

MONTANA DEPARTMENT OF FISH, WILDLIFE, & PARKS
FISHERIES DIVISION

PROGRESS REPORT

Statewide Lake Inventory

FWP Project 3853

Contract with Water Quality Bureau
Department of Health and Environmental Sciences

ACCOMPLISHMENTS

1. The interagency lake database input form and instructions have been modified to: a. include fields for entering additional information, b. increase clarity, and c. increase efficiency and economy in data processing by computer.

Copies of the latest form and instructions are attached. Pages 5 and 6 of the form were especially developed by our department for inputting data from the Earth Sciences Department, Montana State University. Since there was some duplication in data furnished by FWP (Fish, Wildlife, & Parks), and ES (Earth Sciences), a procedure was designed and implemented for integrating information from the two departments.

2. A comprehensive computer program system (six programs) has been prepared for data manipulation and editing. As shown on the attached printouts the following data have been entered onto the computer file:

132 lakes with Earth Sciences and Fish, Wildlife, & Parks data
222 lakes with Earth Sciences data only
466 lakes with Fish, Wildlife, and Parks data only

Many of these data were entered on an earlier version of the input form and were reformatted. Considerable editing has been done; however, some edit corrections remain to be made.

Following is a breakdown of information collected on lakes in the Environmental Protection Agency eutrophication survey.

<u>Lake Name</u>	<u>Data Source</u>	<u>Lake Name</u>	<u>Data Source</u>
Whitefish L. (Lower)	FWP	Georgetown Res.	No data
McDonald Lake	ES & FWP	Hebgen Res.	No data
Flathead Lake	No data	Koocanusa Res.	FWP
Tally Lake	FWP	Nelson Res.	FWP
Swan Lake	FWP	Clark Canyon Res.	FWP
Seeley Lake	ES & FWP	Tongue R. Res.	FWP
Mary Ronan Lake	ES & FWP	Canyon Ferry Res.	No data
Tiber Res.	FWP	Bighorn Lake	No data

WORK TO BE DONE

1. Clean up problems set forth on existing edit report. It is estimated this will take five man days.
2. Continue entering data onto input forms. FWP emphasis will be on the five lakes from the U.S. Environmental Protection Agency Eutrophication Survey for which there is now no data, and on lakes for which there is only ES data. It is our understanding that ES plans to submit data for Beaverhead and Flathead counties once required maps are obtained. When field forms from any source are received by FWP, Helena, they have to be keypunched, the data edited and the data added to the computer file (magnetic tape).

WORK SCHEDULE

Concurrent with the submission of this report listings of waters to be emphasized and a new supply of forms are being sent to appropriate FWP field personnel. It is anticipated that considerable progress on entry of information onto forms will be made by February 1. Then, a minimum of six weeks must be allowed for processing before the data will be available from the computer file. In the meantime the existing edit report will have been taken care of.

Existing funding is adequate to carry this project to the end of the fiscal year (June 30, 1981). A substantial amount of new data can be entered if the project is extended until that date.

GENERAL

The computer system developed and the lake database created will not only serve the immediate needs of this project but will provide a computerized lake survey data file that will replace FWP's current card file. Expanding and maintaining the computer file will be an ongoing project with data being entered not only from FWP but also from the U.S. Forest Service and the U.S. Bureau of Land Management. Based on FWP's experience with the computerized stream fishery data file, the lake file will be constantly used by state and federal agencies and private consulting firms.

Prepared by: George D. Holton

December 18, 1981

* SERIAL NUMBER 111

INTRAGENCY LAKE FISHERY DATA INPUT FORM

Page 1

CARD	STATE *	PLEASE READ INSTRUCTIONS BEFORE FILLING OUT FORM.																																				FISHING DISTRICT *	FWP REGION	STATE WATER CODE *		WATER TYPE	LAKE SECTION NUMBER
		LAKE NAME																																						DRAINAGE	WATER		
1																																											

CARD	LOCATION *																			HYDROLOGIC UNIT CODE *																
					LATITUDE			LONGITUDE			1	2	3	4	5																					
	TOWNSHIP	RANGE	SECTION	SUB-SECTION	DEGREES	MINUTES	SECONDS	DEGREES	MINUTES	SECONDS																										
2																																				

CARD	OUTLET NAME(S) OR NAME OF IMMEDIATE DRAINAGE																														COUNTIES *									
																															1	2	3	4	5					
	3																																							

CARD	NUMBER	MOUNTAIN RANGE *	*WILDERNESS OR PRIMITIVE AREA	ELEVATION (USUAL)		OWNER *																INGRESS		ACCESS *											
				METERS	RATING	1		2		3		4		RATING	SHORE *	SURROUNDING LAND *	DRY LAND *	SNOWMOBILE *	BOAT TRAILER *	BOAT MOTOR USE *															
						CODE	%	CODE	%	CODE	%	CODE	%																						
6																																			

CARD	ADMINISTRATIVE LOCATIONS *																			SURFACE AREA													
	FOREST SERVICE			BUREAU OF LAND MANAGEMENT			F&W SERVICE			OTHER AGENCY			HECTARES AT USUAL WATER LEVEL					RATING															
	REGION	FOREST	DISTRICT	DISTRICT	AREA	INDIAN OR MILITARY RESERVATION OR NAT'L WILDL. REFUGE	AGENCY	DISTRICT OR AREA																									
8																																	

CARD	SHORELINE LENGTH *		SHORE COVER *										SHORE USE *										CLASS.		ESTHETICS *							
	KM AT USUAL WATER LEVEL	RATING	FOREST %	BRUSH %	BOG %	SAVANNAH AND MEADOW %	BARREN %	RATING	RE-SORTS NO.	HOUSES OR COTTAGES ENTER NUMBER	CAMPSITES		OTHER *	RATING	HOW FORMED *	PHYSICAL CHEMICAL *																
											IM-PROVED	UNIM-PROVED																				
											NUMBER	NUMBER																				
9																																

CARD	NUMBER	HOW TO REACH LAKE * - FILL IN IF ROAD OR TRAIL NOT SHOWN ON USGS, FS, OR BLM MAP OR IF OTHERWISE PERTINENT																																															
12																																																	

CARD	NUMBER	HOW TO REACH LAKE * Continued																																															
12																																																	

***WRITE LEGIBLY - USE SOFT PENCIL OR FELT POINT PEN -
USE PRINTED CAPITAL LETTERS INCLUDING I, O, Z AND S.***

*SEE INSTRUCTIONS

[illegible]

C A R D	W A T E R Q U A L I T Y																																												
	DISSOLVED OXYGEN								ALKALINITY		TOTAL DISSOLVED		SPECIFIC CONDUCTANCE		pH																														
	(MID-SUMMER MINIMUM)				(WINTER MINIMUM)				(TYPICAL)		SOLIDS (TYPICAL)		(TYPICAL)																																
	TOP	RATING	BOTTOM	RATING	TOP	RATING	BOTTOM	RATING	MG/L	RATING	MG/L	RATING	MICROMHOS/ CM ²	RATING	NORMAL LOW	RATING	NORMAL HIGH	RATING																											
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INTERAGENCY LAKE FISHERY DATA INPUT FORM

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CARD	OTHER USES *															LIMITING FACTORS - MOSTLY NATURAL *																																		
43	POWER	IRRIGATION	FLOOD CONTROL	STOCK WATERING	WATER	INDUSTRIAL	WATER SUPPLY	HATCHERY	FOOD SOURCE	COMMERCIAL FISHING	FOREST	IMPORTANCE*	OTHER *				TEMPERATURE	SHORT GROW- ING SEASON	LOW PRODUCTIV- ITY	SHOAL AREA LACK	SPAWNING AREA LACK	BARRIER IN INLET	BARRIER IN OUTLET	TOO SHALLOW	NATURAL WATER LEVEL FLUCT.	EXCESS SNOW COVER	OXYGEN DEPLETION	WINTER KILL	SUMMER KILL	UNDERBONE	WATER EXCHANGE	EXCESSIVE WATER EXCHANGE	TURBIDITY	EXCESS NAT. SILTATION	OVERPOPULATION OF ROUGH FISH	OVERPOPULATION OF SMOOTH FISH	DISEASE	PARASITES	LOW AQUATIC VEG.	EXCESSIVE AQUATIC VEG.	EXCESSIVE SHORE VEG.	LOGS, DEBRIS IN SHALLOWS	EXCESS MOG OUTLIES, ETC.	OTHER *						
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***WRITE LEGIBLY - USE SOFT PENCIL OR FELT POINT PEN -
USE PRINTED CAPITAL LETTERS INCLUDING I, Ø, Z AND S. ***

*SEE INSTRUCTIONS

INTERAGENCY LAKE FISHERY DATA INPUT FORM

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*SEE INSTRUCTIONS

INTERAGENCY LAKE FISHERY DATA INPUT FORM

SERIAL NUMBER

Page 5

C A R D	N U M B E R	I N P U T																									S T R E A M S																								
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C A R D	N U M B E R	DRAINAGE BASIN AREA (hectares)	R A T I N G	L A K E A N N U A L W A T E R I N P U T (cubic hectometers)	R A T I N G	T O P O G R A P H I C C L A S S E S I N D R A I N A G E																																										
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C A R D	N U M B E R	B A S I N G E O L O G Y										B A S I N S O I L T Y P E S																																					
		C L A S S 1		C L A S S 2		C L A S S 3		C L A S S 4		R A T I N G	C L A S S 1		C L A S S 2		C L A S S 3		C L A S S 4		R A T I N G																														
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C A R D	N U M B E R	B A S I N L A N D U S E										B A S I N P O P U L A T I O N																																							
		C L A S S 1		C L A S S 2		C L A S S 3		C L A S S 4		C L A S S 5		R A T I N G	T O T A L	R A T I N G	o/o R U R A L	R A T I N G																																			
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INTERAGENCY LAKE FISHERY DATA INPUT FORM

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INTERAGENCY LAKE FISHERY DATA INPUT FORM

C A R D	N U M B E R	M A P R E F E R E N C E S																																																					
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DETAILED INSTRUCTIONS FOR ENTERING DATA INTO
MONTANA INTERAGENCY LAKE^{1/} FISHERY DATABASE

General Instructions

It is not intended that all data for a lake be entered at one time, but as they become available. See Appendix for Entries that Must be Made, Substantiating Information and Procedures for Making Additions and Corrections.

When a lake or reservoir extends beyond Montana into another state or province, data on Montana portion only should be entered. Comments on out-of-state portion can be entered on Card 97 (additional information).

Metric measurements are to be used exclusively. For metric equivalents of English units see Appendix. "Usual" when used in connotation of usual water level, or usual maximum depth means the most common condition existing during the year - not necessarily the average.

An * in a heading on the form indicates special coding or instructions and directs the user's attention to these instructions.

1 or 1 indicates a decimal point. Other decimals cannot be entered except in open fields (see next paragraph).

Most fields (a field is a unit of data) are right-justified, i.e., the last digit or letter must be in the right-most box and blanks, if any, are at the left end. Some fields are left-justified. These are signified by an arrow ←. Here, blanks, if any, are on the right. You have flexibility in making entries in open fields (those calling for names and words). Apostrophes, decimals, periods, dashes and slashes are permissible. Each requires a separate column. Be as brief as possible, consistent with being clear, as each column containing a number or letter adds to the data base storage cost.

Certain fields are repeating fields, (list in Appendix) that is, if the space provided by one of them is insufficient the overflow information may be entered on an additional card or cards (sometimes duplicate cards are on the form). Note the first column (column 6) on each card containing a repeating field has the heading "number." This is the card sequence number. It must be left blank if only one card is used, otherwise it must be filled in. Enter 1 on first card, 2 on second, etc. When additional forms are used, fill in: lake name, state water code and lake section number on Card 1, so all data for the lake are identified as such.

Leading zeros are not required when entering measurements (e.g., length of reach) but are required with all codes (i.e., stream order, drainage, water number, water type, fish species, etc.).

Boxes labeled RATING ask you to judge the quality of your data from "1" (poorest) to "9" (best). Rate conservatively. As a guide:

- 1 to 3 means the datum rated is a judgment estimate.
- 4 to 6 means the datum rated is based on limited measurements.
- 7 to 9 means the datum rated is based on extensive measurements.

Y or N asks you to answer: Y (Yes) or N (No).

Spaces that do not have headings should be left blank; they will not be keypunched.

If you need help in completing a form, phone George Holton or Agnes Wismer, Department of Fish, Wildlife and Parks, Helena. Phone number 449-2448 or FTS 587-2448. They will be happy to assist.

When you have completed a form check it against the Entries That Must be Made and Substantiating Information sections in the Appendix to make sure it meets all requirements. When this is done and form is ready for keypunching send it to Fisheries Division, Montana Department of Fish, Wildlife and Parks, 1420 E. 6th Avenue, Helena, Montana 59620.

^{1/} Includes reservoirs and ponds.

Specific Instructions

Serial Number. Will be entered by FWP (Department of Fish, Wildlife and Parks).

CARD 1

State. Leave blank, computer will enter.

Fishing District. Will be entered by FWP.

State Water Code. Determine water code (but not water type) from list furnished by Montana Department of Fish, Wildlife and Parks. If not on list write or phone: Fisheries Division, Montana Department of Fish, Wildlife and Parks, 1420 East 6th Avenue, Helena, MT 59620 - phone 449-2448 (FTS 587-2448).

Water Type. All reservoirs and ponds (except beaver ponds) are considered lakes. In this database lake water type codes are:

- 03 - trout lake (members of trout family predominate or lake managed for trout family, e.g., by stocking)
- 04 - nontrout lake (sport species other than trout family predominate and/or are planted)
- 09 - lake deliberately left fishless
- 20 - lake has fishery potential but management undecided
- 29 - lake unable to sustain fish population
- 30 - lake potential uncertain or unknown

Lake Section Number. Numbers 000 through 010 are reserved for Department of Fish, Wildlife and Parks, 200 through 210 for U.S. Forest Service, 400 through 410 for U.S. Bureau of Land Management, and 600 through 610 for U.S. Fish and Wildlife Service. Normally a lake will be considered as a unit with number 000 (FWP), 200 (FS), 400 (BLM) or 600 (F&W Ser.) used to designate the whole lake. The additional numbers (001, 002 ..., 201, 202 ..., 401, 402 ..., 601, 602 ...) are provided, when desired, so separate forms can be submitted for specific areas such as bays and arms (e.g., on Flathead Lake and Fort Peck Reservoir). If eleven numbers are insufficient due to special circumstances or a special study, contact FWP and more will be provided. (There is additional information on Lake Section Numbers under Additional Details on Water Codes and Lake Section Numbers in the Appendix.)

CARD 2

Location. Enter a township, range and section for mid-lake or that includes at least part of this lake but no other lake (if necessary, divide down to subsection - see Appendix). The objective is to facilitate finding a particular lake in the future. For example, if a section contains two or more unnamed lakes it will be helpful if the database location is a subsection that contains this lake (or a portion of it) and no other lake.

Hydrologic Unit Code. This entry designates a drainage area. Regional or state offices of each agency have USGS map showing these codes.

CARD 3

Outlet Name(s) or Name of Immediate Drainage. Enter name of outlet stream(s). If unnamed, an entry such as "UN (meaning unnamed) trib to Drum Cr" will suffice. If the lake has no outlet, enter name of immediate drainage (i.e., the drainage that would receive water overflowing lake during a flood); also, enter an "X" in column 30 (which on future forms will be titled "No outlet"). If lake is in a deep, closed basin the entry in column 30 should be "C".

Counties. Enter codes for counties bordering lake:

001 Beaverhead	029 Flathead	057 Madison	085 Roosevelt
003 Big Horn	031 Gallatin	059 Meagher	087 Rosebud
005 Blaine	033 Garfield	061 Mineral	089 Sanders
007 Broadwater	035 Glacier	063 Missoula	091 Sheridan
009 Carbon	037 Golden Valley	065 Musselshell	093 Silver Bow
011 Carter	039 Granite	067 Park	095 Stillwater
013 Cascade	041 Hill	069 Petroleum	097 Sweet Grass
015 Chouteau	043 Jefferson	071 Phillips	099 Teton
017 Custer	045 Judith Basin	073 Pondera	101 Toole
019 Daniels	047 Lake	075 Powder River	103 Treasure
021 Dawson	049 Lewis & Clark	077 Powell	105 Valley
023 Deer Lodge	051 Liberty	079 Prairie	107 Wheatland
025 Fallon	053 Lincoln	081 Ravalli	109 Wibaux
027 Fergus	055 McCone	083 Richland	111 Yellowstone
			200 Glacier Nat'l Park

CARD 6

Mountain Range, Wilderness or Primitive Area. If not applicable, leave blank.
If applicable, codes are given in the Appendix.

Owner. Agency and owner codes are given in Appendix. This is a repeating field, see General Instructions on page 1.

Ingress. Ingress in this database means the legal right to enter.

Ingress to lake shore:

- 1 - Public land or a FWP easement right insures access to enough of lake to make all the lake available from shore or boat.
- 2 - Public land or a FWP easement right borders the lake but its extent or location does not provide adequate access so all types of fishermen can fully utilize lake.
- 3 - A lake bordered by private land where ingress is uncontrolled or readily available by permission. Future ingress is not guaranteed.
- 4 - A lake bordered by private land where ingress is more restricted than in number 3 and permission to fish more difficult to obtain.
- 5 - A lake involved in some sort of fee fishing, e.g., Indian reservation, private business, leased to private group, or other.
- 6 - A lake surrounded by private land where little or no ingress is permitted. Owner and a few friends may fish but the public is essentially excluded.

Ingress through surrounding land. Fill in if lake is at least partly on public land:

- G - Guaranteed (public land or road)
- U - Uncontrolled but not guaranteed
- P - Permission needed and usually granted
- D - Denied to general public

Access. Access in this database means the ability to enter as pertains to physical barriers.

Dry land access codes*:

- A - Automobile
- J - 4-wheel drive (i.e., J for jeep)
- B - Motor bike
- H - Horse
- W - Foot (walking)
- R - Restriction prohibiting motor vehicles

Snowmobile access codes*:

- A - Accessible
- N - Not accessible
- R - Restriction prohibits motor vehicles

*Specifically: last 4 km of travel to reach within 200 m of shore.

Boat trailer access codes:

- A - Accessible (4- or 2-wheel drive not specified)
- J - 4-wheel drive towing unit advisable
- T - 2-wheel drive towing unit sufficient
- N - Not accessible

Boat Motor Use. Enter:

- A - Allowed
- N - Not allowed
- R - Restricted use allowed (i.e., no wake speed, etc.)

CARD 8

Administrative Locations. Administrative location entries enable each agency to draw information from the database on waters within its administrative boundaries. Codes for national forests and forest districts, BLM districts and resource areas, Indian reservations, and national wildlife refuges are given in Appendix. For Other Agency (i.e., other than FS, BLM, F&W Ser., FWP) enter agency code from Appendix and appropriate district or areas designation. If a lake is in two Forest Service districts the "Other Agency" field can be used, if desired, for the second district. For example, an entry for Belt Creek District of Lewis and Clark Forest would be:

OTHER AGENCY	
AGENCY	DISTRICT OR AREA
-151	5103
Forest	Dist.

CARD 9

Shoreline Length. If this information and surface area (Card 8) are entered, the shore development will be calculated by the computer and will be available for printouts.

Shore Cover. Indicate approximate percentage of lakeshore that is in the following cover classes:

- Forest. Stands of trees averaging 20 feet or more in height.
- Brush. Woody vegetation less than 20 feet in height.
- Bog. Wet areas of grasses and sedges that usually appear in dark tones on photos.
- Meadow. Areas of grasses and sedges that are drier than bogs and usually appear in lighter tones on photos. Savannahs (grasslands with scattered trees) are included here.
- Barren. Rocky areas or areas of no vegetation.

Shore Use. Emphasis is on lake shore facilities that exist because of the attraction of the lake as a recreation site.

Resorts include commercial resorts open to the public that offer such amenities as food and drink, lodging, boat rental, and/or guide service.

Houses or cottages are privately owned structures.

A campsite is a space occupied by a single tent, trailer, or camper vehicle. An improved site would include a picnic table and/or formal firebox plus toilet facilities; an unimproved site would be a place where camping is permitted but there are no facilities except possibly a toilet.

"Other" includes other developments such as church camps. If "other" is "X'd," briefly specify the type development on Card 97.

The rating in column 42 should cover all your entries pertaining to shore use.

Classification. Lakes are classified as to the mode of formation and their

physical-chemical and biological properties. Enter appropriate codes:

How Formed - leave blank if not known:

- C - Cirque Lake: Formed in rock cirque basin by plucking action of the head of a former glacier.
- P - Paternoster Lake: Rock basin scoured out by a glacier as it moved downhill (does not include cirque or moraine lakes).
- T - Moraine Lake: Formed behind terminal or lateral debris dam left by glacier.
- K - Kettle, Pothole or Bog Lake: Small depression (normally less than 10 acres) usually formed by melted ice block left from glacial activity.
- V - Crater Lake: Natural collection of water in crater of extinct volcano.
- O - Oxbow Lake: A streambed meander cut off from the main channel.
- E - Lake formed by crustal movement of earth: Upwarping of earth's crust which forms a dam or downwarping which forms a depression.
- S - Lake formed by slump or sinkhole.
- L - Lake formed by land slide.
- U - Natural lake - mode of formation unknown.
- M - Man-made lake.
- R - Reservoir: A water body formed and altered in water level by man.
- N - Natural lake supplemented by man-made structure.

Physical-Chemical - leave blank if not known (the following definitions are intended only as guidelines):

- O - Oligotrophic Lake: Nutrient poor, oxygen rich, depth usually greater than 25 feet, bottom material mostly inorganic, dissolved oxygen plentiful at bottom, emergent aquatic plants absent, total dissolved solids less than 30 ppm, plankton scarce.
- M - Mesotrophic Lake: Attributes intermediate between those for oligotrophic and eutrophic lakes, the depth usually greater than 20 feet.
- E - Eutrophic Lake: Usually 10-25 feet deep, bottom material mostly organic, dissolved oxygen often absent at bottom, emergent aquatic plants present, total dissolved solids more than 30 ppm, plankton abundant.
- D - Dystrophic Lake: Includes bog lakes, depth less than 20 feet, characterized by incomplete decay of plants, accumulation of humic materials, bottom material entirely organic, water saturated with dissolved oxygen during daylight hours, below saturation at night, emergent aquatic plants and plankton abundant.

Esthetics. Esthetics should be coded A (high) through E (low). Features that detract from esthetics include: pollution, dewatering, mine tailings, a busy highway adjacent to lake and severe land abuse. As a guide:

- A - Lake of outstanding natural beauty in a pristine setting.
- B - Lake comparable to A except it may lack pristine characteristics. Presence of human development such as roads, farms, etc., usually comprise the difference between A and B.
- C - Lake with natural beauty but of a more common type than A and B; clean lake in an attractive setting.

D - Lake and area with fair esthetic qualities.

E - Lake with low esthetic qualities.

CARD 12

How to Reach Lake. No entry needed unless you can give pertinent information not shown on a U.S. Geological Survey, U.S. Forest Service, or U.S. Bureau of Land Management map. Be concise. This is a repeating field, see General Instructions, page 1.

CARD 15

Water Control. (Do not fill out for natural lakes without man-made water control structures).

Codes:

- A - Active water control mechanism
- B - Breached dam or dike
- L - Water control mechanism locked open; includes lakes, reservoir or pond with trickle tube only
- N - No water level control mechanism

CARD 16

Temperature. Top measurement should be taken about 1 meter below surface; bottom measurement, within 1 meter of bottom.

Spring Lake - This will be used to identify lakes fed by springs (including warm springs) to the extent that they stay essentially ice-free during winter.

CARD 20 & 21

Water Quality.

Dissolved Oxygen. Top measurement should be taken about 1 meter below surface; bottom measurement, within 1 meter of bottom.

Alkalinity. Should be total alkalinity, i.e., combined phenolphthalein alkalinity and methyl orange alkalinity expressed as mg/l of calcium carbonate.

pH, Turbidity and Secchi Disc. If you have only one figure for one of these attributes, enter it as "normal low;" and in the rating column enter A for average, E for estimate or S for single measurement. (Ratings of 1 to 9 are required if you fill in both normal low and normal high.)

WQ Data In. Enter "X" in appropriate column if water quality data for the lake is available from STORET (U.S. Environmental Protection Agency database) or MWQRS (Montana Water Quality Record Storage - Department of Health and Environmental Sciences).

CARD 26

Inlet(s) or Outlet(s). These fields permit a description, where pertinent, of the suitability of inlets and outlets for stream spawning sport fish. Include intermittent streams if used for spawning. Entries in columns labelled "I (inlet) or O (outlet)" plus "Number of I's or O's" tell what the information immediately following pertains to. I.e., "Normal Low Flow" and "Potential Length for Spawning" are the combined low flow and combined lengths suitable for spawning for the number of inlets or outlets designated. Entering I (or O) in both columns 7 and 29 and 1 in columns 8 and 30 allows two inlets (or outlets) to be described individually. Appropriate entries will permit a description of the same inlet(s), or outlet(s) for spring conditions and separately for fall conditions.

Designate season with adequate flow as follows:

<u>No Season</u>	<u>1 Season</u>	<u>2 Seasons</u>	<u>3 Seasons</u>	<u>4 Seasons</u>
NIL	WIN	WSP	WSS	ALL
	SPR	WSU	WSF	
	SUM	F&W	SSF	
	FAL	SPS	SFW	
		SPF		
		SUF		

or use the following month codes: Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec.

Suitability code of potential length for spawning (for lake fish that spawn in streams):

- E - excellent (abundant reproduction)
- A - adequate (enough reproduction to maintain lake population)
- I - inadequate (some reproduction but not enough to maintain lake population)
- N - not suitable for spawning
- Z - unknown

CARD 30

Habitat Value for Fishes of Special Concern. Fishes of special concern are entered here and again in the Fish Population field which follows. This is a repeating field, see General Instructions on page 1.

Fish codes are in Appendix (fishes of special concern are indicated).

Habitat codes are:

- G - greatest or highest-value habitat
- H - high priority habitat
- S - substantial value habitat
- L - limited value habitat

Fish Population. This is a repeating field, see General Instructions , page 1.

Species: Fish codes are in Appendix.

Abundance of fish will refer only to adult fish, or in case of game and sport fish to keeper size (7" minimum for trout; exception 6" minimum for trout populations which spawn when shorter than 7"). Abundance code should reflect the greatest population during the year. Since trout command the most interest of Montana fishes the abundance codes for all fishes in this database, rather than being based on "normal" populations for the species concerned, are determined by comparing the number to that for a normal *Salmo* population. I.e., don't consider that since catfish are never numerous that "this is an abundant population for catfish," but rather that "if these were trout the number would be considered as common." In this case the abundance would be coded C (common). We have no number standards at this time for abundant, common, uncommon and rare, therefore, these designations will be based on judgment.

- A - Abundant
- B - Abundant with proportional number of large size (See Appendix)
- C - Common
- D - Common with proportional number of large size (see Appendix)
- U - Uncommon
- V - Uncommon with proportional number of large size (see Appendix)
- R - Rare
- E - Presence not verified but expected
- M - Species absent but could be present if habitat problems corrected
- N - Not present
- P - Species absent, but might be present if introduced (e.g., potential habitat in a barren lake)
- Z - Abundance unknown

If no fish present, code as:

SPECIES		
CODE	ABUN.	Spawning
01010	N	N

Spawning Codes:

- A - Adequate
- N - Not adequate or none
- E - Excessive
- D - Drift - no reproduction (or inadequate reproduction) by fish in lake but drift of wild (or hatchery) fish from upstream is adequate for stocking.
- I - Inadequate spawning or drift to maintain population
- Z - Unknown

CARD 32

Standing Crop Per 100 Square Meters. This is a repeating field, see General Instructions on page 1.

Data on fish standing crop are usually obtained by a mark-recapture technique (e.g., Schnabel estimate) or by the recently developed hydroacoustical method. Data on coarse species may be included. In minimum length field enter minimum length of fish included in the estimate. In month and year fields enter date estimate was made or if entries are based on more than one year's data the latest year.

CARD 35

% Potential Fish Biomass. The present biomass of game and sport fish is what percent of the potential biomass if major problems were taken care of. Enter range.

Fish Planting.

Category - use the following codes:

- I - Not on planting schedule - insufficient information on which to determine need for planting.
- N - Not on planting schedule - habitat not suitable.
- R - Not on planting schedule - game or sport fish population maintained by natural reproduction*.
- V - Not planted - designated as virgin lake (for wilderness or scientific value).
- P - Private funds used for fish planting.
- S - Fish regularly planted (stocked) by public agency.
- E - Planting recommended (expect to plant).

*Sporadic plants may have been made to introduce fish or re-establish population after winterkill, chemical treatment, etc.

Species - Fish codes are in Appendix. Enter only if plants are being made or recommended.

Size - Enter size(s) of fish used, or intended for use, in management of this lake. For lakes where two sizes of same species are planted space is provided for two sizes, i.e., columns labeled "1" and "2." Where one size is planted, use column labeled "1."

- E - Eggs
- Y - Fry
- F - Fingerlings (1-3")
- S - Subcatchables (4-6")
- C - Catchables (7" & over)
- B - Retired brood
- V - Varies

Number Per Hectare - For both sizes combined if two are planted.

Frequency - Enter appropriate code:

- 1 - Annually
- 2 - Every 2 years
- 3 - Every 3 years
- 4 - Every 4 years
- 5 - Every 5 years
- 6 - Every 6 years
- etc.

- W - When needed or available; initial plant and when needed to re-establish population
- D - Planted periodically in past, planting discontinued
- N - Not established or unknown
- S - Second choice, planted when priority species not available.

Planting Method - Enter code for usual transportation method:

- T - Truck
- P - Pack horses or back pack
- H - Helicopter
- F - Fixed-wing aircraft
- A - Aircraft undesignated

Growth Rate and Condition. Enter judgment appraisals of the growth rate and condition of game or sport species. Codes:

- G - Good
- F - Fair (average)
- P - Poor

As a guide: for Age II trout good growth is greater than 6 inches per year; fair growth is 2-6 inches per year; poor growth is less than 2 inches per year.

Species Contamination.

Lake - Can a unique species (e.g., pure strain cutthroat or golden trout) be planted in lake without danger of being contaminated? Enter Y (yes) or N (no).

Drainage - Is there a unique species in drainage that could be jeopardized if wrong species were planted in lake? Enter Y (yes) or N (no).

CARD 37

Sport Fishing Pressure. If there are sport fish in the lake a point estimate of fisherman days is needed for planning, lake assessment and management. On-site creel census, fisherman counts, etc. are the best basis, followed by the statewide fishing pressure survey (providing it includes an estimate for the lake under consideration). If available, give the standard deviation. In the absence of data, enter your best "guesstimate" based on fish present, ingress and access. Use an appropriate data quality rating. If it is 3 or less your estimate will be replaced by a figure from the statewide fishing pressure survey (which has a data quality rating of 4) if one becomes available.

% of Allowable Fishing Pressure - The present angler use is what percent of total pressure this lake can stand and still maintain quality fishing in terms of fisherman density, size of fish and catch per hour. Enter range.

CARD 38

Fish in Creel. This is a repeating field, see General Instructions on page 1.

CARD 42

Plants and Animals (Other Than Fish). Enter:

- C - Common or plentiful
- R - Rare or uncommon
- X - Present, abundance not specified
- N - None observed

If "other" is "X'd", briefly explain on Card 97.

Special concern, column 11, should be "X'd" if endangered, threatened or special concern plants are known to be in the lake or on its marshy border. Also make a brief entry on Card 97, e.g., "lake has rare plant, species".

Likewise special concern, column 39, should be "X'd" if the lake provides habitat or food for endangered or special concern aquatic/terrestrial wildlife other than fish. Enter the name of the species on Card 97 with a brief comment on its use of the reach. E.g., "one or two bald eagles winter here."

Latin and English names explained:

Opossum shrimp. Genus in Montana is Mysis.

Amphipods. Scuds (Gammarus, Hyaella or Pontoporeia). Use this box if specific identification not made.

Gammarus/Hyaella. These are combined since they are found in similar habitats.

Pontoporeia. Rare in Montana, found in deep water of large oligotrophic lakes.

True midges. Chironomids.

True round worms. Nematodes.

Oligochaetes. Includes small aquatic earth worms and bristle worms which reach about $\frac{1}{2}$ inch.

Megaloptera. Alderflies (locally called willowflies) are common. Dobsonflies have been found in eastern Montana, but are extremely rare.

True bugs. Insects of order Hemiptera.

CARD 43 to 45

Other Uses. Local importance. Enter "X" if lake deserves special consideration as it is one of few or the only lake or pond environment in the immediate area and is important for science teaching, nature study and/or recreation.

If "other" is "X'd", briefly explain on Card 97.

Limiting Factors, Man-caused Pollution, Water Removed or Fluctuated For, Bank or Watershed Abuse, Dam/Dike Problems. These fields are provided for indicating natural or man-caused conditions that are limiting the fishery. They should be filled out by a fishery biologist considering the type of fishery (i.e., cold-water, cool-water). Be conservative in making entries - be able to substantiate that each factor "X'd" is, in fact, limiting the fishery value. If more than one box describes a condition or problem each can be "X'd" in spite of possible redundancy.

If "other" is "X'd", briefly explain on Card 50.

Recreation Conflicts. Other recreation activities that conflict with fishing.

If "other" "X'd", briefly explain on Card 50.

CARD 48 & 49

Manage for unique species. If "X'd", enter on Card 50 "Manage for (name of fish)".

Study planting improvement. Investigate present fish planting to determine if change in numbers, sizes, species, method or time of planting would result in a better fishery or more economical use of hatchery fish.

Establ. repro. sport fish. Establish population of game or sport fish that maintains itself by natural reproduction.

Change sport fish. If "X'd", enter on Card 50 "Change to (name of fish)".

Introduce other. Introduce organism(s) other than fish. If "X'd", enter on Card 50 "Introduce _____ (name of organism) _____."

Enforce regulations. Enforce fishing or recreational-use regulations.

Other. If "X'd", briefly explain on Card 50.

Photograph Number. Enter number, if applicable.

CARD 50

Other Limiting Factors or Management Needs. This is a repeating field, see General Instructions on page 1. Be concise, computer space is expensive.

CARD 97

Data Source and Additional Information. This is a repeating field, see General Instructions on page 1. First enter date, name of person to contact for information on data entered, and abbreviation for his agency (example: 10/82 Peters, FWP). Then use this card for additional information on any item plus information for which no specific space is provided (except limiting factors and management needs; these should be entered on Card 50). This includes citations of past detailed studies on this lake and its biota. Be concise.

APPENDIX (LAKE INSTRUCTIONS)

Entries That Must be Made.

Card	Field
All	Rating (data quality rating must be given for each measurement entered).
1	Lake Name.
1	Fishing District (entered by FWP).
1	FWP Region (can be entered by FWP)
1	State Water Code (drainage and water)
1	Water Type
1	Lake Section Number
2	Township, Range, Section
2	Hydrologic Unit Code (can be entered by FWP)
3	Outlet Name(s) or Name of Immediate Drainage
3	County
6	Ingress - Shore and Surrounding Land
8	Administrative Locations
8	Surface Area
9	Esthetics
15	Usual Maximum Depth
97	Data Source
6, 12, 30 32, 35, 38, 50, 97	These are cards that contain repeating fields. If more than one card is used, the card sequence number must be entered in column 6, otherwise leave card sequence number blank. (See paragraph on repeating fields in General Instructions.)
42, 43 45, 49	Each time "other" is specified, an explanation must be given on Card 50 (limiting factors and management recommendations) or on Card 97 (additional information).
48	"Manage for Unique Species," "Change Sport Species," and "Introduce Other" must have fish or organism named on Card 50.

Substantiating Information. If certain fields are "X'd," it stands to reason that substantiating information also will be provided. For example, if "change commercial fish management" (Card 49, column 19) is "X'd" we would expect the lake is used for commercial fishing (Card 43, column 13). Such substantiating information is checked by the edit program. When it is not present a diagnostic, or message, will appear on the edit printout. Following are the diagnostics and conditions (cards present and absent) that will evoke them. Please check to see that you have met these conditions or have a reason for not doing so.

<u>Diagnostics</u>	<u>PRESENT</u>		<u>ABSENT</u>	
	<u>Card</u>	<u>Column</u>	<u>Card</u>	<u>Column</u>
Barriers not indicated	48	26	43	27, 28
Commercial fishery not indicated	49	19	43	13
Dam problems not indicated	48	42	45	43-46

Debris in shallows not indicated	48	36	43	48
Excess aquatic plants not indicated	49	6	43	46
Excess fluctuations not indicated	48	44	43 45	30 or 9
Fluctuations not reported	43 45	30 9, 22-27	15	18-31
Fish planting not indicated	48	17-19	35	14=P, S
Recommend fish planting not indicated	48 35	16 14=E	35 48	14=E 16
Inadequate water exchange not indicated	48	43	43	37
Littoral area not reported	43	25	24	6-8
Owners do not add to 100%	6	19-42		
Oxygen not reported	43	32	20	6-21
Pollution not indicated	48	33	45	11-20
Recreation conflict not indicated	49	13	45	40-42
Rough fish not indicated	48	24	43	41
Stock use not indicated	45	18, 32	43	9
Summerkill not indicated	48	50	43	35, 36
Winterkill not indicated	48	49	43	33, 34
Temperature not reported	43	22	16	30-38
Too shallow not indicated	48	45, 47	43	29
Vegetation not reported	43	46	42	7-11
Virgin lake not indicated	35	14=V	1	46-47=09
	1	46-47=09	30	15-19=000NN
Water control not reported	45 48	43-46 42	15	33
Wrong sport fish not indicated	48	21	43	43

Requested Fields - Optional, but easily filled in.

<u>Card</u>	<u>Field Name</u>
6	Access
9	Shore Use
15	Water Control
43	Other Uses
43 & 45	Limiting Factors, etc.

Repeating Fields (See explanation in General Instructions, page 1)

<u>Card</u>	<u>Field Name</u>
6	Owner
12	How to Reach Lake

<u>Card</u>	<u>Field Name</u>
30	Habitat Value for Fishes of Special Concern
30	Fish Population
32	Standing Crop per 100 Square Meters
35	Fish Planting
38	Fish in Creel
50	Other Limiting Factors or Management Needs
97	Additional Information

Additional Details on Water Codes and Lake Section Numbers. Lakes unable to sustain fish ordinarily will not have a unique water code. Instead the county drainage number (a catchall number assigned by FWP) will be used. In these instances the lake section number will be assigned sequentially for each agency (FWP, 000 through 199; FS, 200 through 399; BLM, 400 through 599; and F&W Ser., 600 through 699). Assignment of the water code (county drainage number) and lake section number will be by FWP. These number combinations will provide a unique identifier for each lake.

Procedures for Making Additions and Corrections

Additions and corrections may be made at any time. In each instance we must have the lake name, water code and reach number. If you can also furnish the serial number this will be helpful. The simplest way to make corrections will be by phoning them to Agnes Wismer or George Holton in the Department of Fish, Wildlife and Parks, Helena: 449-2448 (FTS 587-2448).

If extensive corrections or additions are to be made there are two approaches:

The easier is to enter them on the original form used to enter data into the computer (if this is available). Use a pencil color different from that originally used (so we can tell the new data from the old) and cross out incorrect data leaving it still legible so we can see what should be removed. Write boldly at the top of the first page of the form "Correction" and/or "Addition."

The second approach is to use a new form, again indicating correction or addition at the top of the first page and entering the lake name, water code and reach number on Card 1. New data can be entered in the appropriate fields and data to be corrected should be entered then crossed out (leaving them legible) and the correct data entered above. Ordinarily Card 1 will be treated only as an identifier. Therefore, be sure additions and corrections entered on this card are individually labelled as such.

If repairs are so extensive that you want to completely remove and replace a reach in the database this can be easily done by just letting us know.

Metric Abbreviation Used on Data Bank Input Forms and Factors for
Converting English Units to Metric Units

°C or °Celsius = (°Fahrenheit - 32°) x .556

cm or centimeters = inches x 2.54
= feet x 30.48

g or grams = pounds x 453.5924

ha or hectares (square hectometers) = acre x .4047

hm or hectometer = 100 meters

hm³ or cubic hectometer = acre feet x .001233
= cubic kilometer (km³) x 1000

kg or kilograms = pounds x .4536

kg/ha or kilograms per hectare = pounds per acre x 1.1208

kilograms per 300 meters = pounds per 1000 feet x .4465

km or kilometers (1000 meters) = miles x 1.609 or feet x .0003048

m or meters = feet x .3048
= yards x .9144

m/sec or meters per second = feet per second x .3048

m³/sec or cubic meters per second = cubic feet per second x .02832
= hm³/yr divided by 31.5619

mg/l or milligrams per liter = parts per million

fish/300 meters = fish per mile divided by 5.36

fish/hectare = fish/acre x 2.471

Administrative Locations

Forest And District Codes, Forest Service Region 1

<u>FOREST</u>	<u>CODE</u>	<u>DISTRICT</u>	<u>CODE</u>	<u>FOREST</u>	<u>CODE</u>	<u>DISTRICT</u>	<u>CODE</u>
BEAVERHEAD	02	Dillon	01	GALLATIN	11	Big Timber	01
		Wise River	02			Livingston	02
		Wisdom	03			Gardiner	03
		Sheridan	06			Bozeman	05
		Madison	07			Gallatin	06
						Hebgen Lake	07
BITTERROOT	03	Stevensville	01	HELENA	12	Townsend	01
		Darby	02			Helena	02
		Sula	03			Lincoln	04
		West Fork	04				
IDAHO PANHANDLE	04	Wallace	01	KOOTENAI	14	Rexford	01
		Avery	02			Yaak	02
		Fernan	03			Fortine	03
		St. Maries	04			Troy	04
		Sand Point	06			Libby	05
		Bonniers Ferry	07			Fisher River	06
		Priest Lake	08			Cabinet	07
		Red Ives	09				
CLEARWATER	05	Pierce	01	LEWIS & CLARK	15	Teton	01
		Palouse	02			Sun River	02
		Canyon	03			Belt Creek	03
		Kelly Creek	04			Judith	04
		Lochsa	05			Musselshell	06
		Powell	06			White Sulphur	07
CUSTER	08	Sheyenne	01	LOLO	16	Missoula	03
		Beartooth	02			NineMile	04
		Sioux	03			Plains	05
		Ashland	04			Seeley Lake	06
		Ft. Howes	05			Superior	07
		Grand River	06			Thompson Falls	08
		Medora	07				
		McKenzie	08				
DEERLODGE	09	Deerlodge	01	NEZPERCE	17	Salmon River	01
		Jefferson	02			Clearwater	04
		Philipsburg	03			Red River	05
		Butte	04			Moose Creek	06
						Selway	07
						Elk City	08
FLATHEAD	10	Swan Lake	01				
		Spotted Bear	04				
		Hungry Horse	06				
		Glacier View	07				
		Tally Lake	08				

Mountain Ranges

<u>CODE</u>	<u>MOUNTAIN RANGE</u>	<u>CODE</u>	<u>MOUNTAIN RANGE</u>
ABS	Absaroka Range	LAR	Larb Hills
APG	Apgar Mountains (Glacier NP)	LEW	Lewis Range (Glacier NP)
ANA	Anaconda Mountains	LBT	Little Belt Mountains
BPW	Bearpaw Mountains	LRK	Little Rocky Mountains
BTH	Beartooth Range (incl. Beartooth Plateau)	LSY	Little Snowy Mountains
BVH	Beaverhead Mountains	LWF	Little Wolf Mountains
BBT	Big Belt Mountains	LIV	Livingston Range (Glacier NP)
BHN	Bighorn Mountains		
BSY	Big Snowy Mountains	MAD	Madison Range
BIT	Bitterroot Range	MIS	Mission Range
BRI	Bridger Range		
BTL	Blacktail Range	PIN	Pintlar Peaks
BUT	Butte Highlands		Pioneer Mountains (see E. Pioneer and W. Pioneer Mountains)
CAB	Cabinet Mountains	PRY	Pryor Mountains
CAS	Castle Mountains	PUR	Purcell Mountains
CEN	Centennial Mountains		
COR	Coer d'Alene Mountains	ROS	Rosebud Mountains
CZY	Crazy Mountains	RUB	Ruby Range
EPI	East Pioneer Mountains		
ELK	Elkhorn Mountains	SAL	Salish Mountains
FHD	Flathead Mountains	SAP	Sapphire Mountains
FLN	Flint Creek Range	SNO	Snowcrest Range
		SPA	Spanish Peaks
GAL	Gallatin Range	SPO	Spokane Hills
GLT	Galton Range	SWA	Swan Range
GRR	Garnet Range	SGR	Sweet Grass Hills
GRN	Granite Range		
GRV	Gravelly Range	TEN	Tendoy Mountains
HIM	Highwood Mountains	TOB	Tobacco Root Mountains
HRS	Horseshoe Hills	TRI	Trilobite Range
JON	John Long Mountains	WPI	West Pioneer Mountains
JUD	Judith Mountains	WHI	Whitefish Range
		WOL	Wolf Mountains

Wilderness and Primitive Areas

<u>CODE</u>	<u>AREA</u>	<u>CODE</u>	<u>AREA</u>
Wilderness Areas - USFS		Wilderness Areas - FWS	
131	Absaroka-Beartooth	MED	Medicine Lake
047	Anaconda-Pintler	RED	Red Rock Lakes
049	Bob Marshall	ULB	UL Bend
050	Cabinet Mountains		
051	Gates of the Mountains		Wildlife refuge proposals awaiting enactment - FWS
135	Great Bear		
052	Mission Mountains	CMR	Charles M. Russell - BLM-FWS
090	Scapegoat		
044	Selway-Bitterroot		
123	Welcome Creek		
Primitive Areas - USFS		Scenic Area	
053	Spanish Peaks	-SA	Scenic Area
Primitive Areas - BLM			
BTC	Beartrap Canyon		
HUM	Humbug Spires		

Administrative Locations(Continued)

Bureau of Land Management District and Resource Area Codes

<u>DISTRICT</u>	<u>CODE</u>	<u>RESOURCE AREA</u>	<u>CODE</u>
Miles City	020	Powder River Big Dry	PRRA BDRA
Lewistown	060	Billings Havre Valley Judith Phillips	-BRA -HRA -VRA -JRA -PRA
Butte	070	Dillon Garnet Headwaters	-DRA -GRA -HRA

Reservations and National Wildlife Refuges

FHDIR	Flathead Indian Reservation	BNLWR	Benton Lake NWR
BKFIR	Blackfeet Indian Reservation	BOWWR	Bowdoin NWR
RBVIR	Rocky Boy Indian Reservation	CMRWR	C.M. Russell NWR
FBNIR	Fort Belknap Indian Reservation	HLSWR	Hailstone NWR
FPKIR	Fort Peck Indian Reservation	LKMWR	Lake Mason NWR
CRWIR	Crow Indian Reservation	LMSWR	Lamesteer NWR
NCHIR	Northern Cheyenne Indian Reservation	MEDWR	Medicine Lakes NWR
HVRMR	Havre Military Reservation	NBRWR	National Bison Range WR
		NPIWR	Ninepipe NWR
		PABWR	Pablo NWR
		REDWR	Red Rock Lakes NWR
		ULBWR	UL Bend NWR
		WHSWR	Warhorse NWR
		YLWWR	Yellowwater NWR

Agency and Owner Codes

Code

AMC	Anaconda Copper Mining Co. Do not use - Anaconda's timberlands are now Champion Int'l (CIR); mining lands, Atlantic Richfield (COR)
BLM	U.S. Bureau of Land Management
-BN	Burlington Northern
-CE	Corps of Engineers, U.S. Army
CFU	MT Cooperative Fishery Unit
COR	Other Industrial Corporations
CIC	Champion International Corp
DNR	MT Dept. of Natural Resources
DSL	MT Dept. of State Lands (school, lands, etc.)
EPA	U.S. Environmental Protection Agency (including Storet)
FWP	MT Dept. of Fish, Wildlife & Parks
-FS	U.S. Forest Service
FWS	U.S. Fish & Wildlife Service
-IR	Indian Reservation
LPC	Louisiana Pacific Lumber Co.
MHD	MT Highway Dept.
MHE	MT Dept. of Health & Environmental Sciences
MPC	Montana Power Company
-MR	Military Reservation
MSF	MT State Forest
MSU	MT State University
NPS	National Park Service
PLP	Pacific Light & Power
PRI	Other Private
REC	U.S. Bureau of Reclamation
SCS	Soil Conservation Service
S&L	Other State & Local
SRG	St. Regis
-UM	University of Montana
-WE	Western Energy
WLC	Weyhauser Lumber Co.
WWP	Washington Water Power Co.

Montana Fishes In Family Sequence

MT FWP Code		MT FWP Code	
27	Sturgeon*	31	Sucker*
90 #	White Sturgeon	40	Buffalo*
91 #	Pallid Sturgeon	55	River carpsucker
92	Shovelnose sturgeon	56	Longnose sucker
		57	White sucker
28 #	Paddlefish	58	Largescale sucker
		59	Blue sucker
38 #	Shortnose gar	60	Bigmouth buffalo
		61	Smallmouth buffalo
34	Goldeye	62	Shorthead redhorse
		63	Mountain sucker
01	Rainbow trout*		
02	Cutthroat trout*	24	Channel catfish
03	Brook trout	25	Bullhead*
04	Brown trout	64	Stonecat
05	Dolly Varden	65	Black bullhead
06	Lake trout	66	Yellow bullhead
07	Golden trout		
08	Kokanee	100 #	Trout-perch
09	Coho salmon		
10 #	Arctic grayling	26	Burbot
11	Rainbow x cutthroat trout hybrid		
12 #	Westslope cutthroat trout (pure)	103	Plains killifish
13 #	Yellowstone cutthroat trout (pure)		
14	Whitefish*	106	Mosquitofish
15	Lake whitefish	109	Shortfin molly
85	Mountain whitefish	112	Variable platyfish
86	Pygmy whitefish	115	Green swordtail
87	Chinook salmon		
88	Splake	71	Brook stickleback
89	Salmon*	72	White bass
118	Trout*	17	Largemouth bass
119	Trout/Salmon*	18	Bass*
120	Rainbow x golden hybrid	19	Sunfish*
121 #	Upper Missouri cutthroat (pure)	21	Crappie*
122 #	Native rainbow trout	73	Smallmouth bass
99	Rainbow Smelt	74	Bluegill
23	Northern pike	75	Pumpkinseed
		76	Green sunfish
29	Peamouth	77	Black crappie
30	Goldfish	78	White crappie
32	Carp	79	Rock bass
33	Northern squawfish		
35	Utah chub	20	Yellow perch
37	Minnow*	22	Sauger/Walleye*
39	Longnose dace	81	Sauger
41	Northern redbelly/Finescale dace*	82	Walleye
42	Brassy minnow	83	Iowa darter
43	Silvery/Plains minnow*		
44	Flathead chub	36	Freshwater drum
45	Lake chub		
46 #	Sturgeon chub	16	Sculpin*
47	Emerald shiner	130	Mottled sculpin
48	Sand shiner	131	Slimy sculpin
49	Redside shiner	132	Torrent sculpin
50 #	Creek chub	133 #	Shorthead sculpin
51	Pearl dace	134 #	Spoonhead sculpin
52	Fathead minnow		
53	Golden shiner		
54 #	Sicklefin Chub		
140	Silvery minnow		
141	Plains minnow		
142 #	Finescale dace		
143	Northern redbelly dace		

*Undesignated -- use these codes only if more specific identification cannot be made.

#Fishes of special concern due to limited numbers and/or limited habitats in Montana.

Standards For Large-Sized Fish

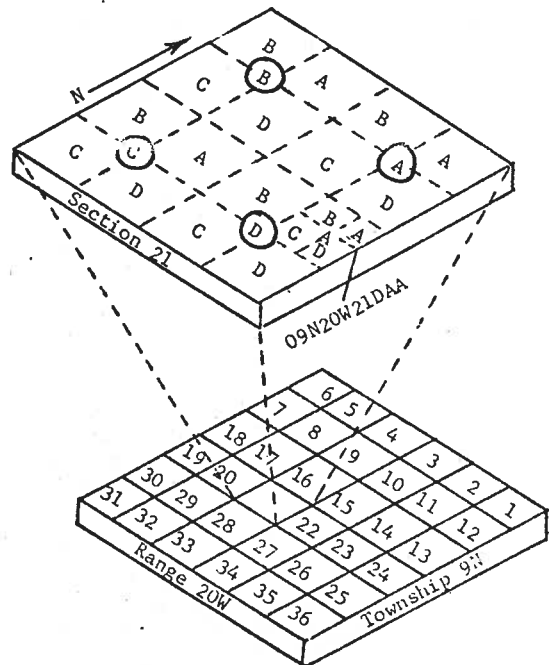
<u>Species</u>	<u>kg</u>	<u>lbs.</u>	<u>Species</u>	<u>kg</u>	<u>lbs.</u>
Shovelnose sturgeon	2.7	6	Northern pike	6.8	15
Paddlefish	34.0	75	Bullhead black & yellow	.3	.7
Mountain whitefish	.9	2	Channel catfish	3.6	8
Kokanee	.9	2	Burbot	2.7	6
Cutthroat trout	.7	1.5	Smallmouth bass	.9	2
Rainbow trout	1.4	3	Largemouth bass	1.8	4
Brown trout	1.4	3	Crappie, black & white	.5	1
Brook trout	.5	1	Yellow perch	.5	1
Bull trout	3.6	8	Sauger	.9	2
Lake trout	6.8	15	Walleye	1.8	4
Arctic grayling	.9	2			
Golden trout	.5	1			
Kokanee		2.5			

Land Description (Township Range Subsection)

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Townships are located by a numbered grid system consisting of Range and Township lines. The Township lines run east and west of a principal meridian. The Range lines run north and south of an established base line. Thus, a Township is described as a number N or S of the base line, and a number E or W of the principal meridian.

A desirable modification of the usual method of describing a location on a map is the one used by several agencies including the USGS. A location is specified by using 12 characters - the first three give the Township; the next three give the Range; the next two the Section number within the Township; and the next four the location within the quarter section (160 A), the quarter-quarter section (40 A), the quarter-quarter-quarter section (10 A) and the quarter-quarter-quarter-quarter section (2½ A). The subdivisions of the 640 A section are designated as A, B, C, and D in a counterclockwise direction, beginning in the northeast quadrant. For example, if a lake is located in Township 9N, Range 20W, Section 21 the description would be 09N20W21DAA. The letters DAA indicate the lake is in the NE¼ of the NE¼ of the SE¼. As indicated above, a still further breakdown to a 2½ acre area is possible using a fourth letter (A, B, C, or D).



The following eight pages contain information on entries made by the Department of Earth Sciences, Montana State University

ELEVATION QUALITY RATINGS

The quality ratings for elevations were assigned as follows:

9. U.S.G.S. checked spot elevation - black numerals on any scale map
7. U.S.G.S. unchecked spot elevation - blue numerals on any scale map
6. Calculated from contour lines on 7½ minute quads
5. Calculated from contour lines on 15 minute quads
4. Calculated from contour lines on 1:125,000 maps
3. Calculated from contour lines on 1:250,000 maps

QUALITY RATINGS FOR LAKE SURFACE AREA

The following criteria were used for rating lake surface area measurements.

9. Detailed field map constructed from on-site survey.
8. Individual aerial photo of lake with identifiable points that can be accurately measured on the ground.
7. Aerial photo of geographical area with distortion error away from center.
7½ minute quad sheets for larger lakes (8.1 hectares or larger)
6. 7½ minute quads for small lakes (less than 8.1 hectares)
5. 15 minute quad sheets regardless of size
4. Calculation based on pacing and/or measuring some key dimensions on the ground near the lake.
1:125,000 maps regardless of size
3. On site estimate.
1/250,000 maps regardless of size
2. "Office" estimate based on general knowledge of lake.

These same criteria were used for rating the drainage basins. Where sheets were filled out by the Fish & Game and their measurements had a higher rating than we could give them, their measurements were accepted.

TOPOGRAPHIC CLASSIFICATIONS

The following topographic classifications were used on this study.

<u>Code Number</u>	<u>Topographic Class</u>
01	ALPINE-TUNDRA - high mountain peaks, tundra grasslands near or above treeline.
02	HIGH MOUNTAINS - high, rugged mountain terrain; usually naturally forested, above the foothills but below treeline.
03	HILLS AND FOOTHILLS - lower elevations but often severely dissected; grasslands with scattered tree growth, especially on north facing escarpments.
04	VALLEYS - topographic lows created primarily by running water although possibly modified by other erosional agents.
05	UPLANDS AND PLAINS-DISSECTED - high plains topography that has been severely dissected by erosion; i.e. Missouri Breaks.
06	PLAINS: ROLLING AND IRREGULAR - generally lower elevations but also including some areas near the Rocky Mountain front where the topography can best be described as gently rolling, mildly dissected, with perhaps 100-200 feet of local relief.
07	PLAINS: FLAT - alluvial and glacial plains, little local relief.

Topographic Classifications have been given variable ratings depending on map scale, i.e. where 1:24,000 maps were available, a 7 rating was used.

GEOLOGICAL CLASSIFICATIONS

The following geological classifications were used on this study.

<u>Code Number</u>	<u>Geological Class</u>
01	PRE-BELT - gneiss, schist, and related rocks. (Pre-Cambrian).
02	PIEGAN AND RAVALLI GROUP (part of Belt Series) - heterogeneous mixture of shales, argillites, dolomitic limestones, and quartzite. (Pre-Cambrian).
03	CAMBRIAN, ORDOVICIAN, DEVONIAN UNDIFFERENTIATED - carbonaceous and calcareous shale with some dolomite, limestone, and sandstone.
04	MISSISSIPPIAN, PENNSYLVANIAN, PERMIAN UNDIFFERENTIATED - sandstone, shale, and limestone with some chert and quartzite.
05	KOOTENAI FORMATION AND ASSOCIATED ROCKS - conglomerate, sandstone, shale, and mudstone; purplish and green beds are common. (Lower Cretaceous-Jurassic).
06	COLORADO GROUP - mainly shale and siltstone; often calcareous, with bentonite beds and concretionary sandstones locally. (Cretaceous)
07	MONTANA GROUP - mainly sandstone and shale, soft and in part poorly consolidated; some coal. (Upper Cretaceous)
08	CRETACEOUS VOLCANIC ROCKS - flows of pyroclastic rocks, mainly of intermediate composition with subordinate amounts of interbedded sedimentary rocks.
09	LIVINGSTON FORMATION - water-laid volcanic material, mainly andesitic in composition; includes agglomerate, conglomerate, sandstone and shale. (Cretaceous)
10	BOULDER BATHOLITH, RELATED STOCKS, AND TERTIARY COARSE-GRAINED INTRUSIVE ROCKS - mainly quartz monzonite but including diorite, alkalic syenite, aplite, and other rocks. (Cretaceous-Tertiary)
11	WILLOW CREEK FORMATION - variegated clay and soft sandstone, mainly maroon to chocolate brown; local lenses of purple-gray modular limestone. (Early Tertiary)
12	FORT UNION FORMATION - clay shale, siltstone, and sandstone, and numerous lignitic beds. (Tertiary)

LAND USE CLASSIFICATIONS

The following land use classifications were used on this study. They are taken directly from the classifications used by the Statewide Cooperative and Land Use Mapping Program on their Montana land use maps.

<u>Code Number</u>	<u>Land Use</u>
01	URBAN AND BUILT-UP AREAS - Lands developed for commercial, light industrial, high density residential, and associated uses. Included are all lands within the municipal boundaries of incorporated cities and towns and those lands in unincorporated areas devoted to commercial and light industrial uses or where residential structures or parcels occur at an intensity of at least one per two acres.
02	RURAL AND SUBURBAN TRACTS - Areas of land divided into parcels of more than two acres but not larger than quarter-quarter aliquot parts of sections (approximately 40 acres). "Divided into parcels" means those parcels created by certificates of survey, subdivision plats, deeds, contracts for deed, or other instruments of conveyance.
03	HEAVY INDUSTRY AND UTILITY AREAS - Major feed lots and wood, chemical and mineral processing plants requiring a permit from the Department of Health and Environmental Sciences. Uses occupying less than 40 acres are represented by point symbols.
04	MINING EXTRACTION AREAS - Any operating strip or open cut mining and subsurface mining areas, gravel pits and quarries, tailing and waste areas which require a state operating permit. Point symbols are used for areas under 40 acres where individual mines or gravel pits are shown.
05	RECREATION USE AREAS - Areas on public and private lands used primarily for recreation. Ski areas, parks, campgrounds, regularly used trails, and general recreation areas with or without support facilities are included. Recreation areas smaller than 40 acres are shown as point symbols.
06	IRRIGATED CROPLAND, HAYLAND AND PASTURELAND - Land used for the production of vegetables, row crops, grain, and hay using subsurface, flood or sprinkler irrigation.
07	NON-IRRIGATED CROPLAND - All cultivated agricultural land not using irrigation. Land usually used for cultivation, but occasionally used for grazing is classified as non-irrigated cropland. Land which is planted and mowed for hay at regular intervals as well as orchards and Christmas tree plantations are included.

- 08 COMMERCIAL FOREST - Areas managed for timber harvest. Clear-cut areas and those in various stages of managed growth are included. Tree stands actively being harvested and those that may be harvested are mapped. The timber management activities in these areas include road building, thinning, slash disposal, tree planting, timber cutting, and cull tree removal. Commercial forest areas on public land and private lands managed by major commercial forest products industries are shown.
- 09 FOREST COVER AREAS - Coniferous and deciduous tree areas displaying a natural tree canopy or crown cover of 15% or more. This category includes forested areas unsuitable for commercial harvest or those that fall within management areas that preclude harvest.
- 10 RANGELAND - Native and introduced grassland or shrubland of less than 15% of tree cover and eroded areas, steep rocky slopes, barren areas above timberline, and rock outcrops. This includes areas supporting both livestock and foraging wildlife and areas of little value to man because of their unproductive surface conditions.
- 11 WATER

The basin Land Use Classifications have all been given a rating of 5 based on the scale of the State Land Use Maps.

- 13 TERTIARY SEDIMENTARY ROCKS, UNDIFFERENTIATED - clastic deposits in western Montana, mostly in valleys, poorly consolidated gravel, sand, silt, and clay; includes some tuffaceous material and locally lens of lignite and bentonite.
- 14 FLAXVILLE GRAVEL - brown, yellow, and gray gravel, sand and silt with marl and volcanic ash locally. (Quaternary).
- 15 TERRACE DEPOSITS - gravel, sand, and silt of terrace remnants. (Quaternary).
- 16 ALLUVIUM - mainly valley fill consisting of silt, sand, and gravel; includes some terrace deposits and glacial drift of Pleistocene age in some areas. (Quaternary)

Geologic Classifications has been given a rating of 4 based on the map scale used.

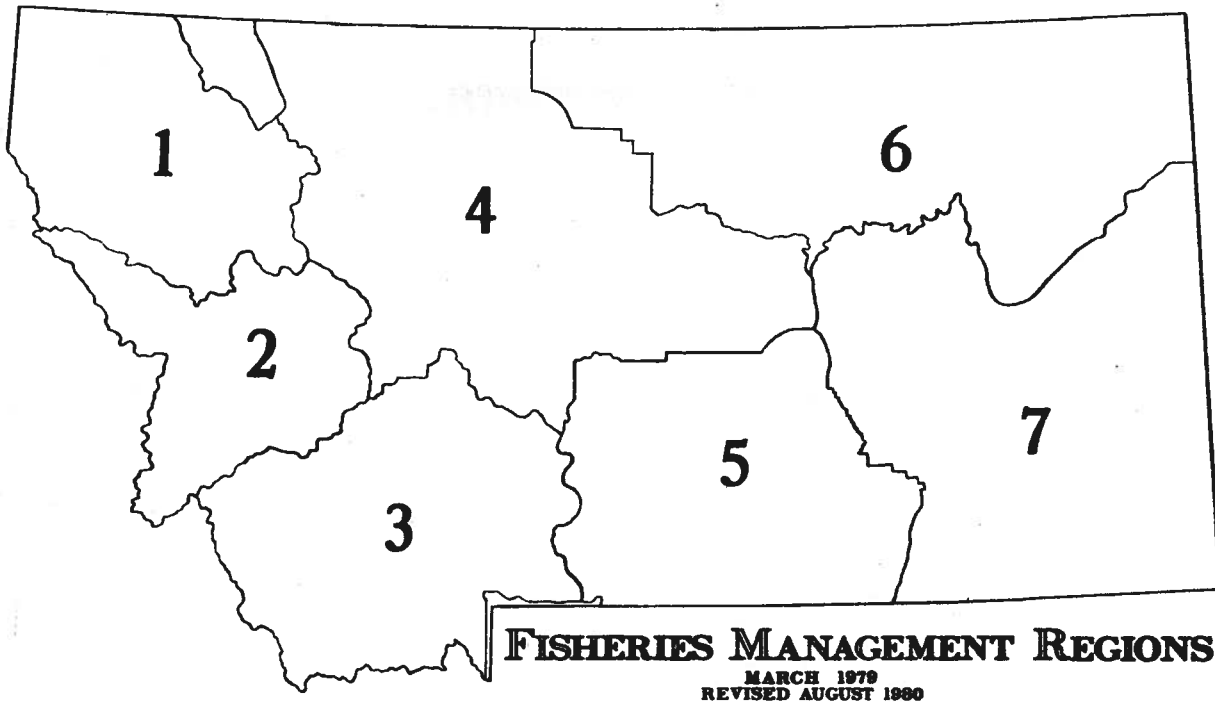
SOIL CLASSIFICATIONS

The following soil use classifications were used on this study.

<u>Code Number</u>	<u>Soil Class</u>
01	USTIC/XERIC/AQUIC-FRIGID/USTIC-FRIGID (Entisols-Inceptisols-Aridisols-Mollisols): nearly level to strongly sloping soils on low terraces, fans, and floodplains.
02	AQUIC-CRYIC (Mollisols): nearly level soils in cold, wet basins.
03	XERIC-FRIGID (Mollisols-Inceptisols): nearly level to strongly sloping soils on outwash terraces, fans, benches, lacustrine terraces and glacial moraines.
04	USTIC-FRIGID (Mollisols): moderately sloping to strongly sloping soils on foothills, moraines, benches and terraces.
05	USTIC-CRYIC (Mollisols-Inceptisols): undulating to steep soils on piedmont glacial moraines and foothills.
06	ARIDIC-FRIGID (Mollisols-Aridisols-Entisols): nearly level to strongly sloping soils on fans, benches, terraces, till plains, bedrock plains, and hills.
07	UDIC/FRIGID/CRYIC (Inceptisols-Alfisols): moderately sloping to very steep soils on mountains.
08	UDIC/CRYIC - Mountain peaks and gently sloping to very steep alpine grasslands.
09	ARIDIC/USTIC/AQUIC-FRIGID (Entisols-Aridisols): predominantly clayey, nearly level to strongly sloping soils on terraces, fans, benches, and on dissected shale plains.
10	ARIDIC/USITIC/AQUIC-FRIGID [Entisols (Badlands)]: steep and very steep soils on highly dissected river breaks.

Soil Classifications have all been given a rating of 3 based on the scale of the State Soils Map (1:1,000,000).

MONTANA DEPARTMENT OF FISH, WILDLIFE, AND PARKS



Key to Drainage Numbers

01 = Beaverhead	12 = Little Missouri
02 = Big Hole	13 = Madison
03 = Bitterroot	14 = Marias
04 = Blackfoot	15 = Milk
05 = Clark Fork (below Bitterroot R.)	16 = Missouri (below Marias R.)
06 = Clark Fork (above Bitterroot R.)	17 = Missouri (above Marias R.)
07 = Flathead (below South Fork)	18 = Musselshell
08 = Flathead (above & including South Fork)	19 = St. Mary
09 = Gallatin	20 = Sun
10 = Jefferson	21 = Yellowstone (below Bighorn R.)
11 = Kootenai	22 = Yellowstone (above & including Bighorn R.)

Key to County Numbers (Federal System)

001 Beaverhead	029 Flathead	057 Madison	085 Roosevelt
003 Big Horn	031 Gallatin	059 Meagher	087 Rosebud
005 Blaine	033 Garfield	061 Mineral	089 Sanders
007 Broadwater	035 Glacier	063 Missoula	091 Sheridan
009 Carbon	037 Golden Valley	065 Musselshell	093 Silver Bow
011 Carter	039 Granite	067 Park	095 Stillwater
013 Cascade	041 Hill	069 Petroleum	097 Sweet Grass
015 Chouteau	043 Jefferson	071 Phillips	099 Teton
017 Custer	045 Judith Basin	073 Pondera	101 Toole
019 Daniels	047 Lake	075 Powder River	103 Treasure
021 Dawson	049 Lewis & Clark	077 Powell	105 Vally
023 Deer Lodge	051 Liberty	079 Prairie	107 Wheatland
025 Fallon	053 Lincoln	081 Ravalli	109 Wibaux
027 Fergus	055 McCone	083 Richland	111 Yellowstone

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS

ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION - 222 LAKES WITH EARTH SCIENCES DEPARTMENT DATA ONLY

REGION	SERIAL	WATER CODE	CDUNTY	LAKE NAME	TWN RGE SEC	OUTLET OR DRAINAGE	SURFACE AREA
1	UVS	07 5222	047	ASHLEY LAKE	19N 19W 25	ASHLEY CREEK	18.6
1	UVT	11 7855	053	BAREE LAKE	26N 31W 36	BAREE CR	3.5
1	UVU	07 5260	063	BEANHOLE LAKE	18N 17W 06	HERRICK RUN	3.7
1	UVV	07 5295	063	BEAVER LAKE	18N 16W 05B	BEAVER CREEK	10.8
1	UVW	11 7960	053	BLUEBIRD LAKE	37N 26W 12	BLUEBIRD CREEK	1.2
1	UVX	07 5460	047	BOND LAKE	25N 17W 10	BOND CR	2.6
1	UVY	11 8000	053	BOULDER LAKE # 1	36N 30W 35	BOULDER CR	2.8
1	UVZ	11 8020	053	BOULDER LAKE #2	35N 30W 02	BOULDER CR	2.8
1	UV1	07 5660	047	CAT LAKE	22N 16W 32	CAT CREEK	5.2
1	UV2	07 5680	047	CEDAR LAKE	22N 18W 17	N FORK CEDAR CR.	18.9
1	UV3	07 5800	063	COLD LAKES	21N 18W 22	N FORK COLD CR	28.6
1	UV4	07 5880	063	CRESCENT LAKE	19N 18W 24	CRESCENT CR	10.0
1	UTT	08 8440	077	CRIMSON LAKE	18N 14W 23	CRIMSON CREEK	7.1
1	UV5	07 5940	063	CRYSTAL LAKE	18N 17W 08CAB	SWAN RIVER	70.6
1	UV6	07 5960	047	DISAPPOINTMENT LAKE	19N 18W 22	UN TRIB TO	7.4
1	UV7	08 8520	063	DOCTOR LAKE	19N 15W 14	DOCTOR CREEK	22.3
1	UV8	07 6200	063	ELK LAKE	20N 18W 28	S FORK ELK CR	48.7
1	UV9	07 6300	047	FATTY LAKE	22N 18W 05	FATTY CREEK	9.7
1	UWA	07 6380	047	FIRST LAKE	19N 18W 16	POST CREEK	21.2
1	UWB	11 8325	053	FLOWER LAKE	30N 32W 13	FLOWER CREEK	0.4
1	UWC	08 8620	063	GEORGE LAKE	19N 15W 26	GEORGE CREEK	49.8
1	UWD	07 6500	063	GLACIER LAKE	19N 17W 30CCB	GLACIER CR	41.9
1	UWE	11 8400	053	GRANITE LAKE	29N 32W 00	GRANITE CR	21.9
1	UWF	07 6580	063	GREY WOLF LAKE	18N 17W 30	SWAN RIVER	132.6
1	UWG	07 6600	047	HALL LAKE	26N 17W 31	HALL CREEK	132.6
1	UWH	07 6660	063	HEART LAKE	19N 18W 25	CRESCENT CREEK	9.2
1	UWI	07 6680	063	HEMLOCK LAKE	19N 18W 01	HEMLOCK CREEK	13.4
1	UWJ	07 6740	063	HIGH PARK LAKE	18N 18W 13	SWAN RIVER	49.0
1	UWK	07 6860	047	ICE FLOE LAKE	19N 18W 28	UN TRIB TO	4.8
1	UWL	07 6880	063	ISLAND LAKE	19N 18W 26ACCA	CRESCENT CREEK	8.9
1	UWM	08 9000	063	KOESSLER LAKE	19N 15W 10	DOCTOR CREEK	33.8
1	UWN	07 7140	047	LAKE OF THE CLOUDS	19N 18W 33	UN TRIB TO	13.8
1	UWO	07 7160	047	LAKE OF THE STARS	18N 18W 09	UN TRIB TO	7.4
1	UWP	11 8740	053	LEIGH LAKE	28N 32W 01	LEIGH CR	49.4
1	UWQ	11 8845	053	LITTLE BEAR LAKE	26N 30W 31	TRAIL CREEK	0.9
1	UWR	07 7390	063	LOOKOUT LAKE	16N 18W 12C	S FK JOCKO RIVER	1.1
1	UWS	07 7620	047	LUCIFER LAKE	18N 18W 05	MISSION CREEK	18.6
1	UWT	07 7780	063	MEADOW LAKE	18N 17W 04	HERRICK RUN	7.8
1	UWU	11 9173	053	MIDDLE FISH LAKE	36N 31W 14	WINDY CREEK	1.4
1	UWV	11 9220	053	MINOR LAKE	30N 32W 00	SOUTHFORK PARMENTER CREEK	7.4
1	UWW	11 9250	053	MT HENRY LAKE	36N 30W 17	BASIN CREEK	3.3
1	UWX	11 9297	053	NORTH FISH LAKE	36N 31W 11	WINDY CREEK	2.9
1	UU2	08 9400	077	OTIS CR LAKE	18N 14W 09	OTIS CREEK	3.7
1	UWY	07 8155	047	PABLO LAKE	21N 19W 12	COURVILLE CR	9.7
1	UWZ	08 9440	063	PENDANT LAKE	20N 15W 20	PENDANT CR	4.1
1	UW1	07 8260	047	PICTURE LAKE	18N 18W 04	MIDDLE FORK	7.1
1	UW2	07 7580	047	PIPER LAKE	22N 18W 29	PIPER CREEK	31.2
1	UW3	07 8300	047	PONY LAKE	22N 16W 28	PONY CREEK	7.4
1	UU5	08 9500	077	PRISONER LAKE	21N 12W 32	S FK WHITE RIVER	2.2

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
1	UU6	08 9520	077	PYRAMID LAKE	17N	14W	03	YOUNGS CREEK	3.3
1	UW4	08 9580	063	RUBBLE LAKE	20N	16W	12	WOODWARD CREEK	7.1
1	UW5	07 8590	047	SENIELEM LAKE	18N	18W	18	S FORK MISSION CREEK	9.3
1	UW6	07 8750	047	SOUTH CROW CREEK LAKE #1	20N	18W	32	UN TRIB TO CROW CR	5.2
1	UW7	07 8751	047	SOUTH CROW CREEK LAKE #2	20N	18W	06A	S CROW CREEK	23.8
1	UW8	07 8752	047	SOUTH CROW CREEK LAKE #3	20N	18W	08B	S.CROW CR.	4.1
1	UW9	07 8753	047	SOUTH CROW CREEK LAKE #4	20N	18W	07B	S.CROW CR.	13.8
1	UXA	07 8754	047	SOUTH CROW CREEK LAKE #5	20N	18W	07C	S.CROW CR.	11.9
1	UXB	07 8757	063	SOUTH FORK COLD CR LAKE # 1	20N	18W	10CDC	S FORK CR.	3.3
1	UXC	07 8758	063	SOUTH FORK COLD CR LAKE # 2	20N	18W	10BCC	S FORK COLD CR	2.9
1	UXD	07 8759	063	SOUTH FORK COLD CR LAKE # 3	20N	18W	11DBB	S FORK COLD CR	3.3
1	UXE	07 8760	063	SOUTH FORK COLD CR LAKE #4	20N	18W	10DBA	S FORK COLD CR	6.3
1	UXF	07 8761	063	SOUTH FORK COLD CR LAKE #5	20N	18W	10ADD	S FORK COLD CR	2.6
1	UXG	07 9120	047	TRINKUS LAKE	25N	17W	09	BOND CREEK	5.2
1	UXH	07 9140	063	TURQUOISE LAKE	19N	18W	34	GLACIER CREEK	73.2
1	UXI	11 9970	053	WEAGEL LAKE	37N	24W	28	WEASEL CREEK	4.1
1	UXJ	11 9980	053	WEE LAKE	33N	33W	24	ARBO CREEK	1.6
1	UXK	08 9980	063	WOODWARD LAKE	20N	15W	17	CATARACT CREEK	26.8
2	UTL	06 7315	039	ALPINE LAKE	07N	12W	24	N FORK RACETRACK CR	8.9
2	UTM	06 9006	039	BIG POZEGA LAKE	06N	12W	11	RACETRACK CREEK	21.9
2	UTN	06 7410	077	BOHN LAKE	07N	11W	34	DEMPSEY CREEK	4.8
2	UTO	06 7447	039	BOULDER LAKE LOWER	07N	12W	20A	BOULDER CREEK	2.9
2	UTP	06 7448	039	BOULDER LAKE UPPER	07N	12W	20D	BOULDER CR	1.1
2	UTQ	06 7562	039	COPPER CR LAKE #1	07N	13W	25A	COPPER CR	1.5
2	UTR	06 7563	039	COPPER CR LAKE #2	07N	13W	24D	COPPER CR	5.2
2	UTS	06 7564	039	COPPER CR LAKE #3	07N	13W	24A	COPPER CR	1.5
2	UTU	06 7619	039	DEAD MANS LAKE	07N	12W	26	N.FORK RACETRACK CREEK	3.3
2	UTV	06 7638	077	DOLUS LAKE #1	08N	11W	29BC	DOLUS CR	4.8
2	UTW	06 7639	077	DOLUS LAKE #2	08N	11W	29AB	DOLUS CREEK	.7
2	UTX	06 7640	077	DOLUS LAKE #3	08N	11W	29AD	DOLUS CREEK	1.8
2	UTY	06 7641	077	DOLUS LAKE #4	08N	11W	28	DOLUS CREEK	6.3
2	UTZ	06 7657	077	DONEY LAKE	08N	11W	15	WILLOW CREEK	11.5
2	UT1	06 7676	039	DORA THORN LAKE	07N	12W	19C	COPPER CREEK	3.3
2	UT2	06 7695	039	EAST FORK RESERVOIR	04N	14W	00	E.FORK ROCK CREEK	120.1
2	UT3	06 7733	039	ECHO LAKE	06N	13W	31	FLINT CREEK	40.3
2	UT4	06 7752	039	EDITH LAKE	03N	15W	28	FALLS FORK ROCK CREEK	9.6
2	UT5	06 7765	077	ELBOW LAKE	07N	11W	18	S.FK ROCK CREEK	4.8
2	UT6	04 6570	077	EVANS LAKE	14N	12W	02	N.FK BLACKFOOT RIVER	28.6
2	UT7	06 7885	039	FRED BURR LAKE	06N	13W	01A	FRED BURR CREEK	53.9
2	UT8	06 7904	039	FUSE LAKE	06N	17W	27	FUSE CREEK	4.4
2	UT9	06 7942	039	GEORGE LAKE	04N	14W	18	E FK ROCK CREEK	1.5
2	UUA	06 8018	039	GLOVER LAKE	03N	15W	21	TAMARACK CREEK	1.5
2	UUB	06 8151	039	GREEN CANYON LAKE	04N	16W	31	GR CANYON CREEK	3.3
2	UUC	06 8265	039	IVANHOE LAKE	03N	16W	26	MIDDLE FORK ROCK CREEK	4.1
2	UUD	06 8322	039	JOHNSON LAKE	02N	15W	32	FALLS FORK ROCK CR	17.8
2	UUE	06 7277	039	LAKE ABUNDANCE	03N	18W	01B	ROSS FORK ROCK CR	1.8
2	UUF	06 8436	039	LITTLE FISH LAKE	04N	17W	23	ROCK CREEK	2.6
2	UUG	06 8455	039	LITTLE JOHNSON LAKE	02N	16W	02	MIDDLE FORK ROCK CREEK	1.5
2	UUH	06 9007	039	LITTLE POZEGA LAKE	06N	12W	14B	RACE TRACK CR	5.2

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS

ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
2	UUI	06 8474	039	LITTLE RACETRACK LAKE	06N	12W	05	RACETRACK CREEK	2.9
2	UUJ	04 6870	077	LONG LAKE	14N	12W	16	N.FK BLACKFOOT RIVER	15.2
2	UUK	06 8522	077	LOWER BOWMAN LAKE	07N	11W	31	RACETRACK CREEK	3.3
2	UUL	06 8569	039	LOWER PHYLLIS LAKE	02N	15W	06	MIDDLE FORK ROCK CREEK	2.6
2	UUM	06 8607	077	MARTIN LAKE	07N	11W	17	TIN CUP JOE CR	8.1
2	UUN	06 8661	039	MEADOW LAKE #1	07N	12W	01BC	ROCK CREEK	1.8
2	UUQ	06 8664	039	MEADOW LAKE #4	08N	12W	36C	ROCK CREEK	3.3
2	UUR	06 8683	039	MEADOW LAKE #1	06N	12W	02D	RACETRACK CREEK	5.2
2	UUS	06 8684	039	MEADOW LAKE #2	06N	12W	02CC	RACETRACK CREEK	4.1
2	UUD	06 8662	039	MEADOW LAKE #2	08N	12W	36D	ROCK CREEK	5.6
2	UUP	06 8663	039	MEADOW LAKE #3	07N	12W	01BAA	ROCK CREEK	1.5
2	UUT	06 8685	039	MEADOW LAKE #3	06N	12W	03D	RACETRACK CREEK	3.7
2	UUU	06 8686	039	MEADOW LAKE #4	06N	12W	10AA	RACETRACK CREEK	4.5
2	UUV	06 8687	039	MEADOW LAKE #5	06N	12W	10AB	RACETRACK CREEK	2.6
2	U UW	06 8688	039	MEADOW LAKE #6	06N	12W	10B	RACETRACK CREEK	1.8
2	UUX	06 8712	077	MIDDLE BOWMAN LAKE	07N	11W	31	RACETRACK CREEK	5.9
2	UUY	06 8778	077	MT BEN LAKE	07N	11W	30	DEMPSEY CREEK	13.7
2	UUZ	06 8854	039	MUD LAKE	07N	12W	29	RACETRACK CREEK	4.4
2	UU1	04 7020	077	NEVADA LAKE	12N	10W	00	NEVADA CR	142.7
2	UU3	06 8930	039	PAGE LAKE	03N	14W	02	PAGE CREEK	.7
2	UU4	06 8987	077	POWELL LAKE	07N	10W	18	POWELL CREEK	1.8
2	UU7	06 9044	039	RACETRACK LAKE	07N	12W	32	RACETRACK CR	18.2
2	UU8	06 9063	039	RAINBOW LAKE	08N	12W	14	S.FK GOLD CREEK	5.9
2	UU9	06 9082	077	ROCK CREEK LAKE	08N	11W	23	ROCK CREEK	70.2
2	UVA	06 9120	077	RYAN LAKE	07N	11W	33	DEMPSEY CREEK	1.5
2	UVB	06 9215	039	SPRUCE LAKES #2	04N	14W	31	SPRUCE CREEK	2.6
2	UVC	06 9253	039	STEWART LAKE	02N	13W	16	S. BOULDER CREEK	5.9
2	UVD	06 9272	039	STONY LAKE	06N	17W	16	STONEY CREEK	4.1
2	UVE	06 9443	039	TOLEAN LAKE	08N	12W	25	ROCK CREEK	1.8
2	UVF	06 9453	077	TRASK LAKE #3	07N	11W	18B	SOUTH FORK ROCK CR	4.1
2	UVH	06 9455	077	TRASK LAKE #5	07N	11W	18CD	S.FK ROCK CREEK	6.3
2	UVI	06 8227	077	TRASK LAKE #6	07N	11W	18CC	S.FK ROCK CREEK	2.6
2	UVG	06 9454	077	TRASK LAKE #4	07N	11W	18CB	S.FK ROCK CREEK	2.2
2	UVJ	06 9457	077	TRASK LAKE #7	07N	11W	18DB	S FORK ROCK CR	9.2
2	UVK	06 9465	039	TWIN PEAKS LAKE	06N	12W	18	E.FORK WARM SPRINGS	1.1
2	UVM	06 9519	039	UNNAMED LAKES	06N	12W	18	MIDDLE FORK	6.3
2	UVL	06 9500	039	UNNAMED LAKES	06N	13W	13	W FORK WARM SPRINGS CR	1.8
2	UVN	06 9567	077	UPPER BOWMAN LAKE	07N	11W	31	RACETRACK CREEK	5.2
2	UVO	06 8797	077	UPPER ELLIOT LAKE	07N	11W	21	DEMPSEY CR	12.6
2	UVP	06 9633	039	UPPER PHYLLIS LAKE	02N	15W	06	MIDDLE FORK ROCK CREEK	2.2
2	UVQ	06 9640	039	UPPER SWAMP GULCH LAKE	07N	13W	24C	SWAMP GULCH CREEK	1.8
2	UVR	06 9728	039	WHETSTONE LAKE	04N	16W	29B	MOOSE MEADOW CREEK	5.9
3	UXL	22 7140	067	ALDRIDGE LAKE	08S	07E	36CADA	ALDRIDGE CR.	10.1
3	UXM	22 7537	067	COTTONWOOD LAKE	03N	11E	03AC	COTTONWOOD CR.-SHIELDS R.	3.7
3	UXN	22 7616	067	CRYSTAL LAKE	05S	11E	29DB	UN TRIB-EAST FK MI	2.5
3	UXO	22 7728	067	ELBOW LAKE	05S	10E	27BCCA	ELBOW CR., YELLOWSTONE R.	5.0
3	UXP	22 7826	031	FAIRY LAKE	02N	06E	23DOA	FAIRY CR.	6.3
3	UXQ	22 7860	067	FIRE LAKE	05S	10E	20DD	FIRE CR.-ELBOW CR.	3.7
3	UXR	22 8092	067	HIDDEN LAKE	09S	12E	07ADC	TO BUFFALO FORK	5.0

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
3	UXS	22 7784	031	LAKE ELSIE	07S	05E	10DBBB	NONE TO.-BIG CR.	.8
3	UXT	22 8351	031	LANDERS RESERVOIR	03N	07E	01	MUDDY CR.	13.0
3	UXU	22 8904	067	PINE CREEK LAKE	04S	10E	14CCBD	PINE CR. TRIBUTARY	12.6
3	UXV	09 9310	031	RAT LAKE	05S	04E	12AB	SQUAW CR.	3.8
3	UXW	22 9009	067	ROCK LAKE	03N	11E	11CACC	ROCK CR.-SHIELDS R.	19.3
3	UXX	22 9268	067	SMELLER LAKE	03N	11E	13DBCC	SMELLER CR.-ROCK CR.-SHIE	8.1
3	UXY	22 9422	067	THOMPSON LAKE	08S	09E	014	THOMPSON CR.-W FK MILL CR.	5.0
4	UTJ	14 8280	099	ODDEN POND #1	24N	01E	21	UN TRIB TO TETON RIVER	1.9
4	UTK	14 8320	099	ODDEN POND #2	24N	01E	28	UN TRIB TO TETON RIVER	1.3
5	UDS	22 9506	097	TROUT LAKE	06S	12E	04DA	NONE TO BOULDER R	1.3
6	UTE	16 4555	041	BURFIELD RES	33N	11E	32D	UN TRIB TO SAGE CR	.5
6	UTF	15 4730	041	CASADY POND NORTH	34N	17E	16	UN TRIB TO MCLAREN COULEE	1.8
6	UTH	15 5520	041	HALL CAM WILLIAM	37N	09E	12D	UN TRIB TO MILK RIVER	.9
6	UTG	15 5560	041	HANSON RES SWEDE	35N	17E	06	UN TRIB TO LODGE CR	4.8
6	UTI	15 6040	041	LENHART POND RAYMOND	36N	17E	20	UN TRIB TO LODGE CR	2.6
7	URO	21 2660	017	BALSAM RES.-C.	04N	53E	31BD	UN TRIB TO ASH CR	1.1
7	URP	21 1821	017	BEARDSLEY POND-PAT	09N	52E	20BD	UN TRIB TO COAL CR	.3
7	URQ	16 4430	033	BEECHER RESERVOIR #3	21N	34E	12ADA	SNOW CREEK DRAINAGE	2.2
7	URR	16 5210	033	BINION BASS POND	19N	39E	32DBB	JONES CR	6.6
7	URS	16 5210	033	BLM POND SECTION 21	20N	33E	21CA	INDIAN CR	0.7
7	URT	16 4470	033	BLM POND SECTION 22	21N	40E	22C	UN TRIB TO WOODY CR	0.2
7	URU	21 2660	017	BROWN POND-CECIL	07N	53E	13B	LOCATE CREEK	1.1
7	URV	16 4557	033	BURGESS RES.-ROY	20N	41E	13A	UN TRIB TO ARNOLD COULEE	8.2
7	URW	21 2360	021	CAMP REG.	13N	56E	09CC	UN TRIB TO CEDAR CREEK	.7
7	URX	16 5210	033	CHILDERS RES. #21	20N	31E	13AC	UN TRIB TO HAY COULEE	0.8
7	URY	16 4660	033	CHILDERS TROUT RESERVOIR	20N	33E	20C	INDIAN CREEK	3.2
7	UR1	16 5210	033	COLDWELL RES. #2	21N	40E	10D	UN TRIB TO FLAT CR	4.8
7	UR2	16 4750	033	COLWELL RES. #1	21N	40E	22CAD	UN TRIB TO WOODY CR	1.6
7	UR2	16 5210	033	COULTER RESERVOIR	21N	34E	13CAB	SNOW CREEK	2.4
7	UR3	16 5063	033	ENGDAHL RES.-C.C.	20N	36E	01BBDD	UN TRIB TO HELL CR	1.1
7	UR4	16 5069	033	ENGDAHL RES.-PEARL	20N	37E	06D	UN TRIB TO COTTONWOOD CR	2.8
7	UR5	21 2660	017	FT. KEOGH BASS POND	08N	46E	34B	UN TRIB TO COTTON CR	1.1
7	UR6	16 5608	033	HARBAUGH POND #2-CARL	18N	39E	28DB	UN TRIB TO SAND CR	0.3
7	UR8	21 3569	017	HAUGHIAN #3-DAN	11N	48E	15A	UN TRIB TO	.7
7	UR7	21 3572	017	HAUGHIAN PIKE POND #2	12N	47E	08A	FINLEY CR	4.8
7	UR9	21 3834	017	HOLMES RES.-HOMER	04N	51E	20CC	WEST FORTY CREEK	.7
7	USA	16 5210	033	ISAACS POND #1-BOYD	18N	40E	17ACA	BIG DRY CR	0.4
7	USB	16 5210	033	ISAACS POND-HAROLD	23N	41E	17	UN TRIB TO S FK BOX CR	1.8
7	USC	21 4610	087	KERNS RES #1	10N	37E	11AC	UN TRIB TO E BLACKTAIL CR	38.6
7	USD	21 7910	087	KERNS RES. #2	10N	37E	03AC	BROWN COULEE	26.0
7	USE	21 4625	087	KILLEN RES. #1-WILLIAM	11N	41E	11AC	UN TRIB TO UPPER COAL CR	1.1
7	USF	21 7910	087	KUKUCHKA #2-PETTICORD	09N	32E	29AC	UN TRIB TO INJUN CR	1.8
7	USG	21 4850	087	LEE POND #1-A.G.	08N	40E	36	UN TRIB TO HAY CR	1.1
7	USH	21 4900	087	LEE POND #2-A. G.	08N	40E	26	UN TRIB TO THOMPSON CR	4.8
7	USI	16 5210	033	LOWER EAST FLAT RES. #22	21N	41E	22DDDD	UN TRIB TO FLAT CR	0.9
7	USJ	21 5320	017	MATHISON POND-DELBERT	09N	47E	24C	HOUSE CR	2.6
7	USK	16 5210	033	MCRAE RES.-CHARLES	19N	41E	04CCC	SPRING COULEE	1.3
7	USL	16 5210	033	MID-FLAT CREEK RES.	21N	40E	04DA	UN TRIB TO FLAT CR	2.6
7	USM	16 5210	033	MID-WOODY CREEK RES.	21N	40E	26DA	UN TRIB TO WOODY CR	1.8

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
3	UXS	22 7784	031	LAKE ELSIE	07S	05E	10DBB8	NONE TO.-BIG CR.	.8
3	UXT	22 8351	031	LANDERS RESERVOIR	03N	07E	01	MUDDY CR.	13.0
3	UXU	22 8904	067	PINE CREEK LAKE	04S	10E	14CCBD	PINE CR. TRIBUTARY	12.6
3	UXV	09 9310	031	RAT LAKE	05S	04E	12AB	SQUAW CR.	3.8
3	UXW	22 9009	067	ROCK LAKE	03N	11E	11CACC	ROCK CR.-SHIELDS R.	19.3
3	UXX	22 9268	067	SMELLER LAKE	03N	11E	13DBCC	SMELLER CR.-ROCK CR.-SHIE	8.1
3	UXY	22 9422	067	THOMPSON LAKE	08S	09E	014	THOMPSON CR-W FK MILL CR.	5.0
4	UTJ	14 8280	099	ODDEN POND #1	24N	01E	21	UN TRIB TO TETON RIVER	1.9
4	UTK	14 8320	099	ODDEN POND #2	24N	01E	28	UN TRIB TO TETON RIVER	1.3
5	UDS	22 9506	097	TROUT LAKE	06S	12E	04DA	NONE TO BOULDER R	1.3
6	UTE	15 4555	041	BURFIELD RES	33N	11E	32D	UN TRIB TO SAGE CR	.5
6	UTF	15 4730	041	CASADY POND NORTH	34N	17E	16	UN TRIB TO MCLAREN COULEE	1.8
6	UTH	15 5520	041	HALL CAM WILLIAM	37N	09E	12D	UN TRIB TO MILK RIVER	.9
6	UTG	15 5560	041	HANSON RES SWEDE	35N	17E	06	UN TRIB TO LODGE CR	4.8
6	UTI	15 6040	041	LENHART POND RAYMOND	36N	17E	20	UN TRIB TO LODGE CR	2.6
7	URO	21 2660	017	BALSAM RES.-C.	04N	53E	31BD	UN TRIB TO ASH CR	1.1
7	URP	21 1821	017	BEARDSLEY POND-PAT	09N	52E	20BD	UN TRIB TO COAL CR	.3
7	URQ	16 4430	033	BEECHER RESERVOIR #3	21N	34E	12ADA	SNOW CREEK DRAINAGE	2.2
7	URR	16 5210	033	BINION BASS POND	19N	39E	32DBB	JONES CR	6.6
7	URS	16 5210	033	BLM POND SECTION 21	20N	33E	21CA	INDIAN CR	0.7
7	URT	16 4470	033	BLM POND SECTION 22	21N	40E	22C	UN TRIB TO WOODY CR	0.2
7	URU	21 2660	017	BROWN POND-CECIL	07N	53E	13B	LOCATE CREEK	1.1
7	URV	16 4557	033	BURGESS RES.-ROY	20N	41E	13A	UN TRIB TO ARNOLD COULEE	8.2
7	URW	21 2360	021	CAMP REG.	13N	56E	09CC	UN TRIB TO CEDAR CREEK	.7
7	URX	16 5210	033	CHILDERS RES. #21	20N	31E	13AC	UN TRIB TO HAY COULEE	0.8
7	URY	16 4660	033	CHILDERS TROUT RESERVOIR	20N	33E	20C	INDIAN CREEK	3.2
7	UR1	16 5210	033	COLDWELL RES. #2	21N	40E	10D	UN TRIB TO FLAT CR	4.8
7	URZ	16 4750	033	COLWELL RES. #1	21N	40E	22CAD	UN TRIB TO WOODY CR	1.6
7	UR2	16 5210	033	COULTER RESERVOIR	21N	34E	13CAB	SNOW CREEK	2.4
7	UR3	16 5063	033	ENGDAHL RES.-C.C.	20N	36E	01BBDD	UN TRIB TO HELL CR	1.1
7	UR4	16 5069	033	ENGDAHL RES.-PEARL	20N	37E	06D	UN TRIB TO COTTONWOOD CR	2.8
7	UR5	21 2660	017	FT. KEOGH BASS POND	08N	46E	34B	UN TRIB TO COTTON CR	1.1
7	UR6	16 5608	033	HARBAUGH POND #2-CARL	18N	39E	28DB	UN TRIB TO SAND CR	0.3
7	UR8	21 3569	017	HAUGHIAN #3-DAN	11N	48E	15A	UN TRIB TO	.7
7	UR7	21 3572	017	HAUGHIAN PIKE POND #2	12N	47E	08A	FINLEY CR	4.8
7	UR9	21 3834	017	HOLMES RES.-HOMER	04N	51E	20CC	WEST FORTY CREEK	.7
7	USA	16 5210	033	ISAACS POND #1-BOYD	18N	40E	17ACA	BIG DRY CR	0.4
7	USB	16 5210	033	ISAACS POND-HAROLD	23N	41E	17	UN TRIB TO S FK BOX CR	1.8
7	USC	21 4610	087	KERNS RES #1	10N	37E	11AC	UN TRIB TO E BLACKTAIL CR	38.6
7	USD	21 7910	087	KERNS RES. #2	10N	37E	03AC	BROWN COULEE	26.0
7	USE	21 4625	087	KILLEN RES. #1-WILLIAM	11N	41E	11AC	UN TRIB TO UPPER COAL CR	1.1
7	USF	21 7910	087	KUKUCHKA #2-PETTICORD	09N	32E	29AC	UN TRIB TO INJUN CR	1.8
7	USG	21 4850	087	LEE POND #1-A.G.	08N	40E	36	UN TRIB TO HAY CR	1.1
7	USH	21 4900	087	LEE POND #2-A. G.	08N	40E	26	UN TRIB TO THOMPSON CR	4.8
7	USI	16 5210	033	LOWER EAST FLAT RES. #22	21N	41E	22DDDD	UN TRIB TO FLAT CR	0.9
7	USJ	21 5320	017	MATHISON POND-DELBERT	09N	47E	24C	HOUSE CR	2.6
7	USK	16 5210	033	MCRAE RES.-CHARLES	19N	41E	04CCC	SPRING COULEE	1.3
7	USL	16 5210	033	MID-FLAT CREEK RES.	21N	40E	04DA	UN TRIB TO FLAT CR	2.6
7	USM	16 5210	033	MID-WOODY CREEK RES.	21N	40E	26DA	UN TRIB TO WOODY CR	1.8

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
7	USN	21 2660	017	MORRE'S STUMP RES.	10N	46E	29C	UN TRIB TO DEADMAN CR	1.1
7	USP	16 5210	033	O'CONNOR POND #2-L.P.	16N	31E	11D	HENRYSON COULEE	0.7
7	USQ	16 7345	033	O'CONNOR POND#1-L.P.	16N	31E	25ABC	SCRIPT COULEE	0.4
7	USQ	16 7358	033	OLSON POND #2-NORMAN	19N	39E	07CA	UN TRIB TO FRAZIER CR	1.1
7	USR	16 5210	033	PASS CREEK RESERVOIR	21N	40E	05D	UN TRIB TO N FK PASS CR	1.7
7	USS	21 2660	017	PENROD POND-JACK	04N	49E	01AC	PUMPKIN CREEK	.7
7	UST	21 7151	087	PHILBRICK POND #2-NEWELL	04N	44E	22CD	BEAVER CR	1.1
7	USU	21 7321	021	PRAIRIE GOAT RES.	13N	56E	09CCD	UN TRIB TO CEDAR CR	1.9
7	USV	21 2660	017	PRELLER POND-CLARENCE	08N	49E	36A	ASH CREEK	1.4
7	USW	21 7870	087	RINGSTVEIDT LAKE #1-PETE	12N	40E	05AC	E FK LITTLE PORCUPINE CR	2.2
7	USX	21 7880	017	RODGERS POND-HOUSTON	05N	49E	19BC	HORSE CREEK	.7
7	USY	21 7930	033	ROSS POND-MRS. H. B.	18N	41E	34C	SPRING CR	1.1
7	USZ	16 5210	033	RUBY 1-C-117 RES.	22N	41E	25A	UN TRIB TO ASH CR	0.9
7	US1	16 5210	033	RYAN RES. #2-JOHN	19N	33E	33CB	UN TRIB TO DRY FK SQUAW	0.8
7	US2	16 5210	033	SAYLORS PIKE POND	19N	32E	12CD	WOLF CREEK	0.1
7	US3	16 8246	033	SEVERSON BASS POND-GEORGE	14N	34E	02D	BIG DRY CREEK	2.2
7	US4	16 8247	033	SEVERSON POND-GEORGE	15N	35E	31BC	UN TRIB TO BIG DRY CR	0.9
7	US5	21 2660	017	SHAMEL POND #2-(BONINE)	09N	49E	10C	HAY CREEK	1.1
7	US6	16 8470	033	SWANSON RES.-FELLMAN	19N	40E	14AAA	UN TRIB TO FIRST CR	5.2
7	US7	16 5210	033	THOMAS POND-CARL	17N	31E	28AB	STOCKER COULEE	0.8
7	US8	16 8650	033	TWITCHELL RESERVOIR	21N	42E	18D	UN TRIB TO SNAP CR	3.7
7	US9	16 8748	033	WEEDING POND-DON	17N	36E	15DC	UN TRIB TO BIG DRY CR	4.2
7	UTC	21 7910	087	WESTERN CATTLE #8 (HOOK)	10N	43E	12B	UN TRIB TO	.4
7	UTA	21 2660	017	WESTERN CATTLE POND #1	07N	44E	06D	BULL CREEK	.7
7	UTB	21 7910	087	WESTERN CATTLE POND #2	07N	43E	15DCC	UN TRIB TO SAND CR	3.3
7	UTD	21 9800	087	ZEMPLE POND-FRED	09N	38E	24A	UN TRIB TO LONGFORK CR	1.8

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS

ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
7	USN	21 2660	017	MORRE'S STUMP RES.	10N	46E	29C	UN TRIB TO DEADMAN CR	1.1
7	USP	16 5210	033	O'CONNOR POND #2-L.P.	16N	31E	11D	HENRYSON COULEE	0.7
7	USO	16 7345	033	O'CONNOR POND#1-L.P.	16N	31E	25ABC	SCRIPT COULEE	0.4
7	USQ	16 7358	033	OLSON POND #2-NORMAN	19N	39E	07CA	UN TRIB TO FRAZIER CR	1.1
7	USR	16 5210	033	PASS CREEK RESERVOIR	21N	40E	05D	UN TRIB TO N FK PASS CR	1.7
7	USS	21 2660	017	PENROD POND-JACK	04N	49E	01AC	PUMPKIN CREEK	.7
7	UST	21 7151	087	PHILBRICK POND #2-NEWELL	04N	44E	22CD	BEAVER CR	1.1
7	USU	21 7321	021	PRAIRIE GOAT RES.	13N	56E	09CCD	UN TRIB TO CEDAR CR	1.9
7	USV	21 2660	017	PRELLER POND-CLARENCE	08N	49E	36A	ASH CREEK	1.4
7	USW	21 7870	087	RINGSTVEIDT LAKE #1-PETE	12N	40E	05AC	E FK LITTLE PORCUPINE CR	2.2
7	USX	21 7880	017	RODGERS POND-HOUSTON	05N	49E	19BC	HORSE CREEK	.7
7	USY	21 7930	033	ROSS POND-MRS. H. B.	18N	41E	34C	SPRING CR	1.1
7	USZ	16 5210	033	RUBY 1-C-117 RES.	22N	41E	25A	UN TRIB TO ASH CR	0.9
7	US1	16 5210	033	RYAN RES. #2-JOHN	19N	33E	33CB	UN TRIB TO DRY FK SQUAW	0.8
7	US2	16 5210	033	SAYLORS PIKE POND	19N	32E	12CD	WOLF CREEK	0.1
7	US3	16 8246	033	SEVERSON BASS POND-GEORGE	14N	34E	02D	BIG DRY CREEK	2.2
7	US4	16 8247	033	SEVERSON POND-GEORGE	15N	35E	31BC	UN TRIB TO BIG DRY CR	0.9
7	US5	21 2660	017	SHAMEL POND #2-(BONINE)	09N	49E	10C	HAY CREEK	1.1
7	US6	16 8470	033	SWANSON RES.-FELLMAN	19N	40E	14AAA	UN TRIB TO FIRST CR	5.2
7	US7	16 5210	033	THOMAS POND-CARL	17N	31E	28AB	STOCKER COULEE	0.8
7	US8	16 8650	033	TWITCHELL RESERVOIR	21N	42E	18D	UN TRIB TO SNAP CR	3.7
7	US9	16 8748	033	WEEDING POND-DON	17N	36E	15DC	UN TRIB TO BIG DRY CR	4.2
7	UTC	21 7910	087	WESTERN CATTLE #8 (HOOK)	10N	43E	12B	UN TRIB TO	.4
7	UTA	21 2660	017	WESTERN CATTLE POND #1	07N	44E	06D	BULL CREEK	.7
7	UTB	21 7910	087	WESTERN CATTLE POND #2	07N	43E	15DCC	UN TRIB TO SAND CR	3.3
7	UTD	21 9800	087	ZEMPLE POND-FRED	09N	38E	24A	UN TRIB TO LONGFORK CR	1.8

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
1	UVS	07 5222	047	ASHLEY LAKE	19N	19W	25	ASHLEY CREEK	18.6
1	UVT	11 7855	053	BAREE LAKE	26N	31W	36	BAREE CR	3.5
1	UVU	07 5260	063	BEANHOLE LAKE	18N	17W	06	HERRICK RUN	3.7
1	UVV	07 5295	063	BEAVER LAKE	18N	16W	05B	BEAVER CREEK	10.8
1	UVW	11 7960	053	BLUEBIRD LAKE	37N	26W	12	BLUEBIRD CREEK	1.2
1	UVX	07 5460	047	BOND LAKE	25N	17W	10	BOND CR	2.6
1	UVY	11 8000	053	BOULDER LAKE # 1	36N	30W	35	BOULDER CR	2.8
1	UVZ	11 8020	053	BOULDER LAKE #2	35N	30W	02	BOULDER CR	2.8
1	UV1	07 5660	047	CAT LAKE	22N	16W	32	CAT CREEK	5.2
1	UV2	07 5680	047	CEDAR LAKE	22N	18W	17	N FORK CEDAR CR.	18.9
1	UV3	07 5800	063	COLD LAKES	21N	18W	22	N FORK COLD CR	28.6
1	UV4	07 5880	063	CRESCENT LAKE	19N	18W	24	CRESCENT CR	10.0
1	UTT	08 8440	077	CRIMSON LAKE	18N	14W	23	CRIMSON CREEK	7.1
1	UV5	07 5940	063	CRYSTAL LAKE	18N	17W	08CAB	SWAN RIVER	70.6
1	UV6	07 5960	047	DISAPPOINTMENT LAKE	19N	18W	22	UN TRIB TO	7.4
1	UV7	08 8520	063	DOCTOR LAKE	19N	15W	14	DOCTOR CREEK	22.3
1	UV8	07 6200	063	ELK LAKE	20N	18W	28	S FORK ELK CR	48.7
1	UV9	07 6300	047	FATTY LAKE	22N	18W	05	FATTY CREEK	9.7
1	UWA	07 6380	047	FIRST LAKE	19N	18W	16	POST CREEK	21.2
1	UWB	11 8325	053	FLOWER LAKE	30N	32W	13	FLOWER CREEK	0.4
1	UWC	08 8620	063	GEORGE LAKE	19N	15W	26	GEORGE CREEK	49.8
1	UWD	07 6500	063	GLACIER LAKE	19N	17W	30CCB	GLACIER CR	41.9
1	UWE	11 8400	053	GRANITE LAKE	29N	32W	00	GRANITE CR	21.9
1	UWF	07 6580	063	GREY WOLF LAKE	18N	17W	30	SWAN RIVER	132.6
1	UWG	07 6600	047	HALL LAKE	26N	17W	31	HALL CREEK	132.6
1	UWH	07 6660	063	HEART LAKE	19N	18W	25	CRESCENT CREEK	9.2
1	UWI	07 6680	063	HEMLOCK LAKE	19N	18W	01	HEMLOCK CREEK	13.4
1	UWJ	07 6740	063	HIGH PARK LAKE	18N	18W	13	SWAN RIVER	49.0
1	UWK	07 6860	047	ICE FLOE LAKE	19N	18W	28	UN TRIB TO	4.8
1	UWL	07 6880	063	ISLAND LAKE	19N	18W	26ACCA	CRESCENT CREEK	8.9
1	UWM	08 3000	063	KOESSLER LAKE	19N	15W	10	DOCTOR CREEK	33.8
1	UWN	07 7140	047	LAKE OF THE CLOUDS	19N	18W	33	UN TRIB TO	13.8
1	UWO	07 7160	047	LAKE OF THE STARS	18N	18W	09	UN TRIB TO	7.4
1	UWP	11 8740	053	LEIGH LAKE	28N	32W	01	LEIGH CR	49.4
1	UWQ	11 8845	053	LITTLE BEAR LAKE	26N	30W	31	TRAIL CREEK	0.9
1	UWR	07 7390	063	LOOKOUT LAKE	16N	18W	12C	S FK JOCKO RIVER	1.1
1	UWS	07 7620	047	LUCIFER LAKE	18N	18W	05	MISSION CREEK	18.6
1	UWT	07 7780	063	MEADOW LAKE	18N	17W	04	HERRICK RUN	7.8
1	UWU	11 9173	053	MIDDLE FISH LAKE	36N	31W	14	WINDY CREEK	1.4
1	UWV	11 9220	053	MINOR LAKE	30N	32W	00	SOUTHFORK PARMENTER CREEK	7.4
1	UWW	11 9250	053	MT HENRY LAKE	36N	30W	17	BASIN CREEK	3.3
1	UWX	11 9297	053	NORTH FISH LAKE	36N	31W	11	WINDY CREEK	2.9
1	UU2	08 9400	077	OTIS CR LAKE	18N	14W	09	OTIS CREEK	3.7
1	UWY	07 8155	047	PABLO LAKE	21N	19W	12	COURVILLE CR	9.7
1	UWZ	08 9440	063	PENDANT LAKE	20N	15W	20	PENDANT CR	4.1
1	UW1	07 8260	047	PICTURE LAKE	18N	18W	04	MIDDLE FORK	7.1
1	UW2	07 7580	047	PIPER LAKE	22N	18W	29	PIPER CREEK	31.2
1	UW3	07 8300	047	PONY LAKE	22N	16W	28	PONY CREEK	7.4
1	UUS	08 9500	077	PRISONER LAKE	21N	12W	32	S FK WHITE RIVER	2.2

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION - 466 LAKES WITH FISH, WILDLIFE, & PARKS DATA ONLY

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
1	UJP	07 5180	029	ABBOT LAKE	27N	19W	07	FLATHEAD R DRAINAGE	14.2
1	UJQ	11 7840	053	ALVORD LAKE	32N	34W	36	KOOTENAI RIVER	22.8
1	UJR	07 8220	029	ASHLEY LAKE	28N	24W	12B	ASHLEY CREEK	1312.9
1	UJS	08 8040	029	BAILEY LAKE	31N	20W	02	N FK FLATHEAD R	6.7
1	UJT	07 5300	029	BEAVER LAKE	31N	22W	20DADA	FLATHEAD R DRAINAGE	56.7
1	UJU	07 5400	029	BLANCHARD LAKE	30N	22W	02C	FLATHEAD R DRAINAGE	59.5
1	UJV	07 5410	029	BLAST LAKE	30N	22W	13AC	STILLWATER RIVER	1.4
1	UJW	07 5480	029	BOOT JACK LAKE	31N	23W	26	STILLWATER R	26.3
1	UJX	11 7980		BOOT JACK LAKE	27N	28W	24	STILLWATER R	4.7
1	UJY	11 7990	053	BORDER LAKE (BURKE)	37N	33W	07	HAWKINS CR	4.8
1	UJZ	07 5500	029	BOYLE LAKE	31N	22W	07	STILLWATER R DRAINAGE	16.7
1	UJ1	11 8030	029	BRIMSTONE LAKE	33N	25W	05	BRIMSTONE CR	0.7
1	UJ3	11 8040	053	BULL LAKE	29N	33W	29	LAKE CREEK	505.5
1	UJ2	07 5540	053	BULL LAKE	34N	24W	32BA	STILLWATER R	42.9
1	UJ6	07 5600	029	CABIN LAKE	28N	20W	25	SWAN RIVER	6.8
1	UJ5	05 8512	089	CABINET GORGE RES.	27N	34W	19	CLARK FORK RIVER	1537.9
1	UJ8	07 5620	029	CANYON LAKE	26N	24W	20	LITTLE BITTERROOT RIVER	8.9
1	UJ9	08 8311	029	CHAIN LAKE # 1	35N	23W	20	RED MEADOW CREEK	1.1
1	UKA	08 8312	029	CHAIN LAKE # 2	35N	23W	21	RED MEADOW CR	1.2
1	UKB	08 8313	029	CHAIN LAKE # 3	35N	23W	21	RED MEADOW CR	8.5
1	UKC	08 8314	029	CHAIN LAKE # 4	35N	23W	22	RED MEADOW CR	3.7
1	UKD	07 5700	029	CHINOOK LAKE	31N	23W	21	STILLWATER R DRAINAGE	.
1	UKE	07 5710	029	CHURCH SLOUGH	28N	20W	31	FLATHEAD RIVER	81.7
1	UKG	07 5440	029	CLIFF LAKE	30N	22W	30A	STILLWATER RIVER	3.6
1	UKH	07 5860	029	CREE LAKE	28N	20W	14	FLATHEAD R DRAINAGE	1.1
1	UKJ	08 8480	029	CYCLONE LAKE	34N	21W	15	CYCLONE CR	58.7
1	UKK	11 8220	053	DICKEY LAKE	34N	25W	14BDB	DICKEY CR	234.3
1	UKL	07 5980	029	DOG LAKE	33N	23W	31ADC	DOG CR	39.9
1	UKM	07 5000	029	DOLLAR LAKE	31N	22W	16CCB	WHITEFISH RIVER DR	3.3
1	UKN	07 5180	029	ECHO LAKE	27N	19W	05D	FLATHEAD R DRAINAGE	221.0
1	UKO	07 5190	029	EGAN SLOUGH	28N	20W	19	FLATHEAD RIVER	107.7
1	UKP	08 8539	029	ELELEHUM LAKE	33N	21W	10	ELELEHUM CR.	.
1	UKQ	07 5260	029	EMMERT SLOUGH(FENNON)	27N	20W	15	FLATHEAD RIVER	80.9
1	UKR	05 8800	089	FISHTRAP LAKE	24N	28W	04C	RADIO CR	15.6
1	UKS	07 5420	029	FOY LAKE	28N	22W	26A	ASHLEY CREEK	109.3
1	UKT	07 5435	063	FRAN LAKE	21N	17W	21	SWAN RIVER	3.6
1	UKV	08 8580	029	FROZEN LAKE	37N	24W	02	CAULDRY CREEK IN CANADA	14.0
1	UKW	07 5480	029	GILBERTSON LAKE	28N	20W	14	FLATHEAD R DRAINAGE	2.0
1	UKX	11 8380	053	GLEN LAKE	36N	26W	22CCBA	GLEN CREEK	137.6
1	UKZ	11 8420	053	GREEN LAKE	36N	27W	20	KOOTENAI RIVER	6.6
1	UKY	07 5560	029	GREEN LAKE-BLUE LAKE	33N	25W	01	STILLWATER R	4.8
1	UK2	08 8700	029	HALF MOON LAKE	31N	19W	03	FLATHEAD R DRAINAGE	32.0
1	UK3	08 8740	029	HANDKERCHIEF LAKE	27N	18W	01	GRAVES CR	13.0
1	UK7	08 8780	029	HAY CREEK LAKE	34N	23W	11	HAY CR	1.0
1	UK8	07 5760		HOLE IN THE WALL LAKE	33N	24W	22	STILLWATER R DRAINAGE	10.0
1	ULA	07 5800	047	HORSESHOE LAKE	26N	19W	15ABDD	SWAN RIVER	20.4
1	ULE	07 5840	029	HUBART RES.	25N	24W	07D	LITTLE BITTERROOT RIVER	195.5
1	ULF	08 8860	029	HUNGRY HORSE RES.	29N	18W	00	S FK FLATHEAD RIVER	8903.0
1	ULG	11 8580	053	ISLAND LAKE	29N	26W	30BC	PLEASANT VALLEY CR	83.2

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
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REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
1	ULH	07 6900	029	JESSUP MILL POND	28N	20W	11	MILL CR	8.5
1	ULI	07 6960	063	JIM LAKE # 2	21N	17W	05	JIM CR	11.7
1	ULJ	07 7005	053	JUMBO LAKE	34N	25W	35	STILLWATER R	1.4
1	ULK	07 7020	047	KICKING HORSE RES.	20N	19W	30CBC	CANALS AND FLATHEAD DR	323.8
1	ULM	07 7100	029	LAGONI LAKE	29N	20W	25	UN TRIB TO	8.2
1	ULN	07 5380	029	LAKE BLAINE	29N	20W	26DBD	FLATHEAD R DRAINAGE	150.6
1	ULO	08 8550	029	LAKE FIVE	31N	19W	10CBBA	MUD CR	63.1
1	ULP	11 8690	053	LAKE KOOCANUSA	34N	29W		KOOTENI RIVER	11331.6
1	ULR	07 7500	029	LAKE MONROE	27N	23W	04	ASHLEY CREEK	19.4
1	ULS	07 7180	029	LAKE OF THE WOODS	28N	19W	31	FLATHEAD R DRAINAGE	.
1	UM7	07 8400	029	LAKE ROGERS	27N	23W	31DDBC	SICKLER CR	95.9
1	ULT	08 8559	029	LAKE WEST	31N	19W	16	M FK FLATHEAD R DRAINAGE	6.7
1	ULU	07 7240	029	LAURI LAKE	30N	22W	32	STILLWATER R DRAINAGE	11.3
1	ULV	11 8720	053	LAVON LAKE	28N	27W	24	KOOTENAI R DRAINAGE	6.3
1	ULZ	08 9140	029	LION LAKE	30N	19W	16ABB	WHELP CR	14.1
1	UL1	07 7280	029	LITTLE BEAVER LAKE	31N	22W	17DDC	BEAVER CREEK	9.3
1	UL2	07 7300	029	LITTLE BITTERROOT LAKE	27N	24W	10	LITTLE BITTERROOT CR	1183.7
1	UL3	11 8880	053	LITTLE LOON LAKE	27N	28W	14	FISHER RIVER	4.7
1	UL4	05 9096	029	LITTLE MCGREGOR LAKE	26N	25W	04	CLARK FORK DR	13.4
1	UL6	07 7360	029	LONE LAKE	27N	23W	05	ASHLEY CREEK	53.4
1	UL7	07 6040	089	LONEPINE RES.(DRY FK RES)	23N	24W	33DD	LITTLE BITTERROOT RIVER	10.4
1	UMB	11 8940	053	LOON LAKE	27N	28W	22ACD	KOOTENAI DR	96.3
1	UL9	07 7420	047	LOON LAKE	26N	19W	10DDC	SWAN RIVER	17.8
1	UME	07 7495	029	LOUIS LAKE	33N	25W	15	LOUIS CREEK	6.3
1	UMF	07 7600	029	LOWER STILLWATER LAKE	32N	23W	20BDC	STILLWATER R	100.4
1	UMG	05 9152	053	LOWER THOMPSON LAKE	26N	27W	11DDDA	THOMPSON RIVER	97.1
1	UMH	11 9100		LYNCH LAKE	28N	26W	00	PLEASANT VALLEY C7	16.0
1	UMJ	07 7720	029	MCCAFFERY LAKE	27N	19W	18	SWAN RIVER	6.1
1	UML	07 7760	029	MCGILVRAY LAKE	28N	20W	36DCB	SWAN RIVER	14.1
1	UMM	05 9216	029	MCGREGOR LAKE	26N	25W	05DD	MCGREGOR CR	537.4
1	UMN	07 7765	029	MCWENNEGER SLOUGH	28N	20W	06	FLATHEAD RIVER	14.0
1	UMO	07 7840	029	MID FOY LAKE	28N	22W	23	ASHLEY CREEK	15.8
1	UMP	05 9232	053	MIDDLE THOMPSON LAKE	26N	27W	04DDD	THOMPSON R DRAINAGE	243.6
1	UMR	07 7880	047	MISSION RES.	18N	19W	15BCC	MISSION CR	116.9
1	UMT	11 9280	053	MURPHY LAKE	34N	25W	05	MURPHY CREEK	56.3
1	UMU	07 8080	029	MURRAY LAKE	31N	22W	18	WHITEFISH RIVER	16.8
1	UMW	07 8100	047	NINEPIPE RES.	19N	20W	02BBBBB	FLATHEAD RIVER	749.5
1	UMX	05 9328	089	NOXON RAPIDS RES.	26N	33W	00	CLARK FORK RIVER	3561.4
1	UMY	11 9320	053	OTHORPE LAKE	36N	27W	28	KOOTENAI RIVER	60.3
1	UMZ	07 8160	047	PABLO RES.	22N	20W	27DA	FLATHEAD RIVER	825.5
1	UM2	07 8245	029	PETERSON LAKE	27N	19W	00	SWAN RIVER	.
1	UM4	07 8283	029	PLUMMER LAKE	28N	20W	14	FLATHEAD R DRAINAGE	5.9
1	UM5	05 9408	089	RAINBOW LAKE(D06)	20N	25W	03	CLARK FORK DRAINAGE	84.2
1	UM6	08 9540	029	RED MEADOW LAKE	34N	23W	34	RED MEADOW CR	6.8
1	UM8	07 8465	063	RUSS LAKE	21N	17W	21	SWAN RIVER	4.1
1	UM9	07 8480	047	SAINT MARY LAKE	17N	18W	05CBAA	DRY CREEK	110.9
1	UNF	11 9560	063	SKINNER LAKE	32N	33W	06	N FK O'BRIEN CR	9.0
1	UNG	08 9680	029	SKYLES LAKE	31N	22W	33	STILLWATER R DRAINAGE	15.8
1	UNH	07 8700	029	SMITH LAKE	27N	22W	09BDB	ASHLEY CR	179.3

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
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REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
1	UNI	07 8740	029	SMITH LAKE REARING POND	32N	22W	32	SMITH ON	5.9
1	UNJ	11 9620	053	SOPHIE LAKE	37N	27W	16DCDA	KOOTENAI R DRAINAGE	86.6
1	UNK	11 9640	053	SPAR LAKE	29N	34W	22BCBA	KOOTENAI DR	158.6
1	UNL	07 8800	029	SPENCER LAKE	30N	22W	04	STILLWATER R	13.0
1	UNM	07 8820	029	SPILL LAKE	27N	19W	07	FLATHEAD R DRAINAGE	3.9
1	UNN	07 8940	053	STRYKER LAKE (FISH)	34N	24W	29DCCA	STILLWATER R	13.0
1	UNO	07 8979	029	SUNDAY LAKE - LOWER	33N	24W	07ABD	SUNDAY CR	2.6
1	UNP	07 8980	029	SUNDAY LAKE - UPPER	33N	24W	07ACB	SUNDAY CR	3.4
1	UK4	07 6620	029	SUNRISE LAKE	30N	23W	24	BEAVER CREEK	2.2
1	UNQ	07 9000	047	SWAN LAKE	25N	18W	05AA	SWAN RIVER	1084.6
1	UNR	07 9020	029	SWIMMING LAKE	28N	20W	14	SWAN RIVER	3.2
1	UNT	07 9040	029	SYLVIA LAKE	30N	25W	20	SHEPPARD CREEK	8.9
1	UNU	07 9060	029	TALLY LAKE	30N	23W	05AB	LOGAN CR	536.6
1	UNV	08 9820	029	TEEPEE LAKE	36N	22W	03	TEPEE CR	4
1	UNX	07 9100	029	THORNBURG LAKE	31N	22W	09	WHITEFISH RIVER	2.5
1	UN1	11 9830	053	TOPLESS LAKE	27N	28W	24	KOOTENAI DR	3.7
1	UN2	05 9685	089	TRIANGLE POND	26N	33W	15		3.4
1	UN3	05 9930	029	TROUT LAKE	28N	17W	21DBC	TROUT CR	.7
1	UN6	07 9440	029	UPPER STILLWATER LAKE	33N	24W	36ACA	STILLWATER RIVER	254.9
1	UN7	05 9760	053	UPPER THOMPSON LAKE	27N	27W	32BCBD	MIDDLE THOMPSON LAKE	93.9
1	UN8	07 9460	029	UPPER WHITEFISH LAKE	34N	23W	21	EAST FK SWIFT CR	34.4
1	UOB	07 9500	029	WALL LAKE (FINGER)	33N	24W	22	STILLWATER RIVER	6.7
1	UOC	07 9540	029	WHITEFISH LAKE	31N	22W	23	WHITEFISH RIVER	1355.7
1	UOD	07 9575	029	WOODLAND PARK POND	28N	21W	08	STILLWATER RIVER	3.2
1	UOE	07 9580	029	WOODS LAKE	31N	22W	17A	STILLWATER RIVER	7.9
2	UOL	04 6987	077	MONTURE CREEK LAKE 3	18N	12W	18A	UPPER TRIB TO MONTURE CR	3.8
2	UQY	03 7200	081	BAILEY LAKE	04N	23W	06	UN TRIB TO LOST HORSE	4.9
2	UQ2	03 7225	081	BAKER LAKE	02N	21W	09	BAKER CR W FK BITTERROOT	3.5
2	UPF	03 7250	081	BASS LAKE	10N	22W	25	BASS CREEK	40.5
2	UOV	04 7290	049	BIGHORN LAKE	17N	08W	34	BIG HORN CREEK	5.8
2	UO7	03 7400	081	BOULDER LAKE	01N	23W	01	BOULDER CREEK	8.1
2	UOR	04 6210	077	BROWNS LAKE	14N	11W	20AD	BULL CR., N.FK. BLACKFOOT	202.4
2	UPC	03 7475	081	BURNT FORK LAKE	06N	18W	03	BURNT FORK CR	11.3
2	UQ3	04 6240	049	CAMP LAKE	17N	11W	32	UN TRIB TO E FK LAKE	7.8
2	UQ2	04 6270	049	CANYON LAKE	17N	11W	28	CANYON CR TRIB TO DRY FK	.
2	UOY	04 6363	049	COPPER LAKE UPPER	15N	09W	09	UN TRIB TO COPPER CR	4.5
2	UO3	03 7725	081	CRYSTAL LAKE	01N	22W	06	UN TRIB TO BOULDER L	3.4
2	UO4	03 7775	081	DOLLAR LAKE	01N	22W	06	UN TRIB TO LAKE TURB	2.0
2	UPH	03 7800	081	DUFFY LAKE	10N	21W	08	N FK SWEENEY CR	7.1
2	UO5	03 7825	081	ELK LAKE	04N	23W	34DCB	ROCK CREEK LAKE COMO	85.0
2	UPB	03 7850	081	FISH LAKE	03N	17W	17	BUSH CREEK - EAST FORK BI	2.2
2	UON	03 7875	081	FISH LAKE	04N	23W	16	SO FK LOST HORSE /LOST HO	15.0
2	UQU	03 9650	081	FOOL HEN (WILLOW)	06N	18W	17	WILLOW CREEK	2.1
2	UQT	03 7975	081	GLEASON LAKE	06N	18W	07	WILLOW CR	5.3
2	UOG	03 8865	081	HACKNEY LAKE	04N	22W	22	UN TRIB S FK LOST HORSE	4.1
2	UQ7	04 6690	049	HEART LAKE	16N	08W	17	UN TRIB TO LANDERS FK	13.4
2	UPL	03 8125	081	HIGH LAKE	06N	22W	28	UN TRIB TO BLODGET	16.0
2	UPG	03 8150	081	HOLLOWAY LAKE	10N	21W	08	UN TRIB TO SWEENEY CR	20.2
2	UPQ	05 9245	061	ILLINOIS PEAK LAKE	15N	27W	30C	ILLINOIS GULCH	0.5

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
2	UO9	03 7675	081	LAKE COMO	04N	21W	31CDA	ROCK CREEK	304.8
2	UQV	03 8400	081	LEGEND LAKE	03N	17W	07	MOOSE CR	2.8
2	UQ9	04 6855	049	LOWER COPPER LAKE	15N	09W	09	COPPER CR	5.1
2	UP1	05 9245	061	LOWER GOLD PEAK LAKE	18N	30W	25B		1.0
2	UQW	04 6900	049	LOWER TWIN LAKE	16N	09W	06	UN TRIB TO E FK BLK	6.3
2	UPE	03 8600	081	MCCALLA CREEK LAKE	09N	21W	28	UN TRIB TO CARLTON CR	1.2
2	UQJ	03 8615	081	MCCLAIN LAKE	11N	21W	26	UN TRIB TO CARLTON CR	.8
2	UQ4	04 6960	049	MEADOW CREEK LAKE	16N	09W	18	MEADOW CREEK	5.1
2	UPK	03 8668	081	MILLS LAKE	10N	21W	08	SWEENEYCR TRIB	6.1
2	UQM	04 6986	077	MONTURE CREEK LAKE 2	18N	12W	18C	UPPER TRIB TO MONTURE CR	3.2
2	UOZ	04 6985	077	MONTURE CREEK LAKE 1	18N	12W	17	UPPER TRIB TO MONTURE CR	2.8
2	UQ8	04 6990	063	MORRELL LAKE	18N	15W	23	N FK COTTONWOOD CR	10.3
2	UPA	03 8673		MUD LAKE	05N	23W	29	LOST HORSE CREEK	1.2
2	UQ6	03 8675	081	NELSON LAKE	01N	22W	17	NELSON CREEK	.
2	UCO	03 8865	081	NORTH ONE HORSE LAKE	11N	21W	34	NO FK ONEHORSE CEEK	5.2
2	UOK	04 7150		OTATSY LAKE	16N	11W	06	UN TRIB TO E FK LAKE	9.8
2	UQ1	03 8750	081	PAINTED ROCKS RESERVOIR	01S	21W	08	WEST FORK BITTERROOT RIVE	325.0
2	UQ6	04 7080	049	PARKER LAKE	16N	09W	09	E FK BLK FT RIVER	8.9
2	UPJ	03 8800	081	PEARL LAKE	08N	22W	08	UN TRIB TO S FK CR	5.6
2	UQS	03 8825	081	PETERSON LAKE	10N	21W	10	SWEENEY CREEK	12.1
2	UOI	03 8870	081	REED LAKE	11N	21W	33	UN TRIB TO N FK ONE	2.0
2	UQX	03 8950	031	SHADOW LAKE	03N	17W	05	MOOSE CREEK	2.3
2	UOX	04 7320	049	SILVER KING LAKE	15N	07W	06	UN TRIB TO LANDERS F	6.7
2	UQR	03 9150	081	SOUTH FORK LAKE	08N	22W	17	S FK BIG CREEK	10.1
2	UOH	03 9240	081	SOUTH ONE HORSE LAKE	11N	21W	33	SO FK ONEHORSE CREEK	12.5
2	UQW	03 9250	081	SPUD LAKE	03N	17W	17	MOOSE CREEK	3.4
2	UP7	05 9605	061	STRAIGHT PEAK LAKE	13N	26W	20DB	STRAIGHT CREEK -N FK FISH	3.0
2	UQZ	03 9325	081	TAG ALDER LAKE	06N	22W	07	MILL CREEK	3.5
2	UQQ	03 9350	081	TENMILE LAKE	05N	23W	23	TENMILE CREEK	4.6
2	UQ8	03 9400	081	TIN CUP LAKE	02N	23W	01	TIN CUP CREEK BITTERROOT	51.4
2	UP8	05 9245	061	TORINO LAKE	16N	28W	18B	TORINO CREEK	1.0
2	UO1	03 9425	081	TURBID LAKE	01N	22W	06	UN TRIB TO BOULDER L	.
2	UQP	03 9450	081	TWELVEMILE LAKE	05N	23W	27	TWELVEMILE CREEK	2.9
2	UPI	03 8865		UPPER PEARL	08N	22W	08	NONE	1.3
2	UQG	04 7530	049	UPPER TWIN LAKE	16N	09W	08	UN TRIB TO E FK BLK	2.6
2	UQ5	04 7590	049	WEBB LAKE	16N	09W	14	UN TRIB TO RINGEYE CR	2.7
3	UII	02 7125	001	AGNES LAKE	04S	10W	04DB	ROCK CR.BIG HOLE	40.0
3	UIU	02 7525	001	BROWNES LAKE	03S	10W	34DC	ROCK CR.	15.4
3	UIM	01 8610	001	CLARK CANYON RES	10S	10W		BEAVERHEAD RIVER	1978.0
3	UIO	01 8680	001	CULVER POND	14S	01E	08AC	PICNIC CR.-ELK SPRING CR.	11.5
3	UIK	01 8780	001	ELK LAKE	13S	01E	32BC	ELK SPRINGS CR-RED ROCK R	95.1
3	UIJ	01 9040	001	LIMA RESERVOIR	14S	06W	14A	RED ROCK RD.,BEAVERHEAD R	3000.0
3	UIL	01 9080	001	LOWER RED ROCK LAKE	14S	02W	09AD	RED ROCK RIVER	455.7
3	UIH	01 9100	001	MCDONALDS POOL	13S	01E	31DC	ELK SPRINGS CREEK-RED RO	1.8
3	UIR	02 8625	001	MUSSIGBROD LAKE	01N	16W	32ABC	MUSSIGBROD CR.-BIG HOLE R	80.9
3	UED	17 9376	043	PARK LAKE	08N	05W	13A	LUMP GULCH	13.4
3	UIP	02 8800	023	PINTLAR LAKE	01N	15W	14BB	PINTLAR CREEK	8.1
3	UIT	01 9380	001	RESERVOIR LAKE	08S	15W	21AC	BLOODY DICK CR HORSE PRAI	18.2
3	UIW	01 9440	057	RUBY RIVER RES.	07S	04W	17CC	RUBY RIVER	1.2

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REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
3	UIV	01 9540	001	SHAMBO POND	14S	01W	20DC	SMALL CR TO UPPER RED RD	1.2
3	UIQ	01 9620	001	SWAN LAKE	14S	01W	09A	NONE-MAINLY THROUGH SEEPA	130.7
3	UIS	02 9523	001	TWIN LAKES	05S	17W	10BCDC	BIG LAKE CREEK	23.0
3	UIN	01 9780	001	UPPER RED ROCK LAKE	14S	01W	16DDDD	RED ROCK RIVER	892.8
4	UHP	16 4300	063	ACKLEY LAKE	14N	14E	22CD	JUDITH R	100.0
4	UIG	18 7750	059	BAIR RES	10N	09E	35	N FK MUSSELSHELL R	110.0
4	UFP	16 4400	027	BARTA RES.	17N	16E	22	JUDITH R	3.5
4	UEQ	18 7165	027	BELL POND	16N	22E	21	FORDS CR.	1.6
4	UE4	18 7180	059	BERG RES.	08N	09E	10	BONANZA CREEK	1.6
4	UEF	17 8752	013	BLACK EAGLE RES	20N	04E	06	MISSOURI RIVER	11.3
4	UF5	17 8770	013	BOWMAN RES. # 2	20N	06E	23	BELT CREEK	.8
4	UEZ	18 7220	069	BOX ELDER CREEK RES.	15N	27E	06	BOX ELDER CR	8.9
4	UE6	16 7645	069	BREAKS POND	20N	24E	05	SAND CREEK	2.0
4	UF9	14 7001	015	BRIGGS RES.	24N	03E	21	TIMBER COULEE TETON RIV	1.2
4	UFD	18 7341	027	BUFFALO WALLOW RES LOWER	20N	26E	32AAD	CROOKED CR	1.0
4	UFE	18 7340	027	BUFFALO WALLOW RES. UPPER	20N	26E	33BBB	CROOKED CR	3.2
4	UH6	16 7080	099	BYNUM RES.	25N	06W	05	MILLER CR.	1667.4
4	UFU	17 8784	059	CAMAS LAKE	09N	03E	12BD	CAMAS CREEK	3.2
4	UG2	14 7120	101	CAMERON RES.	36N	02E	26	WILLOW CREEK	1.2
4	UEU	16 4620	027	CARTER POND # 1	16N	18E	11	BURNETT CR	6.0
4	UF7	17 8837	013	CASS RES # 2	19N	07E	09	BELT CR	.8
4	UF8	17 8836	013	CASS RES. # 1	19N	07E	19	BELT CREEK	.6
4	UEX	18 7390	059	CASTLE LAKE	08N	08E	22	ALABAUGH CR	1.0
4	UFM	18 7395	027	CATFISH RESERVOIR	02N	26E	25	CROOKED CR	2.4
4	UG1	16 7140	051	CHESTER POND	32N	06E	21	COTTONWOOD CK	4.0
4	UEG	17 8857	013	COCHRANE RES	21N	05E	25	MISSOURI RIVER	11.3
4	UHD	16 4785	015	CORTNAGE RES. I	23N	12E	08DA	FLAT CR	.6
4	UHC	16 4786	015	COURTNAGE RES. II	23N	12E	10B	FLAT CREEK	2.0
4	UEV	16 4840	027	CRYSTAL LAKE	12N	17E	00	ROCK CR	16.2
4	UFL	16 7560	069	DRAG CREEK RES.	19N	28E	22	DRAG CR	5.2
4	UFN	18 7565	069	DRY BLOOD DETENTION RES.	17N	26E	14	DRY BLOOD CR	2.0
4	UHF	19 1000	035	DUCK LAKE	36N	13W	20AB	M FK MILK RIVER	X
4	UH7	17 4950	027	EAST FORK SPRING CR. RES.	14N	19E	14	EAST FORK SPRING CR	40.5
4	UH8	17 8906	059	EAST FORK SPRING CR. RES.	13N	05E	19	SMITH RIVER	.4
4	UGG	17 8928	059	ELK CREEK RES.	10N	04E	00	ELK CREEK	4.0
4	UEW	16 5040	027	ELKS COUNTRY CLUB POND	15N	18E	00	BIG SPRING CR	1.0
4	UEE	16 5070	015	ENGLANDT RES	22N	12E	01	FLAT CREEK	11.3
4	UID	14 7320	099	EUREKA RESERVOIR	25N	06W	36ACC	IRRIGATION CANALS TETON R	162.0
4	UEN	14 6841	099	EYRAUD LAKE - MIDDLE	26N	03W	30	DITCH TO LOWER LAKE	13.4
4	UEO	14 6842	099	EYRAUD LAKE - UPPER	26N	03W	30	DITCH TO MIDDLE LAKE	9.7
4	UEM	14 6840	099	EYRAUD LAKES - LOWER	26N	03W	20	MUDDY CREEK - TETON RIVER	69.2
4	UHX	16 7370	101	FITZPATRICK LAKE	36N	04W	S8B	MARIAS R	24.3
4	UFK	18 7510	059	FOREST LAKE	08N	05W	12	COTTONWOOD CR	4.0
4	UHI	14 7400	035	FOUR HORN LAKE	30N	09W	24AAC	CANAL INTO BIRCH CREEK	.
4	UG5	14 7450	101	FURNELL POND	36N	03E	25	STRAWBERRY CK-WILLOW CK	2.4
4	UFT	17 8960	059	GIPSY LAKE	09N	04E	27	SIPSY CREEK	2.4
4	UHE	19 1130	035	GOOSE LAKE	36N	13W	05CD	ST MARY RIVER	.6
4	UFX	17 8985	059	GRACE LAKE	08N	04E	16C	BIG BIRCH CR.	2.8
4	UEB	17 8995	013	GROGAN POND I UPPER	19N	06E	21	BOX ELDER CR	.2

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REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
4	UEC	17 8996	013	GROGAN POND 11 LOWER	19N	06E	21	BOX ELDER CR	.8
4	UFF	16 5535	027	HANSEN CREEK RES.	14N	19E	05	BIG SPRING CR.	5.3
4	UFH	18 7780	027	HASSLER RES.	18N	22E	10	WARM SPRING CR	0.6
4	UIB	17 9056	049	HAUSER LAKE	11N	02W	26DB	MISSOURI R	1537.9
4	UHT	17 9075	049	HELENA VALLEY RES	10N	02W	08DAAA	BIG PRICKLEY PEAR DRAINAG	202.0
4	UGZ	14 7620	101	HENRY POND - HAROLD	35N	03E	15	STRAWBERRY CK	2.0
4	UFW	17 9105	059	HIDDEN LAKE	08N	04E	16BD	BIG BIRCH CR	4.9
4	UFA	16 5960	027	HOLGATE RES.	18N	14E	00	WOLF CR	0.8
4	UE7	18 7840	069	HOLLANDS RES.	15N	21E	00	N FK McDONALD CR	2.0
4	UIA	17 9136	049	HOLTER LAKE	14N	03W	16A	MISSOURI RIVER	1942.6
4	UG4	14 7820	051	KAMMERZELL RES.	32N	05E	36	COTTONWOOD CK	12.1
4	UGA	17 9184	059	KEEP COOL RES.	11N	04E	29	THOMAS CREEK	11.4
4	UFC	16 6260	027	KINGSBURY POND	20N	14E	00	BLACK BUTTE COULEE	0.8
4	UHG	14 7960	035	KIPP LAKE	32N	10W	01BDD	WILLOW CREEK	.
4	UE8	16 6460	027	KOMAREK RES.	23N	20E	29	FARGO COULEE	.5
4	UFS	18 8110	027	KOVACICH POND	15N	20E	29	N FK McDONALD CR	0.5
4	UF2	17 8912	059	LAKE EDITH	08N	04E	22	BIG BIRCH CR	4.9
4	UHS	14 7440	073	LAKE FRANCES	29N	05W	09	DRY FK. MARIAS R -MARIAS	2240.4
4	UHV	17 9072	049	LAKE HELENA	11N	03W	24	HAUSER LAKE	647.5
4	UFG	16 6580	027	LIPKE POND	17N	19E	21	BULL CREEK	2.4
4	UHK	14 8090	035	LOWER MISSION LAKE	32N	08W	02	SPRING CREEK	.
4	UHJ	19 1200	035	LOWER ST MARY LAKE	35N	14W	14	ST MARY RIVER	.
4	UHH	14 8120	035	LOWER TWO MEDICINE LAKE	32N	13W	27BC	TWO MEDICINE RIVER	.
4	UE2	18 8340	069	MANUEL RES.	15N	29E	06	CAT CREEK	2.0
4	UGK	17 9250	059	MCGUIRE RES.#1	13N	06E	32	SHEEP CREEK	.4
4	UEI	17 9296	013	MORONY LAKE	21N	05E	14	MISSOURI RIVER	121.4
4	UHS	17 9330	059	NEWLAN CR. RES.	10N	06E	11	NEWLAN CREEK	113.3
4	UIE	20 7900	049	NILAN RES.	20N	07W	20BB	FLORENCE CANAL. WILLOW CK	216.5
4	UES	16 7286	027	NORMANS POND #1	19N	17E	29BC	PLUM CR	1.2
4	UET	16 7287	027	NORMANS RES.#2	19N	17E	29DB	PLUM CR	2.0
4	UFJ	18 8700	069	PAYOLA RES.	16N	26E	29	BOX ELDER CR	2.4
4	UFR	16 7520	027	PECKS POND - WALTER	12N	16E	34	ROSS FORK CR	.4
4	UFZ	16 7548	015	PEGAR RES.	26N	13E	28A	MISSOURI RIVER	2.4
4	UHM	13 8720	069	PETROLIA RES.	14N	27E	25CD	FLATWILLOW CR	208.4
4	UHL	19 1300	035	PIKE LAKE	37N	14W	04CA	ST MARY RIVER DR	.
4	UHY	20 7950	099	PISHKUN RES.	22N	07W	02D	SUN R. SLOPE IRRIG. CANAL	627.3
4	UGF	17 9400	049	POLLOCK POND	16N	03W	26	STICKNEY CREEK	1.2
4	UGW	14 8540	099	PRIEST BUTTE LAKE	23N	04W	09	TETON RIVER	121.4
4	UEP	17 9424	013	RAINBOW DAM	21N	04E	00	MISSOURI RIVER	9.7
4	UE3	16 7949	045	RIDGEWAY POND	15N	12E	29	SAGE CR	.5
4	UE9	18 8840	027	RINDEL POND	18N	21E	08	ARMELLS CR	1.6
4	UGL	13 8860	059	ROSTAD RES.	07N	08E	13	SOUTH FORK MUSSELSHELL	.4
4	UEH	17 9505	013	RYAN RES	21N	05E	19	MISSOURI RIVER	11.3
4	UGI	17 9506	059	SCHENDEL RES.	07N	06E	29	BATTLE CREEK	1.6
4	UFI	16 8208	027	SENEF POND	19N	15E	36	WOLF CR	0.8
4	UHZ	14 8935	101	SHEL-DOLE RES	32N	02W	15	MARIAS RIVER	20.2
4	UHQ	17 9616	059	SMITH RIVER RES.	10N	08E	00	N FK SMITH RIVER	132.3
4	UER	16 8340	027	SNAPPS RES #1	18N	17E	29	JUDITH R	.8
4	UFO	18 9150	069	SOUTH FORK DRY BLOOD RES.	17N	26E	25	DRY BLOOD CR	1.6

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REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
4	UGJ	17 9560	059	SPRING CREEK RES.	10N	06E	03	SPRING CREEK	1.6
4	UH3	14 9240	051	TIBER RES (WILLOW CR ARM)	30N	04E	14B	MARIAS R.	971.2
4	UH4	14 9240	051	TIBER RES.	30N	05E	28C	MARIAS R.	3885.1
4	UF1	17 9735	059	UPPER BALDY LAKE	08N	04E	21B	BIG BIRCH CREEK	2.8
4	UFB	16 8660	027	URS POND - FRANK	19N	13E	22	COFFEE CR	2.0
4	UFQ	16 8703	027	VOLF RES.	11N	17E	20	ROSS FORK CR	1.0
4	UHR	18 9440	069	WAR HORSE LAKE	16N	25E	27AD	BUFFALO CR	404.7
4	UGH	17 9840	059	WHITETAIL RES.	11N	05E	10	WHITETAIL CREEK	2.8
4	UGM	20 8550	049	WOOD LAKE	18N	07W	13	WOOD CREEK	16.2
5	UBZ	22 7119	009	AFTERBAY POOL	09S	18E	32AACB	ROCK CREEK	1.0
5	UAA	22 7141	009	ALICE LAKE	08S	16E	26D	FALLS CREEK-E.ROSEBUD CR.	16.0
5	UAB	22 7170	009	ARCH LAKE	08S	16E	03DBB	ARCH CR	2.6
5	UAE	22 7252	009	BIG PARK LAKE	08S	16E	14CDC	EAST ROSEBUD CR.-STILLWAT	3.2
5	UAF	22 7268	009	BILLY LAKE	08S	16E	20BBAA	CAIRN CR.	4.2
5	UAG	22 7280	009	BLACK CANYON LAKE	09S	18E	050BCB	BLACK CANYON CR -LK.FK. R	33.3
5	UAI	22 7312	009	BOOT LAKE	08S	16E	35AA	FALLS CREEK-E.ROSEBUD CR.	11.2
5	UAJ	22 7313	009	BOWBACK LAKE	08S	17E	23BA	WEST FK. ROCK CR.	2.6
5	UAK	22 7313	009	BOWBACK LAKE	08S	17E	21AB	WHIRLPOOL CR.-E.ROSEBUD	2.2
5	UAH	22 7325	095	BRENT LAKE	07S	16E	33DB	ARMSTRONG CR.	5.4
5	UAL	22 7364	009	BROADWATER LAKE	08S	18E	35CCA	LAKE FORK-ROCK CR.	.4
5	UAM	22 7392	009	CAIRN LAKE	08S	16E	18AC	CAIRN CR.	60.0
5	UBH	22 7461	009	CLIFF LAKE (HELLROARING #2)	09S	18E	15BC	HELLROARING CR.-ROCK CR.	13.3
5	UBI	22 7588	009	CRESCENT LK.(HELLROARING 8)	09S	18E	14BCCC	HELLROARING CR.-ROCK CR.	5.5
5	UBJ	22 7602	009	CROW LAKE	07S	17E	36AACC	HELLROARING-EAST ROSEBUD	4.5
5	UBK	22 7646	009	DAILEY LK.(HELLROARING #11)	09S	18E	14ADB	HELLROARING CR.-ROCK CR.	3.0
5	UBL	22 7686	009	DEWEY LAKE	08S	16E	21DCC	EAST ROSEBUD CR.-STILLWAT	15.1
5	UBN	22 7700	009	DUDE LAKE	08S	17E	13BBB	DUDE CR.-WEST FK. ROCK CR	4.9
5	UBM	22 7697	009	DUGGAN LAKE	08S	16E	22ACCB	EAST ROSEBUD CR.-STILLWAT	1.8
5	UBO	22 7714	009	EAST ROSEBUD LAKE	07S	17E	28BBAA	EAST ROSEBUD CR.-STILLWAT	45.2
5	UBQ	22 7818	009	ECHO LAKE	08S	16E	15CBBB	GRANITE CR.-E.ROSEBUD CR.	4.9
5	UAO	22 7428	009	ELEPHANT LAKE	08S	17E	17CDDC	WHIRLPOOL CR.-EAST ROSEBU	6.0
5	UBP	22 7756	009	ELK LAKE	08S	17E	05BADA	E.ROSEBUD CR.-STILLWATER	3.0
5	UBS	22 7841	009	FALLS CREEK LAKE	08S	16E	26ABA	FALLS CR.-E.ROSEBUD CR.	1.5
5	UBR	22 7868	009	FIRST ROCK CREEK LAKE	08S	18E	31DABA	LAKE CR.-LAKE FORK-ROCK	7.1
5	UBT	22 7924	009	FOSSIL LAKE	08S	16E	31AA	EAST ROSEBUD CR.-STILLWAT	66.7
5	UBU	22 7958	009	FROSTY LAKE	09S	18E	19ABDD	ROCK CREEK	.4
5	UBV	22 7960	095	FROZE TO DEATH LAKE	07S	16E	34BDD	ARMSTRONG CR.	30.2
5	UBX	22 7980	009	GLACIER LAKE	09S	18E	29CCCC	ROCK CREEK	71.5
5	UCC	22 8557	009	GRANITE LAKE (LOWER)	08S	16E	05CB	GRANITE CR.	6.0
5	UDM	22 9648	009	GRANITE LAKE (UPPER)	08S	16E	06D	GRANITE CR	9.3
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2
5	UDP	22 8016	067	GREAT FALLS CR LAKE - UPPER	05S	12E	06BC	GREAT FALLS CR. BOULDER R	5.2
5	UB0	22 8064	009	HELLROARING LAKE #1	09S	18E	09DDBC	HELLROARING CR.-ROCK CR.	2.1
5	UCP	22 9076	009	HELLROARING LAKE #12	09S	18E	13BCCC	HELLROARING CR.-ROCK CR.	1.2
5	UB4	22 8064	009	HELLROARING LAKE #13	09S	18E	14DDBA	HELLROARING CR.-ROCK CR.	0.5
5	UB1	22 8064	009	HELLROARING LAKE #4	09S	18E	15CAAA	HELLROARING CR.-ROCK CR.	1.1
5	UB2	22 8064	009	HELLROARING LAKE #6	09S	18E	15DAAA	HELLROARING CR. ROCK CR.	0.4
5	UB3	22 8064	009	HELLROARING LAKE #7	09S	18E	150CD	HELLROARING CR.-ROCK CR.	0.8
5	UB5	22 8065	009	HELLROARING LAKE #9	09S	18E	148DDD	HELLROARING CR.-ROCK CR.	3.2
5	UB6	22 8288	009	KEYSER BROWN LAKE	08S	18E	32AC	LAKE FORK-ROCK CR.	3.8
5	UB7	22 8310	009	KOOKOO LAKE	08S	17E	23AAAC	SHIP CR.-W.FK.ROCK CR.	2.5
5	UB8	22 8330	009	LAKE AT FALLS	08S	16E	23AAA	EAST ROSEBUD CR.-STILLWAT	20.2
5	UBW	22 7966	009	LAKE GERTRUDE	08S	18E	10CDAC	TIMBERLINE CR.-W.FK.ROCK	2.5
5	UBY	22 8446	009	LITTLE GLACIER LAKE	09S	18E	32AACB	ROCK CREEK	4.5
5	UAZ	22 7428	009	LITTLE MARY LAKE	08S	18E	07BBCB	WEST FK. ROCK CR.	.8
5	UCR	22 9097	009	LITTLE SCAT LAKE	08S	16E	26ABAA	FALLS CR.-E.ROSEBUD CR.	2.0
5	UB9	22 8510	009	LOST LAKE	07S	17E	30BBB	ARMSTRONG CR.	1.4
5	UCA	22 8512	009	LOST LAKE	08S	18E	34CCDC	LAKE FORK-ROCK CR.	4.6
5	UCB	22 8530	009	LOWER ARCH LAKE	08S	16E	03DBB	ARCH CR.-E.ROSEBUD CR.	9.8
5	UAC	22 7223	009	LOWER BASIN CREEK LAKE	08S	19E	08BAB	BASIN CR.-WEST FK.ROCK CR	01.0
5	UDJ	22 9576	009	MARKER LAKE	08S	17E	23CB	W FK ROCK CREEK DR	6.3
5	UCD	22 8592	009	MARTIN LAKE	08S	16E	23DABB	FALLS CR.-E.ROSEBUD CR.	12.1
5	UCE	22 8596	009	MARY LAKE	08S	18E	06CCC	MARY CR.-WEST FK.ROCK CR.	3.2
5	UCF	22 8638	009	MEDICINE LAKE	08S	16E	20ADAA	MEDICINE CR.	12.3
5	UCG	22 8708	009	MOON LAKE	09S	18E	17CDBD	MOON CREEK-ROCK CR.	33.3
5	UCH	22 8739	009	MOUNTAIN GOAT LAKE	09S	18E	30BAA	MOUNTAIN SHEEP LAKE-ROCK	5.1
5	UCI	22 8740	009	MOUNTAIN SHEEP	09S	18E	30BAC	ROCK CREEK	3.0
5	UCJ	22 8825	009	OLY LAKE	08S	16E	20DCCA	CAIRN CR.	1.0
5	UCK	22 8828	009	OMEGA LAKE	08S	17E	34BACA	W FK ROCK CREEK DR	0.6
5	UEY	18 8745	107	PETERSON POND	11N	16E	20	ROSS FORK CR	2.0
5	UCL	22 8876	095	PHANTOM LAKE	07S	16E	26BBB	PHANTOM CR.-ARMSTRONG CR.	7.9
5	UCM	22 8960	009	RAINBOW LAKE	08S	16E	13AAC	EAST ROSEBUD CR.-STILLWAT	23.5
5	UCN	22 9002	009	RIMROCK LAKE	08S	17E	07BCCC	EAST ROSEBUD CR-STILLWATE	13.6
5	UCD	22 9035	009	ROSEBUD LAKE	08S	16E	22DCCC	EAST ROSEBUD CR.-STILLWAT	12.4
5	UCQ	22 9097	009	SCAT LAKE	08S	16E	23DCAD	FALLS CR.-E.ROSEBUD CR.	2.8
5	UCS	22 9114	009	SECOND ROCK CREEK LAKE	08S	18E	31CCCB	LAKE CR.-LAKE FORK-ROCK	10.5
5	UCT	22 9125	009	SENAL LAKE	08S	17E	12CCDD	WEST FK. DUDE CR.	1.3
5	UCU	22 9128	009	SEPTEMBER MORN LAKE	08S	18E	29CBC	LAKE FORK CR.-ROCK CR.	4.6
5	UCV	22 9142	009	SHADOW LAKE	07S	17E	19DDCC	ARMSTRONG CR.	2.2
5	UCW	22 9143	009	SHADOW LAKE	08S	17E	26DAAA	WEST FORK ROCK CR.	1.5
5	UCX	22 9156	009	SHELF LAKE	09S	18E	21CBC	MOON CR.-ROCK CR.	20.6
5	UCY	22 9170	009	SHIP LAKE	08S	17E	23	W FK ROCK CREEK DR	11.7
5	UCZ	22 9182	009	SILT LAKE #53	08S	17E	26CDA	WEST FORK ROCK CR.-	0.2
5	UC0	22 9182	009	SILT LAKE #54	08S	17E	26CCAC	WEST FORK ROCK CR.	1.8
5	UC1	22 9182	009	SILT LAKE #55	08S	17E	26CCB	WEST FORK ROCK CR.	1.3
5	UC2	22 9186	009	SILVER RUN LAKE #47	08S	18E	14CBBB	TIMBERLINE CR.-W.FK.ROCK	1.0

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
5	UAN	22 7428	009	SILVER RUN LAKES #43	08S	18E	14BABC	TIMBERLINE CR.-W.FK.ROCK	1.5
5	UAP	22 7428	009	SILVER RUN LK #44	08S	18E	14BBCC	TIMBERLINE CR.-W.FK.ROCK	.9
5	UAR	22 7428	009	SILVER RUN LK #45	08S	18E	15ADAC	TIMBERLINE CR.-W.FK.ROCK	0.3
5	UAU	22 7428	009	SILVER RUN LK. #46	08S	18E	15ADCD	TIMBERLINE CR.-W.FK.ROCK	.5
5	UC3	22 9240	009	SLIDEROCK LAKE	09S	18E	16CDAA	HELLROARING CR.-ROCK CR.	32.8
5	UC4	22 9254	009	SLOUGH LAKE	07S	17E	19BDAC	ARMSTRONG CR.	2.3
5	UC5	22 9275	009	SMETHURST LK.(HELLROAR.#10)	09S	18E	14DBAC	HELLROARING CR.-ROCK CR.	1.9
5	UC6	22 9295	009	SNOW LAKE (LOWER)	08S	17E	09BAD	SNOW CREEK-E ROSEBUD CR	3.2
5	UC7	22 9295	009	SNOW LAKE (UPPER)	08S	17E	04CDC	SNOW CREEK- EAST ROSEBUD	4.2
5	UC8	22 9310	009	SNOWBANK LAKE	08S	16E	28CA	EAST ROSEBUD CR.	2.8
5	UC9	22 9311	009	SNOWBANK LK.(HELLROARING 3)	09S	18E	15CDAA	HELLROARING CR.-ROCK CR.	7.6
5	UDA	22 9362	009	SUMMIT LAKE	08S	17E	30BBAC	WHIRLPOOL CR.-E.ROSEBUD	7.7
5	UDB	22 9364	009	SUNDANCE LAKE	08S	17E	24CDDC	WEST FORK ROCK CR.	1.2
5	UDC	22 9394	009	SYLVAN LAKE	07S	17E	26DA	HELLROARING CR.-EAST ROSE	7.5
5	UDD	22 9450	009	THROOP LAKE	09S	17E	02ADCC	LK.FK.ROCK CR-ROCK CR.	3.4
5	UDE	22 9478	009	TIMBERLINE LAKE	08S	18E	16AAAC	TIMBERLINE CR.-W.FK. ROCK	12.7
5	UDF	22 9487	009	TRIANGLE LAKE	08S	17E	23A	W FK CREEK CREEK DR	2.5
5	UDG	22 9489	009	TRIANGLE LAKE	09S	18E	30DBBC	ROCK CR.	3.2
5	UDH	22 9513	09S	TURGULSE LAKE	07S	16E	33BDD	ARMSTRONG CR.	33.5
5	UDI	22 9528	009	TWIN OUTLETS	08S	16E	21DA	EAST ROSEBUD CR.-STILLWAT	11.9
5	UA2	22 7428	009	UNNAMED ARCH LAKE	07S	16E	35CBB	ARCH CR.	3.2
5	UA5	22 7428	009	UNNAMED LAKE	08S	16E	14DCBB	EAST ROSEBUD	0.4
5	UA4	22 7428	009	UNNAMED LAKE	08S	16E	21BBD	EAST ROSEBUD CR.	0.3
5	UAY	22 7428	009	UNNAMED LAKE	08S	17E	22DDA	WEST FK. ROCK CR.	1.1
5	UA1	22 7428	009	UNNAMED LAKE	08S	17E	08	EAST ROSEBUD CR.	0.3
5	UBC	22 7428	009	UNNAMED LAKE	08S	16E	08DD	GRANITE CR.	1.3
5	UBB	22 7428	009	UNNAMED LAKE	08S	16E	21BCA	EAST ROSEBUD CR.	1.3
5	UBA	22 7428	009	UNNAMED LAKE	08S	16E	10DADA		0.9
5	UA9	22 7428	009	UNNAMED LAKE	08S	16E	11BDCA	E ROSEBUD RIVER DR	0.3
5	UA8	22 7428	009	UNNAMED LAKE	08S	16E	16DC	GRANITE CREEK	1.3
5	UBG	22 7428	009	UNNAMED LAKE	08S	16E	32ACC	EAST ROSEBUD CR.	1.6
5	UBF	22 7428	009	UNNAMED LAKE	08S	16E	31DA	EAST ROSEBUD CR.	0.7
5	UBE	22 7428	009	UNNAMED LAKE	08S	17E	09DAOD	SNOW CREEK-EAST ROSEBUD	0.4
5	UAV	22 7428	009	UNNAMED LAKE	08S	17E	34AAD	W FK ROCK CREEK DR	0.5
5	UAX	22 7428	009	UNNAMED LAKE	08S	17E	22DDA	WEST FK. ROCK CR.	0.6
5	UAW	22 7428	009	UNNAMED LAKE	08S	17E	23ABB	SHIP CR.-W.FK. ROCK CR.	0.6
5	UAQ	22 7428	009	UNNAMED LAKE	09S	17E	11BBBB	LK.FK.ROCK CR-ROCK CR.	4.2
5	UAT	22 7428	009	UNNAMED LAKE	08S	17E	25BB	WEST FORK ROCK CR.	1.0
5	UAS	24 7428	009	UNNAMED LAKE	08S	17E	35CCD	LAKE FK ROCK CR -ROCK CR.	5.1
5	UAQ	22 7428	009	UNNAMED LAKE	09S	18E	20CAB	MOON CREEK -TO ROCK CR.	6.3
5	UDK	22 9581	009	UNNAMED LAKE(2)	08S	15E	25A0DA	EAST ROSEBUD CR.	2.8
5	UA7	22 7428	009	UNNAMED LAKES	08S	16E	16CC	GRANITE CREEK	3.1
5	UA3	22 7428	009	UNNAMED LAKES	08S	16E	17DDD	CAIRN CR.	0.6
5	UBD	22 7428	009	UNNAMED LAKES(6)	08S	16E	19DA	CAIRN CR.	4.7
5	UA6	22 7428	009	UNNAMED LAKE	08S	16E	14DBBC	EAST ROSEBUD CR.	1.3
5	UDL	22 9622	009	UPPER ARCH LAKE	08S	16E	02BABD	ARCH CR.-E.ROSEBUD CR.	19.0
5	UAD	22 7224	009	UPPER BASIN LAKE	08S	19E	07ACC	BASIN CR.-WEST FK.ROCK CR	2.7
5	UDN	22 9716	009	WAPITI LK.(HELLROARING #5)	09S	18E	15DBAA	HELLROARING CR.-ROCK CR.	1.1
5	UDO	22 9763	009	WILD BILL LAKE	08S	19E	03CADA	ROCK CREEK	1.3

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
6	UJI	15 4560	041	BEARPAW LAKE	30N	16E	28	BEAVER CREEK	19.0
6	UJJ	15 4570	041	BEAVER CREEK RESERVOIR	31N	15E	25	BEAVER CREEK	46.5
6	UJK	16 8616	071	BELLRIDGE RESERVOIR	23N	24E	29	SIPARYANN CREEK	1.6
6	UJE	15 6940	005	BR 012	34N	21E	18	FIFTEENMILE CREEK	15.0
6	UJL	16 4870	071	CURRENT RESERVOIR	23N	27E	10	BEAUCHAMP CREEK	4.9
6	UI9	15 5030	005	DON RESERVOIR	36N	20E	15	CORRAL COULEE	0.6
6	UI4	16 5071	091	ENGSTROM POND-PAUL	32N	55E	18	BIG MUDDY CREEK	8.1
6	UJD	15 5140	005	FABER RESERVOIR	29N	20E	16	PEOPLES CREEK	10.9
6	UI5	16 5110	055	FLAT LAKE	26N	41E	12	MISSOURI RIVER	4.0
6	UIX	16 5140	105	FORT PECK RES.	26N	41E	27	MISSOURI RIVER	99151.0
6	UI3	15 5200	071	FRENCHMAN DAM	34N	34E	13BD	FRENCHMAN CREEK	320.0
6	UIZ	15 5240	041	FRESNO RES.	33N	14E	19C	MILK RIVER	1617.0
6	UI6	15 5340	105	GLASGOW AIR FORCE POND	31N	39E	12	CHERRY CREEK	2.4
6	UJH	15 5380	005	GRASSHOPPER RESERVOIR	31N	19E	28	BEAN CREEK	7.2
6	UI8	16 6420	083	KUESTER RESERVOIR	22N	53E	07AABC	REDWATER RIVER	32.0
6	UJM	16 6495	071	LARK RESERVOIR	23N	25E	20	ROCK CREEK	1.6
6	UJB	15 6095	005	LYONS RESERVOIR	30N	19E	32	SNAKE CREEK	5.7
6	UIY	16 7190	091	NELSON RESERVOIR	35N	57E	26	MILK RIVER	1579.0
6	UJA	15 6535	005	NORTH FABER RESERVOIR	33N	21E	21	MILK RIVER	2.4
6	UJG	15 9160	005	ROSS RESERVOIR	29N	18E	07	WIND CREEK	2.4
6	UJN	16 8047	071	SAGEBRUSH RESERVOIR	23N	26E	31	SEVENMILE CREEK	1.8
6	UJC	15 9175	005	SALMO RESERVOIR	33N	20E	18	BATTLE CREEK	2.0
6	UI1	16 8220	071	SENTINEL RES.	23N	26E	16	C K CREEK	2.8
6	UI2	16 8475	071	TAINT RES.	23N	26E	33	SEVENMILE CREEK	2.0
6	UI7	15 6920	105	VR 009 RESERVOIR	31N	39E	13	CHERRY CREEK	1.6
7	URJ	21 1778	025	BAKER LAKE	07N	59E	13DBA	SANDSTONE CREEK	24.3
7	URH	21 2527	087	CASTLE ROCK LAKE	02N	41E	33DBB	EAST FORK ARMELLS CREEK	68.0
7	URM	21 2450	079	CLARKS RES.	13N	48E	18CA	CHERRY CREEK	49.4
7	URL	12 1310	011	GARDINER RES.	06S	56E	34D	BOX ELDER CREEK	18.2
7	UJO	21 3250	083	GARTSIDE LAKE	21N	58E	16ABD	CRANE CREEK	14.1
7	URE	21 3450	025	HALL RES.-RUSH	09N	59E	30DA	CABIN CR.- YELLOWSTONE R.	0.8
7	URB	21 3570	017	HAUGHMANS TROUT RES.#1	12N	47E	06D	CUSTER CR- YELLOWSTONE R.	6.5
7	URD	21 3837	075	HOME CREEK BUTTE RES.	03S	47E	05DA	WILBUR CR-OTTER CR-TONGUE	0.8
7	URN	16 6428	055	KUHN RES.(LISK CR.)	16N	46E	16	LISK CR., REDWATER RIVER	4.0
7	URK	12 2640	011	MENABB RES.	01N	59E	29A	BOX ELDER CREEK	3.2
7	URI	21 8775	025	SOUTH SANDSTONE RES.	07N	58E	29A	SOUTH SANDSTONE CREEK	48.6
7	URC	21 8815	017	SPOTTED EAGLE RES.	07N	47E	04BD	TONGUE RIVER	6.0
7	URG	21 9000	003	TONGUE RIVER RES.	08S	40E		TONGUE RIVER	1416.5

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
ALPHABETICAL LIST OF LAKES IN DATABANK - SORTED BY REGION-- 132 LAKES WITH EARTH SCIENCES & FISH, WILDLIFE, & PARKS DATA

REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
1	UJ4	07 5560	063	BUNYAN LAKE	19N	17W	34	UN TRIB TO HERRICK R	2.6
1	UJ7	11 8050	053	CAD LAKE	27N	28W	24CAD	FISHER RIVER DRAINAGE	1.5
1	UKF	11 8130	053	CIBID LAKE	27N	28W	24CBD	FISHER RIVER DRAINAGE	3.3
1	UKI	11 8180	053	CRYSTAL LAKE	27N	28W	25	KOOTENAI R DRAINAGE	70.2
1	UKU	11 8340	053	FRANK LAKE	35N	26W	18ADA	TOBACCO RIVER DRAINAGE	48.3
1	UK1	11 8440	053	GROUSE LAKE	30N	34W	12	COPPER CREEK	3.0
1	UK6	11 8471	053	HAWKINS LAKE - UPPER	37N	34W	13	SO FK HAWKINS CR	1.9
1	UK5	11 8470	053	HAWKINS LAKE-LOWER	37N	33W	18	SO FK HAWKINS CR	5.5
1	UK9	07 6780	063	HOLLAND LAKE	20N	16W	35ACCC	HOLLAND CREEK	173.1
1	ULB	11 8520	053	HORESHOE LAKE	27N	28W	23DBCA	FISHER RIVER	52.0
1	ULC	11 8540	053	HOSKINS LAKE	36N	31W	17	YAAK RIVER DR	15.1
1	ULD	11 8560	053	HOWARD LAKE	27N	31W	13	HOWARD CREEK	13.1
1	ULL	11 8640	053	KILBRENNAN LAKE	33N	33W	29DDB	KILBRENNAN CREEK	23.0
1	ULQ	07 7700	047	LAKE MARY RONAN	25N	22W	14CA	RONAN CREEK	612.4
1	ULW	11 8760	053	LEON LAKE	27N	28W	23	FISHER RIVER	6.8
1	ULX	07 8385	047	LILY LAKE	25N	18W	09	SWAN RIVER DR	5.2
1	ULY	07 7260	063	LINDBERG LAKE	19N	17W	23CCC	SWAN RIVER	331.9
1	UL5	11 8920	053	LITTLE THERRIAULT LAKE	37N	25W	29	BLUEBIRD CREEK	19.5
1	UMA	07 7440	063	LOON LAKE	20N	17W	26D	BEAVER CREEK	10.8
1	UL8	07 7400	047	LOON LAKE	23N	21W	20BAAC	FLATHEAD RIVER	94.4
1	UMD	11 8980	053	LOON LAKE	33N	32W	25ABBC	PIPE CREEK	12.2
1	UMC	11 8960	053	LOON LAKE	34N	26W	02CCDC	FORTINE CREEK	13.0
1	UMI	11 9120	053	MARL LAKE	34N	26W	03BCBB	MARL CREEK	41.2
1	UMK	07 7740	047	MCDONALD LAKE	19N	19W	11AC	POST CREEK	76.2
1	UMQ	11 9200	053	MILNOR LAKE	31N	33W	28	FALLS CREEK	10.0
1	UMS	11 9240	053	MORAN LAKE	37N	27W	21	PHILLIPS CREEK	16.7
1	UMV	11 9290	053	MYRON LAKE	27N	28W	15	FISHER RIVER	1.6
1	UM1	07 8220	047	PECK LAKE	22N	17W	32	SWAN RIVER	8.9
1	UM3	07 8280	063	PIERCE LAKE	19N	16W	22	PIERCE CN	13.0
1	UNA	11 9480	053	SAVAGE LAKE	31N	33W	28	FALLS CREEK	28.6
1	UNB	11 9500	053	SCHOOLHOUSE LAKE	31N	33W	29	KOOTENAI R DRAINAGE	5.9
1	UNC	11 9540	053	SHANNON LAKE	31N	33W	23	KOOTENAI R DRAINAGE	0.9
1	UND	07 8600	047	SHAY LAKE	22N	17W	06	SWAN RIVER	7.1
1	UNE	07 8620	047	SKAGGS LAKE	25N	21W	22	SPRING CREEK	15.9
1	UNS	11 9710	053	SWISHER LAKE (SPRING)	37N	27W	17	KOOTENAI RIVER	4.8
1	UNW	11 8060	053	TETRAULT LAKE (CARPENTER)	37N	27W	28ACBB	KOOTENAI RIVER	37.2
1	UNY	11 9800	053	TIMBER LAKE	35N	26W	07	TOBACCO RIVER	8.2
1	UNZ	11 9380	053	TOM POOLE LAKE	33N	31W	28	PIPE CREEK	2.2
1	UN4	07 9160	047	TURTLE LAKE (TWIN)	22N	19W	18ACD	POLSON CANAL	21.9
1	UN5	07 9360	063	UPPER HOLLAND LAKE	20N	15W	28	HOLLAND CREEK	14.9
1	UN9	07 9480	047	VAN LAKE	22N	17W	03BBAA	SWAN RIVER	23.0
1	UQA	11 9940	053	VINAL LAKE (HELMER)	36N	31W	30	YAAK RIVER	6.3
1	UOF	07 9755	047	WYMAN LAKE	25N	18W	05	WYMAN CREEK	7.8
2	UQH	04 6180	063	BOULDER LAKE	15N	18W	11AB	GOLD CREEK	46.1
2	UPD	03 7600	063	CARLTON LAKE	11N	21W	27	CARLTON CR	10.7
2	UPW	05 8548	061	CEMENT CREEK LAKE	14N	26W	18B	CEMENT GUL-TROUT CR-CL FK	2.5
2	UOT	04 6300	063	CLEARWATER LAKE	19N	15W	19CD	CLEARWATER RIVER BLACKFOO	43.5
2	UQS	04 6330	077	COOPERS LAKE	15N	10W	06CCDD	SALMON CR N FK BIG BLACK	110.8
2	UQL	05 8742	061	EAGLE PEAK LAKE	18N	30W	35A	WARD CR -ST REGIS -CLARK	.2

MONTANA DEPARTMENT OF FISH WILDLIFE & PARKS
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REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
2	UPX	05 9245	061	EAST WINDFALL LAKE	14N	26W	05B	WINDFALL - CLARK FORK RIV	.6
2	UQE	04 6585	049	FLESHER LAKES	15N	07W	33CD	BLACKFOOT RIVER	7.4
2	UPR	05 9245	061	FLETCHER GULCH LAKE	14N	27W	25A	FLETCHER GULCH	2.5
2	UPT	05 8816	061	FRENCH LAKE	14N	26W	18	FRENCH CR-N FK FISH-FISH-	7.6
2	UQF	04 6598	063	GOLD CREEK LAKE	15N	18W	02C	UN TRIB TO BOULDER LAKE	6.7
2	UQI	05 8928	061	HEART LAKE	14N	27W	26AA	S.FK.TROUT CR..TROUT CR.	27.7
2	UQK	04 6690	049	HEART LAKE	16N	08W	18DDDB	UN TRIB-LANDERS FK	11.1
2	UQJ	05 8927	061	HEART LAKE	18N	30W	29CCCC	E.FK. BIG CR..ST REGIS R.	2.5
2	UPY	05 9245	061	HIDDEN LAKE	16N	28W	29	MINK CREEK	.6
2	UQU	04 6120	063	LAKE ALVA	18N	16W	13CDBA	CLEARWATER RIVER BLACKFOO	118.2
2	UPZ	05 9088	061	LENORE LAKE	17N	29W	09BA	COYLE CR - TWOMILE - STRE	2.5
2	UP2	05 9245	061	LOWER HEART LAKE	16N	28W	32A	UNNAMED - DRY CR CLARK FO	.6
2	UPN	06 8575	039	LOWER SWAMP GULCH	07N	13W	24B	SWAMP GULCH	.7
2	UP3	05 9245	061	MIDDLE CACHE LAKE	11N	25W	08CA	CACHE CREEK	.7
2	UPP	05 9245	061	MINK PEAK LAKE	16N	28W	33DB	LOST CREEK	.6
2	UPV	05 9248	061	MISSOULA LAKE	15N	28W	15	MISSOULA GULCH	5.0
2	UP6	05 9323	061	NORTH CACHE LAKE	11N	25W	08B	UN TRIB-CACHE CR-S FK F	2.6
2	UP5	05 9345	061	OREGON PEAK LAKE	15N	28W	17D	OREGON GULCH	0.8
2	UQO	05 9360	061	PEARL LAKE	14N	27W	25	TROUT CR - CLARK FORK RIV	6.3
2	UQA	05 9245	061	QUARTZ CREEK LAKE NO 1	14N	26W	05C	QUARTZ CREEK	2.5
2	UP9	05 9245	061	QUARTZ CREEK LAKE NO 2	14N	26W	09	QUARTZ CR CLARK FORK RIV	2.6
2	UQQ	04 7170	063	RAINY LAKE	18N	16W	02DDDB	CLEARWATER RIVER BLACKFOO	33.1
2	UQP	04 7260	063	SEELEY LAKE	17N	15W	33AAC	CLEARWATER R.-SALMON L...	424.0
2	UQM	05 9535	061	SIAMESE LAKE-LOWER	13N	26W	29D	W FK FISH-FISH-CLARK FORK	15.1
2	UQN	05 9536	061	SIAMESE LAKE-UPPER	13N	26W	29C	W FK FISH-FISH-CLARK FORK	8.8
2	UPS	05 9552	061	SILVER LAKE	19N	31W	32D	SILVER CREEK-STREGIS-CL F	3.3
2	UP4	05 9245	061	SOUTH CACHE LAKE	11N	25W	18A	CACHE CREEK	.4
2	UPU	05 9698	061	TRIO LAKE - SOUTH	14N	26W	36D	N FK FISH CR-FISH CR-CL F	5.0
2	UPD	05 9245	061	UPPER DIAMOND LAKE	16N	28W	17CA	TORINO CREEK	5.0
2	UPM	05 9245	061	UPPER HEART LAKE	16N	28W	31A	DRY CREEK	.6
2	UQB	05 9811	061	WEST FK FISH CREEK LAKE # 1	12N	26W	08	UN TRIB-W FK FISH CR FISH	2.5
2	UQC	05 9245	061	WEST FK FISH CREEK LAKE # 2	13N	26W	32CC	WEST FK FISH CR CL FK R	1.3
2	UQD	05 9245	061	WEST FK FISH CREEK LAKE # 3	13N	26W	32BC	W FK FISH CR FISH CR-CL	3.1
4	UHU	17 8720	049	BEAN LAKE	18N	07W	24AAB	DITCH-N FK DEARBORN R	83.6
4	UHW	20 6950	049	BEAR LAKE	22N	11W	34AAC	BEAR CK - S FK SUN RIVER	10.0
4	UE1	16 4590	045	C-1 STANFORD RES.	15N	12E	02	SAGE CREEK	1.6
4	UG9	20 7005	099	CANAL LAKE	22N	08W	14	SUN RIVER	3.0
4	UGP	20 7130	049	DICKENS LAKE	21N	08W	04	SUN RIVER	3.7
4	UF6	17 8932	013	ELLIS POND	19N	05E	22	BOX ELDER CREEK	2.2
4	UG6	14 7325	099	FERRIS POND	24N	03W	19	TETON RIVER	3.6
4	UH2	20 7350	099	GIBSON RES.	21N	09W	05BC	SUN RIVER	518.8
4	UGR	14 8000	073	KIYO LAKE	29N	12W	02	N FK LITTLE BADGER CK	2.9
4	UE5	16 6325	045	KNUTSON RES.	15N	13E	30	SAGE CR	.5
4	UEL	16 6381	045	KOLAR RES 4	18N	10E	27	ARROW CREEK	1.5
4	UEJ	16 6382	045	KOLAR RES 5	18N	10E	22	ARROW CREEK	.7
4	UEK	16 6383	045	KOLAR RES 6	18N	10E	26	ARROW CREEK	.4
4	UGC	16 6340	045	KOLAR RES. # 1	17N	10E	05	ARROW CREEK	5.6
4	UGD	16 6360	045	KOLAR RES. # 2	18N	10E	32	ARROW CR	4.1
4	UGE	16 6384	045	KOLAR RES. # 7	18N	10E	29	ARROW CREEK	2.9

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REGION	SERIAL	WATER CODE	COUNTY	LAKE NAME	TWN	RGE	SEC	OUTLET OR DRAINAGE	SURFACE AREA
4	UG7	20 7650	049	LAKE LEVALE	25N	11W	30	OPEN CREEK	2.0
4	UF4	14 8040	015	LENINGTONS RES.	26N	08E	21	CHIP CREEK - MARIAS RIVER	3.7
4	UG3	20 7730	099	LITTLE PISHKUN POND	22N	07W	10	SUN RIVER DR X	15.1
4	UGY	14 8060	099	LOCK POND	24N	01E	11	TETON RIVER	2.5
4	UHO	18 8380	107	MARTINSDALE RES.	08N	12E	19BACC	MUSSELSHELL R	398.6
4	UGX	14 8250	073	MYRVOLD RES.	28N	02E	14	PONDERA COULEE	14.8
4	UHA	14 8420	099	OSTLE RESERVOIR	26N	08W	34	RINKER CREEK	15.6
4	UGQ	14 8440	099	OUR LAKE	24N	09W	18	SO FK TETON RIVER	5.6
4	UGO	20 8000	049	RENSHAW LAKE	20N	10W	01	RENSHAW CK-FAIRVIEW CK	1.8
4	UFV	16 7920	045	RHODA LAKE	14N	09E	16C	DRY WOLF CREEK	1.4
4	UGN	20 8150	049	SOCK LAKE	24N	11W	30	RED SHALE CK	4.1
4	UH1	20 8200	099	SPLIT ROCK LAKE	22N	07W	17ADB	SUN RIVER	66.5
4	UGV	14 9080	099	STEPHENS RES #1	24N	02E	09	TETON RIVER	1.3
4	UGU	14 9081	099	STEPHENS RES #2	24N	02E	18A	TETON RIVER	1.3
4	UGT	14 9091	015	STEWART RES. # 1	27N	06E	07B	DUG OUT COULEE	.7
4	UGB	16 8450	045	SURPRISE CREEK RES	16N	11E	17BA	SURPRISE CREEK	4.4
4	UG8	20 8300	049	SWAZEE LAKE	21N	08W	27D	N FK WILLOW CK	1.1
4	UIF	14 9160	073	SWIFT RESERVOIR	28N	10W	27ACC	BIRCH CREEK	201.6
4	UHB	14 9380	015	TUNIS RES.	24N	07E	28	TETON RIVER	4.8
4	UH9	20 8400	099	TUNNEL LAKE	22N	08W	23	SUN RIVER	5.2
4	UGS	14 9485	099	VAN HORN RES.	24N	02E	02	TETON RIVER	1.3
4	UFY	16 8918	015	WIGGER RES.	23N	04E	01A	TETON RIVER	.6
4	UF3	17 9860	013	WILLOW CR. RANCH RES.	19N	07E	03BCA	WILLOW CR.-MISSOURI R.	2.5
4	UIC	20 8500	049	WILLOW CR. RES.	21N	07W	24C	WILLOW CREEK	548.6
4	UHN	18 9500	069	YELLOW WATER LAKE	13N	26E	07BDD	YELLOW WATER CR	78.2
5	UD1	22 7518	009	COONEY RESERVOIR	04S	20E	35ACD	RED LODGE CREEK	311.4
5	UDY	22 7714	009	EAST ROSEBUD LAKE	07S	17E	29CDCC	EAST ROSEBUD CREEK	57.9
5	UDU	22 8045	009	GREENOUGH LAKE	09S	19E	08CCC	ROCK CREEK	0.3
5	UDQ	22 7112	067	LAKE ABUNDANCE	08S	14E	32DBCC	ABUNDANCE CREEK	17.6
5	UD3	18 8230	107	LEBO LAKE	06N	13E	01A	SPRING CR BIG ELK CR	127.1
5	UDX	22 9763	009	WILD BILL LAKE	08S	19E	03CAC	NONE TO W FK ROCK CR	1.3
6	UJF	15 4535	041	BAILEY RESERVOIR	31N	12E	01	SAGE CREEK	35.3
7	URF	21 1870	021	BIG DROP RES.	13N	56E	09CB	CEDAR CREEK - YELLOWSTONE	1.5
7	URA	21 4624	087	KILLEN RES. #2-WILLIAM	12N	40E	24B	LT PORCUPINE CR -YELLOWST	12.0