

## **Bison Protection, C.J. "Buffalo" Jones, & Bison Reduction**

Yellowstone National Park is the only place in the lower 48 states to have a continuously free-ranging **bison** population since prehistoric times. By 1902, poachers reduced Yellowstone's small herd to about two dozen animals. The U.S. Army, who administered Yellowstone then, protected these **bison** from further poaching. **Bison** from private herds augmented the native herd. For decades, **bison** were intensively managed due to belief that they, along with elk and pronghorn, were over-grazing the park. By 1968, intensive manipulative management (including herd reductions) of **bison** ceased and natural ecological processes began. A number of state and federal agencies cooperate in **bison** management because **bison** carry a disease of concern to cattle producers.

**From:** <http://www.nps.gov/yell/naturescience/loader.cfm?csModule=security/getfile&PageID=504333>, an NPS brochure "About **Bison**".

### **C.J. "Buffalo" Jones, Charles J. Jones, Game Warden**

#### **LETTER BOX 14**

7100-7102--Monthly reports of NC **Jones** buffalo keeper 1907

7104--CJ **Jones** note that he is leaving 1905

7105--Game warden on buffalo: suggestion for ranch on Rose Creek: today's Buffalo Ranch 1905

7106--CJ **Jones** on mountain lions, reproduced in Schullery article.

7107-7113--CJ **Jones** on mountain lions and lynx and coyotes killed

#### **LETTER BOX 15**

7636--CJ **Jones** statements on soldiers are bogus 1906

#### **LETTER BOX 97**

File "C. J. **Jones** 1902"

#### **Box H-19**

File "H18 Biographical Data and Accounts, 1954-1962"

Correspondence and memoos. Includes materials regarding: requests for copies of personal papers of Nathaniel P. Langford, Samuel T. Hauser, 1962, "Uncle Tom" Richardson, 1959, Warren Caleb Gillette, Daniel T. Potts, 1958, Mushbach diary, W.H. Jackson diaries, ..., 1961; tentative listing of Yellowstone scouts, 1961; early service of Clarence Scoyen, 1961; inquiries regarding **C.J. Jones** and buffalo program, 1961; loss of "J O R 1819" tree inscription, 1957

**Box H-1 File 171.1 (1931-1932-1933):** RE Stotts and Jessie **Jones** Phillips on CJ Buffalo **Jones**.

**Box H-2 File "Letters Regarding History of YNP" [1925-1957]:** Garrison to Albert Easton 5/8/57 on CJ Buffalo **Jones**

## Bison Reduction

### **Box A-169--Conferences, meetings, cooperative agreements 1968**

"A42-Cooperating Associations, 1968." [Memos regarding the Elk management cooperative program, forest fire control, **Bison** reduction, state University of New York.]

### **Box K-61-- Motion pictures, films 1940-1953**

File "503-10 Motion Pictures and Films Part 4, January 1, 1948 to December 31, 1950"

This file contains correspondence about producing, duplicating, loaning, showing, editing, and selling films about Yellowstone (wildlife, **bison** reduction, geology, park scenery) and other topics (fire control training, motor vehicle operation). Included are letters and memos to/from: Edmund Rogers (Yellowstone Superintendent); David Condon (Chief Yellowstone Naturalist); NPS Director; NPS Regional Director.

### **Box N-9--Monthly Game Ranch reports, 1937-1939; wildlife reports, 1957-1964.**

File "N16 Wildlife Management: General 1963"

It includes: "1963-1964 Northern Yellowstone Wildlife and Range Management Plan"; "Long-Range Management Plan for Northern Yellowstone Wildlife and Range"; "Wildlife Management Background Information"; "Wildlife Management Report 1962-63" (elk and **bison** reduction) photos included; letters from West Yellowstone citizen protesting Yellowstone's wildlife management; "Wildlife Management in the National Parks" (aka "Leopold Report"), with comments of NPS, Bureau of Indian Affairs, and Bureau of Sports Fisheries & Wildlife on the report,; general descriptions of Yellowstone's common large animals; letters protesting Yellowstone's elk management; "Wildlife Management in the National Parks, Midwest Region", by Walter H. Kittams.

This file also includes correspondence on: wildlife and range management programs; wildlife management report for 1962-1963 (elk and **bison** reduction and studies); management responsibility of surplus park wildlife and disposition of meat from animals killed in reduction programs (issues of NPS/State jurisdiction); transplanting of elk to Indian lands; Northern Yellowstone wildlife and range management plan 1963-64; fisheries regulations and wildlife issues; agency cooperation in wildlife management; training session for range study and management; controversy surrounding elk reduction and other wildlife management (bears and **bison**); a bill to prohibit the destruction of wild birds and animals in Yellowstone for the purpose of controlling their numbers; funds for wildlife management; wildlife control discussions at North American Wildlife Conference. Most correspondence is to/from: NPS Director, Regional Director, Yellowstone superintendent, Yellowstone biologists.

### **Box N-11--Research Division: Management (cont'd); Chief Ranger's Office Monthly Reports, 1935-1946 ; Biologist's Monthly Reports, 1959-1966.**

File "A28 Biologist's Monthly Reports Jan. 1959-Feb. 1966"

Reports Missing: Jan. 1963, Jan.-Feb. 1962, Dec. 1961, May 1960, Dec. 1959.

The monthly reports are organized by the following topics:

General: includes observation on weather, travel trends, important visitors, unusual and interesting events involving employees and their families.

Administration: includes mention of appointments, transfers, promotions, and other personnel changes affecting permanent positions; training activities, special recruiting problems, etc. Also covers accidents involving visitors, employees, and equipment.

Conservation, Interpretation, and Use: Covers research and wildlife observations, park protection, forest fire protection, insects and tree diseases, building fire protection, sanitation, wildlife and fish cultural activities, maintenance, concessions, complaints.

Resource Planning: cooperation with other Federal, State, or local agencies; work done by or for non-government agencies.

Public Affairs: general publicity and public relations.

### **Box N-13**

File "Dead Animal Record 1929-1931"

File "715-00.3 Individual Reports of Dead Animals 1937-1940"

File "715-00.3 Individual Reports of Dead Animals 1939-1940"

File "715-00.3 Individual Reports of Dead Animals 1941-1943"

File "Dead Animal Counts (other than winter kill elk) 1954-1963"

File "Reports on Dead Animals 1959-1965"

File "District Report on Dead Animals 1937-1962 (Tower Falls/North District)"

### **Box N-22**

File "Improvement of **Bison** Herd"

Includes memoranda and correspondence regarding a buffalo show herd on Pelican Creek Meadows; retaining breeding bulls and eliminating inferior bulls; management of the buffalo herd; method of selecting buffalo to be eliminated and suggestions for improving the herds; and **bison** trapping operation at Nez Perce Creek, 1962. Materials dated 1927-1962. Names included are Sam T. Woodring, Roger W. Toll, J. W. Emmert, Francis D. LaNoue, C. R. Morey, Jim Lyle, Dan Hawkins, and Charles V. Janda.

File "Buffalo Investigations & Reduction 1954-1962"

This file contains newspaper articles on an anthrax attack on buffalo in Hook Lake district in the Northwest Territories; Custer Park Buffalo source of income; and the buffalo hunt, 1955 style, from the Sunday World-Herald Magazine dated February 1955. Also included are memoranda and correspondence regarding buffalo reduction policy and procedures; a list of buffalo carcass orders filled; **bison** reduction at Custer State Park. Names included in this file are Lemuel A. Garrison, W. N. Holsworth, David de L. Condon, Harold O. Edwards, Howard W. Baker, Edmund B. Rogers, Moses Twobulls, and Martin Cross.

### **Box N-65**

61-62 Elk/**Bison** Reduction Program

Final Reduction Report, Winter 1960-61

Final Report--Wildlife Reduction Winter 1959-60

Final Report--Wildlife Reduction Winter 1958-59

Wildlife Reduction Annual Reports 1955-56, 1956-57, 1957-58

Reduction Report Drafts 1957-58

**Box N-79 --Wildlife 1919-1983**

Elk (**Bison**, Antelope, etc.) Census 1961

**Box N-115**

"H History of the **Bison** in YNP"

Many primary documents

"N16 WILDLIFE MGMT. --Traps (Elk and **Bison**) (1959-67)"

**Box N-158**

"1963-64 Wildlife Management Report" [no file number]

Contains reports on management, trapping and reduction of wildlife in park for 1963-64 winter, including photos.

"Resources Management Plan for Yellowstone National Park" [no file number]

Copy, resource management plan, dated 1970.

"Threats, Condensed" [no file number]

Copy, "Threats to the Values and Resources of Yellowstone Park", dated 1982.

File "**Bison**-Brucellosis"

**Box N-172**

"N1427-Wildlife, **Bison**, 1968."

**Box N-175**

"N1427-Wildlife, **Bison**, 1966."

**Box N-182**

"N1427-Wildlife, **Bison**, 1965."

**Box N-177--Wildlife 1954-1964**

"N1427-Buffalo Management-Live Requests, etc., 1961-62."

**Box N-178--Wildlife management 1954-1964**

"N1427-**Bison**, General Information & Requests for Hides, Horns, etc., 1954-1962."

"N1427-Buffalo Meat Requests & Disposal, 1954-1962."

**Box N-339--Copies of Yellowstone-related records from the National Archives and Records Administration (NARA), Central Plains Regional Office, Kansas City, Missouri.**

File "715-03 Annual **Bison** Reports"

This file is from Record Group 79, Records of the National Park Service, Region II (Midwest Region), General Files, Box 146. It contains annual reports (1936-1947) and related correspondence.

**Box N-340**

File "715-03 Buffalo-Brucellosis"

This file is from Record Group 79, Records of the National Park Service, Region II (Midwest Region), General Files, Box 146. It contains correspondence on: shipping live **bison**; brucellosis control (vaccination); reduction program; distribution of **bison** to Indian agencies; studies to determine possibility of brucellosis in pronghorn antelope and coyote. Most correspondence is to/from: NPS naturalists, biologists, Director, Regional Director, Yellowstone Superintendent, Office of Indian Affairs officials. Dates: 1945-1950.

This file also contains: "Report of Field Assignment at Yellowstone National Park, January 10-January 29, 1948" (by Don Coburn); "Report of Field Assignment at Yellowstone National Park, January 28-February 4, 1947" (by Don Coburn); "Report of Investigation of Brucella Abortus Infection in the **Bison** of the Lamar Valley Herd in Yellowstone National Park, January 2 to January 26, 1946" (by Don Coburn); "Laboratory Findings in Brucella Studies on **Bison** from Yellowstone Park" (by F. B. Queen and Robert Fleming, 1945); "Record of Live Shipments of Buffalo, 1908-1944" (by Hugh B. Ebert).

File "715-03 Buffalo Vol 1 September 1939 to December 1943 1 of 2"

This file is from Record Group 79, Records of the National Park Service, Region II (Midwest Region), General Files, Box 147. It contains correspondence on: brucellosis studies; reduction program; history of **bison** in Yellowstone; **bison** management. Most correspondence is to/from: NPS Director, NPS Regional Director, Yellowstone superintendent, biologists, veterinarians, representatives of wildlife and conservation organizations.

This file also contains "History of the **Bison** in Yellowstone Park" (by Curtis Skinner, Wayne Alcorn, W. Leon Evans, 1942, revised 1943).

File "715-03 Buffalo Vol 1 September 1939 to December 1943 2 of 2"

This file is from Record Group 79, Records of the National Park Service, Region II (Midwest Region), General Files, Box 147. It contains correspondence on: brucellosis studies; reduction program; history of **bison** in Yellowstone; **bison** management; distribution of carcasses to Indian agencies. Most correspondence is to/from: NPS Director, NPS Regional Director, Yellowstone superintendent, biologists, veterinarians, representatives of wildlife and conservation organizations.

This file also contains: "Special Report: Yellowstone National Park" (by Daniel Beard, Regional Biologist, Section on National Park Wildlife, 1941); "Special Report: **Bison** Management in Yellowstone National Park" (by Daniel Beard, 1940).

File "715-03 Buffalo Vol 2 January 1944 through December 1944 1 of 2"

This file is from Record Group 79, Records of the National Park Service, Region II (Midwest Region), General Files, Box 147. It contains correspondence on: brucellosis studies; reduction program; history of **bison** in Yellowstone; **bison** management; requests for **bison** from zoos. Most correspondence is to/from: NPS Director, NPS Regional Director, Yellowstone superintendent, biologists, veterinarians, representatives of wildlife and conservation organizations.

**Box N-341 Copies of Yellowstone-related records from the National Archives and Records Administration (NARA), Central Plains Regional Office, Kansas City, Missouri**

File "715-03 Buffalo Vol 2 January 1944 through December 1944 2 of 2"

This file is from Record Group 79, Records of the National Park Service, Region II (Midwest Region), General Files, Box 147. It contains correspondence on: brucellosis studies; reduction program; history of **bison** in Yellowstone; **bison** management; requests for **bison** from zoos and other institutions. Most correspondence is to/from: NPS Director, NPS Regional Director, Yellowstone superintendent, biologists, veterinarians, representatives of wildlife and conservation organizations.

This file also contains: "Special Report on Yellowstone National Park **Bison**: Summary of Investigations Made and Statistics Collected in Connection with the 1941 Reduction Operations" (by Curtis Skinner); "A Suggested Plan of Management for the Yellowstone Buffalo Herd" (by George Baggley, 1934); "Restoration of Wild **Bison**" (by Victor Cahalane, 1944); "Replies to Letters of Inquiry on Buffalo Reduction Program"; "Hemorrhagic Septicemia Studies" (article in Journal of the American Veterinary Medical Association by William Gochenour, 1925).

File "715-03 **Bison** Vol. 3 October 14, 1944 through 1 of 2"

This file is from Record Group 79, Records of the National Park Service, Region II (Midwest Region), General Files, Box 147. It contains correspondence on: **bison** census and populations; reduction program; shipment of carcasses; requests for **bison** from zoos and other institutions; distribution of carcasses to Indian agencies; brucellosis. Most correspondence is to/from: NPS Director, NPS Regional Director, Yellowstone superintendent, biologists, veterinarians, representatives of wildlife and conservation organizations. Dates: 1944-1952.

File "715-03 **Bison** Vol. 3 October 14, 1944 through 2 of 2"

This file is from Record Group 79, Records of the National Park Service, Region II (Midwest Region), General Files, Box 147. It contains correspondence on: reduction program; shipment of carcasses; requests for **bison** from zoos and other institutions; distribution of carcasses to Indian agencies; brucellosis. Most correspondence is to/from: NPS Director, NPS Regional Director, Yellowstone superintendent, biologists, veterinarians, representatives of wildlife and conservation organizations. Dates: 1944-1948. This file also contains: 1948 annual **bison** report; "Special Report: Removal of **Bison** Carcasses from Yellowstone River, May 6-8, 1946" (by Curtis Skinner, photographs included); "Buffalo: Wild or Tame?" (article in American Forests by Victor Cahalane, 1944").

#### **Box N-344--Copies of Yellowstone-related records from the National Archives and Records Administration (NARA), Central Plains Regional Office, Kansas City, Missouri.**

These files are from Record Group 79, Records of the National Park Service, Region II (Midwest Region), General Files, Box 150.

File "720-04 Wildlife (General) 1 of 2"

This file contains correspondence on: mammal survey; various wildlife studies; termination of bear feeding and removal of related facilities; Buffalo Ranch; shipment of surplus animals; wildlife populations and census; influence of airplanes on park wildlife; requests for surplus animals; photographs and slides of wildlife; wildlife reduction programs; ear-tagging operations. Most correspondence is to/from: NPS Director; NPS Regional Director or Assistant Regional Director; Yellowstone superintendent; biologists; officials of wildlife, conservation, and hunting/fishing organizations; members of Congress. Dates: 1938-1949.

This file also contains: "This Wildlife Business" (paper by Curtis Skinner, 1946); "An Inspection of Wildlife Conditions: Yellowstone National Park, January 12-22, 1943" (report by Victor Cahalane, includes photographs).

File "720-04 Wildlife (General) 2 of 2"

This file contains correspondence on: wildlife populations and census; hunting outside the park; distribution of elk carcasses to Indian agencies; bear management; migration of **bison** from the Crow Indian Reservation; shipment of surplus animals; rodent control; winter range studies; soil erosion; yellow perch in Goose Lake; revegetation projects; collection of parasites; bubonic plague. Most correspondence is to/from: NPS Director; NPS Regional Director or Assistant Regional Director; Yellowstone superintendent; biologists; officials of wildlife, conservation, and hunting/fishing organizations; members of Congress. Dates: 1935-1938.

This file also contains "Special Report on Plague" (by Russell Grater, 1936).

File "720-04 "Yellowstone National Park Range Studies, 1940"

This file contains a report (title is the same as the file name) by Walter Gammill.

File "720-04 Annual Wildlife Census Reports"

This file contains reports, 1935-1951, and related correspondence.

File "720-04 Winter Range Studies Special File"

This file contains excerpts from various winter range studies and related correspondence. Dates: 1936-1952.

#### **Box N-347--Bison and bighorn sheep, 1950s-1990s.**

File "**Bison**-Correspondence-Requests for **Bison**"

Contains correspondence to private and public individuals advising them that Yellowstone cannot disseminate or sell **bison** or **bison** skulls; some correspondence re: availability of **bison** meat, skeletons, hides, hoofs, robes, calves, horns; moose antlers, elk pieces, a grizzly bear, antelope. Includes letters to Santo Domingo Indian tribe of New Mexico. Correspondence dates from 1956 to 1994.

#### **Box N-368-Northern Range, vegetation, exclosures.**

Data related to Northern Range, vegetation, exclosures. From Bill Barmore, Research Biologist.

File "Chart Quadrat Data"

Contains charts, tables, calculations.

File "Overlapping Use of Winter Range"

Contains notes and charts on use of winter range by pronghorn, moose, elk, mule deer, bighorn sheep, and **bison**. Dates: 1967-1970.

File "Untitled binder"

Contains information on the elk management program, 1967. Includes fact sheet, reduction program information, 2 photographs of elk.

File "Range Analysis Handbook"

This is a handbook from the U.S. Forest Service, Region 2, April 1954.

File "Early Tables & Statistical Tests & Calculations, 1" Contains browse field forms, grass utilization forms, pellet group count records. Dates: 1966-1970.

File "Early Tables & Statistical Tests & Calculations, 2"

Contains notes and charts related to Parker Transects and exclosure studies. Dates: 1955-1969.

File "Early Tables & Statistical Tests & Calculations, 3"

Contains grass utilization forms and vigor measurement forms for exclosures; related charts and graphs. Dates: 1965-1967.

File "Early Tables & Statistical Tests & Calculations, 4"

Contains grass utilization forms for exclosures. Related charts and graphs also included. Dates: 1965-1966.

File "Early Tables & Statistical Tests & Calculations, 5"

Contains charts notes and graphs related to animal counts, winter ranges, animal mortality. Dates: 1967-1970.

**Box N-369--Copies of Yellowstone-related records from the National Archives and Records Administration (NARA), Central Plains Regional Office, Kansas City, Missouri.**

File "621 Soil & Moisture Conservation 1947 thru"

This file is copied from Record Group 79, Records of the National Park Service, National Parks and Monuments, Central Classified Files, Box 138. It contains correspondence related to soil and moisture conservation. Specific topics include: **bison** count; northern winter range photography; reforestation projects; campground projects. Most letters and memos are to/from: Yellowstone Superintendent; NPS Regional Director; Yellowstone biologists; NPS Director; Yellowstone landscape architect. Dates: 1947-1952.

File "N16 Book #1 Dec. 1952 to Jan. 1963"

This file is copied from Record Group 79, Records of the National Park Service, Region II (Midwest Region), General Files, Box N-7. It contains correspondence related to wildlife management. Specific topics include: hunting in national parks; wildlife reduction programs; feeding wildlife in the park; predator control; Wildlife Management Advisory Board; animal counts; wildlife research projects; 1080 stations (coyote control). Most letters and memos are to/from: Secretary of Interior; NPS Director; NPS Regional Director; members of Congress and their constituents; Yellowstone Superintendent; Yellowstone biologists and naturalists.

File "N16 Book #2 Jan. 1963 to Jan. 1964"

This file is copied from Record Group 79, Records of the National Park Service, Region II (Midwest Region), General Files, Box N-7. It contains correspondence related to wildlife management. Specific topics include: northern winter range; wildlife reduction programs; hunting near the park; funds for wildlife management; hunting in national parks. Most letters and memos are to/from: Secretary of Interior; NPS Director; NPS Regional Director; Yellowstone Superintendent; members of Congress and their constituents; NPS biologists.

File also contains: "Wildlife Management Background Information" (1963 report); minutes of Interagency Cooperative Elk Management Meeting on May 22, 1963.

**Box N-371-Copies of Yellowstone-related records from the National Archives and Records Administration (NARA), Central Plains Regional Office, Kansas City, Missouri.**

File "N1427 YELL **Bison**-Buffalo Aug. 1952-Jan. 1962"

This file is from Record Group 79, Records of the National Park Service, Region II (Midwest Region), General Files, Box N-13. It contains correspondence on: sale of live, surplus **bison**; trapping of **bison**; bids and contracts for trapping **bison**; **bison** reduction; **bison** census reports; distribution of **bison** carcasses to Indian agencies; request of **bison** carcasses for research and museum specimens; problems of brucellosis in shipment of **bison**; protest of alleged **bison** slaughter within the park. Most correspondence is to/from: NPS Director, Regional Director, Yellowstone Superintendent, biologists, representatives of wildlife and conservation organizations.

**Box N-384--Grass forage data, 1988; weather data, 1955-1988, wildlife surveys, 1992.**

File "Research"

This file contains documents regarding research on: bats (2002); blood of **bison** (no date).

**Box W-103**

File "Final Reduction Report 1961-62, Northern Yellowstone Elk Herd"

Contains report prepared by Robert E. Howe, Park Management Biologist. Issued May 17, 1962. Report contains sections on elk management program summary, weather, preliminary planning, hunter harvest north of the park, organization, live trapping operations, direct reduction. Report has the following documents inserted at front cover: 1963 memoranda on elk reduction; list of winter 1962-63 elk reductions; March 1963 news release on wildlife management; 1961 report on the Yellowstone River and Gallatin River elk herds; list of 1962-63 live elk shipments; 1936-1963 **bison** census; 1962 report on management of Northern Yellowstone wildlife and range.

File "Wildlife Management Report Yellowstone National Park 1962-63"

Contains "Final Reduction Report, 1962-63, Northern Yellowstone Elk Herd," prepared by Robert E. Howe, Park Management Biologist (issued August 30, 1963); "Final Reduction Report, 1962-63 **Bison** Herds, Yellowstone National Park," prepared by Robert E. Howe (issued September 6, 1963).

**Walter Kittams papers.**

File "INTERIOR **BISON**"

Contains: handwritten and typed materials. Letters to Regional Director from YNP Superintendent concerning the plans to reduce **bison** (1950s) and other **bison** management topics-these have reports attached from Kittams and his **bison** study; statistics on **bison** reduction; memorandum and references to aerial counts of **bison** 1949-1950s; "Preliminary Report on Hayden Valley **Bison** Range" prepared by Walter H. Kittams July 1949.

File "LAMAR **BISON**"

Contains: handwritten notes (clipped together) concerning slaughter numbers 1948; copies of typed memorandum; handwritten notes assorted topics including kills 1950, Bang's disease tests 1950, live buffalo shipments 1948, notched 2 yr olds not handled in 1947, and Jan. 1948 Brucella abortus plate tests; typed list of blood sample listings Lamar **Bison** herd 1950; copy-"A Report on Brucellosis Investigations Yellowstone National Park December 1 to 20, 1944" by Erling R. Quortrup.

Map References:

Yellowstone National Park Buffalo Ranch	11/13/1933	NPS, DOI	Hand colored. Drawn by Egan Goodacre.
Northern Yellowstone Bison Winter Range	[n.d.]	Copyright Stan Hoggatt. Artwork and map drawn by Bob Bolin.	Subtitled "A Map showing where some impairment of the natural environment due to roads, utility lines, and abandoned facilities still exists. Existing facilities in developed areas not shown." Scale 1:15,000, NP-Yel # 6316. Shows over 200 alterations to the natural landscape caused by humans. Photocopy of original map with about 2 inches cut off of left side of map.
Standards for Trail Construction	1934		Map depicts bison winter range, winter migration route, roads and rivers, park boundaries, and privately owned land. Map is undated; scale 1":1 mile.
Animal Habitat Management Plan	[n.d.]		on plastic; shows bison and elk ranges, dalmation toadflax control areas
Proposed Construction Projects Listed by Areas for YNP	[n.d.]	TW Services	Some water damage Has tabs Department of Interior, National Park Service no date, but CCC era lists projects: miscellaneous, outlying campgrounds, outlying picnic areas, roadside drinking fountains, outlying observation platforms, outlying roadside field exhibits, roadside parking areas, outlying ranger stations, patrol cabins, outlying government utility areas, road major and minor roads, trail projects, fire control, telephone and radio, inset control, fish and wild life, game ranch, North Entrance, Mammoth, Norris Junction, Madison Junction, West Entrance, Gallatin, Bechler River, Old Faithful, West Thumb, South Entrance, Lake and Fishing Bridge, East Entrance, Canyon, Tower Fall and Tower Function, Buffalo Ranch, Northeast Entrance.

"Buffalo Ranch Development"	[n.d.]	unknown	Four holes punched on left side, condition - fair.
"Buffalo Ranch Development-page 2"	[n.d.]	unknown	Four holes punched on left side, condition - fair, stain upper edge and through middle.
"General Development Plan for The Buffalo Ranch", part of the Master Plan for Yellowstone National Park	January 1, 1941	SH	YEL. NP/3307G, Four holes punched on left side, condition - fair, small tears along edges.
"Buffalo Ranch"	[n.d.]	unknown	Four holes punched on left side, unused fold on right side, condition - fair.
"The Buffalo Ranch Utilities Layout", part of the Master Plan for Yellowstone National Park	[n.d.]	Branch of Engineering	NP-YEL/5130-D Four holes punched on left side, condition - fair, small tears along edges.
Yellowstone National Park Buffalo Crate Medium Size	6/23/34	Welton Becket and Associates, Architects . Engineers	YEL NP / 8630 Standard Plans
Northern Yellowstone Bison Winter Range	[n.d.]		36/6.0012 in upper right corner. Pulled 5 duplicates for disposal.
Yellowstone National Park Buffalo Ranch	11/13/1933	NPS, DOI	Field map by Egan Goodacre, and traced by George Christiansen
Bison Herd Areas and Routes	4/30/1968	M. Mehgar	
Bison Census and Distribution 1944	1944	USGS, DOI	6.0020 in corner