ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH

FISH SAMPLING SUMMARY

TRAPPER'S DEN LAKE

WATER NAME Tex Smith Lake

LOCATION Mile 161 Glenn Hwy.

temp. surf. water

Freq. Comp.

DATE	TYPE GEAR	FISH SPECIES*	~~AGE CLASS~~	NUMBER IN SAMPLE	HOURS OF EFFORT	LENGTH RANGE MM	MEAN LENGTH MM	~~WEIGHT RANGE~~	~~MEAN WEIGHT~~
7/1/60	125' Exp.	RB		9	25	205-229	262	0.36	100
7/30/65	125' Exp.	RB		4	17	188-173	180	0.29	100
6/14/66	100 (2) Gill Net	RB		14	36	366-178	208	0.39	100
6/12/68	Gillnet	RB		11	17	470-117	377	0.65	100
~~4/1/70~~									
12/7/71	Test ice fishing	RB		1	.5	180	180	2.00	25%
		SS		3	~~235-255~~ .5	235-255	247	6.00	75%
6-1-73	2-125ft Exp	R.B.		32	42	95-495	162	.76	64%
		SS		18	42	242-365	310	.42	36%
10 Aug 78	one 125' gillnet	SS	67°F	11	25	225-300	264	0.44	100
6-4-79	+two 125' gillnets	SS	58°F	1	47	370	370	0.021	100
6-19-79	+two 125' gillnets	SS	—	4	39	435-460	448.7	0.102	100
9-7-79	2 125' GN	SS.		5	48	325-450	412	0.104	100%
9-17-79	2 Fyke Nets	—		0	96	0	0	0	0
Sept 1980	MINNOW TRAPS								
May-June 1981	FYKE NETS								
MAY June 1983	MINNOW TRAPS	RT		370	1,231	46-220	95.3mm	0.30	100%
July 1983	MINNOW TRAPS	RT		180	1,035	75-210	122mm	0.17	100%
8/10/92	4Fyke nets	RT		43	69	53-302	184.8mm		
8/10/92	4 FYKE			2	?				

*RB — RAINBOW TROUT
BT — BROOK TROUT
SS — SILVER SALMON
CT — CUTTHROAT
LT — LAKE TROUT
DV — DOLLY VARDEN
AC — ARCTIC CHAR

SH — STEELHEAD
KS — KING SALMON
WF — WHITEFISH
SK — SUCKER
SB — STICKLEBACK
CD — COTTIDAE sp.
S — SHEEFISH

RS — RED SALMON
BB — BURBOT
GR — GRAYLING
P — PIKE
DS — CHUM SALMON
PS — PINK SALMON
K — KOKANEE

2/69
FG-2

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH

CREEL CENSUS SUMMARY

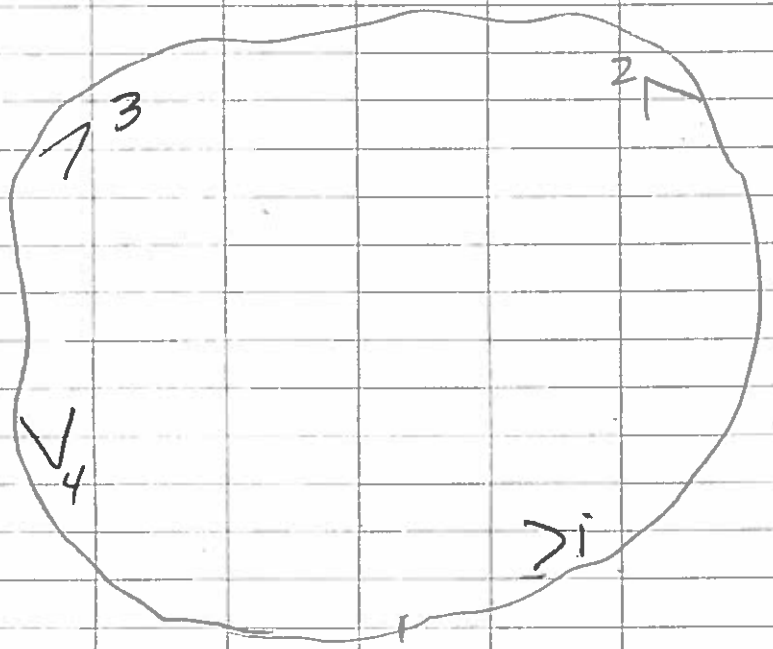
NAME TEX SMITH

LOCATION Mi 161 GLENN HWY

DATE	CENSUS PERIOD	FISHERMEN OBSER	FISHERMEN CHECK	TOTAL HOURS FISHED	FISH SP.	NO. FISH	LENGTH RANGE MM	MEAN LENGTH MM	FISH / HOUR	COMMENTS
JUNE 1971			4	6	RB	1	200			
123/78		2	2	3	SS	13	255	225		20" 9in. 16" mon
/20/75		5	5	8	SS	31	195-275	225		own flow
MARCH/76										Good fishing S-S
3/26/78		5	5	12	SS	35				
/25/78	AM	6	6	10	SS	3				
C/28/80										5" of ice
22/81	noon		2	1	RB	14	150-255	198	14	-2 of the fish were adipose clipped -most were ripe males
3/29/82	11:30-3:30	3	3	2 Fished 4 Hrs. ea.	R.T.	25	191-270	237	4	Fish were dark, some EGGS SKeins from out Large in size, some mist enlarged, Some fish immature, only 2 Adipose clips & No Ventral clips.
/25/82	10:30AM 1:30PM	2	2	6	RT	9	326-231		1.5	no clipped fish. 3 ripe males & 1 ripe ♀

2/69
FG-211

Tex Smith LK 8-10-92



	set	Pull	
FW1	5:30	11.00	= 17.5 lbs
FW2	5:35	11:05	= 17.5 lbs
FW3	5:50	10'c/8	- 17 lbs
FW4	5:45	10'45	= 17 lbs

n = 43 total
$\overline{len}$ = 184.81 mm
range = 53 mm - 302

8-10-92

Sw RT Finger/Ing

H+L RT
262 mm
225 mm

8-11-92

FW4	RT mm
150	245
237	282
221	278
243	302

n = 8
$\overline{len}$ = 244.75 mm

FW3	RT mm
65	269
59	
187	
263	
253	
228	
246	
244	
249	
251	

n = 11
$\overline{len}$ = 215.46 mm

Tex Smith 8-(19)

FW1	RT (mm)
71	151
63	174
63	184
68	208
61	239
57	255
54	263
63	248
72	273
58	300
53	

$n=21$

$\overline{\text{Sum}} = 141.8\text{mm}$

FW2
189
241

$n=3$

$\overline{\text{Sum}} = 213.67\text{mm}$

Tex Smith Lake (Trappers Dam)

5/26/81 Water temp. 54° F
Set 6 hyke Nets

5/27/81 Catch Data

# Adipose clipped Fish	79
# Unclipped Fish	544
# Total Fish	623
Average length	176.3 mm
Range in length	112 → 235 mm
% A. clipped to Unclip	14.52 %

5/28/81 Catch Data

# Adipose clipped Fish	125
# Ventral " "	195
# Unclipped "	741 (2 recaptures)
# Total Fish	1061
Average length	111.7 mm
Range in length	113 → 229 mm
~~% Adipose to Unclip 16.9 %~~	
% Adipose 2 days catch	11.8 %
% Ventral " " "	18.4 %
% Unclipped " " "	69.8 %

Tex Smith (Trappers Dam)

5/29/81 Catch Data

# Adipose clipped Fish	79
# Ventral " "	251
# Unclipped "	461
# Total Fish	791
% Adipose to days catch	10.0
% Ventral " " "	31.7
% Unclipped " " "	58.3

3 consecutive days of catch data

6 Lyke nets set for 72 hrs = 432 net hours

Total Catch 2475 Fish (RT)

# Adipose Clipped =	283
# Ventral Clipped =	446
# Unclipped =	1746
% of Adipose clipped	11.4%
% of Ventral Clipped	18.0%
% of Unclipped	70.5%

6/15/81 Set 6 Lyke nets

Water Temp 60° F

6/16/81 Pulled the nets 6 nets x 24 hrs = 144 net hrs.

caught 880 RT total

390 were unclipped 44.3%

490 " clipped 55.7%

Tex Smith Lake 5/28/81

Adipose Clipped fish = 125
Ventral clipped fish = 195
Unclipped fish = 741 (2 unmeasured)
Total lengths (mm) adipose clipped fish = 21,449
Total lengths (mm) unclipped fish = 132,106

AVERAGE

Adipose clipped fish = $\frac{21,449\ mm}{125\ fish}$ = 171.59 mm = 172 mm

Unclipped fish = $\frac{132,106\ mm}{739\ fish}$ = 178.7 = 179
(741 − 2 unmeasured)

RANGE

	Smallest	Largest
Adipose Clipped fish:	114 mm	220 mm
Unclipped fish:	113 mm	229 mm

% ADIPOSE CLIPPED to Unclipped = $\frac{125}{741}$ = 16.86% = 16.9%

Ventral Clypeal fish

13
18
9
16
1
8
12
13
9
13
7
23
2
13
22
16
195

5/28/81

Lengths of Adipose Clipped

168	158	190	160	156
178	145	157	198	124
161	126	175	166	178
171	136	188	143	226
134	187	193	137	155
176	184	157	201	173
168	161	209	183	202
168	176	184	182	176
129	133	147	182	176
182	193	209	202	174
202	150	145	114	208
204	186	196	117	182
167	187	153	189	157
168	185	188	194	173
178	199	166	151	178
154	194	161	145	146
148	202	137	183	154
172	170	168	140	2,932
186	180	174	192	
116	134	180	175	
190	210	198	168	
157	201	138	184	
156	208	183	158	
198	176	161	165	
156	211	177	156	
186	197	152	201	
182	158	177	172	
4,555	4,741	4,663	4,558	

Average, Adipose clipped

$\frac{21,449}{125} = 171.59 =$

172

4,555
4,741
4,663
4,558
2,932
21,449

740

Unclipped Fish 5/28/81

24	12
24	24
25	12 (10 measured)
24	23
24	13
24	24
24	10
2	23
18	9
19	10
24	23
24	23
10	24
23	7
24	741
23	
8	741 − 2 (unmeasured)
24	= 739
~~4~~	
23	
14	
23	
23	
5	
13	
23	
12	

Lengths Unclipped Fish 5/28/81

172	189	206	171
168	164	209	186
175	167	194	198
164	204	195	186
(113)	155	191	215
188	214	198	183
181	140	167	222
133	144	200	205
214	164	177	123
204	187	185	151
158	172	190	168
165	155	182	196
201	188	158	153
137	203	188	203
177	203	221	203
212	170	178	173
193	158	135	173
226	182	182	152
191	158	153	151
200	181	175	172
187	202	178	188
167	185	198	187
184	179	197	199
182	187	178	188
188	168	179	166
186	144	156	178
162	177	164	175
4,828	4,740	4,934	4,865

1895

Lengths Unclipped Fish

156	185	200	175	181	166	201
194	153	182	164	182	192	155
198	172	185	153	204	187	198
176	174	144	183	210	176	215
141	145	142	167	168	155	220
204	166	171	150	184	153	177
192	163	186	176	197	193	208
210	197	179	137	193	168	185
177	209	138	165	168	145	168
206	188	156	108	159	194	142
157	199	158	162	137	162	164
173	178	158	181	173	130	170
185	180	200	197	178	194	172
128	140	155	167	197	163	172
166	161	176	205	173	122	205
150	192	167	198	202	143	178
132	173	176	169	183	164	197
208	161	140	174	180	136	187
216	170	148	163	164	149	194
184	136	130	147	144	176	172
208	159	158	153	142	204	130
167	182	155	204	150	177	144
182	145	158	188	176	208	178
188	157	197	156	155	181	207
177	205	164	157	137	206	207
208	174	208	190	155	177	163
127	185	222	182	187	196	154
4804	4649	4553	4571	4679	4617	4863

189

5/28/81

Lengths Unclipped Fish

158	159	137	187	224	155	148
178	206	142	208	201	148	211
143	178	148	141	157	177	192
175	171	167	158	168	191	223
172	157	197	157	192	173	192
191	161	196	168	188	193	198
208	193	135	142	206	207	196
198	197	188	155	192	181	192
206	190	169	206	200	161	168
190	194	158	183	192	178	208
187	140	181	204	191	154	187
173	222	208	194	164	197	185
147	170	167	193	191	178	177
195	188	198	197	156	172	211
208	158	140	143	191	158 158	187
152	160	186	162	172	182 125	178
~~202~~ 201	162	185	143	226	164 158	179
170 224	208	146	160	207	173 191	140
180 209	178	187	193	198	149 198	158
134 172	175	172	143	197	198 203	162
210 182	193	162	154	196	208 207	185
201 209	198	137	168	149	211 147	192
208 194	160	144	153	177	195 147	167
176 201	187	156	164	192	190 208	171
211 198	188	205	209	208	204 204	178
167	138	148	182	202	144 198	167
207	197	162	229	203	192 212	165
5045	4828	4521	4696	5134	2368 4821	4917

Unclipped Fish, 5/28/81

192	181	198	204	220	188	153
188	177	200	161	196	193	168
225	182	211	157	200	192	180
204	147	158	170	134	162	118
188	202	204	168	167	190	192
178	213	176	178	146	206	136
185	204	184	172	192	163	194
191	193	178	206	186	168	154
193	197	192	193	160	220	173
215	205	188	202	173	206	143
198	178	154	153	158	207	186
166	183	152	136	198	197	154
213	186	144	123	214	187	185
189	173	196	154	228	178	196
214	156	158	162	192	217	135
197	—	212	201	206	167	142
198	—	157	208	176	176	221
204	202	203	176	167	213	206
188	197	201	194	158	143	166
150	208	186	174	212	188	218
168	176	203	165	158	176	177
176	185	195	143	153	184	218
183	178	202	183	198	182	173
147	204	198	168	213	200	198
200	156	152	197	194	155	183
232	172	173	178	185	184	161
171	194	171	168	217	198	198
5153	4649	4946	4694	5001	5040	4728

Unclipped Fish 5/28/81

206	184
196	165
217	196
180	146
176	138
210	209
209	174
185	217
157	206
187	198
192	221
193	184
191	167
225	178
205	180
153	176
178	184
192	200
196	138
197	138
183	162
176	155
188	132
154	122
212	145
211	4315
178	
5147	

Total Lengths, Unclipped Fish

4,828	4,728	
4,740	5,147	
4,934	4,315	
4,865	132,106	
4,804		
4,649		
4,553		
4,571		
4,679		
4,617		
4,863		
5,045		
4,828		
4,521		
4,696		
5,134		
2,368		
4,821		
4,917		
5,153		
4,649		
4,946		
4,694		
5,001		
5,040		

Tex Smith Lake 5/27/81

Adipose Clipped fish = 79
Unclipped fish = 544
} 623 TOTAL CAPS

Total lengths (mm) adipose clipped fish = 13,690
Total lengths (mm) unclipped fish = 96,143

AVERAGE

Adipose Clipped fish = $\frac{13,690\ mm}{79\ fish}$ = 173.3 mm = 174 mm

Unclipped fish = $\frac{96,143\ mm}{544\ fish}$ = 176.7 mm = 177 mm

RANGE

	Smallest	Largest
Adipose Clipped fish:	113	219
Unclipped fish :	112	235

% ADIPOSE CLIPPED to UNCLIPPED = $\frac{79\ fish}{544\ fish}$ = 14.52%

5/27/81 Tex Smith Lake

634
623

Average

Clipped fish =

5966
+7725
13,690 length ÷ 79 = 173.3 mm average clipped

Unclipped fish ~~544~~.

5056
4833
4952
4879
4805
5020
4748
4807
4675
4543
4941
4879
4991
4927
5787
5071
5948
4991
6290

96,143 length ÷ 544 = 176.7 mm average unclipped

RANGE

	Smallest	Largest
Clipped	113	219
Unclipped	112	235

% clipped to unclipped =

$\frac{79}{544}$ = 14.52%

(256)

Tex Smith

5965

Clipped

167 208
204 173
178 178
155 130
146 182
157 183
180 197
178 178
178
158
174
187
118
165
140
173
150
185
135
157
138
147
188
219
177
178
204

5056 4833 4952 4879 4805 5020 4748 4807 4675

Unclipped

194 190 175 198 185 218 183 190 155
173 168 191 178 173 202 183 170 163
157 185 156 190 188 178 128 177 208
168 204 192 200 208 195 147 172 190
187 215 184 171 183 175 170 148 186
173 183 198 137 142 197 152 165 152
167 173 193 215 134 170 192 190 184
178 192 212 194 168 200 162 170 137
177 140 184 167 145 198 157 205 148
175 202 198 178 144 175 148 195 177
200 160 197 165 171 162 160 145 194
193 165 194 182 153 175 222 172 157
130 165 214 188 172 182 165 173 185
204 186 151 168 193 184 210 183 192
170 158 178 152 196 187 127 195 128 2261
195 196 172 162 167 168 165 186 188 188
202 150 188 174 197 178 162 178 157 180
188 208 143 176 198 187 197 193 188 183
180 183 204 187 190 185 195 160 198 188
194 154 174 223 193 155 208 182 170 172
148 152 178 188 222 153 192 178 180 190
197 166 158 198 204 207 188 193 193 198
183 198 213 175 193 190 196 207 158 202
186 184 173 188 174 194 158 128 195 158
194 187 175 205 185 213 208 202 188 198
175 183 171 208 205 204 175 157 174 187
195 186 186 112 172 168 198 193 200 217
173

tex Smith

C	7725	4543	4841	4879 unclip	4991	4927		6071		4991	
(113)	193	121	174	148	202	192	193	182	182	197	186
194	186	199	177	186	218	195	150	176	194	200	189
178	174	191	198	167	170	172	167	194	214	170	194
181	164	179	206	186	200	184	195	211	150	176	207
168	203	194	195	183	188	171	153	145	179	180	203
173	204	166	192	186	194	182	180	164	184	184	205
182	175	149	165	187	188	174	201	198	156	181	190
163	164	193	194	192	193	195	207	223	183	184	212
192	158	157	205	194	202	186	154	199	173	179	200
184	138	225	146	175	155	168	183	187	161	170	199
162	167	173	213	198	165	160	178	171	205	171	208
184	172	170	178	195	171	162	184	180	162	146	169
178	119	148	189	185	195	178	192	160	175	138	203
195	193	183	173	190	188	176	145	148	182	231	184
156	185	125	145	178	186	183	172	207	206	179	184
182	169	203	159	185	213	203	199	215	214	197	192
198	168	172	166	174	180	190	188	210	190	201	185
165		167	215	190	194	158	160	218	(235)	197	197
179		148	179	168	172	162	139	215	175	205	200
172		139	163	162	183	181	178	182	178	220	220
193		152	187	162	176	223	162	171	173	169	218
170		164	182	187	190	204	172	185	173	185	177
191		179	190	180	208	192	165	176	200	179	187
174		127	176	178	134	170	157	195	184	173	191
178		125	194	178	188	177	193	177	146	168	185
208		179	200	188	183	204	193	191	176	188	182
178		199	178	157	155	185	180	189	183	223	224

153	181	6250		179
187	181			165
215	160			152
140	157			175
173	184			195

(Trapper Lake) Tex Smith Lake 5/29/81

Adipose Clipped fish = 79
Ventral Clipped fish = 251
Unclipped Fish = 461
Total lengths (mm) adipose clipped fish = no lengths taken
Total lengths (mm) unclipped fish = no lengths taken

No averages or ranges, since there are no measurements

% adipose Clipped to Unclipped = $\frac{79}{461}$ = 17.1%

Tex Smith Lake 5/29/81

# Ventral Clipped Fish	
trap 1	12
trap 2	28
trap 3	11
trap 4	56
trap 5	83
trap 6	61
Total	251

# Adipose clipped fish	
trap 1	4
trap 2	19
trap 3	6
trap 4	22
trap 5	18
trap 6	10
Total	79

# Unclipped Fish	
trap 1	7
trap 2	95
trap 3	33
trap 4	125
trap 5	160
trap 6	+1
	461

Tex Smith R.E. pop. estimates 1980

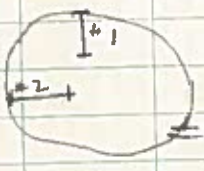
	C_t	R_t	marked fish @ Large mixing Recaps	M_t	$C_t M_t$	$M_t R_t$	$C_t M_t^2$	R_t^2/C_t	$C_t M_t/R_t+1$	
1	26	0	26	0	0	0	0	0	0	107
2	14	0	14	26	364	0	9,464	0	364	106
3	39	0	39	40	1560	0	62,400	0	1560	112
4	7	0	7	79	553	0	43,687	0	553	110
5	121	7	114	86	10,406	602	894,916	0.40	1,301	116
6	64	5	59	200	12,800	1,000	2,560,000	0.39	2,133	118
7	52	10	42	259	13,468	2,590	3,488,212	1.92	1,224	120
8	85	10	75	301	25,585	3,010	7,701,085	1.18	2,326	119
9	43	10	33	376	16,168	3,760	6,079,168	2.33	1,470	MISSED NOT TAKEN
	451	42	409		80,904				1881 ↑ TOTAL	

$$N = \frac{C_t M_t}{R+1} = \frac{80,904}{43} = \frac{1881 \text{ (Pop. estimate)}}{4697 \text{ (stocked)}} = 4004 = 40\% \text{ survival}$$

Done by Wilson Fotheringhame using Al Haines Copy of Schnabel Multiple Census estimates of population size.

6-4-79 TEX SMITH

#1 (1005 hrs) 10:05 a.m.
#2 (1015 hrs) 10:15 a.m.



H_2O temp: 58°F

#1 Pulled 0930 hrs Zero fish
#2 Pulled 0940 hrs 55 - 370 mm ♀

2 3 hrs 25 mm
2 3 hrs 25 mm
46 50 mm

47 total hrs
(0.021 SS per hr.)

370 = ave SS. length

ALASKA
DEPARTMENT OF FISHERIES
229 ALASKA OFFICE BUILDING JUNEAU, ALASKA
C. L. ANDERSON, DIRECTOR

5 Aug. 1955 -

Report On Tex Smith Lake -
Mile 181 - Glenn Highway

total Number of Fish - May - Aug. 4 - 1955 -
12 ±

1 fish - 12" long - 1 3/4 lbs.
1 fish - 14" long - 1 3/4 lbs.

Many fish have been seen breaking water. Quite a few have been biting, but The fishermen can't bring them in.

The screen was checked and cleaned on 4 August 1955 -

Richard Lee Wallace
Fisheries Inspector
Upper Copper River Area

Ted Smith Lake, mile 161, Glenn Hwy

Jan 25, 1956 - 28" ice + 8" overflow, 1' snow

Depth	temp	pH	CO_2	DO
1'	33½	7.5	0.8	7.9
8'	36			

June 11, 1956 - Double O'nite set - deep water -

17.2 f, 16.6 R.M, 16.3 R.M,

9.5 Pipe M, 8.7

7.4, 6.2, 6.2, 6.2, 5.6

Ted Smith - 1956 Catch Records

Date	time	fm	hrs.	fish Size	name
July 11	12 noon	2	1½	1-7, 1-10	McRea
Aug 20	3 pm	2	1	2 10½-12	McRea

4 5 4 — 0.2 fish per hr
0.8 hrs per fish

ch.

Tex Smith Lk - mi 161, Glen Highway

Property Owner: Tex Smith

Acreage - 14+
max depth - 24'

Dec. 2, 1952 - Volumetric survey made.
outlet - small, continuous running
inlet - Reported seepage, also spring runoff.
Access - Smith has agreed to permanent access.
Population - Suckers (reported - believed to be authentic)
Oct. 20 - Lake at ill not frozen over (most others are now)

Tex Smith Lk - 169 Glen Kinney

June 29, 1954 - rooted up outlet

Aug 30, 1954 - fish showing at outlet, up to 10-11" in schools. black band on tail similiar to migrants

June 2, 1954 - Mannich & McRea built screens on outlet of lake

Nov. 13, 14, 1954 - Omit Sets

made sets under 6" ice, no results

Tex Smith Lk (14+ acres)

Planimeter reading – Vernier units = 150 sq. ft

		x 5	# water
0'–5'	4081	18930	181,638,000
5'–10'	3491	16172.5	155,256,000
10'–15'	2978	12777.5	122,664,000
15'–20'	2033	08540	81,984,000
4! 20'–24'	1383		
24'–0'	0047	02860	28,456,000
			569,998,000 lbs water total

@ ½ ppm; 265# + 35# extra = 300# root (5%

Sept. 20 1958

Tex Smith Lake
Sampling Record

	Br	Inches	Lbs. oz
RB	13.7	4.0	
	13.9	5.5	
	34.9	5.7	
	34.5	5.6	
	33.5	5.7	
	40.0	5.9	
	41.4	7.2	
	S.H.?	9.2	-4.5
		9.2	-5.0
		9.5	-5.5
		9.5	-5.5
		9.2	-5.5
		10.4	-8.0
		9.7	-6.5
		10.7	-8.5
		10.2	-7.5
		9.1	-5.5
		10.4	-8.0
		11.9	-11.0
		15.2	1-11.
		16.7	2-5
		18.5	3-2.
		18.5	3-4.5
		21.7	5-4.

Tex Smith.
Catch Record

Date	Time	No of Fm	No Fish	Species - Size.	Hrs.	
July-10	12:45P	report	35	RB 1 10-15"		
Sept 18	12:30P	0				
July 12		2	0		2	Fitz
July 3		2	0		0	"

Tex Smith Lake
Planting Record

Aug. 1-1953	2,174	R.B.	@ 75¢	per	Lg.
Aug. 30-1954	3.900	S.H	@ 99¢	"	"
July. 15-1955	10,015	R.B.	" 3,304	"	" Lot 2
Aug. 28-1955	2,004	S.H.	" 1,458	"	" " 4
Sept. 5-1956	6,080	S.H	" 936	"	" " 6
June 28-1957	12,000	R.B	" 520	"	" " 1
June 20-1958	7,000	R.B	" 1,800	"	" " 3

JUN 2 6 1968

TEST-NETTING SUMMARIES
196 8

FG-53

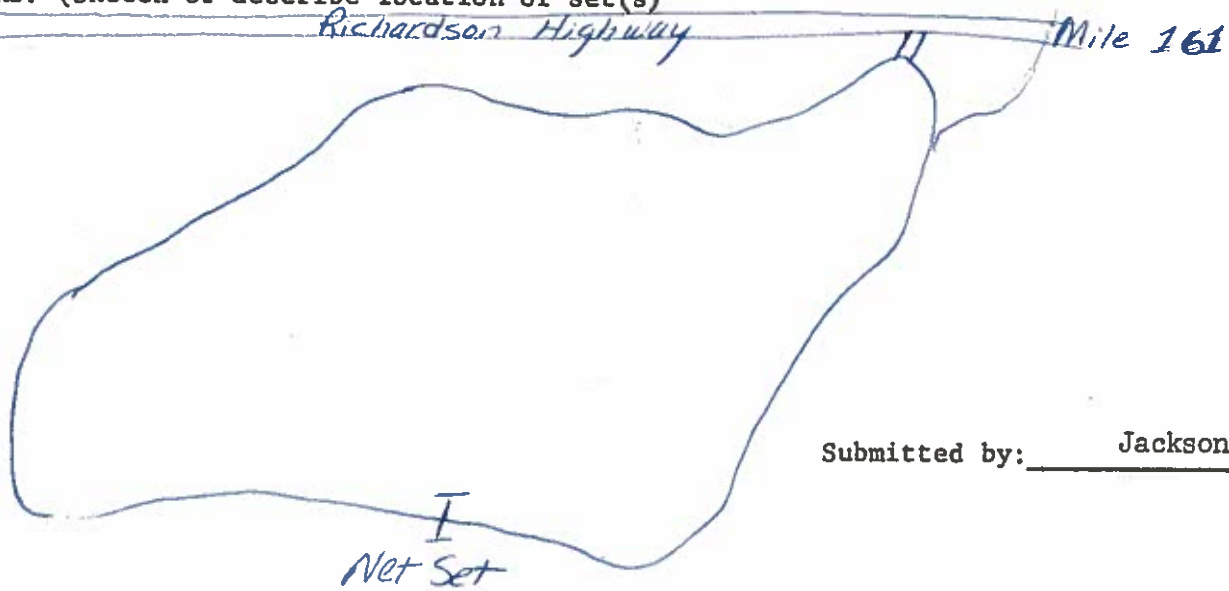
Water: Tex Smith
Location: Glenn Highway Mile 161
Dates: June 12, 1968
Total Hours Fished: 17

Gear Used: Gil Net

Temperature, Air:
Water:
Weather: Clear and sunny

No.	Species	Length Range-Ave.		Weight Range-Ave.		Total Weight	Freq.	% Comp.
11	Rainbow	117-470	377				.65	100%

REMARKS: (Sketch or describe location of set(s)



Submitted by: Jackson

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH

SUPPLEMENTAL DATA

NAME Tom Smith

LOCATION _____

3/24/81 6 cars & 10?a fishing pressure on the Small Swanson RBs

3/29/82 see CREEL CENSUS summary.

12/27/91 Mark & Tim Stadtmiller, Jeff Szarzi & myself fished 3½ hrs kept 4 (3-6", 1-15") released 10-18" Hook & line - eggs

1/2/92 3 anglers / 2 hrs / 10 fish (Toby, Strahmann, Tobyson) 206, 219, 205, 215, 245, 190, 180, 220, 211 (AGE 2) 400 (AGE 4)

BY _____ DATE _____

2/69
FG-217

LENGTH-FREQUENCY

LAKE Trapper's Den Lake LOCATION Glenn Hwy Mi 161 DATE 10 Aug 1978

COLLECTION METHOD One 125' gillnet - beach set - surface water temp 67°F

LENGTH IN MILIMETERS	SS			
25.5-38.1				
38.2-50.8				
50.9-63.5				
63.6-76-2				
76.3-88.9				
89.0-101.6				
101.7-114.3				
114.4-127.0				
127.1-139.7				
139.8-152.4				
152.5-165.1				
165.2-177.8				
177.9-190.5				
190.6-203.2				
203.3-215-9				
216.0-228.6	/ (1)			
228.7-241.3	/ (1)			
241.4-254.0	/ (1)			
254.1-266.7	// (2)			
266.8-279.4	/// (3)			
279.5-292.1	// (2)			
292.2-304.8	/ (1)			
304.9-317.5				
317.6-330.2				
330.3-342.9				
343.0-355.6				
355.7-368.3				
368.4-381.0				
381.1-393.7				
393.8-406.4				
406.5-419.1				
419.2-431.8				
431.9-444.5				
444.6-457.2				
457.3-469.9				
470.0-482.6				
482.7-495.3				
495.4-508.0				
508.1-520.7				
520.8-533.4				
533.5-546.1				
546.2-558.8				
558.9-571.5				
571.6-584.2				
584.3-596.9				
597.0-609.6				
609.7-622.3				
622.4-635.0				
635.1-647.7				
647.8-660.4				
660.5-673.1				
673.2-685.8				
685.9-698.5				

Use other side of ~~sheet~~ for larger fish

(11)

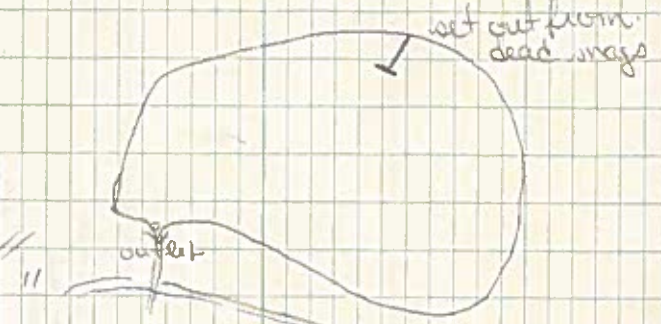
Trapper's Den Lake

test net set 1230 hr 9 Aug 78
(95th set) pulled 1330 hr 10 Aug 78
surf temp water 67° F

SS

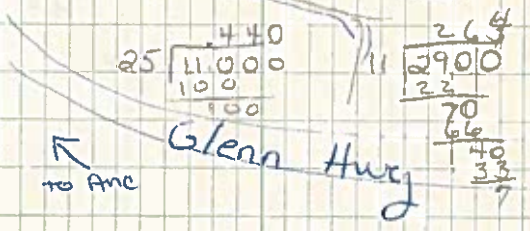
225 mm
267
233
243
269
300
283
260
282
260
278
2900

Comp 100%
Freq .440
Range 225-300
Avg length 264 mm



$$25\overline{)11.000} = .440$$

$$11\overline{)2900} = 264$$



L - Jct. L. RT

set 11:30 A.M. 5/31/83 11 traps

pulled 4:50 P.M. 6/3/83

total time 72 hrs X 11 traps = 792 trap hrs.

total catch 81 RT

C.P.U.E. = 0.10

mean length = 80.4 mm

length range 55 - 105 mm

total recaptures 9

7-14 Little Jct. L.

total trap hours 441

total RT trapped 29

RT recaptured 9

RT unclipped 20

mean length 121

length range 105 - 155

Freq. 0.07

Tex Smith L. RT

set 1:30 PM [illegible] traps

- set 9 more traps 2:30 PM 6/1/83

- set 4 " " 3:30 PM [illegible]

pulled 1:30 PM 6/3/83

total time 331 trap hrs.

total catch 370 RT

C.P.U.E. = 0.20

mean length 95.3 mm

length range 66 - 220 mm

total recaptures 48

7/13 Tex Smith

total trap hours 1035

total RT caught 180

RT recaptured 34

RT unclipped 146

Freq. 0.17 fish/hr.

Mean Length 122 mm

Length Range 75-210