

MICHIGAN DEPARTMENT OF NATURAL RESOURCES  
Fisheries Division

Water: Torch Lake

FISH COLLECTION

County: Antrim T. 29N R. 8W Sec. 31,32

Date: 9/13-14/93

I.D.- Station 1

Sheet 1 of: 1

Summary of: ( ) All sites (x) Coll. site No. 1 ( ) All gear ( ) Gear: Mod. gill net

Sample site(s): Number of- 1 Depth Range- 50-150ft Temp. Range- 63F

Location(s) (describe or map below) West shore, first point north.

Cover (abundance, type): Sparse rocks, boulders.

Fish foods: crayfish, cisco

Water clarity, level, etc.: Clear, Normal

Cond.-

Electro. eff-

Weather: Present- Mild, southwest winds

Preceding- same

Temperature: Air- 62F

Water surface- 63F

Time of day- noon

Stream: Length-

Avg width-

Avg. depth-

Velocity: Ave.-

Surface-

Discharge-

Bottom type-

Gear Description: Modified gill net, 500ft long, 1.5"-6.0" mesh.

Effort: Net lifts- 1

Net nights- 1

Area covered-

Hrs. shocked-

Purpose of collection: Index station, repeat sets of 1985 survey.

Data collected (X): ( ) CATCH SUM. ( ) LEN.-FREQ. ( ) LEN.-BIOM. ( ) LEN-WT REG.  
( ) GROWTH ( ) MARK & RECAP. EST. ( ) AGE-FREQ. & SURVIVAL

Analysis, map, remarks, fishing reports: Lake trout fishing reported to be excellent in Torch Lake recently.

Analysis by: Hoxie, Borgeson

Sec.-

Collection by: Hollenbaugh

Sec.-MGT

I.D. by-Hollenbaugh Sec.-MGT

COPIES TO: ( ) LANSING ( ) REGION ( ) DISTRICT ( ) I.F.R. ( ) U.S.F.S.

CATCH SUMMARY BY GEAR

Species: Lake Trout Whitefish Lake Herring

-----  
 Legal Size(in) 10 10 8  
 Avg. Length(in) 23.5 17.5 9.5  
 Avg. Weight(lb) 5.00 1.78 .20  
 -----

	No.	Lb.	No.	Lb.	No.	Lb.
Sample Total	1	5.0	4	7.1	3	.6
% Total Catch	12.5%	39.4%	50.0%	55.9%	37.5%	4.7%
CPE	1.0	5.0	4.0	7.1	3.0	.6
% Legal Size	100.0%		100.0%		100.0%	

-----

Inches

1						
2						
3						
4						
5						
6						
7						
8						
9					3	
10						
11						
12						
13						
14			1			
15						
16						
17			1			
18			1			
19			1			
20						
21						
22						
23	1					
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						

-----

Subsamp Total	1	5.0	4	7.1	3	.6
---------------	---	-----	---	-----	---	----

-----

Water Net lifts or no. of hr. shocked= 1.0  
 Torch Lake, Antrim Co. All Species Total: Number= 8 Pounds=  
 1993 Index station 1 12.7  
 -----

