(DRAFT)
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
MAMMOTH HOT SPRINGS, WYOMING

May 20, 1960.

MEMORANDUM FOR PARK MAINTENANCE:

The enclosed regulation book is for your own use and should be kept at your station.

When you decide to have property taken for government use please fill out and sign the requisition for same. It should be made out in triplicate and sent then immediately, signed, and sent to this office. We will OK it and send it to the commission and they will deliver the property to you.

Please do not condemn property of a questionable material. Property may be defined as an item or thing which does not lose its form immediately on being put to its intended use. There are, however, a few items such as flags that are immediately put to use under the property definition.

No account number is necessary on a property requisition. The requisitions should be clearly typed and signed before sending them to the office.

Sincerely yours,

George L. Hardy
Chief Ranger

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ay, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

~~Yellowstone~~ NATIONAL PARK

FILES

FILE NO. 143

JUNE
1930

MONTHLY REPORT

JUNE 1930

IMPORTANT

This file constitutes a part of the official records of the ational Park Service and should not be separated or papers thdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure observe these rules, which are necessary to protect the integ- y of the official records.

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE: 1929 6—7410

FILE COPY

July 3, 1930.

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

Dear Mr. Director:

Following is the report of the activities of Yellowstone National Park for the month of June 1930:

000 - General

The month of June saw the fifty-eighth opening of the park. The ceremonies marking the opening this year were held at Gardiner, Montana, on the 18th and were arranged by the Northern Pacific Railway. They were less elabotate than in former years, being held mainly for the purpose of obtaining movietone pictures for the news reel people with a view to further advertising the park. Mrs. John F. Sippel, National President of the General Federation of Womens Clubs, was the guest of honor and she was accompanied by her daughter, Mrs. Wm. H. Maltree, Mrs. S. F. Bonsecut, President of the Montana Federation of Womens Clubs, and several other members of the Federation. Upon leaving the train at Gardiner, Mrs. Sippel and her party were escorted to the loading platform where an old-time stagecoach, one used in the pre-bus days of the park, was waiting to drive her through the entrance arch. A mounted escort of park rangers lead the procession through the arch and Mrs. Sippel and her party were then transferred into park buses and taken to Mammoth. Upon arrival at Mammoth a short address of welcome was made in front of the administration building by the superintendent and Mrs. Sippel responded with a short talk on "American Womanhood and the National Parks." This concluded the ceremonies but Mrs. Sippel, accompanied by the superintendent, departed in the afternoon for the Canyon where special movietone pictures were made at Artist Point. Mrs. Sippel covered the loop during her park stay and departed via Cody on the 22nd. While at Old Faithful on the 19th she witnessed an eruption of the Giant Geyser.

While most of the park roads were passable by the beginning of June some of them were not opened to travel and it was not until the 15th that visitors were permitted through the east entrance. Dunraven Pass was open on the same day while the Continental Divide road was open to travel on the 8th and the south entrance on the 10th. Superintendent Woodring of Grand Teton National Park

July 1, 1920.

The Secretary,
National Tube Service,
Washington, D. C.

Dear Sir: Wireless

Following is the report of the activities of Wireless Service during the month of June 1920:

000 - General

The month of June saw the city-wide opening of the parks. The overcrowded condition during this year were held in check, however, as the light was more arranged by the Recreation Bureau officials. They were less plentiful than in former years, being only partially for the purpose of entertaining the public in the parks. Mr. Elgin T. Bigsby, Recreation Bureau of the Department of Public Welfare, was the guest of honor and he was congratulated by Mr. Robert Lamb, Mr. E. H. Holmes, Mrs. A. T. Brannan, President of the Recreation Bureau of Women Clubs, and several other members of the Public Welfare Bureau. Lawn Parties the Week of December 20th. Model and Doll Parts were assisted in the Lighting Pageants where or old-time Christmas, was held in the pre-Lee City of the park, was setting in place for Through the Children week. A massed Band of park music is lead the procession through the park and for. Bigsby and Mr. Pretty were then transferred into park where was taken to Tennyson. Then arrived at Kennedy a short address of welcome was made in front of the Model Wireless Lighting by the Superintendent and Mrs. Bigsby responded with a short talk on "Service Theodore and the National Service." This concluded the ceremonies for Mrs. Bigsby, accompanied by the superintendent, returned to the Wireless for the Oregon Wireless equipment was also made at Jackie Point. Mrs. Bigsby crossed the lake during the park play and departed via canoe to the Park. Wireless at Old Jackie on the lake was discovered an exception of the Black Hawk.

Data sent of the lake scenes were presented by the Department of Home of the Home Are Opened to Travel and the Lake Jackie Bigsby. Interest was kept on the Wireless Pleasing through the Joint Wireless. Interest was kept on the Wireless Pleasing while the Institutional Children Band was open to travel as the Jackie and the Wireless Wireless on the Lake. Superintendent Department of Travel Wireless Bigsby

drove the first car over the south entrance road on the 3rd. Travel over Mt. Washburn was permitted on the 29th. The fishing season was opened on June 1st, and the reports received during the month indicated that excellent catches were being made.

100 - Administration

110 - Status of Work

I spent the entire month in the park, with the exception of one trip to Livingston, visiting all of the entrances and covering the entire loop on several occasions.

By the 15th of the month the entire clerical force was complete and work was kept current.

120 - Park Inspections By

121 - Superintendent

On June 2nd, in company with Park Naturalist Yeager, I accompanied Professor Robert F. Griggs, discoverer of the Valley of Ten Thousand Smokes and leader of the Katmai Expeditions for the National Geographic Society, from Mammoth as far as the Fountain Geyser, returning the same evening. On the 5th, in company with Chief Ranger Baggley, Mr. Nichols, Mr. Goodwin and Mr. Ancony, of the Flying D Ranch, a trip was made to look over the range in the vicinity of Blacktail Deer Creek with a view to finding a new location for the pasturing of the Transportation Company horses. On the 10th, Chief Ranger Baggley and I left Mammoth for Old Faithful by car, took saddle horses there and proceeded to the Shoshone Geyser Basin, spending the night at the snowshoe cabin there. A thorough inspection of the area was made. The following day we continued horseback to the south entrance road where a car met us and returned us to headquarters.

On the 13th, in company with Major Gilmore D. Clarke, Landscape Architect for the Westchester County Park Commission, New York, I made a trip to Tower Falls and the small lake between there and the Buffalo Ranch where Mr. George Wright and Joseph Dixon were studying a family of trumpeter swans, the largest aquatic bird, now almost extinct in the United States. The following day Mr. Edwards and I made the entire loop trip and on the 17th made a similar trip with Mr. Vint and Mr. McCarter to look over landscape problems.

On the afternoon of the 18th I went to the Canyon for some special movietone pictures filmed at Artist Point with Mrs. Sippel.

On the 21st I made the loop trip, as far as the Canyon, in one of the new special 14-passenger buses which the Transportation Company is trying out and returned to Mammoth in a Government car. Mr. Edwards and Mr. Lord also made this trip.

The following day I went to the east entrance and spent the night at the Lake, proceeded the next day to Delusion Lake with Mr. Fred Foster, Captain Culler, Chief Ranger Naggley and others. Spent the night at the Lake Hotel and returned to Mammoth at noon the next day.

On the 27th I proceeded to Livingston with Mr. Harry Ade, of the Forest Service, and Mr. William Rush for a conference with Mr. Alben Bodine, representing the Hill Cattle Corporation interests, regarding the purchase of land north of the park for an elk range, returning the same evening. On the 29th a trip was made to Old Faithful, Thumb and Moran, returning to the Canyon for the night. I returned to Mammoth the following day.

122 - Special Field Representatives of National Park Service

Mr. Charles L. Gable, Chief Auditor for the National Park Service, came in via Gardiner on June 30. He will be in Yellowstone until July 10, when he will leave for Glacier National Park.

Mr. W. A. Blossom, Auditor for the National Park Service, entered via the west gate on the afternoon of June 28. Mr. Blossom will spend two or three weeks here.

123 - National Park Service Officers

Mr.Thomas C. Vint, Landscape Architect, came in via West Yellowstone on June 14 and left via the south gate on June 18.

Mr. Kenneth C. McCarter, Assistant to Chief Landscape Architect Vint, was in the park the entire month and went out July 2nd.

Mr. Sam T. Woodring, Superintendent of Grand Teton National Park, came in at the south gate on June 3. He spent the night of the 3rd at Mammoth and all the day the 4th, and left via the south gateway on June 5. His was the first car to come through the south entrance. He came in again on June 29, and spent the day at Buffalo Ranch and Mammoth and returned to his park the same night.

124 - Other Government Officers

Mr. H. B. Hommon, Sanitary Engineer, U. S. Public Health Service, San Francisco, California, came in via Cody on June 20 and left via Gardiner on June 26.

Mr. Fred Foster, Bureau of Fisheries, Salt Lake City, came in via the west gate on June 14, and left for Salt Lake on the 28th to get his family and bring them to Yellowstone.

Dr. O. J. Murie, Bureau of Biological Survey, Jackson, Wyoming, came in via the south gate on June 24 and left via the same gateway on June 26.

Mr. C. T. Hanson, Postal Inspector, Sheridan, Wyoming, arrived via Gardiner on June 10, and left via Gardiner on the 11th.

Mr. A. E. Abbott, Forest Supervisor, Gallatin National Forest, Bozeman, Montana, came in via Gardiner on June 17, and left via the same gateway on June 17. He was accompanied by Professor Edmund Burke of the Montana State College at Bozeman.

Mr. J. C. Evenden, Bureau of Entomology, Coeur d'Alene, Idaho, arrived via Gardiner on June 8, and left via West Yellowstone on June 25.

Mr. C. F. Culler, Bureau of Fisheries, La Crosse, Wis., came in via Gardiner on June 13.

Dr. R. R. Spencer of the U. S. Public Health Service, Washington, D.C., entered via Gardiner on June 29. He will be in the park for some time to make an investigation and study of the causes of the epidemic which occurs each summer in Yellowstone.

Mr. Harry Ade, U. S. Forest Service, Missoula, Montana, arrived via Gardiner on June 26. He left via the same gateway on July 2nd. Mr. Ade came to discuss purchasing the Hill property for the northern elk herd.

127 - Other Agencies

Messrs. Charles B. Read and C. Jensen of the Paleobotanical Research Department of the Carnegie Institute, came in the evening of May 30 and will be here for some time continuing work of last year in connection with the collection of borings in petrified trees. Drs. A. E. Douglas and Ralph W. Chaney will also be here during the summer in connection with this work.

Dr. R. T. Allen of the Geophysical Laboratory, Washington, D.C., entered via Gardiner on June 14.

140 - Labor Situation

There were plenty of men seeking employment and we had no difficulty whatever in finding suitable men for all available positions. On account of this abundance of labor and wages on the outside, a reduction in our wage scale was made, which will result in a considerable saving to the Government.

150 - Equipment and Supplies

The following new equipment was received during the month:

2 - Ford Coupe trucks, for use of Naturalist Division.
1 - 5-passenger Buick car, Model T 47, for administrative use.
2 - 10-20 Austin Western, one-man patrol graders, each weighing 12,775#, with 10-foot blade.

Dr. G. E. Abbott, former chairman, retiring director, [illegible]
[illegible], [illegible] via [illegible] on June 17. [illegible] left via air
[illegible] on June 17. He was accompanied by Professor [illegible] of the
[illegible] Chair of Science at [illegible].

Mr. A. C. Crombie, Curator of Zoology, Royal Ontario Museum, [illegible],
arrived via railway on June 8, and left via [illegible] on June 9.

Mr. A. J. Duffin, Bureau of Fish [illegible], [illegible] via
via [illegible] on June 12.

Dr. [illegible], Director of the U. S. Public Health Service, [illegible],
i.e., arrived via [illegible] on June 23. He will be in the park for some time
to make an investigation and study of the sources of the [illegible] which
occur each summer in Yellowstone.

Mr. [illegible], Mr. A. [illegible], [illegible], [illegible], [illegible]
via [illegible] on June 26. He left via the same gateway on July 2nd. Mr.
[illegible] came to [illegible] during the [illegible] for the [illegible] via [illegible].

July - [illegible]

[illegible], [illegible] 1, [illegible] of the [illegible]
[illegible] departures of the [illegible], [illegible] in the [illegible] of July 29
and will be here for some time [illegible] work of last year in connection
with the [illegible] of [illegible] in [illegible]. Mr. A. E. [illegible] and
Ralph H. [illegible] will also be here [illegible] the [illegible] in connection with
this work.

Mr. E. W. [illegible] of the [illegible] Laboratory, [illegible], D.C.,
arrived via [illegible] on June 14.

July - [illegible]

[illegible] plenty of [illegible] equipment and we had no difficulty
whatever in [illegible] [illegible] for all available positions. On account of
the absence of [illegible] and [illegible] on the [illegible], a reduction in the wage
scale was made, which will result in a considerable saving to the Government.

[illegible] and [illegible]

The following new equipment was received during the month:

1 - Ford Coupe [illegible], for use of Superintendent [illegible].
1 - [illegible] Pickup Car, Model [illegible], [illegible].
2 - Low-[illegible] [illegible], one-[illegible] [illegible], each
weighing [illegible], with 10-foot blade.

180 - Circulars, Bulletins, etc.

Circulars Numbers 3 to 5, inclusive, were issued during the month and copies are attached hereto. No Nature Notes were issued but the June number was completed by the end of the month and copies will be sent out early in July.

Mr. H. J. Libby of the Associated Press, St. Paul, Minnesota, was selected to handle the publicity work in the park for the summer and a number of press releases were sent out, copies of which are attached.

200- Maintenance, Improvements and New Construction

Maintenance: Heavy maintenance started in May, consisting for the most part of scarifying and reshaping the major length of the Loop, was continued throughout the first half of the month. Funds were available to continue this activity up to the first of July but due to the breakdown of the old 75 Holt Caterpillar used on this work and a wornout Galion motor patrol used as follow-up equipment, this plan had to be abandoned.

In line with the usual Spring work plan, the general maintenance and snow removal crew was established at Dunraven Pass and Mt. Washburn on June 1. Dunraven Pass was open to travel on June 5, and while the Mt. Washburn road was in passable condition on June 18, it was not opened to general traffic until June 29. Establishment of the remaining general maintenance crews was begun on June 8 and completed on June 15.

Road oiling as a dust prevention measure was begun on June 10, and by the end of the month approximately 200,000 gallons had been spread, resulting in the treatment of slightly more than 100 miles of the main Loop roads.

220 - Improvements

Carpenter Shop: A considerable part of the month was devoted to painting and lettering signs and putting them up. Other work consisted of mixing paints, cementing and varnishing maps in trailside registers and miscellaneous odd jobs around headquarters. The Foreman Carpenter and his helpers were engaged mostly on new construction, which is given under "230" in this report.

Electrical Department: The usual maintenance was carried on by this department. Telephone maintenance was exceptionally heavy during the month because of numerous wind storms and lightning. A new 1500 foot power line was built at Lake from the Hotel company's engine room to Fish Hatchery buildings. The Fish Hatchery messhouse and bunkhouse were completely wired. The Government messhouse at Lake was also wired.

Sanitation Department: The following is a report of work done by this department during this month: The usual maintenance work on the sewer and water systems was carried on during the month. The Mammoth Auto Camp water system was completely overhauled and put in operation for the summer. At

3Ab - Structure, Building, etc.

Structure Numbers 1 to 5, inclusive, were issued during the week and begins its attack on Sarvto. So Marine Corps issue issued by the Commander was completed by the end of the week and engine will be sent out early in July.

On 2, 4, Study of the completed Press, 2d, Jail, Commerce, was completed in Monthly the publicity work in the part for the Monsor jail a number of press releases were sent out, copies of which are attached.

3Ac- Maintenance, Improvement and New Construction

Maintenance. Heavy maintenance started in July, consisting for the most part of installing and completing the major length of the hangar, was completed throughout the first half of the month. Funds were available to complete installing up to the point of only bed due to the importance of the old 75 foot turntable work on this work and a working turntable motor pulled and to replace equipment. This plan had to be abandoned.

In line with the small repair work plan, the general maintenance and more removal work was substituted at Sarvto plan and 75. Buildings on "Ser 1. Ser" plan have now open to storage to Type 5, and while the Engineering road was in passable condition on June 15, it was not opened to general traffic until June 25. Installation of the remaining general maintenance work on June 5 and completed on June 15.

Road siding on a 10 m provisions hangers was begun on June 15, and by the end of the month approximately 200,000 gallons had been opened, resulting in the storage of slightly more than 100 miles of the main long roads.

3Ad - Improvements

Property Depot. A considerable part of the month was devoted to painting and installing signs and painting them up. Other work consisted of minor points, overhaling and remodeling work in installed and installations and jobs around hangarers. The Torsion Bridge Ser and 51 hangars were equipped mostly on new structures. Work is also under "Ser" in this month.

Electrical Improvements. The small maintenance was carried on by this department. Lighting and fixtures was completely being finished the month because of preserve also shows and lighting. A new 1500 foot power line was built at a cost from the Local company's engine room to jail in order installed. The fish hatchery machinery and installation were completely work.
The improvement continues as long was also work.

Heating Improvement. The relaying is a report of work done by this department during this month the usual maintenance work on the sewer and water system was carried on during the month. The Sarvto jail hot water system was completely overhauled and put in operation for the winter. As

Norris, work of excavating and laying of pipe necessary to supply new museum, comfort station and messhouse with water was done, also roughing in plumbing for one comfort station. Sewer system to take care of the museum and comfort station was also installed. At Old Faithful chlorination of sewage was commenced on June 15. At Lake the water and sewer systems were overhauled and put in working order. The incinerator was put in operation June 20. The chlorine machine was put in operation June 15. At Fishing Bridge, Canyon and Tower Falls miscellaneous repairs were necessary to put these sewer and water systems in working order for the season.

Mechanical Department: The entire time of this department was devoted to the maintenance of the freighting fleet and of other mechanical equipment.

230 - New Construction - Roads and Buildings

Loop Betterment, Project 525.3 - Madison-West Yellowstone. Work on this section located at the 4-mile post from West Yellowstone was practically completed in May, requiring only three days of light finishing work.

Loop Betterment, Project 525.1, Madison-Old Faithful. This project consists of two separated sections, a short change of location at the Fountain Paint Pots and a heavy cut at the 7-mile post from Old Faithful. Steam shovel and heavy grading was completed on this section on June 14, and the work for the balance of the month consisted of finishing and hauling in binder material.

Project 502, Mammoth-Norris. Construction work on this project is being carried on in two sections, the Mammoth Lodge-Jupiter Terrace section at Mammoth and a continuation of the previous work north of Norris. In order to meet traffic problems, work was begun on the upper end of the first mentioned section and the first big cut completed, the steam shovel then being moved to a point above Mammoth Lodge and out of the way of the season's travel. About 10,000 yards of unclassified material was moved on this section during the month and finishing is following closely behind the rough grade. All heavy equipment and the most of the crew was transferred from the Madison-Old Faithful project to Beaver Lake on June 16, and work started on the second above-mentioned section of the Mammoth-Norris project. Work on this section is so planned that shovel work will be carried on at points off the traveled road during the period of heavy traffic and these isolated points joined up at the end of the season's travel. About 5,000 yards of unclassified material was moved on this section.

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Buildings: Ranger Cabin at Soda Butte, Project 402, was finished except for putting on the roof. Lake Bunkhouse (Project 403) and Lake Messhouse (Project 404) were finished. The snowshoe cabin at Miller Creek (Project 412) was finished with the exception of staining it. The stable at Norris (Project 419) was completed. The comfort station at Norris (Project 421) was finished except for plumbing.

260 - Landscape Work

During the month of June Mr. G. D. Clarke of the Westchester County Parks Commission of New York spent ten days at Mammoth Hot Springs preparing a general plan for the area which he had submitted to the Director for approval. Mr. Vint was also in the park at that time in collaboration with Mr. Clarke. A thorough study was made of the area and the plan proposed appears to be a practicable and working solution of the problems involved at Mammoth. Work has been progressing satisfactorily on the various buildings under construction throughout the Park. The proposed road location between Canyon and Tower Falls was studied by Mr. Capes and Mr. McCarter, and recommendations were made to the Bureau of Public Roads in order that this project may be let to contract as soon as possible. The Sylvan Pass-East Entrance section of road under construction is progressing rapidly. One portion of last year's construction is being cleaned up and is now ready for final acceptance. Road changes at the Old Faithful area have been inaugurated and are being worked out satisfactorily as to traffic requirements and the indications are that the traffic conditions will be improved as soon as parking facilities have been completed.

300 - Activities of Other Agencies in the Park

310 - Public Service Contractors

On the 18th of the month the hotels, lodges and housekeeping cabins were operating full capacity and the first rail visitors arrived at both the north and west gates. The rail business throughout the month was exceedingly light and by the end of the month showed a loss of over 30% from last year. Prior to June 18th informal accommodations were available for early visitors.

Many favorable comments have been received from motorists on the fact that gasoline may now be obtained throughout the park at a price of not over 28 cents per gallon. The price schedule fixed this year results in a saving to the public of $13,900 as compared with the lowest price schedule of any previous year.

The last park operator to reach the park was on June 17th when Mr. J. E. Haynes, President of the Haynes Picture Shops, Inc., arrived via the north gate. The Lodge Company had moved its office from Livingston at the beginning of the month, and on the 2nd the Hotel Company office, moved from Helena, was established in the Mammoth Hotel.

400 - Flora, fauna, and natural phenomena

410 - Ranger, naturalist and guide service

The personnel of the Protection Department has been busy during the month of June with the usual duties - protection of the natural phenomena and wild life, checking of entrance and exit travel, patrols through the park, repair and maintenance of trails and telephone lines, construction of snow-shoe cabins and other general ranger duties.

The temporary ranger force reported for duty June 15. They were given the usual informal talk on the evening of June 15. On June 16 the new men were taken around the park for a brief trip before they were assigned to their duty stations. All old temporary rangers reported to their duty stations on June 16. Five motorcycle rangers were assigned to patrol the roads starting June 17.

Considerable trail maintenance work has been done on all of the nature and guide trails. In the Old Faithful district a new bridge was built at Sapphire Pool, the Kepler Cascades platform was completely rebuilt, and all trails were thoroughly cleaned and repaired. At Lake the Lake Shore Trail was moved a few feet back from the bank because of two small washouts which have taken away part of the trail. A new trail was built from the highway to Monument Geyser Basin. Several parties have taken this trail and reported a very pleasant walk. In the Canyon district a great deal of labor was necessary to put Uncle Tom's Trail in condition for the opening of the season. Two men were shoveling snow for about 10 days to open up the trail. A new guard rail has been placed at the lower end of Uncle Tom's Trail to make it more safe for guide parties.

420 - Museum Service

During the past month the members of the Educational Department Staff have devoted the major part of their time to the organization of schedules and the promotion of various activities of public contact, including guide trips, lectures, auto caravans, and museums.

A variety of guide trips are being offered this year, giving the tourists an opportunity to choose which trip they desire to take. At the present time six daily guide trips are conducted at Old Faithful, five at Mammoth, four at Canyon, two at Lake, one at Fishing Bridge, and one at Thumb. From June 20 to July 1st, 192 trips were conducted throughout the park, serving 8,172 persons. This total shows an increase of 940 over last year.

The lecture program also is receiving very enthusiastic response this year. 169 lectures have been presented with a total attendance of 23,172 persons. An illustrated lecture has been instituted at Canyon Lodge, and an illustrated lecture will be presented at Lake as soon as wiring facilities can be made there.

490 - Fires, Fires, and Emergency Equipment

491 - Emergency Equipment and Public Services

The presence of the protective Government has been very during the month of June with the usual duties - protection of the natural resources and life, obedience of authorities and will of people, guards towards the public, repair and maintenance of trails and tailgate items, construction of basic dam centers and other general repair tasks.

The Emergency Repair Team repaired six dirt dams in. Only one period was small flooded out in the evening of June 15. On June 16 the dam was not were burnt around the park for a total duty before they were assigned to their duty stations. All the Emergency Equipment repaired to their duty stations in good in. This motorcycle repairs were assigned to period the crash starting from 17.

Unfortunately trail maintenance work has been done on all of the motors and grade trails. In the old railroad district a new bridge was built at Lupine Pool. The Lupine Campsite platform was completely rebuilt, and all trails were thoroughly cleaned and repaired. At lake the lake shore trail was moved a few feet from the back bedroom of the small cabin which have taken many part of the trail. A new trail was built from the highway to Bunkhouse Canyon trails. Several parts of Dam Dam Dam trail was improved in very pleasing ways. In the Canyon discovered a great deal of labor was necessary to put Dandy Dam's trail in condition for the opening of the season. Did some more showing more the place to open up the trail. A new ranger will be assigned to the lower end of Dandy Dam's trail to make it more safe for public purchase.

492 - Forest Service

During the year marks the history of the International Department Staff have carried the major part of the job in the organization of exhibits and the promotion of various activities of public contacts. Including radio talks, lectures, talk conferences, and others.

A variety of public views are being offered this year, giving the members an opportunity to choose which they may desire to show at the present time the daily public talks are scheduled at old Ranch, five at Lupine, four at Campsite, two at lake, one at fishing lodge, and one at Dandy. From June 20 to July 1st, 1951 talks were conducted throughout the park, serving 6,147 persons. This total shows an increase of 3,040 over last year.

The Lupine Campsite store is providing very satisfactory response this year. The Lupine store has been provided with a total attendance of 5,177 persons. An illustrated lecture has been initiated as tempo lasts, and an illustrated lecture will be presented at Lake to some of visiting families one or more times

The Old Faithful and Mammoth Museums were open to the public this year on June 1 and have been visited by large crowds. On July 1st, 6,129 more persons had visited these buildings than on the same date last year.

Several days were spent in obtaining the Library of Congress numbers for books on hand, and it is planned to install L. C. cards for all books contained in the Yellowstone Library. Considerable time was spent also in cataloging and filing 371 lantern slides received from Dr. Dastler. These slides are being assigned to the lecturers at various stations, and will play an important part in making the 1930 lecture program a success.

The old reflectal and Summers Saucers were open to the public this year on Sundays 1 and June from 11:00 to 1:00 noon. On July 1st, 6,393 more persons had visited these exhibitions than on the same date last year.

Special days were spent in examining the library of Congress because the books on hand, and if is planned to install L. E. Jones 1st all books contained in the Philadelphia Library. Considerable time was spent also in examining and filing 375 letters which were sent to Sailor. These letts are being analyzed in the laboratory of various scientists, and will play an important part in making the 1953 Lecture program a success.

430 - Buffalo Corral and Zoo

The early spring has accounted for the buffalo herd leaving the buffalo ranch and Lamar River section much earlier than usual. On June 10 when Chief Buffalo Keeper Lacombe started riding to round up the show herd it was very difficult to secure any buffalo at all. However, after 6 days riding 7 animals were driven to Mammoth Buffalo Corral. Attempts will be made to get an additional number of animals but it is doubtful if we will be able to get them or not. The fence and platforms at the buffalo corral were repaired early in the month. The total attendance at the buffalo corral to date is 2,780 as compared with 3,598 last year and 4,200 in 1928.

440 - Insect Control

During the month of June two crews were busy cutting and destroying bug trees in the various camp grounds, and crews were sent over the highways from Mammoth to Old Faithful and from Madison to West Yellowstone to cut and destroy all bug infested trees which resulted from the roadside cleanup of last year. Considerable work was also done on the Canyon-Lake road and in the camp grounds at Lake and Thumb. On June 24 Mr. James C. Evenden of the Bureau of Entomology made an inspection of the park, covering the camp grounds at Old Faithful and the highways on the west side of the park. He reports conditions generally good but a small outbreak of the lodgepole sawfly was noted two miles east of Old Faithful. He will return about the middle of July to make a more thorough inspection. Mr. Evenden reported that the control work being carried on in the Shoshone Canyon for the spruce budworm was fairly successful. The Bureau of Entomology plans airplane reconnaissance over the park in the Targhee National Forest about July 20. Details will be given in the July report.

The insect survey crew which has been in the field since May has covered the west boundary from West Yellowstone to Buffalo Lake snowshoe cabin and are now camped at Summit Lake where they will work for about two weeks. We expect in three weeks to have completed a survey of that portion of the park lying south of the Madison-West Yellowstone road and west of the Madison-Old Faithful road as far south as Summit Lake. It is planned to continue the survey south to the park boundary. Park Ranger Gordon D. Harp who was in charge of the crew resigned to accept an appointment on the Big Horn National Forest. D. W. Ellsworth is now in charge of the forest insect survey crew.

470 - Animals

Wild life conditions throughout the park are good at this writing. All game animals are back on the high summer range where forage is very plentiful. Elk were reported in the Thoroofare country on June 10. All during the fore part of June elk were noticed drifting south and east to their summer range. They were following the usual migratory trails - Mirror Plateau and Pelican Creek and south along the east side of the lake, also the trail from Blacktail Creek south near Wolf Lake in the Central Plateau. The elk following

this trail summer on Mt. Sheridan, Pitchstone Plateau and Chicken Ridge. The buffalo drifted to the high summer range near Saddle Mountain and the Upper Lamar the first week in June.

Forage Conditions: Continued dry weather has been responsible for the lower range burning completely up. Practically all of the winter elk range is brown and nearly bare at this time. The grass only reached about one-third its usual growth before the dry, hot period. Rains in late June materially benefited the higher range but came too late to save the lower range. There will be no relief from this condition in the winter elk range, and should a very hard winter occur it will be necessary to feed all game animals on the winter range.

Elk: Park visitors frequently see a number of elk on the trails or along the roads especially at Norris and near the Lake Station. Visitors entering at the south entrance and driving north report seeing elk along the highway near the Continental Divide. Elk are also frequently reported in Pelican Meadows near the east entrance road. Last year a number of bear kills were reported in the elk herds. Thus far this year none have been reported so it would appear that the grizzlies which were killed early last spring in the north part of the park were the individuals who have been killing so many elk calves.

Deer: Since the first of the month the usual band of deer at headquarters has deserted the parade grounds for more shady territory, although they are reported occasionally by tourists near the Mammoth hot spring formations. They frequently make their appearance along the roadsides and near the larger stations throughout the park. The deer are now completely shed and have taken on a reddish cast. The males are in the velvet at this time. Several fawn have been reported since the first of the month. No losses were reported this month.

Antelope: Guests stopping over at Roosevelt Lodge report seeing antelope at any time of the day in that vicinity. Dr. Dixon, who had a camp near one of the lakes in that vicinity for some time, reported quite a number of young antelope. The antelope herd is scattered from Gardiner to the buffalo ranch. No losses have occurred during the month.

Moose: Moose are again frequenting Willow Park, and it is not uncommon to see from 1 to 5 or 6 in that vicinity during the evening. Rangers on patrol in the Upper Yellowstone report a number of moose calves. Bechler River rangers report seeing 9 moose in that district.

Buffalo - Lamar River Herd: The general condition of the Lamar River buffalo herd is very good. They have drifted from the ranch to their haunts on the range much earlier than in previous years. One or two calves have been reported killed or lost in crossing the rivers, and one mature animal died from pink eye. No other losses have been reported. The number of calves this year is 191, as compared with 140 calves last year at the same time.

Sheep: The usual bands of sheep are reported on Specimen Ridge and Mt. Washburn.

Bears: Reports from the various ranger stations show that bears are present in their usual numbers along the highways and at the bear feeding grounds. Several bears have been observed with three cubs and one with four cubs. Twenty-eight grizzlies were counted in the Canyon district in one evening, 17 at Lake and 5 at Old Faithful feeding grounds. Several complaints have been submitted about bears raiding camps and autos. Written complaints have been received as follows:

"On June 26 about 10 p.m. a horse had just been turned loose in the corral at Mammoth Lodge and while attempting to eat a few oats in a box was attacked by a black bear which was prowling about. The horse suffered a deep gash on his hip.

"On June 24 Marian Lan, driving a Ford coupe, had the top torn off her car. This accident occurred at the Canyon Lodge.

"On June 23 J. H. Stedman, driving a Ford coupe, also at the Canyon Lodge, had the top torn from his car. The bear was attracted by the scent of candy.

"On June 24, near Inspiration Point, Pete Dawson of Butte, Montana, driving a Chevrolet Sedan, reports having a front window broken by a bear."

The night watchman at the Canyon Transportation messhouse reports being charged by a grizzly.

Small Animals: Marmots, Columbian ground squirrels, and Golden mantled ground squirrels are present in their usual numbers around the lodges and camps. These animals provide no end of good entertainment for the park visitors. At Old Faithful Lodge a group of 20 or more tourists were observed feeding 4 marmots which were eating peanuts and other sweets from their hands.

Beavers: Beavers have dammed the small creek which crosses the old road from Gardiner to Mammoth so completely that the water is overflowing the road. Beavers are also very active in other small streams throughout the park.

Predatory Animals: No reports have been submitted concerning predatory animals.

Fish: Fishing in the park waters seems to have improved somewhat since last year. It is to be noted with interest that to July 1, 1929, tourists had reported taking a total of 7,490 fish while to the same date this year they report having taken 14,063. On June 10 Chief Ranger Beagley and I went to Shoshone Lake and we caught 5 very nice fish, two of which would weigh over 4 lbs. On June 23 a party of 12 went to Delusion Lake. A great many fish were reported in the lake but only 4 fish were caught, which averaged about 4½ lbs. Since June 1st fly fishermen have fished the various waters of the park with apparent success. At this writing the streams have subsided to about their normal summer flow so that fish generally should be very good for the rest of the season. Open and closed waters may be noted from the attached circular from the office of the superintendent.

The egg take in Fish Lake has been somewhat above normal this year. While the take in Yellowstone Lake has been slow and rather under last year's take, a total of 1,300,000 eggs has been taken at Fish Lake and 8,980,000 eggs has been taken at Yellowstone Lake.

Ranch Operations - Buffalo Ranch: Operations at the Buffalo Ranch for the month have consisted principally of cleanup, and repair of machinery and equipment, corrals, fences and buildings, and the irrigation of the hay fields, and other work pertinent to the operation of the ranch. The buffalo herder has been riding the range the latter part of the month since he recovered from his injury received on June 12. While riding in the roundup of the show herd of buffalo his horse fell and injured his knee. It was necessary for him to be off duty for about a week.

Slough Creek Ranches: Since the early part of the month the irrigator has been busy on the two Slough Creek ranches, though the limited water supply has made it impossible to irrigate the entire ranch. Beavers have been damming the irrigation ditches each night. This has resulted in some trouble for the irrigators. While the hay crop on the Slough Creek Ranch gives prospects of being fair, it will not be as heavy as last year.

Yancey Ranch: All available water is being used to irrigate the Yancey ranch but it is doubtful whether even a normal crop of hay will be cut.

Gardiner Ranch: The new crop of alfalfa and oats which was sown in May on the Gardiner ranch is coming very nicely. An abundance of water is available for the irrigation of this ranch and it has been irrigated twice since the reseeding operations were completed. This ranch will no doubt produce a very good crop of hay, probably somewhat above the normal amount.

Game Preservation Ranch: The Game Preservation Ranch has been irrigated since late in May and the hay crop gives promise of being much better than last year. It is also apparent that the foxtail grass will not be nearly as abundant as last year. Whether this is due to irrigation or the dry weather is not known.

480 - Natural Phenomena - Mammoth Hot Springs:

Nothing of unusual interest to report this month.

The egg case is still low but some improvement above normal this year, while the case in Hollywood Cove has been also not so low as last year's case. A total of 1,000,000 eggs has been taken at Pile Lake and 6,000,000 eggs has been taken at Hollywood Cove.

Water Supply - Barrels Brook: Operations of the Bidwell Creek for the month have consisted principally of clearing, and repair of machinery and equipment, repairs, fences and buildings, and the improvement of the hay fields, and other work preliminary to the operation of the season. The rainfall during the month has been the lowest of the month since the re-opening of the fishery. The fishery received on June 11 while fishing in the vicinity of the dam had a bathing beach there fell and injured his knee. It was necessary for him to be off duty for about a week.

Lake Gregory Reservoir: Since the early part of the month the irrigation has been only on the two lower drops, during the limited water supply the dam has been in operation to irrigate the entire system. Operations have been during the irrigation of three such days. This has proved to be some trouble for the irrigators. While the day was on the Gregory Creek dam gives promise of being full, it will not be as heavy as last year.

Tahoe Dam: All available water is being used to irrigate the Tahoe ranch and it is doubtful whether or not a normal crop of hay will be cut.

Hollywood Dam: The new drop of surface and side water was used in the Hollywood ranch to irrigate very nicely. An abundance of water is available for the irrigation of this ranch and it has been irrigated twice since the regular irrigations were completed. This ranch will be dry at present a very good crop of hay, probably somewhat above the normal amount.

Deep Creek Dam: The dam transmission lines has been inspected and lists in the dry and the dry give promise of delivering water the last year. It is also apparent that the rainfall prove will be nearly as abundant as last year. Whether this is due to irrigation or the dry weather is not known.

4(b) - Forest Diversions - Permits Not Applied:

Nothing of unusual interest to report this month.

500 - Use of Park Facilities by the Public

510 - Increase or decrease in travel

Preseason park travel continued somewhat heavier and with the opening of the south entrance road on June 10 and the West Thumb-Old Faithful road on June 12, a further increase was noted. The east entrance road was open on June 15 and the road to Mt. Washburn on July 1st. Toward the close of June a noticeable decrease in rail travel was apparent. At the close of the month automobile travel was still ahead of the 1929 figure. The close of the month shows 40,121 people entering by private transportation as compared with 32,811 last year, and 3,258 by train as compared with 4,429 last year. Comparative totals are 43,620 for this year to date with 37,240 for last year to July 1st. At the close of the month total travel was 5,380 people more than last year.

520 - General Weather Conditions

The interesting alternation of above and below normal mean temperature departures, which persisted for nearly a year, has ended. June, like May, had a mean temperature below normal. The mean was 54.2; the normal is 58.0. The month, however, was unusually fair and sunny. Our first sunshine record for June was that for June 1904. From the beginning to date there have been but four Junes with higher percentage of possible sunshine for the month; of these the most recent was June, 1922. There have been but two Junes with greater number of clear days than the 13 recorded this year, but another June also had 13. The month's highest temperature was 83° on the 16th; the lowest, 31° on the 5th. The latter was the only day when the temperature dropped below, or to, the freezing point, though a minimum temperature of 32.2° was registered on the morning of the 4th. As extremes these temperatures are frequently equalled or exceeded in June.

Precipitation totalled just 1.00 inch, which is 0.92 inch less than normal, but does not come near to setting a new record for light precipitation for the month. No heavy or even moderate rains occurred, the greatest rainfall in any consecutive 24 hours amounting to less than a quarter of an inch. Only four times in the record have there been fewer days with thunder than the four noted this June. The snowfall amounted to only a trace. Light hail fell on the 20th, and moderate hail on the 24th.

The wind velocity averaged 7.2 miles per hour, with Southwest the prevailing direction. A maximum velocity of 33 miles perhour, from the Southwest, occurred on the 11th. Light frost occurred as late as the 29th; the last killing frost was on the 5th. Rain amounting to .01 inch or more fell on nine days. The percentage of possible sunshine was 74. The percentage of relative humidity was 62.0 for the 6 a.m. readings; 36.5 for the readings at noon, local mean time; and 36.2 for the 6 p.m. readings.

540 - Special Visitors

Mrs. John F. Sippel, National President of the General Federation of Women's Clubs, Washington, D.C., and party came in via the north entrance on June 18. She was accompanied by her daughter, Mrs. Wm. H. Maltree, Mrs. S. F. Boussout, President of the Montana Federation of Women's Clubs, and a number of other ladies. They left via Cody on June 22. Elsewhere in this report is given an account of the opening ceremonies at Gardiner, in which Mrs. Sippel took part.

Mr. Gilmore D. Clarke, Landscape Architect of the Westchester County Park Commission, Bronxville, N.Y., came in on June 7 via Gardiner and left via the southern gateway on June 18. Mr. Clarke was here for the purpose of making a study of the Mammoth layout.

Mr. A. E. Douglass, Director, Steward Observatory, University of Arizona, Tucson, Arizona, arrived on June 11 via Gardiner and left via the same gateway on June 15.

Mr. Henry B. Joy, Penobscot Building, Detroit, Mich., came in via the west entrance on June 7 and left via the south gate on June 10. He was accompanied by Mrs. Joy.

Lieut. Commander U. S.N., Carleton H. Wright came in via Gardiner on June 7 and left via West Yellowstone on June 7. He is a brother of James L. Wright, Washington correspondent of the Buffalo Evening News, who was with the Coolidge party on their trip through the park in 1927.

Professor Robert F. Griggs, Leader of the Katmai Expeditions, National Geographic Society, Washington, D.C., stopped at Yellowstone en route to Alaska to visit the Valley of Ten Thousand Smokes for purposes of comparison. He came in via Gardiner on June 2 and left via the same gateway on June 3.

Mr. Phillipo Silvestri, Head of the Experiment Station at Naples, Italy, and connected with the University of Minnesota, St. Paul, Minn., entered via Gardiner on June 27 and left via Gardiner on July 1.

Mr. John L. Gay, U. S. Attorney, District of Porto Rico, San Juan, came in via Cody on June 22 and left via the south gateway on June 25.

Pacific Northwest Hotelmen party of 37 arrived via West Yellowstone on June 22 and left via Gardiner gateway on June 24.

Mr. and Mrs. Seward T. Covert of Washington, D.C., personal friends of Mr. A. E. Cammerer, came in via West Yellowstone on June 21 and left via the same gateway on June 25.

Mrs. William E. Humphrey, wife of former Congressman Humphrey and now Chairman, Federal Trade Commission, and Miss Bell, U. S. Civil Service Commissioner, en route to Seattle from Washington, D.C., by motor, came in via Cody on June 27 and left via Gardiner on June 28.

Mrs. Jane F. Alpert, Medical Technician of the General Investigation of Women's Clubs, Washington, D.C., was newly made, in 1918 the Davis Lectures in June 1918. She was accompanied by her daughter, Mrs. E. Mallory, Mrs. E. T. Bennett, President of the Junior Federation of Women's Clubs, and a number of other ladies. They left via Cody on June 23. Discussion in this report is given on account of the speaking experience of Mrs. Mallory, in which she, Colonel Mrs Davis.

Mr. Alberto de Chacon, Langmuir Orchestra of the Inter-American Commercial Commission, Washington, D.C., spent in Cody June 7 this training and left via the Yellowstone Park on June 10. Mr. Chacon was here for the purpose of making a study of the Indian Report.

Mr. A. E. Langlier, Director, Tissued Observatory, University of Arizona, Tucson, Arizona, arrived on June 11 via Cheyenne and left via the same railway on June 13.

Mr. Harry A. Ley, Technical Building Material, Chicago, came in the Cody Reservoir on June 7 and left via the Cody gate on June 10. He was accompanied by Mrs. Ley.

Lieut. Commander G. A. C., Captain E. Tilghman in the Navigation on June 7 and left via the East Entrance on June 7. He is an officer of Admiral Sims's, Washington headquarters of the Building Supply Corp., who was with the Cooling-plant on their trip from the Park in 1917.

Professor Robert H. Jones, Member of the Natural Organization, Brigham Young University, Provo, Utah, stopped at Yellowstone on their to Cheyenne to visit the Valley of the Sun and Cheyenne for purpose of conference. He came in via Cheyenne on June 8 and left via the same gateway on June 9.

Mr. Phillips Alexander, Head of the Department Publication Engineer, Study, and in charge with the University of Chicago, Ill. Prof. Alex., arrived the Cheyenne on June 27 and left via the Cheyenne on July 1.

Mr. John L. Gray, C. A. Gregory, Director of Parks Alco, Ore. Park, came in via Cody on June 27 and left via the on Cody on June 29.

Mrs. Edna L. Bennett Junior group of 27 arrived via West Yellowstone on June 23 and left via Cheyenne entrance on June 24.

Mr. and Mrs. Jessie L. Carroll of Spokane, Wash., personal friends of Mr. A. L. Chamberlin, came in via West Yellowstone on June 23 and left via the same gateway on June 26.

Mr. William L. Dougherty, wife of former Congressman Dougherty and one children, Pulaski Trade Commission, and Miss Hill, D. C. Civil Service Commissioner, arrived in Cheyenne from Washington, D.C., by motor, came in via Cody on June 27 and left via Cheyenne on June 28.

Dr. Edwin C. Van Dyke, Professor of Entomology, University of California, Berkeley, California, came in the west entrance on June 15 and left via Gardiner on June 29.

Mr. C. T. Bruns, Zoological Laboratory, Harvard University, Cambridge, Mass., arrived via the south entrance on June 21 and left via the west gate on June

Mr. E. B. Lefferts, Manager, Public Safety Department, Auto Club of Southern California, Los Angeles, Calif., came in the west gate on June 22 and left via the north gate on June 27.

Mr. William P. Willets, of New York City, came into the office on June 28 and presented a letter of introduction from Director Albright. He left via the south gateway on June 30.

Dr. E. A. Hamlin, Bellevue, Iowa, was at the Lake on June 28. We do not have the date of his leaving the park.

Mr. J. G. Teicher, Secretary of the 13th U. S. Civil Service District, Denver, Colorado, and his sister, Miss Garwood, arrived via Cody on June 19. Mr. Teicher left via the west gateway on June 23 and his sister left via the same gateway on June 24.

Mr. Harrison J. Hoys, of Pittsburgh, Pa., cousin of Will H. Hays, came in via Cody on June 28 in own car. He left via Gardiner Gateway the night of June 30.

Messrs. Joseph S. Dixon, George H. Wright and Ben H. Thompson, entered at the west gate on June 8 in own car. They went out Cody July 1.

Messrs. Vincent H. Hunter and H. A. Coons, Photographers for the Union Pacific R. R., Omaha, Nebr., came in on June 21 and left via West Yellowstone on June 30. They were taking pictures for the Union Pacific.

Mr. Frank M. Warren, First National Soo Line Bldg., Minneapolis, Minn., and Mrs. Warren came in via Gardiner on June 13, and left via the same gateway on July 1. Mr. Warren is National Director of the Izaak Walton League and Mrs. Warren is Chairman of the Rivers & Harbors Commission, of the General Federation of Women's Clubs. They are motoring through a number of national parks and monuments. They went to Glacier from here.

Dr. James G. Van Zoo, professor of astronomy, University of California, Berkeley, California, gave in the usual statement on June 15 and left via Portland on June 20.

Dr. E. C. Green, medical laboratory, Harvard University, Cambridge, Mass., arrived via the usual statement on June 21 and left via Seattle on June

Dr. G. H. Lefferts, Chemist, Public Health Laboratory, 1515 Ave of Americas Hall Sports, San Angelo, Calif., gave his fin exam on June 22 and left via the usual gate on June 27.

Dr. William A. Atlanta, of the Physiol, gave info on action on June 23 and gateway of interpretation from Chemist Lifeight. He left via the usual gateway on June 25.

Dr. G. C. Lawson, Drilling, Inc., was at the Lab on June 24. He gave info on his work at his Jewelry Co. plant.

Dr. G. H. Webster, Chemical of the Lab. G. Cyril Jerrin Laboratory, Inc., Lilendale, Calif. gave his info on June 25. Mr. Webster left via the usual gateway on June 27 and his sister left via the usual gateway on June 28.

Dr. Elwood G. Lope, of Lilendale, Ca., gave his exit in Sept. when he left July on June 26 in the usual. He left via Gateway Seattle July of June 30.

Messrs. Joseph C. Jones, George G. Jones and Dan G. Jones, motored in the usual gate on June 5 in the usual. They gave info July 6.

Messrs. Elmer G. Gordon and G. G. Jones, representatives for Gulfen Jewelry Co., Dallas, Texas, came in on June 21 and left via the following on June 10. They gave usual gateway for the Texas Jewelry.

Dr. James G. Vernon, Sci. Dr. Ignacio Jos Lab. Corp., Indianapolis, Ind., and Mr. Vernon came in via Gateway on June 23, and left the usual gateway on July 1. Dr. Lerned is Director of Sci. Lab. Corp. of the Lab. Inc., Serves is director of the Lives & Earth's Industries, or the Secret Laboratories of Jones's Jobs. They are working through a Lab. of national parks and monuments. They went to Silver from here.

600 - Protection

610 - Police Protection

There were no proceedings before the United States Commissioner during the month, although a man wanted by the New York Police Department was apprehended and turned over to officers of that Department. A letter, dated June 13, 1930, from the Chief Inspector of the New York City Police Department stated that one John Klatt wanted on a charge of grand larceny was believed to be coming to Yellowstone for the purpose of driving a bus for the Yellowstone Park Transportation Company. He was located and taken into custody by the Chief Ranger's office and held until the arrival of the officers. His companion named Chester O. Carlstrom gave his address as San Diego, California. They were driving a 1930 Sport Phaeton Packard car.

620 - Fire Protection

There were two fires reported in the park during the month. One of these occurred near Old Faithful Ranger Station and was reported by Ranger C. C. Davis. The fire was caused by a burning cigarette which had been dropped on a rotten log. Rangers Davis and Semingsen extinguished the fire after about two hours work.

One small fire was reported near Fishing Bridge and was extinguished by Ranger Frank Childs and Edward Ogston. No other fires were reported during the month but forest conditions are such that unusual care must be exercised in order to prevent fires. The Chief Ranger will place two fire guards on duty on July 3rd to assist the regular fire patrol in detection and suppression of fires. Contractors doing clearing on new roads have been instructed not to burn brush unless weather conditions are right. The contractor on the Madison-Junction-Norris road has a Pacific fire pump in readiness should a fire get away from the burning crews.

630 - Accidents

Mr. George Barto, driving a Wisconsin Chrysler, license No. 3951, permit No. 193893, and Mr. H. A. Bliley, driving a Colorado car, license No. 218582 crashed together at 11 a.m., June 9, 1930, just above the Virginia Cascades. According to Mr. Barto, who reported the accident, Mr. Bliley proceeded toward Norris Junction after an agreement was reached between both parties. Mr. Bliley instructed Mr. Barto to have the damages to the latter's car repaired at a garage and have the bill sent to him. Mr. Bliley claims to have liability insurance at Florence, Colo. No permit nor make of car for Mr. Bliley was turned in. Mrs. George Barto was a passenger in Mr. Barto's car. There were four passengers in the Bliley car but no names or addresses were taken.

Mr. Ray Rutledge, of Washington, driving a Chevrolet Coupe, license No. 336417, reported that a car going toward Norris tore off his left rear fender and back bumper. The accident happened at Seven Mile bridge at 2:45 p.m. The other car did not stop and no description was noted. Mr. and Mrs. Rutledge were the only passengers in the car.

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[illegible] - [illegible]

[illegible] - [illegible]

[illegible] - [illegible]

[illegible] - [illegible]

[illegible] - [illegible]

Mr. A. H. Kaufman, driving a Graham-Paige, permit No. 145804, license No. H27626, New Jersey, went too close to the edge of the road and slipped on soft shoulder, the car being suspended on embankment. It was necessary to get tow car from Mammoth to get his car on the road again. This accident occurred about 7:30 p.m. on the Terrace road about 200 feet south of Narrow Gauge Terrace on June 19, 1930.

On June 15, about 7:45 p.m., R. J. Folk, driving a Ford, permit No. 89560, license No. 271-926-Washington, and Harold Ahlemann, driving a Graham truck for the Hamilton stores, collided about 8 miles west of Thumb. Hamilton's truck was given permission to leave West Thumb for Old Faithful a half hour earlier than the regulation allows in order to take advantage of daylight because his headlights were not working satisfactorily. The truck met the Ford Sedan just around a sharp curve. The Ford was climbing in second gear and the truck was descending in second gear but the road is narrow and the Ford stopped but the truck was unable to stop and sideswiped the Ford, tearing away a baggage carrier and crushing two suitcases. The owner of the Ford stated he would settle for damages through his insurance company.

On June 22 at 8:45 a.m., M. D. Joseph of San Leandro, California, driving Studebaker car, permit No. 105500, license No. 702049, California, accompanied by Mrs. Joseph and Miss Mildred Ward and Miss Emmaline Ward of Salt Lake City, Utah, when approaching a curve near the 5-mile post from West Yellowstone went over a 7-foot bank, turned over once and came to rest on right side facing away from original direction of travel. The road was freshly oiled and is very narrow at this point. Mr. Joseph, the driver, was bruised about the legs, and the broken spider on steering wheel pierced his left arm to the bone below elbow. Mrs. Joseph suffered bruises on left side of neck and slight shock. Miss Mildred Ward suffered laceration of scalp two inches long to skull, laceration of left leg three inches long, three-fourths inches wide and several small laceration in region of left knee, also contusion of left hip and muscles between shoulders. Miss Emmaline Ward suffered hematoma of left side of forehead two inches in diameter and slight shock. The injured were brought to the Union Pacific doctor at West Yellowstone. The car was removed from the scene of the accident by Stuart's service car.

On June 17, late in the afternoon, Ranger Dice was approached by a tourist, driving a Hudson Coupe, Montana license No. 52-994 (name not learned), who stated that he had hit a workman along the road and had attempted to find some officer to report the accident to. He explained the workman had jumped right in front of his car and he was unable to stop in time. The ranger accompanied the tourist to the hospital to inquire as to the condition of the man who was hit, and while he was badly bruised the nurse stated that there were apparently no bones broken. The workman's name is Mike Popovitch and he is employed by the Morrison-Knudson Company in the Gibbon Canyon. The party left the park via the Gardiner gate.

On June 23, F. L. Birch, driving a Dodge, license No. 25-168 (Montana and M. W. McKennon, driving a Ford, permit No. 106080, California license No. 6x-896, collided about two miles from Canyon Junction on the Norris road. According to Mr. McKennon, who reported the accident, he was traveling east in the middle of the road and while crossing a ridge in the road he collided with the Dodge which was west bound. The Ford swerved to the right of the road into a tree while the Dodge crashed into a sign post. No one was injured.

On June 19, about 5 p.m., Miss B. Shoemaker, driving Chevrolet, permit No. 89888, California license No. 5E1137, accompanied by Miss T. Potter, Miss A. Potter and Mrs. S. M. Mill, all of 1795 Chestnut St., San Francisco, California, tried to pass a car while in soft gravel and her car tipped over sideways into the bank. Mrs. S. M. Mill was slightly injured on the head and was taken to the Old Faithful Lodge. This occurred between Old Faithful and Madison Junction, about 6 miles from Old Faithful.

On June 24, about 9 a.m., Mr. U. G. Adams of Vinton, Iowa, driving Buick, Iowa license No. 6-1999, accompanied by Mrs. Adams, broke a fender on his car while trying to pass a steam shovel and slid into it. He stated he did not have room enough to pass. Other cars had passed the shovel without accident. No one was injured.

On June 25, at about 10:30 p.m., a 5-ton Pierce Arrow truck, Model R 9, license No. 15712, belonging to the Rasmussen and Brown Construction Company, crashed into the railing at Fishing Bridge, the two rear wheels on the left side of the truck resting on the bridge while the body of the truck was resting on the piling about 3 feet from the edge of the bridge. The differential had struck and was resting on the water main which supplies Fishing Bridge vicinity. The coupling on the water main was cracked and was leaking badly. The driver of the truck, Chet Taylor, remained in the truck until it turned over and was injured only slightly.

On June 22, at 1:00 p.m., Edward D. Parkinson, driving Government dump truck 576, sideswiped a Ford A sedan, New York license No. 7Z6024, driven by Herbert A. Meyer, 998 Bushwick Ave., Brooklyn, N.Y. The accident was caused by the truck sliding around because of the road being wet after a rain storm. The damage to the Ford was slight and Mr. Meyer proceeded to a garage to have his car repaired.

Mrs. R. A. Flottman of Mammoth Hot Springs, driving a Model A Ford, Montana licence 21204, in attempting to pass hit a trunk on a Chevrolet car driven by O. F. Hogan, Big Sandy, Montana, license No. 22655. She reported that Mr. Hogan had kept the center of the road, disregarding her signals, thereby forcing her to hit him in attempting to pass. This occurred on June 27 about 3:10 p.m., about one mile south of North entrance.

Mr. G. H. Curtis, driving a Buick, permit No. 106425, license No. 22-793, Missouri, had just turned off from Canyon Junction and was heading toward Norris when he lost control of his car and went into the ditch on right hand side of the road. There was no damage. This occurred on June 26 about 10:45 p.m.

On June 19 at 10:40 a.m., Mr. L. S. Calkins, driving a Hudson, California license 1Z4267, had stopped on Fishing Bridge and a Ford truck, driven by Mr. Good, license No. 541, U.S.D.I, ran into him. The bumper on the Hudson was broken and the bumper on the truck was bent. The truck was traveling too fast to cross the bridge.

On June 23, about 11 a.m., Mr. E. Rue Graham, driving a Pontiac, permit number 143963, license No. 929759, Texas, accompanied by Mrs. Graham, sideswiped a Ford, license No. 113444. Both cars were damaged slightly.

On June 26, about 4:50 p.m., about two miles from Old Faithful, Mr. Herman Frank, driving a Ford sedan, permit No. 106798, New York license 604762, was hit by a Ford, Model T, license No, 85166, Utah, driver unknown. The Utah Ford, which was traveling at a high rate of speed, signalled to pass and in passing Mr. Frank's car struck his left front fender. The damage to Mr. Frank's car amounted to about $25. Mr. Frank pursued the Utah car and caught up with him and after getting the man to agree to accompany him to the ranger station he sneaked away instead of following and disappeared.

900 - Miscellaneous

Post Office: The main post office at Park Headquarters was moved to the usual summer quarters on June 7. The postal stations were opened on June 19, as usual, Old Faithful as a classified station in charge of Asst. Postmaster C. C. Marsh, and Fishing Bridge in charge of Clerk Hans Larsen, also a classified station. Contract stations at Lake Outlet in the Hamilton store, at Canyon in the Whittaker general store, and at Tower Falls in the Haynes general store.

The Star Route service to connect these stations with the main office was also put in operation on the 19th. Star Route contracts to cover the 4 years beginning July 1, 1930, were let for the route between Gardiner, Montana, and the main office, and between the main office and stations. Also to cover one way service once a day for first class mail only, from the main office to West Yellowstone, Montana. All of these contracts were let to Yellowstone Park Transportation Company as lowest bidder.

A copy of Office Circular No. 3 giving dispatches of mail during the tourist season, including those between stations and to West Yellowstone, is attached. In addition to these dispatches, 14 separate sacks a day are being sent out to ranger stations, road crews, etc., on the Star Route, under circular No. 5, a copy of which has heretofore been furnished.

Post Office Inspector C. T. Hansen of Sheridan, Wyoming, visited the park on June 10 and 11 in connection with leasing quarters for the new classified station at Fishing Bridge. He also conferred with National Park Service officers in the matter of a site for a proposed new Federal building for use as post office quarters at Mammoth Hot Springs.

Several new clerks were employed to take care of the extra work incident to the tourist season. In general, the business during June shows a slight increase over previous years, though hardly in proportion to the increased travel reported.

Church Services: Methodist services were held in the Lodge Room on the evening of Tuesday, June 10th, by Rev. Otto G. Penath, of Livingston. Episcopal services were held in the Chapel by Rev. Lewis D. Smith, Sunday

evening, June 15. Schedules were made and published to cover the program of services to be held in the Chapel during the tourist season, and services were held under this program as follows: June 22 - Methodist services were held both morning and evening by Rev. E. H. Wendland, of Clyde Park, Montana; June 29 - English Lutheran services were held both morning and evening by Rev. Webster H. Clement of Livingston, Montana. A copy of the printed schedule which is posted as an announcement of church services during the tourist season is enclosed.

Hospital and Medical Service: The following are the number of patients admitted to the hospital, professional calls in the park, and the miles traveled during the month (from June 15th to June 30th):

Total number of patients in hospital..... 25

10 sick
2 minor accidents
2 contagion
3 minor surgical
8 infections, from wounds

Total.....25

*1 death, due to apoplexy, at Old Faithful Inn.
1 bear bite. Burton Irving Schmidt, Paso Robles, Cal., one bite--two wounds, 1 scratch, slight. Three stitches taken. Occurred near Old Faithful.

Number of miles traveled..... 1975
Number of calls in Park (majority employees)..... 24
Number of complete tours of Park, checking dispensaries, looking after guests and employees (majority employees). 2
Number of minor operations, dressings, etc., coming to hosp. 75
No. of calls upon nurses throughout the Park dispensaries, by employees and guests..... 475

*Frank W. Laurenson, Salt Lake City, Utah, age 42 years.

900 - Miscellaneous (continued)

On June 20 the regular summer train schedules at the various entrances went into effect and two trains daily began operating at West Yellowstone and Gardiner.

Mr. J. E. Haynes, President of the Haynes Picture Shops, Inc., was married early in June in Iowa to Miss Isabelle Mauerth, former manager of Roosevelt Lodge, and they arrived in the park on June 17th to make their home at the Haynes residence at Mammoth.

- - - - - -

Very truly yours,

Roger W. Toll
Superintendent.

AJS

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

10-157
July, 1929)

TRAVEL REPORT

YELLOWSTONE National Park for the month of JUNE, 1930.

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
*Subtract one permit cancelled.						
PRIVATE TRANSPORTATION:						
Cars first entry,	10280*	12950	8993	10514	2436	23
Cars reentry,	423	431	326	362	69	19
Motorcycles,	30	35	26	29	6	20
Total motor vehicles,	10733	13416	9345	10905	2511	23
Persons entering via motor vehicles,	30104	40073	28208	32645	7428	22
Persons entering via other private transportation,	40	48	166	166	-118	-71
Total persons entering via private transportation,	30144	40121	28374	32811	7310	22
OTHER TRANSPORTATION:						
Persons entering via stages,	26	26				
Persons entering via trains,	3258	3258	4429	4429	-1171	-26
Persons entering otherwise,	184	215				
Total other transportation,	3468	3499	4429	4429	- 930	-21
GRAND TOTAL ALL VISITORS,	33612	43620	32803	37240	6380	11

	This Year	Last Year	Increase	
			Number	Percent
Automobiles in public camps during month,	4626			
Campers in public camps during month,	16191			

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

10-157
ly, 1929)

TRAVEL REPORT

[illegible] National Park for the month of [illegible]

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
VATE TRANSPORTATION:						
s first entry, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
s reentry, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
orcycles, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
otal motor vehicles, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
sons entering via motor icles.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
sons entering via other vate transportation.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
otal persons entering via rivate transportation,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ER TRANSPORTATION:						
sons entering via stages	[illegible]	[illegible]				
sons entering via trains,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
sons entering otherwise . .	[illegible]	[illegible]				
otal other transportation,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ND TOTAL ALL VISITORS, . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

	This Year	Last Year	Increase Number	Increase Percent
omobiles in public camps during month, . . .	[illegible]			
ppers in public camps during month.	[illegible]			

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

YELLOWSTONE National Park for the month of JUNE, 1930.

	This Month	This Month Last Year
Number of employees beginning of month,	80	80
Number of additions, ...	67	63
Total, ...	147	143
Number of separations, ...	3	4
Number of employees close of month,. .	144	139
Number of promotions during month	0	0
Aggregate amount of annual leave taken,	7	65
Aggregate amount of sick leave taken,	1	20
Aggregate amount of leave without pay,	0	0

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

[redacted] National Park for the month of [redacted]

	This Month	This Month Last Year
Number of employees beginning of month	[redacted]	[redacted]
Number of additions, ...	57	[redacted]
Total	447	[redacted]
Number of separations, ...	3	4
Number of employees close of month, . .	444	457
Number of promotions during month	0	0
Aggregate amount of annual leave taken,	7	[redacted]
Aggregate amount of sick leave taken,	1	[redacted]
Aggregate amount of leave without pay,	0	6

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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

YELLOWSTONE National Park for the Month of JUNE, 1930.

	This Year	Last Year
Park revenue on hand beginning of month,	0	0
Received,	73,020.42	28,271.95
Total,	73,020.42	28,271.95
Remitted,	73,020.42	28,271.95
On hand close of month,	0	0

Park revenues received this year to date,	$ 367,424.49
Park revenues received last year to date,	299,568.78
Increase,	$ 67,855.71
Per cent of increase,	22

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

[illegible] National Park for the Month of [illegible]

	This Year	Last Year
rk revenue on hand beginning of month,	0	0
ceived,	[illegible]	[illegible]
Total,	[illegible]	[illegible]
mitted,	[illegible]	[illegible]
hand close of month,	0	0

---

rk revenues received this year to date,	$ [illegible]
rk revenues received last year to date,	[illegible]
Increase,	$ [illegible]
Per cent of increase,	[illegible]

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

(COMBINED REPORT OF OLD FAITHFUL AND MAMMOTH)	Number	Value
GOVERNMENT PUBLICATIONS:		
On hand beginning of month,	521	$ 165.25
Received during month,	1,495	637.50
Total,	2,016	802.75
Sold during month,	1,003	408.90
On hand at close of month,	1,013	393.85
NON-GOVERNMENT PUBLICATIONS:		
On hand beginning of month,	355	654.50
Received during month,	496	808.75
Total,	851	1463.25
Sold during month,	185	277.00
On hand at close of month,	666	1186.25

Cash on hand beginning of month,	
Sales during month,	$ 685.90
Total,	685.90
Remitted during month,	578.75
Balance,	$ 107.15

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

	Number	Value
GOVERNMENT PUBLICATIONS:		
On hand beginning of month	[illegible]	$ [illegible]
Received during month	[illegible]	[illegible]
Total	[illegible]	[illegible]
Sold during month	[illegible]	[illegible]
On hand at close of month	[illegible]	[illegible]
NON-GOVERNMENT PUBLICATIONS:		
On hand beginning of month	[illegible]	[illegible]
Received during month	[illegible]	[illegible]
Total	[illegible]	[illegible]
Sold during month	[illegible]	[illegible]
On hand at close of month	[illegible]	[illegible]

Cash on hand beginning of month	
Sales during month	$ [illegible]
Total	[illegible]
Remitted during month	[illegible]
Balance	$ [illegible]

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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

LLOWSTONE National Park for the Month of JUNE, 1930.

	This Month	This Month Last Year	Increase	Percent Increase
OCAL BUSINESS				
iles of circuit maintained	528	498	30	.06
o. of telephones connected	166	161	5	.031
o. of measured service calls				
o. of other local calls				
otal No. of local calls	9461	11692	-2231	-19
eak load in calls per day	562	562	--	--
eceipts from measured service calls				
eceipts from coin boxes				
eceipts from telephone rental				
TOTAL RECEIPTS				
ONG DISTANCE BUSINESS				
o. Outbound calls	257	232	25	10
o. Inbound calls	149	227	-78	-34
TOTAL LONG DISTANCE CALLS	406	459	-53	-13
eak load in calls per day	31	35	-4	-11
eceipts from Long Distance business				
ELEGRAPH BUSINESS				
essages via Western Union				
essages via				
TOTAL MESSAGES				
eceipts from telegraph business				
of money transfer messages				
o. of money transfer receipts				
OTAL RECEIPTS TELEPHONE & TELEGRAPH DEPT-				

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

DIVISION OF TELEPHONE AND TELEGRAPH SERVICES

National Park for the month of June, 1929.

	Total Month	This Month Last Year	Increase	Percent
BUSINESS				
of officially recorded	318	490	30	.06
telephone connection	166	161	5	.031
assumed service calls				
other local calls				
No. of local calls	9461	11694	-2233	-19
line in calls per day	526	651	--	--
Saves from assumed service calls				
Saves from join boxes				
Saves from telephone rental				
TOTAL SAVINGS				
DISTANCE BUSINESS				
Outgoing calls	377	362	15	10
Incoming calls	345	407	-62	-15
TOTAL LONG DISTANCE CALLS	722	769	-47	-06
Calls per day	21	25	-4	-16
Saves from long distance business				
TELEGRAPH BUSINESS				
Messages via Yellow Jacket				
Saves via				
TOTAL SAVINGS				
Saves from telegraph business				
Money orders messages				
Money transfer messages				

C. SCHLEYER TELEPHONE & TELEGRAPH DEPT-

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

YELLOWSTONE National Park for the Month of JUNE, 1930.

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
urrent generated, ...	73850.0	793310.0	70030.0	785890.0	7420.0	.9
old to park operators, . . .	11182.7	81556.1	15232.9	114153.3	-32597.2	-28
old to others, ...						
urnished to other Governmental agencies, ...						
sed by National Park Service, lost in transit, etc., . . .	62667.3	711753.9	54797.1	671736.7	40017.2	6
Total current generated, . .	73850.0	793310.0	70030.0	785890.0	7420.0	.9

mount receivable from the sale of electricity, ... $ 559.13

* Indicated by K. W. H.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

"ELECTRICITY GENERATED, SOLD, USED, ETC

[illegible] National Park for the Month of [illegible]

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Percent
[illegible]rent generated,		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] to park operators,		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] to others						
[illegible]sed to other Governmental [illegible]encies,						
[illegible] by National Park Service, [illegible]ser in transit, etc.,		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]tal current generated,		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]me receivable from the sale of electricity, ... $ [illegible]

[illegible]dicated to K. W. H.

55109

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Washington

June 29, 1931.

Memorandum For All Field Officers:

Last year the possibility of accidents among members of the construction and maintenance crews was forcibly called to our attention. It is very essential that the park officers take every precaution to safeguard such employees and avoid the possibility of accidents and to be fully prepared in case accidents do occur.

Before a crew is sent into a new area the engineer should make a study of all possible routes of exits in case of emergency. A map should be prepared and placed in the hands of each foreman showing the trail or road routes which should be used in case of emergency and the location of the nearest telephone which may be reached from the proposed camp. All other pertinent information should be shown and full information placed in the hands of every foreman in charge of a camp. The foreman should be instructed to study the area surrounding the camp in order that he may be fully prepared to take quick action in case an accident does occur.

A medical or first aid kit should be prepared and inspected for each crew before it enters the field. It should be accompanied by a copy of the first aid instructions as prepared for inclusion in such units. Small kits frequently inspected and replenished are better than large supplies of materials. For the first aid kit the following are suggested:

Acetone, for cleansing the skin ..... 8 oz.

Skin can not be disinfected or sterilized without injury. Fuel gasoline is probably available near every camp and is advantageous to use in cleaning very dirty skin preliminary to use of acetone or as an aid in removing adhesive plaster. In general, acetone is too irritating to be used on wounds directly.

Mercuric chloride solution (corrosive sublimate)
1:500 (labeled "poison" and colored blue) ..... 1 oz.

This is a disinfectant solution, to be used where necessary to wash off wounds gently, instead of tincture of iodine or mercurochrome.

Most wounds do better without an antiseptic, because any antiseptic which is efficient partially devitalizes the tissues. Where a wound is soiled, however, or already shows signs of infection, the use of this antiseptic will help to keep down the infection. Very rarely will it be necessary to apply it as a dressing. Usually, the best way is to swab the wound with a sterile gauze moistened in the

antiseptic and apply a dry sterile dressing or leave it open thereafter. Mercuric chloride does not penetrate but coagulates the superficial layer of a wound. It also will attack metal. Therefore, rings should be removed from the fingers when using it. It does not discolor the skin as do iodine and mercurochrome; in this way, the first signs of infection or inflammation are promptly visible.

Magnesium sulphate (Epsom salt) ..... 1 lb.

This is useful as a cathartic in two tablespoonful doses dissolved in water and followed immediately by a full glass of water. It is also useful in strong solution, about 10 per cent, as a soak or dressing to relieve inflammation.

Powder, equal parts salt, borax, and cooking soda ..... 8 oz.

This is for use as a gargle, mouth wash, and general mild alkaline antiseptic around mucous membranes. One-half teaspoonful to be dissolved in quarter of a cup of hot water.

Boric acid, 2 per cent, made with distilled water sterilized and kept sterile ..... 1 oz.

With sterile medicine dropper, to be used for eye infection.

Chloride of lime ..... $\frac{1}{4}$ lb.

For general disinfecting purposes outside the body.

Soap liniment ..... 1 lb.

Oil of cloves ..... $\frac{1}{2}$ oz.

To be applied on absorbent cotton, for toothache.

Petrolatum (vaseline) ..... 2 oz.

Boric acid ointment ..... 1 oz.

Zinc oxide ointment ..... 1 oz.

For unbroken skin only, not for wounds or burns.

Whitfield's ointment ..... 2 oz.

For ringworm of the feet.

Castor oil ..... 1 pt.

In two to four tablespoonful doses to secure single evacuation of the bowels. Often helpful in diarrhea, on account of constipating effect thereafter.

Paregoric ..... 1 oz.

Poison label.

To quiet cough and check diarrhea; 1 to 2 teaspoonfuls in water. Not to be given oftener than necessary on account of containing opium.

5-grain Aspirin Tablets .....100 tablets.

To relieve headache or pain in throat, joints, or muscles. May be applied to back of throat as powder or solution.

Calomel tablets, $\frac{1}{4}$-grain ..... 50 tablets.

To clean out bowels. May be given every 15 minutes until 8 doses are taken, unless an effect is earlier produced. Beware of use of cathartics in case of possible inflammation, which would be suggested by abdominal pain or tenderness.

Aromatic spirits of ammonia ..... 4 oz.

As a general stimulant, $\frac{1}{2}$ teaspoonful in water.

Absorbent cotton, 1 oz. packages ..... 2 packages.

Adhesive plaster

1" x 10 yards ..... 2 spools.
2" x 10 yards ..... 2 spools.

Wooden tongue depressors, 6" ..... 1 doz.

$1\frac{1}{2}$" sterile compress bandages ..... 1 doz.

3" sterile compress bandages 6

4" sterile compress bandages 6

Muslin bandages

2" x 5 yards 6
4" x 5 yards 6

Sterile gauze pads, in packages of 6 each ..... 12 packages.

Large size triangular bandage 2

Safety pins ..... 2 doz.

Scissors ..... 1 pair

Clinical thermometer 1

Splints, 18" long, 3½" wide, 1/6" thick 1

Muslin, for slings and binders ..... 2 sq. yds.

The foreman of each crew should be required to submit a requisition for additional supplies or equipment, or to submit a statement that he does not need additional materials, at least once a month.

The engineer in charge of construction should make it his duty to inspect the medical kit at very close intervals and advise the foreman as he thinks necessary.

The foreman in charge of the camp should study and endeavor to become proficient in the first aid instructions in order that he may be prepared to give first aid in case of an accident.

Trail crews in some of the parks have been working at a very considerable distance from telephone communication. We think as a general policy that we should endeavor to place telephone communications in practically every construction camp. We had this in mind last winter when the allotments for trail construction were made. It is our thought that the telephone lines so constructed should be of a rather permanent type and one which can be used as trailside telephone after the trail is completed. In fact, permanent trailside telephone boxes may be established which will be accessible for fire purposes and for tourist use.

We know that the cost of this will be very considerable, but feel that the increasedservice to the trail crews will partially compensate for its cost, and the factor of safety in case of accident will more than compensate for cost of construction. There are certain cases of course where this procedure can not be followed.

It has been the policy of some of the superintendents to employ no man on construction crews under twenty-one years of age. In other parks boys have been employed considerably under twenty-one years of age. We do not wish to set up any arbitrary rules in this matter, but will state that precautions should be used in hiring men under twenty-one years of age, and where such men are employed that they should constitute only a small percentage of each crew. In other words, the crews who are operating in the isolated areas must be men of experience and discretion and men who know how to handle things in cases of emergency. We would not discourage completely the hiring of men between eighteen and twenty-one years of age, as we know that some such men are the very best of workers and need employment as well as the older men. Our whole thought in this case is to caution against the use of too large a number of men under twenty-one years of age, and to use only those who appear to be best fitted for the field activities.

ARNO B. CAMMERER,

Acting Director.

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK

1930 COMPARATIVE TRAVEL FIGURES WITH 1929 AND 1928 - MONTH OF JUNE

JUNE 1930

	RAIL (People)			MOTOR		MISCL.	TOTAL	TOTAL
ENTRANCE	Hotels	Camps	Total Rail	Cars	People	(People)	(People) MONTH	(People) SEASON
North	613	359	972	3185	9343	31	10346	13964
West	1091	753	1844	4790	14604	175	16623	18087
East	216	226	442	2559	7779	26	8247	8247
South				1086	3252	9	3261	3322
TOTALS	1920	1338	3258	11620*	34978	241	38477	43620

* Sub. one car. Permit cancelled.

JUNE 1929

	RAIL (People)			MOTOR		MISCL.	TOTAL	TOTAL
ENTRANCE	Hotels	Camps	Total Rail	Cars	People	(People)	(People) MONTH	(People) SEASON
North	869	412	1281	2810	8443	82	9806	13532
West	1464	875	2339	3675	11058	69	13466	14069
East	547	258	805	2246	6887	11	7703	7703
South	4		4	614	1820	4	1828	1936
TOTALS	2884	1545	4429	9345	28208	166	32803	37240

JUNE 1928

	RAIL (People)			MOTOR		MISCL.	TOTAL	TOTAL
ENTRANCE	Hotels	Camps	Total Rail	Cars	People	(People)	(People) MONTH	(People) SEASON
North	803	659	1462	3599	8061	63	9586	12094
West	1424	710	2134	3494	10150	27	12311	12867
East	543	299	842	1718	5201	29	6072	6072
South				318	881	6	887	923
TOTALS	2770	1668	4438	9129	24293	125	28856	31956

TRAVEL NOTES

The North and West Entrances were opened to automobile travel on May 17th, and the South Entrance on June 11th, and the East Entrance on June 15th.

Official opening exercises at Gardiner on June 18th.

Rail travel opened on June 17th with 178 passengers as compared with 73 passengers year to date. Rail travel June 18th was 44 as compared to 435 same date last year.

Record daily travel of 2272 on June 24th as compared with 2401 on June 30 of last year.

Total travel season to date 43,620. Previous record 37,240 at close of June, 1929. Gain 6380.

Rail travel for month, 3258; last year 4429. Loss 1171.

Number of cars for season to date, 13,416; last year; 10.905. Gain 2511.

STATEMENT SHOWING AUTOMOBILE TRAVEL BY STATES
YELLOWSTONE NATIONAL PARK - SEASON OF 1930 THROUGH JUNE 30

	NORTH		WEST		EAST		SOUTH		TOTAL	
AME OF STATE	Cars	Passen-gers	Cars	Passen-gers	Cars	Passen-gers	Cars	Passen-gers	Cars	Passen-gers
'abama	2	5	8	33	6	16	1	3	17	57
izona	10	25	53	162	5	12	5	13	73	212
ansas	1	2	8	26	6	21	7	25	22	74
alifornia	302	769	1159	3227	202	576	152	427	1815	4999
olorado	66	169	88	253	135	420	86	250	376	1091
onnecticut	3	6	7	17	19	62	1	2	30	87
elaware			3	5	2	6			5	11
ist. of Col.	3	8	8	20	12	39	6	15	29	82
lorida	9	20	14	49	7	17	6	18	36	104
eorgia	2	8	6	26	2	6	3	7	13	47
daho	52	146	694	2411	18	61	73	243	837	2861
llinois	107	311	103	273	229	650	65	191	504	1425
ndiana	28	78	48	157	58	173	13	41	147	449
owa	63	199	59	185	132	439	32	99	286	922
ansas	26	74	47	163	50	152	28	79	151	468
entucky	4	11	17	52	9	31	5	18	35	112
ouisiana	2	6	8	26	5	20	5	30	20	82
aine			1	3	4	13			5	16
aryland	4	14	13	40	13	37	1	2	31	93
assachusetts	10	27	10	32	33	79	6	18	59	156
ichigan	65	199	53	150	108	322	20	51	246	722
innesota	230	746	75	230	185	608	16	43	506	1627
ississippi	1	2	6	14	8	27			15	43
issouri	22	70	46	154	50	160	32	97	150	481
ontana	970	2929	504	1621	103	342	23	76	1600	4968
ebraska	48	139	48	150	100	309	44	119	240	717
evada	4	10	33	99	2	4	4	12	43	125
ew Hampshire	1	2	3	11					4	13
ew Jersey	13	37	26	68	21	60	7	20	67	185
ew Mexico	6	18	14	36	6	17	7	19	33	90
ew York	38	110	65	162	66	179	23	47	192	498
orth Carolina	1	2	4	12	4	7	3	10	12	31
orth Dakota	156	518	35	144	65	207	4	11	260	880
hio	57	146	80	243	115	344	32	98	284	831
klahoma	24	76	45	140	22	68	30	110	121	394
regon	41	109	176	511	39	122	20	57	276	799
ennsylvania	28	76	59	177	58	178	20	63	165	494
hode Island	4	13	4	13	4	14			12	40
outh Carolina			7	29			5	12	12	41
outh Dakota	57	182	33	112	68	212	11	39	169	545
ennessee	7	21	15	52	6	17	5	17	33	107
exas	32	89	61	185	42	131	37	113	172	518
tah	65	163	359	1093	24	53	49	144	497	1453
ermont	1	4	2	4	3	7	2	5	8	20
irginia	5	14	8	28	7	20	2	8	22	70
ashington	150	448	321	938	75	235	30	82	576	1703
est Virginia	4	12	7	26	5	14	4	11	20	63
isconsin	116	329	55	178	100	330	14	34	285	871
yoming	53	148	60	193	247	770	130	430	490	1541
laska			1	2					1	2
anada	79	254	35	111	20	53	2	8	136	426
awaii	3	8	4	10	1	2			8	20
anal Zone	2	6	2	5					4	11
exico			1	4					1	4
orto Rico					1	3			1	3
hina			1	4					1	4
OTALS	2977	8758	4602	14068	2503	7645	1071	3217	11153	33688
Cars entering second trip, unclassified by states									431	1515
Motorcycle, unclassified by states									35	48
Pre-season travel, unclassified by states									1796	5111
RAND TOTAL ALL CARS AND PASSENGERS, classified and unclassified									13415	40362

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

CHIEF RANGER'S MONTHLY TRAVEL REPORT, MONTH OF June, 192~~1~~ 30

	NORTH		WEST		EAST		SOUTH		ALL TRAIL ENTRANCES		SUMMARY	
	Cars	People	Cars	People	Cars	People	Cars	People	Horses	People	Cars	People
Automobile permits issued	2515	5129	4179*	12871	2500	7636	1069	3211			10263	28847
Automobile permits issued (complimentary)	5	11	7	12	3	9	2	6			17	38
Cars entering second time	186	541	176	521	49	125	12	32			423	1219
Motor-cycle permits issued	11	16	9	12	7	9	3	3			30	40
Total	2717	5697	4371	13416	2559	7779	1086	3252			10733	30144
Passengers in horse-drawn vehicles												
Passengers on horseback												
Passengers on bicycles		23		147		26		9				210
Passengers on foot												
Total incoming passengers with private transportation	2717	5720	4371	13563	2559	7805	1086	3261			10733	30354
WITH HIRED TRANSPORTATION												
Yellowstone Park Transportation Co.		972		1844		442						3258
Total incoming passengers with hired transportation												
TOTAL INCOMING PASSENGERS		6697		15407		8247		3261				33612

Total automobiles in public camping grounds 4525

Total automobile campers in public camping grounds 16191

Total passengers Cooke City stage 16

Total visitors Cave Falls—Bechler River Region 6195

SEASON TOTAL END OF LAST MONTH 2683 10008

SEASON TOTAL TO DATE 13416 43620

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

CIRCULAR NO. 3 June 13, 1930

The following shifts of operators on the Government switchboard at Mammoth Hot Springs will become effective June 16, 1930:

Hours of Duty for Operators

June 16th to June 21st
(Schedule No. 1)

Operators	From	To	Hours
1. Mrs. Kocher	6.30 A.M.	9.30 A.M.	3
2. Mrs. Allan	9.30 A.M.	12.30 P.M.	3
3. Miss P. Hundley	12.30 P.M.	2.00 P.M.	1½
4. Mrs. Allan	2.00 P.M.	6.00 P.M.	4
5. Miss P. Hundley	6.00 P.M.	Midnight	6

June 22nd to June 28th
(Schedule No. 2)

1. Mrs. Kocher	6.30 A.M.	9.30 A.M.	3
2. Miss P. Hundley	9.30 A.M.	1.00 P.M.	3½
3. Mrs. Allan	1.00 P.M.	2.00 P.M.	1
4. Miss P. Hundley	2.00 P.M.	6.00 P.M.	4
5. Mrs. Allen	6.00 P.M.	Midnight	6

The shifts for the remainder of the summer season will change each week, and will be as follows:

June 29th to July 5th.....Schedule No. 1
July 6th to July 12th.....Schedule No. 2
July 13th to July 19th.....Schedule No. 1
July 20th to July 26th.....Schedule No. 2
July 27th to August 2nd.....Schedule No. 1
August 3rd to August 9th.....Schedule No. 2
August 10th to August 16th.....Schedule No. 1
August 17th to August 23rd.....Schedule No. 2
August 24th to August 30th.....Schedule No. 1
August 31st to September 6th.....Schedule No. 2
September 7th to September 13th.....Schedule No. 1
September 14th to September 20th.....Schedule No. 2

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

Calls coming through the Government switchboard from the various lodges should be carefully recorded.

The Government switchboard at the Lake will be open daily from 6.30 A.M. to 10.30 P.M.

"Visiting" on the lines is prohibited.

Roger W. Toll
Superintendent

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

June 15, 1930

CIRCULAR NUMBER 4

The following assignments for all park rangers for the summer of 1930 will be effective immediately:

Chief Ranger George F. Baggley in charge of all protection department activities.

Assistant Chief Ranger George J. Miller, Assistant to the Chief Ranger and in charge of headquarters office.

SPECIAL ASSIGNMENTS

Allyn F. Hanks, Park Ranger, will be assigned to assist with the Geophysical Laboratory work under the direction of Dr. Day and Dr. Allen.

Guy E. McCarty, park ranger, will be assigned to fish culture work in cooperation with the Bureau of Fisheries.

NORTHERN SUPERVISORY TERRITORY

Assistant Chief Ranger Harry Trischman in charge with headquarters at Mammoth.

NORRIS DISTRICT

Albert E. Elliott, Park Ranger, in charge.
Robert Wagstaff, temporary ranger.

GARDINER DISTRICT

Julius L. Greer, Park Ranger, in charge.
Albert S. Giesecke, temporary ranger. (checker)
T. Gilbert Pearson, temporary ranger. (checker)

TOWER FALLS DISTRICT

Everett L. Arnold, park ranger, in charge.
Frank H. Anderson, temporary ranger.
Evan Chambers, temporary ranger.
Edwin F. Parker, temporary ranger, Motorcycle Patrol.

BUFFALO CORRAL

Gerald P. Yetter, park ranger, in charge.

SODA BUTTE DISTRICT

John Bauman, park ranger, in charge.

COOKE DISTRICT

Clifford L. Anderson, park ranger, in charge.
J. Leon Evans, temporary ranger.

UPPER SLOUGH CREEK DISTRICT

James Dupuis, park ranger, in charge.

CREVICE AND HELLROARING DISTRICT

Roy C. Brown, park ranger, in charge.

MAMMOTH DISTRICT

William S. Chapman, park ranger, in charge of field work.
Ernest C. Dice, senior temporary ranger.
Kenneth Robertson, temporary ranger.
James C. Houston, temporary ranger.
Joe May, motorcycle messenger.

WESTERN SUPERVISORY TERRITORY

Assistant Chief Ranger Joe Douglas in charge.

WEST YELLOWSTONE STATION

Dudley Hayden, park ranger, in charge.
Mark H. Greenwood, temporary ranger. (checker)
Clark C. Buckham, temporary ranger. (checker)
Leon Poore, temporary ranger. (checker)

RIVERSIDE DISTRICT

Curtis K. Skinner, park ranger, in charge.

OLD FAITHFUL DISTRICT

Francis D. LaNoue, park ranger, in charge.
James L. Johnson, senior temporary ranger.
Carlos C. Davis, temporary ranger.
Earl M. Semingsen, temporary ranger.
John P. Mapes, temporary ranger.
Gilbert G. LaGorce, temporary ranger.
Eli Eichelberger, temporary ranger, Motorcycle Patrol.

BECHLER RIVER DISTRICT

Albert T. Bicknell, park ranger, in charge.
John F. Mathews, temporary ranger.

GALLATIN DISTRICT

Lee Cottrell, park ranger, in charge.

MADISON JUNCTION DISTRICT

Stewart C. Wilson, temporary ranger, in charge.

FOUNTAIN DISTRICT

Kendrick Melvat, temporary ranger, in charge.
William W. Williamson, temporary ranger.

SOUTHERN SUPERVISORY TERRITORY

Assistant Chief Ranger Edward D. Ogston in charge with headquarters at Lake.

SYLVAN PASS DISTRICT

R. R. Wisdom, park ranger, in charge.
Irene M. Wisdom, temporary ranger. (checker)
Richard Paul Ackers, temporary ranger. (checker)
James M. Tindall, temporary ranger. (checker)

CANYON DISTRICT

Fred T. Johnston, park ranger, in charge.
George A. Walker, senior temporary ranger.
George A. Eckels, temporary ranger.
Edward M. Shelton, temporary ranger.
Clifford L. Fretwell, temporary ranger.
Frank J. Silsbee, temporary ranger.
Harold Wylie, temporary ranger, Motorcycle Patrol.
Wayne Replogle " "

LAKE DISTRICT

Frank W. Childs, park ranger, in charge.
Fred Merrell, senior temporary ranger.
Daniel B. Purvis, temporary ranger.
Marion R. Crowell, temporary ranger, Motorcycle Patrol.

SNAKE RIVER DISTRICT

Rudolph L. Grimm, park ranger, in charge.
Hugh L. Scott II, temporary ranger. (checker)
Loy B. Worley, temporary ranger. (checker)

WEST THUMB DISTRICT

Elmer F. Peterson, park ranger, in charge.
Roger H. Kruse, temporary ranger.

THOROFARE DISTRICT

Donald Field park ranger, in charge.

COLD CREEK DISTRICT

John W. Jay, park ranger, in charge with headquarters at Lake.

FISHING BRIDGE STATION

Sheldon Dart, temporary ranger, in charge.
John A. Mitchell, temporary ranger.

DUNRAVEN PASS STATION

Lowell C. Biddulph, temporary ranger, in charge.

HEART LAKE DISTRICT

Arnold F. Settlage, temporary ranger, in charge.

Roger W. Toll
Superintendent

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

June 15, 1930

RANGER NATURALIST ASSIGNMENTS

MAMMOTH

Dr. E. N. Jones, Head Ranger Naturalist in charge of the entire Ranger Naturalist Staff.
Newell F. Joyner, Jr. Park Naturalist, cooperating with Dr. Jones throughout the summer.
Edward A. Flottman, Senior Ranger Naturalist in charge of Educational Staff at Mammoth and Norris.
Herma Albertson in charge of Information Office.
Frank Oberhansley.
Dale Leslie.

NORRIS

Compton Crook in charge of Norris Museum.

OLD FAITHFUL

Dr. W. B. McDougal, Senior Ranger Naturalist in charge of educational activities at Old Faithful and Madison Junction.
Philip Martindale.
Thomas J. Stewart, Jr.
Herbert T. Lystrup.
Dr. Edward C. Reinhard.
Dean T. Cornwall.
Raymond Cutter.

LAKE

Dr. Harry M. Kelly, Senior Ranger Naturalist in charge of educational activities at Lake, Fishing Bridge, and West Thumb.

FISHING BRIDGE

Willis T. Smith

CANYON

Dr. Vernon A. Young.

MT. WASHBURN

Frank H. Smith.

TOWER FALLS

Marguerite L. Arnold.

Roger W. Toll
Superintendent

Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-5
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- Motor visitors to Yellowstone National Park this year will find several road improvement projects underway or completed. Work on contracts for more than half a million dollars in highway construction is in progress under supervision of the Bureau of Public Roads. Several stretches under construction last year have been completed.

Improvement of the eastern entrance road is continuing and by the end of next season a 16 mile stretch from the boundary line, across Sylvan Pass to Cub Creek, will be completed with a surfacing of crushed rock.

A contract has been let to complete 14 miles of road from Norris Junction to Madison Junction, another contract covers reconstruction of a two-mile road to Artist Point, at the Canyon and improvements are underway between Mammoth and Norris and also between Madison Junction and Old Faithful.

Improvements will be begun later between Dunraven Pass and Tower Falls.

Wyoming, Montana, and Idaho have work in progress or recently completed, resulting in better approach roads to all of the four entrances to the park. These improvements are accomplishing a steady increase in the mileage of first class, hard-surfaced, all-weather roads on the main highway routes.

Early park visitors have expressed enthusiasm over the condition of the roads, as it is declared the highways are in better condition than ever before.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-6
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- Out here in the land of silver clouds and silver dollars, where bears are bears and buffaloes are nothing else but, the city-bred visitor to Yellowstone National Park sometimes gets a "kick" where there really is none coming.

Fellow visitors, among the early arrivals in the Park, tell this one on a member of their party, a big town university student.

As the train was approaching the park from the east, the youth looked out of the window and off in the distance was a huge cloud of dust.

Immediately he set up a cry of "Buffalo, Buffalo!"

But much to his chagrin, to say nothing of the guffaws of his companions, it was learned, when the dust cleared, the "herd of buffalo" was just a half dozen timid barnyard cows.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-7
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- Pre-season visitors to Yellowstone National Park this year, show a decided increase over 1929 and basing their opinions upon the early influx, park officials believe a heavy season is presaged.

In the week prior to the official opening of the park on June 18, 4,674 persons visited the park, as compared with 3.633 guests the corresponding week in 1929. A total of 1,571 automobiles was checked, or 336 more than a year ago. This represents an increase of 29 per cent in the number of visitors.

Visitors to the park thus far this year total 14,830, or 4,345 more than had entered up to the 1929 official opening. Automobiles total 5,132, while the 1929 pre-season car travel was composed of 3,670 motors. These figures represent a 41 per cent increase over the 1929 record.

Officials of railroad lines have expressed optimism at the prospects for 1930.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-8
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- Calling attention to the "beauties and lure" of Yellowstone National Park, Dr. Julius Klein, government statistician, recently declared that, "the greatest contribution Americans can make this summer to American business is to spend their vacation money within the United States."

Eastern vacationists' attention was called by Dr. Klein to "the cool restfulness of the Rockies and the impressive grandeur of their canyons and forests," and he urged all to adopt as their slogan: "American tourist dollars to aid American business."

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-9
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- Butcher, baker or candlestick maker, may be that and that only "back home," but, out here in Yellowstone National Park, he's something else again.

The newcomer to the park may be a banker, yes, or even a senator in his home town, but in the lingo of the old west, he's a "dude" or perchance a "sage brusher," even though he didn't know it. A "dude" is the visitor who travels by train or bus and the camper is a "sage brusher."

These names are not in aquadium at all, but are typical western and it would take considerably more than a mountain landslide to bury the custom of dubbing the visitor something he probably thought he was not.

So, if the unitiated visitor is told that, "Noah" will fix him up for a ride to the park with a "gearjammer" and that on his arrival he will be met by a band of "savages," he should not become alarmed or begin a hunt for his informant's "keeper," for after all, it's all right. "Noah," let it be understood, has nothing whatsoever to do with an ark, but happens to be the man in charge of the bus loading. Then again, a "gearjammer" might sound a little like a "joy-killer," only he happens to be a driver of a Yellowstone Park bus. And the "savages" are not really savage for that's the name by which park employees generally, are known.

In the parlance of the west, nearly everything is changed. A horseback rider is a "wrangler", while the tourist horseback rider guide is a "dude wrangler." Waitresses are "heavers," maids, "pillow punchers," porters, "pack rats," dish washers, "pearl divers," dish carriers, "bus boys," and hotel hostesses,"song wranglers".

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-10
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- Trials and tribulations of the watchmen at the hotels and lodges in Yellowstone National Park are chock full of hair-raising experiences. In fact, it's just "out of the frying pan and into the fire" all the time.

One night recently, as the watchman at the Canyon hotel was making his rounds, he met up with a grizzly bear. Having no particular fondness for grizzlies, the watchman left no stone unturned in his retreat.

Everything was going fine. The watchman was widening the distance between himself and the bear when something happened. He fell headlong over a big black bear having his night's snooze.

However, the black bear didn't seem interested, the grizzly turned back when he saw his black enemy and consequently, the watchman still is on the job.

Rum is prohibited in the park so the watchman's veracity isn't doubted.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-11
Release OF RECEIPT

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Yellowstone Park, Wyo., June 00 -- That women's organizations have had a very important part in bringing before the public the value of Yellowstone National Park, and in furthering the government's national park policy, was the declaration of Mrs. John F. Sippel, national president of the General Federation of Women's Clubs.

Yellowstone Park had its official opening with Mrs. Sippel presiding at the ceremonies at Gardiner, Montana, northern gateway to the park.

"Our civilization," Mrs. Sippel declared, "has tended to emphasize life within doors. The development of our homes and the industries and occupations that furnish them, the arts and many of our social customs, have inclined us to live too much within four walls.

"The happy combination of full revelation by our government to the people of their own marvelous possessions, the extensions of good roads, making for comfortable accessibility, together with multiplying automobiles, already have gone far to change these indoor habits, until today literally millions are welcomed in our national parks.

"The nation is learning to value them for recreational opportunities where tired nerves are made new, where worn bodies are revitalized.

"However, pleasure and recreation are not all that are held out to us. The little school geography of our early days could tell us little of the wonderland of Yellowstone Park and later travelers were stoned for telling half of their story. We learned perfunctorily of 'Old Faithful,' but were far from the realization that America has the greatest geyser region in the world.

"Our clubs stand ready to co-operate in the promotion of wise policies to safeguard and develop these gifts of priceless value."

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-12
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- One of the most interested visitors to Yellowstone National Park thus far this year, was Mrs. Lucretia Blankenburg of Philadelphia, Pa., honorary vice president of the General Federation of Women's Clubs.

Despite her 85 years and the fact this year's is the fourth trip she has made to the park, Mrs. Blankenburg declared, "Wonders in this gigantic natural playground never cease and no matter how many times one might visit it, there always is a new stock of thrills on hand."

Mrs. Blankenburg made the trip from her home in Philadelphia by automobile and, she said, "I am enjoying every moment." She is the widow of Rudolph Blankenburg, who, from 1912 to 1916 was reform mayor of Philadelphia.

"The womanhood of America," Mrs. Blankenburg said, "should know more about our national parks and the only manner in which their priceless value can be realized, is to visit them."

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-13
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- The "Old Woman Who Lived in a Shoe," had quite a sizeable family, 'tis said, but there's a black bear roaming the vicinity of Old Faithful in Yellowstone National Park, deserving of any trophies that might be awarded, according to Phillip Martindale, ranger naturalist at that station.

This bear treks nightly to the hotels and lodges at Old Faithful, four cubs trailing after her, for a handout. Three of the cubs are her own, while the fourth is believed by Ranger Martindale, to be an adopted "child."

"Never before, in my nine years in Yellowstone Park, have I seen a black bear with four cubs," Ranger Martindale said, "and I believe one of these cubs had been orphaned."

Bears, anywhere in the park, are always a great attraction for visitors, but this newly discovered family is proving to be a favorite with the guests, and as a result, the mother and her four cubs are living in royal fashion.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-14
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- Bears in Yellowstone National Park have a widely known habit of playing cunning pranks, but park officials freely admit bruin sometimes gets their "goat."

Black, brown and grizzly bears indulge in numerous games. They romp after one another as if playing tag or run-sheep-run. Then, too, the blacks and browns have tree-climbing contests! Rack their memories as they may, though, park officials don't recall that the bears ever played "horse" until the other day.

Turning their noses up at such delicacies as fresh garbage, bears at the Canyon "burglarized" a building in which the horses' oats are kept, and from the appearance of the bin the next morning it is believed there were a lot of sick tummies.

In any event, the bears have the horse-laugh on park attendants, who declare if this keeps up, it may be necessary to turn the horses loose and saddle the bears.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-15
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- The road to the summit of Mount Washburn in Yellowstone National Park, always an important attraction for park guests, will be opened to the public July 1.

The trail-blazer car, piloted by Roger W. Toll, park superintendent, made the ascent a day or so before the official opening of the park for the summer.

Visitors to the park always are eager to make the trip up Mount Washburn, as it affords an experience not soon to be forgotten, the journey being packed to the very top with thrills.

From this vantage point, an elevation of 10,346 feet, one is able to "see" Yellowstone National Park "at a single glance."

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-16
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- The buffalo in Yellowstone National Park, always elusive, have become more wary and have found new and more secluded haunts, according to the park's chief buffalo keeper.

In any event, it took the buffalo keeper and his men seven days to catch seven animals and in the long trek into the remote corners of the Lamar River sections, man and horse alike were nearly worn out in the hunt.

Each year a number of the animals are taken from the Lamar River herd and are placed in a pasture at Mammoth Hot Springs as a feature of the many exhibitions for park guests.

It is hoped and believed the number of captives will be increased as the summer progresses and to this end, further expeditions are contemplated.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-17
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- Due to the entire lack of formality among park employees, Yellowstone National Park has often been referred to as the "true center of democracy."

Here the educated and uneducated, the scions of wealthy families and the sons and daughters of the less fortunate, mingle with each other throughout the summer season in unrestrained recreation.

All signs of favoritism are lacking, nearly all are called Jack, Bill, Mary, Jane, or what have you, and as a result, the park workers are grouped together about as one big, happy family.

Discipline, to be sure, is necessary, but it is quite infrequent that officials get reports of infringements of the rules and regulations.

There is a variety of entertainment in which the employees indulge. This includes dancing, swimming, diamond ball, hiking, fishing, community singing and whatnot.

That the employees in the park like the system under which it is managed, is best attested to by the fact hundreds upon hundreds of them--students, professors and teachers and "just ordinary workers," scramble year after year, to get back.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-18
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- Guests in Yellowstone National Park who are desirous of making their vacations educational as well as recreational, are afforded the opportunity through the national guide service established by the government.

This service is maintained at Mammoth Hot Springs, Old Faithful, Yellowstone Lake, Canyon and Roosevelt Lodge, where guides and lecturers on the ranger naturalist force explain the many park wonders.

Trips are made afield and are so arranged as to be available to everybody. The service is free, as are the lectures given in the evening at the various points on the history, geology, flora and fauna of the park.

A combined museum and information office is maintained at Mammoth Hot Springs, park headquarters, and at Old Faithful, between Old Faithful Inn and Old Faithful Lodge. Museums also are available at Norris Geyser Basin and Madison Junction.

These museums are made possible from funds of the Laura Spelman Rockefeller Foundation through the American Museum Association.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-19
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- As though aware that the Yellowstone National Park season has begun and striving to do their very best for the edification and entertainment of park guests, geysers in the various basins have gone on a rampage and are alive with action.

Joining in the "inaugural" ceremony, incidental to the opening of the park for the summer, the Giantess geyser, situated in the Upper Geyser Basin, where Old Faithful does its stuff every 65 minutes, put on her satin-like cloak for the first time this year. The Giantess erupts once or twice each year, attaining a height of from 150 to 200 feet. The duration of each eruption is from 12 to 36 hours.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-20
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- Groundhogs, which to a lot of persons are merely weather barometers, important only on February 2, really are great pets in Yellowstone National Park.

Vieing with the bears of the park for their "place in the sun," these little fellows are becoming more and more popular with guests who delight in feeding them.

Groundhogs are numerous around the Lake hotel, and each morning dozens of them sally forth for their breakfast of sweet nuts and fruits, of which they are especially fond.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-21
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Yellowstone Park, Wyo., June 00 -- Jumping mackerel ! The fish in the waters of Yellowstone National Park are so anxious to swallow hook, line and sinker they won't even wait long enough for one to cast his line.

While Fred Kuhune, irrigator at the Yellowstone Park buffalo ranch in the Lamar river country, was at work, a whale of a Cutthroat trout leaped into the irrigation ditch, out of the ditch and into a meadow.

"For the moment," Mr. Kuhune said, "I had visions of flying fish, leaping crocodiles or something like that. In short, I didn't know what it was all about until I picked the fish up."

To his surprise, the fish weighed six and one-half pounds and was 25½ inches long, which is said to be an unusually large Cutthroat.

Be that as it may, though, fishermen are advised not to depend on the acrobatic proclivities of the fish in the park lakes and streams, but to go after them with hook and line and incidentally, park visitors report fishing to be exceptionally good.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- "Shooting" in Yellowstone National Park is encouraged by park officials, but only the kind that is done with a camera is permitted. Any other variety is strictly taboo.

Visitors in the park get quite a kick out of taking pictures of the animals and the bears seem to be the favorite subjects. They have become so accustomed to having their pictures taken they act as though they expected it every time they see a camera and straightway begin to pose.

Cameras are nearly as plentiful in the park as are the park wonders and guests frequently remark that, a tour of the park would not be complete without one.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS 1930-23
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Yellowstone Park, Wyo., June 00 -- Like the soft strumming of a harp, the mellow notes of a pipeorgan or the purring sound of birds flying swiftly. Such are some of the descriptions of the "musical sounds" heard over Yellowstone Lake in Yellowstone National Park.

This mystery, in the land of mysteries, has been the subject of volumes of articles by scientists and others, but as yet, there has been no scientific solution.

Writing of this acoustic phenomenon, which has bewildered many a park visitor, one scientist said:

"It put me in mind of the vibrating clang of a harp lightly and rapidly touched high up above the tree-tops, or the sound of many telegraph wires swinging regularly and rapidly in the wind, or, more rarely, of faintly heard voices answering each other overhead. It begins softly in the remote distance, draws rapidly near with louder and louder throbs of sound and dies away in the opposite distance; or it may seem to wander irregularly about, the whole passage lasting from a few seconds to half a minute or more."

It is said the sound has been usually noticed on still, bright mornings not long after sunrise, though others have reported hearing it later in the day.

There have been many guesses and theories advanced as to the cause of the sound, but none in which any particular credence has been placed.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- Grizzly bears in numbers, have begun to frequent the "Free Lunch Counter for Bears" at Old Faithful in Yellowstone National Park, and each evening finds hundreds of guests listening to the renowned "Sermon on the Mount" given by Ranger Naturalist Phillip Martindale.

These sermons have become one of the greatest attractions in the park, for, as one guest was heard to remark, "If one doesn't 'know his bears' after hearing one of these lectures, it's just too bad."

The "lunch counter" is a feeding platform, upon which, garbage from the hotel, lodge and camps is thrown and as Ranger Martindale puts it, "The bears know their groceries are there just as well as does the person who places the food."

This garbage is the bears' banquet and almost invariably blacks and browns, and on occasion, grizzlies, may be found feeding.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- That a great many of the visitors to Yellowstone National Park, come for information as well as recreation, is attested to by a cursory survey of a dozen guests, to ascertain the reaction to the lectures given by the ranger naturalists in all of the park hotels.

This survey was made among persons of various avocations, some of whom had wide, while others had but limited educations, and in every instance except one, it was declared a tour of the park would be incomplete without the explanations of the probable causes of the phenomena.

All of those interviewed had read at least something about the plant and animal life; the hot springs, geysers, canyon, formations and so on, but for the most part, such articles as they did read were either technical or else too brief and indefinite, it was said.

"The scientific phase of the park wonders is highly interesting," one guest said, "but the thing that makes the rangers' lectures doubly interesting, is the sidelights, or 'human-interest' angle."

Lectures are given each evening by the rangers and in most cases the lounges in the hotels are crowded with listeners.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- Each of the hotels in Yellowstone National Park--the Mammoth, Old Faithful, Lake and Canyon--has something of especial interest to visitors, whether it is a hot spring terrace, geyser, lake or canyon, but the two attractions which probably cause as much comment as any of the natural wonders, are the huge clock and fireplace at Old Faithful.

Upon entering Old Faithful hotel, the clock and fireplace immediately attract visitors' attention and in most instances, guests stand agape at these "wonders" made by man.

The clock, suspended from the fireplace, is more than 20 feet in height from the bottom of the pendulum to the top of the clock's face. And the fireplace, which is, in fact, four-in-one, there being grates on four sides, extends nearly half-way to the top of the building which is 104 feet from the main floor.

The clock was built in 1903 and like Old Faithful itself, still is functioning with unceasing regularity.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- Believed by park and railroad officials to be an expression of optimism over conditions generally throughout the country, organized tours of Yellowstone National Park began with the opening of the season, when the Northern Pacific brought in a delegation representing the General Federation of Women's Clubs, and with the opening less than a week old, the Union Pacific line transported 60 visitors from Los Angeles.

"This is only the beginning," according to M. M. Goodsill and J. E. Edwards, passenger traffic representatives of the Northern Pacific and Union Pacific, respectively.

Six more tours already have been booked by the Union Pacific line, according to Mr. Edwards, who said there would be about 75 passengers on each train.

The Northern Pacific, Burlington, Northwestern and Milwaukee roads, also are planning several personally conducted tours, it is said.

There are a great many persons, who, in former years have gone abroad, are spending their vacations this year in America, railroad men declare.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- Bus drivers for the Yellowstone Park Transportation Company in Yellowstone National Park, may be just ordinary "gearjammers" to their fellow employees, but let it be known they are a lot more than that, taking the word of park guests. They are lecturers personified, these sight-seeing car pilots, and they are no longer unsung.

For a long time some folks had the idea the government rangers' explanations of the park's wonders ended it, but as the bus drivers put it, "they ain't heard nuthin' yet."

Each driver is "schooled" in the why and wherefor of the interesting scenes and places in Yellowstone Park before he is put at the steering wheel of a bus and as a result of this, passengers gain much information in addition to that which the rangers give, as tours are conducted.

All the while the big cars wheel over the park's highways, the drivers are constantly pointing out this and that, giving brief but vivid explanations of what it is all about.

So, with this service, augmenting the government's educational program, visitors to the park invariably declare they had gleaned more information than they had anticipated.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- Can it be that the government rangers in Yellowstone National Park are pulling their purse strings a little tighter, or, is it a case of simply losing interest in the gentler sex?

Park officials are becoming somewhat perplexed over the situation and would like to know.

Anyway, to the story. There was a time, when hat bands--the fancy kind the rangers wear--sold at 50 cents per, or something like that and the nice badges cost about the same. Now, however, the hat bands have gone up somewhat and regulation badges have skyrocketed.

In the old days, letting a girl wear a hat band or a badge, was a sure sign of a match--and many matches there were.

Times have changed, though, and to see one of the feminine sex wearing either a ranger's hat band or badge is a rarity.

Whether the rangers--those who weren't "hooked" under the old system--have vowed to go through life without a mate, or even a sweetie, or whether it's just the old bugaboo of the high cost of living, the inquisitive would be glad to learn.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- Much has been heard about "harnessing" water falls for power to operate manufacturing plants and mills, but outside of Yellowstone National Park, it probably is little known that geyser water also can be used to good advantage.

"Harnessing" of the flow from geysers and hot pools at Old Faithful, is carried on quite extensively and to good advantage, it is disclosed.

The geyser water is piped to various buildings on the formation and serves as a "hot water plant" in winter and summer. A hot house, chicken coup, dwellings and other buildings, are heated in this manner, thus eliminating the need of a furnace or fuel.

The water pipes through which the geyser flow is circulated, are kept piping hot and as a result, the winter keepers, especially at Old Faithful, have fresh vegetables all winter long from the hot house and the warmth of the chicken coup is said to make the chickens lay all year round.

It has been suggested that, it would be nice if persons who live in cold climates outside the park, could have a little geyser in their back yard.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- It was a "bear" of an evening at the feeding grounds for bruin at the Canyon in Yellowstone National Park.

"A goodly crowd was there"--about 850 park visitors. Ten full grown grizzlies were counted, including a mother with three cubs and a mother with two.

Holding the center of attraction was the "king" of the herd, or flock or whatever formation bears come in, if any. He was in a very advantageous position, atop the "dinner table." There were bears all around him, each one, apparently, anxious to get a morsel of food, but the "king" held the fort and would let none nearer than the outer edges of the garbage pile, Just a mean look and a snarl was enough for even the most ambitious bear.

Nevertheless, everything was going along serenely enough, when the mother with the three cubs came along. She was hungry. So were the cubs. The "old lady" would venture close to the pile of food, the "king" would growl and the mother would back away.

Finally, with a determined "woof-woof," she raided the pantry, temporarily dethroning "King Bruin," and then divided the spoils with her family, going back for more provisions. However, the "king" had gone back to the pile in the meantime and with the second approach of the mother bear, things began to happen. There was a brief but fierce fight in which Mother Bear was nicked a couple of times.

Losing all sense of direction, Mrs. Bear and the three bearlets started toward the crowd, but a ranger stopped her. Were the spectators excited? And how!

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- Shades of Jim Bridger!

Even with the woods and mountains in and about Yellowstone National Park alive with deer, elk, moose, bear and whatnot, some persons are hard to convince, park rangers declare.

Attempt after attempt to point out to an old lady touring the park that the government does not recognize the necessity of staking out stuffed animals for the entertainment of park visitors, proved utterly futile, a ranger at West Yellowstone reports, so the skeptical one still has her own ideas.

Somewhere between Norris and Madison Junction, the doubtful lady saw a deer or an elk standing motionless some distance from the road. Stopping her car, the lady reported she indulged in some wild gestures, trying to get the animal to move. Intently but cautiously watching her, the elk, as rangers believe it was, refused to budge.

Informed the elk was, without a doubt, a real live one, the old lady said:

"Humph! I don't believe it. Blame thing is just stuck out there for advertising purposes."

And, "Ho hum," chorus the rangers. "When they hear or read about the animals and park phenomona, they don't believe it; that is, some don't. With others, the truth of the saying, 'seeing is believing', simply goes for naught. Wotta life, wotta life!"

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- So far as one aged visitor to Yellowstone National Park, is concerned, the question asked by rangers of every person entering the park, whether firearms are being carried, is foolish question number upteen upty-ump.

This old gentleman, well into his eighties, drove up to one of the park entrances. After putting him through the other formalities, the ranger-examiner queried:

"Are you carrying a gun with you?"

"Lordy no," the old man ejaculated, "I ain't toted no firearm since 1863, and that was in the Civil war."

The veteran, driving alone, was taken at his word, given the official o. k., and now is somewhere in Yellowstone Park.

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Yellowstone Park, Wyo., June 00 -- Charles B. Read and C. Jenson of the Carnegie Institute, are spending the summer in the Tower Falls region of Yellowstone National Park, studying the fossil forests.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- No matter how well meaning the admonishment, "Stop feeding the bears in Yellowstone National Park," may be, it sometimes seems ironical.

Witness the experience of Vincent H. Hunter and W. A. Coons of the publicity department of the Union Pacific railroad, in the park obtaining new photographs and incidentally, trying to dissuade visitors from feeding the bears.

Messrs. Hunter and Coons went fishing. Their piscatorial efforts proved fruitful. They caught five dandy mountain trout, cooked 'em, set the dinner table with the fish occupying a conspicuous place. But the fishermen didn't sit right down. Moreover, they didn't seem to take into consideration the fact bears can't read and know less than nothing about the "no feeding" signs, slogans, et cetera.

Unconcernedly going about their duties of getting the "trimmins' " ready for their evening meal, the men paid slight attention to the dining table.

Came a time when they were ready to eat. They approached the table, gazed, wiped their eyes and gazed some more. Can dead fish fly? they asked each other. Then, of a sudden, the cold truth chilled them. Peering in another direction, they saw the last of the fish making a hurried exit--in the mouth of a cub bear--so "fried trout with tartar sauce" was scratched from the menu.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- Taking advantage of the government's educational program in connection with the national parks, eighteen university students, employed by a nationally known magazine, visited Yellowstone National Park this month.

These men, who plan to visit the principal points of interest throughout the United States, are matriculating in schools in widely scattered sections, including, Minnesota, Columbia, Notre Dame, Texas, Southern California, Illinois, Chicago university, Baylor, Tulane, Louisiana State, Depauw and others. W. W. Smith of Depauw and P. R. Devereaux of Notre Dame, are in charge of the tour.

The Pictorial Review, sponsor of the tour, is awarding a $200 scholarship to the students obtaining 1,000 subscriptions. University graduates, also employed by the magazine, who obtain 1,000 orders, are to be given a European trip next fall. About 1,200 students and university graduates are engaged in this work each year.

After visiting Yellowstone Park, the college men planned to make a study of other national parks. They have visited Rainier park.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- Students, teachers and University professors from nearly every state in the union, are employed in the summer in Yellowstone National Park.

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Yellowstone Park, Wyo., June 00 -- The first of its kind to be established anywhere in the world, Yellowstone National Park reserve attracts more than 200,000 visitors yearly.

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Yellowstone Park, Wyo., June 00 -- Bus loading in Yellowstone National Park is a profession if there ever was one. Visitors marvel at the orderly manner in which passengers and baggage are handled.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- There are literally hundreds of hot vents and pools in the geyser basins of Yellowstone National Park, but the hottest is the Black Growler Steam Vent in the Norris basin. This vent registers 284 degrees fahrenheit.

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Yellowstone Park, Wyo., June 00 -- Interest of visitors in the animals in Yellowstone National Park never wanes. Bears are seen daily in summer at the feeding grounds near hotels, lodges and camps, along the roads and abundantly around the kitchen door at Roosevelt Lodge. Moose, mountain sheep, elk, deer, antelope,and beavers, also are observed daily.

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Yellowstone Park, Wyo., June 00 -- Saddle horse lovers desiring to visit the more remote and wilder sections of Yellowstone National Park, will find available, an extensive system of trails. Away from the beaten paths, the watcher on the trail is amply rewarded in the study of wild animals in their native retreats during summer months.

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Yellowstone Park, Wyo., June 00 -- Proving more popular each year with visitors to Yellowstone National Park, are the ranger naturalists' parties. Many lectures are given evenings and the service is rendered by the National Park Service ranger naturalists.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- A permanent ranger force composed of men skilled in forest-fire fighting and in the detection of offenses in violation of the rules and regulations governing Yellowstone National Park, is maintained in the park. The force is augmented in the summer season by temporary rangers who are assigned to protect the natural features of the park from depredations by thoughtless and careless visitors. This temporary force, as well as the regular ranger service, is charged with the duty of giving information to park guests and rendering other assistance to vacationists.

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Yellowstone Park, Wyo., June 00 -- Headquarters of Yellowstone National Park are at Mammoth Hot Springs, five miles from Gardiner, the north gateway. Here are the executive offices of the park administration and of the public utilities that operate in the park under government regulation and supervision. Roger W. Toll is park superintendent.

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Yellowstone Park, Wyo., June 00 -- Motorization of Yellowstone National Park has greatly reduced the time formerly required to travel from scenic spot to scenic spot and permits the visitor to spend a greater portion of his vacation in sight-seeing.

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Yellowstone Park, Wyo., June 00 -- Trout fishing in Yellowstone National Park waters is unexcelled. Nearly all of the great watersheds abound in trout. Yellowstone Lake is the home of large trout, which are taken freely from boats, while the Yellowstone River and its tributaries yield big catches.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- Covering an area of 139 square miles, or 88,960 acres, Yellowstone Lake, in Yellowstone National Park, is one of the largest lakes in the world at so great an altitude, 7,741 feet above sea level. The greatest depth of the lake is 300 feet and it has approximately 100 miles of shore line.

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Yellowstone Park, Wyo., June 00 -- Although hot springs are common in various parts of the world, the terraces at Mammoth Hot Springs in Yellowstone National Park, are said to be the most wonderful of all.

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Yellowstone Park, Wyo., June 00 -- Before the glacial epoch, it is said, there was no Grand Canyon of the Yellowstone, but its place was occupied by a gently rolling country. Melting ice, though, poured so much water into Yellowstone Lake that it overflowed to the north, possibly finding a shallow depression where the Canyon is now. The rock at this point had become decomposed and softened by hot steam and gasses and the new river found it easy to dig a deep passage for itself.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- Persons who ascend Electric Peak, highest in Yellowstone National Park, while it is lightning, soon discover why the peak was so named. Sparks frequently issue from their fingertips and their hair stands on end. The peak has an elevation of 11,155 feet.

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Yellowstone Park, Wyo., June 00 -- Yellowstone National Park is quite an immense "playground." It is approximately 62 miles north and south by 54 miles east and west.

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Yellowstone Park, Wyo., June 00 -- Yellowstone National Park was discovered in 1807 by John Colter, an adventurer from the Lewis and Clark expedition.

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Yellowstone Park, Wyo., June 00 -- An act of congress in 1872, signed by President U. S. Grant, created Yellowstone National Park.

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Yellowstone Park, Wyo., June 00 -- The highest mountains in Yellowstone National Park are, Electric peak, 11,155 feet, located 10 miles northwest of Mammoth Hot Springs; Mount Humphrey, 11,000 feet, seven miles east of the southeast arm of Yellowstone Lake, is second highest and Atkins peak, 10,900 feet, near Mount Humphrey is third highest.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June -- The lowest point of elevation in Yellowstone National Park is 5,313 feet, at the north entrance.

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Yellowstone Park, Wyo., June 00 -- The Continental Divide, found on the western boundary of Yellowstone National Park, is the dividing line between the watersheds of the Atlantic and Pacific Oceans.

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Yellowstone Park, Wyo., June 00 -- The four largest lakes in Yellowstone National Park, in order of size, are, Yellowstone, Shoshone, Lewis and Heart. All are located in the south half of the park.

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Yellowstone Park, Wyo., June 00 -- Fossils of marine life, found in many of the limestones and other sedimentary rocks exposed in and near Yellowstone National Park, indicate the park formerly was covered by a sea, according to geologists.

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Yellowstone Park, Wyo., June 00 -- There are about 200 active geysers in Yellowstone National Park, or more than in all of the rest of the world. There are geysers in Iceland and New Zealand. There are hot springs on every continent and in a considerable number of countries.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., June 00 -- From a geological standpoint, geologists declare, the fossil forests in Yellowstone National Park, are "comparatively young"--just a matter of three or four million years.

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Yellowstone Park, Wyo., June 00 -- The principal mountain ranges in and around Yellowstone National Park, are the Absaroka mountains which extend the length of the park on the north, northeast,east and southeast; the Gallatins, extending north and south near the western boundary of the park; the Tetons, which loom up to the south, just outside the present boundaries of the park and the Red mountains in the south-central part of the park.

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Yellowstone Park, Wyo., June 00 -- The postoffice in Yellowstone National Park is a busy place. Persons traveling through the park write home almost daily to tell the folks all about it. Picture post cards, though, tell most of the story and often, 20,000 post cards are mailed from Yellowstone Park postoffice in a single day.

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Yellowstone Park, Wyo., June 00 -- The present Yellowstone National Park was a part of the territory acquired by the United States under terms of the Louisiana Purchase of 1803.

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Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park,Wyo., June 00 -- Although only 25 buffalo had been left in Yellowstone National Park when protection laws were passed in 1896, the rest having been slaughted by hunters, there are now about 1,200 of these animals in the park.

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Yellowstone Park, Wyo., June 00 -- Botanists proclaim Yellowstone National Park a rich field of study. The whole park is a veritable flower garden, its coloring changing with the advancing season.

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Yellowstone Park, Wyo., June 00 -- Yellowstone National Park is an elevated plateau surrounded by mountains. The park has an average elevation above sea level ranging from 7,000 to 8,000 feet.

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Yellowstone Park, Wyo., June 00 -- It is said that travelers come from greater distances and in greater numbers to Yellowstone National Park than to any other single tourist objective in America.

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Department of the Interior
National Park Service
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Yellowstone Park, Wyo., June 00 -- The cornerstone of the great stone archway at Gardiner, Montana, northern entrance to Yellowstone National Park, which bears the inscription, "For the Benefit and Enjoyment of the People," was laid by President Theodore Roosevelt, who visited the park 27 years ago.

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Yellowstone Park, Wyo., June 00 -- Cody gateway of Yellowstone National Park, was opened to the public in 1916. It is ranked as one of the most spectacular features of the park.

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Yellowstone Park, Wyo., June 00 -- During the summer season, the mean average temperatures in Yellowstone National Park range from 54 to 64 degrees fahrenheit, with a maximum of 88 degrees.

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Yellowstone Park, Wyo., June 00 -- A cross-section in the largest part of the Grand Canyon in Yellowstone National Park, measures 2,000 feet at the top and 200 feet at the bottom, with a depth of 1,200 feet. The Upper Fall is 109 feet and the lower, or Great Fall, 308 feet in height.

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Yellowstone Park, Wyo., June 00 -- Yellowstone National Park is regarded as one of the largest and most successful wild animal refuges in the world.

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Department of the Interior
National Park Service
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Yellowstone Park, Wyo., June 00 -- Authorities estimate that forest and plant growth cover approximately 84 per cent of the entire area of Yellowstone National Park.

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Yellowstone Park, Wyo., June 00 -- The government's Bureau of Fisheries new fish hatchery at Yellowstone Lake in Yellowstone National Park, is proving to be an outstanding attraction to visitors. More game fish are said to be distributed from this point, than from any other in the world.

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Yellowstone Park, Wyo., June 00 -- There are said to be more than 200 species of birds in Yellowstone National Park. These include geese, ducks, gulls, eagles, hawks, owls, night hawks, ravens, Rocky Mountain jays, tanagers, bluebirds, water ouzels, blackbirds, meadow larks, robins and others.

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Yellowstone Park, Wyo., June 00 -- Yellowstone National Park is said to contain about 700 moose and they are believed to be increasing in numbers. The beaver, which has played an important part in the animal life of the West, also is increasing, according to estimates.

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