ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH

FISH SAMPLING SUMMARY

WATER NAME Three-Mile Lake

LOCATION Chitina

DATE	TYPE GEAR	FISH SPECIES*	AGE CLASS	NUMBER IN SAMPLE	HOURS OF EFFORT	LENGTH RANGE MM	MEAN LENGTH MM	Freq. WEIGHT RANGE	Comp. MEAN WEIGHT
7/8/60	125' Gill Net	GR		16	177	203-170	178	0.09	100
8/2/61	Exp.	GR		12	27	216-127	160	0.44	34
		RB		21	27	229-173	198	6.77	58
		SS		3	27	175	175	0.11	8
6/25/65	125' Exp	RB		4	24	249-208	229	0.08	6
		GR		64	24	218-180	201	1.33	94
6/23/66	100' Gill Net	GR		52	229-188	208		1.08	88
		RB		7	48	310-183	239	0.29	12
8/15/78	125' Gill Net	GR		99	28	109-240	173	3.54	94.3%
		RB		6	28	220-290	242	0.21	5.7%
8/7/81	1-125' Gill Net	GR		58	17.5	122-255	218	3.31	91%
		RB		6		175-380	278.6	.40	9%
9/30/81	1-125 Gill Net	GR	Fish sent to Pathology for Egg Take	46	24	190-265	244	1.9	94%
		RT		3		250-280	268	0.1	6%
1981 TOTALS	=	GR		104	41.5	122-265	231	2.50	92%
		RT		9		175-380	274	0.22	8%
5/17/82 - 5/21/82	FYKE NETS	GR	Did not use all sample	63	173.5			0.36	63%
		RB	Did not use all of sample	27	"	240-500	324	0.16	27%
5-26-99		[redacted] GR		9	24	194-265	248	.38	9%
		RB		100	24	134-380	255	4.17	91%

*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-210

KENNEDY
BOE

THREE MILE LAKE (CHENA) CATCH DATA

DATE	H$_2$O °F	% ICE COVER	# FYKE NETS	CUMULATIVE HRS. FISHED	SPECIES TOTAL
5/17/82	39°	70	2	—	—
5/18/82	39°	70	2	20.5	0
5/19/82	39°	60	2	38.5	29 GRAYLING 06 RAINBOWS
5/20/82	39°	50	3	59.0	21 GRAYLING 13 RAINBOW
5/21/82	40°	50	3	55.75	13 GRAYLING 08 RAINBOW
				TOTALS 173.75 hrs	TOTALS 63 GRAYLING 27 RAINBOWS

COMBINED TOTALS:

HOURS FISHED → 173.75 hrs

FISH CAUGHT → 63 GRAYLING

27 RAINBOW TROUT
100 TOTAL

C.P.U.E. 0.36 FISH/NET HR GRAYLING

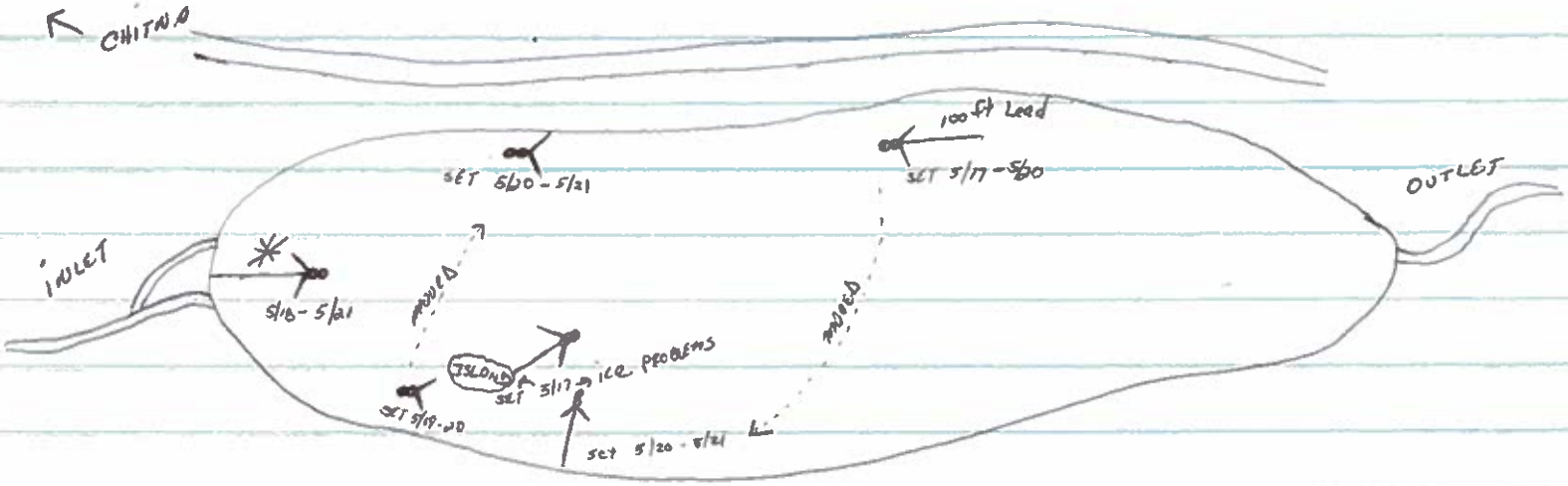
0.16 FISH/NET HR RAINBOW TROUT

% CATCH GRAYLING → 63%

RAINBOW → 27%

RAINBOW TROUT : AVG LENGTH – 323.81 mm

RANGE – 240 mm – 500 mm



* NET SET BY INLET → MOST PRODUCTIVE, ONLY SET WE COULD REGULARLY CATCH FISH

16 OF 27 <u>RAINBOWS</u> WERE MEASURED & SCALE SAMPLES TAKEN

SIZE IN mm:

240	305	340
275	310	375
275	315	390
280	315	500
300	325	
301	335	

LENGTH-FREQUENCY

LAKE Three Mile Lake LOCATION Chitina DATE 15 Aug 1978

COLLECTION METHOD One 125' Gillnet

LENGTH IN MILIMETERS	SPECIES GR	Rb			
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	/ (1)				
114.4-127.0	𝍸 𝍸 𝍸 𝍸 (20)				
127.1-139.7	𝍸 𝍸 / (11)				
139.8-152.4	/ (1)				
152.5-165.1	/ (1)				
165.2-177.3	𝍸 𝍸 (10)				
177.9-190.5	𝍸 𝍸 𝍸 (15)				
190.6-203.2	𝍸 𝍸 𝍸 /// (18)				
203.3-215-9	𝍸 //// (9)				
216.0-228.6	𝍸 // (7)	//	(2)		
228.7-241.3	𝍸 / (6)	//	(2)		
241.4-254.0					
254.1-266.7		/	(1)		
266.8-279.4					
279.5-292.1		/	(1)		
292.2-304.8					
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 (99) (6)

Three Mile Lake
(Chiting Rd)

Testnet set 14 Aug 1978 1315 hr
surf water temp 15°C
pulled 15 Aug 78 1700 hr

GR	GR	GR	GR	GR	GR	RB
183	192	188	221	173	214	290
212	193	171	132	120	131	223
205	171	120	124	120	214	220
171	193	123	212	134	120	256
164	208	129	200	128	182	230
220	125	197	194	121	234	232
222	191	184	240	194	129	
217	174	175	183	196	175	
133	122	116	160	188	122	
192	195	122	121	181	129	
240	220	175	180	213	196	
224	123	120	133	190	205	
200	109	181	182	200	130	
192	136	173	194	116	178	
226	119	232	125	144	195	
237	194	124	181	115	178	
215	180	129	2791	2631	2732	
3453	2845	2659				

GR Range 109-240 RB Range 220-290

GR - avg length 172.8 ⇒ 173
Freq 3.536
Comp 0.943

RB avg length = 241.8 ⇒ 242
Freq 0.214
Comp 0.057

