LAKE AND STREAM INVENTORY FORM

Name: Myrtle Creek

Catalog no.: 102-30-77

USGS map: Craig A-1-34

Former no(s).:

Latitude: 55° 04' 06"

Drainage area: 5.5 sq. miles

Longitude: 132° 07' 51"

No. lakes in system: 7 + ponds

Location description: Niblack Anchorage off Moira Sound

SIZE AND ELEVATION OF LAKES IN SYSTEM:

Lake Identification	Myrtle Lake	Niblack Lake	3rd Lake	4th Lake	5th Lake	No stream Lake SE of Niblack	Lake W of Niblack	
Size (acres)	120	400	10	85	50	10	10	
Elevation (feet)	92	460	600-630	630	1200-1400	500-600	600-700	

LENGTH AND GRADIENTS OF STREAMS IN SYSTEM:

Stream Identification	IT2 to Myrtle	3 Undefined Channels Draining N. Black L.	N. Black to 3rd	3rd to 4th	4th to 5th	North Myrtle Lake Trib	South Myrtle Lake Trib	
Length (miles)	0.3	0.4	0.2	0.1	0.6	0.5	0.8	
Gradient (ft./mi.)	300	1020	775	150	1200	1600	1100	

SPECIES OF FISH PRESENT: Dolly Varden

SPAWNING DATA:

Species				
Escapement				
Timing				

PROMINENT PHYSICAL FEATURES OF STREAM:

LAND USE OF AREA: Copper Mining in area at one time

See Geology of the Niblack Anchorage Area, Southeastern Alaska by Gordon Herreid
Division of Mines & Minerals - Geologic Report #5
Department of Natural Resources, State of Alaska
May 1964

(over)

PRELIMINARY LAKE SURVEY DATA FORM

Name: Myrtle Lake Date: 7/6/78 and 7/7/78

Code No.: 102-30-77

Location: Moira Sound Weather Conditions: Light rain

I. Physical Data

1. Lake bathymetry a) Completed [xx] b) No. of Transects 6

2. Temp.
   a) Surface Inlet °C. 10.0
   b) Surfact Outlet °C. 15.0
   c) Bottom (46') °C. 5.5
   d) Mid-depth (24') °C. 8.5
   e) Air °C.
   Lake surface 15.0

3. Temp. Profile Taken [Yes]
   Location Thermograph marker

4. Secchi disc reading (Time _____)

Location	Out Depth	In Depth	Overage
Thermograph marker	36'4"	34'2"	35'3"

5. Discharge cfs

   Inlet 43 15' wide, 10"deep, 41' in 11 secs.
   4 pictures of inlet 41' in 13 secs.

   Outlet 120 2 pictures of falls barrier
   24' wide, 12" deep, 5'/sec.

II. Chemical Data

1. Dissolved Oxygen
   a) Surface Inlet 10.9
   b) Surface Outlet 10.0
   c) Bottom (deepest)
   d) Mid Depth

   D.O. Profile Completed [No]
   Meter inoperative
   Location

2. pH 7.5 Location Sampled Thermograph marker

3. Conductivity 32 um HOS Location Sampled " "

4. Hardness 17 mg./l Location Sampled " "

5. Alkalinity 14 mg./l Location Sampled " "