

Zebra mussel veliger density data 1994-2011

Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
BAHA	5/5/1998	11.7	1.9	No	0	BAHA	6/26/2002	20.4	4.6	No	151
BAHA	5/20/1998	15.6	2	No	2	BAHA	7/10/2002	21	3.6	No	26,249
BAHA	6/11/1998	18.5	4	No	32	BAHA	8/1/2002	24		Yes	251
BAHA	6/25/1998	21.8	3.3	No	1,306	BAHA	8/16/2002	24	4	No	37
BAHA	7/14/1998	20.1	3.1	No	32,961	BAHA	9/25/2002			No	86
BAHA	7/28/1998	21	4	No	3,214	CHIP	6/10/1994			No	25
BAHA	8/10/1998	21.2	5.1	No	1,956	CHIP	7/18/1994			No	0
BAHA	8/31/1998	21.2	3.9	No	0	CHIP	7/27/1994	24.8		Yes	0
BAHA	9/21/1998	17.9	2.7	No	94	CHIP	8/25/1994	22		No	19
BAHA	10/13/1998	14.8		Yes	2	CHIP	9/2/1994			No	201
BAHA	5/3/1999	10		Yes	0	CHIP	9/21/1994	17.8		No	295
BAHA	5/25/1999	11.8		No	0	CHIP	11/2/1994	11.5		No	0
BAHA	6/7/1999	14.7		Yes	2,323	CHIP	5/26/1995	16		No	663
BAHA	6/24/1999	20		Yes	3,295	CHIP	6/14/1995	19.3		No	1,682
BAHA	7/15/1999	20		Yes	3,173	CHIP	7/12/1995	25	0.5	No	17,780
BAHA	8/3/1999	20	4	No	2,284	CHIP	7/25/1995	25.1		No	1,021
BAHA	8/23/1999	20.7	4.1	No	14,990	CHIP	8/22/1995	22.9		No	20,727
BAHA	9/7/1999	22	3.3	No	1,897	CHIP	9/12/1995	17		No	19,724
BAHA	10/8/1999			No	3	CHIP	10/18/1995	12		No	24
BAHA	5/4/2000	4		Yes	0	CHIP	6/5/1996	17		No	2,788
BAHA	6/5/2000	13.1	3.9	No	19	CHIP	6/24/1996			No	4,411
BAHA	6/21/2000	15.9	3.9	No	134	CHIP	7/9/1996	24		No	29,880
BAHA	7/7/2000	18	2.1	No	26,840	CHIP	7/24/1996	21.5		No	7,202
BAHA	7/21/2000	19.2	3.1	No	12,054	CHIP	8/5/1996	22		No	41,839
BAHA	8/7/2000	20.2	4.1	No	562	CHIP	8/19/1996	24.5		No	26,489
BAHA	8/24/2000	20.8	5	No	5,282	CHIP	9/3/1996	24		No	89,453
BAHA	9/7/2000	20		Yes	1,451	CHIP	9/17/1996	20.5		No	6,375
BAHA	10/2/2000	15		Yes	12	CHIP	9/30/1996	17		No	11,415
BAHA	5/10/2001	12.3	2.1	No	0	CHIP	5/5/1997	12.2	1	No	0
BAHA	5/24/2001			No	0	CHIP	5/22/1997	13	0.8	No	2,009
BAHA	6/7/2001	15	3.8	No	0	CHIP	6/4/1997	20	1	No	31,743
BAHA	6/25/2001	19.8	4.8	No	4,282	CHIP	6/18/1997	19.7	0.6	No	168,660
BAHA	7/9/2001	19.9	4.5	No	3,730	CHIP	7/2/1997	26	0.5	No	19,136
BAHA	7/25/2001	24.6	3.6	No	1,015	CHIP	7/17/1997	24.8	0.5	No	55,563
BAHA	8/7/2001	25.5		Yes	4,894	CHIP	8/1/1997	22.8	1	No	60,648
BAHA	8/27/2001	21.2	3.9	No	1,230	CHIP	8/18/1997	22.7	1.2	No	59,602
BAHA	9/12/2001	19.5		Yes	72	CHIP	9/4/1997	20.2	1.2	No	18,974
BAHA	9/26/2001	18.3		Yes	274	CHIP	9/19/1997	20	0.6	No	302
BAHA	4/30/2002	7		No	0	CHIP	10/8/1997	14.2	1.4	No	149
BAHA	5/17/2002	9	3.8	No	2	CHIP	4/29/1998	10.8	0.6	No	0
BAHA	6/10/2002	15	4.8	No	2,372	CHIP	5/14/1998	17.2	0.9	No	5,314

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
CHIP	5/29/1998	21.8	0.5	No	3,656	CHIP	8/28/2001	23.2	1.1	No	1,594
CHIP	6/17/1998	22.2	1.1	No	135,423	CHIP	9/10/2001	22	1.2	No	854
CHIP	7/7/1998	21.8	0.7	No	36,916	CHIP	9/24/2001	20.3	1.7	No	281
CHIP	7/20/1998	24.3	1.3	No	2,207	CHIP	10/9/2001	13.9	1.6	No	231
CHIP	8/3/1998	22.8	2.2	No	2,449	CHIP	4/24/2002	13.8	0.7	No	0
CHIP	8/20/1998	22.1	0.5	No	2,449	CHIP	5/15/2002	11		No	6,456
CHIP	9/1/1998	22	1.2	No	39,177	CHIP	5/29/2002	19	1.4	No	8,855
CHIP	9/22/1998	18.2	1	No	1,388	CHIP	6/18/2002	19.4	1.5	No	3,792
CHIP	10/15/1998		1.2	No	8	CHIP	7/2/2002	26.3	1.6	No	6,116
CHIP	4/15/1999	8	1	No	0	CHIP	7/15/2002	24.1	1.7	No	984
CHIP	5/3/1999	16.5	1.4	No	0	CHIP	8/7/2002	23.3	1.3	No	42,190
CHIP	5/17/1999	17	1.1	No	7,831	CHIP	8/20/2002	25.1	1.6	No	21,081
CHIP	6/1/1999	21.5	0.8	No	324,032	CHIP	9/9/2002	21.8	1.4	No	1,936
CHIP	6/14/1999	22	0.8	No	63,536	CHIP	10/8/2002	16	0.9	No	126
CHIP	7/1/1999	25	1.5	No	9,860	SH02	5/23/1994	12.3		No	0
CHIP	7/19/1999	21	1	No	93,708	SH02	6/7/1994	16.8		No	25
CHIP	7/29/1999	22	2.1	No	20,216	SH02	6/23/1994	24		No	0
CHIP	8/11/1999		1.3	No	5,846	SH02	7/7/1994	20.2		No	23
CHIP	8/23/1999	22.5	1.2	No	2,066	SH02	7/19/1994	22.2		No	25
CHIP	9/7/1999	23	1.3	No	3,564	SH02	8/2/1994	21.8		No	1,096
CHIP	9/24/1999	17	0.5	No	502	SH02	8/22/1994	20		No	1,377
CHIP	10/7/1999	14	0.8	No	326	SH02	9/1/1994	19.8		No	1,457
CHIP	4/28/2000	9	1	No	0	SH02	9/15/1994	17.2		No	17
CHIP	5/17/2000	17	1.1	No	223	SH02	9/28/1994	16.9		No	0
CHIP	5/31/2000	18.7	0.8	No	56,254	SH02	10/14/1994	12.3		No	0
CHIP	6/15/2000	16.6	1.3	No	24,193	SH02	5/23/1995	12.9		No	0
CHIP	6/28/2000	24.8	1.2	No	50,321	SH02	6/8/1995	12		No	129
CHIP	7/19/2000	22.8	0.6	No	25,867	SH02	6/21/1995	18		No	1,909
CHIP	8/2/2000	23	0.5	No	24,561	SH02	6/29/1995	21.2		No	4,038
CHIP	8/18/2000	23	0.9	No	3,157	SH02	7/19/1995	21.8	2	No	2,486
CHIP	9/1/2000	24.5	1.1	No	1,507	SH02	8/2/1995	22		No	2,524
CHIP	9/18/2000	19	0.8	No	90	SH02	8/22/1995	22		No	1,612
CHIP	10/12/2000	11	1.1	No	540	SH02	9/12/1995	18.8		No	5,317
CHIP	5/3/2001	15	0.8	No	0	SH02	9/25/1995	16		No	318
CHIP	5/14/2001	18.9	1.1	No	87	SH02	10/18/1995	10.9		No	0
CHIP	6/1/2001	18	1.6	No	9	SH02	6/5/1996	16		No	48,820
CHIP	6/13/2001	24	1.4	No	42,090	SH02	6/24/1996			No	19,337
CHIP	6/27/2001	26.8	1.4	No	7,886	SH02	7/9/1996			No	43,486
CHIP	7/10/2001	23.8	1.3	No	2,192	SH02	7/24/1996	21.5		No	61,994
CHIP	7/27/2001	24.2	1.6	No	22,753	SH02	8/5/1996	22		No	93,798
CHIP	8/8/2001	27	1.7	No	2,121	SH02	8/20/1996	22	3.2	No	22,647

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
SH02	9/3/1996	22	3.2	No	705	SH02	6/15/2000	15.7	1.2	No	1,153
SH02	9/16/1996	19.5	3.1	No	2,135	SH02	6/28/2000	21.4	1.6	No	281,268
SH02	9/30/1996	15		No	119	SH02	7/19/2000	21.8	2	No	24,810
SH02	5/5/1997	11		No	0	SH02	8/2/2000	21	1.2	No	33,526
SH02	5/22/1997	12	1.1	No	4	SH02	8/18/2000	22	1.5	No	22,884
SH02	6/4/1997	16.5	1.8	No	142	SH02	9/1/2000	23	1.6	No	119,187
SH02	6/18/1997	17.5	0.7	No	4,409	SH02	9/18/2000	17	2.6	No	450
SH02	7/2/1997	22.5	2.1	No	45,863	SH02	10/12/2000	11.5		Yes	201
SH02	7/17/1997	23.5	2.3	No	135,277	SH02	5/3/2001	14.8	0.6	No	0
SH02	8/1/1997	22.2	3.7	No	315,673	SH02	5/14/2001	14.9	1.5	No	0
SH02	8/18/1997	18.9	2.8	No	1,978	SH02	6/1/2001	14.8	2.1	No	2
SH02	9/4/1997	19.3	3.1	No	835	SH02	6/13/2001	21	3	No	6,216
SH02	9/19/1997	18.3		Yes	2,032	SH02	6/27/2001	25.6	1.3	No	12,079
SH02	10/8/1997	13.5		Yes	3	SH02	7/10/2001	21	2.2	No	1,345
SH02	4/29/1998	11.4	1.4	No	0	SH02	7/27/2001	19.7	3.2	No	9,355
SH02	5/14/1998	16.6	1.8	No	331	SH02	8/8/2001	26.5	2.8	No	32,773
SH02	5/28/1998	19.3	0.9	No	849	SH02	8/28/2001	21.8	2.5	No	1,384
SH02	6/17/1998	19.7	2.2	No	122,266	SH02	9/10/2001	20.6	3.6	No	8,315
SH02	7/7/1998	22	1.5	No	1,350	SH02	9/24/2001	19.2	2.3	No	431
SH02	7/20/1998	22.4	1.9	No	9,408	SH02	10/9/2001	14.1	4.4	No	185
SH02	8/3/1998	22	2.1	No	8,924	SH02	4/24/2002	11.1	1.3	No	0
SH02	8/20/1998	19.8	2.8	No	90	SH02	5/15/2002	10.5		No	128
SH02	9/1/1998	20.1	3	No	4,131	SH02	5/29/2002	17.5	1.7	No	11,141
SH02	9/22/1998	18.2	2.7	No	80	SH02	6/18/2002	17.6	3.5	No	2,568
SH02	10/13/1998			Yes	0	SH02	7/2/2002	24.7	2.9	No	13,237
SH02	4/15/1999	6.5	1	No	0	SH02	7/15/2002	22.3	4.1	No	3,563
SH02	5/3/1999	16.5	1.3	No	0	SH02	8/7/2002	21.5	3.8	No	4,184
SH02	5/17/1999	14.5	2	No	17	SH02	8/20/2002	20.3	2.8	No	75
SH02	6/1/1999	19.6	2.4	No	14,616	SH02	9/9/2002	20.4	3.8	No	113
SH02	6/14/1999	19	2.1	No	7,289	SH02	10/8/2002	13.5	5	No	0
SH02	7/1/1999	19	3.1	No	3,955	SH05	6/9/1994	12.9		No	0
SH02	7/19/1999	21.5	3.4	No	2,290	SH05	7/7/1994			No	0
SH02	7/29/1999	22		Yes	51,518	SH05	7/21/1994	24.2		No	0
SH02	8/11/1999	21.7	2.9	No	11,934	SH05	7/28/1994			No	16
SH02	8/23/1999	21	3.9	No	195,166	SH05	8/1/1994			No	0
SH02	9/7/1999	22.2	2.5	No	24,109	SH05	8/22/1994	20.2		No	0
SH02	9/24/1999	16	0.9	No	2,025	SH05	9/1/1994	19.8		No	0
SH02	10/7/1999	12.5	1.8	No	1,466	SH05	9/14/1994	16.9		No	0
SH02	4/28/2000	7	1.1	No	0	SH05	9/29/1994			No	0
SH02	5/17/2000	13.8	1.6	No	139	SH05	10/14/1994	14.2		No	0
SH02	5/31/2000	15.5	1.3	No	425	SH05	5/23/1995	9.1		No	0

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
SH05	6/6/1995	13.2		No	0	SH05	6/21/1999			Yes	119,665
SH05	6/21/1995	16		No	0	SH05	7/16/1999	20		Yes	18,458
SH05	7/3/1995	19.5		No	47	SH05	7/28/1999	21		Yes	5,913
SH05	7/19/1995	23.5		No	39	SH05	8/10/1999	18		Yes	2,479
SH05	8/4/1995	22.2		No	69	SH05	8/24/1999	21.8	4	No	497
SH05	8/18/1995	21.5		No	47	SH05	9/9/1999	21.5	3.6	No	13
SH05	8/30/1995	18.9		No	21	SH05	9/28/1999	16		Yes	6
SH05	9/25/1995	17		No	0	SH05	10/19/1999	10.5		Yes	0
SH05	10/23/1995	11.8		No	0	SH05	5/5/2000	7	6	No	0
SH05	6/4/1996	11.3		No	0	SH05	5/19/2000	8	3.4	No	0
SH05	6/19/1996			No	40	SH05	6/1/2000	11	3.8	No	223
SH05	7/3/1996	17		No	74	SH05	6/16/2000	14	4.3	No	0
SH05	7/23/1996	20		No	6,894	SH05	6/29/2000	18.5		Yes	1,875
SH05	8/15/1996	20		No	277	SH05	7/13/2000	19.8	4.7	No	7,711
SH05	8/29/1996	22		No	241	SH05	7/31/2000	23	4.5	No	23,732
SH05	9/10/1996	22		No	1,161	SH05	8/15/2000	24		Yes	1,408
SH05	9/24/1996	17		No	10	SH05	8/31/2000	21		Yes	3,119
SH05	10/25/1996			No	0	SH05	9/20/2000	18.8		Yes	24
SH05	5/8/1997	4	5.5	No	0	SH05	10/13/2000	12.5		Yes	0
SH05	5/28/1997	10.5	3.8	No	0	SH05	5/7/2001	6	4.8	No	0
SH05	6/9/1997	18	3.1	No	0	SH05	5/17/2001	8.9	5.3	No	0
SH05	6/24/1997	17	4.4	No	4,492	SH05	6/5/2001	13.7	4.6	No	0
SH05	7/11/1997	20.6		Yes	40,097	SH05	6/18/2001	20.8	5	No	11,602
SH05	7/30/1997	20.2	5	No	9,417	SH05	7/3/2001	19.5	4.8	No	6,906
SH05	8/12/1997	21.2	4.6	No	6,103	SH05	7/16/2001	20.3		Yes	10,603
SH05	9/8/1997	17.2		Yes	801	SH05	8/1/2001	23		Yes	2,436
SH05	10/7/1997	12.9		Yes	2	SH05	8/20/2001	23.4		Yes	4,074
SH05	5/13/1998	10.6	2	No	0	SH05	9/6/2001	19.3		Yes	552
SH05	5/28/1998	16.6	3.1	No	2	SH05	9/21/2001	18.9		Yes	141
SH05	6/10/1998	17		Yes	8	SH05	10/4/2001	17.5		Yes	2
SH05	6/24/1998	24	3.7	No	72,138	SH05	4/30/2002	6.5		Yes	0
SH05	7/16/1998	22	2.7	No	87,111	SH05	5/28/2002	11.7		Yes	0
SH05	7/30/1998	21	4	No	23,544	SH05	6/19/2002	15.1		Yes	452
SH05	8/11/1998	21		No	767	SH05	7/3/2002	24.6	3.5	No	24,109
SH05	8/28/1998	22.6	4.1	No	30	SH05	7/19/2002	19.4		Yes	3,359
SH05	9/18/1998	17.5		Yes	5	SH05	8/12/2002	22.8		Yes	3,132
SH05	10/6/1998	13	6	No	0	SH05	8/28/2002	20		Yes	185
SH05	4/30/1999	4		No	0	SH05	9/17/2002	19.6		Yes	107
SH05	5/13/1999	6		No	0	SH05	10/1/2002	17.5	4	No	5
SH05	6/4/1999	15	4.2	No	306	SH06	5/24/1994	10		No	0
SH05	6/10/1999			No	12,181	SH06	6/9/1994	15.8		No	0

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SH06	7/7/1994			No	0	SH06	6/16/1998	16.9	4.1	No	0
SH06	7/25/1994	24.2		No	0	SH06	6/30/1998	21	3.7	No	49
SH06	8/3/1994	23		No	0	SH06	7/29/1998	22.3	4	No	0
SH06	8/22/1994	20.5		No	0	SH06	8/11/1998	22	4.2	No	3
SH06	9/1/1994	19.3		No	0	SH06	8/26/1998	20.2	3.5	No	0
SH06	9/14/1994	17.8		No	0	SH06	9/17/1998	17.8	3.9	No	2
SH06	9/27/1994			No	0	SH06	10/5/1998	13.8	2.5	No	0
SH06	10/14/1994	11.2		No	0	SH06	4/30/1999			No	0
SH06	10/26/1994	11.2		No	0	SH06	5/14/1999	11	2.9	No	0
SH06	5/24/1995	10.6		No	0	SH06	6/2/1999	18.2	4.1	No	15
SH06	6/7/1995	16.9		No	0	SH06	6/22/1999	20.5	5.5	No	186
SH06	6/20/1995	18.9		No	0	SH06	7/8/1999	20.5	5.3	No	85
SH06	6/29/1995	21.3		No	0	SH06	7/22/1999	21	4.7	No	87
SH06	7/19/1995	24		No	0	SH06	8/4/1999	21	3.7	No	67
SH06	8/4/1995	23.1		No	0	SH06	8/12/1999		4	No	27
SH06	8/15/1995	23		No	0	SH06	8/26/1999	22	4.3	No	4
SH06	9/5/1995	19.8		No	0	SH06	9/8/1999	22	5	No	11
SH06	9/19/1995	16		No	0	SH06	9/29/1999	17.5	3.5	No	0
SH06	9/26/1995	14.8		No	5	SH06	4/25/2000	4	1.8	No	0
SH06	10/23/1995	11.5		No	0	SH06	5/22/2000	10.8	2.3	No	0
SH06	6/4/1996	14		No	0	SH06	6/8/2000	14	4.1	No	0
SH06	6/17/1996	17.2		No	0	SH06	6/20/2000	20	4.2	No	0
SH06	6/27/1996	19		No	0	SH06	7/5/2000	21.8	5	No	28
SH06	7/12/1996	21		No	15	SH06	7/20/2000	21	5.1	No	13
SH06	7/30/1996	22		No	2	SH06	8/3/2000	22.3	5.6	No	84
SH06	8/12/1996	23		No	6	SH06	8/21/2000	22	6.5	No	8
SH06	8/26/1996	22		No	4	SH06	9/11/2000	19.9	4.8	No	5
SH06	9/9/1996	22		No	5	SH06	9/25/2000	17.2	4.5	No	4
SH06	9/23/1996	18.5		No	0	SH06	5/11/2001	14.3	3.1	No	0
SH06	10/7/1996	14		No	6	SH06	5/31/2001	14.2	3.3	No	0
SH06	5/27/1997	11	3.2	No	0	SH06	6/13/2001	22.3	4.9	No	26
SH06	6/6/1997	16	3.9	No	0	SH06	6/28/2001	24.5	5	No	115
SH06	6/30/1997	22.5	0.7	No	30	SH06	7/12/2001	21.3	4.5	No	38
SH06	7/10/1997	21	4	No	36	SH06	7/31/2001	25.3	4.8	No	59
SH06	7/28/1997	21.5	3.1	No	0	SH06	8/10/2001	26.2	5.1	No	11
SH06	8/11/1997	22.4	5	No	5	SH06	8/29/2001	22.1	4.1	No	2
SH06	9/2/1997	20.7	3.5	No	0	SH06	9/18/2001	19.4	4.6	No	0
SH06	9/18/1997	18	3.9	No	0	SH06	10/1/2001	19	4.6	No	0
SH06	10/9/1997	13.3		Yes	0	SH06	10/14/2001	15.3	4.3	No	0
SH06	5/11/1998	12.6	2.9	No	0	SH06	6/4/2002	14.5	4.1	No	0
SH06	5/19/1998	16.8	2.5	No	0	SH06	6/25/2002	19.6	2.8	No	3

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m ³)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m ³)
SH06	7/12/2002	22.1	4	No	99	SH06	9/26/2006	17	4.7	No	0
SH06	7/23/2002	23.1	4	No	3	SH06	5/10/2007	13	4.3	No	0
SH06	8/9/2002	22.8	4.2	No	10	SH06	5/30/2007	16	3.5	No	0
SH06	8/29/2002	21.3	5	No	5	SH06	6/14/2007	23	4.7	No	8
SH06	9/17/2002			No	2	SH06	7/5/2007	22	4.7	No	25
SH06	10/1/2002	18		No	0	SH06	7/23/2007	23	5	No	50
SH06	6/6/2003	16.5	5.2	No	0	SH06	9/25/2007	18	4.9	No	0
SH06	6/19/2003	18	6.2	No	5	SH06	5/15/2008	12	3.2	No	0
SH06	7/3/2003	23.6	4.3	No	98	SH06	5/29/2008	15	4.3	No	0
SH06	7/14/2003	23.7	5	No	146	SH06	6/12/2008	21	3.9	No	0
SH06	8/12/2003	25.6	5.6	No	20	SH06	6/26/2008	22	4	No	0
SH06	8/26/2003	23.4	5.5	No	35	SH06	7/11/2008	23	5.2	No	0
SH06	9/18/2003	21.7	6	No	0	SH06	8/1/2008	23	4	No	5
SH06	5/11/2004	11.2	3.4	No	0	SH06	8/19/2008	22	3.2	No	3
SH06	6/9/2004	18.8	4.5	No	6	SH06	9/3/2008	22	3.7	No	0
SH06	6/29/2004	19.7	5	No	234	SH06	9/18/2008	19	4	No	0
SH06	7/16/2004	22.4	4	No	270	SH06	6/1/2009	14.6	3	No	0
SH06	7/30/2004	23.8	4.3	No	17	SH06	6/16/2009	19	3.7	No	0
SH06	8/18/2004	22.8	4.1	No	50	SH06	7/6/2009	21	4.6	No	162
SH06	9/1/2004	21.5	2.6	No	0	SH06	7/17/2009	21	4	No	0
SH06	9/17/2004	20	3.6	No	0	SH06	8/4/2009	23	4.4	No	29
SH06	9/28/2004	18.7	4.8	No	0	SH06	8/18/2009	25	4.5	No	52
SH06	10/8/2004	16.6	4.9	No	0	SH06	8/31/2009	21	3.8	No	2
SH06	5/17/2005	11.1	4.1	No	0	SH06	9/10/2009	21	4.4	No	10
SH06	6/3/2005	18.2	4.6	No	0	SH06	5/17/2010	13	3.4	No	2
SH06	6/16/2005	18.8	5	No	0	SH06	5/28/2010	20	3	No	2
SH06	6/29/2005	25.2	5.9	No	2	SH06	6/18/2010	20	2.5	No	27
SH06	7/14/2005	24.6	5.9	No	160	SH06	7/8/2010	27	6	No	0
SH06	7/22/2005	26.8	4.6	No	231	SH06	7/26/2010	23	5.1	No	31
SH06	8/9/2005	26.5	4.1	No	177	SH06	8/5/2010	24	3.4	No	102
SH06	8/23/2005	23.4	4.3	No	24	SH06	8/19/2010	23	4.9	No	42
SH06	9/6/2005	22.1	5.9	No	5	SH06	9/1/2010	23	3.5	No	2
SH06	9/21/2005	20.9	5.1	No	2	SH06	9/21/2010	17		No	0
SH06	5/29/2006	19	2.4	No	0	SH07	6/17/1994	18.9		No	0
SH06	6/9/2006	17	3.6	No	0	SH07	7/7/1994			No	0
SH06	6/29/2006	22	4.3	No	4	SH07	7/25/1994	23.8		No	0
SH06	7/21/2006	25	4	No	5	SH07	8/3/1994	20		No	0
SH06	8/2/2006	28	4.6	No	2	SH07	8/20/1994	21.3		No	0
SH06	8/15/2006	23	4	No	4	SH07	9/1/1994	17.8		No	0
SH06	8/30/2006	21	4.6	No	0	SH07	9/14/1994	16.2		No	0
SH06	9/12/2006	19	5.7	No	0	SH07	10/14/1994	11.4		No	0

Zebra mussel veliger density data 1994-2011

Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
SH07	10/26/1994	10.9		No	0	SH07	9/29/1998	15		Yes	0
SH07	5/24/1995	9		No	0	SH07	5/13/1999	6		No	0
SH07	6/5/1995	13.1		No	0	SH07	5/24/1999	10.8		Yes	0
SH07	6/19/1995	16		No	0	SH07	6/16/1999	15.5		Yes	10,461
SH07	6/29/1995	17.4		No	0	SH07	7/6/1999	20		Yes	23,581
SH07	7/18/1995			No	13	SH07	7/20/1999	0		Yes	1,665
SH07	8/3/1995	22		No	5	SH07	8/2/1999	19.6		Yes	7,088
SH07	8/15/1995	22.2		No	36	SH07	8/18/1999			Yes	12,024
SH07	9/1/1995	17.1		No	0	SH07	9/1/1999			Yes	232
SH07	9/19/1995	14.8		No	0	SH07	9/13/1999			Yes	576
SH07	9/26/1995	13.8		No	3	SH07	9/27/1999	16		Yes	0
SH07	10/23/1995	11		No	0	SH07	5/18/2000	8		No	0
SH07	6/5/1996	10		No	0	SH07	6/9/2000	10.5		Yes	0
SH07	6/18/1996	16.5		No	66	SH07	6/22/2000	14.1		Yes	3
SH07	7/2/1996	17		No	9,065	SH07	7/11/2000	17	2.3	No	4,925
SH07	7/17/1996	20.5		No	2,298	SH07	7/24/2000	20.1		Yes	89,989
SH07	7/31/1996	19.5		No	11,923	SH07	8/14/2000	21.3		Yes	1,991
SH07	8/14/1996	21		No	6,379	SH07	8/28/2000	20		Yes	2,238
SH07	8/28/1996	19.5		No	1,149	SH07	9/14/2000	18.5		Yes	3,305
SH07	9/11/1996	20.5		No	109	SH07	10/11/2000	14		Yes	0
SH07	9/26/1996	15.5		No	145	SH07	5/16/2001	9		Yes	0
SH07	10/18/1996			No	0	SH07	6/6/2001	12.8		Yes	0
SH07	5/8/1997	6.5	2.1	No	0	SH07	6/21/2001	20.8		Yes	7,620
SH07	5/23/1997	7.5	2	No	0	SH07	7/6/2001	18.1		Yes	53,491
SH07	6/5/1997	11.7		Yes	87	SH07	7/19/2001	21.8		Yes	3,695
SH07	6/19/1997	14.8		Yes	281	SH07	7/31/2001	22.4		Yes	32,773
SH07	7/7/1997	19.7		Yes	18,458	SH07	8/13/2001	24		Yes	15,369
SH07	7/21/1997	18.5		Yes	10,105	SH07	9/5/2001	18.4		Yes	2,491
SH07	8/4/1997			Yes	5,581	SH07	9/18/2001	19		Yes	58
SH07	8/20/1997	22		Yes	2,138	SH07	10/1/2001	17.2		Yes	9
SH07	9/15/1997			Yes	1,964	SH07	4/30/2002	6.5		Yes	0
SH07	10/2/1997	12		Yes	2	SH07	6/3/2002	10.7		Yes	0
SH07	5/12/1998	8.6	2.9	No	0	SH07	6/24/2002	17.4		Yes	18,696
SH07	5/21/1998	13		No	18	SH07	7/8/2002	20		Yes	86,013
SH07	6/9/1998	14		Yes	4	SH07	7/25/2002	19.5		Yes	145
SH07	6/23/1998	20.5		Yes	136	SH07	8/13/2002	22.6		Yes	55,937
SH07	7/13/1998	19	3.1	No	16,586	SH07	9/3/2002	19.4		Yes	978
SH07	7/27/1998	21		Yes	32,584	SH07	9/26/2002	19		Yes	44
SH07	8/7/1998	21		Yes	2,959	SH08	5/24/1994	10		No	0
SH07	8/27/1998	19.2		Yes	4,894	SH08	6/9/1994	14.2		No	0
SH07	9/8/1998	19.2		Yes	186	SH08	7/7/1994			No	0

Zebra mussel veliger density data 1994-2011

Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
SH08	7/25/1994	23		No	0	SH08	6/23/1998	17.5		Yes	70
SH08	8/3/1994	21.5		No	0	SH08	7/13/1998	19.2		Yes	26
SH08	8/20/1994	21.8		No	0	SH08	7/27/1998	21		Yes	81
SH08	9/1/1994	18.7		No	0	SH08	8/7/1998	22		Yes	3
SH08	9/14/1994			No	0	SH08	8/27/1998	20.8		Yes	0
SH08	9/27/1994			No	0	SH08	9/8/1998	19		Yes	0
SH08	9/29/1994			No	0	SH08	9/29/1998	15		Yes	0
SH08	10/14/1994	13		No	0	SH08	5/12/1999	12		No	0
SH08	10/26/1994	11.6		No	0	SH08	5/24/1999	13.5		No	0
SH08	5/24/1995	9.4		No	0	SH08	6/16/1999	17.5		Yes	156
SH08	6/7/1995	16.3		No	0	SH08	7/6/1999	20		Yes	161
SH08	6/20/1995	16.8		No	2	SH08	7/20/1999	19.8		Yes	345
SH08	6/29/1995	18.9		No	0	SH08	8/2/1999	22		Yes	45
SH08	7/18/1995			No	0	SH08	8/18/1999	18.2		Yes	26
SH08	8/3/1995	23.3		No	0	SH08	9/1/1999	22		Yes	6
SH08	8/15/1995	23.2		No	0	SH08	9/13/1999	20		Yes	2
SH08	9/1/1995	18.5		No	0	SH08	9/27/1999	16		Yes	0
SH08	9/13/1995	16.9		No	0	SH08	5/18/2000	8.9	3.9	No	0
SH08	9/26/1995	14.3		No	0	SH08	6/9/2000	10.7		Yes	0
SH08	6/4/1996	11.2		No	0	SH08	6/22/2000	12.8		Yes	0
SH08	6/17/1996	15.2	4.2	No	0	SH08	7/11/2000	19.5		Yes	52
SH08	7/2/1996	18		No	21	SH08	7/24/2000	20.2		Yes	3,516
SH08	7/17/1996	19.5		No	0	SH08	8/14/2000	23.2		Yes	362
SH08	7/31/1996			No	3	SH08	8/28/2000	21		Yes	0
SH08	8/14/1996	22		No	9	SH08	9/14/2000	19.8		Yes	43
SH08	8/28/1996	22		No	13	SH08	10/11/2000	14		Yes	0
SH08	9/11/1996	22		No	0	SH08	5/9/2001	7		Yes	0
SH08	9/26/1996	17		No	0	SH08	5/21/2001	11		Yes	0
SH08	10/18/1996			No	0	SH08	6/6/2001	14.1	3	No	0
SH08	5/19/1997	8	3.1	No	0	SH08	6/21/2001	20.9		Yes	33
SH08	6/5/1997	16.5		Yes	21	SH08	7/6/2001	18.4		Yes	547
SH08	6/19/1997	18.5		Yes	2	SH08	7/19/2001	23.8		Yes	2
SH08	7/7/1997	20		Yes	277	SH08	8/3/2001	22.5		Yes	0
SH08	7/21/1997	21.5		Yes	28	SH08	8/13/2001	24		Yes	32
SH08	8/4/1997	21.2		Yes	165	SH08	9/5/2001	20.4	2.4	No	20
SH08	8/20/1997	21.4		Yes	159	SH08	9/19/2001	19.1		Yes	0
SH08	9/15/1997	18.8	3	No	0	SH08	5/20/2002	8.9	4.2	No	0
SH08	10/2/1997	12.6		Yes	2	SH08	6/3/2002	12.7	3.9	No	0
SH08	5/12/1998	12.3	2.2	No	0	SH08	6/24/2002	16.2		Yes	2
SH08	5/21/1998	13.5		No	0	SH08	7/8/2002	19.7		Yes	22
SH08	6/9/1998	14.8		Yes	0	SH08	7/25/2002	21.7		Yes	0

Zebra mussel veliger density data 1994-2011

Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
SH08	8/13/2002	22.3		Yes	17	SH08	5/22/2008	10	2.8	No	0
SH08	9/3/2002	19.5		Yes	0	SH08	6/5/2008	17	3.7	No	0
SH08	9/26/2002	19.5		Yes	0	SH08	6/24/2008			No	0
SH08	5/21/2003	6.5	4	No	0	SH08	8/12/2008	23	3.7	No	28
SH08	6/4/2003	14.1	3.9	No	0	SH08	8/29/2008	21		Yes	303
SH08	6/17/2003	18	4	No	19	SH08	9/22/2008	17		Yes	3
SH08	6/26/2003	19.6		Yes	12	SH08	6/4/2009	14		Yes	5,347
SH08	7/9/2003	22.7		Yes	377	SH08	6/23/2009	20	2	No	464
SH08	8/5/2003	23.8	3.6	No	530	SH08	7/10/2009	21		Yes	188
SH08	8/15/2003	26.8		Yes	574	SH08	7/27/2009	22	3.5	No	707
SH08	9/10/2003	20.6		Yes	5	SH08	8/10/2009	22		Yes	86
SH08	6/7/2004	12.8	4.1	No	0	SH08	8/28/2009	23	3.5	No	266
SH08	6/21/2004	16.1		Yes	290	SH08	9/16/2009	19		No	246
SH08	7/19/2004	24.6		Yes	28	SH08	5/24/2010	14		Yes	19
SH08	8/12/2004	21.8		Yes	126	SH08	6/9/2010	15		Yes	0
SH08	9/2/2004	21.4	3	No	7	SH08	7/2/2010	19		Yes	0
SH08	9/24/2004	19.4		Yes	0	SH08	7/15/2010	25	3.5	No	8,230
SH08	10/7/2004	16.3		Yes	0	SH08	7/30/2010	22	3.5	No	688
SH08	5/25/2005	9		No	0	SH08	8/12/2010	22.8	3.1	No	326
SH08	6/13/2005	19		Yes	0	SH08	8/26/2010	22		Yes	3,895
SH08	6/28/2005	19.1		Yes	57	SH08	9/20/2010	18		Yes	0
SH08	7/15/2005	24.7		Yes	809	SH09	6/1/1994	13.6		No	0
SH08	7/26/2005	24.8	3.8	No	26,973	SH09	7/8/1994	24.1		No	0
SH08	8/19/2005	23.6		Yes	170	SH09	7/21/1994	26	1.2	No	0
SH08	8/29/2005	22.3		Yes	625	SH09	8/3/1994	24		No	0
SH08	9/13/2005	21.5		Yes	35	SH09	8/20/1994	20		No	0
SH08	9/30/2005	17.6		Yes	33	SH09	9/1/1994	18		No	8
SH08	6/13/2006	16		Yes	0	SH09	9/14/1994	16.2		No	0
SH08	7/10/2006	22	3.8	No	42	SH09	9/27/1994			No	0
SH08	7/26/2006	24		Yes	32	SH09	10/14/1994	11.1		No	0
SH08	8/28/2006	21	3.9	No	0	SH09	10/26/1994	10.8		No	0
SH08	9/11/2006	19		Yes	0	SH09	5/24/1995	12.6		No	0
SH08	9/25/2006	17		Yes	0	SH09	6/7/1995	17.4		No	0
SH08	10/5/2006		2.5	No	0	SH09	6/20/1995	19.2		No	0
SH08	5/18/2007	10	4.6	No	0	SH09	6/29/1995	20.5		No	0
SH08	5/31/2007	14	2.6	No	0	SH09	7/18/1995			No	0
SH08	6/18/2007	21		Yes	37	SH09	7/31/1995	26.1		No	0
SH08	7/10/2007	21		Yes	128	SH09	9/1/1995	19.1		No	0
SH08	7/31/2007	25		Yes	1,100	SH09	9/14/1995	16.8		No	0
SH08	8/27/2007	22		Yes	4,571	SH09	9/26/1995	14		No	0
SH08	10/4/2007	17	3	No	0	SH09	10/13/1995	14.8		No	0

Zebra mussel veliger density data 1994-2011

Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
SH09	10/23/1995	12		No	0	SH09	7/25/2000	24	2.7	No	322
SH09	6/4/1996	15		No	0	SH09	8/10/2000	25	0.6	No	0
SH09	6/26/1996	19		No	6	SH09	8/22/2000	21.5	0.9	No	0
SH09	7/11/1996	19.2		No	6	SH09	9/5/2000	20.9	1.6	No	0
SH09	7/26/1996	21.5		No	15	SH09	9/26/2000	17.5	1.7	No	0
SH09	8/8/1996	26	0.6	No	3	SH09	5/16/2001	11		Yes	0
SH09	8/22/1996	24.5		No	2	SH09	6/4/2001	17	1.9	No	0
SH09	9/5/1996	24		No	2	SH09	6/20/2001	24.2	1.3	No	0
SH09	9/19/1996	19	1.2	No	4	SH09	7/5/2001	21.2	2	No	178
SH09	10/16/1996	10.5		No	0	SH09	7/23/2001	25.5	1.9	No	26
SH09	5/20/1997	11		No	0	SH09	8/3/2001	26.3	1.5	No	4
SH09	6/3/1997	12.7	2.6	No	0	SH09	8/22/2001	24.5	0.9	No	6
SH09	6/11/1997	22		Yes	2	SH09	9/7/2001	21.9	0.6	No	25
SH09	6/20/1997	20.5	2.3	No	0	SH09	9/19/2001	20.8	1.4	No	0
SH09	7/8/1997	25	1.7	No	8	SH09	10/2/2001	17.6	1.6	No	0
SH09	7/24/1997	22	1.4	No	2	SH09	5/20/2002	10.4	1.5	No	0
SH09	8/7/1997	19.7	1.3	No	136	SH09	6/14/2002	18.8	0.6	No	0
SH09	8/26/1997	22.6	0.7	No	0	SH09	6/27/2002	21.9	1.9	No	5
SH09	9/16/1997	19.7	1.4	No	0	SH09	7/12/2002	20.3	1.6	No	416
SH09	5/19/1998	17.2	2.5	No	0	SH09	7/29/2002	22.8	1.6	No	21
SH09	6/8/1998	14.7	2.1	No	0	SH09	8/14/2002	26.1	0.6	No	173
SH09	6/22/1998	26	1.5	No	0	SH09	9/4/2002	21.7	0.7	No	0
SH09	7/8/1998	20.2	2.2	No	9	SH09	10/3/2002	16	1.5	No	0
SH09	7/21/1998	23	3	No	0	SH09	5/21/2003	16.6	1.6	No	0
SH09	8/4/1998	21.2	2.2	No	0	SH09	6/3/2003	14.3	2.2	No	3
SH09	8/21/1998	20.1	1	No	0	SH09	6/13/2003	16.6	2	No	2
SH09	9/9/1998	17.7	1.3	No	0	SH09	6/25/2003	25.5	2.4	No	10
SH09	9/30/1998	15	0.6	No	0	SH09	7/10/2003	25.7	1.7	No	810
SH09	5/19/1999			No	0	SH09	7/25/2003	24.2	1.4	No	448
SH09	6/3/1999	20.2	0.4	No	0	SH09	8/13/2003	25.7	2.2	No	0
SH09	6/23/1999	21.2	2.2	No	0	SH09	9/5/2003	20.2	1.5	No	0
SH09	7/14/1999	20.7	2	No	38	SH09	10/1/2003	16	1.6	No	4
SH09	7/27/1999	23.1	2.3	No	0	SH09	5/13/2004	14.2	2.8	No	0
SH09	8/20/1999	24.5	0.6	No	0	SH09	6/11/2004	18	2.8	No	0
SH09	8/30/1999	21.5	0.7	No	0	SH09	7/2/2004	22.5	2.5	No	964
SH09	9/21/1999	16.5	1	No	0	SH09	7/19/2004	25.2		Yes	1,153
SH09	10/5/1999		1.2	No	0	SH09	8/10/2004	23.1	0.9	No	564
SH09	5/26/2000	14	2	No	0	SH09	9/1/2004	21.8	1.1	No	18
SH09	6/12/2000	16	2.1	No	0	SH09	9/16/2004	20.3	1.6	No	36
SH09	6/26/2000	22	1.6	No	0	SH09	9/30/2004	19.8	2.6	No	28
SH09	7/12/2000	23.8	2	No	3	SH09	10/19/2004	11.8	2.2	No	2

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
SH09	5/20/2005	14.2	2.3	No	0	SH10	9/9/1997	19.1	2	No	0
SH09	6/7/2005	22.1	2.3	No	0	SH10	10/1/1997			No	0
SH09	6/22/2005	19.5	2.2	No	9	SH10	5/15/1998	19	1.7	No	0
SH09	7/6/2005	23.9	2.3	No	36,728	SH10	6/8/1998	16.2	1.2	No	2
SH09	8/2/2005	25.5	1.5	No	116	SH10	6/19/1998	22	2	No	45
SH09	8/17/2005	25.7	1.9	No	0	SH10	7/22/1998	22.7	1.3	No	25
SH09	9/9/2005	21.9	1.9	No	10	SH10	8/5/1998	23.6	1.4	No	0
SH09	8/1/2006	25	1.6	No	256	SH10	8/21/1998	20.3	1.3	No	0
SH09	8/14/2006	22.5	1.3	No	603	SH10	9/9/1998	17	1.1	No	0
SH09	9/5/2006	21	2	No	248	SH10	10/16/1998	12.8	2.3	No	0
SH09	9/20/2006	19	1.8	No	0	SH10	4/21/1999	7.7	1.9	No	0
SH09	7/7/2008	24	2.2	No	6,483	SH10	6/3/1999	19	1.3	No	0
SH10	5/31/1994	14		No	0	SH10	6/17/1999	20	2.1	No	30
SH10	6/17/1994	22		No	0	SH10	7/12/1999	19	1	No	3
SH10	7/7/1994			No	0	SH10	7/26/1999	22	0.7	No	0
SH10	7/25/1994	25		No	0	SH10	8/6/1999	21	0.5	No	15
SH10	8/3/1994	22		No	0	SH10	8/20/1999	23	1.2	No	21
SH10	8/20/1994	23		No	0	SH10	9/1/1999	22.5	1.9	No	0
SH10	9/1/1994	17.8		No	0	SH10	9/21/1999	17	1	No	0
SH10	9/14/1994	16		No	0	SH10	10/5/1999	14.1	1.8	No	0
SH10	9/27/1994			No	0	SH10	5/1/2000	8.5	1.2	No	0
SH10	10/26/1994	10.1		No	0	SH10	5/29/2000	14.8	1.8	No	0
SH10	5/25/1995	15.2		No	0	SH10	6/13/2000	16.9	2	No	0
SH10	6/27/1995	24.8		No	0	SH10	6/27/2000	23.1	2.1	No	660
SH10	7/14/1995	23.2	1.7	No	0	SH10	7/12/2000	23.5	2.9	No	18
SH10	8/3/1995	24	1.7	No	0	SH10	7/26/2000	25.5	2.7	No	181
SH10	8/24/1995	20.8		No	0	SH10	8/8/2000	23.5	1.4	No	0
SH10	9/15/1995	15.8		No	0	SH10	8/25/2000	22.5	2.5	No	5
SH10	6/13/1996	21.5		No	0	SH10	9/13/2000	19.8	2.7	No	0
SH10	6/25/1996	19.5	1.8	No	57	SH10	5/8/2001	13	1.3	No	0
SH10	7/10/1996	22		No	18	SH10	5/25/2001	18.2	1.9	No	0
SH10	7/25/1996	21.5		No	0	SH10	6/12/2001	21.3	2.2	No	0
SH10	8/7/1996	23		No	6	SH10	6/26/2001	25.2	2.4	No	4
SH10	9/6/1996	24		No	0	SH10	7/11/2001	22.4	1.6	No	162
SH10	5/19/1997	11.5	1.5	No	0	SH10	7/26/2001	24.3	2.4	No	3
SH10	6/2/1997	15	1.6	No	0	SH10	8/6/2001	27	2.4	No	0
SH10	6/20/1997	20.5	1.6	No	52	SH10	8/23/2001	24.7	1.2	No	0
SH10	7/8/1997	22.5	2	No	102	SH10	9/11/2001	21.2	1.6	No	0
SH10	7/23/1997	20	0.9	No	112	SH10	9/27/2001	19.7	0.9	No	0
SH10	8/5/1997	20.9	1.1	No	0	SH10	5/30/2002	16.5	1.2	No	0
SH10	8/25/1997	20.2		No	9	SH10	7/1/2002	24.3	1.8	No	0

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
SH10	7/16/2002	22.1	2.1	No	0	SH10	7/2/2007	22	1.3	No	648
SH10	8/8/2002	21.5	1.8	No	30	SH10	7/18/2007	22.5	1.9	No	281
SH10	8/21/2002	24.5	1.1	No	419	SH10	8/13/2007	24	1.5	No	15,576
SH10	10/3/2002	15	1.2	No	0	SH10	8/29/2007	22	1.6	No	144
SH10	5/16/2003	14.7	2.3	No	0	SH10	5/16/2008	16	1.8	No	0
SH10	5/28/2003	17.2	1.8	No	0	SH10	5/30/2008	17	1.1	No	0
SH10	6/12/2003	19.3	1.9	No	0	SH10	6/13/2008	22	1.5	No	0
SH10	6/24/2003	25	3	No	2	SH10	6/25/2008	22	1.7	No	0
SH10	7/8/2003	25.8	2.3	No	0	SH10	7/15/2008	23	1.8	No	0
SH10	7/22/2003	23	1.4	No	51	SH10	5/18/2009		0.9	No	0
SH10	8/7/2003	25.1	1.5	No	433	SH10	6/2/2009	15	1.2	No	0
SH10	8/28/2003	20.6	0.8	No	0	SH10	6/17/2009	14.7		No	4,068
SH10	5/14/2004	15.8	1.5	No	0	SH10	7/9/2009	21	1.7	No	90
SH10	6/10/2004	19.1	2	No	2	SH10	7/28/2009	23	1.5	No	158
SH10	6/30/2004	20.6	2	No	10	SH10	8/11/2009	23	1.9	No	5,221
SH10	7/21/2004	27.5	1.4	No	186	SH10	9/1/2009	20	1.6	No	723
SH10	8/9/2004	21.9	0.3	No	0	SH10	9/17/2009	18	1.9	No	590
SH10	8/24/2004	21.2	0.6	No	151	SH10	5/18/2010	16	1.4	No	0
SH10	9/8/2004	19.9	0.7	No	3	SH10	6/2/2010	20	1.2	No	0
SH10	9/22/2004	19.2	1	No	0	SH10	6/25/2010	20	1.5	No	2,164
SH10	10/1/2004	18.7	1.1	No	0	SH10	7/14/2010	2.6		Yes	23
SH10	10/20/2004	10.7	0.5	No	0	SH10	7/29/2010	23	1.6	No	2,717
SH10	5/18/2005	13.6	1.7	No	0	SH10	8/11/2010	22.5	1.3	No	536
SH10	6/6/2005	21.9	1.8	No	0	SH10	8/24/2010	22	0.7	No	0
SH10	6/21/2005	22.9	1.6	No	60	SH10	9/8/2010	20	0.7	No	0
SH10	7/5/2005	24.6	1.2	No	1,352	SH11	6/17/1994	22		No	0
SH10	7/18/2005	26.5	1.5	No	596	SH11	7/7/1994			No	0
SH10	7/28/2005	24.6	0.9	No	130	SH11	7/25/1994	24.8		No	0
SH10	8/11/2005	27.7	0.7	No	1,808	SH11	8/3/1994	22.4		No	0
SH10	8/22/2005	23.2	1.1	No	1,112	SH11	8/20/1994	21.4		No	0
SH10	9/2/2005	23	1.3	No	928	SH11	9/1/1994	18.2		No	19
SH10	9/27/2005	17.2	1.3	No	0	SH11	9/14/1994	16		No	0
SH10	6/7/2006	20	2	No	0	SH11	9/27/1994			No	0
SH10	6/23/2006	21.5	1.7	No	1,559	SH11	10/14/1994	11		No	0
SH10	7/25/2006	26	1.7	No	3	SH11	10/26/1994	10.6		No	0
SH10	8/8/2006		1.2	No	804	SH11	5/24/1995	11.7		No	0
SH10	8/24/2006	23	1.3	No	88	SH11	6/7/1995	16.7		No	0
SH10	9/7/2006	19	1	No	0	SH11	6/19/1995	20.5		No	12
SH10	9/22/2006	17	0.9	No	0	SH11	6/27/1995	21.8		No	17
SH10	5/29/2007	18	1.5	No	0	SH11	7/18/1995			No	0
SH10	6/13/2007	21	1.8	No	0	SH11	9/1/1995	18.5		No	0

Zebra mussel veliger density data 1994-2011

Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
SH11	9/15/1995	15.9		No	2	SH11	10/5/1999	14		Yes	0
SH11	9/26/1995	13.2		No	2	SH11	5/1/2000	5.2		Yes	0
SH11	10/23/1995	11		No	0	SH11	5/29/2000	11.8		Yes	15
SH11	6/4/1996	11.5		No	0	SH11	6/13/2000	12.4		Yes	40
SH11	6/25/1996	17		No	515	SH11	6/27/2000	19.1		Yes	3,538
SH11	7/10/1996	17		No	128	SH11	7/12/2000	15.9		Yes	12,699
SH11	7/25/1996	18		No	3,074	SH11	7/26/2000	21.5		Yes	118,758
SH11	8/7/1996	22		No	4,053	SH11	8/11/2000	23		Yes	96,435
SH11	8/23/1996	22		No	1,963	SH11	8/25/2000	21		Yes	732
SH11	9/6/1996	24		No	1,059	SH11	9/13/2000	19.2		Yes	520
SH11	9/20/1996	19		No	27	SH11	10/3/2000	14.5		Yes	33
SH11	10/4/1996	13		No	14	SH11	5/8/2001	9		Yes	0
SH11	5/8/1997	6.5	2.5	No	0	SH11	5/25/2001	13.2		Yes	33
SH11	6/2/1997	12.5	3.1	No	0	SH11	6/12/2001	18.3		Yes	110
SH11	6/17/1997	17.7	1.5	No	50	SH11	6/26/2001	23		Yes	1,362
SH11	7/8/1997	21		Yes	753	SH11	7/11/2001	21		Yes	32,446
SH11	7/23/1997	20.5		Yes	37,502	SH11	7/26/2001	24.3		Yes	3,345
SH11	8/5/1997	21		Yes	4,585	SH11	8/6/2001	24		Yes	1,256
SH11	8/25/1997	19.5		Yes	261	SH11	8/23/2001	24.1		Yes	157
SH11	9/9/1997	17		Yes	20	SH11	9/11/2001	21.1		Yes	118
SH11	9/25/1997			No	29	SH11	9/27/2001	18.7		Yes	9
SH11	4/30/1998	7.5		Yes	0	SH11	5/7/2002	9.2		No	0
SH11	5/15/1998	12.5		Yes	0	SH11	5/30/2002	13.3		Yes	22
SH11	6/2/1998	15	3.1	No	0	SH11	6/17/2002	14.8		Yes	422
SH11	6/19/1998	19.2		Yes	283	SH11	7/1/2002	22.4		Yes	9,208
SH11	7/10/1998	19		Yes	14,917	SH11	7/16/2002	18.3		Yes	5,508
SH11	7/22/1998	21		Yes	17,210	SH11	8/8/2002	21.6		Yes	663
SH11	8/5/1998	21.2		Yes	11,786	SH11	8/21/2002	23.1		Yes	62
SH11	8/21/1998	19		Yes	1,209	SH11	9/26/2002	20		Yes	0
SH11	9/2/1998	21.2	4	No	936	STA02	6/2/1994	18		No	38
SH11	9/24/1998	15.2		Yes	14	STA02	6/15/1994	24.2		No	181
SH11	10/16/1998	12.8		Yes	0	STA02	6/28/1994			No	0
SH11	4/21/1999	4.1		Yes	0	STA02	7/12/1994	24.2	0.9	No	75
SH11	5/21/1999	11.7		Yes	15	STA02	7/27/1994	23.8		No	0
SH11	6/9/1999	20		Yes	7,181	STA02	8/25/1994			No	0
SH11	7/7/1999	22.5		Yes	15,211	STA02	9/2/1994	18.9		No	60
SH11	7/26/1999	21.3		Yes	1,731	STA02	9/21/1994	18.5	0.4	No	0
SH11	8/6/1999	21		Yes	3,566	STA02	10/10/1994	12.9		No	17
SH11	8/20/1999	21.5		Yes	1,603	STA02	5/12/1995	13.3	0.9	No	0
SH11	9/1/1999	22		Yes	39	STA02	5/26/1995	16	1.1	No	301
SH11	9/14/1999			Yes	8	STA02	6/14/1995	19.5	0.7	No	3,004

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA02	7/12/1995	23.5	0.5	No	0	STA02	8/23/1999	22.3	0.8	No	5,471
STA02	7/25/1995	24.1	0.5	No	15	STA02	9/7/1999	22.3	1.1	No	27,792
STA02	8/22/1995	23.8	0.3	No	17,429	STA02	9/24/1999	16	0.5	No	75
STA02	10/3/1995	13.9	0.5	No	45	STA02	10/7/1999	13.5	0.9	No	387
STA02	6/11/1996	18.8	1.6	No	4,123	STA02	4/28/2000	8.2	0.9	No	0
STA02	6/24/1996	22.4	1.3	No	3,064	STA02	5/17/2000	17.1	0.4	No	8
STA02	7/9/1996	19	0.4	No	3,153	STA02	5/31/2000	17.9	0.9	No	4,114
STA02	7/24/1996	22		No	15,821	STA02	6/15/2000	15.6	0.7	No	30
STA02	8/5/1996	21	0.6	No	17,069	STA02	6/28/2000	24.8	1.2	No	104,848
STA02	8/19/1996	21.5	0.9	No	10,325	STA02	7/19/2000	21.2	0.4	No	522
STA02	9/3/1996	20.8	0.6	No	16,870	STA02	8/2/2000	20.3	0.2	No	452
STA02	9/17/1996	20.8	0.6	No	1,093	STA02	8/18/2000	21.2	0.6	No	28,252
STA02	9/30/1996	15.6	0.6	No	110	STA02	9/1/2000	23	1.6	No	28,448
STA02	5/22/1997	13.1	1.1	No	791	STA02	9/18/2000	19	0.7	No	6,750
STA02	6/4/1997	18.2	1.2	No	115,019	STA02	10/12/2000	11.1	0.9	No	95
STA02	6/18/1997	19.8	1.1	No	20,593	STA02	5/3/2001	19.2	1.2	No	0
STA02	7/2/1997	24.2	1	No	138,625	STA02	5/14/2001	18.8	1.2	No	4,520
STA02	7/17/1997	23.1	1.1	No	47,213	STA02	6/1/2001	18.5	1.4	No	735
STA02	8/1/1997	23.5	0.8	No	8,840	STA02	6/13/2001	21	0.2	No	9,965
STA02	8/18/1997	22.6	0.6	No	767	STA02	6/27/2001	25.2	0.8	No	65,294
STA02	9/4/1997	20.8	0.8	No	8,159	STA02	7/10/2001	23.8	0.5	No	134,105
STA02	9/19/1997	20	1.2	No	2,667	STA02	7/27/2001	24	0.6	No	4,520
STA02	10/8/1997	14.8	1.4	No	10	STA02	8/8/2001	28	0.8	No	11,753
STA02	4/29/1998	10	0.9	No	0	STA02	8/28/2001	23.3	0.6	No	884
STA02	5/14/1998	16.1	0.8	No	684	STA02	9/10/2001	22.5	0.6	No	13,059
STA02	5/29/1998	21.5	1.1	No	46,620	STA02	9/24/2001	19.9	0.7	No	5,860
STA02	6/17/1998	20.2	0.3	No	14,063	STA02	10/9/2001	14.1	0.8	No	2,762
STA02	7/7/1998	21.1	1	No	43,155	STA02	4/24/2002	12.7	0.8	No	0
STA02	7/20/1998	23	1.2	No	20,319	STA02	5/29/2002	18.4	1.3	No	21,754
STA02	8/3/1998	21.8	1.2	No	1,627	STA02	6/18/2002	18.8	1.7	No	14,706
STA02	8/20/1998	21.1	0.7	No	162	STA02	7/2/2002	25.8	1.4	No	30,965
STA02	9/1/1998	22	1	No	10,284	STA02	7/15/2002	23.4	1.4	No	2,387
STA02	9/22/1998	18	1	No	2,317	STA02	8/7/2002	23.8	1.1	No	167
STA02	4/15/1999	8.5	1	No	0	STA02	8/20/2002	24.6	0.9	No	884
STA02	5/17/1999	16.5	1.3	No	45,581	STA02	9/9/2002	20.5	1.5	No	1,495
STA02	6/1/1999	19.6	1.2	No	268,879	STA02	10/8/2002	14.2	1.1	No	126
STA02	6/14/1999	22	0.9	No	131,342	STA02	5/5/2003	11	0.8	No	0
STA02	7/1/1999	20.8	1.1	No	151	STA02	5/20/2003	18	1.1	No	0
STA02	7/19/1999	21	1	No	24,105	STA02	6/2/2003	18	0.9	No	6,374
STA02	7/29/1999	21.8	1	No	3,422	STA02	6/16/2003	20.9	1.6	No	30,437
STA02	8/11/1999		0.5	No	542	STA02	6/30/2003	24.1	1.7	No	29,508

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA02	7/16/2003	23.9	1.1	No	4,751	STA04	6/22/1995	21.2	1	No	4,633
STA02	8/8/2003	25.5	0.9	No	14,497	STA04	7/25/1995	23	1.1	No	16,537
STA02	8/25/2003	23.9	1.2	No	1,793	STA04	9/20/1995	15	0.9	No	1,456
STA02	9/11/2003	20.9	0.9	No	80	STA04	10/3/1995	15.9	1.1	No	382
STA02	5/12/2004	17.43	1.7	No	68	STA04	6/11/1996	20.6	1.3	No	414
STA02	6/8/2004	19.9	1.1	No	15,396	STA04	6/24/1996	21	1.3	No	19,408
STA02	6/23/2004	21.8	0.7	No	32,955	STA04	7/9/1996	21	0.8	No	13,109
STA02	7/13/2004	24.1	1.4	No	187,512	STA04	7/24/1996	22		No	41,889
STA02	7/25/2004	20.8	0.4	No	939	STA04	8/5/1996	23	1.3	No	47,347
STA02	8/17/2004	20	0.2	No	964	STA04	8/20/1996	21	1	No	66,041
STA02	9/7/2004	21.3	1.2	No	45	STA04	9/3/1996	20.3	1.5	No	61,779
STA02	9/21/2004	16.6	0.7	No	33	STA04	9/16/1996	20.8	0.8	No	4,340
STA02	9/29/2004	17.7	1.2	No	10	STA04	9/30/1996	16.8	0.6	No	488
STA02	10/15/2004	13.4	1.7	No	0	STA04	5/22/1997	12.7	1.5	No	0
STA02	5/13/2005	13.9	0.9	No	0	STA04	6/4/1997	17	1.5	No	390
STA02	6/2/2005	19.8	1.4	No	271	STA04	6/18/1997	18.1	1.1	No	23,412
STA02	6/20/2005	20.1	0.4	No	763	STA04	7/2/1997	23.2	1.8	No	15,821
STA02	7/11/2005	24.2	0.7	No	30,101	STA04	7/17/1997	23.2	1.7	No	7,032
STA02	7/20/2005	26.1	1.3	No	4,018	STA04	8/1/1997	22.8	1.8	No	29,194
STA02	7/29/2005	25.1	1.5	No	549	STA04	8/18/1997	21.8	1.6	No	60,083
STA02	8/12/2005	26.5	0.7	No	1,102	STA04	9/4/1997	20.2	1.6	No	2,204
STA02	8/24/2005	23.1	0.6	No	5,776	STA04	9/19/1997	19	1.3	No	1,075
STA02	9/7/2005	22.7	0.6	No	8,324	STA04	10/8/1997	14.1	1.4	No	171
STA02	9/23/2005	21.6	0.5	No	2,799	STA04	4/29/1998	9.1	0.9	No	0
STA02	10/11/2005	13	0.4	No	234	STA04	5/14/1998	15	1.2	No	92
STA02	5/10/2011	12.9	1.2	No	0	STA04	5/29/1998	19.8	1.1	No	576
STA02	6/21/2011	23.5	1.2	No	32,061	STA04	6/17/1998	21.2	1.4	No	20,907
STA02	7/5/2011	24.3	1	No	8,601	STA04	7/7/1998	22	1.2	No	7,700
STA02	7/19/2011	26.1	1	No	52,738	STA04	7/20/1998	25.8	1.3	No	7,427
STA02	8/11/2011	26.1	0.6	No	13,561	STA04	8/3/1998	21.8	2.2	No	15,721
STA02	8/22/2011	23.8	0.5	No	11,646	STA04	8/20/1998	20.1	1.1	No	18,835
STA02	9/4/2011	20.9	0.7	No	0	STA04	9/1/1998	21.2	2.4	No	1,863
STA04	6/2/1994	15.6		No	13	STA04	9/22/1998	18.1	2.6	No	985
STA04	6/15/1994			No	0	STA04	4/15/1999	6.8	0.8	No	0
STA04	6/28/1994			No	13	STA04	5/5/1999	13	1.8	No	0
STA04	7/12/1994	24.4	1	No	166	STA04	5/17/1999	14.3	1.6	No	11
STA04	7/27/1994	24.8		No	1,880	STA04	6/1/1999	19.2	2.1	No	2,982
STA04	9/21/1994	18.8	0.4	No	264	STA04	6/14/1999	20	1.9	No	82,515
STA04	10/5/1994	13.1		No	136	STA04	7/1/1999	20.6	2.3	No	13,633
STA04	11/3/1994	9.1		No	0	STA04	7/19/1999	21	2.2	No	19,227
STA04	5/4/1995	14.2	1.3	No	0	STA04	7/29/1999	21.2	2.1	No	8,143

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA04	8/11/1999	20.1	1.4	No	20,358	STA04	6/30/2003	23.8	2.9	No	1,507
STA04	8/23/1999	21.3	2.1	No	98,276	STA04	7/16/2003	22.4	1.7	No	3,039
STA04	9/7/1999	23	1.9	No	23,757	STA04	8/8/2003	26.8	1.6	No	2,796
STA04	9/24/1999	16	0.5	No	3,102	STA04	8/25/2003	23.9	1.2	No	10,212
STA04	10/7/1999	14.1	1.8	No	645	STA04	9/11/2003	22.2	1.3	No	68
STA04	4/28/2000	7.8	0.8	No	0	STA04	5/12/2004	16.7	1.5	No	0
STA04	5/17/2000	14.8	1.1	No	102	STA04	6/8/2004	19.5	1.2	No	4,832
STA04	5/31/2000	17	1.7	No	2,380	STA04	6/23/2004	21.8	2.1	No	6,890
STA04	6/15/2000	16	1.5	No	3,255	STA04	7/13/2004	23.4	1.8	No	3,817
STA04	6/28/2000	23.8	1.9	No	43,823	STA04	7/20/2004	27	1.8	No	3,164
STA04	7/19/2000	22.8	1.3	No	30,236	STA04	7/28/2004	22.7	1.9	No	3,674
STA04	8/2/2000	23	1.6	No	8,016	STA04	8/17/2004	23.5	1.6	No	7,209
STA04	8/18/2000	23	1.7	No	2,873	STA04	9/7/2004	21.6	1.1	No	4,395
STA04	9/1/2000	23.2	1.2	No	4,319	STA04	9/21/2004	19.8	1.5	No	1,406
STA04	9/18/2000	18.2	2.2	No	19,513	STA04	9/29/2004	18.6	2	No	4,679
STA04	10/12/2000	11.3	2.6	No	723	STA04	10/15/2004	13.8	2.4	No	179
STA04	5/3/2001	17	0.7	No	0	STA04	5/13/2005	13.6	1	No	0
STA04	5/14/2001	16	1.5	No	5	STA04	6/2/2005	19.8	2.1	No	352
STA04	6/1/2001	17	1.9	No	2	STA04	6/20/2005	20.6	0.9	No	2,566
STA04	6/13/2001	24	3.4	No	1,657	STA04	7/11/2005	25	2.2	No	2,186
STA04	6/27/2001	26	2.4	No	4,816	STA04	7/20/2005	27	1.8	No	3,164
STA04	7/10/2001	21	2.5	No	3,345	STA04	7/29/2005	25	1.9	No	8,112
STA04	7/27/2001	22.6	2.4	No	8,566	STA04	8/12/2005	26.3	1.2	No	7,233
STA04	8/8/2001	26.6	2.1	No	36,446	STA04	8/24/2005	22.8	1.3	No	10,976
STA04	8/28/2001	23.6	2	No	15,333	STA04	9/7/2005	22.1	1.6	No	1,632
STA04	9/10/2001	21.7	1.6	No	4,301	STA04	9/23/2005	20.8	2	No	1,155
STA04	9/24/2001	20	1.8	No	9,953	STA04	10/11/2005	14.9	0.9	No	628
STA04	10/9/2001	14.6	2	No	1,398	STA04	5/10/2011	12.8	0.9	No	0
STA04	4/24/2002	14.3	1.4	No	0	STA04	6/7/2011	20.6	1	No	185
STA04	5/29/2002	18	1.6	No	7,888	STA04	6/21/2011	22.6	1.2	No	84,581
STA04	6/18/2002	19.3	2.9	No	2,827	STA04	7/5/2011	24.8	1	No	5,166
STA04	7/2/2002	25.7	2.1	No	4,957	STA04	7/19/2011	25.4	1.4	No	6,114
STA04	7/15/2002	23	2	No	18,788	STA04	8/11/2011	25.8	1	No	809
STA04	8/7/2002	21.9	2.4	No	2,260	STA04	8/22/2011	24.5	0.8	No	1,652
STA04	8/20/2002	22.7	2.1	No	502	STA04	9/14/2011	21.9	0.5	No	924
STA04	9/9/2002	20.8	1.6	No	954	STA07	6/15/1994			No	0
STA04	10/8/2002	14.1	1.5	No	74	STA07	6/28/1994			No	0
STA04	5/5/2003	11.9	1	No	0	STA07	7/12/1994	21.9	2.9	No	0
STA04	5/20/2003	18	1.3	No	71	STA07	7/27/1994	21		No	3
STA04	6/2/2003	18	2	No	1,456	STA07	9/2/1994	18.8		No	2
STA04	6/16/2003	19.6	3.3	No	6,228	STA07	9/21/1994	17.5	5	No	0

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA07	10/5/1994	13.3		No	0	STA07	8/11/1999	18.8	4.9	No	29,006
STA07	5/16/1995	6.6	5.7	No	0	STA07	8/23/1999	21	3.1	No	5,826
STA07	6/22/1995	15.9	5.7	No	0	STA07	9/7/1999	20.5	4.9	No	302
STA07	7/19/1995	19.8	5	No	949	STA07	9/24/1999	16	3.5	No	29
STA07	8/2/1995	21.1	4	No	1,236	STA07	10/19/1999	14	6.3	No	18
STA07	8/29/1995	19.2	3.9	No	1,386	STA07	5/15/2000	11.2	3.4	No	0
STA07	9/20/1995	13.4	4.5	No	15	STA07	6/5/2000	12	2.9	No	118
STA07	9/27/1995	13.2	5	No	6	STA07	6/21/2000	14.9	3	No	570
STA07	6/7/1996	20.9	3.2	No	84	STA07	7/7/2000	18	3.8	No	39,177
STA07	6/20/1996	15.2	2.9	No	62	STA07	7/21/2000	20.4	3	No	20,091
STA07	7/8/1996	15	3.1	No	1,380	STA07	8/7/2000	18.2	4.9	No	842
STA07	7/24/1996	15.5	4.2	No	4,231	STA07	8/24/2000	20.2	5	No	18,006
STA07	8/6/1996	19.8	5	No	4,822	STA07	9/7/2000	19.5	4.6	No	14,817
STA07	8/20/1996	19	4.2	No	6,062	STA07	10/2/2000	14	4.5	No	47
STA07	9/4/1996	19.8	4.3	No	13,260	STA07	5/10/2001	14.8	3.4	No	0
STA07	9/16/1996	19.8	3.8	No	237	STA07	5/24/2001	14	2.8	No	0
STA07	10/9/1996	12.8	5.1	No	2	STA07	6/7/2001	15.8	2.9	No	2
STA07	5/14/1997	6	2.8	No	0	STA07	6/25/2001	23	4	No	2,536
STA07	5/29/1997	12.9	2	No	0	STA07	7/9/2001	19.3	4.3	No	9,317
STA07	6/10/1997	16.5	2.6	No	193	STA07	7/25/2001	21.8	5.9	No	7,908
STA07	6/27/1997	17.2	2.9	No	6,379	STA07	8/7/2001	24.3	6.5	No	23,707
STA07	7/18/1997	21.7	4.1	No	3,164	STA07	8/27/2001	20.7	4.5	No	4,848
STA07	7/31/1997	21.8	5.2	No	7,986	STA07	9/12/2001	19.3	4.9	No	1,569
STA07	8/19/1997	20.2	3.5	No	22,677	STA07	9/26/2001	17.6	6	No	121
STA07	9/11/1997	17.5	4.1	No	347	STA07	5/17/2002	7.5	3.8	No	0
STA07	9/29/1997	14.5	4	No	45	STA07	6/10/2002	13.7	5.2	No	2,510
STA07	10/8/1997	13.1	6.3	No	2	STA07	6/26/2002	19.6	4.7	No	1,983
STA07	5/5/1998	9	2.2	No	0	STA07	7/10/2002	20.7	4	No	20,944
STA07	5/20/1998	14.3	2.5	No	32	STA07	8/1/2002	23.5	5.5	No	1,256
STA07	6/11/1998	14.2	3.2	No	8	STA07	8/16/2002	21.7	5	No	15
STA07	6/25/1998	20.1	2.9	No	485	STA07	9/25/2002	20	6.7	No	14
STA07	7/14/1998	18.8	3.2	No	922	STA07	5/15/2003	10.8	3.5	No	0
STA07	7/28/1998	20.1	4.2	No	2,286	STA07	5/27/2003	11.5	4.3	No	0
STA07	8/10/1998	19.2	4.5	No	44	STA07	6/10/2003	12	3.9	No	56
STA07	8/31/1998	19.8	3.1	No	439	STA07	6/23/2003	17.7	4.1	No	4,272
STA07	9/21/1998	18	3.2	No	241	STA07	7/7/2003	23.1	5.4	No	3,212
STA07	5/5/1999	13.5	2.3	No	0	STA07	8/4/2003	21.7	4.9	No	1,828
STA07	6/7/1999	13.2	4.7	No	820	STA07	8/14/2003	25.4	8.5	No	1,770
STA07	7/1/1999	18.4	5.3	No	12,633	STA07	9/9/2003	19.9	3	No	3,842
STA07	7/21/1999	18.7	7.2	No	25,967	STA07	5/17/2004	13	3.1	No	0
STA07	8/3/1999	20	4	No	24,259	STA07	6/15/2004	14.8	5.2	No	6

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA07	7/6/2004	19.4	3	No	26,520	STA19	6/9/1997	15.1	2.5	No	0
STA07	7/22/2004	21.6	3.7	No	859	STA19	6/24/1997	15.2	4.2	No	176
STA07	8/11/2004	21.3	5.3	No	4,922	STA19	7/11/1997	18	6.2	No	17,027
STA07	9/3/2004	19.8	4	No	2,101	STA19	7/30/1997	18	6.1	No	14,013
STA07	9/23/2004	18	3.8	No	1,878	STA19	8/12/1997	20.1	5.8	No	9,242
STA07	10/5/2004	16.1	6	No	17	STA19	9/8/1997	17.2	4.9	No	1,209
STA07	10/18/2004	13.4	6	No	0	STA19	10/7/1997	14	5.8	No	0
STA07	5/19/2005	10.3	2.1	No	0	STA19	5/13/1998	8.4	4.1	No	0
STA07	6/8/2005	17.4	3.4	No	377	STA19	5/28/1998	13.8	4.1	No	3
STA07	6/23/2005	15.6	1.6	No	201	STA19	6/10/1998	14.8	7.5	No	6
STA07	7/12/2005	23.5	3.4	No	7,455	STA19	6/24/1998	17.2	4.5	No	39
STA07	7/21/2005	23.9	4.4	No	22,803	STA19	7/30/1998	21.1	3.7	No	70,945
STA07	8/3/2005	23.7	3.9	No	97,188	STA19	8/11/1998	21.8	4.1	No	4,822
STA07	8/15/2005	24.4	2.9	No	15,625	STA19	8/28/1998	19.9	4.9	No	2,245
STA07	8/25/2005	21.3	2.8	No	31,442	STA19	9/18/1998	17.3	7.1	No	44
STA07	9/8/2005	20.8	2.7	No	738	STA19	10/6/1998	13.7	6	No	2
STA07	9/28/2005	17.7	3.6	No	72	STA19	5/14/1999	5.8	6.9	No	0
STA07	6/13/2011	15.7	2.1	No	725	STA19	6/4/1999	12	5.3	No	442
STA07	6/28/2011	19.9	2.2	No	1,085	STA19	6/21/1999	17.8	6.3	No	15,776
STA07	7/13/2011	22.4	2.7	No	4,822	STA19	7/16/1999	19.2	6.7	No	7,721
STA07	7/28/2011	23.1	3	No	0	STA19	7/28/1999	21.2	6.5	No	30,513
STA07	8/18/2011	21.8	2.6	No	10,787	STA19	8/10/1999	18	6	No	18,684
STA07	9/2/2011	19.2	1.6	No	1,348	STA19	8/24/1999	20.8	5.4	No	3,245
STA07	9/21/2011	17.3	2	No	276	STA19	9/9/1999	21.4	5.2	No	6
STA19	6/16/1994	17.8	3.1	No	0	STA19	9/28/1999	16	5.3	No	0
STA19	7/21/1994	21.5	4.9	No	0	STA19	10/19/1999		7.5	No	0
STA19	9/8/1994	16.5		No	0	STA19	5/5/2000	3.4	6	No	0
STA19	5/19/1995	5.5	4.6	No	0	STA19	6/1/2000	11.2	3.6	No	0
STA19	6/6/1995	13.7	6.3	No	0	STA19	6/16/2000	11.2	5.7	No	21
STA19	7/11/1995	20.5	5.5	No	316	STA19	6/29/2000	19	6.9	No	723
STA19	8/30/1995	19.3	5.5	No	241	STA19	7/13/2000	19.5	5.9	No	88,858
STA19	10/12/1995	13	8	No	0	STA19	7/31/2000	21.7	4.7	No	31,542
STA19	6/12/1996	12.6	3	No	3	STA19	8/15/2000	22.2	6	No	8,589
STA19	6/28/1996	14	4.1	No	23	STA19	8/31/2000	20.5	5.6	No	4,764
STA19	7/23/1996	16.6	4.5	No	10,713	STA19	9/20/2000	17.8	6.2	No	45
STA19	8/1/1996	18.9	4.5	No	17,177	STA19	5/11/2001	8.3	5	No	0
STA19	8/15/1996	21	4.5	No	3,010	STA19	6/5/2001	11.5	4.3	No	0
STA19	8/29/1996	19	4.2	No	2,013	STA19	6/18/2001	23.5	5.5	No	8,538
STA19	9/10/1996	19.2	4.1	No	2,758	STA19	7/16/2001	20	6.6	No	58,966
STA19	9/24/1996	18	5.2	No	50	STA19	8/1/2001	22.3	7	No	17,077
STA19	5/28/1997	7.8	3.2	No	0	STA19	8/20/2001	23.5	5	No	22,401

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA19	9/6/2001	18.9	5.5	No	1,783	STA21	9/8/1994	16.7		No	6
STA19	9/21/2001	18.4	6.4	No	276	STA21	5/19/1995	6.2	4.1	No	0
STA19	5/28/2002	10.8	7.5	No	0	STA21	6/6/1995	14.7	4	No	0
STA19	6/19/2002	15.6	6.5	No	126	STA21	7/11/1995	20.8	5.2	No	723
STA19	7/3/2002	21.4	3.8	No	28,930	STA21	8/30/1995	20.6	5.8	No	17
STA19	7/19/2002	19.5	4.6	No	4,486	STA21	10/12/1995	13.2	7.9	No	0
STA19	8/12/2002	21.7	5.8	No	1,657	STA21	7/3/1996	16	4.2	No	812
STA19	8/28/2002	19.8	5.3	No	2,412	STA21	7/23/1996	16.8	4.8	No	25,676
STA19	5/8/2003	9	8.5	No	0	STA21	8/1/1996	19.6	3.8	No	35,711
STA19	5/23/2003	8.3	5	No	0	STA21	8/15/1996	21	4.2	No	2,436
STA19	6/5/2003	12.5	7.9	No	0	STA21	8/29/1996	19	4.8	No	7,088
STA19	6/18/2003	14.6	4.5	No	2	STA21	9/10/1996	19.8	4	No	1,615
STA19	7/2/2003	20.9	6.3	No	15,203	STA21	9/24/1996	17.6	5.5	No	5
STA19	7/18/2003	21.2	6.9	No	13,102	STA21	10/17/1996	9.5	5.4	No	0
STA19	8/6/2003	22.5	5.5	No	5,374	STA21	5/28/1997	9.2	4.1	No	0
STA19	8/21/2003	24.7	5.7	No	6,893	STA21	6/9/1997	15.8	2.5	No	0
STA19	9/17/2003	20.2	6.6	No	309	STA21	6/24/1997	17.2	4.3	No	401
STA19	6/4/2004	12	5.6	No	0	STA21	7/11/1997	18.7	5.5	No	50,704
STA19	6/28/2004	16.4	5.6	No	3,249	STA21	7/30/1997	20.8	4.9	No	21,924
STA19	7/14/2004	20.4	5.6	No	35,560	STA21	8/12/1997	20.8	4.9	No	15,620
STA19	7/29/2004	21.3	8.5	No	9,999	STA21	9/8/1997	18	4.7	No	633
STA19	8/25/2004	20.4	6	No	1,107	STA21	10/7/1997	14.1	5.8	No	2
STA19	9/27/2004	17.8	6.7	No	2	STA21	5/13/1998	10.3	2.1	No	0
STA19	10/13/2004	14.8	8.1	No	0	STA21	5/28/1998	16.8	3.5	No	3
STA19	5/27/2005	5.8	5.5	No	0	STA21	6/10/1998	14.3	5.8	No	0
STA19	6/9/2005	12.9	5	No	0	STA21	6/24/1998	21.4	3.3	No	7,990
STA19	6/27/2005	20.4	4	No	330	STA21	7/16/1998	21.2	3.1	No	35,014
STA19	7/13/2005	20.7	3.5	No	13,746	STA21	7/30/1998	21.2	3.1	No	58,137
STA19	7/25/2005	23.1	5.1	No	44,601	STA21	8/11/1998	22	4	No	8,860
STA19	8/4/2005	23.8	5.3	No	54,320	STA21	8/28/1998	21.8	4.5	No	420
STA19	8/18/2005	23.4	4.9	No	25,415	STA21	9/18/1998	17.7	5.9	No	36
STA19	8/30/2005	21.8	5.3	No	15,219	STA21	10/6/1998	13.7	4.9	No	2
STA19	9/16/2005	21.1	4.3	No	1,231	STA21	5/14/1999	4.8	7.3	No	0
STA19	10/3/2005	16.4	4.5	No	3	STA21	6/4/1999	14	4	No	1,188
STA19	6/17/2011	15.3	2.7	No	0	STA21	6/21/1999	18.2	5.9	No	16,826
STA19	6/29/2011	18.4	4.1	No	94	STA21	7/16/1999	20.2	6.5	No	45,103
STA19	7/14/2011	21.3	2.8	No	4,340	STA21	7/28/1999	21.2	7.4	No	15,776
STA19	9/7/2011	18.8	3.6	No	1,037	STA21	8/10/1999	18.3	5.3	No	27,775
STA21	6/16/1994	20.1	2.4	No	0	STA21	8/24/1999	22	5	No	10,497
STA21	7/21/1994	22.6	5.3	No	0	STA21	9/9/1999	21.5	4.3	No	283
STA21	8/11/1994	19.9	5	No	0	STA21	9/28/1999	16	4.2	No	2

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA21	10/19/1999		6.9	No	0	STA21	9/14/2004	17.5	4.9	No	370
STA21	5/5/2000	5.2	5.6	No	0	STA21	9/27/2004	18.5	6.4	No	0
STA21	6/1/2000	11.8	3	No	2	STA21	10/13/2004	14.7	8.7	No	0
STA21	6/16/2000	14	4.5	No	0	STA21	5/27/2005	5.4	5.7	No	0
STA21	6/29/2000	19.8	5.6	No	2,983	STA21	6/9/2005	16.5	4.7	No	0
STA21	7/13/2000	20	4.6	No	129,835	STA21	6/27/2005	20.4	6.4	No	322
STA21	7/31/2000	22.7	3.8	No	47,715	STA21	7/13/2005	22.3	3.2	No	103,517
STA21	8/15/2000	24	5	No	1,890	STA21	7/25/2005	23.4	4.8	No	130,714
STA21	8/31/2000	22	4.9	No	10,882	STA21	8/4/2005	23.9	4.2	No	87,243
STA21	9/20/2000	18.3	5.3	No	63	STA21	8/18/2005	23.9	4.9	No	21,547
STA21	10/13/2000	12.8	6.8	No	6	STA21	8/30/2005	22.1	5.3	No	23,657
STA21	5/7/2001	6	5	No	0	STA21	9/16/2005	21.4	4	No	675
STA21	5/17/2001	7.3	5.1	No	0	STA21	10/3/2005	17.3	3.6	No	11
STA21	6/5/2001	12.3	3.8	No	0	STA21	6/17/2011	16	2.4	No	0
STA21	6/18/2001	23.8	5.4	No	5,701	STA21	6/29/2011	20.2	4.3	No	50
STA21	7/3/2001	19.7	4	No	16,449	STA21	8/19/2011	23.6	3.2	No	12,937
STA21	7/16/2001	20.8	5.6	No	40,081	STA21	9/7/2011	19.3	4.2	No	524
STA21	8/1/2001	25	6.6	No	39,578	STA25	6/16/1994	19.6	5.9	No	0
STA21	8/20/2001	24.2	5.5	No	14,666	STA25	7/8/1994	22		No	0
STA21	9/6/2001	18.5	5.5	No	1,406	STA25	7/21/1994	24.3	6	No	0
STA21	9/21/2001	18.8	5.3	No	301	STA25	8/11/1994	21	4.8	No	0
STA21	5/28/2002	10.5	6.7	No	0	STA25	9/8/1994	17.3		No	0
STA21	6/19/2002	15.3	6.5	No	333	STA25	10/24/1994	12		No	0
STA21	7/3/2002	23.5	2.9	No	27,348	STA25	5/11/1995	6.3	4.1	No	0
STA21	7/19/2002	19.4	6	No	2,396	STA25	6/5/1995	17.5	5.5	No	0
STA21	8/12/2002	22.6	6	No	16,550	STA25	7/7/1995	22.4	5	No	0
STA21	8/28/2002	20	5.7	No	1,841	STA25	7/20/1995	20.9	6.8	No	0
STA21	5/8/2003	8	6.4	No	0	STA25	8/25/1995	20.2	3.4	No	0
STA21	5/23/2003	10.4	4.1	No	0	STA25	9/19/1995	15.8	4.2	No	2
STA21	6/5/2003	10.5	6.1	No	0	STA25	10/12/1995	13	4.3	No	0
STA21	6/18/2003	15.5	4.1	No	5	STA25	6/17/1996	20.5	4.1	No	0
STA21	7/2/2003	22	5.3	No	31,140	STA25	6/27/1996	17	4.1	No	0
STA21	7/18/2003	22.9	6.1	No	12,299	STA25	7/12/1996	18	5.5	No	5
STA21	8/6/2003	24.3	5.9	No	46,108	STA25	7/30/1996	20	4	No	0
STA21	8/21/2003	24.9	5.5	No	7,498	STA25	8/12/1996	21	6.5	No	0
STA21	9/17/2003	20.9	6	No	208	STA25	8/26/1996	20	4.2	No	32
STA21	6/4/2004	13.2	4.7	No	2	STA25	9/9/1996	20.1	3.9	No	0
STA21	6/28/2004	18.1	5	No	8,332	STA25	9/23/1996	19.2	4.1	No	0
STA21	7/14/2004	21.1	4.7	No	43,396	STA25	10/7/1996	14.2	2.8	No	2
STA21	7/29/2004	22.3	7.9	No	3,147	STA25	5/27/1997	6.5	3.9	No	0
STA21	8/25/2004	20.5	5.6	No	2,683	STA25	6/6/1997	14	4.6	No	0

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA25	6/30/1997	21.1	3.8	No	60	STA25	7/31/2001	25	5.3	No	164
STA25	7/10/1997	20	3.8	No	29	STA25	8/10/2001	25.6	4.8	No	17
STA25	7/28/1997	20.8	2.4	No	0	STA25	8/29/2001	22.1	6.9	No	80
STA25	8/11/1997	22.2	4.3	No	0	STA25	9/18/2001	19.5	4.5	No	0
STA25	9/2/1997	21.2	3.7	No	0	STA25	10/1/2001	17.2	7.2	No	0
STA25	9/18/1997	19	5.1	No	0	STA25	4/17/2002	7.4	4.9	No	0
STA25	10/9/1997	14	4	No	0	STA25	6/4/2002	14.1	5.5	No	0
STA25	5/11/1998	12.3	2.7	No	0	STA25	6/25/2002	18.9	1.8	No	3
STA25	5/19/1998	17.3	3.2	No	2	STA25	7/12/2002	21	2	No	0
STA25	6/16/1998	16.8	4.5	No	0	STA25	7/23/2002	22.4	3.8	No	8
STA25	6/30/1998	21.1	2.7	No	26	STA25	8/9/2002	21.9	4.9	No	8
STA25	7/29/1998	21.4	3.7	No	0	STA25	8/29/2002	20.9	4	No	24
STA25	8/11/1998	21.8	3.6	No	0	STA25	5/6/2003	6	2.4	No	0
STA25	8/26/1998	20.7	3.8	No	0	STA25	5/19/2003	14.2	6	No	0
STA25	9/17/1998	17.5	4	No	0	STA25	6/6/2003	15.3	5.3	No	0
STA25	10/5/1998	13.8	4.1	No	0	STA25	6/19/2003	17.5	4.7	No	0
STA25	5/14/1999	10.7	3.1	No	0	STA25	7/3/2003	23.1	4.4	No	693
STA25	6/2/1999	16.6	5.2	No	0	STA25	7/14/2003	22	5.1	No	105
STA25	6/22/1999	20.1	7.5	No	2	STA25	8/12/2003	25	6.8	No	12
STA25	7/8/1999	19.8	5.9	No	319	STA25	8/26/2003	22.5	5.5	No	21
STA25	7/22/1999	20.4	6	No	24	STA25	9/18/2003	21	7.5	No	2
STA25	8/4/1999	22	4.8	No	0	STA25	5/11/2004	10.7	4.1	No	0
STA25	8/12/1999	20.4	5.2	No	2	STA25	6/9/2004	17.3	4	No	6
STA25	8/26/1999	22.2	4.9	No	2	STA25	6/29/2004	19.2	5.7	No	38
STA25	9/8/1999	18.5	5.1	No	0	STA25	7/16/2004	22.2	5.2	No	301
STA25	9/29/1999	17	3.9	No	0	STA25	7/30/2004	23.3	5.5	No	5
STA25	4/25/2000	4	2.8	No	0	STA25	8/18/2004	22.2	5	No	35
STA25	5/22/2000	10.1	2	No	0	STA25	9/1/2004	21.9	3.3	No	5
STA25	6/8/2000	14.2	3.9	No	0	STA25	9/17/2004	19.5	3.2	No	0
STA25	6/20/2000	17	4.1	No	0	STA25	9/28/2004	18.4	4.5	No	0
STA25	7/5/2000	21	7.8	No	12	STA25	10/8/2004	16.1	4.1	No	0
STA25	7/20/2000	21	9.5	No	130	STA25	10/22/2004	13.5	4	No	0
STA25	8/3/2000	23	6.7	No	35	STA25	5/16/2005	10.2	3.9	No	0
STA25	8/21/2000	21.3	6.5	No	27	STA25	6/3/2005	14.7	5	No	2
STA25	9/11/2000	19.2	5	No	2	STA25	6/16/2005	19.8	4.8	No	0
STA25	9/25/2000	16.9	4.5	No	0	STA25	6/29/2005	23.4	6	No	14
STA25	5/11/2001	12	2.9	No	0	STA25	7/14/2005	23.5	5	No	389
STA25	5/31/2001	13.8	4.5	No	0	STA25	7/22/2005	26.2	5.6	No	641
STA25	6/14/2001	22.5	5.3	No	2	STA25	8/9/2005	25.5	4.6	No	427
STA25	6/28/2001	22.7	5.5	No	24	STA25	8/23/2005	23.1	6.2	No	22
STA25	7/12/2001	21	5	No	65	STA25	9/6/2005	22.2	5.9	No	2

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA25	9/21/2005	20.6	5.4	No	2	STA25	8/5/2010	24.1	3.5	No	75
STA25	10/14/2005	15.2	5	No	0	STA25	8/19/2010	22.7	3.6	No	8
STA25	5/29/2006	18	2.4	No	0	STA25	8/19/2010	22.7	3.6	No	17
STA25	6/9/2006	16.2	3.7	No	2	STA25	9/1/2010	22.9	5.2	No	0
STA25	6/29/2006	21	4	No	0	STA25	9/21/2010	17.6	3.4	No	0
STA25	7/21/2006	25.5	4.8	No	0	STA25	6/3/2011	15.2	1.4	No	0
STA25	8/2/2006	24.8	5.5	No	36	STA25	6/20/2011	19.4	4.8	No	0
STA25	8/15/2006	22.5	5.2	No	25	STA25	7/7/2011	22.4	5.2	No	48
STA25	8/30/2006	20.4	4.5	No	0	STA25	7/22/2011	25.4	6.8	No	249
STA25	9/12/2006	19.5	6.6	No	0	STA25	8/17/2011	23.6	7.3	No	0
STA25	9/26/2006	17.4	4.1	No	0	STA25	9/1/2011	21.2	2.1	No	21
STA25	5/10/2007	16.2	4.6	No	0	STA25	9/13/2011	20.3	3	No	118
STA25	5/31/2007	16.3	3.1	No	0	STA25	9/13/2011	20.3	3	No	23
STA25	6/14/2007	19.8	5.9	No	24	STA25	10/18/2011	15.1	2.5	No	0
STA25	7/5/2007	20.4	4.9	No	196	STA33	6/16/1994	19.8	2.3	No	0
STA25	7/23/2007	22.3	4.8	No	90	STA33	7/8/1994	21.2		No	0
STA25	8/15/2007	22.4	4.6	No	96	STA33	7/21/1994	22.3	4.2	No	0
STA25	8/30/2007	22.1	4.7	No	40	STA33	5/18/1995	6.8	3.1	No	0
STA25	9/28/2007	18.6	5.1	No	0	STA33	6/5/1995	14.8	4.2	No	0
STA25	5/15/2008		3.1	No	0	STA33	7/5/1995	20.3	6.5	No	3
STA25	5/29/2008		4	No	0	STA33	8/25/1995	19	5.1	No	6
STA25	6/12/2008		5.1	No	0	STA33	9/19/1995	15.3	5.4	No	0
STA25	6/26/2008		4.5	No	0	STA33	6/18/1996	13.2	3.2	No	0
STA25	7/11/2008		5.2	No	15	STA33	7/2/1996	15	3.2	No	99
STA25	8/1/2008		3.6	No	0	STA33	7/17/1996	17.7	2.3	No	0
STA25	8/19/2008			No	3	STA33	7/31/1996	18	2.5	No	3,616
STA25	9/3/2008		4.2	No	0	STA33	8/14/1996	19.9	5.5	No	2,238
STA25	9/18/2008		4.3	No	0	STA33	8/28/1996	19	4.1	No	2,565
STA25	6/1/2009		6	No	0	STA33	9/11/1996	21	3.5	No	573
STA25	6/16/2009	18.9	5	No	0	STA33	9/26/1996	16.1	5.7	No	2
STA25	7/6/2009		4.2	No	0	STA33	10/18/1996	8.9	4.6	No	0
STA25	7/17/2009	20.9	4.9	No	0	STA33	5/23/1997	7	2.9	No	0
STA25	8/4/2009	22.5	4.3	No	24	STA33	6/5/1997	14.2	2.6	No	2
STA25	8/18/2009		4.5	No	9	STA33	6/19/1997	16.7	2.5	No	8
STA25	8/31/2009		5.4	No	23	STA33	7/7/1997	18.5	4.3	No	57,258
STA25	9/10/2009		4.5	No	22	STA33	7/21/1997	18.2	4.7	No	34,254
STA25	5/17/2010	12.4	3.2	No	2	STA33	8/4/1997	20.6	4	No	4,480
STA25	5/28/2010	20	3.9	No	0	STA33	8/20/1997	20.2	4.3	No	21,095
STA25	6/18/2010	18	2.1	No	0	STA33	9/15/1997	19.2	3.5	No	1,109
STA25	7/8/2010	27.5	6.5	No	0	STA33	10/2/1997	13.2	5.6	No	0
STA25	7/26/2010	23.8	4.2	No	74	STA33	5/12/1998	10.2	3.9	No	0

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA33	5/25/1998	13.2	5	No	14	STA33	7/25/2002	21	4.5	No	1,519
STA33	6/9/1998	14.3	4.7	No	21	STA33	8/13/2002	22.7	4.3	No	1,657
STA33	6/23/1998	21.2	2.7	No	14,013	STA33	9/3/2002	19.4	4	No	2,387
STA33	7/13/1998	19	2.3	No	1,808	STA33	5/7/2003	10.7	3.7	No	0
STA33	7/27/1998	20	2.4	No	6,466	STA33	5/22/2003	10	6	No	0
STA33	8/7/1998	21.2	3.7	No	17,278	STA33	6/4/2003	11.9	6.2	No	0
STA33	8/27/1998	19.3	3.1	No	17,253	STA33	6/17/2003	16.1	3.4	No	51
STA33	9/8/1998	18.4	4.1	No	1,742	STA33	6/26/2003	21	4.4	No	4,195
STA33	9/29/1998	15	2.9	No	2	STA33	7/9/2003	23.2	7.2	No	56,957
STA33	4/19/1999	4.7	4.7	No	0	STA33	8/5/2003	24.1	5	No	5,902
STA33	6/2/1999	16.7	3.5	No	27	STA33	8/15/2003	25.3	5.3	No	19,588
STA33	6/16/1999	16	5.3	No	49,925	STA33	9/10/2003	18.5	6.5	No	972
STA33	7/6/1999	20.2	5.2	No	69,915	STA33	6/7/2004	14.9	3	No	0
STA33	7/20/1999	19	6.4	No	101,056	STA33	6/21/2004	14.6	5.7	No	9
STA33	8/2/1999	21.2	4.5	No	13,210	STA33	7/9/2004	20.3	5.1	No	9,176
STA33	8/18/1999	20	4.1	No	7,035	STA33	7/26/2004	22.6	6.3	No	13,184
STA33	8/31/1999	20.2	6.9	No	1,459	STA33	8/12/2004	22.1	4.6	No	13,715
STA33	9/27/1999	16	3	No	2	STA33	9/2/2004	20.4	5.5	No	116
STA33	5/3/2000	5.5	5.2	No	0	STA33	9/24/2004	18.3	3.5	No	12
STA33	5/24/2000	11.3	2	No	0	STA33	10/14/2004	14.6	8.1	No	0
STA33	6/9/2000	12	4.1	No	0	STA33	6/1/2005	14.8	5.3	No	0
STA33	6/22/2000	16.2	2.5	No	0	STA33	6/13/2005	20.5	4.7	No	80
STA33	7/11/2000	17.3	5.9	No	5,063	STA33	6/28/2005	23.5	2.5	No	5,107
STA33	7/24/2000	20.2	3.9	No	113,010	STA33	7/15/2005	23.7	4.3	No	26,339
STA33	8/14/2000	23	5.1	No	32,999	STA33	7/26/2005	24.6	4.2	No	77,205
STA33	8/28/2000	20.5	7.4	No	4,810	STA33	8/8/2005	24.1	3.5	No	71,384
STA33	9/14/2000	19	4.4	No	2,296	STA33	8/19/2005	23.4	4.9	No	25,917
STA33	5/9/2001	10.2	4.9	No	0	STA33	8/29/2005	22.1	4.6	No	25,314
STA33	5/21/2001	12.2	4	No	0	STA33	9/30/2005	16.7	7.8	No	2
STA33	6/6/2001	11.7	4.7	No	0	STA33	6/6/2011	15.6	3.2	No	0
STA33	6/21/2001	22.1	4.2	No	4,816	STA33	6/27/2011	19.6	2.5	No	21
STA33	7/6/2001	18.2	4	No	3,003	STA33	7/11/2011	21.7	3.4	No	23,762
STA33	7/19/2001	22	6.3	No	37,368	STA33	8/8/2011	23	3.9	No	15,142
STA33	7/31/2001	23.2	8	No	18,534	STA33	9/1/2011	18.8	2	No	552
STA33	8/13/2001	24.5	6	No	11,307	STA33	9/19/2011	17.7	4.2	No	86
STA33	9/5/2001	19.4	4.9	No	1,959	STA34	6/14/1994			No	0
STA33	9/18/2001	18.7	6.2	No	193	STA34	7/8/1994	22.6		No	0
STA33	10/1/2001	17.1	5.5	No	3	STA34	7/21/1994	23	4.1	No	0
STA33	6/3/2002	11.3	5.4	No	0	STA34	8/11/1994	20.4	4.5	No	0
STA33	6/24/2002	16.7	3.8	No	193	STA34	9/8/1994	17.6		No	0
STA33	7/8/2002	20.1	3	No	17,177	STA34	10/24/1994	12		No	0

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA34	5/18/1995	6.4	4.2	No	0	STA34	7/27/1999	21.3	6.3	No	2
STA34	6/5/1995	15.5	4.5	No	0	STA34	8/12/1999	18.5	5.2	No	11
STA34	7/5/1995	21.8	7	No	0	STA34	8/30/1999	20.8	5.4	No	0
STA34	7/31/1995	22.3	6.4	No	0	STA34	9/29/1999	17	4.6	No	0
STA34	8/23/1995	22.2	6.1	No	0	STA34	5/2/2000	4.8	2	No	0
STA34	9/14/1995	16.8	3.8	No	0	STA34	5/26/2000	9.8	3.8	No	0
STA34	9/21/1995	15.5	4.9	No	8	STA34	6/12/2000	13	5.9	No	0
STA34	10/13/1995	13.8	4.5	No	2	STA34	6/26/2000	16.4	8	No	0
STA34	6/17/1996	15.2	5.5	No	0	STA34	7/11/2000	18.4	5	No	3
STA34	6/27/1996	16.2	5.5	No	0	STA34	7/25/2000	23.2	6.2	No	5
STA34	7/11/1996	17.3	5.5	No	2	STA34	8/10/2000	21.8	6.1	No	2
STA34	7/26/1996	17.2	4.7	No	17	STA34	8/21/2000	20.5	3.6	No	0
STA34	8/8/1996	19.8	4.4	No	3	STA34	9/5/2000	20.4	3.8	No	0
STA34	8/22/1996	20.2	5.7	No	5	STA34	9/26/2000	17.5	4.3	No	0
STA34	9/5/1996	20.1	5.1	No	0	STA34	5/4/2001	7	4.5	No	0
STA34	9/19/1996	20.2	6.1	No	17	STA34	5/16/2001	10.1	5.2	No	0
STA34	10/16/1996	10.8	3.6	No	3	STA34	6/4/2001	13.2	3.6	No	0
STA34	5/27/1997		3.5	No	0	STA34	6/20/2001	21.3	5.3	No	2
STA34	6/3/1997	12.5	5.1	No	0	STA34	7/5/2001	19.1	5.3	No	0
STA34	6/11/1997	16.1	5.2	No	2	STA34	7/23/2001	21.5	5	No	2
STA34	6/30/1997	19.2	5.1	No	2	STA34	8/3/2001	24	4.9	No	3
STA34	7/10/1997	19.2	6.7	No	0	STA34	8/21/2001	23.5	4.7	No	17
STA34	7/24/1997	20.2	5.1	No	0	STA34	9/7/2001	20.3	4.1	No	0
STA34	8/7/1997	21.1	4.5	No	29	STA34	9/19/2001	19.6	5.1	No	0
STA34	8/26/1997	21.2	4.1	No	0	STA34	10/2/2001	18	4.8	No	0
STA34	9/16/1997	19.2	4.6	No	0	STA34	5/20/2002	8.3	4.8	No	0
STA34	10/6/1997	13.8	4.9	No	0	STA34	6/14/2002	15.4	4.6	No	0
STA34	5/11/1998	8.7	3.1	No	0	STA34	6/27/2002	17.3	5.3	No	0
STA34	5/19/1998	15.7	4	No	0	STA34	7/12/2002	20.5	4.5	No	17
STA34	6/8/1998	14.1	5.2	No	0	STA34	7/29/2002	21.2	2.9	No	0
STA34	6/22/1998	17.2	5.9	No	0	STA34	8/14/2002	23.9	3.4	No	0
STA34	7/8/1998	19.9	5.2	No	11	STA34	9/4/2002	20.1	5	No	0
STA34	7/21/1998	20.8	4.8	No	3	STA34	5/9/2003	6.9	3.4	No	0
STA34	8/4/1998	21.2	5.2	No	20	STA34	5/21/2003	9.6	2.7	No	0
STA34	8/27/1998	21	5.3	No	0	STA34	6/3/2003	13.5	4.1	No	0
STA34	9/17/1998	18	4.9	No	0	STA34	6/13/2003	15.5	4.1	No	0
STA34	10/5/1998	14.2	5.2	No	0	STA34	6/25/2003	21.3	6.9	No	0
STA34	5/19/1999	9.2	4.2	No	0	STA34	7/10/2003	23.3	6.5	No	346
STA34	6/3/1999	15.2	5.8	No	0	STA34	7/25/2003	21.6	5	No	407
STA34	6/23/1999	19.2	8.6	No	0	STA34	8/13/2003	24.9	5.8	No	49
STA34	7/14/1999	19.3	5.7	No	0	STA34	9/5/2003	19.8	4	No	49

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA34	10/1/2003	17.2	4.8	No	0	STA34	8/14/2008		5.8	No	3
STA34	5/13/2004	9.9	4.1	No	0	STA34	8/26/2008		5.1	No	29
STA34	6/11/2004	14.9	5.6	No	0	STA34	9/11/2008		4.8	No	0
STA34	7/2/2004	19	5.9	No	2	STA34	9/26/2008		3.4	No	0
STA34	7/6/2004	20.4	4.8	No	402	STA34	5/19/2009		3.4	No	0
STA34	7/19/2004	23.2	4.5	No	2	STA34	6/3/2009		4.6	No	5,943
STA34	8/10/2004	22.2	4	No	14	STA34	6/19/2009	16.5	6.7	No	0
STA34	9/1/2004	21.3	4.5	No	5	STA34	7/7/2009		5.2	No	226
STA34	9/16/2004	19.6	4	No	3	STA34	7/20/2009		5.7	No	292
STA34	9/30/2004	18.2	4.9	No	0	STA34	8/6/2009	21.9	5.1	No	316
STA34	10/19/2004	14.7	3.3	No	0	STA34	8/24/2009		4.8	No	136
STA34	5/20/2005	12.3	2.8	No	0	STA34	9/4/2009		5.4	No	422
STA34	6/7/2005	12	3.7	No	0	STA34	9/23/2009		4.1	No	88
STA34	6/29/2005	22.1	7.1	No	2	STA34	5/19/2010	12.7	4.2	No	0
STA34	7/6/2005	20.4	4.8	No	402	STA34	6/11/2010	16.4	7.8	No	0
STA34	7/19/2005	24.1	5	No	226	STA34	7/1/2010	19.5	5.1	No	264
STA34	8/2/2005	23.8	5.9	No	208	STA34	7/20/2010	23.2	6.5	No	1,017
STA34	8/17/2005	24.6	4.2	No	38	STA34	8/2/2010	23.2	4.5	No	970
STA34	8/26/2005	22.1	5.2	No	301	STA34	8/17/2010	22.6	4.5	No	944
STA34	9/9/2005	21.5	6.6	No	3	STA34	8/30/2010	22.7	5.8	No	1,899
STA34	9/19/2005	20.8	5.6	No	25	STA34	9/16/2010	18.7	3.7	No	14
STA34	10/12/2005	16	3.9	No	0	STA34	6/14/2011	14.4	4.8	No	0
STA34	6/2/2006	16.3	4.7	No	0	STA34	6/30/2011	19.5	7.2	No	177
STA34	6/15/2006	15.7	8	No	0	STA34	7/15/2011	23.1	6.6	No	1,080
STA34	7/11/2006	21	5.8	No	50	STA34	8/23/2011	22.7	4.7	No	1,833
STA34	8/1/2006	23.6	5	No	8	STA34	9/9/2011	20.3	3.6	No	362
STA34	8/14/2006	22	1.3	No	301	STA36	6/16/1994	16.6		No	0
STA34	8/25/2006	21.3	3.8	No	0	STA36	7/8/1994			No	0
STA34	9/5/2006	19.7	4.1	No	0	STA36	7/21/1994	21.8	5	No	0
STA34	9/20/2006	18.6	4.6	No	0	STA36	8/26/1994	19.1		No	2
STA34	5/22/2007	10.3	3.6	No	0	STA36	5/18/1995	7.8	5.1	No	0
STA34	6/19/2007	19.9	6.7	No	0	STA36	6/5/1995	14.2	6	No	0
STA34	7/16/2007	21.2	3.6	No	0	STA36	7/5/1995	20.3	4.5	No	9
STA34	7/30/2007	0	5.8	No	0	STA36	7/31/1995	22.1	5	No	618
STA34	8/22/2007	0	3.7	No	169	STA36	8/25/1995	19	4.9	No	17
STA34	9/21/2007	18.5	6.2	No	0	STA36	9/19/1995	15.2	6.4	No	2
STA34	5/21/2008		3.9	No	0	STA36	6/18/1996	15.5	3.8	No	0
STA34	6/3/2008		4.2	No	0	STA36	7/2/1996	15	5	No	143
STA34	6/20/2008		6.2	No	0	STA36	7/17/1996	17	3.2	No	10,487
STA34	7/7/2008		6.8	No	0	STA36	7/31/1996	17.8	4.2	No	4,279
STA34	7/31/2008		5	No	341	STA36	8/14/1996	20	5.4	No	8,788

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA36	8/28/1996	19	5.2	No	1,659	STA36	5/9/2001	8.5	5.1	No	0
STA36	9/11/1996	21	4.6	No	190	STA36	5/21/2001	10.8	6	No	0
STA36	9/26/1996	16.8	5.1	No	77	STA36	6/6/2001	14	4.6	No	0
STA36	10/18/1996	9.5	4.8	No	0	STA36	6/21/2001	24	6.5	No	3,290
STA36	5/23/1997	5.8	3.9	No	0	STA36	7/6/2001	18.7	5.5	No	43,998
STA36	6/5/1997	16.4	3.9	No	0	STA36	7/19/2001	24	6	No	23,104
STA36	6/19/1997	16.5	3.1	No	26	STA36	7/31/2001	23	8	No	44,400
STA36	7/7/1997	18.8	5.9	No	58,564	STA36	8/13/2001	23.9	6.9	No	42,492
STA36	7/21/1997	18.5	4.9	No	5,770	STA36	9/5/2001	19.6	5.6	No	5,600
STA36	8/4/1997	22	7.8	No	4,922	STA36	9/18/2001	18.8	5.4	No	670
STA36	8/20/1997	20.4	5	No	7,025	STA36	10/1/2001	17.2	6	No	30
STA36	9/15/1997	19.2	4.1	No	2,034	STA36	6/3/2002	12.3	6.1	No	5
STA36	10/2/1997	13.2	6.1	No	0	STA36	6/24/2002	17.7	4.5	No	1,674
STA36	5/12/1998	9	5.3	No	0	STA36	7/8/2002	19.9	3.7	No	15,226
STA36	5/25/1998	13.9	5.1	No	17	STA36	7/25/2002	20.8	5	No	791
STA36	6/9/1998	14.2	5.1	No	54	STA36	8/13/2002	22.1	6.3	No	1,688
STA36	6/23/1998	18.3	4.3	No	324	STA36	5/7/2003	6.1	4.2	No	0
STA36	7/13/1998	18.3	3.5	No	8,639	STA36	5/22/2003	9.8	6.6	No	0
STA36	7/27/1998	21	3.6	No	21,720	STA36	6/4/2003	10.7	9.7	No	0
STA36	8/7/1998	19.9	4.7	No	14,490	STA36	6/17/2003	14.8	6.6	No	27
STA36	8/27/1998	19.2	5.9	No	2,077	STA36	6/26/2003	20.3	6.4	No	2,365
STA36	9/8/1998	18	4.2	No	2,125	STA36	7/9/2003	23	5.9	No	47,414
STA36	9/29/1998	15	5.4	No	11	STA36	8/5/2003	23.1	7.9	No	19,337
STA36	4/19/1999	2.8	6.1	No	0	STA36	8/15/2003	24.8	5.5	No	11,862
STA36	6/2/1999	14	4.5	No	226	STA36	9/10/2003	18.9	6	No	1,025
STA36	6/16/1999	16.8	7.2	No	4,098	STA36	6/7/2004	13	4.5	No	0
STA36	7/6/1999	21.2	6.7	No	36,992	STA36	6/21/2004	15.8	4.7	No	203
STA36	7/20/1999	19.6	5.4	No	21,899	STA36	7/9/2004	20.3	6.2	No	17,760
STA36	8/2/1999	20.4	4.2	No	12,205	STA36	7/26/2004	23.4	6.7	No	9,525
STA36	8/18/1999		4.8	No	41,060	STA36	8/12/2004	21.7	6	No	8,940
STA36	8/31/1999	20.7	3.9	No	3,672	STA36	9/2/2004	20.9	3	No	552
STA36	9/27/1999	16	3.5	No	0	STA36	9/24/2004	18.1	5.7	No	3
STA36	5/3/2000	3.5	6.5	No	0	STA36	10/14/2004	14.7	9.1	No	0
STA36	5/24/2000	8.9	3.1	No	0	STA36	6/1/2005	14.8	5.5	No	0
STA36	6/9/2000	11.1	7.1	No	8	STA36	6/13/2005	18.1	5.3	No	8
STA36	6/22/2000	13.2	4.2	No	0	STA36	6/28/2005	19.7	5.1	No	2,030
STA36	7/11/2000	17.6	4.8	No	8,712	STA36	7/15/2005	24	4.5	No	83,326
STA36	7/24/2000	21	6.8	No	60,272	STA36	7/26/2005	23.7	4	No	199,640
STA36	8/14/2000	23.2	5.5	No	14,013	STA36	8/8/2005	24.5	4	No	75,905
STA36	8/28/2000	21	7	No	6,442	STA36	8/19/2005	23.4	4	No	39,779
STA36	9/14/2000	18.3	6.2	No	3,303	STA36	8/29/2005	21.8	4.8	No	6,831

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA36	9/13/2005	21.2	4.3	No	2,539	STA40	5/19/1998	17.8	3.5	No	3
STA36	9/30/2005	17.1	6.3	No	45	STA40	6/8/1998	15.2	2.4	No	0
STA36	6/6/2011	13.7	2.1	No	0	STA40	6/22/1998	22.5	3.8	No	0
STA36	6/27/2011	18.8	5.6	No	48	STA40	7/8/1998	20.1	3.1	No	0
STA36	7/11/2011	21.4	3.6	No	17,130	STA40	7/21/1998	22.5	3.5	No	1
STA36	8/8/2011	23.2	3.7	No	43,094	STA40	8/4/1998	21.2	3.2	No	0
STA36	9/1/2011	17.7	0.9	No	685	STA40	8/21/1998	21.2	2.2	No	0
STA36	9/19/2011	17.8	4.9	No	287	STA40	9/9/1998	18.2	1.4	No	0
STA40	5/18/1994	10.5	2.3	No	0	STA40	9/30/1998	15.5	1.2	No	0
STA40	6/1/1994	12.8		No	0	STA40	4/21/1999	7.1	3.8	No	0
STA40	7/8/1994	23.7		No	0	STA40	5/19/1999	13.2	2.2	No	0
STA40	7/21/1994	25.4	3.4	No	0	STA40	6/3/1999	18.5	2.9	No	0
STA40	8/24/1994			No	0	STA40	6/23/1999	20.6	6.2	No	6
STA40	9/19/1994			No	0	STA40	7/14/1999	19.7	3.1	No	18
STA40	5/18/1995	10.9	2.9	No	0	STA40	7/27/1999	22.8	3.2	No	0
STA40	7/5/1995	23.7	3.9	No	0	STA40	8/20/1999	23	1.9	No	0
STA40	7/27/1995	24.1	4.5	No	0	STA40	8/30/1999		1.2	No	0
STA40	8/23/1995	22.6	1.6	No	0	STA40	9/21/1999	17.2	1.6	No	0
STA40	9/14/1995	16.8	2.5	No	4	STA40	5/2/2000	6.2	1.5	No	0
STA40	9/21/1995	15.5	2.8	No	0	STA40	5/26/2000	13	2.6	No	0
STA40	10/13/1995	14.1	4.1	No	0	STA40	6/12/2000	15.2	3.2	No	0
STA40	6/13/1996	20.8	3	No	0	STA40	6/26/2000	20.3	3.2	No	0
STA40	6/26/1996	17	3.5	No	0	STA40	7/12/2000	23	3	No	12
STA40	7/11/1996	18.5	2.3	No	6	STA40	7/25/2000	23.2	4.2	No	30
STA40	7/26/1996	21	2.2	No	0	STA40	8/10/2000	24.8	1	No	0
STA40	8/8/1996	22.8	2.8	No	0	STA40	8/22/2000	21.3	1.2	No	0
STA40	8/22/1996	22	2.1	No	6	STA40	9/5/2000	20.4	1.9	No	0
STA40	9/5/1996	21.1	2.6	No	0	STA40	9/26/2000	16.8	2	No	0
STA40	9/19/1996	19.9	2	No	0	STA40	5/4/2001	12	2.7	No	0
STA40	10/16/1996	8.5	3.4	No	3	STA40	5/16/2001	10.8	3.7	No	0
STA40	5/20/1997	9.5	2.2	No	0	STA40	6/4/2001	16.3	3	No	0
STA40	6/3/1997	14.5	3.9	No	0	STA40	6/20/2001	24	3	No	30
STA40	6/11/1997	19.8	3.5	No	0	STA40	7/5/2001	21.2	2.8	No	208
STA40	6/20/1997	18.8	2.3	No	0	STA40	7/23/2001	24.7	2.7	No	69
STA40	7/8/1997	22	3.1	No	45	STA40	8/3/2001	25.5	2.7	No	0
STA40	7/24/1997	20.8	2.3	No	0	STA40	8/21/2001	24.3	2	No	68
STA40	8/7/1997	21.1	1.6	No	0	STA40	9/7/2001	20.6	1.8	No	3
STA40	8/26/1997	22	2.5	No	12	STA40	9/19/2001	20.3	2.3	No	0
STA40	9/16/1997	20	1.7	No	0	STA40	10/2/2001	18.1	3.2	No	0
STA40	10/6/1997	13.8	4.9	No	0	STA40	5/20/2002	10	3.4	No	0
STA40	4/30/1998	7.2	2.1	No	0	STA40	6/14/2002	16.9	0.9	No	13

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m ³)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m ³)
STA40	6/27/2002	21.1	3.6	No	0	STA40	9/5/2006	19.4	1.8	No	0
STA40	7/12/2002	20.5	1.9	No	158	STA40	9/20/2006	19.5	2.5	No	0
STA40	7/29/2002	22.5	2.2	No	39	STA40	10/5/2006		1.7	No	0
STA40	8/14/2002	24.8	1.8	No	0	STA40	5/22/2007	11	3.6	No	0
STA40	9/4/2002	20.1	1.8	No	67	STA40	6/5/2007	17.1	1.8	No	0
STA40	10/3/2002	15.9	1.3	No	0	STA40	6/19/2007	21.9	4	No	5,730
STA40	5/9/2003	10.3	2.6	No	0	STA40	7/16/2007	22.4	2	No	14,315
STA40	5/21/2003	15	2	No	0	STA40	7/30/2007	0	2	No	142
STA40	6/3/2003	12.7	3	No	0	STA40	8/22/2007	21	2.4	No	80
STA40	6/13/2003	17.9	2.9	No	0	STA40	9/21/2007	19.1	2.9	No	0
STA40	6/25/2003	24	4.6	No	0	STA40	5/21/2008		2.3	No	0
STA40	7/10/2003	25.4	2.2	No	588	STA40	6/3/2008	16.7	2.5	No	0
STA40	7/25/2003	22.8	2.9	No	216	STA40	6/20/2008		5.2	No	27
STA40	8/13/2003	26.5	2.5	No	0	STA40	7/7/2008	24.1	3.8	No	34,054
STA40	9/5/2003	20.2	1.6	No	0	STA40	7/31/2008		3	No	2,009
STA40	10/1/2003	17	2.3	No	0	STA40	8/14/2008		1.6	No	3,214
STA40	5/13/2004	14.7	3.2	No	0	STA40	8/26/2008		2.4	No	166
STA40	6/11/2004	18.4	4	No	0	STA40	9/11/2008	20.7	1.8	No	0
STA40	7/2/2004	20.1	3.7	No	1,178	STA40	9/26/2008		2.8	No	0
STA40	7/19/2004	25.3	3.2	No	354	STA40	5/19/2009		2.1	No	0
STA40	8/10/2004	22.1	2.3	No	1,423	STA40	6/3/2009		37	No	10,447
STA40	9/1/2004	21.9	4.5	No	136	STA40	6/19/2009	20.1	4	No	1,224
STA40	9/16/2004	20.1	2	No	552	STA40	7/7/2009		3.6	No	3,918
STA40	9/30/2004	18.2	2.7	No	30	STA40	7/20/2009		2.5	No	120
STA40	10/19/2004	13.5	3.5	No	0	STA40	8/6/2009	23.6	4	No	3,616
STA40	5/20/2005	14.3	2.6	No	0	STA40	8/24/2009		2.3	No	113
STA40	6/7/2005	20.1	3.1	No	0	STA40	9/4/2009	22.2	4.4	No	2,672
STA40	6/22/2005	19.6	2	No	603	STA40	9/23/2009	18.4	2.6	No	100
STA40	7/6/2005	23.1	2.4	No	20,322	STA40	5/19/2010	14.9	3.8	No	0
STA40	7/19/2005	26.4	3	No	4,376	STA40	6/11/2010	16.9		Yes	145
STA40	8/2/2005	23.8	1.8	No	1,041	STA40	7/1/2010	20.4	3.1	No	6,469
STA40	8/17/2005	25.3	2.4	No	78	STA40	7/20/2010	25.2	3	No	2,461
STA40	8/25/2005	22.9	2	No	286	STA40	8/2/2010	24	1.5	No	442
STA40	9/9/2005	21.9	1.8	No	45	STA40	8/17/2010	23.6	2.1	No	884
STA40	9/19/2005	21	2	No	0	STA40	8/17/2010	23.6	2.1	No	3,014
STA40	10/12/2005	14.8	3.5	No	0	STA40	8/30/2010	23.2	2.2	No	3,164
STA40	6/2/2006	19.9	2.9	No	0	STA40	9/16/2010	17.8	2.2	No	585
STA40	6/15/2006	17.7	4.2	No	3	STA40	6/14/2011	16.4	4	No	0
STA40	8/1/2006	24.5	2.3	No	1,205	STA40	6/30/2011	21.1	4.4	No	1,280
STA40	8/14/2006	22.4	2	No	628	STA40	7/15/2011	23.9	3	No	5,876
STA40	8/25/2006	21.7	2.1	No	0	STA40	8/9/2011	25	1.6	No	753

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA40	8/23/2011	24.1	1.6	No	1,061	STA46	9/2/1998	21.2	4	No	2,331
STA40	9/9/2011	21.2	2.1	No	1,507	STA46	9/24/1998	15	5.9	No	21
STA46	6/30/1994			No	0	STA46	4/21/1999	5	6.4	No	0
STA46	7/11/1994	22	4.6	No	0	STA46	5/21/1999	12.2	5.5	No	0
STA46	7/26/1994	23.4		No	0	STA46	6/17/1999	18.3		Yes	12,762
STA46	8/26/1994	20.2		No	45	STA46	7/12/1999	19	5.2	No	5,166
STA46	9/7/1994	16.4		No	14	STA46	7/26/1999	21	3.5	No	44,752
STA46	9/22/1994	16.1	3	No	0	STA46	8/6/1999	20.8	5.2	No	23,406
STA46	10/4/1994	11.8		No	0	STA46	8/20/1999	22	4.7	No	17,915
STA46	5/17/1995	7.9	2.8	No	0	STA46	9/1/1999	21.3	6.3	No	354
STA46	5/25/1995	11.4	4.2	No	0	STA46	9/14/1999	20	3.5	No	81
STA46	7/14/1995	23.1	4.2	No	0	STA46	10/5/1999	14.1		Yes	3
STA46	8/3/1995	23.7	3.2	No	18	STA46	5/1/2000	4.8	4.8	No	0
STA46	8/24/1995	20.4	2.8	No	0	STA46	5/29/2000	11	5	No	3
STA46	10/2/1995	13.2	4.8	No	0	STA46	6/13/2000	12	6.2	No	83
STA46	6/13/1996	16.3	3.3	No	36	STA46	6/27/2000	18.1	5.1	No	13,436
STA46	6/25/1996	17.3	3.5	No	38	STA46	7/12/2000	17.5		Yes	2,285
STA46	7/10/1996	19	2.5	No	181	STA46	7/26/2000	21.2	3.8	No	265,597
STA46	7/25/1996	16.2	3	No	3,114	STA46	8/11/2000	23	5.7	No	92,517
STA46	8/7/1996	20.2	4	No	4,023	STA46	8/25/2000	21.2	5.5	No	20,573
STA46	8/23/1996	20.2	3	No	8,498	STA46	9/13/2000	18.8		Yes	4,646
STA46	9/6/1996	21	3.4	No	1,145	STA46	10/3/2000	14.5		Yes	136
STA46	9/20/1996	19	6.2	No	42	STA46	5/8/2001	8.3	6.3	No	0
STA46	10/4/1996	13.8	4	No	9	STA46	5/25/2001	13	4.5	No	53
STA46	5/19/1997	8	3.7	No	0	STA46	6/12/2001	17		Yes	13
STA46	6/2/1997	11.3	3.6	No	0	STA46	6/26/2001	22.4	5.2	No	2,210
STA46	6/17/1997	16.5	2.6	No	123	STA46	7/11/2001	21		Yes	48,187
STA46	7/8/1997	20.5	4.7	No	100,202	STA46	7/26/2001	24	4.9	No	42,287
STA46	7/23/1997	18.8	5.8	No	24,410	STA46	8/6/2001	24.7	5.7	No	12,344
STA46	8/5/1997	20.6	4	No	15,022	STA46	8/23/2001	24	2.8	No	10,174
STA46	8/25/1997	19.7	5	No	10,041	STA46	9/11/2001	20.9	5.5	No	994
STA46	9/9/1997	18.2	4.5	No	717	STA46	9/27/2001	18.7		Yes	48
STA46	10/1/1997	13	4.1	No	48	STA46	5/30/2002	13.3	6.4	No	924
STA46	4/30/1998	5.1	4.1	No	0	STA46	6/17/2002	14.8	2.6	No	309
STA46	5/15/1998	12	5.8	No	0	STA46	7/1/2002	20.7	3.5	No	20,884
STA46	6/2/1998	15	4.1	No	371	STA46	7/16/2002	18.4	3.6	No	3,051
STA46	6/19/1998	19.8	6	No	374	STA46	8/8/2002	21.6		Yes	803
STA46	7/10/1998	19	3.7	No	22,016	STA46	8/21/2002	24.4		Yes	991
STA46	7/22/1998	21	3	No	46,615	STA46	5/16/2003	10	7	No	0
STA46	8/5/1998	22.7	2.9	No	40,683	STA46	5/28/2003	15.3	6.1	No	0
STA46	8/21/1998	19		Yes	6,518	STA46	6/12/2003	15.5	6.7	No	316

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA46	6/24/2003	21.7	6.8	No	603	STA50	10/4/1994	11.7		No	0
STA46	7/8/2003	24.1	5	No	18,458	STA50	5/10/1995	11.3	1.5	No	0
STA46	7/22/2003	22.4	5.2	No	67,973	STA50	5/25/1995	14.9	2.8	No	0
STA46	8/7/2003	24.6	4.3	No	19,452	STA50	6/27/1995	24.8	2.4	No	0
STA46	8/28/2003	20.3	4.6	No	8,920	STA50	7/14/1995	23.2	1.8	No	0
STA46	10/14/2003	14.8	4.8	No	0	STA50	8/3/1995	23.2	1.7	No	0
STA46	5/14/2004	11.8	5	No	0	STA50	8/24/1995	20.1	1.3	No	0
STA46	6/10/2004	15.4	6	No	100	STA50	9/15/1995	15.3	1.1	No	0
STA46	6/30/2004	18.2		Yes	1,017	STA50	10/2/1995	13	0.8	No	0
STA46	7/21/2004	24.9	5	No	9,493	STA50	6/13/1996	21	2.8	No	0
STA46	8/9/2004	21.2		Yes	12,671	STA50	6/25/1996	20.7	2.5	No	4
STA46	8/24/2004	20.8	2.7	No	6,856	STA50	7/10/1996	19	2.3	No	0
STA46	9/8/2004	20.2	4	No	1,386	STA50	7/25/1996	19.2	1.5	No	10
STA46	9/22/2004	17.6	4	No	58	STA50	8/7/1996	22	1.6	No	49
STA46	10/1/2004	17.4		Yes	0	STA50	8/23/1996	21	1.5	No	35
STA46	10/20/2004	11.9		Yes	0	STA50	9/6/1996	22	0.6	No	0
STA46	5/18/2005	9.9	4.8	No	0	STA50	9/20/1996	19	0.8	No	0
STA46	6/13/2005	20.9	5	No	87	STA50	10/4/1996	12.2	0.8	No	0
STA46	6/21/2005	18.2	3	No	234	STA50	5/19/1997	8.8	1.5	No	0
STA46	7/5/2005	22.6	5	No	122,653	STA50	6/2/1997	15.2	1.8	No	0
STA46	7/18/2005	24.8	4	No	40,181	STA50	6/20/1997		2.1	No	0
STA46	7/28/2005	24.2		Yes	317,933	STA50	7/8/1997	21.4	3	No	0
STA46	8/11/2005	25.8	4.5	No	119,288	STA50	7/23/1997	21.8	0.9	No	151
STA46	8/22/2005	22.7	5.7	No	46,409	STA50	8/5/1997	20.8	1	No	30
STA46	9/13/2005	21.7	5.3	No	2,371	STA50	8/25/1997	19.3	1.3	No	0
STA46	9/27/2005	18.2		Yes	38	STA50	9/9/1997	19	2.3	No	0
STA46	10/28/2005	7.3	3.5	No	0	STA50	10/1/1997	12.2	2.2	No	0
STA46	6/8/2011	15.5	2.3	No	0	STA50	4/30/1998	9	1.3	No	0
STA46	6/22/2011	21.3	4.7	No	77	STA50	5/15/1998	17.5	1.8	No	0
STA46	7/8/2011	22.1	4.2	No	11,321	STA50	6/2/1998	17.7	0.7	No	0
STA46	7/20/2011	23.8	3.8	No	42,944	STA50	6/19/1998	22	1.9	No	0
STA46	8/12/2011	23.1	4.5	No	31,326	STA50	7/22/1998	22.8	1.2	No	0
STA46	8/26/2011	21.7	3.6	No	1,028	STA50	8/5/1998	23.2	1.8	No	0
STA46	9/12/2011	19.6	3.6	No	1,487	STA50	8/21/1998	21.2	1.4	No	0
STA50	6/8/1994			No	0	STA50	9/9/1998	17.2	1.4	No	10
STA50	6/30/1994			No	0	STA50	9/25/1998	14.1	1.3	No	0
STA50	7/11/1994	24.5	2.6	No	0	STA50	4/21/1999	8	2	No	0
STA50	7/26/1994	24.2		No	0	STA50	6/3/1999	18.2	1.8	No	0
STA50	8/24/1994	20		No	0	STA50	6/17/1999	19.5	2.2	No	0
STA50	9/7/1994	16		No	22	STA50	7/12/1999	19.2	1.1	No	0
STA50	9/19/1994	16		No	0	STA50	7/26/1999	21.6	0.7	No	0

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA50	8/6/1999	20.3	0.6	No	0	STA50	6/10/2004	18.1	1.8	No	0
STA50	8/20/1999	24	0.8	No	0	STA50	6/30/2004	20.6	2.1	No	10
STA50	9/1/1999	22	1.3	No	0	STA50	7/21/2004	25.1	1.2	No	65
STA50	9/21/1999	17	1	No	0	STA50	8/9/2004	21.6	0.8	No	0
STA50	10/5/1999	14	2.2	No	0	STA50	8/24/2004	19.2	0.7	No	0
STA50	5/1/2000	8	1.1	No	0	STA50	9/8/2004	19.8	1	No	20
STA50	5/29/2000	16	1.5	No	0	STA50	9/22/2004	18.1	1	No	53
STA50	6/13/2000	16.2	2.5	No	0	STA50	10/1/2004	17.2	1.1	No	0
STA50	6/26/2000	21.8	2.3	No	5	STA50	10/20/2004	10.3	1.6	No	0
STA50	7/12/2000	22.1	3.2	No	0	STA50	5/18/2005	13.6	1.8	No	0
STA50	7/26/2000	24.8	2.3	No	326	STA50	6/6/2005	21.1	2.4	No	0
STA50	8/8/2000	22.8	1.9	No	0	STA50	6/21/2005	20.4	1.6	No	55
STA50	8/25/2000	20.2	3.7	No	5	STA50	7/5/2005	23.9	1.6	No	352
STA50	9/13/2000	21		Yes	0	STA50	7/18/2005	25.7	1.5	No	477
STA50	10/3/2000	14.5	1.5	No	0	STA50	7/28/2005	24.1	0.9	No	1,313
STA50	5/8/2001	14.3	1.6	No	0	STA50	8/11/2005	25.6	0.9	No	670
STA50	5/25/2001	18	2.2	No	0	STA50	8/22/2005	22.9	0.8	No	0
STA50	6/12/2001	20	2.4	No	0	STA50	9/2/2005	22.2	1.3	No	921
STA50	6/26/2001	23.8	3.1	No	25	STA50	9/27/2005	17.4	1.4	No	0
STA50	7/26/2001	24.3	2.6	No	0	STA50	10/28/2005	7	1.6	No	0
STA50	8/6/2001	26.2	2.7	No	30	STA50	5/23/2006	11.2	0.2	No	0
STA50	8/23/2001	23.8	1.3	No	0	STA50	6/7/2006	20	2	No	5
STA50	9/11/2001	20.4	2.1	No	15	STA50	6/23/2006	21.3	1.7	No	25
STA50	9/27/2001	19	1.9	No	0	STA50	7/25/2006	24.3	1.7	No	0
STA50	5/30/2002	15.8	1.9	No	0	STA50	8/8/2006	24.1	2	No	105
STA50	7/1/2002	22.1	1.6	No	0	STA50	8/24/2006	21.7	2.3	No	611
STA50	7/16/2002	22.1	2	No	0	STA50	9/7/2006	19.3	1.4	No	216
STA50	8/8/2002	22.2	1.9	No	55	STA50	9/22/2006		1.1	No	0
STA50	8/21/2002	24	2.3	No	342	STA50	5/11/2007	14		No	0
STA50	10/3/2002	14.6	1	No	0	STA50	5/29/2007	16.8	1.4	No	5
STA50	5/16/2003	14.5	1.5	No	0	STA50	6/13/2007	22.1	1.6	No	0
STA50	5/28/2003	17.7	2	No	0	STA50	7/2/2007	20.5	2.2	No	653
STA50	6/12/2003	19.3	2.2	No	0	STA50	7/18/2007	22.4	1.9	No	100
STA50	6/24/2003	23	2.7	No	0	STA50	8/13/2007	0	1.7	No	246
STA50	7/8/2003	25.4	2.1	No	9	STA50	8/29/2007	21.9	1.9	No	45
STA50	7/22/2003	22.7	1.3	No	79	STA50	9/18/2007	17.2	2.5	No	25
STA50	8/7/2003	24.7	1.4	No	401	STA50	5/16/2008		2.4	No	0
STA50	8/28/2003	20.1	1	No	0	STA50	5/30/2008	15.7	2.3	No	0
STA50	9/27/2003	17.4	1.4	No	0	STA50	6/13/2008		2	No	35
STA50	10/14/2003	13.3	1.9	No	0	STA50	6/25/2008	21.4	1.2	No	0
STA50	5/14/2004	15.8	2.5	No	0	STA50	7/15/2008	23	2.3	No	0

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
STA50	8/6/2008		1.7	No	392	STA51	5/16/2008		2	No	0
STA50	8/20/2008			No	0	STA51	5/30/2008	16.4	2.5	No	0
STA50	9/4/2008	22.5	1.2	No	0	STA51	6/13/2008	22.1	1.5	No	1,074
STA50	9/17/2008		1.3	No	0	STA51	6/25/2008	21.7	1.2	No	0
STA50	5/18/2009		0.8	No	0	STA51	7/15/2008	23.5	1.8	No	0
STA50	6/2/2009		1.2	No	0	STA51	8/6/2008		1.1	No	633
STA50	6/17/2009		1.7	No	129	STA51	8/20/2008		2	No	105
STA50	7/9/2009	20.5	2	No	0	STA51	9/6/2008		1.4	No	0
STA50	7/28/2009	23.2	1.6	No	231	STA51	9/17/2008		1.1	No	0
STA50	8/11/2009		1.3	No	753	STA51	5/18/2009		1.8	No	0
STA50	9/1/2009		1.8	No	2,210	STA51	6/2/2009	15.1	1	No	516
STA50	9/17/2009		3.4	No	814	STA51	6/17/2009		3.5	No	791
STA50	5/18/2010	16.2	1.3	No	0	STA51	7/9/2009		1.6	No	0
STA50	6/2/2010	20.3	1.6	No	0	STA51	7/28/2009	23.1	1	No	110
STA50	6/25/2010	22.4	2.6	No	31,100	STA51	8/11/2009		1.3	No	586
STA50	7/14/2010	26.1	2	No	167	STA51	9/1/2009		1.2	No	2,387
STA50	7/29/2010	23.9	1.2	No	1,239	STA51	9/17/2009		1.9	No	848
STA50	8/11/2010	22.6	1.2	No	5,391	STA51	5/18/2010	15	1.2	No	0
STA50	8/24/2010	21.8	0.6	No	0	STA51	6/2/2010	20.7	1.8	No	66
STA50	9/8/2010	20.6	1	No	0	STA51	6/25/2010	22.5	2	No	28,110
STA50	5/12/2011	13.3	0.7	No	0	STA51	7/14/2010	26.6	3	No	0
STA50	6/8/2011	20.2	1.6	No	958	STA51	7/29/2010	23.8	1	No	2,592
STA50	6/22/2011	22.4	1.7	No	16,993	STA51	8/11/2010	22.5	1	No	4,253
STA50	7/8/2011	23.5	2	No	5,860	STA51	8/24/2010	21.8	0.7	No	1,005
STA50	7/20/2011	24.9	1.9	No	2,093	STA51	9/8/2010	20.7	2.2	No	0
STA50	8/12/2011	23.4	2	No	5,853	STA51	5/12/2011	13.3	0.6	No	0
STA50	8/26/2011	21.2	1.5	No	3,425	STA51	6/22/2011	22.3	1.4	No	22,736
STA50	9/12/2011	19.4	1	No	0	STA51	7/8/2011	23.5	2.2	No	5,010
STA51	5/23/2006	11.7	0.3	No	0	STA51	8/12/2011	23.5	1.5	No	12,992
STA51	6/7/2006	18.7	2.4	No	0	STA51	8/26/2011	21.2	1.1	No	0
STA51	6/23/2006	20.7	1.8	No	26	STA51	9/12/2011	19.7	0.9	No	251
STA51	7/25/2006	24.3	1.4	No	0	WILL	5/28/1997	10.5	3.7	No	0
STA51	8/8/2006	24.2	1.8	No	482	WILL	6/9/1997	17.5	2.7	No	2
STA51	8/24/2006	21.7	1.6	No	0	WILL	6/24/1997	16		Yes	20
STA51	9/7/2006	19.3	1.2	No	0	WILL	7/11/1997	19.6		Yes	452
STA51	9/22/2006	17.3	0.8	No	0	WILL	7/30/1997	19.6		Yes	260
STA51	5/29/2007			No	0	WILL	8/12/1997	20.5		Yes	1,456
STA51	6/13/2007	21.6	1.6	No	0	WILL	9/8/1997	16.5		Yes	369
STA51	7/2/2007	0	2	No	251	WILL	10/7/1997	12.7		Yes	0
STA51	7/18/2007	22.8	1.5	No	241	WILL	5/28/1998	15.1		Yes	0
STA51	8/29/2007	22.1	1.7	No	527	WILL	6/10/1998	15.5		Yes	0

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Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)	Station	Date	Temp (C)	Secchi (m)	Secchi to bottom?	Density (N/m3)
WILL	6/24/1998	18.2		Yes	20						
WILL	7/16/1998	20		Yes	233						
WILL	7/30/1998	21		Yes	2,336						
WILL	8/11/1998	20.2		Yes	18						
WILL	8/28/1998	22.3		Yes	24						
WILL	9/18/1998	17.6		Yes	14						
WILL	10/6/1998	13.5		Yes	0						
WILL	5/12/1999	7.5		No	0						
WILL	6/4/1999	11.5	4	No	0						
WILL	6/21/1999	16.5	6	No	552						
WILL	7/16/1999	17.6	6.2	No	463						
WILL	7/28/1999	21.5	7.5	No	5,635						
WILL	8/10/1999	18.5	5.3	No	1,248						
WILL	8/24/1999	21	5	No	180						
WILL	9/9/1999	20	7.4	No	5						
WILL	9/28/1999	16	7.5	No	0						
WILL	5/5/2000	7	5	No	0						
WILL	6/1/2000	12	4.2	No	33						
WILL	6/16/2000	7.2	7	No	0						
WILL	6/29/2000	16.2	5.9	No	17						
WILL	7/13/2000	20.2	5.5	No	3,336						
WILL	7/31/2000	20.1	4.6	No	16,082						
WILL	8/15/2000	23	9	No	4,181						
WILL	8/31/2000	20.3	7	No	242						
WILL	9/20/2000	18	7.6	No	77						
WILL	5/11/2001	13.3	6.3	No	0						
WILL	6/5/2001	11.2	3.9	No	0						
WILL	6/18/2001	17.2	5.7	No	221						
WILL	7/3/2001	19	4.8	No	5,904						
WILL	7/16/2001	20.7	7	No	7,258						
WILL	8/1/2001	23.3	6.3	No	964						
WILL	8/20/2001	22.9	5.7	No	116						
WILL	9/6/2001	19.6	5.8	No	181						
WILL	5/28/2002	11.6	5.4	No	0						
WILL	6/19/2002	14.1	5.7	No	18						
WILL	7/3/2002	21.8	4	No	923						
WILL	7/19/2002	19.5	5.6	No	491						
WILL	8/12/2002	20.8	7	No	226						
WILL	8/28/2002	20.4	6.6	No	104						