



## SQUAM LAKES ASSOCIATION BOAT COUNT DATA: 1988–2018

The Squam Lakes Association has studied boating use on Squam since 1988. From 1988–2014 & 2018 boat counts were carried out through a volunteer–driven on–the–water boat censuses. During the 2014–2017 period, aerial surveys were conducted and analyzed by SLA staff members. Data for all years follows. For boat protocol information, maps, or for other information, please visit the SLA website: [www.squamlakes.org](http://www.squamlakes.org).

### Survey Areas:

**AREA 1:** Sandwich Bay to a line connecting Long Point to Brown Point

**AREA 2:** Bear, Rattlesnake and Squaw Coves

**AREA 3:** The “Broads” bounded on the east by the Long Point–Brown Point line, on the west by a line running from Pinehurst/True Cove to Utopia Island and on the south by a line connecting Long Island to Harvard Point.

**AREA 4:** Bounded on the east by the Pinehurst/True Cove to Utopia Island line and on the west by a line connecting Willoughby Point to Utopia Island.

**AREA 5:** Bounded on the east by a line connecting Willoughby Point to Utopia Island and on the south by a line connecting Long Island to Mooney Point.

**AREA 6:** Moultonborough Bay bounded on the north by a line connecting Long Island to Harvard Point and on the west by a line connecting High Haith to Long Island.

**AREA 7:** Sturtevant Bay bounded on the east on the south by a line connecting Long Island to Harvard Point and on the west by a line connecting Long Island to Kimball Island to Center Harbor Neck.

**AREA 8:** Bounded on the east by a line connecting Long Island to Kimball Island to Center Harbor Neck, on the west by a line connecting Great Island to Mooney Point and on the north by a line connecting Long Island to Mooney Point.

**AREA 9:** Dog Cove north to a line connecting Great Island to Center Harbor Neck and west to a line connecting NEFF and Great Island.

**AREA 10:** Bounded on the east by a line connecting NEFF and Great Island, the northeast by a line from Great Island to Mooney Point and the northwest by a line from Sunset Point to Mooney Point.

**AREA 11:** Bounded on the east by a line connecting Sunset Point to Mooney Point and on the west by the beginning of the Squam Channel.

**AREA 12A:** Bounded on the east at the beginning of the Squam Channel through to the Ashland–Holderness town line across Little Squam Lake.

**AREA 12B:** Bounded by the east from the Ashland–Holderness town line across Little Squam Lake.

**AREA 13:** The Squam River leading through the covered bridge and ending at the main dam.

Code	Weather Condition
C	Cloudy
F	Fair
S	Sunny
W	Windy
R	Rain

534 US Route 3 Holderness, NH 03245

(603)–968–7336 [www.squamlakes.org](http://www.squamlakes.org) [info@squamlakes.org](mailto:info@squamlakes.org)

Area	Date	Day	Time	Type	Temp	Cond	Human Powered Boats	Sailboats	Motorboats, 25 HP or less	Motorboats, greater than 25HP	All motorboats (aerial surveys only)	pontoon (also counted as motorboats)	personal water craft (also counted as motorboats)	electric (also counted as motorboats)	Seaplanes	Total	Survey type
1	7/2/1988	Saturday	15:00	Active	64	R,W	8	1	2	2					---	13	volunteer, on the water
2	7/2/1988	Saturday	15:00	Active	64	R,W			1	6					---	7	volunteer, on the water
3	7/2/1988	Saturday	15:00	Active	64	R,W			1	4					---	5	volunteer, on the water
4	7/2/1988	Saturday	15:00	Active	64	R,W		1	3	7					---	11	volunteer, on the water
5	7/2/1988	Saturday	15:00	Active	64	R,W			7	9					---	16	volunteer, on the water
6	7/2/1988	Saturday	15:00	Active	64	R,W	1	1	1	2					---	5	volunteer, on the water
7	7/2/1988	Saturday	15:00	Active	64	R,W		1	2	9					---	12	volunteer, on the water
8	7/2/1988	Saturday	15:00	Active	64	R,W	1	0	5	17					---	23	volunteer, on the water
9	7/2/1988	Saturday	15:00	Active	64	R,W	2	1	3						---	6	volunteer, on the water
10	7/2/1988	Saturday	15:00	Active	64	R,W			3	3					---	6	volunteer, on the water
11	7/2/1988	Saturday	15:00	Active	64	R,W	2	4	1	17					---	24	volunteer, on the water
12	7/2/1988	Saturday	15:00	Active	64	R,W			1	14					---	15	volunteer, on the water
Total	7/2/1988	Saturday	15:00	Active	64	R,W	14	9	30	90					---	143	volunteer, on the water
1	7/3/1988	Sunday	15:00	Active	80	F	8	3	8	15			1		---	35	volunteer, on the water
2	7/3/1988	Sunday	15:00	Active	80	F	3		6	24					---	33	volunteer, on the water
3	7/3/1988	Sunday	15:00	Active	80	F	3	2	1	12					---	18	volunteer, on the water
4	7/3/1988	Sunday	15:00	Active	80	F	11	6	4	15					---	36	volunteer, on the water
5	7/3/1988	Sunday	15:00	Active	80	F	1		4	22					---	27	volunteer, on the water
6	7/3/1988	Sunday	15:00	Active	80	F	5		1	7					---	13	volunteer, on the water
7	7/3/1988	Sunday	15:00	Active	80	F	3	4	2	8					---	17	volunteer, on the water
8	7/3/1988	Sunday	15:00	Active	80	F	4	3	19	52					---	78	volunteer, on the water
9	7/3/1988	Sunday	15:00	Active	80	F	3	6	3	10					---	22	volunteer, on the water
10	7/3/1988	Sunday	15:00	Active	80	F	3	3	1	5					---	12	volunteer, on the water
11	7/3/1988	Sunday	15:00	Active	80	F	8	4	2	21					---	35	volunteer, on the water
12	7/3/1988	Sunday	15:00	Active	80	F	3	2	4	27			1		---	37	volunteer, on the water
Total	7/3/1988	Sunday	15:00	Active	80	F	55	33	55	218			2		---	363	volunteer, on the water
1	7/13/1988	Saturday	15:00	Active	90	S		5	3	8					---	16	volunteer, on the water
2	7/13/1988	Saturday	15:00	Active	90	S	5		1	22					---	28	volunteer, on the water
3	7/13/1988	Saturday	15:00	Active	90	S	1	4	2	10					---	17	volunteer, on the water
4	7/13/1988	Saturday	15:00	Active	90	S		2		8					---	10	volunteer, on the water
5	7/13/1988	Saturday	15:00	Active	90	S	1	3	1	23					---	28	volunteer, on the water
6	7/13/1988	Saturday	15:00	Active	90	S		1	2	2					---	5	volunteer, on the water
7	7/13/1988	Saturday	15:00	Active	90	S	1	1		6					---	8	volunteer, on the water
8	7/13/1988	Saturday	15:00	Active	90	S	4	4	2	36					---	46	volunteer, on the water
9	7/13/1988	Saturday	15:00	Active	90	S	2	2	2	10			1		---	17	volunteer, on the water
10	7/13/1988	Saturday	15:00	Active	90	S	4	4		14					---	22	volunteer, on the water
11	7/13/1988	Saturday	15:00	Active	90	S	4	3	2	20					---	29	volunteer, on the water
12	7/13/1988	Saturday	15:00	Active	90	S	1	2	3	34					---	40	volunteer, on the water
Total	7/13/1988	Saturday	15:00	Active	90	S	23	31	18	193			1		---	266	volunteer, on the water
1	7/14/1988	Sunday	15:00	Active	87	C	2	2	2	15					---	21	volunteer, on the water
2	7/14/1988	Sunday	15:00	Active	87	C	8		3	17					---	28	volunteer, on the water
3	7/14/1988	Sunday	15:00	Active	87	C	1		6	8					---	15	volunteer, on the water
4	7/14/1988	Sunday	15:00	Active	87	C	1		4	12					---	17	volunteer, on the water
5	7/14/1988	Sunday	15:00	Active	87	C				13					---	13	volunteer, on the water
6	7/14/1988	Sunday	15:00	Active	87	C	2		1	2					---	5	volunteer, on the water
7	7/14/1988	Sunday	15:00	Active	87	C		3	1	7					---	11	volunteer, on the water
8	7/14/1988	Sunday	15:00	Active	87	C	2	6	2	43					---	53	volunteer, on the water
9	7/14/1988	Sunday	15:00	Active	87	C	2	2		16					---	20	volunteer, on the water
10	7/14/1988	Sunday	15:00	Active	87	C	7	4	1	14					---	26	volunteer, on the water
11	7/14/1988	Sunday	15:00	Active	87	C	5	12	1	17					---	35	volunteer, on the water
12	7/14/1988	Sunday	15:00	Active	87	C	12	3	4	29					---	48	volunteer, on the water
Total	7/14/1988	Sunday	15:00	Active	87	C	42	32	25	193					---	292	volunteer, on the water
1	8/16/1988	Tuesday	8:00	Static			67	66	33	65					---	231	volunteer, on the water
2	8/16/1988	Tuesday	8:00	Static			30	14	10	17					---	71	volunteer, on the water
3	8/16/1988	Tuesday	8:00	Static				2	24	1					---	27	volunteer, on the water
4	8/16/1988	Tuesday	8:00	Static			83	51	22	30					---	186	volunteer, on the water
5	8/16/1988	Tuesday	8:00	Static			34	29	13	38					---	114	volunteer, on the water
6	8/16/1988	Tuesday	8:00	Static			51	30	17	30					---	128	volunteer, on the water
7	8/16/1988	Tuesday	8:00	Static			19	13	6	26					---	64	volunteer, on the water
8	8/16/1988	Tuesday	8:00	Static			24	14	5	20					---	63	volunteer, on the water
9	8/16/1988	Tuesday	8:00	Static			36	37	6	47					---	126	volunteer, on the water
10	8/16/1988	Tuesday	8:00	Static			24	26	2	35					---	87	volunteer, on the water
11	8/16/1988	Tuesday	8:00	Static			100	97	37	164					---	398	volunteer, on the water
12	8/16/1988	Tuesday	8:00	Static			89	41	43	500			1		---	674	volunteer, on the water
Total	8/16/1988	Tuesday	8:00	Static			557	420	218	973			1		---	2169	volunteer, on the water
1	7/14/1990	Saturday	15:00	Active			3	4	8	1					---	16	volunteer, on the water
2	7/14/1990	Saturday	15:00	Active			6	1		17			3		---	27	volunteer, on the water
3	7/14/1990	Saturday	15:00	Active			1	2	5	9			1		---	18	volunteer, on the water
4	7/14/1990	Saturday	15:00	Active			1	6	3	19			1		---	30	volunteer, on the water
5	7/14/1990	Saturday	15:00	Active			1		2	17			1		---	21	volunteer, on the water
6	7/14/1990	Saturday	15:00	Active			3			3					---	6	volunteer, on the water
7	7/14/1990	Saturday	15:00	Active			3	2	2	7					---	14	volunteer, on the water
8	7/14/1990	Saturday	15:00	Active				5	7	14			6		---	32	volunteer, on the water
9	7/14/1990	Saturday	15:00	Active			1	3	3	11					---	18	volunteer, on the water

Area	Date	Day	Time	Type	Temp	Cond	Human Powered Boats	Sailboats	Motorboats, 25 HP or less	Motorboats, greater than 25HP	All motorboats (aerial surveys only)	pontoon (also counted as motorboats)	personal water craft (also counted as motorboats)	electric (also counted as motorboats)	Seaplanes	Total	Survey type
10	7/14/1990	Saturday	15:00	Active				3	3	22					---	28	volunteer, on the water
11	7/14/1990	Saturday	15:00	Active			5	9	13	9		3			---	39	volunteer, on the water
12	7/14/1990	Saturday	15:00	Active					4	26		3			---	33	volunteer, on the water
Total	7/14/1990	Saturday	15:00	Active			24	35	50	155		18			---	282	volunteer, on the water
1	7/15/1990	Sunday	15:00	Active				2	4	7		1			---	14	volunteer, on the water
2	7/15/1990	Sunday	15:00	Active					5	23		1			---	29	volunteer, on the water
3	7/15/1990	Sunday	15:00	Active			1	2	5	8		1			---	17	volunteer, on the water
4	7/15/1990	Sunday	15:00	Active			3	5	9	24		2			---	43	volunteer, on the water
5	7/15/1990	Sunday	15:00	Active					4	13		1			---	18	volunteer, on the water
6	7/15/1990	Sunday	15:00	Active			1		2	1					---	4	volunteer, on the water
7	7/15/1990	Sunday	15:00	Active			4	2	1	8		1			---	16	volunteer, on the water
8	7/15/1990	Sunday	15:00	Active			1	9	5	9		2			---	26	volunteer, on the water
9	7/15/1990	Sunday	15:00	Active			1	1	2	8					---	12	volunteer, on the water
10	7/15/1990	Sunday	15:00	Active				1	2	10					---	13	volunteer, on the water
11	7/15/1990	Sunday	15:00	Active			10	3	6	19		1			---	39	volunteer, on the water
12	7/15/1990	Sunday	15:00	Active			6	3	17	62		4			---	92	volunteer, on the water
Total	7/15/1990	Sunday	15:00	Active			27	28	62	192		14			---	323	volunteer, on the water
1	8/11/1990	Saturday	15:00	Active	65	C,R	1		4	9					---	14	volunteer, on the water
2	8/11/1990	Saturday	15:00	Active	65	C,R			1	5					---	6	volunteer, on the water
3	8/11/1990	Saturday	15:00	Active	65	C,R			3	4					---	7	volunteer, on the water
4	8/11/1990	Saturday	15:00	Active	65	C,R	4	4	4	8					---	20	volunteer, on the water
5	8/11/1990	Saturday	15:00	Active	65	C,R	1		2	6					---	9	volunteer, on the water
6	8/11/1990	Saturday	15:00	Active	65	C,R	2			4					---	6	volunteer, on the water
7	8/11/1990	Saturday	15:00	Active	65	C,R				2					---	2	volunteer, on the water
8	8/11/1990	Saturday	15:00	Active	65	C,R	1	2	1	8		1			---	13	volunteer, on the water
9	8/11/1990	Saturday	15:00	Active	65	C,R	3		1	4					---	8	volunteer, on the water
10	8/11/1990	Saturday	15:00	Active	65	C,R	1	1	2	8					---	12	volunteer, on the water
11	8/11/1990	Saturday	15:00	Active	65	C,R	2		4	9		1			---	16	volunteer, on the water
12	8/11/1990	Saturday	15:00	Active	65	C,R			1	5					---	6	volunteer, on the water
Total	8/11/1990	Saturday	15:00	Active	65	C,R	15	7	23	72		2			---	119	volunteer, on the water
1	8/12/1990	Sunday	15:00	Active	75	F	1	5	3	17		1			---	27	volunteer, on the water
2	8/12/1990	Sunday	15:00	Active	75	F	1		3	31		5			---	40	volunteer, on the water
3	8/12/1990	Sunday	15:00	Active	75	F	1	12	5	13		3			---	34	volunteer, on the water
4	8/12/1990	Sunday	15:00	Active	75	F	3	7	4	14					---	28	volunteer, on the water
5	8/12/1990	Sunday	15:00	Active	75	F	1	3	3	18		2			---	27	volunteer, on the water
6	8/12/1990	Sunday	15:00	Active	75	F	1	1		3		1			---	6	volunteer, on the water
7	8/12/1990	Sunday	15:00	Active	75	F		1		4					---	5	volunteer, on the water
8	8/12/1990	Sunday	15:00	Active	75	F	2	13	2	14		1			---	32	volunteer, on the water
9	8/12/1990	Sunday	15:00	Active	75	F	1	1	6	7		2			---	17	volunteer, on the water
10	8/12/1990	Sunday	15:00	Active	75	F	2	5	1	11		1			---	20	volunteer, on the water
11	8/12/1990	Sunday	15:00	Active	75	F	4	7	3	18		2			---	34	volunteer, on the water
12	8/12/1990	Sunday	15:00	Active	75	F		7	12	86		3			---	108	volunteer, on the water
Total	8/14/1994	Monday	8:00	Static			578	317	226	1190					---	2311	volunteer, on the water
1	9/3/1994	Saturday	15:00	Active	60	W	2	1	2	3					---	8	volunteer, on the water
2	9/3/1994	Saturday	15:00	Active	60	W	1		5	14		6			---	26	volunteer, on the water
3	9/3/1994	Saturday	15:00	Active	60	W	4	4		10		2			---	20	volunteer, on the water
4	9/3/1994	Saturday	15:00	Active	60	W	11	3	3	7		2			---	26	volunteer, on the water
5	9/3/1994	Saturday	15:00	Active	60	W		1	1	18		3			---	23	volunteer, on the water
6	9/3/1994	Saturday	15:00	Active	60	W		1		2					---	3	volunteer, on the water
7	9/3/1994	Saturday	15:00	Active	60	W	1	4	3	12		1			---	21	volunteer, on the water
8	9/3/1994	Saturday	15:00	Active	60	W	2	5	2	18		1			---	28	volunteer, on the water
9	9/3/1994	Saturday	15:00	Active	60	W	1	7	8	20		3			---	39	volunteer, on the water
10	9/3/1994	Saturday	15:00	Active	60	W		1	2	6					---	9	volunteer, on the water
11	9/3/1994	Saturday	15:00	Active	60	W		2	1	7		1			---	11	volunteer, on the water
12	9/3/1994	Saturday	15:00	Active	60	W	3			30		3			---	36	volunteer, on the water
Total	9/3/1994	Saturday	15:00	Active	60	W	25	29	27	147		22			---	250	volunteer, on the water
1	9/4/1994	Sunday	15:00	Active	60	W	5	1	2	3					---	11	volunteer, on the water
2	9/4/1994	Sunday	15:00	Active	60	W	1	1	4	15		3			---	24	volunteer, on the water
3	9/4/1994	Sunday	15:00	Active	60	W	3	4	2	6		1			---	16	volunteer, on the water
4	9/4/1994	Sunday	15:00	Active	60	W	12	4	6	9		1			---	32	volunteer, on the water
5	9/4/1994	Sunday	15:00	Active	60	W			2	6		1			---	9	volunteer, on the water
6	9/4/1994	Sunday	15:00	Active	60	W		1	1						---	2	volunteer, on the water
7	9/4/1994	Sunday	15:00	Active	60	W	2	3	1	4		1			---	11	volunteer, on the water
8	9/4/1994	Sunday	15:00	Active	60	W	5	9	2	15		2			---	33	volunteer, on the water
9	9/4/1994	Sunday	15:00	Active	60	W	2	3	1	14		3			---	23	volunteer, on the water
10	9/4/1994	Sunday	15:00	Active	60	W		2		5					---	7	volunteer, on the water
11	9/4/1994	Sunday	15:00	Active	60	W		2	2	7		2			---	13	volunteer, on the water
12	9/4/1994	Sunday	15:00	Active	60	W	3		3	26		9			---	41	volunteer, on the water
Total	9/4/1994	Sunday	15:00	Active	60	W	33	30	26	110		23			---	222	volunteer, on the water
1	8/12/1995	Saturday	15:00	Active	80	S,C	3	9	1	15		1			---	29	volunteer, on the water
2	8/12/1995	Saturday	15:00	Active	80	S,C		3	5	22		4			---	34	volunteer, on the water
3	8/12/1995	Saturday	15:00	Active	80	S,C		8	2	37		5			---	52	volunteer, on the water
4	8/12/1995	Saturday	15:00	Active	80	S,C	4	11	7	14		3			---	39	volunteer, on the water
5	8/12/1995	Saturday	15:00	Active	80	S,C		2	2	5		2			---	11	volunteer, on the water
6	8/12/1995	Saturday	15:00	Active	80	S,C	3			2					---	5	volunteer, on the water

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7	8/12/1995	Saturday	15:00	Active	80	S,C	1	2		14		1			---	18	volunteer, on the water
8	8/12/1995	Saturday	15:00	Active	80	S,C		12	19	55		3			---	89	volunteer, on the water
9	8/12/1995	Saturday	15:00	Active	80	S,C	4	6	5	23		2			---	40	volunteer, on the water
10	8/12/1995	Saturday	15:00	Active	80	S,C	1	2		14		1			---	18	volunteer, on the water
11	8/12/1995	Saturday	15:00	Active	80	S,C	1	4	3	4		2			---	14	volunteer, on the water
12	8/12/1995	Saturday	15:00	Active	80	S,C	6	1	3	54		10			---	74	volunteer, on the water
Total	8/12/1995	Saturday	15:00	Active	80	S,C	23	60	47	259		34			---	423	volunteer, on the water
1	8/13/1995	Sunday	15:00	Active	80	S,W	2	3	4	14					---	23	volunteer, on the water
2	8/13/1995	Sunday	15:00	Active	80	S,W	4		4	15					---	23	volunteer, on the water
3	8/13/1995	Sunday	15:00	Active	80	S,W			2	41					---	43	volunteer, on the water
4	8/13/1995	Sunday	15:00	Active	80	S,W	5	2	5	19		5			---	36	volunteer, on the water
5	8/13/1995	Sunday	15:00	Active	80	S,W		1	1	4					---	6	volunteer, on the water
6	8/13/1995	Sunday	15:00	Active	80	S,W	3			2					---	5	volunteer, on the water
7	8/13/1995	Sunday	15:00	Active	80	S,W	2	2		14					---	18	volunteer, on the water
8	8/13/1995	Sunday	15:00	Active	80	S,W	5	12	5	27		3			---	52	volunteer, on the water
9	8/13/1995	Sunday	15:00	Active	80	S,W	2	2	5	12		4			---	25	volunteer, on the water
10	8/13/1995	Sunday	15:00	Active	80	S,W				6		1			---	7	volunteer, on the water
11	8/13/1995	Sunday	15:00	Active	80	S,W	1	4	5	7		4			---	21	volunteer, on the water
12	8/13/1995	Sunday	15:00	Active	80	S,W	1		3	27		2			---	33	volunteer, on the water
Total	8/13/1995	Sunday	15:00	Active	80	S,W	25	26	34	188		19			---	292	volunteer, on the water
1	8/24/1996	Saturday	15:00	Active	75	S,C	2			6					---	8	volunteer, on the water
2	8/24/1996	Saturday	15:00	Active	75	S,C	5		1	13					---	19	volunteer, on the water
3	8/24/1996	Saturday	15:00	Active	75	S,C	13		1	12		3			---	29	volunteer, on the water
4	8/24/1996	Saturday	15:00	Active	75	S,C	3	3	2	4		1			---	13	volunteer, on the water
5	8/24/1996	Saturday	15:00	Active	75	S,C				3		3			---	6	volunteer, on the water
6	8/24/1996	Saturday	15:00	Active	75	S,C	1								---	1	volunteer, on the water
7	8/24/1996	Saturday	15:00	Active	75	S,C	1			4		1			---	6	volunteer, on the water
8	8/24/1996	Saturday	15:00	Active	75	S,C		9		13		1			---	23	volunteer, on the water
9	8/24/1996	Saturday	15:00	Active	75	S,C			1	15		2			---	18	volunteer, on the water
10	8/24/1996	Saturday	15:00	Active	75	S,C				6		1			---	7	volunteer, on the water
11	8/24/1996	Saturday	15:00	Active	75	S,C	2	2	4	7		1	1		---	17	volunteer, on the water
12	8/24/1996	Saturday	15:00	Active	75	S,C	3			26		9			---	38	volunteer, on the water
Total	8/24/1996	Saturday	15:00	Active	75	S,C	30	14	9	109		22			---	184	volunteer, on the water
1	8/25/1996	Sunday	15:00	Active	75	S,W	1	2	3	6					---	12	volunteer, on the water
2	8/25/1996	Sunday	15:00	Active	75	S,W	4	1	4	46		5			---	60	volunteer, on the water
3	8/25/1996	Sunday	15:00	Active	75	S,W	3	3	4	12		5			---	27	volunteer, on the water
4	8/25/1996	Sunday	15:00	Active	75	S,W	2	3	1	9		2			---	17	volunteer, on the water
5	8/25/1996	Sunday	15:00	Active	75	S,W	1			5					---	6	volunteer, on the water
6	8/25/1996	Sunday	15:00	Active	75	S,W			1	3					---	4	volunteer, on the water
7	8/25/1996	Sunday	15:00	Active	75	S,W		2		9		1			---	12	volunteer, on the water
8	8/25/1996	Sunday	15:00	Active	75	S,W	3	16	15	4					---	38	volunteer, on the water
9	8/25/1996	Sunday	15:00	Active	75	S,W	3	3	4	22		5			---	37	volunteer, on the water
10	8/25/1996	Sunday	15:00	Active	75	S,W	1	1	2	5			1		---	10	volunteer, on the water
11	8/25/1996	Sunday	15:00	Active	75	S,W	4	6	3	13		1	1		---	24	volunteer, on the water
12	8/25/1996	Sunday	15:00	Active	75	S,W	8	4	4	38		4			---	58	volunteer, on the water
Total	8/25/1996	Sunday	15:00	Active	75	S,W	30	41	41	172		23	2		---	309	volunteer, on the water
1	8/9/1997	Saturday	15:00	Active	70	C	1	2	2	8					---	13	volunteer, on the water
2	8/9/1997	Saturday	15:00	Active	70	C	12	1	5	40		8			---	66	volunteer, on the water
3	8/9/1997	Saturday	15:00	Active	70	C	5	20	3	22		1			---	51	volunteer, on the water
4	8/9/1997	Saturday	15:00	Active	70	C				10		1			---	11	volunteer, on the water
5	8/9/1997	Saturday	15:00	Active	70	C	2			4		2			---	8	volunteer, on the water
6	8/9/1997	Saturday	15:00	Active	70	C	9		1	11		1			---	22	volunteer, on the water
7	8/9/1997	Saturday	15:00	Active	70	C	8	2	1	8		2			---	21	volunteer, on the water
8	8/9/1997	Saturday	15:00	Active	70	C		2		13		3			---	18	volunteer, on the water
9	8/9/1997	Saturday	15:00	Active	70	C	13	4	2	26		5			---	50	volunteer, on the water
10	8/9/1997	Saturday	15:00	Active	70	C	2			12		3			---	17	volunteer, on the water
11	8/9/1997	Saturday	15:00	Active	70	C	1	3	1	11		4			---	20	volunteer, on the water
12	8/9/1997	Saturday	15:00	Active	70	C	1	4	3	26		7			---	41	volunteer, on the water
Total	8/9/1997	Saturday	15:00	Active	70	C	54	38	18	191		37	0		---	338	volunteer, on the water
1	8/10/1997	Sunday	15:00	Active	85	S	1	1	2	8					---	12	volunteer, on the water
2	8/10/1997	Sunday	15:00	Active	85	S	12	1	5	40		8			---	66	volunteer, on the water
3	8/10/1997	Sunday	15:00	Active	85	S	5	10	3	22		1			---	41	volunteer, on the water
4	8/10/1997	Sunday	15:00	Active	85	S				10		1			---	11	volunteer, on the water
5	8/10/1997	Sunday	15:00	Active	85	S	2			4		2			---	8	volunteer, on the water
6	8/10/1997	Sunday	15:00	Active	85	S	9		1	11		1			---	22	volunteer, on the water
7	8/10/1997	Sunday	15:00	Active	85	S	8	2	1	8		2			---	21	volunteer, on the water
8	8/10/1997	Sunday	15:00	Active	85	S		2		13		3			---	18	volunteer, on the water
9	8/10/1997	Sunday	15:00	Active	85	S	13	4	2	26		5			---	50	volunteer, on the water
10	8/10/1997	Sunday	15:00	Active	85	S	2			12		3			---	17	volunteer, on the water
11	8/10/1997	Sunday	15:00	Active	85	S	1	3	1	11		4			---	20	volunteer, on the water
12	8/10/1997	Sunday	15:00	Active	85	S	1	4	3	26		7			---	41	volunteer, on the water
Total	8/10/1997	Sunday	15:00	Active	85	S	54	27	18	191		37			---	327	volunteer, on the water
Total	8/22/1997	Friday	8:00	Static			756	332	310	1009					---	2407	volunteer, on the water
1	8/15/1998	Saturday	8:00	Static			90	40	30	73					---	233	volunteer, on the water
2	8/15/1998	Saturday	8:00	Static			46	14	14	16			1		---	91	volunteer, on the water

Area	Date	Day	Time	Type	Temp	Cond	Human Powered Boats	Sailboats	Motorboats, 25 HP or less	Motorboats, greater than 25HP	All motorboats (aerial surveys only)	pontoon (also counted as motorboats)	personal water craft (also counted as motorboats)	electric (also counted as motorboats)	Seaplanes	Total	Survey type
3	8/15/1998	Saturday	8:00	Static			27	13	7	19					---	66	volunteer, on the water
4	8/15/1998	Saturday	8:00	Static			87	59	36	47				2	---	231	volunteer, on the water
5	8/15/1998	Saturday	8:00	Static			21	9	8	24					---	62	volunteer, on the water
6	8/15/1998	Saturday	8:00	Static			47	20	12	35					---	114	volunteer, on the water
7	8/15/1998	Saturday	8:00	Static			39	32	15	44				1	---	131	volunteer, on the water
8	8/15/1998	Saturday	8:00	Static			10	4	3	11					---	28	volunteer, on the water
9	8/15/1998	Saturday	8:00	Static			50	64	28	37				1	---	180	volunteer, on the water
10	8/15/1998	Saturday	8:00	Static			103	37	10	43					---	193	volunteer, on the water
11	8/15/1998	Saturday	8:00	Static			115	67	31	136					---	349	volunteer, on the water
12	8/15/1998	Saturday	8:00	Static			136	40	71	457				2	---	706	volunteer, on the water
Total	8/15/1998	Saturday	8:00	Static			771	399	265	942		0	0	7	---	2384	volunteer, on the water
1	8/16/1998	Sunday	15:00	Active	80	S		3	1	8			1		---	13	volunteer, on the water
2	8/16/1998	Sunday	15:00	Active	80	S	10	2	2	30					---	44	volunteer, on the water
3	8/16/1998	Sunday	15:00	Active	80	S	3	6	3	33			2		---	47	volunteer, on the water
4	8/16/1998	Sunday	15:00	Active	80	S	7	3	3	20					---	33	volunteer, on the water
5	8/16/1998	Sunday	15:00	Active	80	S	6	2	1	19					---	28	volunteer, on the water
6	8/16/1998	Sunday	15:00	Active	80	S		2	1	9				1	---	13	volunteer, on the water
7	8/16/1998	Sunday	15:00	Active	80	S	7	6	11	3				1	---	28	volunteer, on the water
8	8/16/1998	Sunday	15:00	Active	80	S		5	3	27				1	---	36	volunteer, on the water
9	8/16/1998	Sunday	15:00	Active	80	S	2	5	1	10					---	18	volunteer, on the water
10	8/16/1998	Sunday	15:00	Active	80	S	1	2	5	20					---	28	volunteer, on the water
11	8/16/1998	Sunday	15:00	Active	80	S	5	12	3	23					---	43	volunteer, on the water
12	8/16/1998	Sunday	15:00	Active	80	S	22	4	11	62				1	---	100	volunteer, on the water
Total	8/16/1998	Sunday	15:00	Active	80	S	63	52	45	264		0	3	4	---	431	volunteer, on the water
1	8/12/2000	Saturday	10:00	Static	65	C	19	30	24	52					---	125	volunteer, on the water
2	8/12/2000	Saturday	10:00	Static	65	C	45	15	6	21				1	---	88	volunteer, on the water
3	8/12/2000	Saturday	10:00	Static	65	C	13	12	3	13				1	---	42	volunteer, on the water
4	8/12/2000	Saturday	10:00	Static	65	C	99	46	39	20					---	204	volunteer, on the water
5	8/12/2000	Saturday	10:00	Static	65	C	6	13	1	13					---	33	volunteer, on the water
6	8/12/2000	Saturday	10:00	Static	65	C	50	22	11	40		5			---	128	volunteer, on the water
7	8/12/2000	Saturday	10:00	Static	65	C	32		10	40				2	---	84	volunteer, on the water
8	8/12/2000	Saturday	10:00	Static	65	C	5	6	3	19					---	33	volunteer, on the water
9	8/12/2000	Saturday	10:00	Static	65	C	52	31	24	40					---	147	volunteer, on the water
10	8/12/2000	Saturday	10:00	Static	65	C	39	26	6	23					---	94	volunteer, on the water
11	8/12/2000	Saturday	10:00	Static	65	C	169	87	30	157					---	443	volunteer, on the water
12	8/12/2000	Saturday	10:00	Static	65	C	175	18	72	497		109	1		---	872	volunteer, on the water
Total	8/12/2000	Saturday	10:00	Static	65	C	704	306	229	935		114	1	4	---	2293	volunteer, on the water
1	8/13/2000	Sunday	15:00	Active	70	S,C	6		8	28					---	42	volunteer, on the water
2	8/13/2000	Sunday	15:00	Active	70	S,C	5	1	2	8		3			---	19	volunteer, on the water
3	8/13/2000	Sunday	15:00	Active	70	S,C	10	4	2	18					---	34	volunteer, on the water
4	8/13/2000	Sunday	15:00	Active	70	S,C	9	3	7	18		4			---	41	volunteer, on the water
5	8/13/2000	Sunday	15:00	Active	70	S,C				8					---	8	volunteer, on the water
6	8/13/2000	Sunday	15:00	Active	70	S,C	1		2	8					---	11	volunteer, on the water
7	8/13/2000	Sunday	15:00	Active	70	S,C	1			3					---	4	volunteer, on the water
8	8/13/2000	Sunday	15:00	Active	70	S,C	13	3	7	29		17			---	69	volunteer, on the water
9	8/13/2000	Sunday	15:00	Active	70	S,C	3		3	9					---	15	volunteer, on the water
10	8/13/2000	Sunday	15:00	Active	70	S,C	8	15	2	26					---	51	volunteer, on the water
11	8/13/2000	Sunday	15:00	Active	70	S,C	17	4	1	26					---	48	volunteer, on the water
12	8/13/2000	Sunday	15:00	Active	70	S,C	3		7	32		4			---	46	volunteer, on the water
Total	8/13/2000	Sunday	15:00	Active	70	S,C	76	30	41	213		28			---	388	volunteer, on the water
1	8/20/2000	Sunday	15:00	Active	65	C	2	3	6	12		1			---	24	volunteer, on the water
2	8/20/2000	Sunday	15:00	Active	65	C				5					---	5	volunteer, on the water
3	8/20/2000	Sunday	15:00	Active	65	C	6	5	2	7					---	20	volunteer, on the water
4	8/20/2000	Sunday	15:00	Active	65	C	4	7	3	20		3			---	37	volunteer, on the water
5	8/20/2000	Sunday	15:00	Active	65	C	3	2	1	10					---	16	volunteer, on the water
6	8/20/2000	Sunday	15:00	Active	65	C		3		3					---	6	volunteer, on the water
7	8/20/2000	Sunday	15:00	Active	65	C			1	3					---	4	volunteer, on the water
8	8/20/2000	Sunday	15:00	Active	65	C		2	5	31		7			---	45	volunteer, on the water
9	8/20/2000	Sunday	15:00	Active	65	C	3	5	3	15					---	26	volunteer, on the water
10	8/20/2000	Sunday	15:00	Active	65	C	3	11		10					---	24	volunteer, on the water
11	8/20/2000	Sunday	15:00	Active	65	C	9	1		8					---	18	volunteer, on the water
12	8/20/2000	Sunday	15:00	Active	65	C	3		1	33		3			---	40	volunteer, on the water
Total	8/20/2000	Sunday	15:00	Active	65	C	33	39	22	157		14			---	265	volunteer, on the water
1	8/11/2001	Saturday	10:00	Static			48	36	41	60		4			---	189	volunteer, on the water
2	8/11/2001	Saturday	10:00	Static			53	20	32	12					---	117	volunteer, on the water
3	8/11/2001	Saturday	10:00	Static			27	19	6	13					---	65	volunteer, on the water
4	8/11/2001	Saturday	10:00	Static			84	37	18	34		1			---	174	volunteer, on the water
5	8/11/2001	Saturday	10:00	Static			30	10	16	7		3			---	66	volunteer, on the water
6	8/11/2001	Saturday	10:00	Static			92	21	17	28					---	158	volunteer, on the water
7	8/11/2001	Saturday	10:00	Static			34	13	15	37		1			---	100	volunteer, on the water
8	8/11/2001	Saturday	10:00	Static			9	4	2	1		1			---	17	volunteer, on the water
9	8/11/2001	Saturday	10:00	Static			83	31	6	47		5			---	172	volunteer, on the water
10	8/11/2001	Saturday	10:00	Static			100	36	54	11		2			---	203	volunteer, on the water
11	8/11/2001	Saturday	10:00	Static			32	32	23	84		10		1	---	182	volunteer, on the water
12a	8/11/2001	Saturday	10:00	Static			93	26	20	302		48			---	489	volunteer, on the water

Area	Date	Day	Time	Type	Temp	Cond	Human Powered Boats	Sailboats	Motorboats, 25 HP or less	Motorboats, greater than 25HP	All motorboats (aerial surveys only)	pontoon (also counted as motorboats)	personal water craft (also counted as motorboats)	electric (also counted as motorboats)	Seaplanes	Total	Survey type
12b	8/11/2001	Saturday	10:00	Static			55	2	29	152		54	4		---	296	volunteer, on the water
Total	8/11/2001	Saturday	10:00	Static			740	287	279	788		129	4	1	---	2228	volunteer, on the water
1	8/12/2001	Sunday	15:00	Active	75	C,W	2	3	3	6		1			---	15	volunteer, on the water
2	8/12/2001	Sunday	15:00	Active	75	C,W	3	2	8	1		2			---	16	volunteer, on the water
3	8/12/2001	Sunday	15:00	Active	75	C,W	10	9	4	27					---	50	volunteer, on the water
4	8/12/2001	Sunday	15:00	Active	75	C,W	10	7	9	3		3			---	32	volunteer, on the water
5	8/12/2001	Sunday	15:00	Active	75	C,W		2	4	26		4			---	36	volunteer, on the water
6	8/12/2001	Sunday	15:00	Active	75	C,W	2		4	6					---	12	volunteer, on the water
7	8/12/2001	Sunday	15:00	Active	75	C,W	1		4	1		1			---	7	volunteer, on the water
8	8/12/2001	Sunday	15:00	Active	75	C,W	5		7	11		9			---	32	volunteer, on the water
9	8/12/2001	Sunday	15:00	Active	75	C,W	5	3	1	7					---	19	volunteer, on the water
10	8/12/2001	Sunday	15:00	Active	75	C,W	5	19	4	37		10			---	75	volunteer, on the water
11	8/12/2001	Sunday	15:00	Active	75	C,W	1	3	1	10		6			---	21	volunteer, on the water
12a	8/12/2001	Sunday	15:00	Active	75	C,W	7	1	6	31		6			---	51	volunteer, on the water
12b	8/12/2001	Sunday	15:00	Active	75	C,W	2		3	15		8			---	28	volunteer, on the water
Total	8/12/2001	Sunday	15:00	Active	75	C,W	53	49	58	181		53			---	394	volunteer, on the water
1	8/19/2001	Sunday	15:00	Active	90	F	6		2	16		2			---	26	volunteer, on the water
2	8/19/2001	Sunday	15:00	Active	90	F	7		7	19		5			---	38	volunteer, on the water
3	8/19/2001	Sunday	15:00	Active	90	F	7	7	8	35		5			---	62	volunteer, on the water
4	8/19/2001	Sunday	15:00	Active	90	F	21	11	14	11		3			---	60	volunteer, on the water
5	8/19/2001	Sunday	15:00	Active	90	F	2	1	4	39					---	46	volunteer, on the water
6	8/19/2001	Sunday	15:00	Active	90	F	4	1	1	5			1		---	12	volunteer, on the water
7	8/19/2001	Sunday	15:00	Active	90	F	9		5	12		3			---	29	volunteer, on the water
8	8/19/2001	Sunday	15:00	Active	90	F	28	3	23	32		10			---	96	volunteer, on the water
9	8/19/2001	Sunday	15:00	Active	90	F	19	2	5	9		6			---	41	volunteer, on the water
10	8/19/2001	Sunday	15:00	Active	90	F	22	15	14	77					---	128	volunteer, on the water
11	8/19/2001	Sunday	15:00	Active	90	F	21	6	29	86					---	142	volunteer, on the water
12a	8/19/2001	Sunday	15:00	Active	90	F	9	2	5	55		13			---	84	volunteer, on the water
12b	8/19/2001	Sunday	15:00	Active	90	F	1		5	8		4			---	18	volunteer, on the water
Total	8/19/2001	Sunday	15:00	Active	90	F	156	48	122	404		51	0	1	---	782	volunteer, on the water
1	8/10/2002	Saturday	10:00	Static	85	F	123	39	71	37		7			---	277	volunteer, on the water
2	8/10/2002	Saturday	10:00	Static	85	F	71	16	23	22		1		1	---	134	volunteer, on the water
3	8/10/2002	Saturday	10:00	Static	85	F	31	13	19	12					---	75	volunteer, on the water
4	8/10/2002	Saturday	10:00	Static	85	F	100	35	17	23		4			---	179	volunteer, on the water
5	8/10/2002	Saturday	10:00	Static	85	F	24	15	14	10					---	63	volunteer, on the water
6	8/10/2002	Saturday	10:00	Static	85	F	41	15	23	8		3		1	---	91	volunteer, on the water
7	8/10/2002	Saturday	10:00	Static	85	F	35	17	24	30		1			---	107	volunteer, on the water
8	8/10/2002	Saturday	10:00	Static	85	F	6	5	15	15		3			---	44	volunteer, on the water
9	8/10/2002	Saturday	10:00	Static	85	F	46	28	32	13			2		---	121	volunteer, on the water
10	8/10/2002	Saturday	10:00	Static	85	F	109	35	50	16		2	5		---	217	volunteer, on the water
11	8/10/2002	Saturday	10:00	Static	85	F	135	71	56	130		14	2		---	408	volunteer, on the water
12a	8/10/2002	Saturday	10:00	Static	85	F	108	19	34	62		70	2		---	295	volunteer, on the water
12b	8/10/2002	Saturday	10:00	Static	85	F	173	9	35	257		30	1		---	505	volunteer, on the water
Total	8/10/2002	Saturday	10:00	Static	85	F	1002	317	413	635		135	12	2	---	2516	volunteer, on the water
1	8/11/2002	Sunday	15:00	Active	80	F	9	4	18	9		5			---	45	volunteer, on the water
2	8/11/2002	Sunday	15:00	Active	80	F	4		32	11		12			---	59	volunteer, on the water
3	8/11/2002	Sunday	15:00	Active	80	F	1	1	58	19					---	79	volunteer, on the water
4	8/11/2002	Sunday	15:00	Active	80	F	14	5	21	12		3			---	55	volunteer, on the water
5	8/11/2002	Sunday	15:00	Active	80	F	7	1	36	18		11		1	---	74	volunteer, on the water
6	8/11/2002	Sunday	15:00	Active	80	F				6		1			---	7	volunteer, on the water
7	8/11/2002	Sunday	15:00	Active	80	F	3	1	8	8		2			---	22	volunteer, on the water
8	8/11/2002	Sunday	15:00	Active	80	F	5	1	9	10		5			---	30	volunteer, on the water
9	8/11/2002	Sunday	15:00	Active	80	F	1		1	8		5			---	15	volunteer, on the water
10	8/11/2002	Sunday	15:00	Active	80	F	21	14	34	55		16		1	---	141	volunteer, on the water
11	8/11/2002	Sunday	15:00	Active	80	F	19	11	15	57		13			---	115	volunteer, on the water
12a	8/11/2002	Sunday	15:00	Active	80	F	11	1	15	18		8			---	53	volunteer, on the water
12b	8/11/2002	Sunday	15:00	Active	80	F	3		2	15		7			---	27	volunteer, on the water
Total	8/11/2002	Sunday	15:00	Active	80	F	98	39	249	246		88	0	2	---	722	volunteer, on the water
1	8/18/2002	Sunday	15:00	Active	80	C,R	17	6	2	12		1			---	38	volunteer, on the water
2	8/18/2002	Sunday	15:00	Active	80	C,R	4	1	5	23		5			---	38	volunteer, on the water
3	8/18/2002	Sunday	15:00	Active	80	C,R	2	4	2	39					---	47	volunteer, on the water
4	8/18/2002	Sunday	15:00	Active	80	C,R	3	6	22	31		4			---	66	volunteer, on the water
5	8/18/2002	Sunday	15:00	Active	80	C,R		2	20	32		11			---	65	volunteer, on the water
6	8/18/2002	Sunday	15:00	Active	80	C,R	1	1	3	7		1			---	13	volunteer, on the water
7	8/18/2002	Sunday	15:00	Active	80	C,R	5		1	8				1	---	15	volunteer, on the water
8	8/18/2002	Sunday	15:00	Active	80	C,R			2	7					---	9	volunteer, on the water
9	8/18/2002	Sunday	15:00	Active	80	C,R	3		3	14		2			---	22	volunteer, on the water
10	8/18/2002	Sunday	15:00	Active	80	C,R	5	2	2	17		3			---	29	volunteer, on the water
11	8/18/2002	Sunday	15:00	Active	80	C,R	9	9	6	56		9			---	89	volunteer, on the water
12a	8/18/2002	Sunday	15:00	Active	80	C,R		3	10	33		15			---	61	volunteer, on the water
12b	8/18/2002	Sunday	15:00	Active	80	C,R	2		11	7		8			---	28	volunteer, on the water
Total	8/18/2002	Sunday	15:00	Active	80	C,R	51	34	89	286		59	0	1	---	520	volunteer, on the water
1	7/27/2003	Sunday	15:00	Active	70	C,R			2	11		2			---	15	volunteer, on the water
2	7/27/2003	Sunday	15:00	Active	70	C,R	2		1	22		4			---	29	volunteer, on the water
3	7/27/2003	Sunday	15:00	Active	70	C,R	3	3	2	25		4			---	37	volunteer, on the water

Area	Date	Day	Time	Type	Temp	Cond	Human Powered Boats	Sailboats	Motorboats, 25 HP or less	Motorboats, greater than 25HP	All motorboats (aerial surveys only)	pontoon (also counted as motorboats)	personal water craft (also counted as motorboats)	electric (also counted as motorboats)	Seaplanes	Total	Survey type
4	7/27/2003	Sunday	15:00	Active	70	C,R	1	1	2	10		2			---	16	volunteer, on the water
5	7/27/2003	Sunday	15:00	Active	70	C,R	1	1	1	32		1			---	36	volunteer, on the water
6	7/27/2003	Sunday	15:00	Active	70	C,R	4	2	1	21		3			---	31	volunteer, on the water
7	7/27/2003	Sunday	15:00	Active	70	C,R		1		4					---	5	volunteer, on the water
8	7/27/2003	Sunday	15:00	Active	70	C,R	4	9	16	21		2			---	52	volunteer, on the water
9	7/27/2003	Sunday	15:00	Active	70	C,R	10	4	6	22		1			---	43	volunteer, on the water
10	7/27/2003	Sunday	15:00	Active	70	C,R	8	11	12	10		3			---	44	volunteer, on the water
11	7/27/2003	Sunday	15:00	Active	70	C,R	5	10	1	32		3			---	51	volunteer, on the water
12a	7/27/2003	Sunday	15:00	Active	70	C,R	1	2	7	33		7	1		---	51	volunteer, on the water
12b	7/27/2003	Sunday	15:00	Active	70	C,R	5	2	2	49		4	1		---	63	volunteer, on the water
Total	7/27/2003	Sunday	15:00	Active	70	C,R	44	46	53	292		36	2	0	---	473	volunteer, on the water
1	8/10/2003	Sunday	15:00	Active	70	C,R	1	2	5	3					---	11	volunteer, on the water
2	8/10/2003	Sunday	15:00	Active	70	C,R	15	2	6	21		4	1		---	49	volunteer, on the water
3	8/10/2003	Sunday	15:00	Active	70	C,R	8	3	2	10		1	1		---	25	volunteer, on the water
4	8/10/2003	Sunday	15:00	Active	70	C,R	4	2	3	5					---	14	volunteer, on the water
5	8/10/2003	Sunday	15:00	Active	70	C,R	7			5		1			---	13	volunteer, on the water
6	8/10/2003	Sunday	15:00	Active	70	C,R	8	1	1	8		1			---	19	volunteer, on the water
7	8/10/2003	Sunday	15:00	Active	70	C,R	4		1	3					---	8	volunteer, on the water
8	8/10/2003	Sunday	15:00	Active	70	C,R	1	2	17	21		12	1		---	54	volunteer, on the water
9	8/10/2003	Sunday	15:00	Active	70	C,R	3	2	7	12		12			---	36	volunteer, on the water
10	8/10/2003	Sunday	15:00	Active	70	C,R	6	6	12	21		6	1		---	52	volunteer, on the water
11	8/10/2003	Sunday	15:00	Active	70	C,R	1	2		14		4			---	21	volunteer, on the water
12a	8/10/2003	Sunday	15:00	Active	70	C,R	8		5	33		2			---	48	volunteer, on the water
12b	8/10/2003	Sunday	15:00	Active	70	C,R	13		4	28		2	2		---	49	volunteer, on the water
Total	8/10/2003	Sunday	15:00	Active	70	C,R	79	22	63	184		45	6	0	---	399	volunteer, on the water
1	7/24/2004	Saturday	8:00	Static		S,W	92	28	24	64		17		1	---	226	volunteer, on the water
2	7/24/2004	Saturday	8:00	Static		S,W	66	14	15	17		1		1	---	114	volunteer, on the water
3	7/24/2004	Saturday	8:00	Static		S,W	58	19	12	20		2		1	---	112	volunteer, on the water
4	7/24/2004	Saturday	8:00	Static		S,W	52	16	8	12		2			---	90	volunteer, on the water
5	7/24/2004	Saturday	8:00	Static		S,W	51	13	6	15					---	85	volunteer, on the water
6	7/24/2004	Saturday	8:00	Static		S,W	82	19	12	46		4			---	163	volunteer, on the water
7	7/24/2004	Saturday	8:00	Static		S,W	34	13	11	42		2			---	102	volunteer, on the water
8	7/24/2004	Saturday	8:00	Static		S,W	45	15	7	19		2			---	88	volunteer, on the water
9	7/24/2004	Saturday	8:00	Static		S,W	32	17	10	34		7			---	100	volunteer, on the water
10	7/24/2004	Saturday	8:00	Static		S,W	72	18	12	44		4	1		---	151	volunteer, on the water
11	7/24/2004	Saturday	8:00	Static		S,W	137	59	49	138		28	6		---	417	volunteer, on the water
12a	7/24/2004	Saturday	8:00	Static		S,W	40	11	28	174		42	2		---	297	volunteer, on the water
12b	7/24/2004	Saturday	8:00	Static		S,W	79	4	31	211		90	5		---	420	volunteer, on the water
Total	7/24/2004	Saturday	8:00	Static		S,W	841	245	226	838		200	14	3	---	2367	volunteer, on the water
1	7/25/2004	Sunday	15:00	Active	80	S	5	2	4	6		4			---	21	volunteer, on the water
2	7/25/2004	Sunday	15:00	Active	80	S	16		4	17		6			---	43	volunteer, on the water
3	7/25/2004	Sunday	15:00	Active	80	S	10	1	3	16		4	1		---	35	volunteer, on the water
4	7/25/2004	Sunday	15:00	Active	80	S	7	0	2	8		2			---	19	volunteer, on the water
5	7/25/2004	Sunday	15:00	Active	80	S	1		1	5					---	7	volunteer, on the water
6	7/25/2004	Sunday	15:00	Active	80	S	13	7	6	46		9	1		---	82	volunteer, on the water
7	7/25/2004	Sunday	15:00	Active	80	S	10			10					---	20	volunteer, on the water
8	7/25/2004	Sunday	15:00	Active	80	S	12	7	10	72		18	1		---	120	volunteer, on the water
9	7/25/2004	Sunday	15:00	Active	80	S	2	0	3	17		6			---	28	volunteer, on the water
10	7/25/2004	Sunday	15:00	Active	80	S	10	8	5	50		9	1		---	83	volunteer, on the water
11	7/25/2004	Sunday	15:00	Active	80	S	2	3	4	9		2			---	20	volunteer, on the water
12a	7/25/2004	Sunday	15:00	Active	80	S	3		4	66		8	3		---	84	volunteer, on the water
12b	7/25/2004	Sunday	15:00	Active	80	S	6		3	20		6	1		---	36	volunteer, on the water
Total	7/25/2004	Sunday	15:00	Active	80	S	97	28	49	342		74	8		---	598	volunteer, on the water
1	8/1/2004	Sunday	15:00	Active	70	F	6	2	3	11		2			---	24	volunteer, on the water
2	8/1/2004	Sunday	15:00	Active	70	F	12		6	21		3			---	42	volunteer, on the water
3	8/1/2004	Sunday	15:00	Active	70	F	2	3	4	9		3			---	21	volunteer, on the water
4	8/1/2004	Sunday	15:00	Active	70	F	2	2	2	5		1			---	12	volunteer, on the water
5	8/1/2004	Sunday	15:00	Active	70	F				7					---	7	volunteer, on the water
6	8/1/2004	Sunday	15:00	Active	70	F	3	3	3	10		2			---	21	volunteer, on the water
7	8/1/2004	Sunday	15:00	Active	70	F	2		2	7					---	11	volunteer, on the water
8	8/1/2004	Sunday	15:00	Active	70	F	6	9	4	26		11			---	56	volunteer, on the water
9	8/1/2004	Sunday	15:00	Active	70	F	1	0	2	19		1			---	23	volunteer, on the water
10	8/1/2004	Sunday	15:00	Active	70	F	12	10	4	30		10			---	66	volunteer, on the water
11	8/1/2004	Sunday	15:00	Active	70	F	2	3	1	13		2			---	21	volunteer, on the water
12a	8/1/2004	Sunday	15:00	Active	70	F	7		6	41		12	3		---	69	volunteer, on the water
12b	8/1/2004	Sunday	15:00	Active	70	F	6	2	6	22		6	4		---	46	volunteer, on the water
Total	8/1/2004	Sunday	15:00	Active	70	F	61	34	43	221		53	7		---	419	volunteer, on the water
1	7/16/2005	Saturday	15:00	Active	80	S	1	2	3	8		2			---	16	volunteer, on the water
2	7/16/2005	Saturday	15:00	Active	80	S	6		2	26		13			---	47	volunteer, on the water
3	7/16/2005	Saturday	15:00	Active	80	S	2			18		11	1		---	32	volunteer, on the water
4	7/16/2005	Saturday	15:00	Active	80	S	12	6	7	5		1			---	31	volunteer, on the water
5	7/16/2005	Saturday	15:00	Active	80	S				5					---	5	volunteer, on the water
6	7/16/2005	Saturday	15:00	Active	80	S	12		5	30		12			---	59	volunteer, on the water
7	7/16/2005	Saturday	15:00	Active	80	S	8		1	11		2			---	22	volunteer, on the water
8	7/16/2005	Saturday	15:00	Active	80	S	3			15		3			---	21	volunteer, on the water

Area	Date	Day	Time	Type	Temp	Cond	Human Powered Boats	Sailboats	Motorboats, 25 HP or less	Motorboats, greater than 25HP	All motorboats (aerial surveys only)	pontoon (also counted as motorboats)	personal water craft (also counted as motorboats)	electric (also counted as motorboats)	Seaplanes	Total	Survey type
9	7/16/2005	Saturday	15:00	Active	80	S	3		1	11		5			---	20	volunteer, on the water
10	7/16/2005	Saturday	15:00	Active	80	S	19		2	21		3	2		---	47	volunteer, on the water
11	7/16/2005	Saturday	15:00	Active	80	S	9	4	11	19		5	2		---	50	volunteer, on the water
12a	7/16/2005	Saturday	15:00	Active	80	S	1		5	40		13	2		---	61	volunteer, on the water
12b	7/16/2005	Saturday	15:00	Active	80	S	4		2	32		10	3		---	51	volunteer, on the water
Total	7/16/2005	Saturday	15:00	Active	80	S	80	12	39	241		80	10	0	---	462	volunteer, on the water
1	7/31/2005	Sunday	15:00	Active	70	C	1	2	1	4					---	8	volunteer, on the water
2	7/31/2005	Sunday	15:00	Active	70	C	8	2	3	33		8	1		---	55	volunteer, on the water
3	7/31/2005	Sunday	15:00	Active	70	C	1	12	4	27		4	2		---	50	volunteer, on the water
4	7/31/2005	Sunday	15:00	Active	70	C		3	8	7		1			---	19	volunteer, on the water
5	7/31/2005	Sunday	15:00	Active	70	C			1	7		1			---	9	volunteer, on the water
6	7/31/2005	Sunday	15:00	Active	70	C	2	1	2	12		3	1		---	21	volunteer, on the water
7	7/31/2005	Sunday	15:00	Active	70	C			1	5		1	1		---	8	volunteer, on the water
8	7/31/2005	Sunday	15:00	Active	70	C	3	2	8	1		6			---	20	volunteer, on the water
9	7/31/2005	Sunday	15:00	Active	70	C	4	1	1	7		2			---	15	volunteer, on the water
10	7/31/2005	Sunday	15:00	Active	70	C	8	13	1	16		6			---	44	volunteer, on the water
11	7/31/2005	Sunday	15:00	Active	70	C	13	2		37		1			---	53	volunteer, on the water
12a	7/31/2005	Sunday	15:00	Active	70	C			5	31		7	1		---	44	volunteer, on the water
12b	7/31/2005	Sunday	15:00	Active	70	C	5	1	2	10		5	1		---	24	volunteer, on the water
Total	7/31/2005	Sunday	15:00	Active	70	C	45	39	37	197		45	7	0	---	370	volunteer, on the water
1	7/23/2006	Sunday	15:00	Active	70	S,W		2	2	3		1	1		---	9	volunteer, on the water
2	7/23/2006	Sunday	15:00	Active	70	S,W	6	2	2	15		3			---	28	volunteer, on the water
3	7/23/2006	Sunday	15:00	Active	70	S,W	1	12	4	27		4	2		---	50	volunteer, on the water
4	7/23/2006	Sunday	15:00	Active	70	S,W	5	3	3	6		1			---	18	volunteer, on the water
5	7/23/2006	Sunday	15:00	Active	70	S,W			3	9		2	1		---	15	volunteer, on the water
6	7/23/2006	Sunday	15:00	Active	70	S,W	7	1	2	28		3			---	41	volunteer, on the water
7	7/23/2006	Sunday	15:00	Active	70	S,W	2		2	2		3			---	9	volunteer, on the water
8	7/23/2006	Sunday	15:00	Active	70	S,W	3	2	6	7		5			---	23	volunteer, on the water
9	7/23/2006	Sunday	15:00	Active	70	S,W	3	1	1			9			---	14	volunteer, on the water
10	7/23/2006	Sunday	15:00	Active	70	S,W	1	8		10		1			---	20	volunteer, on the water
11	7/23/2006	Sunday	15:00	Active	70	S,W	6	3	9	20		4			---	42	volunteer, on the water
12a	7/23/2006	Sunday	15:00	Active	70	S,W		1	2	22		6	1		---	32	volunteer, on the water
12b	7/23/2006	Sunday	15:00	Active	70	S,W	3	1	1	13		2	3		---	23	volunteer, on the water
Total	7/23/2006	Sunday	15:00	Active	70	S,W	37	36	37	162		44	8	0	---	324	volunteer, on the water
1	8/6/2006	Sunday	15:00	Active	75	S		2	2	5					---	9	volunteer, on the water
2	8/6/2006	Sunday	15:00	Active	75	S	14	1	3	44		14	1		---	77	volunteer, on the water
3	8/6/2006	Sunday	15:00	Active	75	S	2			18		11			---	31	volunteer, on the water
4	8/6/2006	Sunday	15:00	Active	75	S	6	2	4	7					---	19	volunteer, on the water
5	8/6/2006	Sunday	15:00	Active	75	S				4					---	4	volunteer, on the water
6	8/6/2006	Sunday	15:00	Active	75	S	12	10	5	33		10	5		---	75	volunteer, on the water
7	8/6/2006	Sunday	15:00	Active	75	S	2		3	1		1			---	7	volunteer, on the water
8	8/6/2006	Sunday	15:00	Active	75	S	3	2	1	8		6			---	20	volunteer, on the water
9	8/6/2006	Sunday	15:00	Active	75	S	5	2	4	21		3			---	35	volunteer, on the water
10	8/6/2006	Sunday	15:00	Active	75	S	3	4	4	13		3	1		---	28	volunteer, on the water
11	8/6/2006	Sunday	15:00	Active	75	S	12	6	1	32		5	7		---	63	volunteer, on the water
12a	8/6/2006	Sunday	15:00	Active	75	S	9		7	27		6	3		---	52	volunteer, on the water
12b	8/6/2006	Sunday	15:00	Active	75	S	2		2	20		7	3		---	34	volunteer, on the water
Total	8/6/2006	Sunday	15:00	Active	75	S	70	29	36	233		66	20	0	---	454	volunteer, on the water
1	7/28/2007	Sunday	8:00	Static	70	C,C	118	30	35	65		5			---	253	volunteer, on the water
2	7/28/2007	Sunday	8:00	Static	70	C,C	61	11	15	19		2		1	---	109	volunteer, on the water
3	7/28/2007	Sunday	8:00	Static	70	C,C	41	17	12	17					---	87	volunteer, on the water
4	7/28/2007	Sunday	8:00	Static	70	C,C	130	37	27	23		5			---	222	volunteer, on the water
5	7/28/2007	Sunday	8:00	Static	70	C,C	47	7	9	21		1			---	85	volunteer, on the water
6	7/28/2007	Sunday	8:00	Static	70	C,C	95	16	11	39		1			---	162	volunteer, on the water
7	7/28/2007	Sunday	8:00	Static	70	C,C	22	8	13	50		5	3		---	101	volunteer, on the water
8	7/28/2007	Sunday	8:00	Static	70	C,C	31	7	8	10					---	56	volunteer, on the water
9	7/28/2007	Sunday	8:00	Static	70	C,C	110	21	2	15		47	6		---	201	volunteer, on the water
10	7/28/2007	Sunday	8:00	Static	70	C,C	156	29	9	54		3	2	1	---	254	volunteer, on the water
11	7/28/2007	Sunday	8:00	Static	70	C,C	103	44	35	150		29	3		---	364	volunteer, on the water
12	7/28/2007	Sunday	8:00	Static	70	C,C	173	30	76	284		43	3		---	609	volunteer, on the water
Total	7/28/2007	Sunday	8:00	Static	70	C,C	1087	257	252	747		141	17	2	---	2503	volunteer, on the water
1	7/28/2007	Sunday	15:00	Active	80	C,C	3		2	7					---	12	volunteer, on the water
2	7/28/2007	Sunday	15:00	Active	80	C,C	9		15	2		1			---	27	volunteer, on the water
3	7/28/2007	Sunday	15:00	Active	80	C,C	2		6	5					---	13	volunteer, on the water
4	7/28/2007	Sunday	15:00	Active	80	C,C			3	6		1			---	10	volunteer, on the water
5	7/28/2007	Sunday	15:00	Active	80	C,C	1	2	8	17		3	2		---	33	volunteer, on the water
6	7/28/2007	Sunday	15:00	Active	80	C,C				1					---	1	volunteer, on the water
7	7/28/2007	Sunday	15:00	Active	80	C,C	5		1	18		1			---	25	volunteer, on the water
8	7/28/2007	Sunday	15:00	Active	80	C,C	9			11		1			---	21	volunteer, on the water
9	7/28/2007	Sunday	15:00	Active	80	C,C	1	5	6	16		1			---	29	volunteer, on the water
10	7/28/2007	Sunday	15:00	Active	80	C,C	7	3	9	18					---	37	volunteer, on the water
11	7/28/2007	Sunday	15:00	Active	80	C,C	4	4	2	10		3			---	23	volunteer, on the water
12	7/28/2007	Sunday	15:00	Active	80	C,C	6			34		14	2		---	56	volunteer, on the water
Total	7/28/2007	Sunday	15:00	Active	80	C,C	47	14	52	145		25	4	0	---	287	volunteer, on the water
1	8/11/2007	Sunday	15:00	Active	75	C,W	1	2	2	6					---	11	volunteer, on the water









Area	Date	Day	Time	Type	Temp	Cond	Human Powered Boats	Sailboats	Motorboats, 25 HP or less	Motorboats, greater than 25HP	All motorboats (aerial surveys only)	pontoon (also counted as motorboats)	personal water craft (also counted as motorboats)	electric (also counted as motorboats)	Seaplanes	Total	Survey type
2	8/20/2017	Sunday		Aerial			2	0			33	2	0		---	37	aerial
3	8/20/2017	Sunday		Aerial			1	0			10	1	0		---	12	aerial
4	8/20/2017	Sunday		Aerial			0	0			5	0	0		---	5	aerial
5	8/20/2017	Sunday		Aerial			0	1			8	0	0		---	9	aerial
6	8/20/2017	Sunday		Aerial			2	3			8	0	0		---	13	aerial
7	8/20/2017	Sunday		Aerial			0	1			7	1	0		---	9	aerial
8	8/20/2017	Sunday		Aerial			2	3			28	7	0		---	39	aerial
8	8/20/2017	Sunday		Aerial			4	2			11	2	0		---	19	aerial
10	8/20/2017	Sunday		Aerial			2	3			12	5	0		---	23	aerial
11	8/20/2017	Sunday		Aerial			1	2			18	2	0		---	23	aerial
12	8/20/2017	Sunday		Aerial			0	0			22	0	0		---	22	aerial
total	8/20/2017	Sunday		Aerial			16	16			172	21	0		---	225	aerial
1	9/2/2018	Sunday		static			136	30	45	83			1		0	295	volunteer, on the water
2	9/2/2018	Sunday		static			74	9	10	17			0		0	110	volunteer, on the water
3	9/2/2018	Sunday		static			63	10	26	23			3		0	125	volunteer, on the water
4	9/2/2018	Sunday		static			71	12	23	15			1		0	122	volunteer, on the water
5	9/2/2018	Sunday		static			56	12	7	23			0		0	98	volunteer, on the water
6	9/2/2018	Sunday		static			58	11	8	42			0		0	119	volunteer, on the water
7	9/2/2018	Sunday		static			74	11	14	57			1		0	157	volunteer, on the water
8	9/2/2018	Sunday		static			23	4	8	8			1		0	44	volunteer, on the water
9	9/2/2018	Sunday		static			115	18	10	63			1		1	208	volunteer, on the water
10	9/2/2018	Sunday		static			72	12	0	56			1		0	141	volunteer, on the water
11	9/2/2018	Sunday		static			281	63	51	266			1		0	662	volunteer, on the water
12a	9/2/2018	Sunday		static			0	0	0	0			0		0	0	volunteer, on the water
12b	9/2/2018	Sunday		static			88	6	8	101			13		1	217	volunteer, on the water
13	9/2/2018	Sunday		static			118	0	5	109			2		0	234	volunteer, on the water
total	9/2/2018	Sunday		static			1229	198	215	863			25		2	2532	volunteer, on the water

CENSUS MAP.

