

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
West Glacier, Montana 59936

N16

September 26, 1967

Memorandum

To: Park Rangers
From: Chief Park Ranger
Subject: Fishery Management

As the fishing season is almost over, please remove all creel boxes from posts by October 15. Boxes should be stored in a safe dry place and needed repairs made during the winter.

We are again asking area Rangers to estimate angler-use-days for each individual lake and stream fished to any degree during the 1967 summer. An angler-use-day is defined as one person fishing for any length of time during one day. Angler-use-day estimates from subdistricts should reach me no later than November 15, 1967.


Ruben O. Hart

NO. 12225
LIBRARY OF
GLACIER NATIONAL PARK
WEST GLACIER, MONTANA
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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Glacier National Park
West Glacier, Montana 59936

February 1968

SUMMARY OF FISHERY MANAGEMENT OBJECTIVES

The primary purpose of Glacier National Park is to preserve natural terrestrial and aquatic environments for the benefit of mankind.

Fishing is encouraged when consistent with preservation and restoration of natural aquatic environments, native fishes and other aquatic life. Park protection and management objectives relating to fish and aquatic environments are summarized as follows:

1. To maintain and restore, where necessary, natural aquatic environments as they existed prior to 1900. Emphasis will be placed on restoring native fish populations to representative waters.
2. To provide quality recreational angling for wild fish as part of the visitor's overall Park experience.
3. To ensure that man's consumptive use of native fishes will not interfere with natural food chain relationships between aquatic organisms and native birds and mammals.
4. To encourage appreciation for, and interest in, preservation of native fishes in natural unspoiled aquatic habitats.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Glacier National Park
West Glacier, Montana 59936

March 15, 1968

Memorandum


To: Park Rangers

From: Chief Park Ranger

Subject: Long Range Aquatic Resources Management Plan

Attached is a copy of the recently completed Long Range Aquatic Resources Management Plan. The Plan outlines Service-wide objectives for aquatic resources management in Natural Areas, lists research needs, codes and classifies Park lakes for management purposes and outlines fishery management programs for the next nine years. A base map is available in the Biologist's office. Time permitting, base maps will also be prepared and distributed to field stations.

Please become familiar with the general contents of this management plan of individual lakes and streams in your management area. This copy is to remain at your Ranger Station. Any changes or corrections will be made by sending you correction pages from time to time.


Ruben O. Hart

Glacier National Park
West Glacier, Montana 59936

April 15, 1968

Memorandum

To: Park Rangers and Naturalists
From: Chief Park Ranger
Subject: Fishery Management - 1968

Fishing Regulations

Proposed changes in Glacier's special fishing regulations, submitted in October 1967, have not as yet been approved. Therefore, other than a few minor opening date changes, there will be no changes from last year.

Estimated angler-use days

Field Rangers in charge of the Waterton, Belly River, Many Glacier, St. Mary, Two Medicine, Middle Fork, McDonald and North Fork areas of the Park are again being asked to submit estimates of fishing activity for the 1968 season. Estimates for angler-use days for each individual fishable lake and stream in your area should be submitted in report form by December 1, 1968. An angler-use day is defined as one person fishing for any length of time during one day. Estimates can be based on, (1) observations by yourself and seasonal employees, (2) campfire permits issued to those staying overnight adjacent to fishable lakes and streams, and (3) number of creel returns received from individual waters.

Fish Stocking

Five lakes (exclusive of Cameron, Waterton and Lower Two Medicine) will be stocked as follows:

<u>Lake</u>	<u>Species</u>	<u>Number*</u>	<u>Size</u>	<u>Date</u>
McDonald	cutthroat trout	203	5"	April
Bowman	cutthroat trout	93	5"	May-June
Kintla	cutthroat trout	87	5"	May-June
Lost	rainbow trout	1	4"	June
Two Medicine	rainbow trout	15	4"	June

* in thousands

Rangers concerned with these plantings will be kept informed of stocking dates and assistance required from them.

Fins will be clipped to mark and identify hatchery fish so as to properly evaluate the program of reintroduction of native west-slope cutthroat into Kintla, Bowman and McDonald Lakes. Marking schedule:

<u>Lake</u>	<u>Fin Removed</u>
McDonald	adipose
Bowman	right pelvic
Kintla	left pectoral

Please look for these missing fins during the next few years when checking your own or visitor's catch, and list this information along with total length of these marked fish on creel census forms. In addition to the above-listed marked fish, some 55,000 cutthroat released in Lake McDonald in June 1967 had their left pelvic fin removed.

Angler-Use Studies

The creel census program will be intensified on some waters and eliminated on others in order that more and better information can be obtained from "management lakes" and the more important (from the fishing standpoint) back-country lakes.

Creel census form dispensing boxes will be installed and operational at the following locations on the opening date for that particular water:

North Fork

1. Foot of Kintla Lake as before.
2. Head of Kintla Lake along trail near patrol cabin.
3. Foot of Bowman Lake as before.
4. Foot of Bowman Lake at trailhead to Quartz Lake.
5. Logging Lake trailhead as before.

McDonald

1. Camas Creek trailhead at North Fork Road as before.
2. Camas Creek trailhead at head of Lake McDonald as before.
3. Boat concessioner at Apgar. New-type box placed on shore.
4. Boat launch ramp at Apgar as before.
5. Along lower McDonald Creek either at Quarter Circle or Apgar bridge (or both).

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3. Foot of Bowman Lake as before.
4. Foot of Bowman Lake at trailhead to Quartz Lake.
5. Logging Lake trailhead as before.

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1. Camas Creek trailhead at North Fork Road as before.
2. Camas Creek trailhead at head of Lake McDonald as before.
3. Boat concessioner at Apgar. New-type box placed on shore.
4. Boat launch ramp at Apgar as before.
5. Along lower McDonald Creek either at Quarter Circle or Apgar
bridge (or both).

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Glacier National Park
West Glacier, Montana 59936

September 10, 1968

N/423

Memorandum

To: Park Rangers
From: Chief Park Ranger
Subject: Fish management

Creel census boxes should be taken down after the last day of the fishing season and stored in a safe place for the winter. This is especially important in areas where porcupines might devour the boxes during the course of the winter. Boxes should be repaired, if necessary, before next summer. Extensive repairs will require a work order. Please see that all completed Angler Catch Reports are forwarded to the Resources Management Ranger by the end of the season.

You are reminded that the report of estimated angler-use days is due by mid-November or so. Please estimate angler use of each lake or stream known to have been fished in your area. An angler-use day is one fisherman fishing for any length of time during one day.


Ruben O. Hart