



Fish Collection System

Produced: October 16, 2003

Water: ELK LAKE
 Survey begin: 09/22/1983 end: 10/06/1983
 Survey type: Inland Lake
 Primary purpose: Stocking Evaluation

Discharge county: Antrim
 T/R/S: 29N 09W 20
 Status: Approved

Note: DETERMINE SURVIVAL OF LAKE TROUT PLANTS, COMPARISON OF INDEX STATIONS WITH PREVIOUS YEARS.

Gear:	No. used	Gear	Common name
	15	Inland Gill Net	

Species	Number	Percent by number	Weight (lb.)	Percent by weight	Length range (in.)*	Average length (in.)	Percent legal size**
Brown trout	2	0.7	2.0	0.5	13-13		100
IGNET effort. 15 Net Lifts	2	0.7	2.0	0.5	13-13	13.5	100
Burbot	15	5.4	31.3	8.6	16-24		100
IGNET effort. 15 Net Lifts	15	5.4	31.3	8.6	16-24	19.9	100
White sucker	1	0.4	1.8	0.5	15-15		100
IGNET effort. 15 Net Lifts	1	0.4	1.8	0.5	15-15	15.5	100
Lake trout	37	13.4	85.1	23.3	8-36		95
IGNET effort. 15 Net Lifts	37	13.4	85.1	23.3	8-36	17.2	95
Lake herring	33	12.0	10.7	2.9	6-17		36
IGNET effort. 15 Net Lifts	33	12.0	10.7	2.9	6-17	9.0	36
Lake whitefish	169	61.2	227.9	62.3	8-24		100
IGNET effort. 15 Net Lifts	169	61.2	227.9	62.3	8-24	15.5	100
Rainbow trout	1	0.4	1.3	0.4	14-14		100
IGNET effort. 15 Net Lifts	1	0.4	1.3	0.4	14-14	14.5	100
Rock bass	9	3.3	1.7	0.5	5-8		44
IGNET effort. 15 Net Lifts	9	3.3	1.7	0.5	5-8	6.2	44
Smallmouth bass	7	2.5	3.6	1.0	8-11		0
IGNET effort. 15 Net Lifts	7	2.5	3.6	1.0	8-11	9.8	0
Yellow Perch	2	0.7	0.3	0.1	6-6		0
IGNET effort. 15 Net Lifts	2	0.7	0.3	0.1	6-6	6.5	0
All species totals:	276	100	365.7	100			

* Note some fish may be measured to 0.1 inch, others to inch group: e.g., "5" = 5.0 to 5.9 inches; "12" = 12.0 to 12.9 inches; etc.
 ** Percent legal or acceptable size for angling.