

PEAK ESCAPEMENT RECORD

Pond Creek
101-23-65

| DATE | PINK | CHUM | OTHER SPECIES | REMARKS |
|----------|--------|-------|---------------|--|
| 9-24-40 | 100 | | | |
| 10-2-48 | 20,000 | | | |
| 10-10-50 | 1,095 | 10 | | 665 dead pinks, 60 dead chums. |
| 9-12-51 | 5,000 | 109 | | 5000 off mouth. |
| 9-22-52 | 1,400 | 360 | | 300 dead chums. |
| 9-24-53 | 2,400 | 1,550 | | 350 dead pinks, 200 dead chums. |
| 9-16-54 | 5,800 | >200 | | Several 100 off mouth. 100 dead pinks. |
| 9-26-55 | 8,000 | | | Some chum, 2000 off mouth. |
| 9-24-56 | 10,000 | | | >200 dead chums. Some chum, 2-3000 at mouth. |
| 9-24-57 | | 1,200 | | 200 dead chums. Few pink. |
| 9-4-64 | | | | 1200 @ mouth. Vis. poor-water dark. |
| 8-27-65 | | | | Visibility good. |
| 8-26-70 | | | | 1000 @ mouth. Vis. poor. |

Name Pond Bay Creek Catalog No. 101-23-65
 Latitude N 54° 57' 20" WR No. 106B
 Longitude W 131° 20' 29" K No. K106
 Geodetic Map No. Prince Rupert D-5 Work Area Ketchikan
 Location Duke Is. head of Pond Bay Watershed Length _____
 Drainage Area of Watershed _____
 Water Supply Type Precipitation fed with several small lakes.

Trails & Survey Routes Although the banks are very brushy the stream can be walked relatively easy at low or normal water levels.
 Aerial Survey Notes The stream water is normally very dark and much of the stream is masked by a canopy of brush and trees.
 Anchorage in Pond Bay.

Tide Stage When Surveyed Low.

FISHERY RESOURCES

Commercial Fisheries Pink, chum and some coho. Note: Spawning success may depend on water levels in the creek which are very variable.
 Escapement 10-2-48, 20,000 pinks, 9-26-55, 8,000 pinks - 1,000 chum, 9-24-56 10,000 pinks., 9-24-57, 6000 chum. Spawning area = 3205 m². (1300'x20'x75% ASA upstream) plus (1000' s 30' x 50% ASA intertidally)
 Species composition: Mainly pink. Chum have made up as much as 50%. Few coho
 Timing Mid to late September normally.
 Schooling areas Several small pools near the high tide marks.

Shellfish Potential Clams and crab are present on the extensive flats in Pond Bay.

Sport Fisheries Very limited if any. Some of the lakes on Duke Island contain cutthroat.

Land Use at Present None

History of Land Use Unknown

Rehabilitation Potential None needed to increase production.

Soils Generally stable but some bank cutting is evident.

GAME RESOURCES

| | | |
|--------------|---|-----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | <u>40</u> |
| | Number of droppings | _____ |
| Geese ----- | Number seen on tide flats | _____ |
| | Number seen up creek | _____ |
| | Number of broods seen | _____ |
| Mallards --- | Number seen on tide flats | <u>5</u> |
| | Number seen up creek | _____ |
| | Number of broods seen | _____ |
| Mergansers - | Number of broods seen | _____ |
| Bald Eagles- | Number seen along creek | <u>1</u> |
| | Number of nests seen and location | _____ |
| Seals ----- | Number seen at mouth of stream | <u>3</u> |
| Tide flats - | Estimate length along beach | _____ |
| | Estimate depth out from beach | _____ |
| | Eel grass present on what percent of flats | _____ |