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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK

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MONTHLY REPORT

November 1940

IMPORTANT

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ARNO B. CAMMERER,
Director.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

December 5, 1940

Memorandum for the Director:

Following is the report of activities for Yellowstone National Park for the month of November 1940:

000 - General

010 - Unlike last year the month of November saw a number of storms and travel was interfered with early in the month. The East, South and Northeast roads were closed to motorists on November 4 and were not re-opened. Travel continued over the Gardiner-West Yellowstone road until this road was closed by the storm of November twenty-ninth. Throughout the month this section of highway was slippery and careful driving was necessary. Last year all of the roads were open and in good condition at the end of the month, and the only entrance which was closed was the Northeast entrance. It was necessary to send the snowplows to Old Faithful and the South entrance in order that the crews working in these areas might be taken out on the seventeenth. The month also saw several sub-zero temperatures. At West Yellowstone the temperature was 27 degrees below zero on November 12 and thirteenth.

020 - General Weather Conditions

November 1940 at Mammoth Hot Springs averaged 4.0 degrees under the normal temperature for the month, which is in marked contrast to the unusually warm month a year ago. Precipitation and total snowfall were slightly more than normal this November; compared to the dry series of fall months in recent years, the precipitation in November 1940 is the third largest amount in the last eleven Novembers. (see attached report).

The following snow depths were recorded at the close of the month:

Bechler River.....	28"	Mammoth.....	2.5"
Buffalo Ranch.....	4"	Northeast E.....	18"
Cascade Creek.....	32"	Old Faithful.....	14"
Gallatin.....	16"	Sportsmen's Lake..	14"
Lewis River Divide.....	40"	Tower Falls.....	4"
Madison Junction.....	9"	West Yellowstone..	16".

100 - Administrative

110 - Superintendent's Special Activities

Superintendent Rogers went to Billings, Montana, on November 1 to attend the Dude Ranchers Convention, returning to the park on the second. On November 12 he made a trip to Billings to meet Herbert E. Kahler, Chief of the Historic Sites Division, and proceeded with him the next day to the Custer Battlefield National Cemetery, returning to Mammoth that night. On November 26 he left by car for a trip to Denver and the Regional Office at Omaha, expecting to return about December 4 or fifth. The remainder of the month was spent in the park.

Assistant Superintendent Emmert was on leave from October 25 to November eleventh.

120 - Park Inspections

Herbert E. Kahler, Chief of the Historic Sites Division, National Park Service, Washington, in North 13; out North fifteenth.

150 - Plans, Maps and Surveys

Utility plans were drawn on the Fishing Bridge cabin area, topography drawn up on the Bechler River survey, and the Old Faithful area map brought up to date. Grade stakes were set on the Mammoth service road.

160 - General Publicity

Several press releases with regard to road conditions and arrests were sent out during the month.

The dummy for the 1941 booklet for Yellowstone National Park was mailed to the Director on November 23. The Motorists Guide and the Circular of General Information booklet previously issued for the Yellowstone have now been combined into one publication for this park.

200 - Maintenance, New Construction and Improvement

210 - Maintenance

Considerable snowfall required numerous snowplow trips to keep the roads open for completion of work on the Snake River ranger station and for the road contractor's trip between Tower and Canyon. Several large rock slides were encountered east of Sylvan Pass while opening the East Entrance road for the purpose of moving Ranger Stevens to his winter station at Snake River.

General maintenance work was continued at the Buffalo Ranch, principally in repairing the slaughter house and reconditioning the work shop. An old cabin used for years as a make-shift residence was condemned, torn down, and the area landscaped.

220 - New Construction

Old Faithful Sewer System: All exposed concrete at the large septic tank was poured. About 350 feet of the 8-inch tile at the gravity end of the force line was laid, several manholes ready to pour, and most of the laid pipe ditch backfilled. Extremely cold weather struck on November 11 and the job closed down on the thirteenth.

South Entrance Ranger Station: Work was completed to the extent that the families assigned there could move in on November fifteenth.

230 - Special Improvement Activities:

ERA - The ERA program was brought to a close with final cleanup work on several minor projects, the final termination date of the entire program being November twenty-third.

CCC - There were two CCC Companies in Yellowstone during the month of November, Camp NP-1 Mammoth and NP-7 Glen Creek. On November 2, Camp NP-16 Yellowstone left West Yellowstone for its winter location. No men out of this camp were used this month by the technical service.

The average company strengths and average number of enrollees turned over to the technical agency were as follows:

	<u>Av. Co. Strength</u>	<u>Technical Use</u>
YNP-1 Mammoth	194	155
YNP-7 Glen Creek	173	141.

The fifty-man side camp that had been at Nez Perce CCC Camp for a period of time worked on the Old Faithful sewer system until October 17, at which time it was moved to the Game Ranch at Mammoth. The eighteen-man side camp at the Buffalo Ranch completed their work in this area and were moved to the main camp at Mammoth on November fifth.

The main jobs for Camps YNP-1 Mammoth and YNP-7 Glen Creek were as follows:

- Sewer System - Old Faithful
- Water Line - Mammoth
- Razing Undesirable Structures and
Obliterations - Mammoth
- Preparation of Materials - Mammoth
- Minor Roads - Mammoth
- Bank sloping - Mammoth
- Cottage - Mammoth
- Nursery - Game Ranch
- Obliteration of Reservoir - Mammoth

Due to the high company strengths of these two camps and favorable weather conditions during the month, good progress was made on all jobs. No jobs were completed during the month of November.

Old electrical power system. All exposed conductors in the main building were covered with 3/4 inch of the 3/4 inch pipe in the vicinity of the main building. Several conductors were covered with 1/2 inch of the 1/2 inch pipe in the vicinity of the main building. All exposed conductors in the main building were covered with 3/4 inch of the 3/4 inch pipe in the vicinity of the main building.

Four electrical power systems were installed in the main building. The first system was installed in the main building. The second system was installed in the main building. The third system was installed in the main building. The fourth system was installed in the main building.

130 - Electrical Installation

100 - The main power system was installed in the main building. The main power system was installed in the main building. The main power system was installed in the main building. The main power system was installed in the main building.

100 - There were two 500 ampere AC generators in the main building. The first generator was installed in the main building. The second generator was installed in the main building. The first generator was installed in the main building. The second generator was installed in the main building.

The average capacity of the generators and average number of generators installed over the electrical system were as follows:

Generator	Capacity (ampere)	Number of Generators
100-1	500	2
100-2	500	2

The 100-ampere AC generator was installed in the main building. The 100-ampere AC generator was installed in the main building. The 100-ampere AC generator was installed in the main building. The 100-ampere AC generator was installed in the main building.

The main power system was installed in the main building. The main power system was installed in the main building. The main power system was installed in the main building. The main power system was installed in the main building.

- Generator - 100-1
- Generator - 100-2
- Generator - 100-3
- Generator - 100-4
- Generator - 100-5
- Generator - 100-6
- Generator - 100-7
- Generator - 100-8
- Generator - 100-9
- Generator - 100-10

Due to the high capacity of the generators and the high capacity of the generators, the main power system was installed in the main building. The main power system was installed in the main building. The main power system was installed in the main building. The main power system was installed in the main building.

Winter Zones to Yellowstone



Thunderer Mountain with a fresh mantle of snow

Photo by Condon



Ghost Trees at a camp

Photo by Fisher



300 - Activities of Other Agencies in the Park

310 - Park Operators

The 1941 proposed rates for the Yellowstone Park Company and Pryor Stores were forwarded to the Director on November twenty-fifth.

The C. A. Hamilton General Store at Old Faithful closed on November 11, and with the closing of this operation the only operation which remained active in the park was the Pryor general store at Mammoth to take care of permanent residents throughout the winter.

Mr. J. E. Haynes, the authorized park photographer, left for St. Paul on November fifteenth.

The resident park physician, Dr. R. E. Fallis, returned from a month's leave of absence on November seventh.

320 - Cooperating Governmental Agencies

Public Roads Administration: Lowdermilk Brothers completed the Northeast entrance road. The same company closed down the Canyon Junction Project November 15 under severe weather conditions. Peter Kiewit Sons Company is completing the fourth and last bridge on the East Entrance approach before closing down for the winter.

400 - Interpretation

410 - Lecture and Guide Service

The Park Naturalist gave a special lecture during the month to the combined groups of new enrollees from CCC Camps 535 and 544. There were 135 present, and 1400 feet of movie film were shown.

430 - Research and Observation

The Park Naturalist spent considerable time working on the Place Names of Yellowstone Park, primarily in the preparation of maps to accompany the Place Names file already developed.

431 - Botany

Data from the range studies of 1940 were assembled into a comprehensive report during the month, although editing and final draft will not be completed until some time in December.

210 - Topic: ...

The 1941 proposed ... for the ... the ...

The ... of ... the ... of ...

No. 1. ... the ... of ...

The ... of ... the ... of ...

220 - Topic: ...

The ... of ... the ... of ...

230 - Topic: ...

240 - Topic: ...

The ... of ... the ... of ...

250 - Topic: ...

The ... of ... the ... of ...

260 - Topic: ...

The ... of ... the ... of ...

500 - Use of Park Facilities by the Public

510 - Increase or Decrease in Travel (Also see attached report.)

Storms which closed three of the park entrances were largely responsible for the much smaller volume of travel for November 1940 than that which was recorded during the unusually mild November of 1939.

November, 1940 Travel by Gates

CARS	North	East	South	West	Northeast	Total
First Entry	75	13	6	44	0	138
Re-entry	156	4	1	14	98	273
TOTAL	231	17	7	58	98	411
VISITORS	528	41	17	161	216	963

520 - Visitors

Mr. J. J. ter Pelkwijk of Leiden, Holland, visited the park, arriving via North November 1; out North third.

600 - Protection

610 - Ranger Service

Big-game seasons were open during the month in all adjacent states, requiring regular and intensive patrols of the park boundaries. Patrols of most interior areas were also made to check patrol cabins to insure their readiness for winter use, to observe game migrations and to guard against the possibility of any illegal operations being carried on by poachers. Ranger stations at Old Faithful, Canyon and Lake were vacated for the winter shortly before snow closed the roads to these stations. All transfers of rangers to winter stations were accomplished by the close of the month.

620 - Police Protection

On November 15, five residents of Gardiner, Montana, entered pleas of guilty to a charge of illegal possession of unsealed firearms and disturbing wild animals in the park. The defendants were fined \$50.00 each by U. S. Commissioner Wilcox, and two rifles in their possession were confiscated.

630 - Wildlife Protection and Fish Cultural Activities

Bears - A few black bears were frequently seen in the vicinity of Mammoth, and in several other areas until the latter part of November, when it is believed the last of the animals went into hibernation.

200 - Use of Force by the Police

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Shows which classed cases of the use of force by the police in the year 1950. This is the most serious class of cases and is the only one which was reported during the year 1950.

November, 1950
Total of 1950

Class	Number	Percentage	Total
Use of Force	12	100	12
Non-Force	1	8	13
TOTAL	13		13
VIOLATIONS	12		12

200 - Use of Force by the Police

Use of force by the police in the year 1950. This is the most serious class of cases and is the only one which was reported during the year 1950.

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Buffalo - Buffalo were seen along the Lamar Valley in increasing numbers, and toward the last of November, approximately 350 were feeding regularly in this area.

Deer - Deer have migrated from the park interior and are now distributed on their usual winter range. During the deer hunting season in Park County, Montana, 43 were reported killed by hunters in the Gardiner area adjoining the park.

Elk - The elk hunting season in Gallatin County, which opened on October 15 and closed on November 17, resulted in a reduction of 714 animals, according to figures reported to date.

Elk hunting in Park County, which affects the Northern Yellowstone Elk Herd, has been very poor due to the fact that no migration from the park has yet occurred. Total elk taken by hunters along the northern area through November 29 was 47, as compared with 88 for approximately the same period last year. However, the numbers of elk which are now concentrated along the north side of the park from Swan Lake to Soda Butte Creek are very much greater than at this time last year, and should weather conditions become more severe it is believed that a strong migration to open hunting territory would occur.

Requests for about 45 live elk have been approved and an attempt will be made in early December to trap a few animals at the Blacktail trap. It is expected that all of the traps will be repaired during December.

690 - Accidents

Six automobile accidents were reported during November. Considerable property damage resulted in three cases, but there were no serious injuries to passengers. One government-owned vehicle was involved in an accident: A Chevrolet truck CCC Service No. 8876 collided with a truck owned by the Mountain States Telephone and Telegraph Company. The latter was improperly parked, and responsibility for the accident, involving damage amounting to \$71.75 to the Government car, was placed on the driver of the private truck.

900 - Miscellaneous

On November 22 Enid Estelle Wilcox, daughter of U. S. Commissioner and Mrs. T. Paul Wilcox, was married in the park chapel at Mammoth to John Paul Odell of Denver, Colorado. Reverend C. H. Connor, of the Holbrook Congregational Church of Livingston, Montana, performed the ceremony. The couple left that afternoon for Denver where Mr. Odell is employed as a dispatcher for the United Airlines and where the newlyweds expect to make their home.

Wildlife - Wildlife was seen along the river valley in the
 vicinity of the dam, and during the last of October, several
 birds were seen near the dam.

Geology - There have been reports from the dam project
 showing on their part of the dam. During the last of October,
 in the County, Arizona, it was reported that in the
 area adjoining the dam.

Water - The air during season in the dam valley, which
 is of a level of water, is reported to be in the
 vicinity of the dam, and during the last of October,
 in the County, Arizona, it was reported that in the

The dam project in the valley, which is reported to be
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Nejotes



With the approach of winter our wild neighbors become more friendly

Photo by Condon



Four National Park Service employees were involved in a double wedding which took place at Kemmerer, Wyoming, on November 24, in which Catharine L. Harris, employed as a clerk in the accounting office, and Robert C. Gillum, employed as a truck driver, were united; and her sister, Alice L. Harris, employed as senior-clerk cashier in the accounting office, was married to Arnold G. Quist, employed as a janitor. The two couples will make their home at Mammoth.

The regular monthly meeting of the park's Federal Employees Union was held on November fourth.

Park friends of Arthur L. Rule were saddened to learn of his passing at Mason City, Iowa, on November fourth. Mr. Rule was a staunch supporter of the national parks and has been visiting the Yellowstone and other national parks for many years and has taken numerous still and motion pictures which he has shown to various groups throughout the country without charge. He was buried in Mason City on the sixth.

The local civil service board held a merit examination for the State of Wyoming on November 16, at which three contestants were present.

Albert E. Long, new Assistant Park Naturalist, reported for duty on the morning of November 25, having been transferred from Boulder Dam Recreational Area.

Edmund B. Rogers,
Superintendent.

The regular monthly meeting of the Board of Directors was held on November 15, 1950. The regular monthly meeting of the Board of Directors was held on November 15, 1950. The regular monthly meeting of the Board of Directors was held on November 15, 1950.

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Approved: _____
Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

Yellowstone

National Park for the month of **November, 1940**

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
<u>PRIVATE TRANSPORTATION:</u>						
Cars first entry,	138	2629	762	2834	- 205	- 7.2
Cars reentry,	273	1586	1134	2635	- 1049	-39.8
Motorcycles,						
Total motor vehicles,	411	4215	1896	5469	-1254	-22.9
Persons entering via motor vehicles,	963	11691	5188	15458	-3767	-24.3
Persons entering via other private transportation,						
Total persons entering via private transportation,						
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages,						
Persons entering via trains,						
Persons entering otherwise,			8			
Total other transportation,						
RAND TOTAL ALL VISITORS,	963	11699	5188	15458	-3759	-24.3

	This Year	Last Year	Increase	
			Number	Percent
Automobiles in public camps during month,				
Campers in public camps during month,				

