2,844 1,689 267 0 44 44 44 622 178 267 0 0 1,022 1,378
1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/22/1994 9/15/1994 9/15/1994 9/15/1995 6/21/1995 6/29/1995 8/22/1995 9/12/1995 9/12/1995 10/18/1995 10/18/1996 6/24/1996	A S A A A A A A A A A A A A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20 21 13 111 111 23 34 54	314,000 97,600 138,000 Density 0 0 0 5,600 2,844 1,689 267 0 44 44 44 622 178 267 0 0 0 1,022 1,378 3,676,000
1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/2/1994 9/1/1994 9/15/1994 9/15/1994 9/28/1995 6/21/1995 6/29/1995 8/22/1995 9/12/1995 9/12/1995 10/18/1995 10/18/1995 10/18/1996 6/24/1996 7/9/1996	A S A A A A A A A A A A A A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20 21 13 111 111 23 34 54 35	314,000 97,600 138,000 Density 0 0 0 5,600 2,844 1,689 267 0 44 44 44 622 178 267 0 0 0 1,022 1,378
1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/2/1994 9/1/1994 9/15/1994 9/15/1995 6/21/1995 6/29/1995 8/2/1995 9/12/1995 9/12/1995 10/18/1995 10/18/1995 10/18/1996 6/24/1996 6/24/1996 8/5/1996	A S A A A A A A A A A A A A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20 21 13 111 111 23 34 54 35 27	314,000 97,600 138,000 Density 0 0 0 5,600 2,844 1,689 267 0 44 44 44 622 178 267 0 0 0 1,022 1,378 3,676,000
1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9/18/2000 10/12/2000 10/12/2000 Date 5/23/1994 6/7/1994 6/23/1994 8/22/1994 9/1/1994 9/15/1994 9/15/1995 6/29/1995 8/22/1995 8/22/1995 9/12/1995 9/12/1995 10/18/1995 10/18/1995 10/18/1996 6/24/1996 7/9/1996 8/5/1996	A S A A A A A A A A A A A A A A A A A A	31 168 42 Lake Days 18 33 39 15 20 30 24 27 29 8 14 20 21 13 111 111 23 34 54 35 27 42	314,000 97,600 138,000 Density 0 0 0 5,600 2,844 1,689 267 0 44 44 44 622 178 267 0 0 1,022 1,378 3,676,000 2,770,000

2	11/4/1996	S	185	9,156
2	11/4/1996	Α	35	178
2	11/4/1996	Α	49	2,444
2	6/4/1997	Α	30	0
2	6/18/1997	Α	22	400
2	7/2/1997	Α	28	192,000
2	8/1/1997	Α	15	718,000
2	8/1/1997	Α	44	1,284,000
2	6/17/1998	Α	34	44
2	7/7/1998	Α	39	10,667
2	7/20/1998	Α	33	21,200
2	8/3/1998	Α	27	311
2	8/20/1998	Α	31	356
2	9/1/1998	Α	42	400
2	9/22/1998	Α	33	444
2	10/13/1998	Α	43	0
2	10/13/1998	S	152	30,578
2	5/17/1999	Α	32	0
2	6/1/1999	Α	29	0
2	6/14/1999	Α	27	0
2	7/1/1999	Α	30	3,956
2	7/19/1999	Α	34	12,178
2	7/29/1999	Α	28	18,756
2	8/11/1999	Α	22	66,000
2	8/23/1999	Α	24	26,400
2	9/7/1999	Α	26	30,756
2	5/31/2000	Α	34	0
2	6/15/2000	Α	31	0
2	6/28/2000	Α	29	242,000
	7/19/2000	Α	34	2,964,000
2				
2	8/2/2000	Α	35	498,000
2 Lake Location	8/2/2000 Date	A QA	35 Lake Days	Density
2 Lake Location 3	8/2/2000 Date 6/25/1998	A QA A	35 Lake Days 50	Density 178
2 Lake Location 3 3	8/2/2000 Date 6/25/1998 7/28/1998	A QA A	35 Lake Days 50 69	Density 178 41,956
Lake Location 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998	A QA A A	35 Lake Days 50 69 46	178 41,956 544,000
Lake Location 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998	A QA A A A	35 Lake Days 50 69 46 33	178 41,956 544,000 0
Lake Location 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998	A QA A A A A	35 Lake Days 50 69 46 33 31	178 41,956 544,000 0
2 Lake Location 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998	A QA A A A A	35 Lake Days 50 69 46 33 31 44	178 41,956 544,000 0 0
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998	A QA A A A A A S	35 Lake Days 50 69 46 33 31 44 161	178 41,956 544,000 0 0 0 6,622
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1998 6/7/1999	A QA A A A A A S A	35 Lake Days 50 69 46 33 31 44 161 34	178 41,956 544,000 0 0 0 6,622
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1999 6/24/1999	A QA A A A A A A A A A A A A A A A A A	35 Lake Days 50 69 46 33 31 44 161 34 30	Density 178 41,956 544,000 0 0 0 6,622 0 11,422
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1998 6/7/1999 6/24/1999 7/15/1999	A QA A A A A S A A	35 Lake Days 50 69 46 33 31 44 161 34 30 38	Density 178 41,956 544,000 0 0 0 6,622 0 11,422 272,000
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1998 6/7/1999 6/24/1999 7/15/1999 8/3/1999	A QA A A A A A A A A	35 Lake Days 50 69 46 33 31 44 161 34 30 38 40	Density 178 41,956 544,000 0 0 0 6,622 0 11,422 272,000 1,260,000
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1998 6/7/1999 6/24/1999 7/15/1999 8/3/1999 8/23/1999	A QA A A A A A A A A	35 Lake Days 50 69 46 33 31 44 161 34 30 38 40 38	Density 178 41,956 544,000 0 0 6,622 0 11,422 272,000 1,260,000 346,000
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1998 6/7/1999 6/24/1999 7/15/1999 8/3/1999 9/7/1999	A QA A A A A A A A A A	35 Lake Days 50 69 46 33 31 44 161 34 30 38 40 38 34	Density 178 41,956 544,000 0 0 6,622 0 11,422 272,000 1,260,000 346,000 12,756
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1998 6/7/1999 6/24/1999 7/15/1999 8/3/1999 9/7/1999 9/17/1999	A QA A A A A A A A A A	35 Lake Days 50 69 46 33 31 44 161 34 30 38 40 38 34 10	Density 178 41,956 544,000 0 0 6,622 0 11,422 272,000 1,260,000 346,000 12,756 0
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1998 6/7/1999 6/24/1999 7/15/1999 8/3/1999 9/7/1999 9/17/1999 9/17/1999	A QA A A A A A A A A A A	35 Lake Days 50 69 46 33 31 44 161 34 30 38 40 38 34 10 24	Density 178 41,956 544,000 0 0 0 6,622 0 11,422 272,000 1,260,000 346,000 12,756 0 0
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1999 6/24/1999 7/15/1999 8/3/1999 8/23/1999 9/17/1999 9/17/1999 9/17/1999	A QA A A A A A A A A A A	35 Lake Days 50 69 46 33 31 44 161 34 30 38 40 38 34 10 24 137	Density 178 41,956 544,000 0 0 0 6,622 0 11,422 272,000 1,260,000 346,000 12,756 0 0 180,267
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1999 6/24/1999 7/15/1999 8/3/1999 8/23/1999 9/17/1999 9/17/1999 9/17/1999 9/17/1999 6/21/2000	A QA A A A A A A A A A A	35 Lake Days 50 69 46 33 31 44 161 34 30 38 40 38 34 10 24 137 16	Density 178 41,956 544,000 0 0 0 6,622 0 11,422 272,000 1,260,000 346,000 12,756 0 0 180,267 0
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1999 6/24/1999 7/15/1999 8/3/1999 8/3/1999 9/17/1999 9/17/1999 9/17/1999 9/17/1999 6/21/2000 7/7/2000	A QA A A A A A A A A A A A	35 Lake Days 50 69 46 33 31 44 161 34 30 38 40 38 34 10 24 137 16 33	Density 178 41,956 544,000 0 0 6,622 0 11,422 272,000 1,260,000 346,000 12,756 0 0 180,267 0 68,978
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1999 6/24/1999 7/15/1999 8/3/1999 8/23/1999 9/17/1999 9/17/1999 9/17/1999 9/17/1999 6/21/2000 7/7/2000 7/21/2000	A QA A A A A A A A A A A A A A A A A A	35 Lake Days 50 69 46 33 31 44 161 34 30 38 40 38 40 38 34 10 24 137 16 33 30	Density 178 41,956 544,000 0 0 0 6,622 0 11,422 272,000 1,260,000 346,000 12,756 0 0 180,267 0 68,978 1,122,000
2 Lake Location 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8/2/2000 Date 6/25/1998 7/28/1998 8/10/1998 8/31/1998 9/21/1998 10/13/1998 10/13/1999 6/24/1999 7/15/1999 8/3/1999 8/3/1999 9/17/1999 9/17/1999 9/17/1999 9/17/1999 6/21/2000 7/7/2000	A QA A A A A A A A A A A A A	35 Lake Days 50 69 46 33 31 44 161 34 30 38 40 38 34 10 24 137 16 33	Density 178 41,956 544,000 0 0 6,622 0 11,422 272,000 1,260,000 346,000 12,756 0 0 180,267 0 68,978

3	8/24/2000	A	34	270,000
3 3	9/7/2000 10/2/2000	A S	31 119	88,000 171,556
Lake Location	Date	QA QA	Lake Days	Density
4	7/11/1997	A	32	0
4	7/30/1997	A	36	133
4	7/30/1997	A	36	72,000
4	8/12/1997	A	32	24,000
4	9/8/1997	A	40	1,556
4	10/7/1997	A	29	1,378
4	10/7/1997	A	56	489
4	10/7/1997	S	120	17,822
4	6/24/1998	A	27	0
4	7/16/1998	A	36	0
4	7/30/1998	Α	25	133
4	8/11/1998	Α	26	0
4	8/28/1998	Α	29	44
4	9/18/1998	Α	38	0
4	10/6/1998	Α	40	0
4	10/6/1998	S	141	0
4	6/21/1999	Α	40	0
4	7/16/1999	Α	40	35,556
4	7/28/1999	Α	37	188,000
4	8/10/1999	Α	25	13,244
4	8/24/1999	Α	27	89
4	9/9/1999	Α	30	489
4	9/28/1999	Α	136	84,000
4	9/28/1999	Α	18	44
4	9/28/1999	Α	33	0
4	6/16/2000	Α	41	0
4	6/29/2000	Α	28	0
4	7/13/2000	Α	27	222
4	7/31/2000	Α	32	1,111
4	8/15/2000	Α	32	2,489
4	8/31/2000	A	31	489
4	9/20/2000	S	138	1,556
4	9/20/2000	A	35	400
Lake Location	Date 5/24/1994	QA ^	Lake Days 15	Density
5 5	6/9/1994	A A	31	0 0
5	7/7/1994	A	27	0
5	7/7/1994	A	41	0
5	8/1/1994	A	25	0
5	8/22/1994	Ā	21	0
5	9/1/1994	A	6	0
5	9/14/1994	A	23	0
5	9/29/1994	A	5	0
5	10/14/1994	A	6	0
5	11/2/1994	S	1	44
5	11/2/1994	Ä	34	0
5	6/21/1995	A	26	Ö
5	7/10/1995	A	19	0

5	7/19/1995	Α	26	0
5	8/4/1995	Α	16	133
5	8/18/1995	Α	2	133
5	8/30/1995	Α	26	44
5	9/25/1995	Α	26	44
5	10/23/1995	S	26	2,400
5	10/23/1995	Α	28	133
5	10/23/1995	S	124	1,956
5	6/4/1996	A	26	0
5	6/19/1996	A	50	0
5	7/3/1996	A	29	0
5	7/23/1996	A	34	89
5	8/15/1996	A	43	80,000
5	8/29/1996	A	26	56,000
5	9/10/1996	A	26	1,911
5	9/24/1996	A	27	1,156
5	10/25/1996	S	176	48,311
5	10/25/1996	Α	45	44
5	10/25/1996	Α	35	667
5	6/9/1997	Α	32	0
5	6/24/1997	Α	27	0
5	7/11/1997	Α	32	14,000
5	7/30/1997	Α	36	500,000
5	8/12/1997	Α	32	448,000
5	9/8/1997	Α	40	40,000
5	10/7/1997	Α	29	1,467
5	10/7/1997	S	152	67,022
5	10/7/1997	A	56	11,378
5	6/10/1998	A	28	0
5	6/24/1998	A	27	0
5	7/16/1998	A	36	2,089
5	7/30/1998	A	25	1,234,000
		A		
5	8/11/1998		26	566,000
5	8/28/1998	A	29	10,356
5	9/18/1998	A	38	8,578
5	10/6/1998	S	147	178,489
5	10/6/1998	Α	40	0
5	6/4/1999	Α	35	0
5	6/21/1999	Α	38	711
5	7/16/1999	Α	42	320,000
5	7/28/1999	Α	37	1,306,000
5	8/10/1999	Α	24	338,000
5	8/24/1999	Α	26	11,378
5	9/28/1999	Α	48	23,778
5	10/19/1999	Α	39	0
5	10/19/1999	Α	173	195,378
5	6/1/2000	Α	26	Ó
5	6/16/2000	Α	27	0
5	6/29/2000	A	28	0
5	7/13/2000	A	27	24,267
5	7/31/2000	A	32	1,136,000
5	8/15/2000	A	32	942,000
5	0/13/2000	73	J <u>Z</u>	5-2,000

5	8/31/2000	Α	31	13,778
5	9/20/2000	A	35	20,000
5	10/13/2000	S	161	89,422
5	10/13/2000	Ā	43	5,156
Lake Location	Date	QA	Lake Days	Density
6	5/24/1994	Α	12	0
6	6/9/1994	Α	28	0
6	7/6/1994	Α	42	0
6	7/25/1994	Α	45	0
6	8/3/1994	Α	28	0
6	8/22/1994	Α	28	0
6	9/1/1994	Α	29	0
6	9/14/1994	Α	23	0
6	9/27/1994	Α	26	0
6	10/14/1994	Α	30	0
6	10/26/1994	S	154	0
6	6/20/1995	Α	13	0
6	6/29/1995	Α	9	0
6	7/19/1995	Α	20	0
6	8/4/1995	Α	16	0
6	8/15/1995	Α	11	0
6	9/5/1995	Α	21	0
6	9/19/1995	Α	14	0
6	9/26/1995	Α	7	0
6	10/23/1995	S	125	0
6	10/23/1995	Α	27	0
6	10/23/1995	S	125	0
6	6/4/1996	Α	35	0
6	6/17/1996	Α	48	0
6	6/27/1996	Α	23	0
6	7/12/1996	Α	26	0
6	7/30/1996	Α	33	0
6	8/12/1996	Α	31	0
6	8/26/1996	Α	27	0
6	9/9/1996	Α	28	0
6	9/23/1996	Α	29	0
6	10/7/1996	Α	27	0
6	10/25/1996	Α	32	0
6	10/25/1996	A	18	0
6	10/25/1996	S	176	0
6	6/30/1997	A	34	0
6	7/10/1997	A	34	0
6	7/28/1997	A	28	0
6	8/11/1997	A	32	0
6	9/2/1997	A	36	0
6	9/18/1997	A	38	0
6	10/9/1997	S	135	0
6	10/9/1997	A	37	0
6	6/16/1998	A	36	0
6	6/30/1998	A	43	0
6	7/15/1998	A	29	0
6	8/26/1998	Α	28	0

6	9/17/1998	Α	37	0
6	10/5/1998	Α	41	0
6	10/5/1998	S	68	Ö
6	6/2/1999	A	32	0
6	6/22/1999	Α	38	0
6	7/8/1999	Α	36	133
6	7/22/1999	Α	30	0
6	8/4/1999	Α	26	0
6	8/24/1999	A	33	44
6				
	9/8/1999	A	35	0
6	9/29/1999	Α	25	0
6	11/23/1999	S	207	0
6	11/23/1999	Α	75	0
6	6/8/2000	Α	43	0
6	6/20/2000	Α	28	0
6	7/5/2000	A	28	Ö
6	7/20/2000	A	30	0
6	8/3/2000	Α	28	44
6	8/21/2000	Α	31	0
6	9/11/2000	Α	38	0
6	9/25/2000	Α	34	0
6	10/17/2000	S	175	0
Lake Location	Date	QA	Lake Days	Density
7	5/24/1994	A	15	0
7	6/9/1994	Α	31	0
7	7/6/1994	Α	42	0
7	7/25/1994	Α	45	0
7	8/3/1994	Α	28	0
7	8/19/1994	Α	25	0
7	9/1/1994	Α	28	0
7	9/14/1994	Α	26	0
7	9/27/1994	A	26	0
7	10/14/1994	A	30	0
7	10/26/1994	Α	29	0
7	10/26/1994	S	154	0
7	6/20/1995	Α	13	0
7	6/29/1995	Α	9	0
7	7/18/1995	Α	19	0
7	8/3/1995	A	16	Ō
7		<i>,</i> , ,		
	9/15/1005	Λ	12	
	8/15/1995	A	12	0
7	9/1/1995	Α	17	0
7 7	9/1/1995 9/13/1995	A A	17 12	0 0
7 7 7	9/1/1995 9/13/1995 9/26/1995	A A A	17 12 13	0 0 0
7 7 7 7	9/1/1995 9/13/1995	A A A S	17 12	0 0
7 7 7	9/1/1995 9/13/1995 9/26/1995	A A A	17 12 13	0 0 0
7 7 7 7	9/1/1995 9/13/1995 9/26/1995 10/23/1995	A A A S	17 12 13 125	0 0 0
7 7 7 7 7	9/1/1995 9/13/1995 9/26/1995 10/23/1995 10/23/1995 10/23/1995	A A S S A	17 12 13 125 125 27	0 0 0 0 0
7 7 7 7 7 7	9/1/1995 9/13/1995 9/26/1995 10/23/1995 10/23/1995 10/23/1995 6/17/1996	A A S S A A	17 12 13 125 125 27 13	0 0 0 0 0 0
7 7 7 7 7 7 7	9/1/1995 9/13/1995 9/26/1995 10/23/1995 10/23/1995 10/23/1996 6/17/1996	A A S S A A	17 12 13 125 125 27 13 28	0 0 0 0 0 0
7 7 7 7 7 7 7 7	9/1/1995 9/13/1995 9/26/1995 10/23/1995 10/23/1995 10/23/1995 6/17/1996 7/2/1996 7/17/1996	A A S S A A A	17 12 13 125 125 27 13 28 31	0 0 0 0 0 0 0
7 7 7 7 7 7 7 7	9/1/1995 9/13/1995 9/26/1995 10/23/1995 10/23/1995 10/23/1996 6/17/1996 7/2/1996 7/31/1996	A A A A A A A	17 12 13 125 125 27 13 28 31 29	0 0 0 0 0 0 0
7 7 7 7 7 7 7 7 7	9/1/1995 9/13/1995 9/26/1995 10/23/1995 10/23/1995 10/23/1996 6/17/1996 7/2/1996 7/31/1996 8/14/1996	A A A A A A A A	17 12 13 125 125 27 13 28 31 29 28	0 0 0 0 0 0 0
7 7 7 7 7 7 7 7	9/1/1995 9/13/1995 9/26/1995 10/23/1995 10/23/1995 10/23/1996 6/17/1996 7/2/1996 7/31/1996	A A A A A A A	17 12 13 125 125 27 13 28 31 29	0 0 0 0 0 0 0

7				
	9/11/1996	Α	28	0
7	9/26/1996	Α	30	0
7	10/18/1996	S	136	Ö
7	10/18/1996	Ā	22	0
7				
	10/18/1996	A	37	0
7	6/19/1997	Α	31	0
7	7/7/1997	Α	32	0
7	7/21/1997	Α	32	0
7	8/4/1997	Α	28	0
7	8/20/1997	Α	30	0
7	9/15/1997	Α	42	0
7	10/2/1997	Α	43	0
7	10/2/1997	S	136	44
7	6/9/1998	Ā	28	0
7				
	6/23/1998	A	33	0
7	7/13/1998	Α	34	0
7	7/27/1998	Α	34	89
7	8/7/1998	Α	25	44
7	8/27/1998	Α	31	0
7	9/8/1998	Α	32	0
7	9/29/1998	Α	21	0
7	9/29/1998	A	34	0
7	9/29/1998	S	140	0
7				
	6/16/1999	A	34	0
7_	7/6/1999	A	42	0
7	7/20/1999	Α	34	178
7	8/2/1999	Α	28	0
7	8/18/1999	Α	28	0
7	9/1/1999	Α	30	0
7	9/13/1999	Α	25	0
7	6/22/2000	Α	33	0
7	7/11/2000	A	32	0
7	7/24/2000	A	32	
	1/24/2000			
				89
7	8/14/2000	Α	33	0
7 7	8/14/2000 8/28/2000	A A	33 34	0 0
7 7 7	8/14/2000 8/28/2000 9/14/2000	A A A	33 34 31	0 0 0
7 7 7 7	8/14/2000 8/28/2000 9/14/2000 10/11/2000	A A A S	33 34 31 146	0 0 0 0
7 7 7 7 Lake Location	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date	A A A S QA	33 34 31 146 Lake Days	0 0 0 0 Density
7 7 7 7 Lake Location 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994	A A A S QA A	33 34 31 146 Lake Days 39	0 0 0 0 Density
7 7 7 7 Lake Location	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date	A A A S QA	33 34 31 146 Lake Days	0 0 0 0 Density
7 7 7 7 Lake Location 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994	A A A S QA A	33 34 31 146 Lake Days 39	0 0 0 0 Density
7 7 7 7 Lake Location 8 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994 7/6/1994	A A A S QA A A	33 34 31 146 Lake Days 39 57	0 0 0 0 Density 0
7 7 7 7 Lake Location 8 8 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994 7/6/1994 7/25/1994 8/3/1994	A A S QA A A A	33 34 31 146 Lake Days 39 57 37 28	0 0 0 0 Density 0 0 0
7 7 7 7 Lake Location 8 8 8 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994 7/6/1994 7/25/1994 8/3/1994 8/19/1994	A A S QA A A A A	33 34 31 146 Lake Days 39 57 37 28 24	0 0 0 0 Density 0 0 0
7 7 7 7 Lake Location 8 8 8 8 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994 7/6/1994 7/25/1994 8/3/1994 8/19/1994 9/1/1994	A A S QA A A A A	33 34 31 146 Lake Days 39 57 37 28 24 29	0 0 0 Density 0 0 0 0
7 7 7 7 Lake Location 8 8 8 8 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994 7/6/1994 7/25/1994 8/3/1994 8/19/1994 9/1/1994 9/14/1994	A A S QA A A A A A	33 34 31 146 Lake Days 39 57 37 28 24 29 26	0 0 0 0 Density 0 0 0 0
7 7 7 7 Lake Location 8 8 8 8 8 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994 7/6/1994 7/25/1994 8/3/1994 8/19/1994 9/1/1994 9/14/1994 9/27/1994	A A S QA A A A A A	33 34 31 146 Lake Days 39 57 37 28 24 29 26 26	0 0 0 0 Density 0 0 0 0 0
7 7 7 7 Lake Location 8 8 8 8 8 8 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994 7/6/1994 7/25/1994 8/3/1994 8/19/1994 9/1/1994 9/14/1994 9/27/1994 10/14/1994	A A A A A A A A A	33 34 31 146 Lake Days 39 57 37 28 24 29 26 26 30	0 0 0 0 Density 0 0 0 0 0
7 7 7 7 Lake Location 8 8 8 8 8 8 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994 7/6/1994 7/25/1994 8/3/1994 8/19/1994 9/1/1994 9/14/1994 9/27/1994 10/14/1994 10/26/1994	A A A A A A A A S	33 34 31 146 Lake Days 39 57 37 28 24 29 26 26 30 169	0 0 0 0 Density 0 0 0 0 0 0
7 7 7 7 Lake Location 8 8 8 8 8 8 8 8 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994 7/6/1994 7/25/1994 8/3/1994 8/19/1994 9/11/1994 9/14/1994 9/27/1994 10/26/1994 10/26/1994	A A A A A A A A A A A A A A A A A A A	33 34 31 146 Lake Days 39 57 37 28 24 29 26 26 30 169 29	0 0 0 0 Density 0 0 0 0 0 0
7 7 7 7 Lake Location 8 8 8 8 8 8 8 8 8 8 8 8 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994 7/6/1994 7/25/1994 8/3/1994 8/19/1994 9/1/1994 9/14/1994 9/27/1994 10/14/1994 10/26/1994 6/19/1995	A A A A A A A A A A A A A A A A A A A	33 34 31 146 Lake Days 39 57 37 28 24 29 26 26 30 169 29 14	0 0 0 0 Density 0 0 0 0 0 0 0
7 7 7 7 Lake Location 8 8 8 8 8 8 8 8 8 8 8 8 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994 7/6/1994 7/25/1994 8/3/1994 8/19/1994 9/11/1994 9/14/1994 9/27/1994 10/26/1994 10/26/1994	A A A A A A A A A A A A A A A A A A A	33 34 31 146 Lake Days 39 57 37 28 24 29 26 26 30 169 29	0 0 0 0 Density 0 0 0 0 0 0
7 7 7 7 Lake Location 8 8 8 8 8 8 8 8 8 8 8 8 8	8/14/2000 8/28/2000 9/14/2000 10/11/2000 Date 6/17/1994 7/6/1994 7/25/1994 8/3/1994 8/19/1994 9/1/1994 9/14/1994 9/27/1994 10/14/1994 10/26/1994 6/19/1995	A A A A A A A A A A A A A A A A A A A	33 34 31 146 Lake Days 39 57 37 28 24 29 26 26 30 169 29 14	0 0 0 0 Density 0 0 0 0 0 0 0

0	0/0/4005	۸	40	0
8	8/3/1995	Α	16	0
8	8/15/1995	Α	12	0
8	9/1/1995	Α	17	0
8	9/13/1995	Α	12	0
8	9/26/1995	Α	13	0
8	10/23/1995	A	27	0
8	10/23/1995	S	126	44
8	10/23/1995	S	126	89
8	6/18/1996	Α	14	0
8	7/2/1996	Α	28	0
8	7/17/1996	Α	30	0
8	7/31/1996	A	29	44
8	8/14/1996	Α	28	18,578
8	8/28/1996	Α	28	32,178
8	9/11/1996	Α	14	311
8	9/26/1996	Α	30	0
8	10/18/1996	S	136	5,822
8	10/18/1996	A	22	89
8	10/18/1996	Α	37	44
8	6/5/1997	Α	28	0
8	6/19/1997	Α	27	0
8	7/7/1997	Α	32	356
8	7/21/1997	A	32	7,644
8	8/4/1997	A	28	
				7,111
8	8/20/1997	Α	30	3,022
8	9/15/1997	Α	42	1,244
8	10/2/1997	Α	17	0
8	10/2/1997	Α	43	44
8	10/2/1997	S	147	622
8	6/9/1998	Ä	28	0
		A	33	0
8	6/23/1998			
8	7/13/1998	Α	34	0
8	7/27/1998	Α	34	667
8	8/7/1998	Α	25	667
8	8/27/1998	Α	31	311
8	9/8/1998	Α	32	0
8	9/29/1998	S	140	89
8	9/29/1998	A	34	0
8	9/29/1998	Α	21	0
8	5/24/1999	Α	35	0
8	6/16/1999	Α	33	0
8	7/6/1999	Α	42	711
8	7/20/1999	A	34	4,222
8	8/2/1999	A	27	3,467
8	8/18/1999	Α	29	222
8	9/1/1999	Α	30	44
8	9/13/1999	Α	25	178
8	9/27/1999	Α	26	0
8	10/21/1999	Α	186	1,022
8	10/21/1999	A	38	0
8	6/21/2000	Ä	32	0
8	7/11/2000	Α	32	0

•	7/04/0000	•	00	•
8	7/24/2000	A	33	0
8	8/14/2000	Α	33	1,733
8	8/28/2000	Α	34	933
8	9/14/2000	Α	30	0
8	10/11/2000	S	146	0
Lake Location	Date	QA	Lake Days	Density
9	6/17/1994	Α	39	0
9	7/6/1994	Α	57	0
9	7/25/1994	Α	37	0
9	8/3/1994	Α	28	0
9	8/19/1994	Α	25	0
9	9/1/1994	A	29	0
9	9/14/1994	A	26	0
9	9/27/1994	A	26	0
9	10/14/1994	A	30	0
9	10/26/1994	S	170	0
9	10/26/1994	A	29	0
9	6/19/1995	A	12	0
9	6/27/1995	A	8	0
9	7/18/1995	Α	21	0
9	8/3/1995	Α	16	0
9	9/1/1995	Α	29	0
9	9/15/1995	Α	14	0
9	9/26/1995	Α	11	0
9	10/23/1995	S	126	0
9	10/23/1995	Α	126	0
9	10/23/1995	Α	27	0
9	6/25/1996	Α	21	0
9	7/10/1996	Α	35	0
9	7/25/1996	Α	30	0
9	8/7/1996	Α	28	44
9	8/23/1996	A	29	89
9	9/6/1996	A	29	44
9	9/20/1996	A	29	0
9	10/4/1996	A	28	0
9	10/25/1996	S	35	0
9	10/25/1996		21	0
		A	143	
9	10/25/1996	A		178
9	6/17/1997	A	40	0
9	7/8/1997	A	36	0
9	7/23/1997	A	36	26,000
9	8/5/1997	Α	28	98,000
9	8/25/1997	Α	33	19,867
9	9/9/1997	Α	35	2,356
9	9/25/1997	S	140	21,111
9	9/25/1997	Α	31	1,067
9	9/25/1997	Α	16	133
9	6/2/1998	Α	32	0
9	6/19/1998	Α	35	0
9	7/10/1998	Α	38	44
9	7/22/1998	Α	33	
9	8/5/1998	Α	26	
9 9 9 9	6/2/1998 6/19/1998 7/10/1998 7/22/1998	A A A	32 35 38 33	0 0

9	8/21/1998	Α	30	1,111
9	9/2/1998	Α	28	356
9	9/24/1998	Α	35	44
9	10/16/1998	Α	44	0
9	10/16/1998	S	169	2,133
9	7/7/1999	Α	30	44
9	7/26/1999	Α	49	13,600
9	8/6/1999	Α	30	21,378
9	8/20/1999	A	25	8,044
9	9/1/1999	A	26	2,356
9	9/14/1999	A	25	311
9	10/5/1999	A	21	0
9	10/5/1999	A	34	222
9	10/5/1999	A	120	11,511
9	6/13/2000	A	43	0
9	6/27/2000	A	28	0
9	7/12/2000	A	30	89
9	7/26/2000	A	30	13,867
9	8/11/2000	A	30	210,000
9	8/25/2000	A	30	76,000
9	9/13/2000	A	32	16,978
9	10/3/2000	S	156	47,244
Lake Location	Date	QA	Lake Days	Density
10	5/31/1994	Α		0
10	6/17/1994	Α	17	0
10	7/6/1994	Α	35	0
10	7/25/1994	Α	37	0
10	9/1/1994	Α	13	0
10 10	9/14/1994	Α	26	0
10 10 10	9/14/1994 6/27/1995	A A	26 33	0 0
10 10	9/14/1994	Α	26	0
10 10 10	9/14/1994 6/27/1995	A A	26 33	0 0
10 10 10 10	9/14/1994 6/27/1995 7/14/1995	A A A	26 33 17	0 0 0
10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995	A A A	26 33 17 20	0 0 0 0
10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995	A A A A	26 33 17 20 21	0 0 0 0
10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1995	A A A A	26 33 17 20 21 22	0 0 0 0 0
10 10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1995 7/10/1996	A A A A A	26 33 17 20 21 22 14	0 0 0 0 0 0
10 10 10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/10/1996 7/25/1996	A A A A A	26 33 17 20 21 22 14 29	0 0 0 0 0 0 0
10 10 10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1995 7/10/1996 7/25/1996 8/7/1996	A A A A A A	26 33 17 20 21 22 14 29 28	0 0 0 0 0 0 0
10 10 10 10 10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1995 7/10/1996 7/25/1996 8/7/1996 9/6/1996	A A A A A A A A	26 33 17 20 21 22 14 29 28 3	0 0 0 0 0 0 0 0
10 10 10 10 10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/25/1996 8/7/1996 9/6/1996 9/6/1996	A A A A A A A A S	26 33 17 20 21 22 14 29 28 3 30 74	0 0 0 0 0 0 0 0
10 10 10 10 10 10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/10/1996 7/25/1996 9/6/1996 9/6/1996 9/6/1996 6/20/1997	A A A A A A A A S A	26 33 17 20 21 22 14 29 28 3 30 74 32	0 0 0 0 0 0 0 0 0
10 10 10 10 10 10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/25/1996 8/7/1996 9/6/1996 9/6/1996 9/6/1996 6/20/1997 7/8/1997	A A A A A A A A A A A A A A A A A A A	26 33 17 20 21 22 14 29 28 3 30 74 32 36	0 0 0 0 0 0 0 0 0
10 10 10 10 10 10 10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/25/1996 8/7/1996 9/6/1996 9/6/1996 9/6/1997 7/8/1997	A A A A A A A A A A A A A A A A A A A	26 33 17 20 21 22 14 29 28 3 30 74 32 36 33	0 0 0 0 0 0 0 0 0
10 10 10 10 10 10 10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/25/1996 8/7/1996 9/6/1996 9/6/1996 9/6/1997 7/8/1997 7/23/1997 8/5/1997	A A A A A A A A A A A A A A A A A A A	26 33 17 20 21 22 14 29 28 3 30 74 32 36 33 28	0 0 0 0 0 0 0 0 0
10 10 10 10 10 10 10 10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/25/1996 8/7/1996 9/6/1996 9/6/1996 9/6/1997 7/8/1997 7/23/1997 8/5/1997	A A A A A A A A A A A A A A A A A A A	26 33 17 20 21 22 14 29 28 3 30 74 32 36 33 28 33	0 0 0 0 0 0 0 0 0 0
10 10 10 10 10 10 10 10 10 10 10 10 10	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/25/1996 8/7/1996 9/6/1996 9/6/1996 9/6/1997 7/8/1997 7/23/1997 8/5/1997 8/25/1997 9/9/1997	A A A A A A A A A A A A A A A A A A A	26 33 17 20 21 22 14 29 28 3 30 74 32 36 33 28 33 35	0 0 0 0 0 0 0 0 0 0
10 10 10 10 10 10 10 10 10 10 10 10 10 1	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/25/1996 8/7/1996 9/6/1996 9/6/1996 9/6/1997 7/8/1997 7/23/1997 8/25/1997 8/25/1997 9/9/1997	A A A A A A A A A A A A A A A A A A A	26 33 17 20 21 22 14 29 28 3 30 74 32 36 33 28 33 35 135	0 0 0 0 0 0 0 0 0 0 0
10 10 10 10 10 10 10 10 10 10 10 10 10 1	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/25/1996 8/7/1996 9/6/1996 9/6/1996 6/20/1997 7/8/1997 7/23/1997 8/5/1997 8/25/1997 9/9/1997 10/1/1997	A A A A A A A A A A A A A A A A A A A	26 33 17 20 21 22 14 29 28 3 30 74 32 36 33 28 33 35 135 22	0 0 0 0 0 0 0 0 0 0 0
10 10 10 10 10 10 10 10 10 10 10 10 10 1	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/25/1996 8/7/1996 9/6/1996 9/6/1996 9/6/1997 7/8/1997 7/8/1997 8/5/1997 8/5/1997 9/9/1997 10/1/1997 10/1/1997	A A A A A A A A A A A A A A A A A A A	26 33 17 20 21 22 14 29 28 3 30 74 32 36 33 28 33 35 135 22 37	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/25/1996 8/7/1996 9/6/1996 9/6/1996 9/6/1997 7/8/1997 7/23/1997 8/5/1997 8/25/1997 9/9/1997 10/1/1997 10/1/1997	A A A A A A A A A A A A A A A A A A A	26 33 17 20 21 22 14 29 28 3 30 74 32 36 33 28 33 35 135 22 37 35	
10 10 10 10 10 10 10 10 10 10 10 10 10 1	9/14/1994 6/27/1995 7/14/1995 8/3/1995 8/24/1995 9/15/1996 7/25/1996 8/7/1996 9/6/1996 9/6/1996 9/6/1997 7/8/1997 7/8/1997 8/5/1997 8/5/1997 9/9/1997 10/1/1997 10/1/1997	A A A A A A A A A A A A A A A A A A A	26 33 17 20 21 22 14 29 28 3 30 74 32 36 33 28 33 35 135 22 37	

10	8/21/1998	Α	2	0	
10	9/9/1998	Α	26	0	
10	10/16/1998	S	130	0	
10	10/16/1998	Α	46	0	
10	6/17/1999	Α	58	0	
10	7/12/1999	Α	40	0	
10	7/26/1999	Α	40	0	
10	8/6/1999	Α	25	0	
10	8/20/1999	Α	25	0	
10	9/1/1999	Α	25	0	
10	9/21/1999	Α	32	0	
10	10/5/1999	Α	35	0	
10	10/5/1999	S	168	0	
10	6/13/2000	Α	43	0	
10	6/27/2000	Α	29	0	
10	7/12/2000	Α	30	0	
10	7/26/2000	Α	30	0	
10	8/8/2000	Α	27	0	

2	Secchi	0.2	0.8	1.2	1.6	3
2	Temp	2.7	13.9	17.7	20.1	25.8
Lake Location	Test	Minimum	25th	Population	75th	Maximum
		Value	Percentile	Median	Percentile	Value
3	Alk	46.8	52.1	53.7	54.9	60.6
3	Ca	15.5	17.1	17.6	17.8	18.3
3	Chl-a	0.88	2.18	3.64	5.16	13.58
3	CI	10.8	11.7	12	12.3	13.8
3	Fe	20	28	31	48	57
3	K	1.2	1.3	1.3	1.3	1.4
3	Mg	4	4.3	4.4	4.4	4.7
3	Na	8	8.3	8.5	8.7	8.8
3	рН	6.21	7.61	7.75	7.97	8.8
3	Secchi	1.8	3.2	4	5	7.2
3	Temp	1.8	6.4	9.7	14.6	21.2
Lake Location	Test	Minimum	25th	Population	75th	Maximum
		Value	Percentile	Median	Percentile	Value
4	Alk	46.3	50.3	51.1	52	55
4	Ca	15.4	16.2	16.5	17	17
4	Chl-a	0.62	2.64	3.41	4.9	8.78
4	Cl	10.7	11.5	11.8	12.1	12.9
4	Fe	20	22	28	40	100
4	K	1.2	1.3	1.3	1.3	1.4
4	Mg	3.9	4.1	4.1	4.2	4.3
4	Na	7.6	8.1	8.2	8.2	8.3
4	рН	7.05	7.62	7.84	8.1	8.7
4	Secchi	2.5	4.4	5.3	6.3	8.9
4	Temp	2.7	6	8.2	14	21.8
Lake Location	Test	Minimum	25th	Population	75th	Maximum
		Value	Percentile	Median	Percentile	Value
5	Alk	47.5	50.5	51.6	52.6	56.3
5	Ca	15.6	16.8	16.9	16.9	17
5						
	Chl-a	0.88	2.65	3.41	5.33	14.06
5	Chl-a Cl			3.41 11.8	12.2	14.06 13.6
5 5	Cl Fe	0.88 11.1 20	2.65 11.5 20	11.8 24	12.2 31	13.6 41
5 5 5	CI	0.88 11.1	2.65 11.5	11.8	12.2	13.6
5 5 5 5	CI Fe K Mg	0.88 11.1 20 1.2 4	2.65 11.5 20 1.3 4.1	11.8 24 1.3 4.2	12.2 31 1.3 4.3	13.6 41 1.4 4.3
5 5 5 5 5	CI Fe K Mg Na	0.88 11.1 20 1.2 4 8	2.65 11.5 20 1.3 4.1 8.3	11.8 24 1.3 4.2 8.3	12.2 31 1.3 4.3 8.4	13.6 41 1.4 4.3 8.4
5 5 5 5 5 5	CI Fe K Mg Na pH	0.88 11.1 20 1.2 4 8 7.47	2.65 11.5 20 1.3 4.1 8.3 7.82	11.8 24 1.3 4.2 8.3 8.02	12.2 31 1.3 4.3 8.4 8.33	13.6 41 1.4 4.3 8.4 8.97
5 5 5 5 5 5 5	CI Fe K Mg Na pH Secchi	0.88 11.1 20 1.2 4 8 7.47 2	2.65 11.5 20 1.3 4.1 8.3 7.82 4	11.8 24 1.3 4.2 8.3 8.02 4.9	12.2 31 1.3 4.3 8.4 8.33 5.8	13.6 41 1.4 4.3 8.4 8.97 9
5 5 5 5 5 5 5 5	CI Fe K Mg Na pH Secchi Temp	0.88 11.1 20 1.2 4 8 7.47 2 4.8	2.65 11.5 20 1.3 4.1 8.3 7.82 4	11.8 24 1.3 4.2 8.3 8.02 4.9 17.7	12.2 31 1.3 4.3 8.4 8.33 5.8 20.2	13.6 41 1.4 4.3 8.4 8.97 9
5 5 5 5 5 5 5	CI Fe K Mg Na pH Secchi	0.88 11.1 20 1.2 4 8 7.47 2 4.8 Minimum	2.65 11.5 20 1.3 4.1 8.3 7.82 4 14 25th	11.8 24 1.3 4.2 8.3 8.02 4.9 17.7 Population	12.2 31 1.3 4.3 8.4 8.33 5.8 20.2 75th	13.6 41 1.4 4.3 8.4 8.97 9 22 Maximum
5 5 5 5 5 5 5 5 Lake Location	CI Fe K Mg Na pH Secchi Temp	0.88 11.1 20 1.2 4 8 7.47 2 4.8 Minimum Value	2.65 11.5 20 1.3 4.1 8.3 7.82 4 14 25th Percentile	11.8 24 1.3 4.2 8.3 8.02 4.9 17.7 Population Median	12.2 31 1.3 4.3 8.4 8.33 5.8 20.2 75th Percentile	13.6 41 1.4 4.3 8.4 8.97 9 22 Maximum Value
5 5 5 5 5 5 5 Lake Location	CI Fe K Mg Na pH Secchi Temp Test Alk	0.88 11.1 20 1.2 4 8 7.47 2 4.8 Minimum Value 30.2	2.65 11.5 20 1.3 4.1 8.3 7.82 4 14 25th Percentile 33.5	11.8 24 1.3 4.2 8.3 8.02 4.9 17.7 Population Median 34.7	12.2 31 1.3 4.3 8.4 8.33 5.8 20.2 75th Percentile 36.9	13.6 41 1.4 4.3 8.4 8.97 9 22 Maximum Value 39.6
5 5 5 5 5 5 5 5 5 5 5 5	CI Fe K Mg Na pH Secchi Temp Test Alk Ca	0.88 11.1 20 1.2 4 8 7.47 2 4.8 Minimum Value 30.2 13	2.65 11.5 20 1.3 4.1 8.3 7.82 4 14 25th Percentile 33.5 13	11.8 24 1.3 4.2 8.3 8.02 4.9 17.7 Population Median 34.7 13.4	12.2 31 1.3 4.3 8.4 8.33 5.8 20.2 75th Percentile 36.9 13.8	13.6 41 1.4 4.3 8.4 8.97 9 22 Maximum Value 39.6 13.9
5 5 5 5 5 5 5 5 Lake Location	CI Fe K Mg Na pH Secchi Temp Test Alk Ca Chl-a	0.88 11.1 20 1.2 4 8 7.47 2 4.8 Minimum Value 30.2 13 1.52	2.65 11.5 20 1.3 4.1 8.3 7.82 4 14 25th Percentile 33.5 13 2.34	11.8 24 1.3 4.2 8.3 8.02 4.9 17.7 Population Median 34.7 13.4 3.16	12.2 31 1.3 4.3 8.4 8.33 5.8 20.2 75th Percentile 36.9 13.8 4.12	13.6 41 1.4 4.3 8.4 8.97 9 22 Maximum Value 39.6 13.9 8.97
5 5 5 5 5 5 5 Lake Location 6 6 6	CI Fe K Mg Na pH Secchi Temp Test Alk Ca Chl-a Cl	0.88 11.1 20 1.2 4 8 7.47 2 4.8 Minimum Value 30.2 13 1.52 8.4	2.65 11.5 20 1.3 4.1 8.3 7.82 4 14 25th Percentile 33.5 13 2.34 9.5	11.8 24 1.3 4.2 8.3 8.02 4.9 17.7 Population Median 34.7 13.4 3.16 10	12.2 31 1.3 4.3 8.4 8.33 5.8 20.2 75th Percentile 36.9 13.8 4.12 10.4	13.6 41 1.4 4.3 8.4 8.97 9 22 Maximum Value 39.6 13.9 8.97 11.3
5 5 5 5 5 5 5 Lake Location 6 6 6	CI Fe K Mg Na pH Secchi Temp Test Alk Ca Chl-a Cl Fe	0.88 11.1 20 1.2 4 8 7.47 2 4.8 Minimum Value 30.2 13 1.52 8.4 21	2.65 11.5 20 1.3 4.1 8.3 7.82 4 14 25th Percentile 33.5 13 2.34 9.5 31	11.8 24 1.3 4.2 8.3 8.02 4.9 17.7 Population Median 34.7 13.4 3.16 10 45	12.2 31 1.3 4.3 8.4 8.33 5.8 20.2 75th Percentile 36.9 13.8 4.12 10.4 52	13.6 41 1.4 4.3 8.4 8.97 9 22 Maximum Value 39.6 13.9 8.97 11.3 107
5 5 5 5 5 5 5 Lake Location 6 6 6	CI Fe K Mg Na pH Secchi Temp Test Alk Ca Chl-a Cl Fe K	0.88 11.1 20 1.2 4 8 7.47 2 4.8 Minimum Value 30.2 13 1.52 8.4 21 0.9	2.65 11.5 20 1.3 4.1 8.3 7.82 4 14 25th Percentile 33.5 13 2.34 9.5 31	11.8 24 1.3 4.2 8.3 8.02 4.9 17.7 Population Median 34.7 13.4 3.16 10 45	12.2 31 1.3 4.3 8.4 8.33 5.8 20.2 75th Percentile 36.9 13.8 4.12 10.4 52 1	13.6 41 1.4 4.3 8.4 8.97 9 22 Maximum Value 39.6 13.9 8.97 11.3 107 1.1
5 5 5 5 5 5 5 Lake Location 6 6 6 6	CI Fe K Mg Na pH Secchi Temp Test Alk Ca Chl-a Cl Fe K Mg	0.88 11.1 20 1.2 4 8 7.47 2 4.8 Minimum Value 30.2 13 1.52 8.4 21 0.9 2.5	2.65 11.5 20 1.3 4.1 8.3 7.82 4 14 25th Percentile 33.5 13 2.34 9.5 31 1 2.6	11.8 24 1.3 4.2 8.3 8.02 4.9 17.7 Population Median 34.7 13.4 3.16 10 45 1 2.6	12.2 31 1.3 4.3 8.4 8.33 5.8 20.2 75th Percentile 36.9 13.8 4.12 10.4 52 1	13.6 41 1.4 4.3 8.4 8.97 9 22 Maximum Value 39.6 13.9 8.97 11.3 107 1.1
5 5 5 5 5 5 5 Lake Location 6 6 6	CI Fe K Mg Na pH Secchi Temp Test Alk Ca Chl-a Cl Fe K	0.88 11.1 20 1.2 4 8 7.47 2 4.8 Minimum Value 30.2 13 1.52 8.4 21 0.9	2.65 11.5 20 1.3 4.1 8.3 7.82 4 14 25th Percentile 33.5 13 2.34 9.5 31	11.8 24 1.3 4.2 8.3 8.02 4.9 17.7 Population Median 34.7 13.4 3.16 10 45	12.2 31 1.3 4.3 8.4 8.33 5.8 20.2 75th Percentile 36.9 13.8 4.12 10.4 52 1	13.6 41 1.4 4.3 8.4 8.97 9 22 Maximum Value 39.6 13.9 8.97 11.3 107 1.1

6	Secchi	2	3.8	4.3	5.1	9
6	Temp	4.3	8.9	13.1	19.2	22.4
Lake Location	Test	Minimum	25th	Population	75th	Maximum
		Value	Percentile	Median	Percentile	Value
7	Alk	39.1	46.2	46.6	47.3	48.9
7	Ca	16.1	16.3	16.9	17	17.2
7	Chl-a	1.58	3.1	4.21	5.02	13.82
7	CI	9.2	9.6	9.7	9.8	10.6
7	Cond	87	122	140	147	288
7	Fe	20	20	22	28	75
7	K	1.6	1.7	1.7	1.7	1.7
7	Mg	3.6	3.6	3.7	3.7	3.7
7	Na	5.9	6	6.1	6.2	6.3
7	рН	7.05	7.42	7.66	8.04	8.6
7	Secchi	3	4.4	5	5.6	8.6
7	Temp	3	9.2	11.8	16.8	22.3
Lake Location	Test	Minimum	25th	Population	75th	Maximum
		Value	Percentile	Median	Percentile	Value
8	Alk	44.6	48.4	49.2	50.7	54.4
8	Ca	15.6	16.6	16.6	16.9	17.1
8	Chl-a	0.59	2.12	3.51	4.49	10.18
8	CI	10.5	11.2	11.5	11.8	12.5
8	Fe	20	21	22	34	38
8	K	1.2	1.3	1.3	1.3	1.3
8	Mg	3.9	4	4.1	4.2	4.7
8	Na	7.5	7.9	8	8.2	8.2
8	рН	7.21	7.66	7.82	8.04	8.94
8	Secchi	2.8	4.2	5	5.7	9
8	Temp	2	6.3	9.8	15.8	22.2
Lake Location	Test	Minimum	25th	Population	75th	Maximum
		Value	Percentile	Median	Percentile	Value
9	Alk					
9		44.4	47.8	49	50.2	54
	Ca	15.2	47.8 15.5	49 15.7	50.2 16.4	
9						54
9	Ca	15.2	15.5	15.7	16.4	54 16.6
	Ca Chl-a	15.2 0.39	15.5 1.64	15.7 2.64	16.4 3.89	54 16.6 9.72
9	Ca Chl-a Cl	15.2 0.39 10	15.5 1.64 11	15.7 2.64 11.3	16.4 3.89 11.6	54 16.6 9.72 12.6
9	Ca Chl-a Cl Fe	15.2 0.39 10 20	15.5 1.64 11 24	15.7 2.64 11.3 27	16.4 3.89 11.6 33	54 16.6 9.72 12.6 43
9 9 9 9	Ca Chl-a Cl Fe K	15.2 0.39 10 20 1.1	15.5 1.64 11 24 1.1 3.9 7.7	15.7 2.64 11.3 27 1.3	16.4 3.89 11.6 33 1.3	54 16.6 9.72 12.6 43 1.3
9 9 9 9 9	Ca Chl-a Cl Fe K Mg	15.2 0.39 10 20 1.1 3.8	15.5 1.64 11 24 1.1 3.9	15.7 2.64 11.3 27 1.3 4	16.4 3.89 11.6 33 1.3 4.1 7.8 8.13	54 16.6 9.72 12.6 43 1.3 4.1
9 9 9 9	Ca Chl-a Cl Fe K Mg Na	15.2 0.39 10 20 1.1 3.8 7.2	15.5 1.64 11 24 1.1 3.9 7.7	15.7 2.64 11.3 27 1.3 4 7.8	16.4 3.89 11.6 33 1.3 4.1 7.8	54 16.6 9.72 12.6 43 1.3 4.1
9 9 9 9 9	Ca Chl-a Cl Fe K Mg Na pH	15.2 0.39 10 20 1.1 3.8 7.2 6.52	15.5 1.64 11 24 1.1 3.9 7.7 7.79	15.7 2.64 11.3 27 1.3 4 7.8 7.95	16.4 3.89 11.6 33 1.3 4.1 7.8 8.13	54 16.6 9.72 12.6 43 1.3 4.1 8.2 8.57
9 9 9 9 9 9	Ca Chl-a Cl Fe K Mg Na pH Secchi	15.2 0.39 10 20 1.1 3.8 7.2 6.52 0.6	15.5 1.64 11 24 1.1 3.9 7.7 7.79 3.3	15.7 2.64 11.3 27 1.3 4 7.8 7.95 4.1	16.4 3.89 11.6 33 1.3 4.1 7.8 8.13 5	54 16.6 9.72 12.6 43 1.3 4.1 8.2 8.57 6.6
9 9 9 9 9 9 9 Lake Location	Ca Chl-a Cl Fe K Mg Na pH Secchi Temp	15.2 0.39 10 20 1.1 3.8 7.2 6.52 0.6 5 Minimum Value	15.5 1.64 11 24 1.1 3.9 7.7 7.79 3.3 13 25th Percentile	15.7 2.64 11.3 27 1.3 4 7.8 7.95 4.1 17.3 Population Median	16.4 3.89 11.6 33 1.3 4.1 7.8 8.13 5 20.4 75th Percentile	54 16.6 9.72 12.6 43 1.3 4.1 8.2 8.57 6.6 23.7 Maximum Value
9 9 9 9 9 9 9 Lake Location	Ca Chl-a Cl Fe K Mg Na pH Secchi Temp Test Alk	15.2 0.39 10 20 1.1 3.8 7.2 6.52 0.6 5 Minimum Value 21.3	15.5 1.64 11 24 1.1 3.9 7.7 7.79 3.3 13 25th Percentile 34.9	15.7 2.64 11.3 27 1.3 4 7.8 7.95 4.1 17.3 Population Median 37.8	16.4 3.89 11.6 33 1.3 4.1 7.8 8.13 5 20.4 75th Percentile 45	54 16.6 9.72 12.6 43 1.3 4.1 8.2 8.57 6.6 23.7 Maximum Value 52.8
9 9 9 9 9 9 4 Lake Location 10	Ca Chl-a Cl Fe K Mg Na pH Secchi Temp Test Alk Ca	15.2 0.39 10 20 1.1 3.8 7.2 6.52 0.6 5 Minimum Value 21.3 11.9	15.5 1.64 11 24 1.1 3.9 7.7 7.79 3.3 13 25th Percentile 34.9 11.9	15.7 2.64 11.3 27 1.3 4 7.8 7.95 4.1 17.3 Population Median 37.8 12	16.4 3.89 11.6 33 1.3 4.1 7.8 8.13 5 20.4 75th Percentile 45 12.7	54 16.6 9.72 12.6 43 1.3 4.1 8.2 8.57 6.6 23.7 Maximum Value 52.8 12.8
9 9 9 9 9 9 9 Lake Location 10 10	Ca Chl-a Cl Fe K Mg Na pH Secchi Temp Test Alk Ca Chl-a	15.2 0.39 10 20 1.1 3.8 7.2 6.52 0.6 5 Minimum Value 21.3 11.9 1.91	15.5 1.64 11 24 1.1 3.9 7.7 7.79 3.3 13 25th Percentile 34.9 11.9 7.08	15.7 2.64 11.3 27 1.3 4 7.8 7.95 4.1 17.3 Population Median 37.8 12 10.59	16.4 3.89 11.6 33 1.3 4.1 7.8 8.13 5 20.4 75th Percentile 45 12.7 18.3	54 16.6 9.72 12.6 43 1.3 4.1 8.2 8.57 6.6 23.7 Maximum Value 52.8 12.8 116.36
9 9 9 9 9 9 1 0 Lake Location 10 10 10	Ca Chl-a Cl Fe K Mg Na pH Secchi Temp Test Alk Ca Chl-a Cl	15.2 0.39 10 20 1.1 3.8 7.2 6.52 0.6 5 Minimum Value 21.3 11.9 1.91 4.3	15.5 1.64 11 24 1.1 3.9 7.7 7.79 3.3 13 25th Percentile 34.9 11.9 7.08 7.3	15.7 2.64 11.3 27 1.3 4 7.8 7.95 4.1 17.3 Population Median 37.8 12 10.59 7.9	16.4 3.89 11.6 33 1.3 4.1 7.8 8.13 5 20.4 75th Percentile 45 12.7 18.3 8.5	54 16.6 9.72 12.6 43 1.3 4.1 8.2 8.57 6.6 23.7 Maximum Value 52.8 12.8 116.36 10.7
9 9 9 9 9 9 9 Lake Location 10 10 10 10	Ca Chl-a Cl Fe K Mg Na pH Secchi Temp Test Alk Ca Chl-a Cl Fe	15.2 0.39 10 20 1.1 3.8 7.2 6.52 0.6 5 Minimum Value 21.3 11.9 1.91 4.3 146	15.5 1.64 11 24 1.1 3.9 7.7 7.79 3.3 13 25th Percentile 34.9 11.9 7.08 7.3 159	15.7 2.64 11.3 27 1.3 4 7.8 7.95 4.1 17.3 Population Median 37.8 12 10.59 7.9 216	16.4 3.89 11.6 33 1.3 4.1 7.8 8.13 5 20.4 75th Percentile 45 12.7 18.3 8.5 277	54 16.6 9.72 12.6 43 1.3 4.1 8.2 8.57 6.6 23.7 Maximum Value 52.8 12.8 116.36 10.7 489
9 9 9 9 9 9 Lake Location 10 10 10 10 10	Ca Chl-a Cl Fe K Mg Na pH Secchi Temp Test Alk Ca Chl-a Cl Fe K	15.2 0.39 10 20 1.1 3.8 7.2 6.52 0.6 5 Minimum Value 21.3 11.9 1.91 4.3 146 1.3	15.5 1.64 11 24 1.1 3.9 7.7 7.79 3.3 13 25th Percentile 34.9 11.9 7.08 7.3 159 1.3	15.7 2.64 11.3 27 1.3 4 7.8 7.95 4.1 17.3 Population Median 37.8 12 10.59 7.9 216 1.4	16.4 3.89 11.6 33 1.3 4.1 7.8 8.13 5 20.4 75th Percentile 45 12.7 18.3 8.5 277 1.4	54 16.6 9.72 12.6 43 1.3 4.1 8.2 8.57 6.6 23.7 Maximum Value 52.8 12.8 116.36 10.7 489 1.6
9 9 9 9 9 9 9 Lake Location 10 10 10 10	Ca Chl-a Cl Fe K Mg Na pH Secchi Temp Test Alk Ca Chl-a Cl Fe	15.2 0.39 10 20 1.1 3.8 7.2 6.52 0.6 5 Minimum Value 21.3 11.9 1.91 4.3 146	15.5 1.64 11 24 1.1 3.9 7.7 7.79 3.3 13 25th Percentile 34.9 11.9 7.08 7.3 159	15.7 2.64 11.3 27 1.3 4 7.8 7.95 4.1 17.3 Population Median 37.8 12 10.59 7.9 216	16.4 3.89 11.6 33 1.3 4.1 7.8 8.13 5 20.4 75th Percentile 45 12.7 18.3 8.5 277	54 16.6 9.72 12.6 43 1.3 4.1 8.2 8.57 6.6 23.7 Maximum Value 52.8 12.8 116.36 10.7 489

10	рН	5.85	7.61	7.86	8.23	9.66
10	Secchi	0.6	1.3	1.6	2.1	3.5
10	Temp	7	14	18.9	21.2	24.8