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

FILE NO.

MONTHLY REPORT  
May, 1936.

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ARNO B. CAMMERER,  
*Director.*



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

REPORT OF THE SUPERINTENDENT

June 3, 1936

The Director,  
National Park Service,  
Washington, D. C.

Dear Mr. Director:

Following is the report of activities for Yellowstone National Park during the month of May, 1936:

000 - General

The extremely pleasant and warm weather from the 10th of April continued throughout most of the month of May and the warm days resulted in the rapid melting of the snow so that it was possible to get most of the roads open and in good condition for travel by the 15th of the month, when the collection of the motor vehicle license fee began. At the beginning of the month the roads were open to West Yellowstone, Old Faithful, Canyon and Lake and the snowplow continued on to open the South Entrance highway. The plow reached the South Gate on the 19th but it was necessary to wait a couple of weeks before permitting travel so that the highway would have sufficient time to dry. It is expected to permit motorists over this highway June 5. From the South Entrance the plow returned to Lake and opened the road to the East Entrance, reaching that gateway on the 22d. On the 25th motorists were permitted to use this entrance. The Continental Divide road was next opened and then the Curaven Pass road. Travel was immediately permitted over the latter highway but the Continental Divide road will remain closed to motorists until June 5, on which date all of the entrance roads, except the Northeast Entrance from Red Lodge to Cooke, will be open, as well as all sections of the Grand Loop highway. Travel was permitted over the South Entrance road from Thumb to Lewis Lake on the 30th to allow fishermen to fish that lake over the Decoration Day holiday. The Mount Washburn road should be open about July 1.

The new Superintendent, Edmund S. Rogers, entered the Park via the East Gate on the 25th and assumed his duties as the third civilian Superintendent of the Park on that date, having been transferred from Rocky Mountain National Park.

Considerable time during the last week of the month was consumed in the holding of the Ranger Conference on the 26, 27 and 28 and all of the permanent rangers as well as the Superintendent, Assistant Superintendent, and most of the department heads attended the sessions during the three-day period. The new Superintendent was afforded a fine opportunity to acquaint

DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
YELLOWSTONE NATIONAL PARK  
YELLOWSTONE PARK WYO

THE SUPERINTENDENT

APR 1 1934

Mr. [Name] [Address]  
[City] [State]

Dear Sir:

Reference is made to your letter of [Date] regarding [Subject].

Very truly yours,

The [Subject] [Address]  
[City] [State]

[Detailed body text, mostly illegible due to blurriness]

[Additional text, mostly illegible]

[Final text, mostly illegible]

himself with the permanent organization, as well as to receive information regarding the various problems which were presented and discussed. The sessions ended with a banquet and dance on the night of the 28th.

The fine weather and early opening of the roads afforded an opportunity for the contractors to get to work early on their various projects and the first crews of the Bureau of Public Roads arrived in the Park on the 8th, on which date the B.P.R. office at Mammoth was opened.

The National Reemployment Service opened its office in the barracks building on May 11, in charge of L. L. Gaffney of Terry, Montana.

The ice went out on Yellowstone Lake on May 20th.

The fishing season opened on May 20th and, as practically all streams were high and muddy, most of the fishing was confined to the use of bait. The fly fishing is not good until the high water subsides and the streams are clear.

Work was resumed on the Utility Building on May 15th under contract awarded to Siegfus Brothers of Salt Lake City, Utah while the same Contractor began work on the new Post Office Building at Mammoth following receipt of advice on the 25th that work could be commenced.

#### 020 - General Weather Conditions

A summary of the general weather conditions throughout the park will be found at the back of this report.

#### 021 - In the Park

The summary referred to above is a record of weather conditions at Mammoth but it is indicative of the general weather conditions throughout the entire park. Temperatures have been somewhat above normal and precipitation below normal. Unusually mild temperatures prevailed during most of the month with the result that most of the winter's snow melted more rapidly than usual, making it possible to clear all of the park highways of snow by May 23, almost a month earlier than was predicted at the end of last month.

The rapid and early melting of snow has caused all of the streams in the park to be unusually high for this season of the year but no appreciable damage from high water has occurred.

#### 022 - Approaches to the Park

The North and West Approach roads have been open to travel during the entire month. The East Approach road was cleared of snow and passable to the East Entrance on the first of the month. However, the road over Sylvan was still blocked by snow and was not opened to travel until May 22.

The South Approach road remained closed to travel during the entire month but by the end of the month it was free of snow and passable to auto-

aligned with the proposed construction, it will be necessary to  
relocate the various structures which were previously on the site.  
The following is a list of the structures to be removed:

The first structure to be removed is the existing building which  
is located on the east side of the site. This building is to be  
demolished and the site is to be redeveloped for residential use.  
The second structure to be removed is the existing building which  
is located on the south side of the site. This building is to be  
demolished and the site is to be redeveloped for residential use.

The third structure to be removed is the existing building which  
is located on the west side of the site. This building is to be  
demolished and the site is to be redeveloped for residential use.

The fourth structure to be removed is the existing building which  
is located on the north side of the site. This building is to be  
demolished and the site is to be redeveloped for residential use.

The fifth structure to be removed is the existing building which  
is located on the east side of the site. This building is to be  
demolished and the site is to be redeveloped for residential use.  
The sixth structure to be removed is the existing building which  
is located on the south side of the site. This building is to be  
demolished and the site is to be redeveloped for residential use.

The seventh structure to be removed is the existing building which  
is located on the west side of the site. This building is to be  
demolished and the site is to be redeveloped for residential use.  
The eighth structure to be removed is the existing building which  
is located on the north side of the site. This building is to be  
demolished and the site is to be redeveloped for residential use.

### 100 - General Building

A number of the general building structures are to be  
demolished and the site is to be redeveloped for residential use.

### 101 - In Use

The existing building is to be demolished and the site is to be  
redeveloped for residential use. The building is located on the  
east side of the site and is to be demolished and the site is to  
be redeveloped for residential use. The building is located on the  
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be redeveloped for residential use.

### 102 - Structures to be Demolished

The following structures are to be demolished and the site is to be  
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east side of the site and is to be demolished and the site is to  
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mobile travel to the South Entrance. The road from the South Entrance to West Thumb was kept closed to travel because of road bed conditions.

### 023 - In Nearby States

Weather conditions in the surrounding states have been comparable to the conditions recorded in the Park. Unusually high temperatures and low precipitation conditions have prevailed.

### 100 - Administration

#### 110 - Status of Work

Due to the opening of the roads, the organization of numerous maintenance crews and the necessity of placing a number of men on the roads, the administration work increased considerably. Being without the services of the agent-cashier and because of our inability to fill clerical vacancies promptly, due to the delay in receiving certificates, it was very difficult to keep the office work current and much overtime was necessary. The additional work occasioned by E.C.W. and the added duties necessitated by new Civil Service regulations and the recommendations of various inspectors has made it difficult to operate properly with the present personnel. It is essential that we have a successor to the agent-cashier at an early date, as well as a successor to Chief Clerk Hundley, who is to be transferred to the Regional E.C.W. office in Omaha, if we are to keep our accounting and administrative work current.

Senior Clerk Neilson returned from leave on May 4.

Clerk Verna Roe was absent on annual leave from May 5 to the 18.

Seasonal Clerk Martin Gary reported for duty on May 19.

Chief Clerk Hundley left on May 20th for Omaha for a conference with regard to his transfer to the Regional E.C.W. office at that point. He returned to the Park on the 25th to await the approval of the transfer by the Secretary of the Interior.

### 120 - Inspections by:

#### 121 - Superintendent

Superintendent Rogers arrived in the Park via the East Gate on May 25th and assumed his duties as the Park's new Superintendent on that date. Acting Superintendent Emmert met him at the East Gate and accompanied him to Mammoth. After his arrival at headquarters he made inspections around Mammoth and into the interior of the Park as follows:

May 26, 27 and 28 - Attended the Ranger Conference.

May 29 - To Tower Falls and return with Assistant Superintendent Emmert.

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Acting Superintendent Emert made inspections around headquarters and into the interior and outside the Park as follows:

May 5 - To Lake and return with Park Engineer Lord.

May 12 - To South Entrance road and return with Park Engineer Lord.

May 13 - With Messrs. Bauer and Robinson to Old Faithful and return.

May 15 - With Messrs. Bauer and LaHoue to Old Faithful and return.

May 18 - To Billings with Messrs. Carnes, Howard Baker, Hill, Gregg and Mattson, of the Branch of Plans and Design; returned Mammoth for night.

May 25 - To East Entrance to meet Superintendent Rogers; returned Mammoth for night.

### 123 - National Park Service Officers

Associate Landscape Architect Frank Mattson of the Branch of Plans and Design, arrived via the West Gate on May 6. He departed on the 26th for Great Smoky National Park where he has been assigned for the summer.

Sanford Hill of the Branch of Plans and Design, San Francisco, arrived via the North Gate May 9th. Mr. Hill is to be in charge of the landscape work in the Park this summer.

Howard Gregg of the Branch of Plans and Design, San Francisco, arrived via the North Gate May 11th. Mr. Gregg is to be assigned to the Yellowstone for the summer.

William Carnes of the Branch of Plans and Design, arrived via the North Gate May 15th. He departed via the same gateway on the 18th enroute to Washington where he has been assigned.

Howard Baker of the Branch of Plans and Design, Regional Office, E.C.S., Denver, arrived via the North Gate May 17th and departed via the East Gate for Denver on the 24th.

L. F. Cook, Chief of the Western Division, Forestry Department, National Park Service, Berkeley, arrived via the West Gate on the 25th to participate in the Ranger Conference. He departed via the North Gate on the 29th for Glacier Park.

Ward P. Webber, Engineer, National Park Service, San Francisco, arrived via the North Gate May 15th. He is to be engaged on work in connection with the Mammoth reservoir.

### 125 - Other Governmental Officers

William F. Hutton and Wilson H. George, Special Agents, Division of In-

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vestigation, Office of the Secretary, Washington, D. C., arrived via the North Gate May 28th and will spend most of the summer in the Park on special investigation work.

Oscar O. Brattebo, Construction Engineer, Procurement Division, Treasury Department, arrived via the North Gate May 31st. Mr. Brattebo is the Inspector on the new Postoffice building at Mammoth.

H. W. Johns of the Water Resources Branch, Geological Survey, Boise, Idaho, arrived via the West Gate May 26th to inspect gauging stations, contact observers and secure discharge measurements.

#### 140 - Labor Situation

The early opening of the roads which permitted the contractors to start work on their various road projects and the starting of the maintenance crews by the National Park Service resulted in the rapid employment of men and by the end of the month many men from the neighboring states had secured employment. The National Reemployment Service reopened its office in the barracks building on May 11th in charge of L. L. Gaffney of Terry, Montana. Bernice Hooley of Wyoming and Harold S. Mitchell of Idaho are assisting Mr. Gaffney.

#### 150 - Equipment and Supplies

Three carloads of coal, nine carloads of road oil, four carloads of gasoline, two carloads of groceries and one carload of fuel oil were received in addition to other shipments of machinery, iron, coffee, storage batteries, tires and tubes, hardware, beds, steel safe, etc. weighing 33,044 lbs.

#### 160 - Status of Alienated Lands

There was no change in the status of alienated lands during the month.

#### 170 - Plans, Maps and Surveys

The engineering personnel was increased by one man during the month, Engineer Webber being detailed from Field Headquarters for the Mammoth Water and Power Development project. General engineering activities were routine and the E.C.W. engineer spent the entire month on trail reconnaissance and surveys with representatives from the Landscape Division and the Chief Ranger's office. Selection was made from the Civil Service register to fill the position of Assistant Park Engineer and that engineer is expected to report about June 3.

#### 180 - Circulars, Placards, Publicity Bulletins, Etc.

Circulars Nos. 8 to 12, inclusive, were issued during the month and copies are attached. The May-June issue of Nature Notes is in the process of preparation and will be circulated about the middle of June. A number of press releases on road openings, accommodations and C.C.C. activities were furnished the Associated Press, United Press and western papers, and numerous pictures

Investigation into the activities of the Communist Party, U.S.A., during the war years and will report on the results of the investigation.

On the basis of the information received from the various sources, it is believed that the Communist Party, U.S.A., has been active in the United States during the war years.

The following information was obtained from the various sources during the investigation:

1. - General Information

The early history of the Party in the United States is well known. It was founded in 1919 and has since that time been active in the United States. During the war years, the Party has been particularly active in the United States.

2. - Membership and Activities

There are reports of a large increase in membership of the Party during the war years. It is believed that the Party has been particularly active in the United States during the war years.

3. - Party in the United States

There are reports of a large increase in the number of Party members in the United States during the war years.

4. - Party in the United States

The investigation has shown that the Party has been particularly active in the United States during the war years. It is believed that the Party has been particularly active in the United States during the war years.

5. - Party in the United States

It is believed that the Party has been particularly active in the United States during the war years. It is believed that the Party has been particularly active in the United States during the war years.

were circulated for publicity purposes.

J. H. Mader, who has handled the publicity work in the Park during the past several years, has been reappointed for the coming summer and is expected to report about the middle of June.

## 200 - Maintenance, Improvements and New Construction

### 210 - Road Maintenance

The snowplow completed its work on June 14 with the clearing of the Dunraven Pass section, leaving only the Mount Washburn road to be cleared. This last named section is too narrow and crooked to permit the use of the plow and must be cleared by hand labor. Organization of the permanent maintenance crews followed closely the clearing by the snow plow and eleven of the crews were established on their sections at the close of the month with the remaining seven to be sent out during the first week of the coming month. Travel is permitted over all the park roads except the Old Faithful to West Thumb section and the southerly ten miles between West Thumb and the South Entrance.

The oiling crew started work on May 11, treating the service roads in the headquarters area for about ten days, moving then to Old Faithful to process the eleven mile Firehole Cascades-Old Faithful section which was graded by contract last season, and the service roads in the vicinity of Old Faithful.

The East Forest maintenance crew was established on May 11 and had that section in excellent condition by the time it was possible to open the east section within the Park.

### 220 - Improvements

Shops - The overhauling of trucks and equipment had been completed by the end of the month and the maintenance has gone forward.

Electrical Department - In addition to the usual maintenance and repair work during the month, the underground power cable at the reservoir was connected up permanently, the street light circuit was disconnected from the new Post Office site and rerouted, and a number of tent houses and portable houses were wired.

Two full-time telephone operators were secured to replace the two A.E. appointments. Mrs. Mildred Christenot and Miss Esther Boyd, two experienced telephone operators were secured through the Mountain States Telephone and Telegraph Company. The practice of calling by names is to be discontinued and a new directory listing all phones by number has been prepared. The system of calling by numbers will go into effect the first of June.

Carpenter Shop - Besides the usual miscellaneous repairs, three new bear cages were made for the shipment of bears, and repaired ten buffalo crates for the transferring of buffalo to the show herd at Hayden Valley.

was classified for military purposes.

It is noted that the addition was in the year 1942. It is noted that several years ago the entire system was reclassified to insure that the title of law.

100 - Information, Intelligence and Communications

100 - Information

The analysis contained in this report is based on the information provided by the various sources mentioned in the report. It is noted that the information was obtained from the various sources mentioned in the report. It is noted that the information was obtained from the various sources mentioned in the report. It is noted that the information was obtained from the various sources mentioned in the report.

The office was notified on May 11, 1942, that the information was obtained from the various sources mentioned in the report. It is noted that the information was obtained from the various sources mentioned in the report. It is noted that the information was obtained from the various sources mentioned in the report.

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Rock slide on East  
Entrance road about  
6 miles above ent-  
rance.



Heavy Washout and  
settlement of rock  
parapet on East Ent-  
rance road.





Snow condition near South end of Lewis  
Lake on West Thumb - South Entrance sec-  
tion. (May 12)



Snow condition on South Entrance section  
about 2 miles north of above picture.

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Road condition at a point about 2 miles south of West Thumb on new grade completed last season.



Slippage of fill on Mammoth - Tower Junction section.

THE UNIVERSITY OF CHICAGO  
DIVISION OF THE PHYSICAL SCIENCES

PHYSICS DEPARTMENT  
5712 S. UNIVERSITY AVENUE  
CHICAGO, ILLINOIS 60637

Plumbing Department - Besides the usual maintenance and operation during the month, water meters were installed at the Mammoth Hotel, Transportation Company, Hotel Commissary, Wynne's Picture Shop, Nichols' and Childs' residences.

Paint Shop - Linoleum was laid at the hospital at Mammoth, floors were worked over at the Mammoth and Norris museums and signs were lettered.

### 230 - New Construction

F.P. 347 - Utility Building, Mammoth - Work was resumed on this project by the contractor on May 15 with a crew of five men, increasing to approximately thirty men by the end of the month. Accomplishments for the period consisted of the pouring of all concrete footings for the excavated portion of the basement and the erection of the forms for practically all the balance of the foundations.

F.P. 584 - Old Faithful Water System - The contractor on this project resumed work on May 19 with twenty-eight days in which to complete the work. Work done during the month consisted of excavation for the upper section of the pipe line and the settling reservoir.

F.P. 598 - Water and Power Development, Mammoth - Work of installing and connecting water meters to the various utility operators units was continued throughout the month with nine of the ultimate sixteen installations completed.

Work on the pipe line and reservoir was resumed on May 19th with a crew of fifteen men. At the junction of the service lines with the storage reservoir and the domestic reservoir, where leakages had developed, excavations were made and backfilling and puddling with select material. The inner slope of the main reservoir was dressed down and given a coat of emulsified asphalt stabilizer at several points which appeared somewhat porous, a clay blanket being placed where necessary.

The areas around the power house and reservoir, where disturbed during construction, were under landscape treatment with this item about sixty per cent complete.

### Contract Construction

A limited amount of major road construction was under way by the 15th of the month, at that time the Groves Construction Company having installed a crew of about fifty men on the Old Faithful-west Thumb section and actively started both clearing and grading. Contractors on the base course surfacing between Canyon and Lake, grading between Soda Butte and Lamar Canyon, and the two contractors placing bituminous final surface between Canyon and Mammoth through Tower Junction had moved in considerable equipment and organized small crews for preparatory work.

The contractor for the new Post Office started operations on May 27th and has the basement excavation about 50 per cent complete.

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Bids were opened in Denver by the Bureau of Public Roads office for the construction and improvement of Project RPEC 3-A-1, Small Bridges and Culverts, on the Tower Falls-Cooke highway. Award was made to the McLaughlin Construction Company with the low bid of \$39,625.35.

Bids were opened in Denver by the Bureau of Public Roads office for construction and improvement of Project PEC 1-B-3, 4-A-1, A-2, 5C, D2, Bituminous Base Treatment, South and East Entrance highways, a distance of 37.304 miles. Award was made to the Taggart Construction Company with the low bid of \$45,471.75.

#### 300 - Activities of Other Agencies in the Park

##### 510 - Public Service Contractors

The general store at Mammoth was opened throughout the month to take care of local residents and early visitors.

C. A. Hamilton arrived in the Park via the West Gate on May 9th and immediately opened his store at Old Faithful to accommodate early visitors.

The Pryor General Store at the Canyon opened on May 15th.

The Haynes Picture Shops, Inc. opened their Mammoth shop on May 22, the Old Faithful Auto Shop on the 26th, the Canyon Shop on the 27th and the Fishing Bridge Shop on the 29th. Mr. J. L. Haynes arrived on the 31st.

New gasoline prices became effective on May 30th, the price of regular gasoline at Mammoth being 24 $\frac{1}{2}$ ¢ per gallon and at other points in the Park 25 $\frac{1}{2}$ ¢ per gallon. The price of Ethyl gasoline is 2 cents per gallon higher at all points.

W. M. Nichols, President of the Yellowstone Park Hotel Company, Yellowstone Park Transportation and Boat Companies, arrived on May 28th and attended the opening session of the Ranger Conference on the 27th. He departed the following day for Helena, expecting to return the first of June to open his Mammoth office.

The Yellowstone Park Lodge & Camps Company opened its Mammoth office on the 26th and the following day opened its housekeeping cabins and cafeterias at Mammoth, Old Faithful, Fishing Bridge and Canyon.

#### 400 - Flora, Fauna and Natural Phenomena

##### 410 - Ranger, Naturalist and Guide Service

Protection Department work during this month has consisted of special work, sale of permits at entrance stations, supervision of trail maintenance, capturing and shipping of surplus bears, transfer of buffalo from the Lamar River herd to Hayden Valley, protection patrols and various other regular protection department activities.

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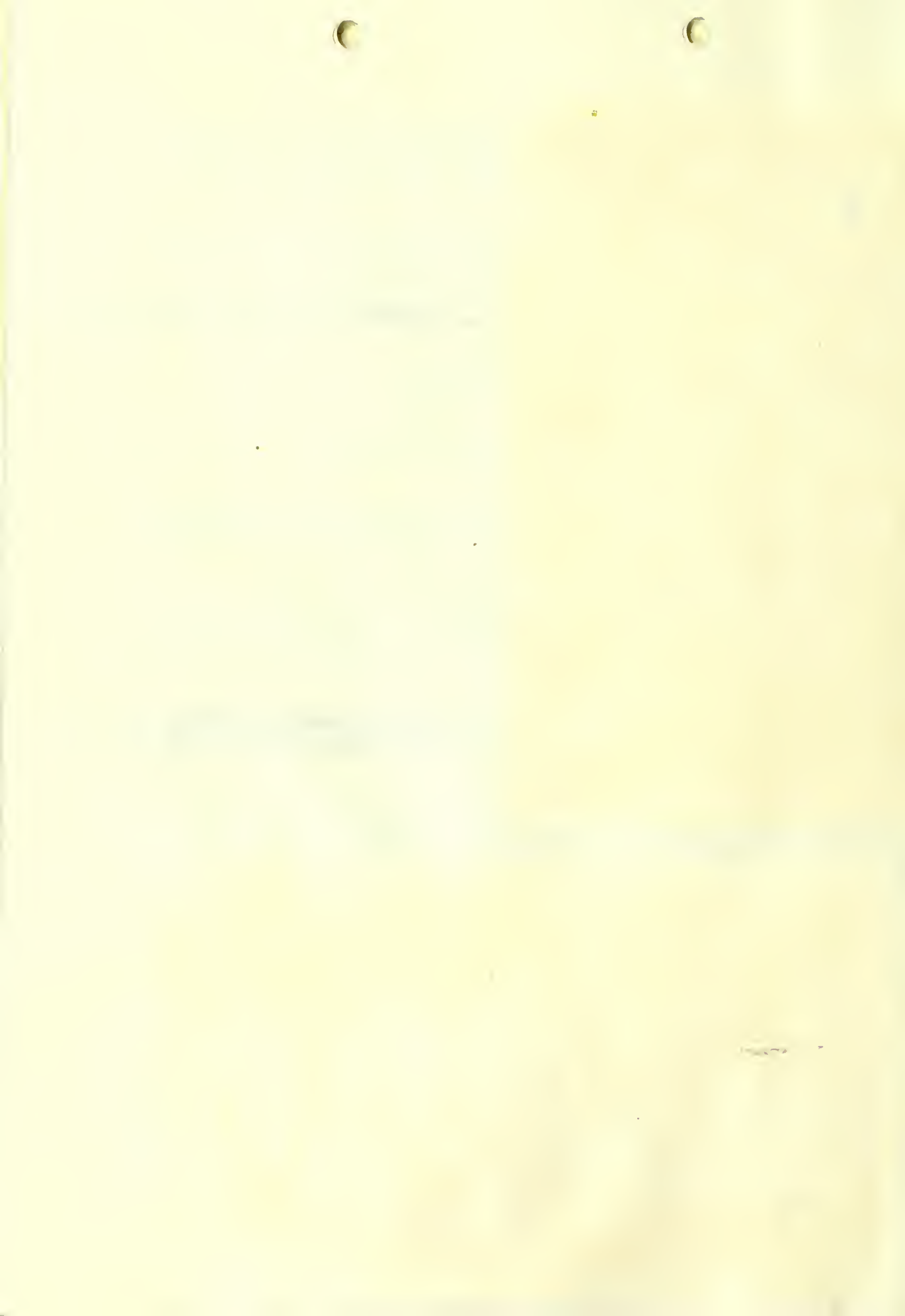
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1. Preparing seed bed at forest nursery

2. Seed bed leveled, mulched, and ready for planting at forest nursery.







Preparing soil for seeding at Game Preservation Ranch. C.C.C. enrollees, supervised by park rangers, were employed for all labor on this project.



Drilling and seeding native grasses on barren fields at Game Preservation Ranch. These fields have been under cultivation for a great many years and several abortive attempts have been made to re-seed them with native grasses suitable for winter feed for game. If present weather conditions prevail there is some assurance of success this season.



Five temporary rangers were employed in addition to the permanent ranger force during this month. The sale of permitted entrance tickets has taken the services of four of these men, the fifth stationed at Old Faithful for policing and protection of the woods at old natural spring and other public formations.

A considerable amount of time has been devoted to the supervision of the preparing of fields and feeding of cranes on various grounds of the Game Reservation lands.

A Ranger Conference, at which all of the permanent protection department personnel was present, was held in Mammoth on May 26, 27, 28 and 29. Directly following the Ranger Conference preparations were made for moving all rangers to the various stations to which they had been assigned for the summer months. Three days of the Ranger Conference were spent in the discussion of various problems concerning protection department work and cooperation with other park service departments, Park operators and cooperative governmental agencies. The entire group were present at these discussions. One-half day on the 29th was devoted to instructions for rangers assigned to entrance stations. This conference was considered one of the most interesting and successful that has ever been held in Yellowstone Park.

The Headquarters' personnel of the protection department has devoted a considerable amount of time in the field inspection and supervision of various protection department activities in addition to accomplishing a considerable amount of office work.

#### 430 - Public Service

Lectures were given by Park Naturalist Sawyer in Billings, Montana to the following groups: Kiwanis Club, Lions Club, Masonic Lodge, High School biology classes, Garden Club, and Montana Forest Guard to a total of 808 persons. Several lectures were also given to the SOC camp by members of the Naturalist department. Assistant Park Naturalist Cooper is preparing historical exhibits for one case at Mammoth and one case at Madison Junction. Junior Naturalist Kearns is preparing a fungi exhibit for a case at Mammoth.

#### 440 - Insect Control

Insect control projects, in the vicinity of Mammoth and Old Faithful, were started during this month. Larvae of the crane were made by rangers and all of the infested trees within one mile of the center of each utility area were tagged. The tagged trees were later treated by a follow-up crew composed of SOC enrollees under the supervision of U.S.A. personnel. It was gratifying to note that there was a considerable decrease in the number of infested trees found in the vicinity of Mammoth were infested with the mountain pine beetle, while at Old Faithful the major portion was found to be infested with Ips.

On May 8, Mr. E. L. Joy of the Bureau of Entomology and Plant

The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, on the subject of the land in question.

The land in question is situated in the County of ... State of ... and is bounded by ...

The land in question is situated in the County of ... State of ... and is bounded by ...

The land in question is situated in the County of ... State of ... and is bounded by ...

Section 100 - 100

The land in question is situated in the County of ... State of ... and is bounded by ...

Section 100 - 100

The land in question is situated in the County of ... State of ... and is bounded by ...



Quarantine Service, visited the Park and proposed that a white pine blister rust control project be inaugurated in Yellowstone during this season. It was recommended that control in and around the high country be established by removing all forms of blisters in the area surrounding the nursery. The area in which blister rust would thus be controlled would extend about one-half mile in all directions from the nursery site. This matter has not been definitely settled as yet, inasmuch as there is some doubt as to whether or not there is enough white pine blister rust in the Park to warrant control measures.

#### 450 - Animal Disease Control

A female grizzly bear with two young cubs were found dead in the vicinity of the cabin camp area at Sugar on 10/29/21. A post-mortem examination revealed that these animals had been killed by eating poisoned wheat which had been carelessly swept out of some of the housekeeping cabins. It has been the policy of the Park operators in dist. dist. poison crises in various cabins and stores, where bedding and other equipment which is subject to damage by mice is stored during the winter months. Heretofore, we know of no occasion when proper protective measures against the possibility of other rodents and birds eating this poison were taken and being fully adhered to.

#### 460 - Birds

A great many waterfowl have been observed nesting on the various lakes and streams throughout the Park. Practically all of the small forms of bird life which are found in the Park during the summer but which are absent in the winter have returned with the mild weather experienced during this month. One pair of Woodcock were observed in the vicinity of Yellowstone Lake. These birds are rarely seen in this locality. One pair of Spruce Grouse have been observed on Swan Lake and on many occasions it was observed that they were being disturbed by ravens and coyotes. In order to offset this menace to the nesting birds, several carcasses of winter-killed deer and elk were placed near the lake to attract predators away from the grouse's nest. The scheme was comparatively successful insofar as the coyotes were concerned; however, the ravens continued to harass the nesting female.

#### 470 - Animals

Practically all of the animals in the northern Yellowstone game herd have migrated from the winter range to higher elevations and onto the summer range. Moose have been observed more frequently in Yellowstone Park at Sugar and at Lake and all signs indicated that all game animals are out on the summer range. Forage conditions are excellent and all animals observed seem to be in excellent condition.

Beavers - One grizzly bear and one black bear were captured and delivered to the New York Zoological Gardens this month.

One grizzly female and her two cubs were found dead in the Acapulco

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Section 101 - 101

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Section 102 - 102

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Section 103 - 103

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cabin area at camp. Their death and distribution in the area will have been the poisoned wheat which had been accidentally blown from the intensity of wind at the cabins.

Buffalo - For some time the advisability of maintaining a small buffalo herd in Hayden Valley has been under consideration. Hayden Valley is a large area of open grassy meadows which supplied a considerable amount of forage throughout the year. Thirty-six head of buffalo were captured from the Lamar River herd and transported to Hayden Valley for release during this month.

Mountain Sheep - Several small bands of mountain sheep were observed in the vicinity of Hole's West Hook, between Gardner and Laramie, during the month. These were seen early in the month and it is probable that it was observed that they were drifting to a higher elevation as summer progressed. There has been a very light mortality rate of mountain sheep during the past winter and all animals observed appear to be in excellent condition.

#### 480 - Phenomena

Angel Spring - shows no appreciable change from April. The principal flow continues from the new outlet to the north.

Baby Spring - has decreased in flow twenty-five per cent during May.

Blue Spring - The flow has spread over a wider area and a portion of this water is covering Jupiter Terrace to the north.

Note: Last month the report for Blue Spring was similar Baby Spring.

Cleopatra Spring - No change.

Cupid's Spring - The heavy flow of April continues and interesting dispositions are building up beautiful formations on the lower slope.

Lynx Spring - is inactive.

Highland Spring - is inactive.

Jupiter Spring - is inactive.

Main Spring - slight flow.

Mound Spring - shows a little increase in flow for the month.

Wald Spring - has increased during May.

Yael Spring - is still flowing strong and is one of the most beautifully colored formations in the area. Two pictures of Yael Terrace taken from the same point are attached to this report to show the rapid deposition of leucite during the past three years.

Orange Spring Mound - shows no change.

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Releasing buffalo in Hayden Valley. Thirty-six head of these animals were transported from their habitual range, on the Lamar River, and transplanted in Hayden Valley.



Trestle Bridge across Snake River, near South Entrance, damaged by flood waters and drifting debris.



Painted Spring - shows no change.

Prospect Spring - has increased slightly.

Summit Basin Spring - is still flowing evenly as in 1911.

Grand Geyser - On May 16, 19 and 18 the Grand Geyser erupted about noon with a very particular eruption on May 17.

Giant Geyser - was observed to erupt on May 18 and 19 at 10:30.

Cliff Geyser - Located in Mack Land Basin, erupts on May 18 for a period of at least two hours and to a height exceeding fifty feet.

Handkerchief Pool - On May 14 Junior Naturalist Thomas found that the Handkerchief Pool was active again but did not observe lines to the surface. Although it would rapidly take it down, it never quite brought it back to the surface. On May 15 the Pool was performing as of old and although a bit slow, returned the handkerchiefs to the surface.

Beehive Geyser - On May 15 at 1:30 p.m. the beehive was observed to eruption, throwing water to the highest point seen during the past months.

#### 400 - Miscellaneous

Fishing conditions in the streams throughout the park have not been very good, due to the flood conditions at this season of the year. The waters of the park were opened to fishing on May 23 and during the following week a great many people visited the park to fish and camp. In many of the lakes the fishing is excellent and it was reported from the West entrance that over three thousand fish were taken out of the park in one day at this date.

The attempted control of suckers in Yellowstone lake proved futile. It has not been definitely learned whether this exotic fish spawns before the ice leaves Pelican Creek or whether they spend the winter in warm waters above the location of the fish traps. Further studies are being made of their habits and the numbers in the Yellowstone lake water shed, with a view to determining whether or not further control measures are advisable.

#### 500 - Use of Park Facilities by the Public

##### 510 - Increase or Decrease in Travel

The total travel to date amounts to 5151 motor vehicles and 21,941 visitors as compared with 3927 motor vehicles and 12,731 visitors to date last season. This represents an increase of 103.3 per cent in motor vehicles and 87 per cent in park visitors. The sale of permits was started at the North and East entrances on May 15th, and at West entrance on May 22. Travel statistics reveal that a large percentage of the early travelers consist of local people from Wyoming, Montana and Idaho. However, there is a considerable increase of visitors from other parts of the country.

Section 1 - General Provisions

Section 2 - Definitions

Section 3 - Purpose and Scope

Section 4 - Administration

Section 5 - Enforcement

Section 6 - Miscellaneous

Section 7 - Short Title

Section 8 - Severability

Section 9 - Effective Date

Section 10 - Repeal

Section 11 - Amendments

Section 12 - Construction

Section 13 - Repeal of Existing Laws

Section 14 - Repeal of Existing Laws

Section 15 - Repeal of Existing Laws



PICTURES SHOWING RAPID DEPOSITION OF TRAVERTINE  
at  
Mammoth Hot Springs



OPAL HOT SPRING TERRACE - Beginning of flow after many years of inactivity. In the center, fresh travertine is covering old formations. Photo taken May 5, 1933 by G. Crowe.



OPAL HOT SPRING TERRACE showing deposition of travertine--two and one half feet in thickness in three years. Photo taken May 5, 1936 by G. Crowe. (Same location as above.)





10314-11

Kearns

Ice jam at Steamboat Point with ice breaking up  
on Yellowstone Lake on May 18, 1936.



10314-12

Kearns

District Ranger Frank Anderson on ice piled against  
the shore at Steamboat Point to a height of 25 feet.





10315-1

Kearns

Ice Jam at Fishing Bridge on May 19, 1936. Ice cakes about six inches in thickness.



10315-2

Kearns

Ice flow in Yellowstone River immediately above the Fishing Bridge on May 19, 1936. (The ice was entirely out of the Lake the morning of May 20th.)





Fish traps installed in Pelican Creek used in connection with attempted control of suckers in Yellowstone Park. Note high water and snow conditions. It was necessary to maintain a constant watch to remove derbis from the racks to prevent high water from taking the trap out.



Black spotted trout caught in the early run of spawning at Pelican Creek. By installing the racks and traps in Pelican Creek immediately after the ice went out, it was possible to increase the egg take at this station by several hundred thousand above the normal take.





Traveling conditions through the past have been excellent but for as  
as other conditions are concerned. All of the vehicles which have been issued  
to travel are in good condition and with this weather conditions prevailing  
there has been a tendency toward a large increase in gas travel.

### 500 - Visitors

May 21 - Mrs. Roger A. Voll, wife of former vice commander, arrived via the  
train which departed via the train on the 20th.

May 28 - Mrs. Melville Anderson, widow, former President of the  
American Legion Auxiliary in North and West.

May 28 - Louis A. Probst, Lincoln, former 2nd level office commander of  
the American Legion in North; Del. 2nd.

May 28 - Mrs. Richard, Lincoln, former of Rotary Inter-  
national in and out north.

### 600 - Miscellaneous

Post Office - The volume of business during the month ending in the Post  
Office of Yellowstone with respect to work with the corresponding month of  
last year.

On May 24, Sigfus Brothers, Contractors, commenced construction on the  
new Post Office building.

Church Services - There were no church services held at the regular church  
during the month of May. Arrangements have been made to hold church services  
during the season at the Episcopal Chapel and also at the Episcopal and Fishing  
Bridges. These services are to be held at each point every Sunday and in some  
cases twice.

Hospital and Medical - There were 41 new calls and 221 office calls re-  
ported during the month of May.

U.S.A. - During the month there were two odd companies ordered by Yellow-  
stone Park. Camp 700 #5, New York was ordered to the Canyon on May 9 and  
field work began May 11. Camp 100 #6, Oregon, was assigned to Camp  
Company No. 730 on May 25 and field work at this camp began on May 27.

The projects at the three camps in the park have progressed satisfactorily  
but have been hampered some due to the shortage of necessary personnel.

Fine cooperation between the Army and Park people has been shown in all  
connections.

Volley ball tournament sponsored by Yellowstone National Park partici-

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Section 1

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Section 2

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parted in a State Tournament at Helena on May 10. This was the first tournament in which a Yellowstone team was represented and while the first team finished last the members of the team received much valuable experience and should be better prepared in future tournaments.

The regular monthly meeting of the Federal Employees Union No. 245 met in the Canteen building on May 11th.

A son was born in the Park Hospital in Livingston on May 10th to Mr. and Mrs. Wayne Alcorn. Dr. Alcorn is a Park Ranger.

Yours very truly,

James E. Alcorn,  
Superintendent.

W.

By: Joseph Joffe

Assistant Superintendent

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UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 NATIONAL PARK SERVICE

TRAVEL REPORT

Yellowstone National Park for the month of May, 1933

	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>						
Persons first entry, . . . . .	5922	5739	1644	5935	5764	94.9
Persons reentry, . . . . .	231	2136	69	1287	1829	129.4
Motorcycles, . . . . .	4	6	2	5	1	2.0
Total motor vehicles, . . . . .	3157	3101	1715	3327	414	109.2
Persons entering via motor vehicles, . . . . .	5730	21591	4854	11631	10229	87.7
Persons entering via other private transportation, . . . . .	14	51	26	70	-19	-27.1
Total persons entering via private transportation, . . . . .	3744	21932	4880	11702	10110	87.1
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages, . . . . .		9	7	12	-3	-33.0
Persons entering via trains, . . . . .						
Persons entering otherwise, . . . . .						
Total other transportation, . . . . .		9	7	12	-3	-33.0
<b>GRAND TOTAL ALL VISITORS, . . . . .</b>	<b>3744</b>	<b>21941</b>	<b>4887</b>	<b>11714</b>	<b>10209</b>	<b>87.0</b>

This Year	Last Year	Increase	
		Number	Percent

Automobiles in public camps during month, . . . . .  
 Campers in public camps during month, . . . . .

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

TRAVEL REPORT

National Park for the month of \_\_\_\_\_

Increase for Travel Year	Number	Percent	This Month		Last Year	
			To Date	To Date	Last Year	This Month

DATE TRANSPORTATION:

Motor vehicles	Other	Total	Motor vehicles	Other	Total
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
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...	...	...	...	...	...

OTHER TRANSPORTATION:

Other transportation	Total	Other transportation	Total
...	...	...	...
...	...	...	...
...	...	...	...
...	...	...	...
...	...	...	...
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Increase	Number	Percent	This Year		Last Year	
			To Date	To Date	Last Year	This Year

Persons in public camps during month  
Persons in public camps during month

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Yellowstone National Park for the Month of May, 1938

	This Year	Last Year
Park revenue on hand beginning of month, . . . . .	-0-	47.00
Received, . . . . .	400.74	3.15
Total, . . . . .	400.74	50.15
Remitted, . . . . .	400.74	50.15
On hand close of month, . . . . .	-0-	-0-

Park revenues received this year to date, . . . . .	275,541.87
Park revenues received last year to date, . . . . .	207,153.09
Increase, . . . . .	68,388.78
Per cent of increase, . . . . .	33.013

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

National Park for the Month of \_\_\_\_\_ 19\_\_

Year	Total
1921	...
1922	...
1923	...
1924	...
1925	...

Revenues received this year in date \_\_\_\_\_

Revenues received last year in date \_\_\_\_\_

Percentage of increase \_\_\_\_\_



10-159  
 (May 1931)  
 (99566)

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Yellowstone National Park for the Month of May, 1931

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	95	53	96	72
Number of additions	Reg. 7 Reg. 10	Reg. 133 21	Reg. 15 3	Reg. 157
Total	115	211	114	290
Number of separations	Reg. 1 Reg. 2	Reg. 5 3	Reg. 4 3	Reg. 10 16
Number of employees close of month	** 109	203	107	264
Number of promotions during month	1		3	
Aggregate amount of annual leave taken	Reg. 151-1/56 Reg. 24 0		Reg. 79 8	1/2
Aggregate amount of sick leave taken	Reg. 13-1/2		Reg. 18	
Aggregate amount of leave without pay	0		Reg. 21	

\*Includes 79 Regular; 15 SC and 2 PV.

\*\*Includes 87 Regular; 21 SC and 1 PV.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

National Park for the month of

This Month Last Year		This Month		Year-to-Date		Year-to-Date	
Appointed	Non-Appointed	Appointed	Non-Appointed	Appointed	Non-Appointed	Appointed	Non-Appointed
12	15	12	15	12	15	12	15
18	22	18	22	18	22	18	22
20	25	20	25	20	25	20	25
25	30	25	30	25	30	25	30
30	35	30	35	30	35	30	35
35	40	35	40	35	40	35	40
40	45	40	45	40	45	40	45
45	50	45	50	45	50	45	50
50	55	50	55	50	55	50	55
55	60	55	60	55	60	55	60
60	65	60	65	60	65	60	65
65	70	65	70	65	70	65	70
70	75	70	75	70	75	70	75
75	80	75	80	75	80	75	80
80	85	80	85	80	85	80	85
85	90	85	90	85	90	85	90
90	95	90	95	90	95	90	95
95	100	95	100	95	100	95	100

REGULAR AMOUNT OF LEAVE WITHOUT PAY  
 REGULAR AMOUNT OF SICK LEAVE TAKEN  
 REGULAR AMOUNT OF ANNUAL LEAVE TAKEN  
 PERCENT OF PROMOTIONS DURING MONTH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

Yellowstone

National Park for the Month of July, 1936

	This Month	This Month Last Year	Increase	Per cent Increase
<u>LOCAL BUSINESS</u>				
Files of circuit maintained, . . . . .	604	582	22	3.78
No. of telephones connected, . . . . .	359	247	111	4.45
No. of measured service calls, . . . . .				
No. of other local calls, . . . . .	11,584	10,830	754	7.06
Total No. of local calls, . . . . .	650	529	121	19.09
Peak load in calls per day, . . . . .				
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Receipts from measured service calls, . . .				
" " coin boxes, . . . . .				
" " telephone rental, . . . . .				
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TOTAL RECEIPTS				
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<u>LONG DISTANCE BUSINESS</u>				
No. Outbound calls, . . . . .	186	435	-249	-57.2
No. Inbound calls, . . . . .	339	367	-28	-34.87
<hr/>				
TOTAL LONG DISTANCE CALLS				
	Out			
Peak load in calls per day, . . . . .	12	29	- 17	
	In			
Receipts from Long Distance business, . . .	17	26	- 9	
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<u>TELEGRAPH BUSINESS</u>				
Messages via Western Union, . . . . .				
Messages via . . . . .				
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TOTAL MESSAGES				
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Receipts from telegraph business, . . . . .				
No. of money transfer messages, . . . . .				
" " " " receipts, . . . . .				
<hr/>				
TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPTS.				

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH SERVICE

National Park for the Month of \_\_\_\_\_, 19\_\_\_\_

Description	19____		Monthly Average
	Actual	Percentage	
Local Business	2,100	100	2,100
Business of circuit maintained, of telephones connected, of measured service calls, of other local calls, total No. of local calls, work load in calls per day,	2,100	100	2,100

Receipts from measured service calls, " " " " telephone rental, " " " " " "

TOTAL RECEIPTS

Description	19____		Monthly Average
	Actual	Percentage	
Long Distance Business	1,100	100	1,100
Outbound calls, Inbound calls,	1,100	100	1,100
TOTAL LONG DISTANCE CALLS	1,100	100	1,100

TELEGRAPH BUSINESS

Messages via Western Union, Messages via \_\_\_\_\_

TOTAL MESSAGES

Receipts from telegraph business, of money transfer messages, " " " " receipts,

TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPTS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

\*ELECTRICITY GENERATED, SOLD, USED, ETC.

Yellowstone

National Park for the Month of May, 1936

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
Current generated, . . . . .	81,300	317,424	87,559	319,470	-2,046	- .646
Sold to park operators, . . . . .	2,904	4,224	2,209	4,167	57	1.367
Sold to others, . . . . .						
Furnished to other Governmental agencies, . . . . .						
Used by National Park Service						
lost in transit, etc., . . . . .	59,396	313,200	85,350	315,303	-2,103	- .667
Total current generated, . . . . .	82,300	317,424	87,559	319,470	-2,046	- .646

145.20

Amount receivable from the sale of electricity, . . . . . \$ .....

\* Indicated by K. W. H.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

ELIMINATED COSTS - 1951

Amount paid for the year 1951

Amount paid for the year 1951	To Date	To Date	To Date	To Date	To Date
1000000	1000000	1000000	1000000	1000000	1000000
2000000	2000000	2000000	2000000	2000000	2000000
3000000	3000000	3000000	3000000	3000000	3000000
4000000	4000000	4000000	4000000	4000000	4000000
5000000	5000000	5000000	5000000	5000000	5000000
6000000	6000000	6000000	6000000	6000000	6000000
7000000	7000000	7000000	7000000	7000000	7000000
8000000	8000000	8000000	8000000	8000000	8000000
9000000	9000000	9000000	9000000	9000000	9000000
10000000	10000000	10000000	10000000	10000000	10000000

Amount received from the year 1951

Amount received from the year 1951

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

Office of the Superintendent

May 7, 1936

Circular No. 8

Effective May 23, and until further notice, all waters in Yellowstone National Park will be open to fishing, with the following exceptions:

LAKES: Fish Lake, Shrimp Lake, and Buck Lake, near Soda Butte; Riddle Lake and Duck Lake, near West Thumb; and Fern, Tern, and White Lakes on the Mirror Plateau. Grebe Lake, in the vicinity of Canyon.

STREAMS: Campanula, Cougar, Duck, Maple, Gneiss, and Grayling creeks for their entire lengths inside of the park. All streams trapped by the Bureau of Fisheries shall be closed from the mouths of the streams and up the streams for a distance of three miles above the traps. Indian Creek, Panther Creek, and Glen Creek, and the Upper Gardiner River, above the water supply intake shall remain permanently closed to fishing.

SPECIAL AREAS: The Yellowstone River, from a point one hundred and fifty yards above Fishing Bridge to the Upper Falls, shall remain closed to fishing until June 20.

SPECIAL LIMITS: A limit of five fish per day, per person fishing, shall be in effect for an area within one mile radius of the West Thumb boat dock, and including all waters in Yellowstone Lake enclosed by a line from Gull Point, to the extreme north end of Stevenson Island, and continuing to the mouth of Pelican Creek. This limit shall also be in effect for the waters of the Yellowstone River, from Yellowstone Lake down to the Upper Falls. Parties taking boat trips to, or fishing in remote sections of Yellowstone Lake, or in sections of the Yellowstone River, which lie outside of the special limit area, shall be allowed the limit of ten fish per day per person fishing.

Streams trapped by the Bureau of Fisheries will be posted by them; and all other streams will be posted by the National Park Service.

F I S H I N G R E G U L A T I O N S

Ten fish per day, per person fishing, shall constitute the limit for a day's catch, except in certain waters where the limit may be decreased or increased as indicated by posted notices. No person shall have in his or her possession, at any one time, more than two days' catch.

The use of live minnows for bait is prohibited in Yellowstone National Park.

J. W. Emmert  
Acting Superintendent

Notice: POSTMASTERS PLEASE POST.





United States  
Department of the Interior  
National Park Service  
Yellowstone National Park  
Yellowstone Park, Wyoming

May 9, 1936

Office of the Superintendent

CIRCULAR NO. 9

The following Protection Department station and duty assignments for the summer of 1936 will become effective as soon as road conditions and other duties permit.

HEADQUARTERS

Francis D. LaNoue, Acting Chief Ranger. In charge of all protection department activities.  
Maynard Barrows, Acting Assistant Chief Ranger, in charge of Game Protection.  
Albert E. Elliott, Acting Assistant Chief Ranger, in charge of the Chief Ranger's Office.  
Curtis K. Skinner, Acting Assistant Chief Ranger, in charge of field inspection and trails.  
George A. Walker, Permanent Ranger in charge of Forestry.

SPECIAL ASSIGNMENTS

George W. Miller, Assistant Chief Ranger. In charge of E. C. W.  
Rudolph L. Grimm, Park Ranger, range study, with headquarters at the Game Preservation Ranch.  
Guy E. McCarty, Park Ranger, fish planting, with headquarters at Mammoth.  
Lee L. Coleman, Park Ranger, the Antelope Creek Buffalo Corral.  
Gerald P. Yetter, Park Ranger, Utility Ranger, headquarters at Mammoth.

RANCHES

Buffalo Ranch: Harry Trischman, Chief Buffalo Keeper.  
Tom Phillips, Assistant Chief Buffalo Keeper.  
David W. Pierson, Buffalo Herder.  
  
Lower Slough Creek Ranch: John Bauman, Park Ranger in Charge.

MANMOTH DISTRICT

Gardiner Station: John W. Jay, District Ranger

TOWER FALLS DISTRICT

Tower Falls Station: David Condon, District Ranger

SODA BUTTE DISTRICT

Soda Butte Station: F. Sheldon Dart, District Ranger  
Cooke Station: E. LeRoy Arnold, Park Ranger



WEST YELLOWSTONE DISTRICT

West Yellowstone Station: Frank Oberhansley, District Ranger  
Wayne Alcorn, Park Ranger  
Gallatin Station: Walter H. Gammill, Park Ranger

BECHLER RIVER DISTRICT

Bechler Station: Thomas K. Garry, District Ranger

SNAKE RIVER DISTRICT

Snake River Station: Judson Rhoads, District Ranger

LAKE DISTRICT

Lake Ranger Station: W. S. Chapman, District Ranger  
Raymond M. West, Park Ranger

Thumb Station: Verde Watson, Park Ranger

Sylvan Pass Station: Jack J. McNutt, Park Ranger

Thorofare Station: Robert Beal, Park Ranger

OLD FAITHFUL DISTRICT

Old Faithful Station: W. Leon Evans, District Ranger

CANYON DISTRICT

Canyon Station: Frank H. Anderson, District Ranger

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J. W. Emmert  
Acting Superintendent



United States  
Department of the Interior  
National Park Service  
Yellowstone Park, Wyoming

Office of the Superintendent

May 16, 1936

Circular No. 10

The Master Mechanic has been issued enough fire fighting tools to equip all Park Service passenger cars and pickups. One axe or hazel hoe, one shovel, and one canvas bucket will be placed on every car, and it will be the duty of employees driving these cars to see that they have these fire tools. These tools are not to be locked up and must be readily available. On as many pickups as possible, the tools will be placed on the side of the truck bed and on other cars they will be placed under the rear deck.

HELP PREVENT

FOREST FIRES

J. W. Emmert

Acting Superintendent



Department of the Interior  
National Park Service  
Yellowstone National Park  
Yellowstone Park, Wyoming

May 20, 1936

CIRCULAR NO. 11

The situation with regard to the handling of our Government switchboard at Mammoth has become quite critical and it is necessary that certain steps be taken in an attempt to improve the service and relieve the operators of many unnecessary duties which they are now performing. The opening of the apartment house has added 20 telephones and there are now 123 drops with only 15 sets of plugs.

Our telephone operators in the past have given service such as is not obtained from any city switchboard in that they have followed through calls for individuals, have placed orders at the meat market and stores in Gardiner and Mammoth, have helped locate children and members of families at various places in the community and other similar service.

Hereafter, beginning immediately, such service will be discontinued and the operators will ring three times, as is done on city boards, and if the party fails to answer the operator will say "Party doesn't answer" and will ring off.

It will be necessary for us to educate our people to refrain from asking special service from the operators and the operators are being instructed to merely place calls and not perform these special services. An information bureau is being established in Assistant Chief Ranger Elliott's office and all calls for information or special service to the operator will be referred by her to that office. If there is any criticism of the actions of the operators the operators will refer the complainant to Assistant to the Superintendent Joffe.

All reports regarding weak batteries or difficulties with telephones should be reported to the telephone operator who in turn will report same to George McMullin, who at present is in charge of the telephone system.

Some of the users of our telephones have been guilty of leaving their receivers off of the hook so as to eliminate the noise from ringing. The receiver should be removed from the hook only when in use.





In the past all calls have been placed through our switchboard by name. A new telephone directory is now in the process of preparation and when completed, within the next few days, will list all telephones by number so that it will be necessary that all calls be placed by number and not name. A directory will be provided for each park telephone.

In the matter of long-distance calls, when the conversations are not clear our park operators will not be expected to relay messages. This will have to be done by the long-distance operator.

The government lines are intended for government business and it is necessary that we curtail "visiting" on the lines. Our operators are being instructed to report excessive "visiting" by individuals.

It will aid the service on our switchboard if users of the telephones will "ring off" when their conversations are completed. This can be done by hanging up the receiver and giving a short turn to the hand crank. By so doing the drop on the switchboard will indicate to the operator that the conversation has been completed and she will better be able to tell when the line is free.

The WAE positions at present occupied by Mrs. Holman and Miss White have been made permanent and we are securing the services of two new full-time operators.

The information contained in this circular is a radical departure from our present operation of the switchboard. However, our board is antiquated and because of the tremendous increase in the volume of business which is coming over our board, through the establishment of the C.C.C. camps, the activities of the Bureau of Public Roads, the various contractors and operators and the new apartment house, and until we can secure funds for the purchase of a more modern switchboard, such action is necessary.

We are asking the cooperation of every user of the park telephone system in an effort to better our present service.

**FIRE CALLS WILL BE GIVEN PREFERENCE OVER ALL OTHER BUSINESS.**

J. W. Emmert  
Acting Superintendent



United States  
DEPARTMENT OF THE INTERIOR  
National Park Service  
Yellowstone National Park  
Yellowstone Park, Wyoming

May 21, 1936.

CIRCULAR NO. 12

Circular No. 6, dated March 25, issued by this office, is found to be in conflict with standardized travel regulations; therefore, this circular is superseded by the following:

Meals taken by employees at Government messes while in travel status will not be deducted from their salaries but will be credited to 304, Mess Operations, and transferred in the accounts as a debit to the particular project benefitted by the individual's travel. All meals taken at other than Government messes must be paid for by the individual traveling and reimbursement requested on a reimbursement travel voucher.

This is practically the same procedure which was in effect prior to the issuance of Circular No. 5, with the exception that meals taken at other than Government messes were billed to the Park Service and then transferred in the accounts. These meals must be paid for by the individual, but meals taken at Government messes will not be deducted and should be reported on the travel form which was in use prior to the aforementioned circular. Forms covering meals taken at Government messes while in travel status, or so-called official meals, must be reported by the fifteenth of the month following the month in which they were eaten, otherwise it will be impossible to give the individual credit and deductions will be made from his salary and no reimbursement allowed.

Please note that absence of less than ten hours cannot be considered travel status.

J. W. Emmert,  
Acting Superintendent



Department of the Interior  
National Park Service  
Yellowstone National Park  
Yellowstone Park, Wyoming

CIRCULAR NO. 13

June 3, 1936

With the appointment of three permanent telephone operators for the government switchboard, Mrs. E. A. Allan, Mildred Christenot and Esther E. Boyd, the following shifts will be in effect beginning tomorrow, June 4, and continue until October 4, 1936:

	<u>SHIFT NO. 1</u>	<u>SHIFT No. 2</u>	<u>SHIFT NO. 3</u>
MONDAY	6:30 a.m. to 1:00 p.m.	1:00 p.m. to 6:00 p.m.	6:00 p.m. to midnight
TUESDAY	6:30 a.m. to 1:00 p.m.	1:00 p.m. to 6:00 p.m.	6:00 p.m. to midnight
WEDNESDAY	6:30 a.m. to 1:00 p.m.	1:00 p.m. to 6:00 p.m.	6:00 p.m. to midnight
THURSDAY	6:30 a.m. to 1:00 p.m.	1:00 p.m. to 6:00 p.m.	6:00 p.m. to midnight
FRIDAY	6:30 a.m. to 1:00 p.m.	1:00 p.m. to 6:00 p.m.	6:00 p.m. to midnight
SATURDAY	6:30 a.m. to 1:00 p.m.	1:00 p.m. to 7:00 p.m.	7:00 p.m. to midnight
SUNDAY	off	6:30 a.m. to 2:30 p.m.	2:30 p.m. to 10:30 p.m.

	<u>MRS. ALLAN</u>	<u>MRS. CHRISTENOT</u>	<u>MISS BOYD</u>
June 4 to June 7 .....	Shift #1	Shift #2	Shift #3
June 8 to June 14 .....	Shift #2	Shift #3	Shift #1
June 15 to June 21 .....	Shift #3	Shift #1	Shift #2
June 22 to June 28 .....	Shift #1	Shift #2	Shift #3
June 29 to July 5 .....	Shift #2	Shift #3	Shift #1
July 6 to July 12 .....	Shift #2	Shift #1	Shift #2
July 13 to July 19 .....	Shift #1	Shift #2	Shift #3
July 20 to July 26 .....	Shift #2	Shift #3	Shift #1
July 27 to August 2 .....	Shift #3	Shift #1	Shift #2
August 3 to August 9 .....	Shift #1	Shift #2	Shift #3
August 10 to August 16 .....	Shift #2	Shift #3	Shift #1
August 17 to August 23 .....	Shift #3	Shift #1	Shift #2
August 24 to August 30 .....	Shift #1	Shift #2	Shift #3
August 31 to September 6 .....	Shift #2	Shift #3	Shift #1
September 7 to September 13 .....	Shift #3	Shift #1	Shift #2
September 14 to September 20 .....	Shift #1	Shift #2	Shift #3
September 21 to September 27 .....	Shift #2	Shift #3	Shift #1
September 28 to October 4 .....	Shift #3	Shift #1	Shift #2

Under no circumstances should a deviation from this schedule be made without first notifying and securing permission from Mr. Joffe.

The Government switchboard at the Lake will be open daily from 6:30 a.m. to 10:30 p.m., beginning June 15.

During the hours not covered by the above schedule the switchboard will be operated by enrollees from the Mammoth C.C.C. Camp so that 24 hour service will be available on the Government switchboard. Mrs. Aleda C. Joffe will act as relief operator.

Edmund B. Rogers  
Superintendent



United States  
Department of the Interior  
National Park Service  
Yellowstone National Park  
Yellowstone Park, Wyoming

June 4, 1936

Office of the Superintendent

CIRCULAR NO. 14

The following changes have been made in rangers' assignments for the summer season.

Bechler River District  
Bechler River Station - Jack McMatt, District Ranger

Lake District  
East Entrance Station - Thomas F. Garry

These changes shall become effective immediately.

Flaund B. Rogers  
Superintendent





Department of the Interior  
National Park Service  
Yellowstone National Park

SPECIAL TO ASSOCIATED PRESS, UNITED PRESS AND WESTERN NEWSPAPERS:  
Release ON RECEIPT

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Yellowstone Park, Wyoming, May 9: With Yellowstone National Park's rotary snow plow working at present in about ten feet of snow near Lewis Lake, the north and west gates are now open to motorists and the main points of interest at Mammoth Hot Springs, Old Faithful, Canyon and Tower Falls are accessible, park authorities announced today.

Park rangers will begin the collection of the \$3 motor vehicle license fee at the north and west gates beginning May 15 but it will probably be June 10 before the east and south gates are cleared of snow so that travel can be permitted over them. Because of the heavy snow on the new northeast entrance road from Red Lodge to Cooke, Montana it is not expected that this highway will be in suitable condition for travel before July 1.

Following the opening of the south and east entrance roads the plow will return to Old Faithful and open the Continental Divide road from Old Faithful to West Thumb and will then open the Dunraven Pass road from Canyon to Tower Falls.

Meals and lodgings are now obtainable at the general store at Old Faithful while the stores and gasoline filling stations are also open at present at Mammoth Hot Springs and Canyon. Beginning Decoration Day the housekeeping cabins and cafeterias will be open at Mammoth, Old Faithful, Fishing Bridge and Canyon and will provide the necessary accommodations until the hotels and lodges open on June 20.

The fishing season will open on May 23 and while many of the streams will be high and muddy at that time some of the waters will be sufficiently clear to permit good fly fishing.

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J. J.



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

May 8, 1936

Memorandum for all employees and residents of Yellowstone National Park:

Several fatalities occurred in Yellowstone National Park during the 1935 season, as a result of automobile accidents. The surrounding States are enforcing strict traffic regulations in an effort to minimize auto accidents, and it is felt that it is necessary to do the same in Yellowstone Park.

Your cooperation in this matter is requested and it is expected that all persons employed in the Park will set an example by driving carefully and by observing the National Park Service traffic regulations. A copy of the Rules and Regulations may be secured at any ranger station or at the Chief Ranger's Office.

J. W. Emmert  
Acting Superintendent



United States  
Department of the Interior  
National Park Service  
Yellowstone Park, Wyoming

May 16, 1936

General Memorandum No. 6-36

Federal regulations require that any Government employee, whose duties involve the handling of Government funds, be bonded in amounts commensurate with the amount of funds involved. Inasmuch as all park rangers are subject to assignment to entrance stations, messenger duty, or otherwise handling of Government funds, it shall be required that all rangers be bonded.

Applications for bonds are available at the Chief Ranger's Office and all rangers should make arrangements for executing these applications at the earliest possible date. The minimum premium accepted by all bonding companies is \$5.00. This premium will provide coverage for maximum coverage of approximately \$3700.00, which will be the maximum bond required for any ranger. The minimum bond shall be not less than \$3,000.00.

Francis D. LaMoue  
Acting Chief Ranger

Approved by: J. W. Eumert  
Acting Superintendent



United States  
Department of the Interior  
National Park Service  
Yellowstone Park, Wyoming

May 22, 1936

General Memorandum No. 7-36:

There is inclosed herewith copies of two memorandums, which have been issued to department heads, outlining the procedure to be used in handling Park Service transportation facilities in Yellowstone Park.

In order to comply with this regulation, it has been decided that the Chief Ranger's Office shall act as a clearing house for all motor vehicles assigned for protection department use. It will be necessary that all rangers located at stations at which a government car is assigned, call the Chief Ranger's office each morning and advise whether or not the vehicle is going to be used during that day. Each ranger should keep a time slip on the car which he uses, showing the proper charge account number for each day that the vehicle is used.

All vehicles when not in use will be held in the general pool. Vehicles assigned to stations in the interior of the Park will, when not in use, be turned over to the man designated as dispatcher at that location. In any event the Chief Ranger's Office should be notified before the motor vehicle is pooled and at all times when the vehicle is taken out of the pool for use on protection department work.

A sample time slip is inclosed herewith showing the account numbers administered by the protection department.

Francis D. Lanoie  
Acting Chief Ranger





United States  
Department of the Interior  
National Park Service  
Yellowstone National Park  
Yellowstone Park, Wyoming

May 1, 1936

MEMORANDUM TO ALL DEPARTMENT HEADS:

After May 1, in compliance with instructions from the Director, all motor vehicles will be considered in a pool and will not be definitely assigned to an individual. Master Mechanic Robinson will be master of transportation and all transportation will be dispatched by his department. Howard Kocher will carry the detail of dispatching. Rufus Cramer has been detailed as traveling inspector of transportation and will inspect all equipment to determine its condition and whether it is being efficiently and properly used. Mr. Cramer will also audit timeslips, both truck and per diem personnel, in the field to see that correct time is being kept.

Beginning May 1, all motor vehicles will be handled through Account 301, Truck Operations. In the past it has been the custom to charge operating expenses for permanently assigned vehicles to the job which they were working on. After May 1, all such operating expenses, including the drivers' time, will be charged to Account 301, Truck Operations, and will be prorated to the various accounts benefitted. This includes all motor vehicles except passenger carrying cars, the operating expenses for which will be charged to 217, as has been done in the past.

This will necessitate accurate timeslips being turned in for all motor vehicles. These should be furnished to the Master Mechanic not later than the morning of the second day of the month for the previous month. Timeslips must show exactly what project the particular truck was working on for each day or one-half day. Time will not be broken down into smaller units than one-half day.

All gasoline, oil, washing, greasing, etc., will be charged to Account 301 for all vehicles except passenger carrying vehicles and will be prorated on the basis of a flat rate to the accounts benefitted. It is estimated that pickups, without drivers, will rent for \$1.50 per day, trucks with and without drivers will be prorated in accordance with the accumulated costs.

Therefore, any time that a truck is not needed by a department, it should be returned to the pool to eliminate the flat rate charge being made to your project. All truck timeslips must show whether the time was with or without driver.



As has been stated, drivers' time in all cases will be charged to Account 301, Truck Operations, and will become a part of the truck rental. Truck drivers' time must not be included on the same timeslips with other classes of employees. However, it is permissible to put as many truck drivers on one timeslip as is necessary. The time of truck drivers will be kept by the department heads or the foreman in the field where a truck is assigned more or less definitely and continuously to them. Truck drivers' time will be handled the same as other classes of employees and picked up by those designated on the last day of the month. They must be turned over to the Master Mechanic, at the earliest date possible in order that he can in turn check them and turn them over to the paymaster for payment.

J. W. Emmert,  
Acting Superintendent



United States  
Department of the Interior  
National Park Service  
Yellowstone National Park  
Yellowstone Park, Wyoming

May 12, 1936

MEMORANDUM TO ALL DEPARTMENT HEADS:

In view of recent instructions that all motor vehicles be considered as in a pool and not definitely assigned, the following regulations are promulgated to assist in clarifying procedure in connection therewith. At stations other than Mammoth the road camp will be considered the pool location and all vehicles taken therefrom must be returned thereto when not in use. They must not be taken from those pools without permission from the dispatcher, except in emergency cases; and, in case of emergency, the dispatcher should be notified as soon as possible the vehicle taken and the reason for taking it prior to getting his authority for taking it from the pool.

This also applies at Mammoth and no cars should be taken from the garage without authority from the dispatcher, except in cases of dire emergency.

Notice of need, or requests for transportation of all kinds, should be given the dispatcher as far in advance as possible. He will be in a much better position to comply with your requests and needs if given an opportunity to plan in advance.

All cars which are rented more or less continuously by a department must be reported by the user on timeslips showing the time it was in use and the project benefitted for each day or half day. These vehicle timeslips must be in the hands of the dispatcher not later than noon of the first day of each month for the preceding month.

Under no consideration are Government vehicles to be used for transportation between office and domicile or office to meals. Please see notice of criticism and punishment for the misuse of Government vehicles which will be posted on all bulletin boards.

J. W. Emmert,  
Acting Superintendent



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

SUMMARY OF WEATHER CONDITIONS

at

MAMMOTH HOT SPRINGS, YELLOWSTONE NATIONAL PARK

MAY, 1936.

The mean temperature for the month was 51.1°, or 3.7° above the normal. With the exception of May, 1934, this has been the warmest May on record since 1904.

The highest temperature during the month was 85°, on the 30th. This high temperature breaks all records since 1904. The lowest temperature during the month was 28°, on the 17th. With the exception of May, 1926, which also had a minimum temperature of 28°, this is the highest minimum temperature since 1904. The entire month was much warmer than normal, with the exception of very moderate cool weather from the 5th to the 8th, on the 16th and 17th, and from the 20th to the 23rd.

Precipitation during the month was 0.61 inch, or 1.64 inches below the normal. This is the smallest May precipitation since 1904, with the exception of May, 1924, 1928 and 1934. Total snowfall during the month was 4.5 inches, and most of it fell on the 5th, 6th and 7th. Precipitation since January 1 has amounted to 5.87 inches, as compared with a normal of 8.37 inches. The very warm weather has dried the ground considerably and vegetation is suffering from the lack of proper moisture.

There were 7 clear, 19 partly cloudy, and 5 cloudy days during the month. Precipitation fell on 14 days, with 0.01 or more falling on 8 days. Hail fell on the 16th and 31st. The average wind velocity for the month was 8.6 miles per hour, and the highest velocity reached was 37 miles per hour, from the southwest, on the 20th. The prevailing wind direction for the month was southwest. The percentage of possible sunshine was 71. The lowest observed relative humidity was 13%, on the 26th, and the humidity for the month as a whole was rather low.

A. L. King.

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
RESEARCH REPORT NO. 1000  
1955

The following is a summary of the results of the experiments described in this report. The first part of the report describes the synthesis of the compound and the determination of its molecular weight. The second part describes the study of the compound's properties and its reaction with various reagents. The third part describes the study of the compound's structure and its relationship to other compounds in the series.

The compound was synthesized by the reaction of the starting material with the reagent in the presence of a catalyst. The reaction was carried out at a temperature of 100°C for a period of 24 hours. The product was purified by distillation and its molecular weight was determined by the method of boiling point elevation. The results of the molecular weight determination are given in Table I.

The compound was found to be a colorless, crystalline solid which melts at 120°C. It is soluble in a number of organic solvents, including benzene, chloroform, and carbon tetrachloride. It is insoluble in water and dilute aqueous solutions of sodium chloride and sodium sulfate. The compound is stable to air and light, but it is sensitive to strong oxidizing agents.

The compound reacts with a number of reagents, including acids, bases, and oxidizing agents. The reaction with acids is described in Table II. The reaction with bases is described in Table III. The reaction with oxidizing agents is described in Table IV.

The structure of the compound was determined by a number of methods, including elemental analysis, infrared spectroscopy, and mass spectrometry. The results of these studies are given in Table V. The structure of the compound is shown in Figure 1.

The compound is related to other compounds in the series by the presence of the functional group. The relationship between the compound and other compounds in the series is shown in Table VI.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

MONTHLY METEOROLOGICAL SUMMARY.

Station, Yellowstone Park, Wyo.; month, May, 19 36.

Date	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of day.	% of possible sunshine	ATMOSPHERIC PRESSURE. (Reduced to sea level in inches and hundredths.)		
	Max.	Min.	Mean.				Mean	lowest	highest
53	37	45	0	Pt. Cldy	54	Mean 30.007	lowest 29.48	highest 30.34	date 17
59	36	48	0	Cloudy	56	lowest 28	highest 31	date 31	
70	44	57	T	Pt. Cldy	66	Highest 85	lowest 28	date 17	
72	39	56	.02	Pt. Cldy	76	Greatest daily range 40	lowest 7	date 30	
55	29	42	.13	Cloudy	17	Least daily range 7	date 6		
36	29	32	.14	Cloudy	0	MEAN RELATIVE HUMIDITY (Percentage).			
48	31	40	.07	Pt. Cldy	57	a. m. 68.8; local noon, 31.4; 6 p. m. 33.8			
60	29	44	0	Clear	100	WIND.			
67	32	50	0	Clear	100	Prevailing direction SW; total movement 6,381 miles;			
72	32	52	0	Clear	94	average hourly velocity 8.6; maximum velocity (for five minutes) 37 miles per hour, from SW			
74	40	57	T	Pt. Cldy	86	on 20			
66	38	52	0	Pt. Cldy	78	Maximum wind velocity this month since 1904 (By three-cup anemometer) 43 S 1927			
75	37	56	T	Pt. Cldy	76	WEATHER. (True velocity)			
78	42	60	0	Clear	100	Number of days, clear 7; partly cloudy 19; cloudy 5			
65	39	52	.01	Pt. Cldy	60	on which .01 inch, or more, of precipitation occurred 8			
51	33	42	.09	Pt. Cldy	58	MISCELLANEOUS PHENOMENA (dates of).			
58	28	43	0	Clear	86	Auroras None; halos: solar 2, 22; lunar 2			
58	31	50	0	Clear	100	Hail 16, 31; sleet None; fog None			
73	41	57	0	Pt. Cldy	87	Thunderstorms 19, 29, 30, 31.			
50	34	42	T	Pt. Cldy	53	*Frost: light 8, 9, 10; heavy None; killing 17, 22			
50	30	40	T	Pt. Cldy	42	13, 18, 21, 23.			
58	29	44	0	Pt. Cldy	74	Normal for this month 47.4			
65	33	49	0	Pt. Cldy	48	Absolute maximum for this month for 49 years 89			
72	38	55	0	Clear	99	Absolute minimum for this month for 50 years 15			
75	39	57	0	Pt. Cldy	88	Average daily excess (+) or deficiency (-) of this month as compared with the normal +3.8°			
79	40	60	0	Pt. Cldy	80	Accumulated excess (+) or deficiency (-) since January 1 -160°			
76	44	60	.08	Cloudy	60	Average daily excess (+) or deficiency (-) since January 1 -1.1°			
70	45	58	0	Pt. Cldy	90	PRECIPITATION.			
82	43	62	0	Pt. Cldy	87	Total this month 0.61; snowfall 4.5			
85	45	65	T	Pt. Cldy	75	Greatest precipitation in 24 hours 0.20; date 6-7			
74	46	60	.07	Cloudy	42	Greatest 24-hour snowfall 2.8; date 6-7			
65.7	36.5	51.1	0.61	Total.	71	Snow on the ground at end of month 0.0			
						TOTAL PRECIPITATION IN THIS MONTH IN			
						1871 82 93 1.01 04 1.31 15 2.33 20 2.19			
						1872 83 94 2.26 05 2.46 16 2.23 27 2.96			
						1873 84 95 1.68 06 2.01 17 1.97 28 0.51			
						1874 85 96 3.85 07 2.16 18 1.95 29 1.04			
						1875 86 97 1.55 08 3.38 19 1.29 30 1.04			
						1876 87 98 1.95 09 0.95 20 2.84 31 1.61			
						1877 88 99 2.52 10 2.34 21 4.48 32 1.69			
						1878 89 00 1.40 11 2.42 22 2.19 33 1.08 1.15			
						1879 90 01 2.00 12 2.72 23 2.17 34 1.71 0.42			
						1880 91 02 2.12 13 1.59 24 2.81 35 0.43 1.31			
						1881 92 03 2.06 14 0.65 25 1.14 36 2.32 0.61			

Total degree days this month: 428  
 NOTE.—“T” indicates trace of precipitation.  
 In the autumn frosts are not recorded after the occurrence of “killing,” except in Florida and along the immediate coast of the Gulf of Mexico.  
 Lowest observed relative humidity, 3%, on 26th, at 6:00 p. m.  
 A. I. King  
 Weather Bureau.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

\_\_\_\_\_  
MONTHLY

METEOROLOGICAL SUMMARY.

STATION

MONTH

\_\_\_\_\_, 19



