

S
799
F2br
1968-1970

Montana Fish and Game Department



STATE GOVERNMENT COLLECTION

MONTANA STATE LIBRARY
1515 E. 17th AVE.
HELENA, MONTANA 59620

FINANCES
&
HIGHLIGHTS

1968-70

MONTANA STATE LIBRARY



3 0864 0016 1686 4

January, 1971
Montana Fish & Game Department

Governor

Forrest Anderson

Fish & Game Commission

Hugh G. (Bud) King.....Chairman
Joseph J. McCaffery, Jr.....Vice-Chairman
Raymond (Pete) Clausen.....Member
Joseph J. Klabunde.....Member
Patrick J. McDonough.....Member

Fish & Game Department

Frank H. Dunkle.....Director
Keith Freseman.....Deputy Director

Staff

James Pozewitz.....Environmental Resources
Art Whitney.....Fisheries
Wynn Freeman.....Game
H. Max Stone.....Information-Education
Orville Lewis.....Law Enforcement
Wesley Woodgerd.....Recreation-Parks

Index

	Page
Organization.....	2
Law Enforcement.....	3
Violations.....	4
Environmental Resources.....	5
Fisheries.....	6
Hatchery System.....	7
Game Management.....	12
Game Harvest (1963-1969).....	15
Rabies.....	16
Information-Education.....	20
Recreation-Parks.....	21
License Sales Chart.....	26
Major Income.....	27
Detail of Expenditures.....	31

LAW ENFORCEMENT

Some major changes were implemented during 1969 and 1970 including the following:

A new license structure was developed in accordance with the provisions adopted by the 1969 legislature.

The administration of the license section was transferred to the law enforcement division and an all out effort was made by all enforcement personnel to see that the new license structure functioned properly.

A courtesy citation was introduced during the summer of 1969 in an effort to improve the overall wildlife enforcement program.

This period also saw additional warden time spent enforcing the provisions of the litter law on private property open to recreationists and enforcement of state recreation area regulations.

Fish and Game Violations by Supervisor Districts

	May 1, 1968 through <u>April 30, 1969</u>	May 1, 1969 through <u>April 30, 1970</u>
District No. 1	269	283
District No. 2	474	369
District No. 3	510	453
District No. 4	481	471
District No. 5	429	378
District No. 6	180	158
District No. 7	<u>143</u>	<u>106</u>
Total.....	2,477	2,213
Others.....	9	5

Fish and Game Violations by Type of Violation

	May 1, 1968 through <u>April 30, 1969</u>	May 1, 1969 through <u>April 30, 1970</u>
Closed Season or Area.....	476	287
Illegal Means.....	234	239
Waste of Fish or Game.....	48	43
Improper Tagging.....	243	175
Improper License, No License, or Transfer...	844	829
Exceeding Limit.....	79	42
Careless or Reckless Acts.....	187	199
Life Preserver.....	198	162
No Red Clothing.....	13	8
Miscellaneous.....	111	151
Violation Ice House Regulations.....	10	--
Nonresident Not Accompanied by Resident.....	--	10
Hunting on Private Land Without Permission..	42	71
Outfitter Responsibility.....	<u>1</u>	<u>2</u>
Total.....	<u>2,476</u>	<u>2,213</u>

Fish and Game Fines by Type of Violation

	May 1, 1968 through <u>April 30, 1969</u>	May 1, 1969 through <u>April 30, 1970</u>
Closed Season or Area.....	\$10,929.50	\$ 7,021.50
Illegal Means.....	5,278.60	6,426.50
Waste of Fish or Game.....	1,373.50	857.00
Improper Tagging.....	5,298.15	3,848.30
Improper License, No License, or Transfer...	17,525.80	16,625.26
Exceeding Limit.....	2,349.50	1,393.50
Careless or Reckless Acts.....	2,685.75	2,944.70
Life Preserver.....	2,010.90	1,489.10
No Red Clothing.....	28.50	16.00
Miscellaneous.....	2,700.00	3,221.50
Violation Ice House Regulations.....	122.00	--
Nonresident Not Accompanied by Resident.....	--	246.50
Hunting on Private Land Without Permission..	766.00	1,547.75
Outfitter Responsibility.....	<u>--</u>	<u>71.50</u>
Total.....	<u>\$51,068.20</u>	<u>\$45,709.11</u>

ENVIRONMENTAL RESOURCES

As a result of Montana's growing awareness of environmental stresses, the Fish and Game Commission created within the department an Environmental Resources Division. The division is to be concerned with the environmental aspects of the fish and wildlife program. Fish and Game Commission minutes state, "This division would assume the authority for special planning projects such as the Smith River, pollution, the administration of the stream preservation law, review of water projects within the state, pesticides, and other environmental problems as they arise."

FISHERIES MANAGEMENT

The loss of fish habitat through stream alteration, competition for water, siltation and other forms of pollution still remains the major concern of fisheries biologists.

Research dividends were realized on the Madison River where survival of wild trout was improved because of better water flows in the river. The improved flows were due to regulated releases of water from Hebgen Reservoir by the Montana Power Company.

Tagging programs have disclosed that paddlefish which provide good fishing at Intake on the Yellowstone, are migrants from Garrison Reservoir in North Dakota. Tagged fish were also recovered from dredge cuts in the Missouri below Fort Peck Reservoir.

Regulations were established in 1970 which allowed winter spearfishing for pike, walleye, sauger and rough fish in some areas. Spearing proved to be very popular with Montanans.

Research on Flathead Lake showed that annual fluctuations of climate and, in turn, water temperatures have a considerable effect on the patterns of kokanee distribution. This knowledge can increase the success of sports fishermen.

A book describing Montana fishes, which has been in production stages for several years, was submitted to printers and should soon be available to the public. This very complete description of Montana fishes involves 52 native species and 28 introduced species. It is a cooperative project of Dr. C. J. D. Brown, M.S.U., the Agricultural Experiment Station and the Montana Fish and Game Department.

HATCHERY SYSTEM

During the biennium state fish hatcheries have continued to work toward the improvement of brood stock held at the various stations so that quality fishing will result from fish planted in state waters.

The rainbow trout brood at the Arlee hatchery represent approximately 18 years of selective breeding for such qualities as good growth rate, survival, good coloration and body form and resistance to disease. Over the years, spawning periods have been adjusted so that eggs will be available to provide the proper size fish for stocking at the proper time.

More recent stocks of westslope cutthroat are developing well after several years of investigations into finding a pure strain of this important species.

Because many states have had serious problems with fish disease in their hatcheries, Montana has taken all precautions to keep our stations disease free. Actually, relatively few fish eggs are imported into state fish hatcheries and those that are must be inspected and certified free of infection at the point of shipment.

The Department has purchased an artesian well site near Creston, Montana and development there will progress as funds are available.

Negotiations are continuing with the Corps of Engineers relative to the location of a hatchery to be provided by the Corps in mitigation for fishery losses due to the construction of the Libby Dam.

FISH PLANTED BY STATE & FEDERAL HATCHERIES
 Calendar Years 1969-1970

State Hatcheries

	1969	1970		1969	1970
<u>Rainbow Trout</u>			<u>Brook Trout</u>		
2".....	261,834	23,680	3".....	- -	30,109
3".....	375,072	788,837	4".....	- -	36,428
4".....	1,177,793	1,075,342	5".....	- -	1,140
5".....	710,263	791,289	7".....	273	- -
6".....	263,783	847,318	Total.....	<u>273</u>	<u>67,677</u>
7".....	107,309	88,743			
8".....	187,108	93,952	<u>Kokanee</u>		
9".....	243,015	377,163	1".....	4,621,538	3,620,509
10".....	285,295	195,973	Total.....	<u>4,621,538</u>	<u>3,620,509</u>
11".....	56,481	97,228			
12".....	- -	547	<u>Silver Salmon</u>		
14".....	1,554	2,353	(Coho)		
15".....	500	- -	3".....	252,882	- -
20".....	- -	992	4".....	24,880	179,250
24".....	343	- -	6".....	48,990	- -
26".....	453	- -	14".....	738	- -
28".....	331	- -	Total.....	<u>327,490</u>	<u>179,250</u>
Total.....	<u>3,671,134</u>	<u>4,383,417</u>			
<u>Cutthroat Trout</u>			<u>Grayling</u>		
1".....	110,401	50,706	1".....	15,000	150,000
2".....	192,782	11,648	3".....	- -	47,442
3".....	107,823	107,360	Total.....	<u>15,000</u>	<u>197,442</u>
4".....	12,078	79,903			
5".....	91,692	71,422	<u>Brown Trout</u>		
6".....	31,060	6,502	4".....	- -	118,521
7".....	52,617	15,640	5".....	- -	2,750
8".....	4,680	843	Total.....	<u>- -</u>	<u>121,271</u>
9".....	9,755	- -			
10".....	2,720	- -	<u>Splake</u>		
12".....	2,144	- -	4".....	- -	25
14".....	694	- -	Total.....	<u>- -</u>	<u>25</u>
15".....	546	- -			
Total.....	<u>618,992</u>	<u>344,024</u>	<u>Transplants--</u>		
			<u>Northern Pike</u>		
<u>Cutthroat Eyed</u>			3".....	- -	51
Eggs.....	636,632	- -	4".....	- -	7,788
Total.....	<u>636,632</u>	<u>- -</u>	5".....	- -	3,000
			Total.....	<u>- -</u>	<u>10,839</u>

	<u>1969</u>	<u>1970</u>
<u>Largemouth Bass</u>		
2".....	- -	55
3".....	- -	665
5".....	- -	406
5".....	- -	626
0".....	- -	88
Total.....	<u>- -</u>	<u>1,840</u>
<u>Smallmouth Bass</u>		
9".....	- -	11
Total.....	<u>- -</u>	<u>11</u>

	<u>1969</u>	<u>1970</u>
13".....	1,373	- -
16".....	- -	2,045
Total.....	<u>826,634</u>	<u>410,071</u>
<u>Brook Trout</u>		
2".....	- -	24,000
3".....	- -	57,500
Total.....	<u>- -</u>	<u>81,500</u>
<u>Lake Trout</u>		
3".....	107,463	66,700
Total.....	<u>107,463</u>	<u>66,700</u>

Federal Hatcheries

	<u>1969</u>	<u>1970</u>
<u>Rainbow Trout</u>		
3".....	137,608	117,200
4".....	663,950	34,950
5".....	245,308	- -
5".....	97,325	- -
7".....	85,880	106,650
8".....	202,866	77,732
9".....	11,920	50,584
0".....	100,819	147,300
1".....	33,713	67,873
2".....	4,561	29,785
3".....	800	6,620
5".....	2,112	130
6".....	500	7,049
7".....	3,630	1,500
8".....	1,210	- -
9".....	1,645	1,500
0".....	267	- -
1".....	- -	500
4".....	1,600	- -
5".....	- -	269
6".....	- -	900
Total.....	<u>1,595,714</u>	<u>650,542</u>

<u>Largemouth Bass</u>		
1".....	14,450	2,000
2".....	4,800	2,000
Total.....	<u>19,250</u>	<u>4,000</u>

<u>Smallmouth Bass</u>		
1".....	5,000	- -
2".....	2,805	1,950
Total.....	<u>7,805</u>	<u>1,950</u>

<u>Bluegill</u>		
3".....	- -	1,140
4".....	2,000	- -
6".....	- -	490
Total.....	<u>2,000</u>	<u>1,630</u>

<u>Walleye Pike</u>		
Fry.....	518,000	- -
2".....	92,480	- -
Total.....	<u>610,480</u>	<u>- -</u>

<u>Northern Pike</u>		
Fry.....	1,788,000	2,325,000
2".....	491,360	- -
3".....	31,840	2,420
8".....	- -	75
12".....	55	- -
Total.....	<u>2,311,255</u>	<u>2,327,495</u>

<u>Catfish</u>		
2".....	- -	7,000

SUMMARY OF COMMERCIAL FISH CATCH

<u>Fort Peck Res.</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>
<u>Olaf Negaard</u>			
Buffalo.....	327,300	221,687	275,630
Carp sucker.....	80,324	53,347	49,440
Carp.....	3,460	7,123	5,270
Drum.....	4,875	9,308	18,090
Catfish.....	5,709	3,208	1,340
Burbot.....	170	- -	- -
Suckers.....	- -	80	- -
Total.....	<u>421,838</u>	<u>294,753</u>	<u>349,770</u>
<u>Nephi Grasteit</u>			
Buffalo.....	32,954	60,846	29,130
Carp sucker.....	800	3,167	1,670
Carp.....	- -	5,500	930
Drum.....	420	2,110	1,020
Catfish.....	- -	575	840
Suckers.....	- -	100	60
Goldeye.....	200	18,011	8,230
Total.....	<u>34,374</u>	<u>90,309</u>	<u>41,880</u>
<u>Austin & Christensen</u>			
Buffalo.....	- -	- -	19
Carp.....	- -	- -	48
Suckers.....	- -	- -	698
Goldeye.....	- -	78,151	21,774
Total.....	<u>- -</u>	<u>78,151</u>	<u>22,539</u>
<u>Darrell & Gregg Menge</u>			
Goldeye.....	28,715	66,815	37,598
Total.....	<u>28,715</u>	<u>66,815</u>	<u>37,598</u>
<u>Carl Schoenberger</u>			
Buffalo.....	- -	- -	44
Carp.....	- -	- -	7
Catfish.....	- -	- -	7,460
Total.....	<u>- -</u>	<u>- -</u>	<u>7,511</u>

<u>Totals for</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>
<u>Fort Peck Res.</u>			
Buffalo.....	360,254	282,533	304,823
Carp sucker.....	81,124	56,514	51,110
Carp.....	3,460	12,623	6,255
Drum.....	5,295	11,418	19,110
Catfish.....	5,709	3,783	9,640
Burbot.....	170	- -	- -
Sucker.....	- -	180	758
Goldeye.....	<u>28,915</u>	<u>162,977</u>	<u>67,602</u>
Total.....	<u>484,927</u>	<u>530,028</u>	<u>459,298</u>

Yellow Water Res.
Olaf Negaard

Bullheads.....	<u>6,140</u>	<u>32,887</u>	<u>840</u>
Total.....	<u>6,140</u>	<u>32,887</u>	<u>840</u>

Lake Helena
Nephi Grasteit

Carp.....	854,250	257,917	256,090
Suckers.....	<u>3,500</u>	<u>4,260</u>	<u>22,190</u>
Total.....	<u>857,750</u>	<u>262,177</u>	<u>278,280</u>

Nelson Res.
Nephi Grasteit

Buffalo.....	- -	- -	670
Carp.....	- -	- -	20,700
Goldeye.....	<u>- -</u>	<u>- -</u>	<u>930</u>
Total.....	<u>- -</u>	<u>- -</u>	<u>22,300</u>

Medicine Lake
Nephi Grasteit

Carp.....	<u>- -</u>	<u>- -</u>	<u>12,066</u>
Total.....	<u>- -</u>	<u>- -</u>	<u>12,066</u>

GAME MANAGEMENT

Big Game

Numbers of hunters indicated by questionnaires shows a general increase in elk hunters from 1963 to 1969 (66,622 to 73,848 respectively) and a slight increase in deer hunters (124,831 in 1963 and 128,177 in 1969). Numbers of moose, sheep and goat hunters have remained about constant for the years 1967 through 1969. In the case of antelope hunters, there was an increase from 1968 to 1969. The number of hunters pursuing the latter four species are governed by the number of permits available.

Population densities and reproductive indices of those big game species regulate permit numbers. Because weather and big game distributions affect individual hunting seasons, harvest figures must be viewed over several years to show meaningful trends.

Big game populations in the state are still being maintained at levels which provide some of the finest hunting anywhere while insuring perpetuation of the various species. This is being done in the face of ever increasing demands both by hunters for the animals and by other interests for their habitat.

Upland Game Birds

Harvest of game birds over the past few years reflects the normal population fluctuation of the species. Total birds harvested in 1969 increased from that of 1968 by some 70,000.

Birds are very sensitive to changes in habitat conditions, including weather, and their response to such changes is often manifest in drastic fluctuations of population levels. Such fluctuations affect the size of the harvest. In general, Montana's upland birds are underharvested. Again populations are presently being maintained at substantial levels although the trend of decreasing habitat may preclude maintaining them at those levels in the future.

Waterfowl

The number of waterfowl available during the fall in the state is almost solely dependent on weather conditions commensurate with habitat conditions. In 1969 the duck harvest was approximately the same as 1968 which was in excess of 23,000. The 1969 goose harvest of 12,000 exceeded that of 1968 by about 4,000 birds.

Game Management Problems

The demand for more outdoor recreation and increasing development of all natural resources produces a situation of supplying more game with less habitat. This is a biological impossibility. At the least, a compromise is feasible only if rigid and strict planning incorporates the needs of wildlife.

BEARTOOTH GAME RANGE

The Beartooth Game Range, Montana's newest public-owned winter game range, was bought by the Fish and Game Commission June 8, 1970. The 27,000 acre area was purchased primarily as an elk winter range, but it has tremendous possibilities for other forms of recreation.

Holter Lake lies along one edge. The Gates of the Mountains joins the range on the southern boundary and guarantees a permanent buffer against encroachment by structures or roads. Elk, deer and mountain goats inhabit the area.

With proper management and developments, the Beartooth Range will undoubtedly prove to be one of the state's finest recreational investments.

MONTANA BIG GAME HARVEST, 1963 - 1969

	Elk	Deer	Moose	Sheep		Goat		Antelope	Bear
				Limited	Un-Limited	Limited	Un-Limited		
1963	No. Hunters.....	124,831	783	72	400	420	878	27,907	28,010
	No. Killed.....	119,300	587	46	36	217	296	22,238	1,121
	Percent Success....	96	75	64	9	52	34	80	4
	Licenses Issued....		821	80	518	493	1,098	31,346	
1964	No. Hunters.....	113,990	674	70	277	443	843	33,954	9,737
	No. Killed.....	107,366	476	43	24	245	184	26,982	1,655
	Percent Success....	94	71	6	9	55	22	83	17
	Licenses Issued....		703	78	399	518	1,003	37,123	
1965	No. Hunters.....	109,828	669	78	189	536	605	25,417	7,960
	No. Killed.....	90,141	439	52	26	230	112	18,630	1,109
	Percent Success....	82	66	67	14	43	18	73	14
	Licenses Issued....		688	83	242	637	814	27,886	
1966	No. Hunters.....	106,180	666	74	281	459	836	19,556	9,760
	No. Killed.....	98,100	510	44	32	225	250	13,865	2,000
	Percent Success....	92	74	59	11	49	30	71	21
	Licenses Issued....	140,511	703	82	570	548	1,124	21,638	
1967	No. Hunters.....	115,185	616	78	145	589	256	18,052	10,571
	No. Killed.....	88,640	433	56	12	294	90	12,599	2,130
	Percent Success....	77	70	73	8	50	35	70	20
	Licenses Issued....	151,131	631	80	193	681	300	19,933	
1968	No. Hunters.....	125,711	643	75	172	598	200	16,150	8,290
	No. Killed.....	99,250	457	55	13	263	29	11,500	1,950
	Percent Success....	79	71	74	7	44	14	71	24
	Licenses Issued....	159,152	659	78	250	700	312	18,358	1,286*
1969	No. Hunters.....	128,177	645	77	279	537	213	19,871	8,787
	No. Killed.....	102,800	457	50	17	267	66	14,543	1,700
	Percent Success....	80	71	65	7	49	31	73	20
	Licenses Issued....	167,341	668	80	279	630	266	23,167	1,637*

* Grizzly Licenses Only

WILDLIFE RABIES - 1969-1970

RABIES IN MONTANA

During the past two years, there were five cases of skunk rabies, four cases of bat rabies, and one case of rabies in a domestic cat.

Skunk rabies was still active in the northeastern corner of the state, with Daniels and Roosevelt Counties reporting the five skunk rabies cases in 1969, and no cases were reported during 1970.

Bat rabies cases were reported from Sheridan, Missoula, Lake, and Ravalli Counties. It is interesting to note three of the bats were diagnosed at the Rocky Mountain Laboratory, Hamilton, Montana. One specimen in particular was collected September 20, 1968 and was retained alive at the laboratory and developed the disease some eight months later, on April 16, 1969.

The cat was a domestic pet at a residence, Opheim Air Force Station, Valley County. Many children and adults were exposed and were required to take the anti-rabies immunization treatment.

During 1970, only the two cases of rabies were reported - the least since 1964 when the epizootic started.

Rabies in wildlife species continued to spread and increase in neighboring states and provinces. North Dakota reported a total of seventy-nine cases, with forty-seven cases in skunks, one fox, two raccoons, one dog twelve cats, and fifteen cattle.

South Dakota reported fifty-three cases, with twenty-eight skunks, two raccoons, one bat, five dogs, eight cats, and nine cattle.

Wyoming had fifty-six cases, with fifty-four cases in skunks, one in a cat, and one in cattle.

Rabies continued to be epizootic in Saskatchewan and was diagnosed in Alberta during 1970. Wildlife rabies was anticipated along the eastern border of the province in skunks; however, this did not occur. In November, 1970, a positive coyote was diagnosed in the southeastern corner of the province. Within a space of four weeks, a bull was diagnosed as rabies positive at Medicine Hat, and in Central Alberta (Penhold and Red Deer), a heifer, two coyotes, a cat, and a pig near Vermilion were diagnosed as rabies positive.

Eighteen abnormal or sick coyotes have been diagnosed and three were rabid. Two dogs were rabies positive at Edmonton, but both had histories of exposure in Saskatchewan.

Although rabies has declines in Montana during the past year, we can anticipate this disease to reoccur in wildlife populations.

POSITIVE SKUNK RABIES 1968-1970

Name	City or Town	County	Specie	Date Specimen Forwarded To Diag. Lab.
Elmer Espen	Comertown	Sheridan	Skunk	5-15-68
Bernard Wolff	Froid	Roosevelt	Skunk	5-23-68
Lionel Flynn	Oswego	Valley	Skunk	6-11-68
Joe Flynn	Oswego	Valley	Skunk	6-13-68
Joe Wienberg	Hardin	Big Horn	Skunk	6-14-68
Carl Welzenbach	Wolf Point	Roosevelt	Skunk	6-28-68
Frank Sparks	Baker	Fallon	Skunk	9-24-68
Keith Clawson	Plentywood	Sheridan	Skunk	12-11-68
Paul Schultes	Wolf Point	Roosevelt	Skunk	1-8-69
Joe Morin - (Fish and Wildlife Ser.)	Circle	Roosevelt	Skunk	2-6-69
Carl Elgestad	Froid	Roosevelt	Skunk	3-3-69
Carl Elgestad	Scobey	Daniels	Skunk	6-11-69

BAT RABIES - 1968-1970

Dr. Tibbets	Havre	Hill	Bat	7-8-68
Dr. Heaten	Deer Lodge	Powell	Bat	8-10-68
Dr. Gordon	Havre	Hill	Bat	8-14-68
Big Sky Youth Ranch	Miles City	Custer	Bat	9-3-68
Zancanella	Billings	Yellowstone	Bat	9-13-68
Darryl Erickson		Missoula	Bat	9-20-68
				*4-16-69
Marvin Kaschke		Lake	Bat	5-22-69
Dr. Whitford		Ravalli	Bat	6-16-69
James Burnoshi	Antelope	Sheridan	**Bat	7-9-69

* The bat submitted by Mr. Erickson was collected September 20, 1968, but was retained alive at this laboratory and developed the disease in April, 1969.

**FA stained slides prepared from the brain of this bat were negative; mice were inoculated intracranially with ground suspension of brain material; one mouse was found to be FA

MISCELLANEOUS WILDLIFE RABIES CASES 1968-1970

Name	City or Town	County	Specie	Date Specimen Forwarded To Diag. Lab.
Oliver Gendereau	Scobey	Daniels	Badger	2- 8-68

RABIES POSITIVES IN DOMESTIC ANIMALS 1968-1970

Brensdall Bros.	Plentywood	Sheridan	Cow	7-10-68
Opheim A.F.S. Dispensary	Opheim	Valley	Cat	6-11-70

INFORMATION-EDUCATION DIVISION

During the past year a full-time editor and staff were employed to publish the department's official magazine. The "Montana Outdoors" employs four color process and will go on an paid subscription basis.

Several other publications were prepared for public distribution, including magazines on Montana Amphibians, Turtles of Montana, Tularemia of Animals and People, and several minor publications.

Films continued to be produced at the Division's Film Center. One of the films, "Winter Range" was awarded second place in national competition for the Outdoor Writers Association film contest.

RECREATION AND PARKS DIVISION

The Recreation and Parks Division of the Montana Fish and Game Department administers 156 areas for public outdoor recreation and more are needed to adequately serve the needs of residents and visitors from other states.

The opportunity for achieving excellence in outdoor recreation exists in Montana. The opportunity is enhanced by several factors including the absence of a high population density, a relatively stable total population, geographic isolation, an overall physical environment which has not yet been irreparably damaged, and the fact that a relatively large proportion of the state's population is interested in outdoor recreation activities of one form or another.

Throughout the current decade of the 1970's and beyond, forces which destroy or detract from the natural physical environment can be expected to continue. However, there are signs of a growing awareness of damage to the ecosystem in which we live and the social problems thereby created. Continuing environmental education should lead toward developing a sense of personal involvement and stewardship among Montanans. Long-range, comprehensive recreation planning is a basic prerequisite for both maintaining environmental quality and quality in recreational activities.

ACQUISITION OF LANDS FOR OUTDOOR RECREATION

During the period from July 1, 1968, to June 30, 1970, recreation lands were acquired at twenty-one (21) separate areas. Acquisition methods include purchase, lease, donations and transfers from other governmental agencies at nominal or no cost.

In addition, a major acquisition was accomplished in August of 1970 when 1,070 acres were acquired on Belt Creek which will provide necessary access to about five miles of that stream.

Another major acquisition not included is the Beartooth Ranch. The primary purpose of this area is for game management but the recreation potential of the Holter Lake frontage is tremendous.

MISSOURI RIVER CANYON RECREATION ROAD

A highlight of 1970 was the development of what is probably the first "Recreational Road Complex" in the United States. This unique and very popular recreational complex takes advantage of a road that was once a main thoroughfare but has now been replaced by an interstate highway.

The abandoned road provides frontage to a very scenic part of the upper Missouri River. Access to the river itself is provided by three boat ramps. Rest and picnic spots with sanitary facilities are developed at strategic spots.

This recreational road complex involves about thirty-six miles of the Missouri. The river boasts good fishing for trout and other game species.

OUTDOOR RECREATION SITES ACQUIRED
BY FISH AND GAME COMMISSION
July 1, 1968 to June 30, 1969

FAS = Fishing Access Site
SRA = State Recreation Area

Comments

Baker - Baker Pond, FAS, (Fallon Cc.) 10 acres.

Bannack - Bannack State Monument, (Beaverhead Co.) 7 lots.
A few lots have been obtained at Bannack. It is hoped that additional parcels can be acquired in the old townsite and it can be preserved as Montana's first territorial capital.

Bigfork - Wayfarer, SRA, (Flathead Co.) 62.42 acres.
Following acquisition under the Long Range Building Program the Highway Department granted additional adjacent land including a highway recreation area. Development is planned for the 1971-72 fiscal year.

Big Hole River - Fish Trap Creek, FAS, (Deer Lodge Co.) 50 acres.
This area, scheduled for development in the 1971-72 fiscal year, will provide additional recreation facilities and public access to one of Montana's most popular fishing streams.

Bighorn River - Bighorn, FAS, (Big Horn Co.) 90.44 acres
Two Leggins, FAS, 30.21 acres.
The recently completed Yellowtail Dam has reduced siltation and water temperatures in the Big Horn River. This has resulted in a revitalized trout stream and we have taken steps to make it available to the public.

Boyd - Cooney Reservoir, SRA, (Carbon Co.) 1,000.00 acres.
The State Water Resources Board leased this land to the Fish and Game Commission for \$500.00 per year. Contracts for construction of the recreation facilities will be let in the 1970-71 fiscal year.

Dailey Lake - Daily Lake, FAS, (Park Co.) 122.57 acres.
The State Land Board set this area aside for recreation development. This is an example of two state agencies cooperating to add to the public's opportunity to enjoy outdoor recreation.

Elmo - Elmo State Recreation Area (Lake Co.) 4.59 acres.
This tract is in addition to other lands previously granted by the Land Board. The recreation facilities are under construction.

Glen Lake - Glen Lake, FAS, (Lincoln Co.) 1.40 acres.
In this case the county commissioners dedicated their land for public recreational use. Development was recently completed.

Helena, Cascade, Missouri River, Wolf Creek - Canyon Recreation Road (Lewis & Clark - Cascade Co.) 27.73 acres.

The sites comprising this area were obtained by a combination of purchases, leases and agreement with the Highway Department. Development of this area which is nearly complete represents Montana's first Recreation Road and has attracted national attention.

Holter Lake - Holter Lake, FAS, (Lewis & Clark Co.) 3 acres. The Montana Power Company leased this site for recreation development at a nominal fee.

Intake Dam - Intake Dam, FAS, (Dawson Co.) 40 acres. This is an example of cooperation between county, state and federal government. The county commission, the Fish and Game Commission and the Bureau of Reclamation are working together to develop facilities for the public at a site that is a popular location for fishing, including the snagging of paddlefish.

Madison River - Reynold's Pass, FAS, (Madison Co.) 161.95 acres. This site is located on the Madison River about a mile below Quake Lake. Included is over a mile of river frontage as well as a site for a potential recreation airstrip.

Missouri River - Carter Ferry, FAS, (Chouteau Co.) 19.95 acres. This site, when purchased, had already been landscaped, with many trees and shrubs. These plantings are presently about five years old and the site should become more attractive as the shade trees mature. Development is scheduled for the 1971-72 fiscal year.

Pryor - Chief Plenty Coups Memorial State Monument (Big Horn Co.) 5 acres.

This memorial to the last chief of the Crow Tribe is under development at the present time. The listed acquisition provided additional land and a more attractive entrance.

Smith River - Fort Baker, FAS, (Meagher Co.) 51 acres. This site will be used as a "jump-off" for boating the Smith River. The army established a temporary fort at this location in 1869.

Stillwater River - Cliff Swallow, FAS, (Stillwater Co.) 160 acres. This site was obtained from the Federal Government under the Recreation and Public Purposes Act at \$2.50 per acre.

Three Forks - Missouri River Headwaters State Monument (Gallatin Co.) 6.93 acres.

The Federal Government granted this land under a special historic sites statute.

Yellowstone River - Corwin Springs, FAS, (Park Co.) .94 acres - Queen of Waters - 10.00 acres.

The Corwin Springs area was obtained by exchange with the Highway Department. Queen of Waters was donated for recreation development by a private individual.

RECREATION FACILITIES DEVELOPED DURING PERIOD
July 1, 1968 - June 30, 1970

Fish & Game District	Boat Ramp	Boat Dock	Boat Fire Places	Picnic Tables	Picnic Garbage Cans	Toilet Systems	Water Systems	Shelter Bldgs.	Road Const.	Park Spaces	Acre Area	Total
District 1	10	6	227	368	149	53	12	1	10	8.4	377	\$122,600.00
District 2	3	1	77	104	53	15	0	4	4	6.4	199	69,500.00
District 3	4	0	191	273	188	48	4	14	2	11.1	510	260,600.00
District 4	3	0	71	102	101	26	1	3	3	4.4	163	82,900.00
District 5	3	0	74	216	119	27	1	6	0	11.7	254	137,000.00
District 6	2	1	7	48	16	7	2	1	3	1.6	80	28,100.00
District 7	1	0	33	93	36	13	2	0	0	4.1	80	29,500.00
Est. Expenditures May & June, 1970 (No printouts available)												66,300.00
State Totals	26	8	680	1204	662	189	22	29	22	47.7	1663	\$796,500.00

LICENSE	1950	1952	1954	1956	1958	1960	1962	1964	1965	1956	1967	1968	1969
Sportsman	-	-	-	-	-	-	-	-	-	-	-	472	427
Resident Wildlife Conservation	-	-	-	-	-	-	-	-	-	-	-	-	553
Resident Fishing	-	-	-	191,081	187,949	186,969	188,998	111,268	113,800	119,760	119,982	122,823	204,112
Resident Big Game	-	-	-	-	-	-	-	104,653	98,590	101,525	101,525	11,456	141,347
Resident Fishing - Bird	159,284	183,770	186,395	-	-	-	-	38,811	38,165	39,706	15,070	16,179	54,192
Resident Big Youth	-	-	-	-	-	-	-	-	-	-	4,808	5,075	4,542
Non-Resident Wildlife Conservation	-	-	-	-	-	-	-	-	-	-	-	-	73,444
Non-Resident 1-Day Fishing	-	-	-	-	-	-	-	-	-	-	-	-	109,789
Non-Resident 3-Day Fishing	23,664	27,940	-	-	-	-	-	-	-	-	-	-	-
Non-Resident 1-Day Fishing	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Resident Limited Fishing	-	-	33,221	41,328	40,933	39,252	48,714	51,262	54,585	61,679	51,060	56,012	23,582
Non-Resident Season Fishing	-	-	-	4,005	5,090	5,959	6,581	7,152	7,648	8,489	6,952	6,828	6,828
Non-Resident Big Game	124	282	201	268	909	327	259	449	433	433	372	372	689
Resident Big Game	87,261	116,566	-	121,026	121,019	120,040	122,659	3,960	3,152	14,979	9,035	11,152	70,236
Big Game - Adult	-	-	-	-	-	-	-	12,979	13,450	14,864	46,990	46,990	114,394
Big Game - Youth	-	-	-	-	-	-	-	29,171	23,265	31,786	57,382	60,429	10,569
Special Elk Licenses	245	341	-	-	-	-	-	-	-	-	-	-	4,585
Elk - Deer A Youth	-	-	-	-	-	-	-	-	-	-	-	-	5,680
Elk - Deer A Adult	-	-	-	-	-	-	-	-	-	-	-	-	4,284
Deer B - Youth	-	-	-	-	-	-	-	2,789	3,049	3,049	2,528	16,871	20,424
Deer B - Adult	-	-	-	-	-	-	-	-	-	-	-	-	25,373
Special Deer Licenses	1,513	4,270	-	-	-	-	-	52,721	55,284	51,621	43,435	1,475	1,911
Elk, Deer A and B	-	-	-	-	-	-	-	23,184	23,961	22,033	-	-	-
Deer A and B	-	-	-	-	-	-	-	-	-	-	-	-	-
Resident Combination	-	-	-	-	-	-	-	-	-	-	-	-	-
Turkey	-	-	-	-	-	1,144	1,573	2,934	2,812	2,960	4,232	4,177	1,592
Pioneer - Conservation	-	-	-	-	-	-	-	-	-	-	-	-	4,821
Veterans	-	-	-	-	-	-	-	-	-	-	-	-	4,821
Non-Resident Big Game	897	1,615	1,547	2,974	3,923	4,279	5,537	8,114	7,615	9,268	7,491	7,165	8,612
Resident Mountain Sheep*	-	-	53	269	302	4370	4,556	4,955	4,435	5,059	205	205	749
Resident Mountain Goat*	-	-	100	851	1,398	1,217	1,358	1,664	1,667	1,948	709	709	249
Resident Grizzly	-	-	-	-	-	-	-	-	-	-	-	-	699
Grizzly Trophy	-	-	-	-	-	-	-	-	-	-	1,022	1,473	1,473
Buffalo	-	-	3	-	-	-	-	-	-	-	24	12	36
Non-Resident Mountain Sheep	-	-	-	-	-	-	-	-	-	-	-	-	88
Non-Resident Mountain Goat	-	-	-	-	-	-	-	-	-	-	-	-	128
Non-Resident Grizzly	-	-	-	-	-	-	-	-	-	-	-	-	228
Non-Resident Moose	-	-	-	-	-	-	-	-	-	-	-	-	243
Non-Resident Antelope	-	-	715	1,453	2,413	2,355	2,193	2,305	2,373	2,668	2,143	2,065	3,390
Resident Antelope*	8,345	18,622	20,886	-	-	-	-	-	-	-	-	-	16,601
Non-Resident Antelope	-	-	-	-	-	-	-	-	-	-	-	-	36
Resident Moose Licenses	-	-	-	405	572	553	836	702	687	703	599	895	1,460
Special Moose Licenses	76	211	-	-	-	-	-	-	-	-	-	-	924
Non-Resident Moose	-	-	-	-	-	-	-	-	-	-	-	-	34
Non-Resident 33 Deer	-	-	-	6,445	7,533	12,042	15,228	10,058	9,631	6,028	4,439	5,106	30
Non-Resident 32 Deer	-	-	-	-	-	-	-	-	-	-	-	-	7,248
Non-Resident 32 Antelope	-	-	-	-	-	-	-	-	-	-	-	-	1,481
Non-Resident 32 Antelope	-	-	-	5,033	-	1,043	3,714	5,037	2,259	1,760	1,818	1,112	1,254

*Both Resident and Non-Resident Licenses included in Resident sales for years prior to 1967.

MONTANA FISH AND GAME DEPARTMENT
 LICENSE SALES BY LICENSE (MAY 1, 1968 - APRIL 30, 1969)

HUNTING AND FISHING LICENSES:

Resident Fishing	122,823	@	\$ 4.00	\$ 491,292.00
Resident Bird	41,706	@	2.00	83,412.00
Resident Fishing - Bird	16,179	@	6.00	97,074.00
Resident Bird - Youth	5,075	@	1.00	5,075.00
Resident Fishing Duplicates	2,274	@	1.00	2,274.00
Non-Resident Limited Fishing	56,012	@	5.00	280,060.00
Non-Resident Season Fishing	7,890	@	15.00	118,350.00
Non-Resident Bird	689	@	25.00	17,225.00
Non-Resident Fishing Duplicates	118	@	1.00	118.00
Elk - Adult	11,152	@	3.00	33,456.00
Deer A - Adult	49,439	@	3.00	148,317.00
Elk - Deer A - Adult	60,429	@	6.00	362,574.00
Elk - Youth	720	@	1.50	1,080.00
Deer A - Youth	5,680	@	1.50	8,520.00
Elk - Deer A - Youth	4,254	@	3.00	12,762.00
Elk - Deer A Duplicates	1,618	@	1.00	1,618.00
Deer B - Adult	20,644	@	5.00	103,220.00
Deer B - Youth	1,831	@	2.50	4,577.50
Deer B Duplicates	160	@	1.00	160.00
Resident Combination	4,177	@	12.00	50,124.00
Resident Combination Duplicates	104	@	1.00	104.00
Non-Resident Big Game	7,165	@	150.00	1,074,750.00
Non-Resident Big Game Duplicates	29	@	1.00	29.00
Resident Mountain Sheep	240	@	25.00	6,000.00
Resident Mountain Goat	769	@	15.00	11,535.00
Resident Turkey	1,496	@	2.00	2,992.00
Resident Grizzly	1,149	@	1.00	1,149.00
Resident Special Duplicates	5	@	1.00	5.00
Sportsman	427	@	20.00	8,540.00
Sportsman Duplicates	3	@	1.00	3.00
Non-Resident Mountain Sheep	88	@	50.00	4,400.00
Non-Resident Mountain Goat	243	@	30.00	7,290.00
Non-Resident Turkey	105	@	2.00	210.00
Non-Resident Grizzly	137	@	25.00	3,425.00
Non-Resident Special Duplicates	3	@	1.00	3.00
Bow and Arrow	2,865	@	3.00	8,595.00
Shipping Permits	91	@	.60	54.60
Non-Resident Bear	57	@	35.00	1,995.00
Non-Resident Deer	5,106	@	35.00	178,710.00
Non-Resident Antelope	1,112	@	35.00	38,920.00
Resident Antelope	16,355	@	3.00	49,065.00
Non-Resident Antelope	895	@	10.00	8,950.00
Resident Moose	624	@	25.00	15,600.00
Non-Resident Moose	34	@	50.00	1,700.00
Other Special Duplicates	86	@	1.00	86.00
Grizzly Trophy	12	@	25.00	300.00
				<u>\$3,245,699.10</u>
Less Dealers' Fees				62,934.15
				<u>\$3,182,764.95</u>

MISCELLANEOUS SALES:

General Trapper	936	@	\$ 10.00	\$	9,360.00
Beaver Tags	12,047	@	.50		6,023.50
Beaver Permits	121	@	10.00		1,210.00
Outfitter	372	@	10.00		3,720.00
Land Owner Trapper	117	@	1.00		117.00
Resident Fur Dealer	24	@	10.00		240.00
Fur Dealer Agent	20	@	10.00		200.00
Non-Resident Fur Dealer	2	@	50.00		100.00
Taxidermist	35	@	15.00		525.00
Minnow Seining	22	@	10.00		220.00
Commercial Beaver Tags	439	@	.05		21.95
				\$	<u>21,737.45</u>

TOTAL INCOME FROM LICENSE SALES

\$3,204,502.40

MAJOR FISH AND GAME RECEIPTS OTHER THAN LICENSES AND PERMITS
 BASED ON FISCAL YEAR JULY 1, 1968 -- JUNE 30, 1969

Sale of Confiscated Game and Fish	\$	9,115.87
Rough Fish		1,019.51
Miscellaneous Sales		7,733.83
Land Lease		13,598.00
P. R. Reimbursement		796,960.08
D. J. Reimbursement		230,486.96
B.O.R. Acquisition and Development		72,807.28
Other Federal Reimbursement		73,176.13
Fines and Penalties		67,107.95
Bond Redemption and Interest		20,206.25

STATE PARKS INCOME

Land Leases	\$	1,096.47
Concessions (L & C)		74,087.93
Concessions (Link Bros.)		3,325.66
BOR. Acq. & Dev.		138,416.78
BOR. Adm. Srv. 1½%		4,384.88
Cabin Rents		13,097.04
Refund to Exp.		31.56
Boat Gas Tax		136,013.31
Refund to Exp.		10.50
Bur. of Rec.		-
Motor Boat Req.		-
Snowmobile Req.		-
Refund to Exp.		1,343.75
Chief Plenty Coups		25,000.00
PARKS Sub-total	\$	<u>319,394.29</u>

MONTANA FISH AND GAME DEPARTMENT
 LICENSE SALES BY LICENSE YEAR (MAY 1, 1969 - APRIL 30, 1970)

HUNTING AND FISHING LICENSES:

Sportsman	553	@	\$ 20.25	\$	11,198.25
Resident Wildlife Conservation	204,112	@	.25		51,028.00
Resident Fishing - Adult	141,347	@	4.00		565,388.00
Resident Bird - Adult	54,192	@	2.00		108,384.00
Resident Bird - Youth	4,542	@	1.00		4,542.00
Non-Resident Wildlife Conservation	73,244	@	1.00		73,244.00
Non-Resident 1-Day Fishing	109,789	@	1.00		109,789.00
Non-Resident 6-Day Fishing	23,582	@	5.00		117,910.00
Non-Resident Season Fishing	6,828	@	15.00		102,420.00
Non-Resident Bird	792	@	25.00		19,800.00
Elk-Adult	70,236	@	3.00		210,708.00
Elk-Youth	4,585	@	1.50		6,877.50
Deer A - Adult	114,384	@	3.00		343,152.00
Deer A - Youth	10,569	@	1.50		15,853.50
Deer B - Adult	25,373	@	5.00		126,865.00
Deer B - Youth	2,165	@	2.50		5,412.50
Resident & Non-Resident Turkey	1,592	@	2.00		3,184.00
Non-Resident Big Game	8,612	@	151.00		1,300,412.00
Bow and Arrow	3,390	@	3.00		10,170.00
Resident Mountain Sheep	249	@	25.00		6,225.00
Resident Mountain Goat	699	@	15.00		10,485.00
Resident Grizzly	1,473	@	1.00		1,473.00
Non-Resident Mountain Sheep	128	@	50.00		6,400.00
Non-Resident Mountain Goat	228	@	30.00		6,840.00
Non-Resident Grizzly	164	@	25.00		4,100.00
Pioneer - Conservation	9,901	@	.40		3,960.40
Duplicates	2,453	@	1.00		2,453.00
Pioneer	4,627	@	.15		694.05
Veterans	12	@	.15		1.80
Shipping Permits	37	@	.60		22.20
Non-Resident Bear	69	@	35.00		2,415.00
Resident Antelope	19,227	@	3.00		57,681.00
Non-Resident Antelope	1,460	@	10.00		14,600.00
Resident Moose	637	@	25.00		15,925.00
Non-Resident Moose	30	@	50.00		1,500.00
Non-Resident \$35.00 Deer	543	@	35.00		19,005.00
Non-Resident \$36.00 Deer	7,278	@	36.00		262,008.00
Non-Resident \$35.00 Antelope	1,281	@	35.00		44,835.00
Non-Resident \$36.00 Antelope	1,154	@	36.00		41,544.00
Duplicate Other Specials	101	@	1.00		101.00
Grizzly Trophy	36	@	25.00		900.00
	911,674				\$3,689,506.20
Less Dealers' Fees					<u>128,571.30</u>
					\$3,560,934.90

MISCELLANEOUS LICENSES:

General Trapper	1,177	@	\$ 10.00	\$	11,770.00
Beaver Tags	7,871	@	.50		3,935.50
Beaver Permits	18	@	5.00		90.00
Outfitter	459	@	10.00		4,590.00
Land Owner Trapper	136	@	1.00		136.00
Resident Fur Dealer	25	@	10.00		250.00
Fur Dealer Agent	27	@	10.00		270.00
Non-Resident Fur Dealer	2	@	50.00		100.00
Taxidermist	28	@	15.00		420.00
Minnow Seining	16	@	10.00		160.00
Commercial Beaver Tags	425	@	.05		21.25
Shooting Preserve Permit					320.00
Zoo Permit					130.00
				\$	22,192.75
					<u>\$3,583,127.65</u>

MAJOR FISH AND GAME RECEIPTS OTHER THAN LICENSES AND PERMITS
 BASED ON FISCAL YEAR JULY 1, 1969--JUNE 30, 1970

Sale of Confiscated Game and Fish	\$	8,993.76
Rough Fish		798.48
Miscellaneous Sales		6,999.61
Land Lease		9,477.02
P. R. Reimbursement		1,307,321.61
D. J. Reimbursement		235,326.63
B.O.R. Acquisition and Development		67,796.81
Other Federal Reimbursement		159,646.97
Fines and Penalties		56,449.90
Bond Redemption and Interest		42,137.50

STATE PARKS INCOME

BOR Acq. & Dev.	\$	114,080.60
BOR Adm. Serv. 1½%		3,423.13
Land Leases		665.05
Cabin Rents		11,795.00
Over-nite Camp		20,720.30
L & C Cavern Tkts.		78,300.96
Link Bros. Concessions		3,549.61
Concessions		289.56
Refund to Expense		1,052.34
Boat Gas Tax		155,830.29
Refund to Exp.		13,012.58
Motor Boat Reg.		9,177.00
Snowmobile Reg.		2,110.00
Bur. of Rec.		8,105.14
Refund to Exp.		666.99
Chief Plenty Coups		-
Refund to Exp.		713.25
PARKS Sub-total	\$	<u>423,491.80</u>

DETAIL OF EXPENDITURES

For Fiscal Year: Ending June 30, 1969, and June 30, 1970

() = Credits

ADMINISTRATIVE DIVISION:	June 1969	June 1970
COMMISSIONERS		
Per Diem.....	\$ 2,992.50	\$ 1,990.00
Operation.....	\$ 11,482.92	\$ 13,571.25
Capital Expenditures.....	\$ 473.46	\$ 223.97
TOTAL.....	<u>\$ 14,948.88</u>	<u>\$ 15,785.22</u>
GENERAL ADMINISTRATION		
Salaries and Benefits.....	\$ 168,669.17	\$ 196,270.65
Operation.....	102,299.79	91,545.64
Repair and Maintenance.....	866.06	164.48
Capital Expenditures.....	2,490.45	2,931.05
TOTAL.....	<u>\$ 274,325.46</u>	<u>\$ 290,911.82</u>
GRANTS		
University of Montana Education.....	\$ 12,000.00	\$ 14,016.60
Montana State University Wildlife....	14,200.00	15,500.00
Wildlife Research Unit, U.of M.....	18,974.92	19,072.45
Fisheries Research Unit, M.S.U.....	10,000.00	16,000.00
Enforcement and Rabies Control.....	16,188.31	16,956.23
Predator Control.....	29,892.81	52,526.48
TOTAL.....	<u>\$ 101,256.04</u>	<u>\$ 134,071.76</u>
DISTRICT HEADQUARTERS		
Salaries and Benefits.....	\$ 1,297.78	\$ 1,278.30
Operation-Office Space Rental.....	(9,871.94)	(7,596.18)
Repair and Maintenance.....	2,503.52	4,157.22
Capital Expenditures.....	1,381.87	10,414.98
TOTAL.....	<u>\$ (4,636.77)</u>	<u>\$ 8,254.32</u>
DISTRICT SUPERVISORS		
Salaries and Benefits.....	\$ 88,988.28	\$ 100,884.62
Operation.....	13,742.87	13,672.63
Repair and Maintenance.....	193.70	63.03
Capital Expenditures.....	191.94	321.20
TOTAL.....	<u>\$ 103,116.79</u>	<u>\$ 114,941.48</u>
AIRPLANE ACCOUNT		
Salaries and Benefits.....	\$ 340.94	\$ 140.68
Operation.....	23,531.13	14,921.87
Repair and Maintenance.....	96.18	40.45
Capital Expenditures.....	1.33	15,092.32
Credit for Airplane Rental & Trade-in	(12,937.48)	(19,012.50)
TOTAL.....	<u>\$ 11,032.10</u>	<u>\$ 11,182.82</u>

DETAIL OF EXPENDITURES--(Continued)

VEHICLE ACCOUNT	June 1969	June 1970
Salaries and Benefits.....	\$ - -	\$ 144.04
Operation.....	200,447.15	201,214.40
Capital Expenditures.....	153,523.25	206,572.36
Credit for Vehicle Rental & Trade-in.....	(375,854.33)	(429,198.09)
TOTAL.....	<u>\$ (21,883.93)</u>	<u>\$ (21,267.29)</u>
OVERSNOW VEHICLES		
Operation.....	\$ 200.00	\$ - -
TOTAL.....	<u>\$ 200.00</u>	<u>\$ - -</u>
HELICOPTER ACCOUNT		
Salaries and Benefits.....	\$ 97.79	\$ 168.74
Operation.....	9,326.85	16,227.35
Credit for Helicopter Rental.....	15,998.75	(17,112.50)
TOTAL.....	<u>\$ (6,574.11)</u>	<u>(716.41)</u>
HELENA WAREHOUSE		
Salaries and Benefits.....	\$ 15,791.47	\$ 16,238.57
Operation.....	924.27	2,206.19
Repair and Maintenance.....	1,539.06	1,112.89
Capital Expenditures.....	34.29	2,374.41
TOTAL.....	<u>\$ 18,289.09</u>	<u>\$ 21,932.06</u>
MECHANIC SHOP		
Salaries and Benefits.....	\$ 16,123.74	\$ 19,650.76
Operation.....	654.20	956.33
Repair and Maintenance.....	161.90	45.72
Capital Expenditures.....	814.36	530.47
TOTAL.....	<u>\$ 17,754.20</u>	<u>\$ 21,183.28</u>
HELENA WAREHOUSE INVENTORY		
Operation - Charges & Credits.....	\$ (67,495.45)	\$ 15,444.67
Capital Construction Materials.....	20,205.34	81,742.29
TOTAL.....	<u>\$ (47,290.11)</u>	<u>\$ 97,186.96</u>
MISCELLANEOUS ACCOUNTS		
Canyon Ferry.....	\$ 34.14	5.31
Tiber Reservoir.....	385.60	- -
Search and Rescue.....	424.41	3.50
Natural Resources Coordinator.....	3,578.22	406.19
Landscape Architect.....	- -	792.93
TOTAL.....	<u>\$ 4,422.37</u>	<u>\$ 1,207.93</u>
TOTAL ADMINISTRATIVE DIVISION....	<u>\$ 464,960.01</u>	<u>\$ 694,673.95</u>

DETAIL OF EXPENDITURES--(Continued)

INFORMATION-EDUCATION DIVISION:	<u>June 1969</u>	<u>June 1970</u>
ADMINISTRATION		
Salaries and Benefits.....	\$ 69,643.38	\$ 82,528.75
Operation.....	52,708.86	80,821.53
Repair and Maintenance.....	83.00	380.20
Capital Expenditures.....	<u>2,747.36</u>	<u>5,661.34</u>
TOTAL.....	<u>\$ 125,182.60</u>	<u>\$ 169,391.82</u>
HUNTER SAFETY		
Salaries and Benefits.....	\$ 11,163.20	\$ 14,230.76
Operation.....	7,714.99	5,370.96
Repair and Maintenance.....	- -	- -
Capital Expenditures.....	<u>133.94</u>	<u>312.19</u>
TOTAL.....	<u>\$ 19,012.13</u>	<u>\$ 19,913.91</u>
FAIRS AND EXHIBITS		
Salaries and Benefits.....	\$ 3,958.20	\$ 6,872.01
Operation.....	7,127.54	7,954.26
Repair and Maintenance.....	40.24	7.89
Capital Expenditures.....	<u>194.80</u>	<u>7,650.20</u>
TOTAL.....	<u>\$ 11,320.78</u>	<u>\$ 22,484.36</u>
MOVIES AND TV FILMS		
Salaries and Benefits.....	\$ 28,832.76	\$ 35,101.36
Operation.....	21,070.04	22,910.85
Repair and Maintenance.....	893.15	996.45
Capital Expenditures.....	<u>7,092.76</u>	<u>5,507.88</u>
TOTAL.....	<u>\$ 57,888.71</u>	<u>\$ 64,516.54</u>
GRAPHIC REPRODUCTION		
Salaries and Benefits.....	\$ 1,204.28	\$ 424.84
Operations.....	302.80	116.00
Repair and Maintenance.....	- -	44.70
Capital Expenditures.....	- -	<u>10.95</u>
TOTAL.....	<u>\$ 1,507.08</u>	<u>\$ 596.49</u>
DISTRICT 1 PROGRAM		
Salaries and Benefits.....	\$ 10,856.99	\$ 11,834.17
Operation.....	4,842.97	4,286.59
Repair and Maintenance.....	22.00	12.00
Capital Expenditures.....	<u>955.84</u>	<u>692.80</u>
TOTAL.....	<u>\$ 16,677.80</u>	<u>\$ 16,825.56</u>
DISTRICT 2 PROGRAM		
Salaries and Benefits.....	\$ 10,560.86	\$ 11,205.10
Operation.....	3,545.51	2,693.78
Repair and Maintenance.....	13.23	11.15
Capital Expenditures.....	<u>1,245.50</u>	<u>67.31</u>
TOTAL.....	<u>\$ 15,365.10</u>	<u>\$ 13,977.34</u>

DETAIL OF EXPENDITURES--(Continued)

	<u>June 1969</u>	<u>June 1970</u>
DISTRICT 3 PROGRAM		
Salaries and Benefits.....	\$ 10,188.28	\$ 10,902.55
Operation.....	3,798.00	3,858.51
Repair and Maintenance.....	179.10	- -
Capital Expenditures.....	69.40	5.91
TOTAL.....	<u>\$ 14,234.78</u>	<u>\$ 14,766.97</u>
DISTRICT 4 PROGRAM		
Salaries and Benefits.....	\$ 10,729.01	\$ 15,899.85
Operation.....	4,532.19	4,285.13
Repair and Maintenance.....	75.91	85.28
Capital Expenditures.....	1,095.90	77.99
TOTAL.....	<u>\$ 16,433.01</u>	<u>\$ 20,348.25</u>
DISTRICT 5 PROGRAM		
Salaries and Benefits.....	\$ 9,518.65	\$ 10,047.33
Operation.....	4,772.72	3,553.67
Repair and Maintenance.....	13.05	62.67
Capital Expenditures.....	169.61	781.85
TOTAL.....	<u>\$ 14,474.03</u>	<u>\$ 14,445.52</u>
DISTRICT 6 PROGRAM		
Salaries and Benefits.....	\$ 8,932.27	\$ 11,147.92
Operation.....	3,177.65	3,817.74
Repair and Maintenance.....	- -	8.85
Capital Expenditures.....	1,839.94	144.90
TOTAL.....	<u>\$ 13,949.86</u>	<u>\$ 15,119.41</u>
DISTRICT 7 PROGRAM		
Salaries and Benefits.....	\$ 11,048.80	\$ 11,003.84
Operation.....	4,852.93	4,305.00
Repair and Maintenance.....	110.78	30.82
Capital Expenditures.....	1,062.87	239.20
TOTAL.....	<u>\$ 17,075.38</u>	<u>\$ 15,578.86</u>
BULLETINS AND MAGAZINES		
Salaries and Benefits.....	\$ - -	\$ - -
Operation.....	9,425.06	12,584.67
Repair and Maintenance.....	- -	- -
Capital Expenditures.....	- -	- -
TOTAL.....	<u>\$ 9,425.06</u>	<u>\$ 12,584.67</u>
TOTAL INFORMATION-EDUCATION.....	<u>\$ 332,546.32</u>	<u>\$ 400,549.70</u>

DETAIL OF EXPENDITURES--(Continued)

FISHERIES DIVISION:	June 1969	June 1970
ADMINISTRATION		
Salaries and Benefits.....	\$ 39,755.39	\$ 42,102.28
Operation.....	47,729.85	53,828.18
Repair and Maintenance.....	39.58	119.75
Capital Expenditures.....	837.24	365.94
TOTAL.....	<u>\$ 88,362.06</u>	<u>\$ 96,416.15</u>
ANACONDA HATCHERY		
Salaries and Benefits.....	\$ 31,845.22	\$ 37,698.60
Operation.....	18,577.49	19,655.33
Repair and Maintenance.....	1,886.98	1,500.62
Capital Expenditures.....	1,108.50	3,687.02
TOTAL.....	<u>\$ 53,418.19</u>	<u>\$ 62,541.57</u>
ARLEE HATCHERY		
Salaries and Benefits.....	\$ 25,244.20	\$ 25,039.53
Operation.....	12,017.27	10,447.54
Repair and Maintenance.....	447.03	8,484.49
Capital Expenditures.....	3,162.65	553.34
TOTAL.....	<u>\$ 40,871.15</u>	<u>\$ 44,524.90</u>
BIG TIMBER HATCHERY		
Salaries and Benefits.....	\$ 18,957.46	\$ 17,623.66
Operation.....	5,072.36	4,070.79
Repair and Maintenance.....	83.43	1,284.85
Capital Expenditures.....	371.08	660.46
TOTAL.....	<u>\$ 24,484.33</u>	<u>\$ 23,639.76</u>
BLUEWATER HATCHERY		
Salaries and Benefits.....	\$ 32,082.46	\$ 34,877.19
Operation.....	18,651.77	19,085.12
Repair and Maintenance.....	2,104.42	3,714.94
Capital Expenditures.....	6,285.16	5,333.79
TOTAL.....	<u>\$ 59,123.81</u>	<u>\$ 63,011.04</u>
GREAT FALLS HATCHERY		
Salaries and Benefits.....	\$ 25,805.52	\$ 27,995.04
Operation.....	16,457.21	14,896.23
Repair and Maintenance.....	553.85	15,977.97
Capital Expenditures.....	1,998.49	17,559.47
TOTAL.....	<u>\$ 44,815.07</u>	<u>\$ 76,428.71</u>
LEWISTOWN HATCHERY		
Salaries and Benefits.....	\$ 48,553.79	\$ 57,559.93
Operation.....	55,063.18	51,395.97
Repair and Maintenance.....	8,438.26	6,174.51
Capital Expenditures.....	2,705.52	462.62
TOTAL.....	<u>\$ 114,760.75</u>	<u>\$ 115,593.03</u>

DETAIL OF EXPENDITURES--(Continued)

	<u>June 1969</u>	<u>June 1970</u>
LIBBY HATCHERY		
Salaries and Benefits.....	\$ 17,905.25	\$ 17,128.56
Operation.....	7,423.72	6,268.70
Repair and Maintenance.....	1,060.16	1,208.76
Capital Expenditures.....	894.54	2,026.46
TOTAL.....	<u>\$ 27,283.67</u>	<u>\$ 26,632.48</u>
SOMERS HATCHERY		
Salaries and Benefits.....	\$ 27,141.44	\$ 29,075.69
Operation.....	5,426.53	5,759.95
Repair and Maintenance.....	977.34	583.23
Capital Expenditures.....	690.47	293.20
TOTAL.....	<u>\$ 34,235.78</u>	<u>\$ 35,712.07</u>
CRESTON HATCHERY		
Salaries and Benefits.....	\$ - -	\$ - -
Operation.....	- -	35.00
Repair and Maintenance.....	- -	- -
Capital Expenditures.....	- -	30,000.00
TOTAL.....	<u>\$ - -</u>	<u>\$ 30,035.00</u>
SPAWNING STATIONS		
Salaries and Benefits.....	\$ 4,194.30	\$ 4,288.44
Operation.....	7,994.49	8,370.15
Repair and Maintenance.....	51.49	92.40
Capital Expenditures.....	127.21	- -
TOTAL.....	<u>\$ 12,367.49</u>	<u>\$ 12,750.99</u>
DISTRICT PROJECTS		
Salaries and Benefits.....	\$ 73,507.11	\$ 72,804.91
Operation.....	40,999.37	34,497.64
Repair and Maintenance.....	2,990.19	1,224.15
Capital Expenditures.....	8,481.68	7,148.56
TOTAL.....	<u>\$ 125,978.35</u>	<u>\$ 115,675.26</u>
DINGELL-JOHNSON PROJECTS		
Salaries and Benefits.....	\$ 214,938.94	\$ 189,636.33
Operation.....	91,808.33	95,570.53
Repair and Maintenance.....	4,704.74	3,656.07
Capital Expenditures.....	15,302.94	9,289.34
TOTAL.....	<u>\$ 303,490.76</u>	<u>\$ 298,152.27</u>
COMMERCIAL FISHERIES PROJECTS		
Salaries and Benefits.....	\$ 18,091.44	\$ 17,752.17
Operation.....	3,027.34	3,984.40
Repair and Maintenance.....	613.39	397.53
Capital Expenditures.....	1,714.92	2,967.09
TOTAL.....	<u>\$ 23,447.09</u>	<u>\$ 25,101.19</u>

DETAIL OF EXPENDITURES--(Continued)

	<u>June 1969</u>	<u>June 1970</u>
MISCELLANEOUS PROJECTS		
Salaries and Benefits.....	\$ 4,728.96	\$ 25,250.67
Operation.....	1,384.48	9,669.91
Repair and Maintenance.....	8.18	241.40
Capital Expenditures.....	<u>2,508.83</u>	<u>7,476.83</u>
TOTAL.....	<u>\$ 8,630.45</u>	<u>\$ 42,638.81</u>
 TOTAL FISHERIES DIVISION.....	 <u>\$ 961,268.95</u>	 <u>\$ 1,068,853.23</u>

DETAIL OF EXPENDITURES--(Continued)

	June 1969	June 1970
ENFORCEMENT DIVISION		
ADMINISTRATION		
Salaries and Benefits.....	\$ 52,494.24	\$ 69,427.45
Operations.....	56,953.36	84,457.94
Repair and Maintenance.....	249.89	427.93
Capital Expenditures.....	<u>3,822.92</u>	<u>9,289.35</u>
TOTAL.....	\$ <u>113,520.41</u>	\$ <u>163,602.67</u>
DISTRICT 1 ENFORCEMENT		
Salaries and Benefits.....	\$ 88,135.67	\$ 110,073.27
Operations.....	31,866.15	37,121.82
Repair and Maintenance.....	1,049.66	1,096.34
Capital Expenditures.....	<u>2,014.84</u>	<u>5,691.36</u>
TOTAL.....	\$ <u>123,066.32</u>	\$ <u>153,982.79</u>
DISTRICT 2 ENFORCEMENT		
Salaries and Benefits.....	\$ 84,427.02	\$ 108,534.21
Operations.....	30,512.62	34,559.86
Repair and Maintenance.....	534.50	631.04
Capital Expenditures.....	<u>3,149.54</u>	<u>1,492.27</u>
TOTAL.....	\$ <u>118,623.68</u>	\$ <u>145,217.38</u>
DISTRICT 3 ENFORCEMENT		
Salaries and Benefits.....	\$ 109,456.22	\$ 128,499.58
Operations.....	44,233.16	45,078.45
Repair and Maintenance.....	887.59	868.06
Capital Expenditures.....	<u>2,546.42</u>	<u>2,432.83</u>
TOTAL.....	\$ <u>157,123.39</u>	\$ <u>176,878.92</u>
DISTRICT 4 ENFORCEMENT		
Salaries and Benefits.....	\$ 100,963.04	\$ 122,011.56
Operations.....	39,922.56	46,796.23
Repair and Maintenance.....	559.42	660.95
Capital Expenditures.....	<u>3,329.98</u>	<u>7,273.20</u>
TOTAL.....	\$ <u>144,775.00</u>	\$ <u>176,741.94</u>
DISTRICT 5 ENFORCEMENT		
Salaries and Benefits.....	\$ 91,885.33	\$ 109,924.95
Operations.....	37,516.66	36,490.64
Repair and Maintenance.....	761.04	1,103.31
Capital Expenditures.....	<u>1,335.30</u>	<u>3,966.62</u>
TOTAL.....	\$ <u>131,498.33</u>	\$ <u>151,485.52</u>
DISTRICT 6 ENFORCEMENT		
Salaries and Benefits.....	\$ 62,401.11	\$ 70,606.04
Operations.....	23,305.94	29,366.79
Repair and Maintenance.....	246.37	800.47
Capital Expenditures.....	<u>5,686.35</u>	<u>1,031.88</u>
TOTAL.....	\$ <u>91,639.77</u>	\$ <u>101,805.18</u>

DETAIL OF EXPENDITURES--(Continued)

	<u>June 1969</u>	<u>June 1970</u>
ENFORCEMENT DIVISION		
DISTRICT 7 ENFORCEMENT		
Salaries and Benefits.....	\$ 51,479.89	\$ 63,903.01
Operations.....	20,409.71	24,081.72
Repair and Maintenance.....	225.33	572.69
Capital Expenditures.....	408.62	2,279.01
TOTAL.....	<u>\$ 72,523.55</u>	<u>\$ 90,836.43</u>
TOTAL ENFORCEMENT DIVISION.....	<u>\$ 952,770.45</u>	<u>\$ 1,160,550.83</u>

DETAIL OF EXPENDITURES--(Continued)

	<u>June 1969</u>	<u>June 1970</u>
GAME MANAGEMENT DIVISION		
ADMINISTRATION		
Salaries and Benefits.....	\$ 15,930.15	\$ 24,835.63
Operations.....	35,412.12	52,731.04
Repair and Maintenance.....	286.00	824.20
Capital Expenditures.....	126.09	2,027.41
TOTAL.....	<u>\$ 51,754.35</u>	<u>\$ 80,418.28</u>
WARM SPRINGS GAME FARM		
Salaries and Benefits.....	\$ 19,357.54	\$ 22,519.02
Operations.....	9,259.04	5,693.60
Repair and Maintenance.....	957.24	1,184.75
Capital Expenditures.....	335.93	(3.64)
TOTAL.....	<u>\$ 29,909.75</u>	<u>\$ 29,393.73</u>
MOIESE GAME FARM		
Operations.....	\$ 167.58	\$ 206.31
TOTAL.....	<u>\$ 167.58</u>	<u>\$ 206.31</u>
MISCELLANEOUS PROJECTS		
Game Control.....	\$ 13,161.86	\$ 6,723.34
Turkey Transplanting.....	1,506.45	245.32
Elk Transplanting.....	138.76	-
Trapping for Other States.....	-	1,021.97
Blue Grouse Study.....	1,489.55	1,917.88
Wildlife Inventory Study.....	-	-
Sagebrush Control Study.....	28,699.83	29,955.03
Sagebrush Research.....	834.30	429.33
Canyon Ferry Bird Management.....	2,281.40	5,330.90
Libby Deer Contract.....	1,104.58	11,281.21
Lovaas Elk Publication.....	-	188.25
Lake Helena Game Management Area....	2.00	-
Tiber Reservoir Development.....	348.55	-
TOTAL.....	<u>\$ 49,567.28</u>	<u>\$ 57,093.23</u>
PITTMAN-ROBERTSON PROJECTS		
Salaries and Benefits.....	\$ 464,700.09	\$ 508,784.68
Operations.....	294,114.74	348,517.71
Repair and Maintenance.....	42,288.12	22,443.82
Capital Expenditures.....	197,695.59	840,132.20
Student Grants.....	26,806.32	15,605.88
TOTAL.....	<u>\$ 1,025,604.86</u>	<u>\$ 1,735,484.29</u>
TOTAL GAME MANAGEMENT DIVISION..	<u><u>\$ 1,157,003.82</u></u>	<u><u>\$ 1,902,595.84</u></u>

DETAIL OF EXPENDITURES-- (Continued)

	<u>June 1969</u>	<u>June 1970</u>
RECREATION AND PARKS DIVISION		
ADMINISTRATION AND RECREATION PLANNING		
Salary and Benefits.....	\$ 81,271.15	\$ 123,587.78
Operations.....	56,197.39	66,229.09
Repair and Maintenance.....	7,107.28	5,921.84
Capital Expenditures.....	2,438.26	45,269.21
TOTAL.....	<u>\$ 147,014.08</u>	<u>\$ 241,007.92</u>
FISHING ACCESS AND RECREATION SITES		
Salary and Benefits.....	\$ 21,135.11	\$ 32,231.54
Operations.....	13,295.19	17,733.41
Repair and Maintenance.....	3,505.46	66.64
Capital Expenditures.....	90,293.49	180,429.68
TOTAL.....	<u>\$ 128,229.25</u>	<u>\$ 230,461.27</u>
STATE PARKS		
Salary and Benefits.....	\$ 232,021.61	\$ 271,283.08
Operations.....	98,099.78	109,478.69
Repair and Maintenance.....	22,025.90	20,417.82
Capital Expenditures.....	306,365.46	248,357.73
TOTAL.....	<u>\$ 658,512.75</u>	<u>\$ 649,537.32</u>
TOTAL RECREATION AND PARKS.....	<u>\$ 933,756.08</u>	<u>\$ 1,121,006.51</u>

DETAIL OF EXPENDITURES-- (Continued)

	<u>June 1969</u>	<u>June 1970</u>
ENVIRONMENTAL RESOURCES DIVISION		
STATE FISH HABITAT STUDY		\$ 14,561.84
Salary and Benefits.....		6,223.04
Operations.....		12.34
Repair and Maintenance.....		55.71
Capital Expenditures.....		
TOTAL.....		<u>\$ 20,852.93</u>
POLLUTION CONTROL		
Salary and Benefits.....	\$ 13,351.25	
Operations.....	10,739.70	
Repair and Maintenance.....	40.35	
Capital Expenditures.....	5,328.91	
TOTAL.....	<u>\$ 29,460.21</u>	
WATER RESOURCES DEVELOPMENT AND PLANNING		
Salary and Benefits.....	\$ 9,088.16	
Operations.....	1,591.37	
Repair and Maintenance.....	3.72	
Capital Expenditures.....	27.60	
TOTAL.....	<u>\$ 10,710.85</u>	
HEDDLESTON DISTRICT MINING PROJECT		
Operations.....	\$ 844.54	
TOTAL.....	<u>\$ 844.54</u>	
SMITH RIVER PROJECT		
Salary and Benefits.....	\$ 35,661.92	
Operations.....	17,284.70	
Repair and Maintenance.....	46.48	
Capital Expenditures.....	3,135.66	
TOTAL.....	<u>\$ 56,128.76</u>	
TOTAL ENVIRONMENTAL RESOURCES DIVISION		<u>\$ 117,997.29</u>



