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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE NO. 207-02.3

SUPERINTENDENT'S MONTHLY REPORT

MARCH 1951

	ROGERS	
✓	JOHNSTON	<i>JD</i>
✓	JOFFE	<i>JD</i>
✓	ANDERSON	<i>JD</i>
	STANTON	
	PULLAR	
✓	MATSON	<i>JD</i>
✓	CONDON	<i>JD</i>
✓	SKINNER	<i>JD</i>
	EVANS	<i>JD</i>
	UPDEGRAFF	<i>JD</i>
	BENCH	
	JAY	
✓	KITZMAN	<i>JD</i>
✓	WOLF BRANDT	<i>JD</i>
	ROBINSON	
	WIGGINS	
	McMULLEN	

IMPORTANT

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NEWTON B. DRURY,

Director.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
YELLOWSTONE NATIONAL PARK  
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

Summary of the March 1951 Monthly Narrative Report for  
YELLOWSTONE NATIONAL PARK

	<u>Page</u>
<u>WEATHER:</u> Precipitation near normal. Blizzards first of month. Minimum temperatures listed. Comparative snow depths.	1
<u>SPECIAL</u> <u>ACTIVITIES:</u> Rogers returned from Denver; trips to Bozeman. Johnston on annual leave.	1
Condon & Skinner on leave. Asst. Secy. approved request that NPS contribute to new Gardiner high school cost. Typist exam. Evans to meetings at Bozeman & Helena. Annual Report. Mattson on leave. Red Cross drive.	2
<u>INSPECTIONS:</u> Wm. Cummings, U.S.G.S, and Barnes MacDonald, Region Two Highway Engineer, in.	2
<u>IN-SERVICE</u> <u>TRAINING:</u> Weekly News.	2
<u>PUBLICITY:</u> No releases. 160,000 broadsides on hand.	2
<u>PLANS, MAPS AND</u> <u>SURVEYS:</u> Preliminary drawings Lake sewer system and Fishing Bridge campground sewer line extensions sent U.S.P.H.S. Hursh transferring to Crater Lake. Hursh & Rowe on leave end of month. Wohlbrandt away week due death of father. MacDonald assisted with road estimates.	3
<u>MAINTENANCE:</u> Snow plowing. Small maintenance crew at Mammoth. 2 plows painted; signs repaired & painted. Frost boils & cracks bad. Spring plowing to start April 9. Above-normal snow; not icy. Dozer received. Contract awarded for Adams grader and rotary snowplow.	3
<u>CONSTRUCTION:</u> South road projects dormant. Active projects listed.	4
<u>CONCESSIONERS:</u> Y. P. Co. shops re-opened 1st. Trips in by Mr. Haynes, family & niece. Approval hotel & cabin rates. Y. P. Co. folders reviewed. Hamilton contract extension approved.	4
<u>RELIGIOUS SERVICES</u> <u>AND CHAPEL USE:</u> Sunday School, Bible class, church, Easter services, Sunday School picnic, lecture at Chapel.	5

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YELLOWSTONE NATIONAL PARK

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	<u>Page</u>
<u>INTERPRETIVE SERVICES:</u>	Trail label work. Announcement cards for publicizing interpretive activities. 5
<u>MUSEUM ACTIVITIES AND EXHIBITS:</u>	Preparation museum survey cards 5
<u>RESEARCH AND OBSERVATION:</u>	Seas. Naturalist Hennessy here for interpretive program material for thesis. Changes in activity Mammoth terraces. Animals shedding antlers. 5
<u>NATURAL HISTORY ASSOCIATION:</u>	Books ordered. Multilithing done; supplies ordered. 6
<u>INCREASE OR DECREASE IN TRAVEL:</u>	427 vehicles, 1270 persons; 670 vehicles, 1846 persons March 1950; decrease due weather. 6
<u>RANGER SERVICE:</u>	Trail map, estimates, accident analysis, bison & elk census, fire inspection, lost & found property, ski patrols, etc. 6
<u>VISITORS:</u>	Judge and Mrs. B. K. Mankiewicz in. 6
<u>WILDLIFE: ELK:</u>	Trapping ceased 2nd. 2,300 removed from herd during winter, listed. Some out of park. 7
<u>BISON:</u>	Feeding to help trapping next winter. 7
<u>BEARS:</u>	Bear seen. Four 2-wheel bear traps being made. 7
<u>FOREST FIRE PROTECTION:</u>	Chapman at Omaha re training aids. Offers to fire control aids. Details & info for West Yell. smokejumper unit. Civilian Defense Report. 8
<u>TRAILS:</u>	1952-53 horseback trails estimates; trail map. 8
<u>GROUND AND HORSE EQUIPMENT:</u>	Work on horse trailers. Maintenance other equipment. 8
<u>BUILDING FIRE PROTECTION:</u>	Hazard inspections. Many extinguishers defective. 9
<u>ACCIDENTS:</u>	One auto accident, due snowstorm. 9
<u>LAW ENFORCEMENT:</u>	No cases. Commissioner still away, expects to return mid-May. 9
<u>DEATHS:</u>	Suicide of Frederick A. Olson, Y.P.Co. employee. 9
<u>PERSONNEL:</u>	Eldon Tyson resigned. Transfer Elmer Armstrong to Rainier and Robert Hursh to Crater Lake. Lucinda Dore returned from furlough. Robert H. Robinson to FBI and Dennis Hess to Land Management. Lloyd Winkle promoted to Mixed Gang Foreman. Betty Thomas & Marjorie Proper Clerk-Typists. 9-10
<u>MISCELLANEOUS:</u>	NFFE meeting, bingo party. AFGE meeting. 10



Report 1ml

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
YELLOWSTONE NATIONAL PARK  
YELLOWSTONE PARK, WYO.

ICE OF THE SUPERINTENDENT

April 6, 1951

Memorandum

To: The Director

From: Superintendent, Yellowstone National Park

Subject: Monthly Report for March 1951

Following is the report of activities for Yellowstone National Park during the month of March 1951.

Weather Conditions. Precipitation during the month more closely approached the normal than the 0.55 inch during the month of February. Total precipitation for the headquarters area was above the past four-year average with 1.85" for 1951 as compared with 1.60" for 1950; 0.87" for 1949; 1.46" for 1948; and 1.35" for 1947. Severe blizzards during the first ten days of the month accounted for most of the snowfall.

Minimum temperatures over the park were recorded during the blizzard on the 11th and read as follows: West Yellowstone,  $-35^{\circ}$ ; Northeast Entrance,  $-25^{\circ}$ ; Lamar,  $-17^{\circ}$ ; and Mammoth  $-12^{\circ}$ .

Comparative snow depths from various locations in the park at the close of the month are listed as follows:

	<u>1951</u>	<u>1950</u>	<u>1949</u>	<u>1948</u>	<u>1947</u>	<u>1946</u>
Gallatin	22	25	21	28	-	43
Lamar	7	5	18	22	8	10
Mammoth	5	5	11	8	4	12
Northeast Entrance	38	33	47	38	33	25
Tower Fall	23	18	28	28	13	18
West Yellowstone	45	49	42	40	38	39

Special Activities. Superintendent Rogers left Denver on March 8 to return to the park, arriving here on the evening of the 9th. He made trips to Bozeman on the 20th and 29th to visit the library there in connection with his project covering the legislative history of National Park Service areas and to confer with Mr. J. E. Haynes regarding various park matters. While in Bozeman on the 29th he also attended a portion of the meeting of the Montana Rural Firefighters Service.

Assistant Superintendent Johnston started on annual leave on March 16 for a visit to Utah and California, expecting to return April 4.

UNITED STATES  
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YELLOWSTONE NATIONAL PARK  
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

March 10, 1937

Mr. [Name]

Dear Sir:

Reference is made to your letter of [Date]

concerning [Subject]

In reply to your letter of [Date] regarding [Subject]

I am sorry that I cannot give you a more definite answer at this time. The [Subject] is being reviewed by the [Department] and it is expected that a final decision will be reached by [Date].

Very truly yours,  
[Signature]

[Name]  
[Title]

Year	1936	1935	1934	1933	1932	1931
Admission	100	120	150	180	200	220
Food	50	60	70	80	90	100
Transportation	30	40	50	60	70	80
Other	20	30	40	50	60	70
Total	200	250	320	400	480	560

Special activities, organized tours, etc. have been held to attract the public during the winter months. It is hoped that the [Subject] will be completed by [Date] and that the [Subject] will be [Subject].

Very truly yours,  
[Signature]

Park Naturalist Condon returned to the park on March 2 from Vernal, Utah, where he was called due to the death of his father-in-law. He was on annual leave from the 13th to the 29th on a vacation trip to California.

Chief Ranger Skinner was on annual leave from March 5 to 22 during which he visited in California.

On March 7 Assistant Secretary Doty approved a request from the Gardiner School Board for the National Park Service to contribute funds on a prorata basis toward construction of the Gardiner High School which funds were not to exceed 19% of the total construction cost or approximately \$53,881, payment to be made from first revenue collections available.

The Local Civil Service Board held an examination for Typist on March 8 with one competitor.

Assistant Chief Ranger Evans attended the regular annual meeting of the Southwestern Sportsmen's Association in Bozeman on March 11. On March 19 he attended a Federal Cooperation meeting with the Montana State Fish and Game Commission in Helena.

The annual report for the park for the fiscal year 1950 was issued in final form during the month and copies were distributed on March 23.

Resident Landscape Architect Mattson departed on March 28 on annual leave, to be gone until April 4.

The Red Cross drive conducted in the park during the month resulted in the collection of \$175.44 which was turned over to the Park County Chapter, Livingston, Montana. Park Naturalist Robert F. Upton was in charge of the drive in the park.

Inspections. Mr. William Cummings of the U. S. Geological Survey, Boise, Idaho, in March 8 to inspect water gauges.

Barnes MacDonald, Highway Engineer, Region Two, in Gardiner March 5 to assist with preparation of 1952 Roads and Trails Maintenance Plans and Estimates; departed March 15.

In-Service Training. The Weekly Newsletter was issued each Thursday during the month to keep employees, concessioners and others currently informed on park happenings.

Publicity. No press releases were issued from the park during the month.

A total of 160,000 Yellowstone broadsides for 1950 remained on hand at the end of the month.

Chief Ranger Skinner was on annual leave from March 2 to 21 during which he visited in California.

On March 7 Assistant Ranger [Name] was on annual leave from March 2 to 21 during which he visited in California.

The Gardiner School Board for the National Park Service to contribute funds on a pro rata basis toward construction of the Gardiner High School which funds were not to exceed 10% of the total construction cost of approximately \$22,000, payment to be made from first revenue collection available.

The local Civil Service Board held an examination for rangers on March 8 with one candidate.

Assistant Chief Ranger Evans attended the regular annual meeting of the Southwestern Foresters' Association in Bosman on March 11. On March 19 he attended a Federal Convention meeting with the Montana State Fish and Game Commission in Helena.

The annual report for the year for the fiscal year 1935 was filed in final form during the month and copies were distributed on March 23.

Headquarters landscape architect [Name] departed on March 23 on annual leave to be one until April 1.

The Red Cross drive conducted in the month during the month resulted in the collection of \$15.44 which was turned over to the Park County Chapter, Livingston, Montana. Park Ranger Robert A. Upton was in charge of the drive in the park.

Mr. [Name] District Game Warden of the U. S. Department of Survey, Boise, Idaho, in March 8 to inspect winter ranges.

James McDonald, Highway Inspector, Region Two, in March 8 to assist with preparation of 1935 books and trails maintenance plans and estimates; departed March 11.

In-service Training. The weekly newsletter was issued each Thursday during the month to keep employees, conscientiously and of course currently informed on park happenings.

Publicity. No news releases were issued from the park during the month.

A total of \$67,000 Yellowstone proceeds for [Name] on hand at the end of the month.

Plans, Maps and Surveys. Preliminary drawings of the Lake main sewer, dosing tank and filter bed were sent to the U. S. Public Health Service Office in Denver for comments before making final drawings. The proposed sewer line extensions to serve the new Fishing Bridge campground were also sent to the Public Health Service for comments before final drawing.

Assistant Engineer Robert Hursh has accepted an appointment at Crater Lake National Park and will leave for that area the latter part of April. Both assistant engineers, Hursh and Rowe, were on annual leave at the end of the month.

Park Engineer Wohlbrandt was absent from the park from March 11 to 18 due to the death of his father in Lincoln, Nebraska.

Mr. Barnes MacDonald, Engineer from the Region Two Office, spent two weeks in the park assisting in writing up the annual road estimates and he was of considerable help.

Maintenance. Snow plowing continued the major operation during the month. It was necessary to use the rotary plow to open the road between Mammoth and Tower Fall after unusually high winds on the 6th and 7th. During the latter part of the month, graders were used to remove the accumulation of hard packed snow from the road around Mammoth and Cooke. By the end of the month the road surface was nearly all bare of snow.

A small maintenance crew was started on the Mammoth section March 19 and was used to open drains and clean up debris around the area.

Two additional snow plows were given the standard highway yellow paint treatment and a number of road warning signs repaired and painted.

As soon as the roads dry a little more the regular spring patching program will get underway. Frost boils and temperature cracks are much worse than last year.

Snow plowing operations are scheduled to start April 9. Latest reports indicate an above-normal amount of snow in most areas but the icy condition of last season is not expected.

During the month the park received the new TD-18 Dozer. Word was also received of the awarding of the contract for a new Adams grader and a new rotary snow plow.

The maintenance crew consists of three permanent employees and five temporary at the present time, all located at Mammoth.

Plans, maps and surveys. Preliminary drawings of the bridge, showing tank and filter had been sent to the U. S. Public Health Service Office in Denver for comment before making final drawings. The proposed sewer line extensions to serve the bridge campgrounds were also sent to the Public Health Service for comment before final drawing.

Assistant Engineer Robert Smith was assigned to assist at Greater Lake National Park and will leave in the latter part of April. Both assistant engineers, Smith and Cook, will leave at the end of the month.

Park Engineer Robinson was absent from the park from March 15 to 16 due to the death of his father in Lincoln, Nebraska.

Mr. James MacDonald, Engineer from the Region 7 Office spent two weeks in the park assisting in setting up the annual estimates and he was of considerable help.

Maintenance. Snow plowing continued the regular operations during the month. It was necessary to use the rotary plow to open the road between Mammoth and Tower Hill after unusually light snow on the 23rd and 24th. During the latter part of the month, workers were used to remove the accumulation of hard packed snow from the road around Mammoth and Cooke. By the end of the month the road surface was nearly all clear of snow.

A small maintenance crew was started on the Mammoth section. March 19 was used to open drainage and clean up debris around the area.

Two additional snow plows were given the standard highway yellow paint treatment and a number of road warning signs repaired and painted.

As soon as the roads dry a little more the regular winter patching program will get underway. Road holes and potholes are much worse than last year.

Snow plowing operations are scheduled to start April 1. Reports indicate an above-normal amount of snow in last season and the icy condition of last season is not expected.

During the month the park received the new T-12 plow. Work was also received of the awarding of the contract for a new snow plow and a new rotary snow plow.

The maintenance crew consists of three permanent employees and five temporary at the present time, all located at Mammoth.

New Construction. The two going road construction grading and base surfacing projects on the South Approach Road were dormant during the month. Construction projects active during the month consisted of the following:

Account 231.01, Repair heating plant, Building 34.--This job was accomplished by contract and is complete except for some backfill to be placed over the fuel lines when weather permits.

Account 231.02, Repair heating plant, Building 13.--Under contract and awaiting warm weather before starting.

Account 231.03, Re-roof Building No. 20, Storage Shed.--Work 95% complete. Will finish as soon as weather warms up.

Account 231.04, Re-roof Building No. 21, Storage Shed.--Material on hand. Will complete as soon as weather warms up.

Account 231.05, Reroof Building No. 22, Plumbing Shop.--Work 95% complete. Will finish as soon as weather warms up.

Account 323.08 and 323.10, Walks, Barriers, Gratings and Signs in Thermal Areas.--Project about 80% complete. Will finish as soon as roads out in the park are opened.

Account 333.01, Campground Extension, Fishing Bridge and Old Faithful.--Project 75% complete; tables and fireplaces will be placed when roads out into park are open.

Concessioners. The Yellowstone Park Company re-opened its shops at Gardiner on March 1, they having been shut down on December 1, 1950, due to uncertainty of operating conditions for the 1951 season.

Mr. J. E. Haynes and his niece, Winifred Arnold, of Hawaii, a former employee of the park, visited at Mammoth on March 3. Mr. Haynes made another visit to the park on the 14th and 15th to confer with the Superintendent on the renewal of his contract, and on March 28 Mr. and Mrs. Haynes and their daughter Lida paid a visit to Mammoth.

On March 9 advice was received of the approval of the hotel and cabin rates for 1951 for the Yellowstone Park Company. They were approved February 27, 1951.

The Yellowstone Park Company's "A" and "B" folders were reviewed during the month and sent to the printer for publication. The "Accommodations and Services" leaflet for 1951 was also reviewed and copies were to be made available on April 2. This publication is printed in the Company's print shop at Mammoth.

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On March 19 Assistant Secretary Doty approved the extension of the Hamilton Stores, Inc. Contract I-lp-627 for one year from December 31, 1950.

Religious Services and Chapel Use. Regular Sunday School services were held each Sunday morning at 10:30 a.m. with the exception of Easter Sunday. These services have been well attended by the children of the community and more adults are participating. Park Naturalist Upton has instigated an adult Bible class which has been well attended.

The Rev. E. A. Syms of Livingston, Montana, conducted non-denominational Protestant services on the 11th and 25th of March. He provided the sermon for the special Easter services in the Yellowstone Park Chapel at 6:00 a.m. on the 25th. This service was under the direction of the Yellowstone Park Sunday School organization, was very inspirational in character and was well attended by the residents of the community and adjacent areas.

The community conducted in the Yellowstone Park Chapel on the evening of Good Friday a special service.

The Mammoth Community Sunday School held their annual picnic at the Lamar Unit on Saturday the 3rd. The day was a delightful one and all those participating in the picnic had an unusually interesting time.

Mr. Milford Franks, Professor of Education and Psychology at the Montana State College presented a lecture in the Yellowstone Park Chapel on "How Children Learn". This was part of the regular Library Board lecture series, and was held on the 27th.

Interpretive Services. Park Naturalist Upton during the month spent some time working on self-guiding nature trail signs and labels.

A program was laid out for the proper publicizing of the interpretive services for the 1951 season through the appropriate placement of informational signs announcing the program activities which will be available to the park visitor. A total of 76 such sign announcements are planned to be mounted, framed and placed at strategic points.

Museum Activities and Exhibits. Considerable work was accomplished on the preparation of museum survey cards for submission to the Director's office and mimeographed copies of these forms were made so that records could be retained in the Yellowstone Park files.

Research and Observation. Former Park Ranger Naturalist Wallace Hennessy is preparing as his masters thesis the treatment of an analysis of the interpretive program and services of Yellowstone National Park. Mr. Hennessy was in Yellowstone on the 14th, 15th and 16th using our library to get additional data for inclusion in this paper. At that time he was given assistance by members of the local staff.

1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

2. The second part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of chairman and vice-chairman. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

3. The third part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of secretary and treasurer. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

4. The fourth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of clerk and recorder. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

5. The fifth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of auditor and comptroller. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

6. The sixth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of assessor and collector. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

7. The seventh part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of surveyor and engineer. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

8. The eighth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of judge and justice. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

9. The ninth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of sheriff and coroner. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

10. The tenth part of the document is a list of the names and addresses of the members of the committee who have been elected to the office of clerk and recorder. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

Park Naturalists Watson and Upton made one field trip over the Mammoth Hot Spring Terraces on March 23, and at that time observed a number of changes of special significance in the distribution of the hot springs there. One change of pronounced significance was the development of four new vents near the road between Cheops Mound and the Buttress. This area has been dormant for many years although there is physical evidence of former hot spring activity. In conjunction with this change, or increase in activity, there has been a marked decrease in activities along the Narrow Gauge Terrace which at the present time is almost dormant. This particular terrace was very active during the year 1950.

The majority of the bull elk and buck deer in the vicinity of Mammoth have shed their antlers by the close of the month and many were going around the community with rather defected looks due to their apparent embarrassment because of the loss of the magnificent appendages which once adorned their brows.

Natural History Association. The Executive Secretary of the Association by the close of the month has ordered book stocks for sale at information desks from many of the publishers and shipments of these books have been received. Other orders are expected to be filled during the month of April.

The Association's multilith was used in the preparation of reports, the printing of the cover for the Superintendent's annual report and for other purposes. In addition to this, supplies in the form of paper, ink and ribbons were purchased for this machine.

Increase or Decrease in Travel. Travel was slightly ahead of last month with a March recording of 427 vehicles and 1,270 passengers as compared with 390 vehicles and 1,221 passengers for February. However, March travel for this year was 31.0% behind the 670 vehicles and 1,846 passengers of March 1950. The severe storms of the first ten days of the month undoubtedly contributed to the decrease of March 1951 travel.

Visitors. Judge B. K. Mankiewicz, U. S. Board of Parole, Department of Justice, Washington, D. C., with Mrs. Mankiewicz, in March 21 for trip along north side of park.

Ranger Service. Considerable work was accomplished on the revision of the park trail map and the preparation of the trail maintenance estimates during the month. The traffic accident analysis of the 1950 season was completed and a good start was made on cataloguing the dead files for previous years.

The elk trapping activity for the purpose of live animal transplant was terminated on March 2. A bison census of the northern winter range was conducted on the 1st and an elk census north of the park boundary was conducted on the 27th.

The first part of the report deals with the general situation of the country and the progress of the work done during the year. It is followed by a detailed account of the various projects and schemes which have been carried out, and a summary of the results achieved. The report concludes with a statement of the work planned for the next year.

The second part of the report deals with the financial position of the organization. It gives a detailed account of the income and expenditure for the year, and shows how the funds have been applied to the various projects. It also includes a statement of the assets and liabilities of the organization at the end of the year.

The third part of the report deals with the personnel of the organization. It gives a list of the staff employed during the year, and a brief account of their work. It also includes a statement of the training and development of the staff, and a list of the names of the members of the organization.

The fourth part of the report deals with the general administration of the organization. It gives a list of the various committees and sub-committees which have been set up, and a brief account of their work. It also includes a list of the names of the members of these committees, and a statement of the work done by them during the year.

The fifth part of the report deals with the general progress of the work done during the year. It gives a list of the various projects and schemes which have been carried out, and a brief account of their progress. It also includes a list of the names of the members of the organization who have been involved in these projects, and a statement of the work done by them during the year.

The sixth part of the report deals with the general progress of the work done during the year. It gives a list of the various projects and schemes which have been carried out, and a brief account of their progress. It also includes a list of the names of the members of the organization who have been involved in these projects, and a statement of the work done by them during the year.

The seventh part of the report deals with the general progress of the work done during the year. It gives a list of the various projects and schemes which have been carried out, and a brief account of their progress. It also includes a list of the names of the members of the organization who have been involved in these projects, and a statement of the work done by them during the year.

The eighth part of the report deals with the general progress of the work done during the year. It gives a list of the various projects and schemes which have been carried out, and a brief account of their progress. It also includes a list of the names of the members of the organization who have been involved in these projects, and a statement of the work done by them during the year.

Building fire hazard inspections were completed in the headquarters area during the month. The Lost and Found Property system for the park was re-organized and the 1950 law enforcement card index was completed. Work on the new forest fire training charts was completed during the month.

Ski patrols were made of the Lamar, Mammoth, West Yellowstone and Bechler Districts and roofs were shoveled on all buildings in the Districts. Snow course readings were obtained during the last few days of the month.

Wildlife and Fish Cultural Activities. ELK. Elk trapping operations were discontinued in the park on March 2. The Montana Fish and Game Department received 294 elk during the winter and other applicants received 18.

A total of 2,300 elk was removed from the northern Yellowstone herd during the winter of 1950-51, as follows:

Hunting in Park County, Montana . . . . .	.1,265
Direct control within the park. . . . .	476
Killed for scientific specimens . . . . .	5
Accidentally killed at traps or removed by miscellaneous causes. . . . .	25
Estimated mortalities including losses from starvation, old age, etc. . . . .	217
Shipped alive for transplanting or exhibition . . .	<u>312</u>
Total	2,300

A severe blizzard started on March 4 and continued through March 9. Generally stormy conditions prevailed during the first three weeks of the month and comparatively deep snow covered the winter range areas which had light snow until that time. Forage available to elk and other native grazing animals was seriously reduced and elk moved down country in search of food. On March 28, the District Forest Ranger and three District Park Rangers counted 1,595 elk on National Forest lands just north of the park. It was estimated that at least 2,000 elk were outside the park at that time.

**BISON.** On March 7, efforts were started to get bison to move from Horseshoe area to the Lamar Unit where they could be fed. These efforts were successful as 60 bison were being fed on March 11 and up to 160 after March 19. All of the bison left the feeding area on March 24 during a short period of warm weather. The feeding operation was carried on as a necessary preliminary to baiting the animals into the corrals next winter.

**BEARS.** On March 20 park rangers observed a bear in the vicinity of Fawn Creek. The distance was too great to determine the species of the animal.

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The Mechanical Division commenced building four two-wheel axle trailers for the bear traps. One trap and trailer was complete by the end of the month and it is anticipated that four improved outfits will be ready for use next summer. The four-wheel trailers, in use previously, were considered unsafe for further use on park roads.

Forest Fire Protection. During the first ten days of March Assistant Chief Ranger Chapman in charge of Forest Management was at the Regional Office in Omaha on detail for the purpose of assisting in the preparation of training aids to be used in training fire protection personnel. Drawings were made for fire boss, camp boss and compass plans. The Army Engineer's Office in Omaha cooperated in the duplication of material submitted to them.

Offers of employment were sent to 20 fire control aid applicants during the month and acceptances were received from 8 of them.

Details concerning the smokejumper unit for West Yellowstone were worked on. Information concerning position descriptions and payment of contract plane service was obtained from the U. S. Forest Service at Missoula.

The Civilian Defense Report for the protection of wild lands was resubmitted to the Regional Office and work was done on the preparation of a Bulldozer Zone Map.

Blister Rust Control. Replacement parts for the Hi-Fog applicators were ordered. Jobs were offered to 10 blister rust men during the month.

A roadside exhibit concerning the blister rust program was suggested to the Regional Office. This plan was favorably received and details of the plan are being worked out.

Trails. The final estimates for fiscal years 1952 and 1953 were prepared for all horseback trails in the park. The estimates this year were broken down into routine and special items. A priority number was assigned to each trail depending upon its importance and the condition of the trail. The park trail map showing the location of all horseback trails has been revised and brought up to date insofar as possible. It is planned to correct the location of the trails on the map even more this summer when field work permits and the completed trail location map will be submitted to the Park Engineer and the Region Two Office for final printing. Accurate trail mileages, as far as possible, will also be obtained.

Grounds and Horse Equipment. Two horse trailers have been rebuilt and the other horse trailers repaired for use this summer. Most of the riding and pack saddles and other equipment have been oiled and repaired. Considerable maintenance has been accomplished on the headquarters grounds equipment in preparation for the summer season.

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Building Fire Protection. All fire inspections of Government buildings at park headquarters were completed during the month. In this connection, a careful inspection was made of all extinguishers and defective ones were replaced with extinguishers in good condition. A large number of minor hazards which were noted at the time of the inspection were corrected immediately. Other hazards were noted and steps will be taken to correct as many of these as possible depending on the availability of personnel and funds. Before the submission of the annual building fire inspection report a follow-up inspection will be made to determine what hazards still remain. All hazards corrected will not be included in the annual report.

A comparatively large number of 1-quart and  $1\frac{1}{2}$ -quart carbon tetrachloride plunger type extinguishers were found to be defective and inoperative and beyond repair. Apparently the cause of breakdown of this type of extinguisher was due to the corrosive action of the chemical in the extinguisher itself and to a lesser extent to corrosive action of the air on the outside. The chemicals in the air around many sections of the park originating from the thermal areas rapidly tarnish and corrode the extinguishers and seal up the opening where the fluid is expelled. For this reason it is believed that the plunger type of extinguisher with a metal case will never be too effective and dependable. The cost of replacing these plunger type carbon tetrachloride extinguishers with new ones is also prohibitive. Thirty-five extinguishers of this type are now on hand to be surveyed.

Accidents and Public Safety. One Class "B" automobile accident occurred during the month. Two tourist cars collided in a snow storm on Highway No. 191 in the Gallatin area. There were no personal injuries.

Law Enforcement. There were no law enforcement cases during the month. U. S. Commissioner T. Paul Wilcox is still away from the park due to illness but expects to return to the park about the middle of May.

Deaths. Frederick A. Olson, Yellowstone Park Company employee, Gardiner, committed suicide on March 2 at the Yellowstone Park Company's bunkhouse at Gardiner, inside the park, by hanging. Mr. Olson was 60 years of age, had been a resident of Gardiner since 1930 and had been employed by the Company as a carpenter. He was buried in Mountain View Cemetery in Livingston.

Personnel. Eldon Tyson, Payroll Clerk, GS-4, resigned at the close of business March 2 to accept employment with the Yellowstone Park Company.

Elmer F. Armstrong, Mixed Gang Foreman, Ungraded, departed on March 5 for Mount Rainier National Park where he was to be employed as Construction and Maintenance Supervisor, CPC-9, effective at the close of business March 3, 1951.



Lucinda May Dore returned to duty from furlough as Clerk-Stenographer, GS-3, on March 5.

The reassignment and transfer of Robert S. Hursh, Engineer (Civil), GS-9, to the position of Civil Engineer, GS-9, Crater Lake National Park, was approved March 7. He expects to leave for Crater Lake about April 25.

Robert H. Robinson, Supervisory Park Ranger, GS-6, was separated on March 16 due to indefinite appointment with the Federal Bureau of Investigation.

Dennis E. Hess, Supervisory Park Ranger, GS-6, was transferred to the Bureau of Land Management, Medford, Oregon, at the close of business March 15.

Lloyd R. Winkle, Operator General (Mobile Power Equipment), Ungraded, was promoted to the position of Mixed Gang Foreman, Ungraded, vice Elmer Armstrong, on March 18.

Betty Jane Thomas and Marjorie C. Proper entered on duty as Seasonal Clerk-Typist, GS-3 on March 19.

Miscellaneous. The regular monthly meeting of the National Federation of Federal Employees No. 465 was held in the Canteen March 5. The Local sponsored a bingo party in the Canteen on the night of March 2.

The regular monthly meeting of the American Federation of Government Employees local was held in the Canteen on the 19th.

Edmund B. Rogers  
Superintendent

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