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

FILE NO.

MONTHLY REPORT

August, 1931

AUGUST - 1931

IMPORTANT

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HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 6—7410

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

YELLOWSTONE PARK, WYO.

OF THE SUPERINTENDENT

September 4, 1931.

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

Dear Mr. Director:

Following is a report of the activities of the Yellowstone National Park for the month of August, 1931:

000 - General

010 - Forest fires in the park were well under control by the first of the month. It was necessary to take every precaution to guard against further fires and a patrol was kept on the Heart Lake (Basin Creek) fire all of the month. A small fire in the Bechler River section reported on August 11 spread rapidly and threatened damage but enough men were put on the fire to get it under control the following day. The small amount of rainfall received during the month and the low humidity made the fire hazard particularly dangerous.

020 - General Weather Conditions

August was the seventh month of this year to have an average temperature above normal. The August average was 62.6 degrees, which is an average daily excess of 1.7 degree over the normal. The accumulated temperature departures from normal since January 1 amount to plus 507 degrees, an average of 2.1 degrees per day. The month was warmer than August last year, but cooler than August, 1929. The highest temperature of the month was 87 on the 11th; the highest on record for any August in the records was 88. The month's minimum temperature, 33 degrees, was registered on the morning of the 22th.

The succession of month's with less than normal precipitation is as yet unbroken. The August total was 0.73 inch, or 0.32 less than normal. Ten months have now passed without as much as normal precipitation in any of them. No snow was observed at Mammoth Hot Springs in August. The greatest amount of precipitation to fall within any 24 consecutive hours was 0.35, on the 30th-31st. A trace of hail fell with this rain. No other hail occurred during the month. Thunderstorms occurred on seven dates; light precipitation usually occurred on the same dates, but sometimes it was only a trace.

Relative humidity continued low, with a 8 a.m. average of 65.5 per cent; a noon average of 37.2 percent; and a 6 p.m. average of 37.4 percent. The lowest observed relative humidity was 11 per cent, at 6 p.m. on the 10th. There were 10 clear days, 16 partly cloudy, and 5 cloudy. The percentage of possible sunshine was 72. Southwest was the prevailing wind direction. Average hourly wind velocity was 5.8 miles. The maximum velocity for the month was 30 miles per hour, from Southwest, on the 7th.

100 - Administration

110 - Status of Work

Following the big fire in the Heart Lake region, the organization settled back to normal, but considerable additional work was necessitated through the paying off of fire fighters, paying vouchers for horses, supplies and equipment and the collecting of fire tools and equipment. However, by the end of the month practically all work was current.

120 - Park inspections by

121 - Superintendent

Most of the month was spent in the park, but one trip was made to Bozeman to address the Rotary Club there. Another trip was made to Victor, Idaho, to meet the Sub-committee of the House Appropriations Committee; and a third trip was made to Billings, Montana, to attend hearings on the proposal to dam Yellowstone Lake. The return from Billings was made on horseback from Richel Lodge to Nordquist Ranch over the route of the proposed Red Lodge Cooke-road. Trips away from headquarters during the month were made as follows:

August 2 - To Old Faithful, Lake, Canyon, Tower Falls and Mammoth with Edwards and Joffe.
August 4 - To Bozeman via Livingston to address the Rotary Club. Returned via Gallatin entrance and West Yellowstone.
August 12 - To Canyon and Lake to look over proposed route of Canyon-Lake road with Mr. Edwards, Mr. McCarter and Mr. Stinson of the Bureau of Public Roads.
August 13 - To Teton Park and thence over Teton Pass to Victor, Idaho. Met Sub-Committee of the Appropriations Committee at Victor and continued to Jackson Hole with the party.
August 16 - Returned to Lake with Congressmen Don Colton, Burton French and W. W. Hastings of Oklahoma. Went to Canyon with Mr. Hastings.
August 17 - Returned to Mammoth with Congressman Hastings.
August 18 - Made trip around loop with Messrs. Edwards and Kittredge and Oil Expert Goodwin to inspect various road projects.
August 19 - To east gate and return with Messrs. Edwards and Kittredge, inspecting road projects.
August 21 - To Lake in afternoon for night.
August 22 - Spent day at Lake with Mr. Fred Foster and returned to Mammoth for night.
August 23 - To Billings, Montana, with Messrs. Edwards, Kittredge and McCarter to attend hearings on proposal to dam Yellowstone Lake.
August 24 - Attended hearings in connection with proposal to dam Yellowstone Lake.
August 25 - Proceeded to Richel Lodge where horses were taken for trip over proposed Red Lodge-Cooke road. Reached Beartooth Lake for the night.

August 26 - Continued horseback trip to Nordquist Ranch over proposed Red Lodge-Cooke road.

August 27 - Looked over proposed road location through Stewart's Ranch. Returned to headquarters from Nordquist Ranch where we were met by Government car.

August 28 - To Old Faithful, Lake and Sylvan Pass with Messrs. Edwards and McCarter and Messrs. Palen and Capes of Bureau of Public Roads, inspecting road projects.

August 29 - To Mammoth via Fishing Bridge, Canyon and Tower Falls with Messrs. Edwards, McCarter, Palen, Capes and Stinson, inspecting road projects.

August 30 - To Canyon, Tower Falls, returning to Mammoth over new road from Canyon to Tower Falls.

Assistant Superintendent Edwards made the usual inspections of work around headquarters and all points in the field and accompanied Superintendent Toll to Victor, Idaho, to meet the House Appropriations Committee, and also to Billings to attend the hearings on the proposal to dam Yellowstone Lake. He also inspected with Superintendent Toll the proposed route of the Red Lodge-Cooke road. Mr. Edwards also made a horseback trip with the party of Idaho people over the proposed Ashton Old-Faithful road.

123 - National Park Service Officers

Dr. Harold C. Bryant, Assistant Director in charge of educational activities, entered at the west gate August 15 and left via the south gate on the 21st.

Dr. Wallace R. Atwood, Assistant to Dr. Bryant, entered at north gate on August 6, and left via the south gate on the 7th.

F. A. Kittredge, Chief Engineer, entered at the north gate August 15 in own car and left via the west on the 26th.

H. B. Hommon, Sanitary Engineer in charge of U.S. Public Health Service work in the park, entered at east gate August 5, leaving via the north on Aug. 15.

John D. Coffman, Fire Control Expert, entered at south gate July 20, leaving via the west August 13.

D. H. Madsen, Supervisor of Wild Life Resources, entered at south gate on August 12 and left via north on August 20 for Glacier.

George T. Grant, Photographer, entered via west gate July 2, leaving via the south gate August 11.

124 - Other Governmental Officers

Hon. Arthur M. Hyde, Secretary of Agriculture, entered at the north gate August 1, leaving via the same gateway on the 5th. Mrs. Hyde and daughter Caroline, Colonel H. R. Hoffman, Mrs. Hoffman, Major R. Y. Stuart and Dr. L. I. Hewes were in the party. They had their own transportation.

R. Y. Stuart, Chief Forester for U.S. Forest Service, entered at north

gate August 1 and left via the same gateway on the 5th.

Dr. L. I. Hewes, Regional Director for the Bureau of Public Roads, San Francisco, came in Gardiner August 1 and left via same gateway on the 5th.

W. C. Henderson, Associate Chief, Bureau of Biological Survey, Washington, came in Cody August 11 and in office same day for conference with Superintendent Toll. Mr. Henderson was accompanied by Leo L. Laythe, Regional Supervisor, Bureau of Biological Survey, Cheyenne; C. Buchford, Branch of Range Management, Forest Service; Stanley Young of the Predatory Animal and Rodent Control Branch of the Biological Survey.

A. E. Palen, Acting District Engineer, Bureau of Public Roads, Denver, came in east gate August 23 and out same gate August 30.

J. C. Evenden, Bureau of Entomology, Coeur d'Alene, Idaho, in west gate August 2nd and out east on the 5th. Reentered on the 11th and went out the north gateway on the same day.

140 - Labor Situation

Following the large fire in the Heart Lake region, the immediate reduction of fire fighters was begun and by the end of the month there were no fire fighters on the payroll. Due to the expense incurred in connection with the fire, it was necessary to shut down a number of projects and this necessitated laying off quite a few park employees. The decrease of business at the hotels, lodges and other park operations necessitated the early curtailing of the forces of the operators. At no time during the summer was there a shortage of help.

130 - Circulars, Placards, Publicity Bulletins, etc.

No circulars were issued during the month. Mr. J. L. Mader, who handled the publicity work in the park during the summer, left on Aug. 25. During the summer some 130 press releases were sent out to about 500 newspapers and in addition a number of special stories were distributed and quite a few United Press and Associated Press Dispatches were released. This was the largest number of publicity stories sent out during any one season of the park. From the clippings received through clipping bureaus subscribed to by park operators, it was shown that these press releases were used to a wide extent. Copies of the press releases for August are attached hereto. Nature Notes for July and August were distributed during the month and copies are attached hereto.

200 - Maintenance, Improvements and New Construction

The following is a report of activities under the supervision of the Engineering Department for the month of August:

MAINTENANCE:

Roads in the Park-#202:

Road maintenance for the month consisted of general routine repair and upkeep with special attention to the condition of culverts and ditches, preparatory to closing down section camps for the season during the early part of September.

A seventeen mile section between Canyon and Lake was scarified and reprocessed with very satisfactory results.

Dust palliative treatment with light applications of oil was carried on over approximately fifteen miles of highway, this mileage including the retreatment of various sections of the South Entrance road that had been badly damaged by heavy truck traffic during the period of the Heart Lake fire.

About seven hundred cubic yards of premixed oiled material for patching purposes was prepared by the concrete mixer lately purchased and distributed to the various sections as needed.

Roads in East Forest-#203:

Maintenance on this section involved no special features other than completing the clearing of debris resulting from the cloudburst of the previous month. The entire section is in excellent condition and the smaller of the two maintenance crews was disbanded on the last day of the month.

Roads in South Forest-#204:

In addition to general maintenance on this section some extra work was carried on in the vicinity of Pilgrim Creek, this work consisting of light surfacing and oiling across the gravel flat.

CONSTRUCTION:

Mammoth Sewer-#492:

Further work on this project was closed down for the season on August 20 and the crew transferred to other activities.

Signs-#525.4:

Due to delay in the receipt of shipment of materials very little work was done on this project during the month.

Otter Creek Road and Bear Feeding Ground-#525.5:

This project was completed early in the month and the feeding platform is now in use.

Trails, Old Faithful-#528.1:

Work was resumed on this project as soon as the crew was released from duty on the Heart Lake fire. Accomplishments include the completion of approximately 1200 feet of Bitumuls treated walk at the parking and utility area and the rough grading of 500 feet on the Geyser Hill trail.

Road Cleanup, Firehole Cascades-Obsidian Cliff-#543:

This is a new project to be carried on with a sub-allotment of funds from Roads and Trails. This is essentially a landscaping project consisting of the resloping of cuts, dressing of unsightly borrow pits or natural sink holes, and the improvement of parking areas along the road. A construction crew was installed at the old Beaver Lake Camp on August 22 and will be engaged on this work for the balance of the season.

Sanitation Department: Work of this department consisted of maintenance to water and sewer systems, repairing sheet metal roofs, inside plumbing and heating plants in buildings at headquarters, operating incinerators, and cleaning camp grounds and comfort buildings. Water and sewer systems were operated at Mammoth, Apollinaris, Norris, Madison Junction, Old Faithful, West Thumb, Lake, Fishing Bridge, Canyon, Tower Falls and Buffalo Ranch.

Electrical Department: Work of this department consisted of the usual electrical and telephone maintenance and installing lights at various places in the park. Four new telephones were installed.

Carpenter Shop: The Master Carpenter and his assistants were engaged in completing the lookout on Mt. Holmes. The addition to Lake Ranger Station was partly completed. Other work consisted of general maintenance of buildings in park.

Painting Department: Employees of this department were engaged in painting interior and exterior of buildings at headquarters and out in the park. Part of the month was devoted to painting and lettering signs.

300 - Activities of other agencies in the park

The travel during August was in line with what it had been during the other months and the business of the park operators was considerably under last year. The poor business necessitated the cutting down of the forces of the park operators considerably earlier than usual. All of the operators gave high class service and there were few complaints received, despite the fact that the operators were working with small forces.

On August 6, the price of gasoline in the park was increased one cent per gallon, making the cost at Mammoth 24 cents and at other points 25 cents. This change was based on an increase in tank wagon prices and equalized the prices in the park with those at West Yellowstone and Gardiner.

400 - Flora, fauna and natural phenomena

410 - Ranger, naturalist and guide service

The fire hazard in the park has been very great during the past month. Large numbers of signs prohibiting camping in out of the way camps were posted. Extensive patrols were kept up for the detection and suppression of fires.

Several changes in the temporary ranger personnel were made during the month. Sixteen of the temporary rangers had resigned by the end of the month. The permanent rangers are now preparing the snowshoe cabins and ranger stations for the coming winter.

John D. Coffman, Fire Control Expert, and George F. Baggley, Chief Ranger, left for Glacier National Park at 1:00 a.m., on August 14 due to the large fire in that park. Chief Ranger Baggley returned to Yellowstone at 5:00 p.m. on August 16. Rangers Harry Trischman, Curtis K. Skinner and Frank W. Childs were sent to Missoula, Montana, at 2:30 a.m. on August 18 to assist the Forest Service in combating the fires in that region. Harry Trischman returned on August 31. Frank Childs and Curtis Skinner returned on September 1.

The Chief Ranger and Field Assistant have made various inspection trips over the park since the Heart Lake fire.

430 - Museum Service

The following is the report of the museum and information office for the month:

Public Contacts: Total contacts for the month - 365,844, the result of 1171 activities, an increase of 53,041 contacts with a reduction of 295 activities. The average contact per visitor is over 5.

a. A total of 582 field trips with an attendance of 29678.
b. A total of 502 lectures with an attendance of 229,799.
c. A total of 87 auto caravans comprised of 5062 cars and carrying 20,179 visitors.
d. A total of 86,188 persons visited the five museums during the month.
e. A total of 57 special parties, numbering 2709 persons were conducted. (These figures are included in the total.)

Nine members of the staff were released from duty by the 31st.

Three meetings of Senior Ranger Naturalists and the permanent staff were conducted during the month.

Inspection trips were made in company with both Dr. Atwood and Dr. Bryant, as well as trips with auto caravans and the regular guide trips.

Nineteen days were spent on relief; Senior Naturalist Joyner relieving ranger naturalists from 10 lectures, 22 guide parties, and 6 auto caravans

400 - Films, films and national cinemas

410 - Theatre, dramatists and media culture

The film business in the period had been very quiet during the war years, large numbers of Algerian prisoners complied in out of the way venue present. Technical problems which were kept up are the domestic and international of films.

Several changes in the industry of course presented itself from time during the months, closing of the temporary campaign and restrictions by the end of the month, the personnel shortage was now was placing the economic crisis and shortage shortages for the second cinema.

Jean D. Cerfoin, also General Lugers, and George P. Dwight, chief manager, left for Atlantic Electrical Corp on 1100 m., on March 14 from 9 the Lugar View in Blue point. Chief Lugar Manager Dwight returned to Hollywood on March 16, leaving Harry Schwarz, Curtis C. Malone and Paul L. Willis were left to discuss, however, at 6:00 p.m. on March 21 to London the Normal Director is conducted the films in Cairo Theatre. Harry Schwarz returned to Lugar 21. Paul Willis and Curtis Malone returned to Hollywood.

The Chief Manager and Field Lugar Director made working Inspection tour over the pure across the Cairo Lugar Film.

400 - Theatre culture

The Cairo Theatre is our events of the drama and International Film for the media.

Public Cinemas: Total attendance for the month - 321,000, the number of 1171 activities, an increase of 23,000 returning of 2 - Theatre of the activities. The average content per theatre is about 3.

a. 1 total of 300 Cairo Series with an attendance of 80,000.
b. 1 total of 300 Lugar with an attendance of 28,700.
c. 1 total of 87 Lugar Cinemas Theatres of 1000 seats and accepting 20,171 visitors.
d. 1 total of 86,100 persons visited the film museum during the month.
e. 1 total of 37 special trains, accepting 2000 persons were mentioned. (These figures are included in the total.)

Some members of the staff were released from duty by the Army.

Some sections of Lugar Cinema Theatre Internationalized the Cinema staff were contacted during the month.

Importing films and take in company with Mr. Lugar and Mr. Dwight, as well as take the film and Cinema and the regular cinema series.

Cinemas edge were issued on military center Schools, Tribes Million for Lugar materials from 10 January, 27 with permits, and 4 cases received

as well as the regular information desk duty.

Nature Notes for July were mimeographed and franked to 645 individuals and institutions; for August to 550.

Library accessions for the month totalled 2 books, 1 pamphlet, and 24 periodicals. Sixty-one books were in circulation during the month.

Museum accessions numbered 4 for the month; 1 framed picture; 1 photograph, and 2 travertine specimens.

A total of 119 lantern slides were in circulation during the month.

A total of 135 negatives and prints were received during the month, with 129 negatives in circulation.

One day was spent on sorting and pasting clippings.

5023 publications with a total value of $2391.40 were sold at the Mammoth and Old Faithful Museums.

One special report, on an exhibit of live reptiles and amphibians, was prepared during the month.

All members of the permanent staff were on duty throughout the month, except one-half day sick leave granted the Junior Park Naturalist.

Three issues of the Yellowstone Park News letter were published.

12-1/2 days of additional stenographic help were given the educational department during the month.

430 - Zoo

The buffalo corral attendance during the month was 18,108 as compared with 12,459 last year and 18,903 in 1929. Hay was fed to these buffalo during the entire month.

440 - Insect Control

Timber Operations: A small amount of green timber was requested for building purposes at the Canyon and Old Faithful Lodges during the month.

Plans for supplying all ranger districts with fuel for the coming winter were made in the Chief Ranger's office the latter part of August. The fuel will consist of dead timber which will be located as close as possible to each district station, and will be transported to each station by road maintenance trucks where practicable.

as well as the English Schoolmaster (page 216).

Thanks lastly for Jack's note acknowledged and forward to Ed Brinkle and Barrington for inquiry in 1st.

Shirley Bassenden for the comic book handling is funny, I imagine, but is particularly interesting since more is attributed during the war.

Jeanne Bridgman received a the for Robin I Crown Plaque, I photocopied and a letter written.

A total of 114 Lessons during week in connection during the month.

A total of 114 magazines and pamphlets were circulated during the month, which are magazines is circulated.

Has Jay the right on another and pamphlet circulation.

This photocopying work is being a total value of [illegible] for members and 100 Pilgrim Lessons.

Two specials in July, on anniversary of Elm Publication and [illegible] was prepared during the month.

All members of the permanent staff have an day [illegible] month, except one-half day also have attended the Junior Book Exhibition.

Three issues of the Bulletins have been larger were published.

Staff days of activities [illegible] have been given, but [illegible] during the month.

Gen - [illegible]

The circulation during circulation during the month was 12,[illegible] compared with 11,[illegible] last year. In 1962, 12,401 in 1963. Jay was [illegible] before joining the [illegible] month.

Gen - Tenant Problem

Tenant Complaint: A small amount of [illegible] tenant has [illegible] the building problems with the tenant and all [illegible] during the month.

Plans for adopting all Boston Libraries also [illegible] for the coming [illegible] were made in the Dalton Community [illegible] the Library [illegible] [illegible] the [illegible] of [illegible] which will be [illegible] [illegible] as possible as [illegible] [illegible], and will be [illegible] [illegible] [illegible] by [illegible] in [illegible] [illegible] [illegible].

All the timber required for constructing two miles of guard rail on the Sylvan Pass road has been located and marked. Approximately 200 trees were marked during the month of August, which brings the total number of trees supplied for the project to over 600. These trees were located in areas close to Sylvan Lake and on Cub Creek, in the Lake District.

Fifteen trees of 8 and 12-inch diameter were requested by the Stevens Bros., road contractors, late in August. These will be used for guard rail on the new Gardiner River, Obsidian Creek bridge.

Type Map and Insect Survey:

Rapid headway has been made by the type map party this month. The area west of Bechler River to nearly the center of Pitchstone Plateau and south to Cascade Cabin has been completed. Considerable time was consumed in the Bechler River Canyon and Mountain Ash Creek country, in scouting for new infestations of mountain pine beetle, but no serious discoveries were made, with the exception of the infested areas already known but left over from this year's control work in that region. The entire crew spent two days fighting the Robinson Creek fire in the Bechler district, which they discovered shortly after its origin.

Insect Control:

Observation work by park officers on fire duty in the Heart Lake region disclosed several areas containing groups of newly attacked mountain pine beetle trees. Several groups were located close to the burned area on Big Game Ridge and Chicken Ridge by rangers Al Elliott and Maynard Barrows. A heavy infestation was noted by F. T. Johnston on the northeast side of Mt. Sheridan. Forty-four new attacks were counted along the trail to the summit of Mt. Sheridan, and all were confined to groups of six to fifteen or more trees. The large number of newly infested trees and comparatively small number of red top trees suggest that favorable climatic conditions of this season has created an epidemic outbreak of mountain pine beetles in this region.

Plans for having a two-day insect control training camp at Bechler River the first week in September were made the latter part of August. James W. Evenden will instruct the park officers attending this camp in the methods of making preliminary surveys for control work.

460 - Birds

The usual numbers of birds are prevalent in the park. There are large numbers of ducks and geese on the Yellowstone and Madison Rivers. One pair of trumpeter swans was seen on Farm Lake. The pair on Trumpeter Lake near Tower Falls are still there with their three cygnets. Fourteen blue herons were seen at one time in the Lamar Valley. The ospreys are numerous over the streams in the park and are to be seen daily on the Yellowstone River catching fish.

470 - Animals

Large game animals are gradually moving to lower altitudes and are being seen by visitors over the entire park. All animals seen are noted to be in good condition. Range and forage conditions are fair.

Elk: During the letter part of the month large numbers of elk were being seen by the visitors in the meadowlands along the roadsides. Eighty were counted in Pelican Meadows, fifty in Elk Park, 100 in Hayden Valley and 500 between Mammoth and Dawn Pass. Forage conditions are fair.

Deer: Several deer were noted in Mammoth on August 25. These animals are also being seen all along the roadsides. All animals seen are in good condition.

Antelope: About 15 head of antelope are to be seen daily near the Gardiner ranger station. Only a few antelope are left in the Lamar Valley, there being only a few remaining in that territory.

Moose: Moose are very numerous in the Tower Falls district and are very tame; a count disclosed about 20 head. The usual numbers are in Bechler River and Thorofare regions.. Six head were counted on Cougar Creek in the Riverside District. All of these animals are in excellent condition. On August 6 a moose on Geode Creek was found to be in very poor condition and was killed by William Rush for investigation. It was disclosed that this particular moose had been shot at and hit in the shoulders, probably some time last winter.

Buffalo - Lamar River Herd: The buffalo are gradually drifting toward their winter ranges. Over 200 head were counted at one time on the upper hay fields. All animals are in excellent condition. The calf crop is estimated at 150 head. Bids were sent out during the month for the sale of 100 cows, 50 bulls and 50 steers.

Sheep: Thirty-five head of sheep are reported from Mt. Washburn. A few sheep were seen on Abiathar Peak. All are in fair condition; only two showed signs of scabies.

Bears: A bear census for Yellowstone National Park was taken this month and the following figures were obtained: Black bears - actual count 294, estimated 465. Grizzly bears - actual count 181, estimated 180. The bear problem is becoming more serious each season and it has been necessary to kill some of the more dangerous bears. The followingfigures show the bear losses for the month of August. These include bears killed by accident, poisoning and maimed bears that had to be shot. Bears killed - 25. Cubs killed - 7. Other bears were trapped and hauled to distant points. However, this method of control has not proven very satisfactory owing to the fact that in a great many cases the bears frequently return to the point from which they were taken.

Summary of Bear Reports Recorded to August 31.	Prior to June 30	July	August	Total
Personal Injuries	8	50	17	75
Hospital Cases	0	4	1	5
Lodge Cabin Damages	4	4	1	9
H.K. Cabin Damages	5	66	36	107
Automobile Damages	13	63	29	105
Miscellaneous Damages	1	2	1	4
Adult Bears Killed	2	7	20	29
Crippled Bears Killed	0	2	3	5
Cubs Killed	0	3	7	10

Causes of Fire Reported Received in Report Of:	Other Ho Year 1[illegible]	[illegible]	[illegible]	[illegible]
Defective Chimney	8	20	10	17
Burning Brush	5	4	1	1
Lamp Cable Overload	4	1	1	0
O.K. Cable Overload	2	24	24	127
Automobile Damage	12	40	22	100
Miscellaneous Causes	1	2	1	4
Light Burn Filled	8	7	20	20
Stopped Water Filled	2	2	2	2
Pipe Filled	2	1	7	12

BEAR DAMAGE REPORTS

July 17	- George W. Harrison, 2036 E. 17th Ave., Denver, Colo.	Car Damaged.
July 27	- R. W. Banks, San Francisco, Calif.	" "
July 31	- S. D. Law, Exeter, Calif.	" "
Aug. 1	- F. J. Heyn, 2621 Foster, Chicago, Ill.	" "
Aug. 1	- A. M. Hood, Bellingham, Wash.	" "
Aug. 2	- Miss J. Visser, Bussey, Iowa.	" "
Aug. 3	- A. Audibet, New York City.	" "
Aug. 3	- E. A. Jones, Johnstonburg, Pa.	" "
Aug. 3	- H. L. Wilson, Springville, Utah.	" "
Aug. 4	- R. E. Stoiber (no address given in report).	" "
Aug. 4	- Russell H. Stickney, 2255 Portsmouth Ave., Toledo, Ohio.	Tent damaged.
Aug. 5	- B. H. Swearingson, 1227 W. 39th St., Los Angeles, Calif.	Car damaged.
Aug. 5	- L. W. Hayden, 106 N. McKinley, Battle Creek, Mich.	" "
Aug. 8	- M. W. Shaver, Los Angeles, Calif.	" "
Aug. 9	- H. J. Freyman, Pittsburg, Pa.	" "
Aug. 10	- Mark Pauley, 3416 Lawrence, Denver, Colo.	" "
Aug. 10	- William Kent, 526 California Ave., and S. Hansen 1328 E. Nebraska, Peoria, Ill.	" "
Aug. 10	- Paul Wilson, Los Angeles, Calif.	" "
Aug. 11	- E. D. Cooper, Miles City, Mont.	Bear entered cabin; destroyed property.
Aug. 12	- L. Philip Denoyer, 5235-37 Ravenswood Ave., Chicago, Ill.	Car damaged.
Aug. 13	- Dewey Stout, 736 Garfield Ave., Salt Lake City, Utah.	" "
Aug. 15	- Charles Angell, Casper, Wyo.	" "
Aug. 16	- J. M. Fisher, 439 Oak St., Marion, Ohio.	Property damaged.
Aug. 17	- Dr. W. Freudenberg, Dept. of Chemistry, Ames, Iowa.	Tent damaged.
Aug. 17	- Bradley Young, Idaho Falls, Idaho (Gen. Del.)	Car damaged; suitcase damaged.
Aug. 17	- M. F. Cavenaugh, Elkhart, Kansas.	Cabin entered and food destroyed.
Aug. 18	- A. W. Deem, Colona, Ill.	Car damaged.
Aug. 19	- E. R. Burkey, Orchard, Neb.	Tent damaged.
Aug. 21	- E. E. Steiger, Ravenwood, Mo.	Car damaged.
Aug. 22	- Roy Earl (Utah license 58-586) permit 184751.	Tent damaged.
Aug. 23	- L. J. Goodman, Pagosa Springs, Colo.	Car damaged.
Aug. 25	- John D. Brooks, Pa. license 14275, permit 185181.	Property damaged.
Aug. 27	- P. W. Pierce, 134 Cleveland Ave., Salt Lake City, U.	Car damaged.
Aug. 29	- Ruth Flax, 1189 West Adams, Los Angeles, Cal.	" "

[illegible]

[illegible]

Small Animals: The picket pins and marmots were all in hibernation by the end of the month. Indications are that the beaver in the park are on the increase and these animals as well as the muskrats are busily engaged in preparing for winter.

Fish: The following is a statement of operations at the Bureau of Fisheries Lake Hatchery:

Eggs

Take Season			17,050,000
Egg Loss		2,818,000	
Shipments, Bureau of Fisheries account		7,341,000	

Park Service:

Glacier Park	1,000,000		
(a) Ashton, Idaho	250,000		
Retained for hatching at "Lake Hatchery"	6,091,000		
	7,341,000	7,341,000	17,050,000

(a) Shipped to Ashton Hatchery for hatching and planting in Bechler River District

Fish

Eggs retained for hatching at "Lake"		6,091,000
Distributed Yellowstone Lake and tributaries to date	2,795,000	
(b) On hand August	2,951,000	
	5,746,000	
Shipped Bureau of Fisheries acct.	100,000	
Fry loss to date	245,000	
	6,091,000	6,091,000

(b) Includes 105,172 at Mammoth pools.

A total of 85,147 fish have been taken from Park waters by visitors to date as compared with 72,163 for last year.

Ranch Operations: Haying operations were carried on during the entire month. Following are the hay tonnage figures for this year:

Game Preservation Ranch -	First cut -	50 tons	
	Second cut-	20 "	70 tons
Gardiner Ranch -		60 tons	
	On hand	50 tons	110 tons

Mammoth field -	12 tons	12 tons
Lower Slough Creek	208 tons	
On hand	155 tons	363 tons
Upper Slough Creek	196 tons	196 tons
Yancey Ranch	70 tons	70 tons
Buffalo Ranch	270 tons	270 tons
Pelican Meadows	150 tons	150 tons
	Total	1241 tons

Pelican Meadows hay is being cut for the Buffalo Ranch on bid of $16.00 per ton cut, baled and delivered to the Buffalo Ranch.

460 - Natural Phenomena

Mammoth Hot Springs; Minerva Terrace has shown more marked change for the past month than any of the other springs. Early in the season it was almost inactive, but the flow of water has steadily increased on the northeastern slope (the opposite from the most active part in past seasons) and the algae are rapidly developing the colors there, until at present it is one of the lovelier of the terraces as it has been in the past three summers.

Diana Terrace still continues to be the rival of Old Angel Terrace both in flow of water and in beauty of coloring. A slight decrease in the volume of water has occurred west of Devil's Thumb, but a steady increase has been noted on the east side of the Thumb.

Cleopatra has changed considerably; a marked decrease on the eastern slope with a decided increase on the west has caused a shifting of beauty from east to west.

Main Terrace has been increasing during the month, most of the water flowing toward the east. Hymen, Mound, Jupiter and Old Angel Terraces have not changed appreciably during the month, although Old Angel Terrace continues to be one of the most beautiful of all the terraces. Narrow Gauge Terrace still continues practically inactive.

A new spring broke out northwest of the Blue Spring on August 6 and a large amount of water flowed from it until August 24 when it ceased flowing. Thennew spring above Cupid's Cave partly dried up on August 17, but it recovered in a few days and is now flowing about as it did last month. The Blue Spring Terrace partly dried up on August 24 but it has recovered and continues to be a very large and beautiful terrace. The spring at the corner of Mr. Nichol's tennis court has shown a great increase in activity during the month. In April only a very little activity was noticeable, but it has grown remarkably this month and is now flowing over the highest ledge.

Norris Geyser Basin: The geyser close to Whirligig and Constant Geysers, apparently unnamed, became active on August 17 spurting water about a foot many times that day. It has steadily increased until it is now playing to an average height of 15 feet at intervals of 3 minutes. It appears to have some relationship with Whirligig Geyser. The Whirligig played twice on August 31, the first time this season, and once on Sunday.

The hot spring at the foot of the hill, known as Locomotive, threw out quite a volume of water, emptied the basin and since then has been steaming constantly and now contains very little water. This happened during the last week of this month.

The Minute Man Geyser still continues to play at irregular intervals. Ledge Geyser also continued to play at irregular intervals.

Old Faithful Geyser Basin: The most outstanding eruption for the month was that of the Giant Geyser on the afternoon of the 22nd. The duration of the eruption was two hours and five minutes, and the maximum height 250 feet. About fifteen hundred visitors witnessed this eruption.

Sawmill Geyser, which had not been active heretofore this season, has apparently resumed activity, erupting for the first time this season on August 15.

Whistle Geyser again erupted on August 2. A violent steam period of thirty minutes duration followed the eruption.

The Grand Geyser has played at an average interval of 21 hours. After two days of observation the interval of Lone Star Geyser was observed to be three hours. Five eruptions of the Lion were observed on August 12. On August 1 convection currents were discovered in Jewell Geyser, handkerchiefs being dislodged at the eruption.

On the morning of August 14, the Daisy Geyser and Bonita Pool both showed abnormal reactions, the Daisy having an interval of four hours, and Bonita Pool overflowing continually for 4 hours. Following the eruption of Daisy, Bonita regained its normal condition. Two days later a stump was removed from Bonita Pool.

Neither the Giantess nor the Beehive Geysers have erupted so far this season.

510 - Use of Park Facilities by the Public

The report of travel of the Chief Ranger for August, 1931, together with a table of comparative figures on the travel to September 1, 1931, 1930 and 1929, are attached hereto, also a statement of private automobile travel as classified by states for the 1931 season to September 1st. It will be noted that a decrease is shown in the total travel as compared with 1930 and 1929. The total travel this season to September 1st was 200,287, as compared with 209,459 prior to September 1, 1930, showing a loss of 9,172 and a decrease of approximately 4%.

Private automobile travel for the month shows a loss of 5683 or a decrease of 5% from the same month last year, and a loss of 21,574 or a decrease of 28% from August, 1929. Rail travel for the month shows a loss of 2535 or a decrease of 39% when compared with rail travel for August, 1930, and a loss of 6772, or a decrease of 51% from August, 1929.

330 - Visitors

July 31 - Stark, Charles E. (Col.) Washington, D. C. (Newspaperman and writer of special articles for Christian Science Monitor.) Out west August 3.

- Georgia Caravans International Corporation Party, Atlanta, Ga. Two caravans of boys and girls. Out Cody August 4.

Aug. 2 - Smoot, Reed (U.S.Senator from Utah). Returned from Teton Park through park and left same day via west gate.

Aug. 3 -- Thorpe, Merle, Washington, D.C. (Editor, Nation's Business and prominent radio speaker.) Visited at Cooke until August 25, leaving via west.

Aug. 4 - Potter, William C., New York City (President, Guaranty Trust Company of New York.) Went through park enroute to Silver Tip Ranch.

- Davies, Joseph E., Washington, D. C. (Prominent Washington attorney and former member Federal Trade Commission.) Visited with Merle Thorpe at Cooke.

- Haas, William G., Cheyenne, Wyo. (Postmaster at Cheyenne.)

- Jackson, William H., New York City.(Pioneer photographer of 1871 Hayden Survey Party.) Out South August 6.)

Aug. 5 - Clark, Dr. W. A., Oakland, Calif. (Park enthusiast and photographer of park subjects.) Out south August 7.

Aug. 6 - Birch, Stephen, New York City. (President, Kennecott Copper Corporation.) On pack trip into Bechler River country from Island Park Ranch.

- Williams, Henry E., Blosson, Mass. (Author and special writer for Christian Science Monitor.) Returned to park from Glacier, leaving via west on the 15th.

Aug. 8 - Lathrop, H. O., Whitewater, Wis. (Geology Dept., State Teachers' College, Whitewater, Wis.) Brought party through using buses and left via east gate on August 15.

Aug. 9 - O'Neil, Ralph T., Topeka, Kansas. (National Commander, American Legion). Out north August 10.

- Williamson, William (U.S.Congressman from South Dakota).

Aug. 11 - Prince and Princess of Siam with party of 3, including Prince Arjuna, Phra Nararaja, the secretary, and a valet. Out West August 12.

August 11 - Cunningham, Frank M., Washington, D.C., (Clerk of Supreme Court of District of Columbia). Out Cody 16th.

August 12 - Beery, Wallace, Hollywood, Calif., (Motion Picture Star). Out West August 14. Flew to McGinn's ranch in his own plane.

August 13 - Gregory, Prof., W. M., Cleveland, Ohio,(Director, Educational Museum, Cleveland). Brought through party from Western Reserve School of Education. Out west 21st.

- Alcorn, Ross., Rawlins, Wyoming, (State Auditor). Out east 14th to Wyoming American Legion Convention. Accompanied by Gregory Powell, Secretary to the Governor.

- Goodsill, M. M., St. Paul, Minn., (General Passenger Agent for Northern Pacific). Out east 14th.

August 14 - Hobart, Ralph, Winnetka, Ill. (Friend of F. E. Williamson, President of Burlington Railroad.)

- Martin, George F., New York City (classmate of Supt. Toll, and in office of Chief Engineer, Board Estimate and Apportionment, New York City). Out south 21st.

August 15 - Bailly, Edward C., New York City (New York City Attorney and knew Mr. Toll in college.) Out west Aug. 21.

August 16 - Colton, Don B.,(U.S.Congressman from Utah). Left via west August 16, coming up from Grand Teton Park. Was in Alaska with Albright.

- French, Burton,(U.S.Congressman from Idaho). Left via west Aug. 16, coming up from Grand Teton Park. Was in Alaska with Mr. Albright.

August 16 - Hastings, William W., (U.S.Congressman from Oklahoma). Out east 18th.

August 17 - Shull, J. Barstow, New York City (J. H. Winchester & Co.) Out Gardiner 18th, having spent several weeks in Jackson Hole country.

- Strauss, Lewis L., New York City (Banker, associated with Kuhn, Loeb and Co.) Out west 18th. Spending some time at Elkhorn Ranch.

- Davis, Roy A., Colorado Springs, Colo. (President, Colorado State Senate). Out south Aug. 19.

August 11 - Washington, Peter C., Washington, D.C., (Sons of Confederate Veterans of America or Colonial). Get 1000 Jews.

August 12 - Avery, William, Kalamazoo, Mich., (Aryan Nations Church). Get Tony Alpert I.e. Plan to contact Avery in his own place.

August 13 - Chandler, Earl, c. 1., Cleveland, Ohio, (Klansmen, Inc.; Ohio Knights, Cleveland), brought Tonight party from Cuyahoga Heights School of Klan Kids. Get most kids.

- Gibson, Gary, Toledo, Ohio, (Nazi Party). Get Gary Gibson to speaking Aryan Nations Conventions, accompanied by Country Tonight. Backing in his Cadillac.

- Lowhill, G. R., Ex. Pres., Ohio, (Ohio I Klansmen Legal Fund Attorney Liaison). Get most kids.

August 14 - Pollard, Ralph, Kansas, Mo., (Friends of C. L. Hillsdale, Freedom of Christian Religion).

- Davis, Dennis T., Ex Pres Ky (Klansmen of Ky. Ky.), Ky. Klan Action of Social Conference, Social Services and Economic. Get Tom (Ky). Get Kids Kids.

August 15 - Smith, Donald C., Ex Pres Ky (New York Ky Klansmen and Ky. Tell to Smith). Get Kids Kids. 23.

August 16 - Collins, Tom R., (Conference Kin Pres). Left the Conference in, making up from Great Neck Kids. Get in touch with Tonight.

- Kendall, Larry, (Conference Kin Pres). Left the Conference in, making up from Great Neck Kids. Get in touch with Tonight.

August 18 - Dorfman, William C., (Conference Kin Pres). Get Kids Kids.

August 19 - Hall, F. Barney, Ex Pres Ky (F. L. Conference / Ky. Klan Knights Kin, Virgil Cook) Kentucky Kids in Lexington Tell Wright.

- Stanton, Lewis L., Ex Pres Ohio (Klan, Klansmen with Cook, Lock and Key) Get Kids Kids. Contact Lewis Kids as Klansmen Kids.

- Davis, Ed ..., Colorado Springs, Colo. (President, Colorado Kids Inc.). Get Kids Kids. 19.

August 19 - Carley, R. F., Galesburg, Ill., General Manager, Illinois Power & Light Company. Out Cody 23rd.

August 21 - Sperry, Mr. and Mrs. John, Riverside, Calif. (Park enthusiasts and collectors of butterflies.) Out south 22nd.

- King, W. H. (U. S. Senator from Utah.) In own car. Out south 22nd.

- Woodward, Dr. George, Philadelphia, Pa. (State Senator from Pennsylvania and owner of summer home in Jackson Hole.) Out south 22nd.

August 23 - Lawrie, H. N., Washington, D.C. (Secretary to Senator Oddie of Nevada.) Out north 24th, to Glacier.

August 25 - Moore, Colonel R. C., St. Louis, Mo. (Engineer Corps, U.S.A.) Came to park following meeting in Billings on proposed damming of Yellowstone Lake. Accompanied by Captain Theodore Ayman, Capt. Collins and Chief Engineer and Asst. Chief Engineer for N. P. Ry. Out Cody 27th.

August 25 - Dollinger, H. J., Scottsbluff, Neb. (Executive Secretary, Scottsbluff Chamber of Commerce.)

600 - Protection

610 - Police Protection

The following cases were brought up before United States Commissioner John W. Meldrum:

Mr. Gunnar Johnson, of the Hollenbeck Construction Company, for speeding. Fined $10 and costs of $5.50.
Mr. Harry Altmann, a tourist, arrested for speeding. Fined $15 and costs of $5.50.

630 - Fire Protection

Boundary Creek Fire - 110.10: On August 11, at 2:10 p.m., the Mt. Sheridan lookout located a column of smoke in the Bechler River country. At 2:30 p.m., this fire was reported by District Ranger Yetter at Bechler River to be at the camp ground on Bechler River. A trail crew of two men and the six men on the type map survey crew who were working near that vicinity were starting for the fire. The fire at 3:55 p.m. was about 3 acres in size and had jumped across Bechler River and was burning fast.

Rations and equipment for 100 men were sent from Mammoth. Fifty men were obtained in Ashton, Idaho.

John D. Coffman and Chief Ranger Baggley left Mammoth at 4:50 p.m. and arrived at Bechler River at 11:30 p.m.

Fifty men were working on the fire early the morning of August 12, and at 8:30 a.m. the entire fire, which had burned about 18 acres, was trenched. Most of the men were released, only a few being held for mop-up work and patrol purposes. A rain storm at Bachler River commencing at 5:00 a.m. August 13, made the fire very safe and only two men were left to make patrols. The fire was out on August 14.

Cub Creek Fire. 110.11: The above fire was caused by a campfire on August 11, 1931. No clues were found by which the guilty party could be traced.

The fire was discovered by a tourist at 2:30 p.m. and reported to District Ranger Hanks. The fire was located at the 6-mile post from Lake on the east entrance road. Twelve men started control work on the fire at 3:05 p.m. The fire was controlled at 5:05 p.m. and out at 5:00 p.m. on August 12. The total area burned was 800 square feet.

Upper Cougar Creek Fire. 110.12: This fire was reported by the Mt. Washburn lookout at 8:30 p.m., August 20, and was verified by the Mt. Holmes lookout about 9:00 p.m. Flames appeared to be showing at a point approximately 5 miles north and 5 miles east of West Yellowstone which would be somewhere on upper Cougar Creek inside the park. Recent lightning strikes appeared to be the cause for the fire in this area. A crew of 15 men under the direction of District Ranger Bicknell left for the fire at daylight on August 21. Men were organized from the Norris road crew, Madison Junction road crew and from West Yellowstone. Equipment and supplies for three days were sent from Mammoth the night of August 20.

The entire crew searched all during the day August 21, but were unable to locate any smoke. Light showers during the night may have extinguished the fire. The suppression crew was released late in the evening of August 21 and Fire Patrolman Carlos Davis was kept on the area to patrol diligently for several days.

Hellroaring Fire. 110.13: At 8:20 p.m., August 20, Mt. Washburn lookout reported a fire on Hellroaring Creek. He could see flames and glow from the fire which appeared to be five to ten miles outside the park boundary, just to the left of Hellroaring Canyon. Mr. Martin, United States Forest Service Supervisor at Livingston was called at 8:40 p.m., and in view of the location of the fire and inability to locate the Gardiner Ranger, he requested that men be sent from the park. Accordingly, a ten-man crew was organized to go in via Hellroaring Creek, under Park Ranger E. R. Arnold. Men were obtained from the National Park Service and Morrison-Knudsen crews at Canyon and Dunraven Pass, and assembled at 8:30 a.m., August 21. During the day Arnold's crew met with a small Forest Service crew which came in by way of Beaver Creek but both crews were unable to locate the fire. No smoke was seen from the park lookouts in the Hellroaring country during the day. On August 22 after being unable to locate any smoke, Arnold and his crew returned to Tower Falls. The Forest Service crew remained to scout the country a day or so longer.

Fifty men were working on the film early the morning of August 12, and at 6:00 a.m. the entire film, which had taken about 3½ days, was finished. Most of the men were relaxed, only a few based left for supper and normal personnel. A man stood at another screen monitoring as film was shown. The film was then sent to Ottawa.

<u>The Other Film, 12.8.12.</u> The movie film was handed by a doorman on August 12, 1942. No films were found by which the quality could be traced.

The film was discovered by a technician at 8:00 p.m. and projected in Ottawa under Jasper Jones. The film was landed at the Ottawa port from the East Coast. Twelve men stationed there worked on the film at 10:00 p.m. The film was unwrapped at 6:00 p.m. and was a 8:00 p.m. on August 12. The total area viewed was 600 square feet.

<u>Other Foreign Film, 12.8.42.</u> This film was dispatched by the U.S. Embassy Director at 6:00 p.m., August 12, and was received by the Ottawa Embassy around 8:00 p.m. Film was delivered to the Embassy at approximately 7 miles north and 3 miles east of West Pittsburgh. Film would be subsequently on upper Cooper Creek beside the park. Person delivering film was instructed to be the person for the film to Ottawa. Film was not under the direction of Canadian Embassy officials for the film at Ottawa on August 12. The film was suspected from the Ottawa Embassy. Film was then sent from Ottawa to Washington.

The author then worked all night on the day August 12, and was unable to locate the film. Later Embassy officials the night by an author guided the film. The author's work was valuated into the embassy at Ottawa at the film Ottawa office was kept on the film to avoid difficulties for several days.

<u>Following Film, 12.8.42.</u> A film was found, August 12, at Ottawa, Canada, by the Ottawa Embassy. The film which appeared to be film to the office notifying the port Ottawa, that the film was left at Ottawa Embassy. The author, Talbot Jones, Foreign Service Officer at Ottawa was called at 8:00 p.m. and in view of the importance of the film and availability to Canada the Ottawa Embassy, he recommended that not be sent from the Ottawa Embassy. Immediately, a Embassy driver was dispatched to go to the Ottawa Embassy. Author took charge of it, at Ottawa. The film was delivered from the Ottawa Embassy. Author took charge of it, at Ottawa. At Ottawa and Ottawa, and arrangements are made at 8:00 p.m., August 12. During the day August 12 was not able to meet Foreign Service Officer Talbot Jones. Author was by way of Ottawa Embassy. Author was unable to leave the Ottawa Embassy. Author was then the port Ottawa to the Ottawa Embassy. Author was to report to author during meeting at Ottawa Embassy. Author was informed by Jones Talbot, the Foreign Service Officer stated by author was unable to any or to Ottawa.

Beach Lake Fire. 110.14: On August 21, at 7:50 p.m., Mt. Sheridan reported a small fire two or three miles north of Beach Lake. Mt. Washburn lookout was called but could not see the fire. District Ranger Hanks of the Lake Ranger Station was notified and at daylight on August 22, he and temporary Ranger J. L. Johnston left with three men for the fire. The men were taken from the Lake Road crew. During the day they searchedover the country north of Beach Lake, climbing hills for lookout points, but were unable to locate any smoke. Several small hot springs were located throwing up steam which could have been mistaken for smoke. After a thorough search, Hanks and his men returned to Lake in the evening of August 21.

Crooked Creek Fire. 110.15: The above fire was caused by a lightning strike 2½ miles southeast of the east flank of the Basin Creek fire on July 29, 1931. The fire was seen at 3:00 p.m., by the foreman of a crew working on the Basin Creek fire. They found a series of spot fires upon arrival. After three hours these fires were controlled and two men were left on patrol that night. A heavy rain put the fire out the next day. A total area of 8 acres was burned.

Lewis Lake Fire. 110.16: This fire was caused by a campfire built in a heavily timbered area. The remains of the fire indicated no efforts whatever had been made to extinguish it. Cheese wrappers, similar to those used in our fire camps, were found by the fire. The guilty parties were not apprehended.

The fire was located close to the road one mile south of the Lewis Lake packers' camp. A truck driver from Lewis Lake discovered the fire at 3:10 p.m., August 4, 1931. He reported to F. T. Johnston at Heart Lake Ranger Station at 3:15 p.m. Eight men arrived at the fire at 4:30 p.m. and four men arrived at 5:15 p.m. The fire was controlled at 5:30 p.m., and out at 8:00 p.m. This fire burned an area of 1/4 acre.

West Yellowstone Fire. 110.17: On August 30 about 4:50 p.m., a fire was sighted by the Forest Service fire guard near West Yellowstone. It was reported at 5 p.m. to Forest Ranger Edwards and Park Ranger Robert Davis. At 5:05 p.m. Forest Ranger Edwards left for the fire and arrived at 5:10 p.m. The fire was located just north of the 22½ mile post on the west boundary of Yellowstone Park. At the time of Ranger Edward's arrival the fire covered an area of about 1000 square feet. At 5:30 p.m. Park Ranger Robert Davis with three men arrived and at 6 p.m. Rangers Bicknell and Carlos Davis reached the fire. It was under control at 7:20 p.m., and out at 8 p.m. September 1 when all men left the fire. After that date frequent patrols were made over the burned area. The final area burned was 7920 square feet.

630 - Accidents

On July 15, Wyoming Chevrolet 11-1945, Morrison-Knudsen permit, driven by Glen Groves of Cody, Wyoming, and Minnesota Ford, license 121583, permit 121536, driven by Esther Jervan, were involved in a collision. The Ford was driving toward Cody and rounding a curve on the wrong side of the road when they were hit by the M-K car, tag number 72. Both cars were damaged slightly.

On July 26, E. L. Marks, driving DeSoto car, California license 713035, traveling north, two miles north of Lake Junction, passed two cars on turns and sideswiped car driven by S. Brown (Hudson, California license 5V3184) on next turn. Damage slight. Cash settlement made by Marks to the extent of $4.00, with promise to pay whatever additional cost necessary.

On July 28, Buick car, driven by J. E. McClintock of 3025 Fremont Road, Columbus, Ohio, license 479-719, permit 163898, Packard car driven by Mack Gamblin of Great Falls, Montana, license 98-74, permit 814878, and Yellowstone Park Transportation Company truck 936, were involved in a slight accident. Truck 936 had slowed down when hailed by another truck (920), and car coming behind truck slowed down but was hit by the third car. Very little damage to either of cars or truck.

On July 29, Chrysler, Oregon license 165158, permit 199142, driven by Will Sanders of Milwaukee, Oregon, hit rear right wheel of grader attached to Government truck 577, while vehicles were passing. Slight damage to Chrysler.

On July 31, Studebaker sedan, Indiana license 170061, driven by Sydney L. Turner of Route #3, Brazil, Ind., hit loose sand and was thrown in ditch. No damage.

On July 31, Studebaker, Minnesota license 137369, belonging to V. G. Swanland, was hit by a truck hauling gravel - probably a Morrison-Knudsen truck. Trunk on tourist's car damaged.

On July 31, a hit and run driver sideswiped Chevrolet car, Louisiana license 217051, permit 178773, belonging to Fannie Oxford of Monroe, La. Damage slight.

On July 31, Government Ford 23, driven by George McMullin, while traveling at a speed of 35 or 40 miles per hour behind Kentucky Ford, driven by Dorothy Harvey of Berea, Ky., (Berea College), license 579727, permit 215112, who slowed down to 20 miles per hour to view the wild life, had to apply his brakes when she slowed down, and as he could not pass the Kentucky car because of other cars coming in the opposite direction, the Government Ford skidded around, crashing into the rear end of the Kentucky car. Both cars were slightly damaged. A settlement was made at Old Faithful, the evening following the accident, the agreement being that Mr. McMullin would pay $40 to the owner of the Kentucky car.

On July 31, Nicholas Gunderson of Sparta, Wis., driving Buick, Wisconsin license 62576, permit 214814, evidently traveling too fast, took to the bank and turned car over. No injuries. Car only slightly damaged.

On July 31, Buick car, California license 1G4923, driven by Mr. Weinberg of 1675 Webb, Detroit, Mich., and Texaco gas truck license T19-260, were involved in a collision. In passing, 2 gasoline tanks sticking out at side of truck struck Buick car and suitcases on side. Damages negligible except suitcases on side were torn from car and ripped open. Mr. Weinberg threatened to sue the Texaco Company for $25.

On August 2, Spencer Marr, driving Ford, Colorado license, permit 179031, ran into Chevrolet, N.Y., license 2J528 driven by W. J. Brown of 20 Fulton St., Dansville, N.Y. Settled by each party paying half of damage.

On August 3, on Black Sand Basin road, at the intersection near Grotto Geyser, Ford, driven by D. E. McLintock, and Franklin, driven by J. F. Harding, collided. McLintock took entire blame and settled for $3.50.

On August 3, Mr. V. L. Snyder of 1828 So. Curtis, Alhambra, Calif., driving Pontiac, California license 7N2393, was driving about 15 feet behind Ford A, Colorado license 363268, driven by Fred Schmidt, when Mr. Schmidt backed up and hit Mr. Snyder's car. These parties settled the damages between themselves.

On August 5, Dodge truck, Idaho license 222, driven by Tom Falley, when coming from Lake to Canyon, struck shoulder of gravel in middle of road and truck turned over.

On August 7, Mr. Dan V. Shelter, of Willman, Iowa, driving Chevrolet, Iowa license 483537, permit 180990, while coming from Haynes store at Tower Falls toward the parking space in 2nd gear, applied brakes when starting to make the turn into the parking place and knocked guard rail off and dropped over 20 foot embankment. Car was totally wrecked. Passengers were injured and taken to Mammoth Hospital. Accident due to poor driving and at too high speed to make the turn.

On August 8, Falcon-Knight, California license 5V3161, driven by L. Houchin, and Haynes' truck P.B. 36, driven by Louis Maxon, were involved in an accident on the Tower Falls road. The truck was coming to Mammoth and became stalled about 2 feet from the edge of the road. Mr. Houchin was proceeding in the same direction and just as he started to pass the truck the latter began to roll backwards, which forced the sedan onto the soft shoulder and into the 8-foot ditch on the south side of the road. The car was practically undamaged. No one was injured.

On August 8, Dodge truck, Wyoming license 15T99, driven by Carl Walker, in passing Oakland truck, Illinois license M101829, driven by D. Schroeppel, of Mt. Carroll, Ill., struck car driven by Mr. Schroeppel, pushing him into

On July 21, minor injuries of injury, 14., driving slow, electric lamps burn, power failed, rainwater swelling the road, down to the bone and lamps burn over. No injuries. Car only slightly damaged.

On July 22, going east, with Ohio license LW880, driven by Mr. Sutton of Lake York, Detroit, Mich., and Mason Pa from Illinois 710-180, were involved in a collision. No injury, a collision with stalling car of Mich or York Atlantic Motor car of Atlanta on side. Damage negligible rather and blame on side car from car and right rear. Mr. Wilkins driving on the road. Insurance company for car.

On August 1, injury only, driving road, Oldsmobile license, petrol 1900, was late overtaking, M.L., licensed road driven by J. J. Jones of Wilkes Co., Danville, Ill. Settled by each party paying half of damage.

On August 2, on Black road north road, on the intersection near Cypress, road, driven by R. Wallinford, was Pontiac, driven by J. J. Smith, collision, minor damage done and settled for $5.00.

On August 3, Mr. T. C. Snyder of 1800 Mr. Smith, Oldsmobile, Ohio, driving Pontiac, California license 70000, was driving about 10 feet behind J. J. Johnson licensed Jones Jones, driven by Jim Smith, when Mr. Johnson backed up and hit Mr. Snyder's car. There parking period of the Johnson street Oldsmobile.

On August 5, Judge Brown, Ohio license car, driven by the policy, when driving from Lake to Cedar, struck Bumper of parked in middle of road and right hand bent down.

On August 7, Mr. Jon T. Smith, of Illinois, Ohio, driving Cornelia, Ohio license number, Jerry Lynn, while driving that Bumper down at Jones Pike turned the parking space in the place, applied brakes when starting to make the turn into the parking place and hooked guard rail of the Pennsylvania over 20 feet embankment. Car was totally wrecked. Passengers were injured and taken to Lynnville hospital. Insurance due to poor driver on the at the high speed to make the turn.

On August 8, Tulsa-Dallas, Oklahoma license 19210, driven by L. Smith, was coming from T.S. St. driven by Jack Jones, was involved in an accident on the Jones Pike road. The truck was coming to Smith's car turning wrong side of the road. Mr. Smith was going in the Jones direction and tried to avoid to pass the truck the latter hoped to pull backwards, with Jones the rubber came off and turn the 8-foot ditch on the north side of the road. Car was totally damaged. No one was injured.

On August 9, Tulsa truck, driving Oklahoma 12000, driven by Jack Johnson, in driving outside truck, Illinois license 10000, driven by C. Smithwood, of Mr. Jones, Ill., struck car driven by Mr. Smithwood, pushing the left

the ditch. Damages to Oakland slight. No one was injured. Mr. Walker settled with Mr. Schroeppel for $10 damages.

On August 11, Star car, California license 726015, permit 153005, driven by E. Clifford of Jackson, Wyoming, in passing Chevrolet, Minnesota license 434-281, permit 154032, driven by C. B. Hilliard, at high rate of speed around a curve struck the Minnesota car, and proceeded toward the south entrance. Was stopped at south entrance and questioned as to what settlement could be made, and was unwilling to make settlement.

On August 11, two model A Ford, one bearing an Ohio license 929190, driven by C. P. Jenner, and the other South Dakota license 841008, driven by A. C. Scholz, were involved in a collision. Scholz was proceeding West taking inside and right side of sharp curve and Jenner was traveling East, evidently going at too great speed to negotiate curve safely. His car left the road and turned over on side doing considerable damage to car and badly shaking up occupants. Scholz car was not damaged.

On August 12, Model T Ford, Nebraska license 1-17717, driven by H. W. Cottle of 5833 Briggs, Omaha, Neb., in passing Model A Ford, Kansas license 318968, driven by L. R. Boyd of 1118 West St., Topeka, Kansas, while trying to avoid washout on road with post stuck up, front left hub cap caught rear left hub cap of Kansas car pulling them into each other. Both admitted fault. Damage to both cars slight.

On August 14, Packard, Ohio license 964173, permit 202158, driven by Albert Weber, of 257 Senator Place, Cincinnati, Ohio, and Buick, driven by N. B. Van Metre of Concord, Calif., collided on road leading from housekeeping cabins to Tower Falls road. Settlement reached whereby Mr. Van Matre's insurance company was to take care of damages to Mr. Weber's car.

On August 14, Yellowstone Park Transportation Company bus, license Y.P. 539, hit Ford car, New York license 2V5528, permit 182614, driven by W. E. Purteous of Scarsdale, N.Y. The bus hit the New York car from the rear, damaging it to the extent of $50. The Yellowstone Park Transportation Company agreed to repair the damaged car.

On August 15, about 4:30 p.m., about 200 yards west of the 4-mile post west of Madison Junction, Phyllis Cole, daughter of Mr. and Mrs. G. W. Cole of Corning, N.Y., was instantly killed when Nupmobile, Colorado license 251572, belonging to C. V. Hollenbeck, contractor, and driven by Ann Morgan, struck her. Mr. and Mrs. Cole and daughter were touring the park in Cadillac, Montana license 93736, permit 195325, driven by G. W. Boles of Elkhorn Ranch, Bozeman, Montana, and the car had stopped on the right hand side of the road headed west to see some elk across the river. The girl got out and ran behind the Cadillac, starting across the road, and was fatally struck by the Nupmobile coming in the opposite direction. The driver of the Nupmobile did not see the child until the instant of the accident. The child was dragged about 60 feet, and the Nupmobile was damaged slightly. Doctor Noyes, Oregon Short Line

physician, pronounced her dead, death being due to concussion of the brain and a broken neck. Passengers in the Hollenbeck car were Ann Morgan, driver, Mrs. George Marlow, Beulah Bates, West Yellowstone, Montana, Corn Bates, 1201 S. Euclid St., Ontario, Calif., Mary Rooney, 18th and Pearl St., Denver, Colorado, Kathryn Rooney, 2451 Grove St., Denver, Colorado, and Tim Bowen, 3206 Columbine, Denver, Colorado.

On August 16, Ford Tudor, Kansas license 97411, driven by Ed. Culbertson of Bighton, Kansas, and Lincoln, Yellowstone Park license number 828, driven by Dean Nichols, collided near Whittaker's store at Mammoth. The Ford was damaged slightly and Dean Nichols agreed to pay the damages.

On August 17, Pontiac, California license 582712, permit 202786, driven by B. F. Shively of Westerville, Ohio, ran into loose gravel on the shoulder of the road, while passing two trucks, causing it to crash into some boulders near the road. Considerable damage was caused to the car. It turned over on its side, and the estimated damage is about $225. Accident unavoidable.

On August 21, Oldsmobile, Illinois license 89-961, permit 185937, driven by Irving Cohn of 406 Franklin St., Danvette, Ill., collided with Lewis River road crew truck. Mr. Boyce, in charge of the road crew, claims that the driver of the Oldsmobile was coming along the road at a high rate of speed and when opposite the standing truck, lost control of his car and started swaying toward the truck when he crashed into it, causing about $10 damage to the truck. Mr. Cohn stated that he hit some soft mud that made him skid into the truck. Damages to Mr. Cohn's car will amount to about $100.

On August 23, Hollenbeck truck No. 32, driven by Charlie Guire of Hollenbeck camp, Yellowstone Park, ran into Star car, license 8-138-872, driven by Joe Libly of Duluth, Minn. It is believed the Star car is beyond repair. Mrs. Libly received a wrenched back, and was taken to the Yellowstone hospital. Mr. Hollenbeck's insurance company will take care of damage.

On August 28, at 6:45 p.m., Delbert McConnaha, of Butte, Montana, driving Yellowstone Park Transportation Company bus No. 205, skidded off the road at a sharp right hand turn between the 5 and 6-mile post out of Tower Falls toward Mammoth, and was killed instantly. Fast driving is believed to be the reason for the wreck, as he was dead-heading from Tower Falls to Mammoth, the passengers having been transferred to another bus at Tower Falls because the rear axle on bus was broken coming from Dunraven Station, but repairs were made at Tower Falls, and McConnaha was proceeding to Mammoth with bus when accident occurred. George G. Shaylor of the Portland, Oregon, police department came upon the scene immediately after and talked with Mr. McConnaha for several minutes before he died, but nothing was learned as to the cause of the accident. Steering gear, brakes and wheels on the bus were inspected as the car lay on its side, and everything was found to be intact

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

and serviceable. The tracks of the bus indicated that the car left the road about half way around the turn, outside curve, skidded sideways about 30 feet, jumped 16 feet and landed on top or side, rolling over once. The driver was thrown 20 feet farther down grade from where bus finally stopped.

BEAR BITES REPORTS

Date	Name and Address
July 25	Charles Hughes, Moberly, Mo.
July 27	Mrs. June Mitchell, Windfall, Ind.
July 27	Ed Miepenski, 1051 North Paulina, Chicago, Ill.
July 30	Mrs. Robert J. Miles, Indianapolis, Ind.
July 30	Edna Dahl, Yakima, Wash.
July 30	Wallace Jacobson, Vicksburg, Miss.
Aug. 1	J. J. Hensel, Clyde St., Wauwatosa, Wis.
Aug. 3	William Pearce, 2011 House, Cheyenne, Wyo.
Aug. 6	Sylvia Siegel, 5004 Monroe St., Chicago, Ill.
Aug. 6	Frank E. Hess, Goshen, Ind.
Aug. 7	Eleanor Hilton, Claremont, Calif.
Aug. 7	G. Dawson, Athens, Mich.
Aug.10	Averil Miller, Pickneyville, Ill.
Aug.11	W. S. Reed, Murray, Utah.
Aug.11	C. M. Adams, Laramie, Wyo.
Aug.14	Elmer Saur, 3319 Beechwood Blvd., Pittsburg, Pa.
Aug.15	Harold Holmes, Elkhorn, Neb.
Aug.15	Mrs. Ralph Todd Stone, Stockton, Calif.
Aug.16	Mrs. W. E. Mowery, Salina, Kans.
Aug.17	Armorel McDowell, Seattle, Wash.
Aug.17	D. J. McClure, Portland, Oregon.
Aug.20	S. J. Elrod, Greenville, South Carolina.
Aug.21	Walter Swartz, Chicago, Ill.

BURNS

On the afternoon of August 14, Mrs. Nathan Harrison, 8926 Exchange Avenue, Chicago, Ill., stepped into a small hot pool near the Thumb Paintpots and severely burned her right leg from the hip down. Mrs. Harrison was treated at the West Thumb Ranger Station under the direction of two nurses traveling in the same bus tour with her.

900 - Miscellaneous:

On August 3, Ranger-Naturalist George Smith, stationed at Madison Junction, was married to Miss Constance Hammond of Fremont, Nebraska, in the Park Chapel at Mammoth. The ceremony was performed by Ranger-Naturalist Fred Isacksen, an ordained Methodist minister. All male attendants were in uniform. A wedding breakfast following the ceremony was held at Mammoth Hotel.

Each summer for a number of years there has broken out in the park an epidemic of intestinal influenza. This year was no exception, but the cases were few and occurred for but a short period. The first cases of importance were reported on August 7, but by the 8th several members of the park forces were affected as well as a number of employees of the operators. During the summers of 1929 and 1930, Dr. R. R. Spenser of the U. S. Public Health Service, was engaged in a study of this epidemic.

A meeting of the park operators and National Park Service officials was held at the Mammoth Hotel on the evening of August 8 to discuss ways and means of increasing park travel and causing visitors to spend longer periods in the park.

On August 21, Assistant Chief Ranger Miller and Miss Mary Markham, clerk in the accounting office here, were married in Livingston, Montana. The couple returned to their home in the park that evening and a large group of friends joined in the Charivari.

Post Office: Business in the postoffice showed a decrease of approximately 23% during the month of August, which was even greater than the drop for the months of June and July.

Church Services: Roman Catholic masses were held every Sunday morning during August, at 8:00 o'clock and 6 o'clock, by Father Vincent who resided in Gardiner.

Episcopal services were held at 10:30 a.m. and 8:00 p.m. on August 2nd, by Rt. Rev. H. H. Fox, Bishop of Montana.

English Lutheran services were held both morning and evening of August 9th, by Rev. Webster H. Clement, of Livingston, Montana.

Methodist services were held morning and evening of August 23rd, by Rev. Otto G. Romath, of Livingston, Mont., who came in place of Rev. A.P.Miton.

Congregational services were held evening of August 16th and evening of August 30, by Rev. S. R. McCarthy, of Livingston, Montana, who was unable to leave his own congregation for the morning services on those dates. The morning service on the 16th was filled in by Rev. J. F. Pritchard, formerly of the Yellowstone Valley and now from Renton, Wash. The morning service on the 30th was filled by a Park Ranger-Naturalist, Rev. Fred Isacksen.

[illegible]

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Hospital and Medical Service: The following are the number of patients admitted to the hospital, professional calls made in the Park, and the miles traveled during the month of August, 1931:

Total number of patients in hospital..... 88

36 - Sick
6 - Burn cases
8 - Major accidents
19 - Minor accidents
2 - Mental
8 - Major surgical
6 - Minor surgical
1 - Bear bite
2 - Confinement cases
88

3 Deaths: Phyllis Cole, Corning, N.Y. Killed 8/15/31.
Delbert McConnaha, bus driver, Hartington, Neb. Killed Aug. 25, 1931.
Infant-stillborn, Aug. 28, 1931.

Number of miles traveled.....3550
Number of calls in park, majority employees..... 65
Number of complete tours of park, checking dispensaries, looking after guests and employees - majority employees..... 5
Number of minor operations, dressings, etc., coming to hospital.... 450
Number of calls upon nurses throughout the park dispensaries by employees and guests - majority employees..... 680

Very truly yours,

Roger W. Toll
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

YELLOWSTONE National Park for the month of AUGUST, 1931.

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year *Decrease Number	Percent
'ATE TRANSPORTATION:						
first entry,	17224	52659	18645	54622	1963*	4%*
reentry,	2254	5101	1804	3614	1487	41%
rcycles,	36	138	52	160	22*	14%*
tal motor vehicles,	19514	57898	20501	58396	498*	.9%*
ons entering via motor icles,	62663	183734	66146	185898	2164*	1%*
ons entering via other ate transportation,	158	586	154	716	130*	18%*
tal persons entering via ivate transportation,	62821	184320	66300	186614	2294*	1.2%*
ER TRANSPORTATION:						
ons entering via stages,						
ons entering via trains,	6567	15967	9202	22845	6878*	30*
ons entering otherwise,						
al other transportation,	6567	15967	9202	22845	6878*	30*
TOTAL ALL VISITORS,	69388	200287	75502	209459	9172*	4.4%*

	This Year	Last Year	Increase Number	Percent
tomobiles in public camps during month,	15101	11949	3152	26
ers in public camps during month,	47870	37759	10111	27

UNITED STATES
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NATIONAL PARK SERVICE

TRAVEL REPORT

[illegible] National Park for the month of [illegible], 1[illegible].

	This Month	This Fiscal Year To Date	Same Month Last Year	Last Fiscal Year To Date	Increase for Fiscal Year [illegible] Number	Percent
[illegible]VATE TRANSPORTATION						
[illegible] first entry, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] reentry, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] bicycle, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]al motor vehicles, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]ons entering via motor [illegible]cles, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]ons entering via other [illegible]air transportation, . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]al persons entering via [illegible]ivate tran portation, . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] TRANSPORTATION:						
[illegible]ons entering via stages, .						
[illegible]ons entering via trains, .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]ons entering otherwise, . .						
[illegible]ther other transportation, .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] TOTAL ALL VISITORS . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

	This Month	Last Year	Increase Number	Percent
[illegible]ation in public camps during month . . .	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] on public camps during month . . .	[illegible]	[illegible]	[illegible]	[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

YELLOWSTONE National Park for the Month of AUGUST, 1931.

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
102 - Mammoth-Norris Road	100			
125.1 - Madison-Old Faithful	100			
125.4 - Signs	92	2	5	
125.5 - Post Const. Maint.	50			
125.6 - Bear Feeding Grounds	100*	2	8	
125.7 - Lewis River Bridge	100			
126 - Old Faithful Trails	45	5	8	
128 - " " Parking	100			
129.1 - Artist Point Cleanup	100			
129.2 - Artist Point Oiling	20			
130.1 - Norris-Madison Oil	100			
130.2 - Norris-Madison Cleanup	95			
130.3 - Norris-Madison Bridge	100			
132 - E. Ent.-Lake Butte Cleanup	99			
133 - Canyon-Tower Jct. Cleanup	100			
146 - Mammoth Water System	100			
152 - Mammoth Sewer System	100			
155.8 - Loop Betterment	100			
155.9 - " "	100			
1.3 - Cleanup (Firehole Cascades-Obsidian)	2			

*2,000 additional work programmed, June 20, 1931.

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NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

[illegible] National Park for the Month of [illegible], 1[illegible].

Description of Projects	Percent Completed To Date	Percent Completed This Month	Types Construction Last Month	Date of Completion
[illegible] - Lincoln-Grizzly road	[illegible]			
[illegible] - Yellow-Old Faithful	100			
[illegible] - Edge	45			
[illegible] - New Gravel Paint.	80			
[illegible] - Cedar Rapids Tramway	[illegible]	[illegible]		
[illegible] - Lewis River Bridge	[illegible]			
[illegible] - Old Faithful Trails	60	[illegible]		
[illegible] - " " Parking	[illegible]			
[illegible] - Upper Pool Cleaning	[illegible]			
[illegible] - Lower Pool Cleaning	[illegible]			
[illegible] - Morris-Hellen Oil	[illegible]			
[illegible] - Morris-Hellen Cleaning	80			
[illegible] - Morris-Hellen Bridge	[illegible]			
[illegible] - L. Yellowstone River Cleaning	70			
[illegible] - Gardiner-Cooke 2/3 Cleaning	[illegible]			
[illegible] - Gardiner River Bridge	[illegible]			
[illegible] - Gardiner-Cooke Bridge	[illegible]			
[illegible] - Jack Pavement	[illegible]			
[illegible] - " "	[illegible]			
[illegible] - Cleaning (Tramway Construction)	[illegible]			

[illegible],000 authorized work completed, June [illegible], 1[illegible].

-159
1931)

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NATIONAL PARK SERVICE

STATUS OF PERSONNEL

YELLOWSTONE National Park for the Month of AUGUST, 1931.

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
r of employees beginning of month	148	664	144	463
r of additions	0	93	1	48
al	148	757	145	511
r of separations	18	358	23	101
r of employees close of month	130	399	122	410
r of promotions during month	1		0	
gate amount of annual leave taken	14		30	
gate amount of sick leave taken	8		2	
gate amount of leave without pay	0		0	

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NATIONAL PARK SERVICE

S T A T U S O F P E R S O N N E L

Colorado National Park for the Month of _____, 19__.

	This Month			This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed	
Employees beginning of month	240	614	140	385	
Additions	0	50	1	44	
	240	664	141	429	
Separations	20	102	20	101	
Employees close of month	220	562	121	410	
Promotions during month	1				
Amount of annual leave taken	14		10		
Amount of sick leave taken	0		2		
Amount of leave without pay	0		0		

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Yellowstone National Park for the Month of August, 1931

	This Year	Last Year
rk revenue on hand beginning of month,	-0-	$11,761.28
eived,	$62,481.85	56,612.28
Total,	62,481.85	68,373.56
itted,	46,997.25	58,311.56
hand close of month,	$15,484.60	$10,062.00

k revenues received this year to date,	$128,785.53
k revenues received last year to date,	120,118.02
Increase,	8,667.51
Per cent of increase,	7.2158

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Yellowstone National Park for the Month of August, 1931

	This Year	Last Year
ark revenue on hand beginning of month,	-0-	$1,701.48
eceived,	$60,461.85	56,612.08
Total,	$60,461.85	$58,313.56
ransmitted,	$45,997.85	58,311.56
and close of month,	$15,464.00	$2.00

ark revenues received this year to date,	$128,795.53
ark revenues received last year to date,	120,115.02
Increase,	8,680.51
Per cent of Increase	7.21%

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

(MAMMOTH AND OLD FAITHFUL MUSEUMS) AUGUST, 1931.

	Number	Value
OVERNMENT PUBLICATIONS:		
n hand beginning of month,	1739	190.45
eceived during month,	3720	1240.00
Total,	5459	1430.45
old during month,	4074	1145.90
On hand at close of month,	1385	284.55
ON-GOVERNMENT PUBLICATIONS:		
n hand beginning of month,	546	771.95
ceived during month,	576	645.05
Total,	1122	1417.00
ld during month,	613	729.50
On hand at close of month,	509	687.50
sh on hand beginning of month,		635.15
les during month,		1875.40
Total,		2510.55
mitted during month,		2096.35
Balance,		414.20

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

(MONTH AND OLD HISTORIC, ISSUES) ADDING, 1950.

	Number	Value
GOVERNMENT PUBLICATIONS:		
On hand beginning of month,	1759	190.45
Received during month,	2750	1440.00
Total,	4509	1630.45
Sold during month,	4074	1145.00
On hand at close of month,	1435	485.45
NON-GOVERNMENT PUBLICATIONS:		
On hand beginning of month,	944	771.05
Received during month,	575	845.00
Total,	1519	1616.05
Sold during month,	610	988.50
On hand at close of month,	909	627.50
Cash on hand beginning of month,		835.15
Sales during month,		1988.40
Total		2823.55
Expended during month		2044.30
Balance,		779.25

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

YELLOWSTONE National Park for the Month of AUGUST, 1931.

	This Month	This Month Last Year	Increase	Percent Increase
AL BUSINESS				
es of circuit maintained	532	528	4	0075
of telephones connected	191	172	19	11
of measured service calls				
of other local calls				
al No. of local calls	11,689	14,976	-3287	22
k load in calls per day	526	630	-104	16
eipts from measured service calls				
eipts from coin boxes				
eipts from telephone rental				
TOTAL RECEIPTS				
G DISTANCE BUSINESS				
Outbound calls	173	151	22	14
Inbound calls	133	182	-49	-26
TOTAL LONG DISTANCE CALLS	306	333	27	08
k load in calls per day	12	24	12	50
eipts from Long Distance business				
EGRAPH BUSINESS				
sages via Western Union				
sages via				
TOTAL MESSAGES				
eipts from telegraph business				
of money transfer messages				
of money transfer receipts				
AL RECEIPTS TELEPHONE & TELEGRAPH DEPT-				

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH SERVICES

Yellowstone NATIONAL PARK FOR THE MONTH OF AUGUST, 1921.

	Year ending June 30, 1921	Year ending June 30, 1920	Increase	Decrease
Calls				
Local (not included)	308	289	4	0070
Long distance	181	172	19	11
Local service calls				
Local calls				
Long distance calls	11,683	14,876	-3287	22
Local calls (not included)	320	630	-104	16
Total connected service calls				
Pay coin boxes				
Telephone rental				
Total receipts				
Pay business				
Local calls	172	151	22	14
Long calls	132	132	-49	-26
Total long distance calls	308	283	27	08
Pay coin boxes	12	24	12	50
Total business receipts				
Expenses				
Maintenance of [illegible]				
Total expenses				
Pay business [illegible]				
Total [illegible]				
Total telephone & telegraph cost				

UNITED STATES

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NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

YELLOWSTONE National Park for the Month of AUGUST, 1931.

	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
ent generated, ...	95510.0	179250.0	91230.0	174872.0	4378	02
to park operators, . . .	17400.0	37827.0	20387.1	41995.3	-4168.3	-09
to others, ...						
shed to other Governmental ncies, ...						
by National Park Service, t in transit, etc., . .	78110.0	141423.0	70642.9	132876.7	8546.3	06
al current generated, . .	95510.0	179250.0	91230.0	174872.0	4378.0	02

t receivable from the sale of electricity, ... $ 870.00

icated by K. W. H.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

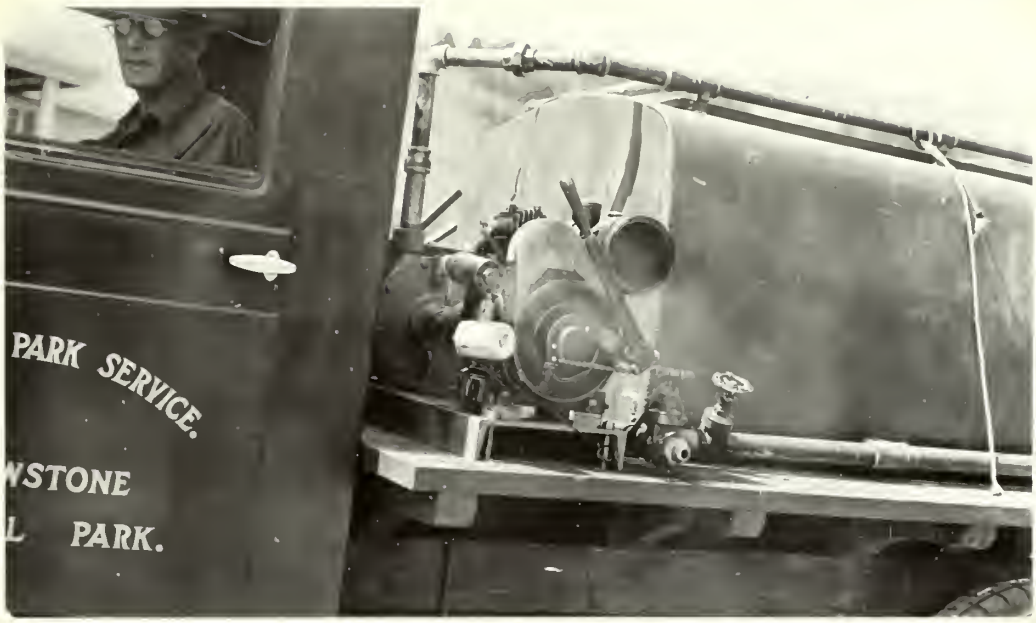
*ELECTRICITY GENERATED, SOLD, USED, ETC

KILOWATT-HOURS ..... National Park for the Month of AUGUST, 1931.

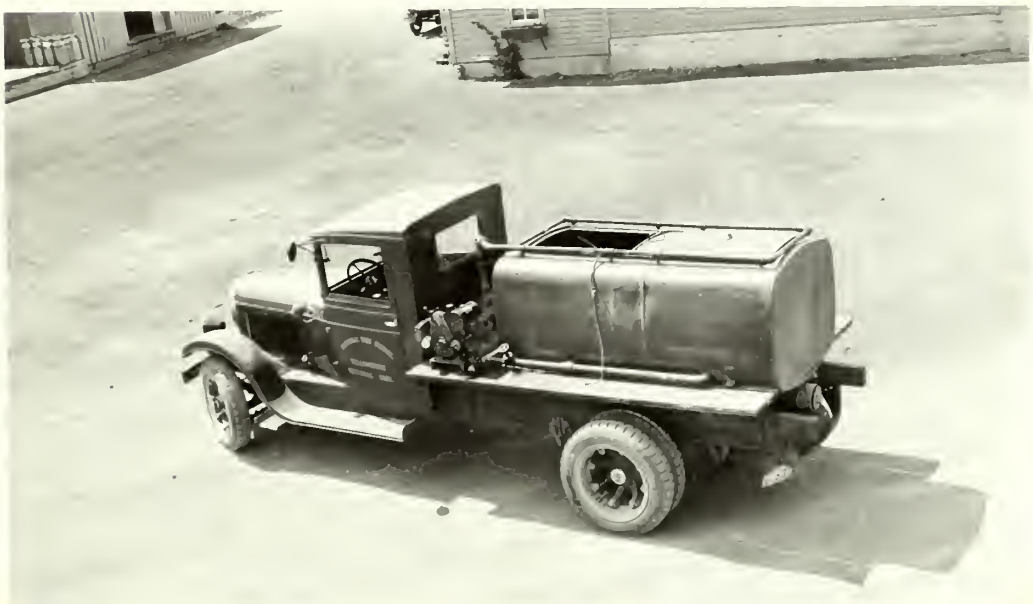
	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Percent
ent generated, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0%
o park operators, . . .	[illegible]	[illegible]	[illegible]	[illegible]	-[illegible]	-0%
to others, ...						
ned to other Governmental encies, ...						
o National Park Service, t in transit, etc., . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0%
l current generated, .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0%

. receivable from the sale of electricity, ... $ 870.00

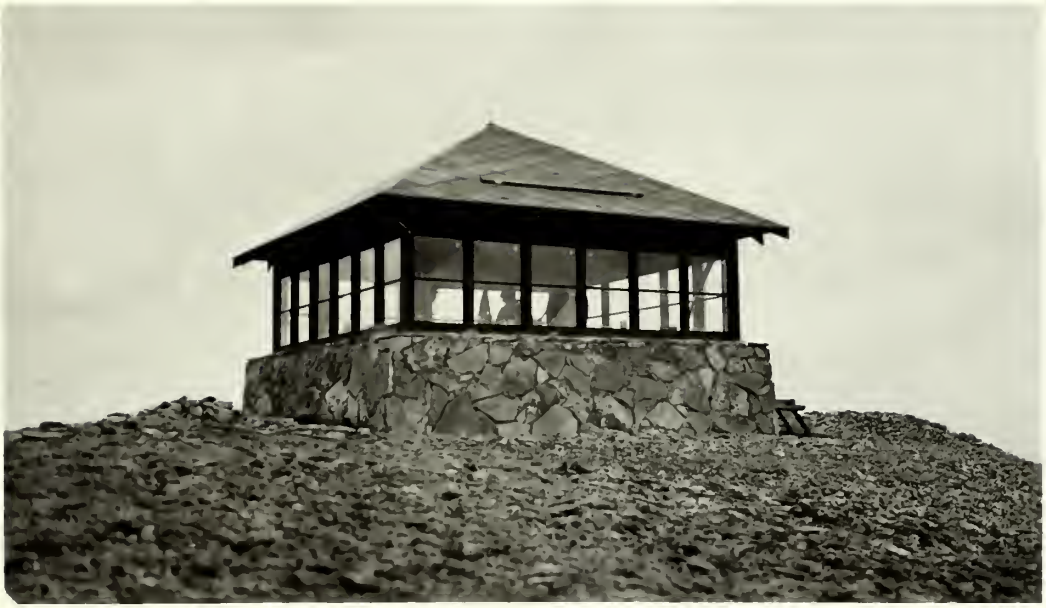
ared by K. W. H.



Briggs-Stratton Pumping Unit which provides circulation for the fish tank, - 2-cycle motor.



General view of the fish tank mounted on the $1\frac{1}{2}$ ton Reo Speed Wagon.



LOOKOUT - MT. HOLMES. PRACTICALLY COMPLETED.

o. 1030—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

MONTHLY METEOROLOGICAL SUMMARY.

ion, Yellowstone Park, Wyo.; *month,* August, *19* 31.

Temperature. (Degrees Fahrenheit.) Max.	Min.	Mean.	Precipitation. (In inches and hundredths.)	Character of day.	Per cent of Possible Sunshine
67	44	56	T.	Pt.Cldy.	88
75	40	58	0	Pt.Cldy.	89
81	49	65	0	Clear	99
81	48	64	0	Pt.Cldy.	73
81	53	67	.02	Pt.Cldy.	57
79	49	64	0	Pt.Cldy.	79
75	49	62	0	Pt.Cldy.	76
73	43	58	0	Clear	78
76	39	58	0	Clear	100
85	40	62	0	Clear	100
87	48	68	0	Pt.Cldy.	94
76	57	66	.01	Cloudy	9
64	56	60	.21	Cloudy	4
70	49	60	.11	Cloudy	35
80	48	64	0	Clear	68
84	49	66	0	Clear	96
86	48	67	0	Pt.Cldy.	76
80	50	65	.05	Cloudy	51
83	50	66	T.	Pt.Cldy.	70
86	50	68	T.	Pt.Cldy.	74
81	56	68	T.	Pt.Cldy.	52
79	50	64	T.	Clear	71
82	47	64	0	Pt.Cldy.	73
85	47	66	0	Clear	92
82	44	63	0	Clear	100
72	50	61	0	Pt.Cldy.	72
62	42	52	0	Pt.Cldy.	62
75	33	54	0	Clear	100
80	44	62	0	Pt.Cldy.	84
77	50	64	.33	Pt.Cldy.	58
70	47	58	.02	Cloudy	44
77.9	47.4	62.6	Total. 0.75		72

ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)

Mean 30.031; highest 30.34, date 28
lowest 29.67, date 26

TEMPERATURE.

Highest 87, date 11; lowest 33, date 28
Greatest daily range 45, date 10
Least daily range 8, date 13

MEAN FOR THIS MONTH IN—

1871	82	..	93	..	04	60	15	61	26	59
1872	83		94	68	05	62	16	58	27	56
1873	84		95	62	06	59	17	59	28	57
1874	85		96	60	07	56	18	57	29	65
1875	86		97	62	08	57	19	61	30	61
1876	87	61	98	63	09	63	20	59	31	63
1877	88	61	99	57	10	57	21	60	32	
1878	89	64	00	61	11	56	22	63	33	
1879	90	61	01	63	12	56	23	58	34	
1880	91	62	02	59	13	61	24	59	35	
1881	92	61	03	61	14	59	25	58	36	

Normal for this month 60.9
Absolute maximum for this month for 45 years 88
Absolute minimum for this month for 44 years 23
Average daily excess (+) or deficiency (−) of this month as compared with the normal +1.7
Accumulated excess (+) or deficiency (−) since January 1 +507
Average daily excess (+) or deficiency (−) since January 1 +2.1

PRECIPITATION.

Total this month 0.75; snowfall 0.0
Greatest precipitation in 24 hours 0.35, date 30-31
Greatest 24-hour snowfall 0.0, date ---
Snow on the ground at end of month 0.0

TOTAL PRECIPITATION THIS MONTH IN—

1871	82		93	1.06	04	1.11	15	1.53	26	1.3
1872	83		94	1.75	05	0.32	16	0.70	27	2.2
1873	84		95	0.72	06	1.47	17	0.17	28	0.9
1874	85		96	0.37	07	0.90	18	0.86	29	1.3
1875	86		97	0.57	08	3.42	19	0.40	30	4.1
1876	87		98	2.05	09	0.70	20	0.87	31	0.7
1877	88		99	2.23	10	0.52	21	1.03	32	
1878	89	0.64	00	0.29	11	0.66	22	1.60	33	
1879	90	1.77	01	1.65	12	1.66	23	0.70	34	
1880	91	1.22	02	0.61	13	1.58	24	1.36	35	
1881	92	0.64	03	0.45	14	0.20	25	1.65	36	

Normal for this month 1.07
Excess (+) or deficiency (−) of this month as compared with the normal -0.32
Accumulated excess (+) or deficiency (−) since January 1 -6.1

MEAN RELATIVE HUMIDITY (Percentage).

6 a. m., 65.5; local noon, 27.2; 6 p. m. 27.

WIND.

Prevailing direction SW.; total movement 4,336 miles; average hourly velocity 5.8; maximum velocity (for five minutes) 30 miles per hour, from SW. on 7
Maximum wind velocity this month since 1928
(By three-cup anemometer) 36-SW, on 26th, 192

WEATHER.

Number of days, clear 10; partly cloudy 16; cloudy 5
on which .01 inch, or more, of precipitation occurred 7

MISCELLANEOUS PHENOMENA (dates of).

Auroras none; halos: solar 21, lunar none
Hail 31; sleet none; fog none
Thunderstorms 14,18,19,20,21,30,31
*Frost: light none; heavy none; killing none

NOTE.—"T" indicates trace of precipitation.

*Autumn frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

Lowest observed relative humidity, 11%, at 6 p.m. of 10th.

W. T. LATHROP,
Meteorologist, Weather Bureau.

GOVERNMENT PRINTING OFFICE

Form No. 1030—Met'l.

U. S. DEPARTMENT OF AGRICULTURE.

WEATHER BUREAU.

MONTHLY

METEOROLOGICAL SUMMARY.

STATION

MONTH

, 19

8—1650 U. S. GOVERNMENT PRINTING OFFICE: 1939

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

August 27, 1931.

MEMORANDUM FOR PARK OFFICERS ON FIRE DUTY:

In light of the 1931 fire season it is evident that some changes would be desirable in the fire protection plan for Yellowstone National Park. The men who were actually engaged in fighting and handling the fire problem during the present season no doubt will be able to contribute a great deal to the formation of a new fire protection plan and offer many good suggestions about methods of handling both large and small fires.

In the very near future we hope to hold a conference with all of the men who were detailed to fire duty while activities of the fire season are still fresh in mind. This conference will probably be held as soon as rains and storms have made the park safe for this season. You will be notified at a later date, however.

George F. Baggley
Chief Ranger.

Department of the Interior
Yellowstone National Park
Yellowstone Park, Wyoming

YELLOWSTONE PARK NEWS LETTER

'ol. 1. No. 8. August 25, 1931

oseph Joffe, sst. to the Supt. | George Baggley, Chief Ranger | Alfred H. Povah, Park Naturalist

This "News Letter" is published weekly during the summer by the protective, educational and publicity departments for the information of all angers and ranger naturalists.

Road Conditions
August 25, 1931

est Entrance

(1) Via Gallatin Gateway to Bozeman (93 mi.) generally good; 8 miles near West Yellowstone rough and dusty.
(2) Via Ennis and Virginia City to Butte (Vigilante Trail)--Butte to Donald, pavement and oiled road, good; balance of road dirt and gravel, fair to good.
(3) Via Monida, Dillon, Butte, # 93--Monida to Dillon, construction, fair; Dillon to Butte, oiled surface.
(4) Via Old Oregon Trail, # 30, to Portland--surfaced road, generally good, some short stretches of repair and oiling; construction St. Anthony to Rigby.
(5) Via Victory Highway, # 40, east or west from Salt Lake City--generally fair, some construction. Inquire Salt Lake City.
(6) Twin Falls to Wells--good to state line, fair to Wells; construction.

outh Entrance

(1) Via Pinedale to Rock Springs--natural gravel, generally good if dry; Rock Springs east to Cheyenne generally good; some construction.
(2) Via Jackson and Victor over Teton Pass, thence via Tetonia to Sugar City--generally good; via Swan Valley to Idaho Falls, shorter but troublesome in wet weather.
(3) Via Togwotee Pass to Lander and Riverton, thence on to Rawlins, or via Casper to Cheyenne--generally good.
(4) Snake River to Moran to Jackson--good.

st Entrance

(1) Via Cody, Greybull, Worland, and the Bighorn Pass--generally good.
(2) Via Cody, Powell, to Billings--generally good.
(3) Via Cody and Casper to Cheyenne and Denver--generally good.
(4) Road from Fishing Bridge to Sylvan Pass closed from 5:00 p.m. till 6:00 a.m. Must leave Fishing Bridge by 5:00 p.m.

rth Entrance

(1) Via Y-G Bee Line or Park-to-Park Highway to Glacier Park, # 87, thence to Lake Louise--generally good, mostly good gravel; oiling Gardiner to Corwin. Old road good as alternate to avoid oiling.
(2) Roosevelt Trail, # 2, east--gravel roads good, dirt roads rough; construction.

(3) Roosevelt Highway west--dirt roads poor to fair. Scenic, but difficult in wet weather.
(4) Yellowstone Trail, # 10 and # 12, east--gravel roads good dirt roads fair.
(5) # 10 east--most of gravel roads good; construction Big Timber to Columbus.
(6) # 10 west, via Wallace--Missoula to Superior to State line, completed road good, some construction and oiling; detour between Bozeman and Butte; state line to Spokane, good.
Via Clark's Fork--construction, fair to good. Road between Perma and Plains still reported closed (detour via Camas Prairie).
Via Hamilton--good road, scenic, but 24 miles farther than via Phillipsburg which is also good.
Via Deer Lodge--fair to good; no construction reported.

Considerable construction and repair work is being done on the roads within the park, but the heavy construction is over as short stretches as possible.

- 0 0 0 -

The latest word from Director Albright is that he is due in Seattle, coming from Alaska, on August 26. He will then proceed to San Francisco. His visit to Yellowstone is not certain, but he has hopes of visiting here about September 10.

Superintendent Toll, Assistant Superintendent Edwards, and Chief Engineer Kittredge attended a meeting in Billings on August 24 in connection with a proposition to dam Lake Yellowstone at its outlet. Following the meeting a horseback trip will be made from Red Lodge to Cooke over the new proposed route for the Red Lodge-Cooke road. The party is due back in Mammoth on the evening of the 26th.

The request of the Yellowstone Park Hotel Company and the Yellowstone Park Lodge and Camps Company to close Lake Hotel and Lodge, and Roosevelt Lodge, September 1 has received the approval of the Washington office. The cafeteria at Fishing Bridge will be open from 7:00 a.m. until 9:00 p.m., and park visitors can obtain food at this cafeteria during this period. While hot meals will not be served except at regular hours, visitors can obtain light lunches and sandwiches at other hours between 7 a.m. and 9 p.m.

H. M. Lawrie, Secretary to Senator Oddie of Nevada, entered the park at the East Gate on August 23. He left here on the 24th for Glacier Park and will continue on to Reno, where he is to join Senator Oddie.

The museums at Madison and Norris Junctions will close September 1.

Effective Sunday, August 23, the road over Dunraven Pass will be closed every night from 6 p.m. till 6 a.m., until further notice.

Dean Cornwall and Dr. Pope leave this week for their respective schools, the University of Oklahoma and Whitman College. Educational activities at Tower Falls ceased August 20. To date the following temporary rangers have resigned: Dewey D. Collins, George A. Eckles, Mark H. Greenwood, John F. Kerkam, Millard P. Knock, Wayne F. Replogle, Edward M. Shelton, Charles E. Smith, Alva E. Straw, James M. Tindall, Marlin A. Vavra, William M. White, and Donley C. Wertz.

The following is the Jackson Hole Bus Schedule: Commencing Monday, ugust 17th, the present schedules from Old Faithful to Moran, or Jackson ake, and Jackson Lake to Yellowstone Lake, will be discontinued, and the ollowing schedules substituted therefor.

The bus will leave Moran at 12:30 p.m. arrive at Thumb 3:30 P.M., eave Thumb 3:45 p.m., arrive Moran 6:45 p.m.

Passengers going from Old Faithful to Jackson Lake, will leave Old aithful on the regular bus at 1:55 and arrive at Thumb at 3:20 p.m., leave humb 3:45 p.m. for Moran. Passengers enroute from Moran to the Park, will eave Moran at 12:30 p.m. arrive Thumb 3:30 p.m., and there transfer to the egular busses going to the Lake.

Yellowstone National Park travel report for week ending August 22, 931.

	1931		1930		Percentage	
	Cars	People	Cars	People	Increase	Decrease
y private car	4714	15367	5174	16450		7%
y rail		1413		2366		40%
iscellaneous		36		23	57%	
OTAL FOR WEEK	4714	16816	5174	18839		11%
reviously reported	48893	168905	48479	173635		2.7%
OTAL TO DATE	53607	185721	53653	192474		3.5%

Grand Teton National Park travel report for week ending August 22, 931.

	1931		1930		Percentage	
	Cars	People	Cars	People	Increase	Decrease
N. P. to G. T. N. P.	7[illegible]	2586	206	672	285%	
T. N. P. to Y. N. P.	334	1064	96	341	212%	
N. P. to G. T. N. P. & return	112	343	102	345		1%
TAL FOR WEEK	1230	3993	404	1358	194%	
eviously reported	9201	28667	5457	16794	71%	
TAL TO DATE	10431	32660	5861	18152	80%	

Teton travel as taken at the South Entrance of Yellowstone Park.

A comparative report of the educational activities for the week ding August 22, 1931, with the corresponding week of 1930 is as follows:

	1931	1930
ikes	7445	8663
to Caravan	5306	1702
ctures	58852	53378
seum Attendance	20698	20747
cal Contacts Made	92301	84490

Percentage of Increase over last year, 9.2%

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

August 24, 1931.

MEMORANDUM FOR ALL PARK RANGERS:

Indications point toward an unusually late fire season this year. Long periods of dry weather along with recent lightning storms have created an alarming situation, and it is extremely important to catch all fires while they are small.

To expedite the handling of all fires a fire desk is being kept at Mammoth where all fire records are kept and all dispatching done. A man will be on duty at this desk practically all of the time. All phone calls pertaining to fires should be routed to the fire desk. When calling concerning fire ask the operator for the fire desk. All fire information will come and go by way of the fire desk.

Each ranger will consult the fire desk in making plans for handling fires.

The following wage scale will be standard for Yellowstone Park:

Fire fighters (more than one day).....	$ .30	per	hour
Fire fighters (less than one day).....	.35	"	"
Foreman (50 men or more).....	6.00	"	day
Foreman (less than 50 men).....	5.00	"	"
Straw bosses (handling 8 to 10 men)...	.40	"	hour
Cook (20 men or more).....	6.00	"	day
Cook (less than 20 men).....	5.00	"	"
Camp boss (when necessary).....	4.00	"	"
Time Keeper (50 men or more).....	4.50	"	"
Time Keeper (less than 50 men).....	3.50	"	"
Teamster.....	4.50	"	"
Packer.....	5.00	"	"
Horses (with harness or pack saddle complete).....	1.00	"	"

New equipment and food supplies are all available from headquarters when needed.

It is very important that a complete and accurate report be submitted for all fires as soon as possible after the fires are out. In cases where costs cannot be figured accurately in the field, they can be inserted when the report is received.

George F. Baggley
Chief Ranger.

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

August 24, 1931.

MEMORANDUM FOR ALL PARK RANGERS:

Inclosed you will find a copy of the recently revised ranger manual. All copies have been numbered and the inclosed manual is charged to you.

It is planned to revise and index this manual during the coming winter.

Any suggestions for the improvement of the ranger manual will be appreciated.

George F. Baggley
Chief Ranger.

Inclosure.

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

August 24, 1931.

MEMORANDUM FOR ALL PARK RANGERS:

Owing to the heavy expense incurred during the Basin Creek fire it will be necessary to release our temporary personnel earlier than has been customary in the past.

Following is a list of releases up to and including August 24, with later tentative release dates and changes in temporary personnel assignments effective on that date. This schedule will be adhered to as closely as possible. However, dates may be changed to suit the convenience of the Service:

Collins, Dewey D. -	August	24
Eckels, George A. -	"	19
Greenwood, Mark H.-	"	24
Kerkam, John F. -	"	16
Knock, Millard P. -	"	24
Replogle, Wayne F. -	"	22
Shelton, Edward M. -	"	24
Smith, Charles E. -	"	24
Straw, Alva E. -	"	14
Tindall, James M. -	"	24
Wertz, Donley C. -	"	24
White, William M. -	"	24
Vavra, Marlin A. -	"	24

MAMMOTH DISTRICT

Mammoth Station: Joe J. Way. Convenience of service
Ernest G. Dice. September 5.

Gardiner Station: Claus DeWit. September 15

Norris Station: Paul H. Umbach. September 1.

Tower Falls Station: James C. Houston. September 5
R. H. Wylie. Convenience of service.

SODA BUTTE DISTRICT

Cooke Station: W. Leon Evans. September 5.

SYLVAN PASS DISTRICT

Sylvan Pass Station: John S. Bugas. September 15.

LAKE DISTRICT

Lake Station: James L. Johnston. Convenience of Service.
Proctor L. Dougherty, Jr. September 1
Loy B. Worley. September 15.

Fishing Bridge Station: Earl M. Semingsen. Convenience of Service.
Jerome Frankel. September 10.

SNAKE RIVER DISTRICT

Snake River Station: Walter W. Kingham. September 10
James R. Bianco. September 1.

Heart Lake Station: Kendrick M. Melvet. September 15
Kenneth C. Robertson. September 5
Robert W. Wagstaff. September 5
Marion R. Crowell. September 20.

RIVERSIDE DISTRICT

Riverside Station: Carlos Davis. Convenience of Service

West Yellowstone Station: Robert W. Davis. September 20
Earl Pitt. September 15.

Gallatin Station: Howard L. Kirk. August 27.

CANYON DISTRICT

Canyon Station: Clifford L. Fretwell. September 20
Frank J. Silsbee. September 1
Stewart G. Wilson. September 15.

Dunraven Pass Station: John A. Mitchell. September 5.

OLD FAITHFUL DISTRICT

Old Faithful Station: Fred R. Morrell. Convenience of Service
Eli Eichelberger. September 5
William W. Williamson. September 1.

George F. Baggley
Chief Ranger.

Department of the Interior
Yellowstone National Park
Yellowstone Park, Wyoming

YELLOWSTONE PARK NEWS LETTER

ol. 1. No. 7 August 18, 1931

oseph Joffe, sst. to the Supt. | George Baggley, Chief Ranger | Alfred H. Povah, Park Naturalist

This "News Letter" is published weekly during the summer by the pro-ective, educational, and publicity departments for the information of all angers and ranger naturalists.

Road Conditions
August 18, 1931

est Entrance

(1) Via Gallatin Gateway to Bozeman (93 mi.) generally good; 8 miles near West Yellowstone rough and dusty.
(2) Via Ennis and Virginia City to Butte (Vigilante Trail)--Butte to Donald, pavement and oiled road, good; balance of road dirt and gravel, fair to good.
(3) Via Monida, Dillon, Butte, # 93--Monida to Dillon, construction, fair; Dillon to Butte, oiled surface.
(4) Via Old Oregon Trail, # 30, to Portland--surfaced road, generally good, some short stretches of repair and oiling; construction Burley to Bliss.
(5) Via Victory Highway, # 40, east or west from Salt Lake City--generally fair, some construction east; fair to good west, some construction. Inquire at Salt Lake City.
(6) Twin Falls to Wells--good to state line, fair to Wells; construction.

outh Entrance

(1) Via Pinedale to Rock Springs--natural gravel, generally good if dry; Rock Springs east to Cheyenne generally good; some construction.
(2) Via Jackson and Victor over Teton Pass, thence via Tetonia to Sugar City--generally good; via Swan Valley to Idaho Falls, shorter but rough and difficult if rains.
(3) Via Togwotee Pass to Lander and Riverton, thence on to Rawlins, or via Casper to Cheyenne--generally good.
(4) Snake River to Moran to Jackson--good.

ast Entrance

(1) Via Cody, Greybull, Worland, and the Bighorn Pass--generally good; road has been worked since last rains.
(2) Via Cody, Powell, to Billings--fair to good.
(3) Via Cody and Casper to Cheyenne and Denver--generally good.
(4) Road from Fishing Bridge to Sylvan Pass closed from 6:00 p.m. to 6:00 a.m.

orth Entrance

(1) Via Y.-G. Bee Line or Park-to-Park Highway to Glacier Park, # 87, thence to Lake Louise--generally good.
(2) Roosevelt Trail, # 2, east--gravel roads fair to good, dirt roads rough; construction.
(3) Roosevelt Highway west--construction, dirt roads poor to fair, gravel fair.

(4) Yellowstone Trail, # 10 and # 12, east--gravel roads good, di roads fair.
(5) # 10 east--most of gravel roads good; construction Big Timber to Columbus, rough.
(6) # 10 west, via Wallace--Missoula to Superior to State line, completed road good, some construction; state line to Spokane, good.
Via Clark's Fork--construction, fair to good.
Via Hamilton--good road, scenic, but 24 miles farther than via Phillipsburg which is also good.
Via Deer Lodge--good.

- 0 0 0 -

Word has been received through our San Francisco office that Director Albright has made rapid improvement since his recent operation, and is now out of bed and able to walk around. He expects to return to Mt. McKinley Park, and is leaving Seward, Alaska, on August 21, arriving at Seattle on August 26. After a day at Mt. Rainier Park he will proceed to San Francisco, and will be in the San Francisco office on the 31st.

Honorable William W. Hastings, U. S. Congressman from Oklahoma, a member of the Interior Department Sub-Committee of the House Appropriations Committee entered the park at the South Gate on August 16 and will leave on the 18th. The committee has just returned from Alaska.

Honorable Don B. Colton, U. S. Congressman from Utah, and Honorable Burton French, U. S. Congressman from Idaho, entered the park at the South Gate on August 17, and left via West Yellowstone on the same day.

Mr. F. A. Kittredge, Chief Engineer for the National Park Service, entered the park at the North Gate on August 15 with Mrs. Kittredge and their daughter. Mr. Kittredge expects to remain in the Yellowstone until Friday, August 21, when he will leave for the Grand Teton Park.

Dr. Harold C. Bryant, Assistant Director of the National Park Service, in charge of educational work, entered the park at the West Gate on August 15, and expects to leave via the South Gate on August with Chief Engineer Kittredge. In company with Dr. Povah he will make a trip around the park, spending a day at each major point touched by the educational work of this park. Thursday night, August 20, he will lecture at the Mammoth Lodge. Other lectures at Mammoth will be discontinued on that evening. His subject will be "Nature, the Supreme School Teacher and Master Textbook", an illustrated lecture on the National Parks.

The fire situation in the park is considerably improved. At present we have no fires. The Basin Creek fire is out, but a few men are being kept on the job to gather up the equipment. The recent rains in Yellowstone have been of considerable assistance in overcoming the fire problem.

On August 13 John D. Coffman, Fire Control Expert, who was with Chief Ranger Baggley in Grand Teton National Park, received word of a serious fire in Glacier National Park. They left immediately for Glacier Park, driving to Belgrade, Montana, where they took a Forest Service airplane and completed the trip. It was planned to send five rangers from Yellowstone to assist at the Glacier fire, but word was received the morning of August 14 that they would not be needed. Chief Ranger Baggley returned to the park Sunday evening

A small fire started near Cub Creek in the Lake District but was controlled the same day it started.

On August 17, Chief Ranger Baggley and Assistant Chief Ranger Miller made an inspection trip to Heart Lake.

Temporary Rangers Alva E. Straw and John F. Kerkam have resigned. Mr. Straw is moving to Casper and found it necessary to leave early in order to get his home established before his school starts. Mr. Kerkam is making preparations to join a geology camp early in September.

Many inquiries have come to the general offices concerning the probabilities of seeing animals and approximate localities where they might be seen. The following may prove of some help to those of you who receive such inquiries:

Antelope are usually feeding in the cultivated fields inside the North Gate.

Beaver can be seen at work on the old Gardiner road, about two and a half miles from Mammoth. They have a series of some thirteen dams constructed near the road and visitors seldom fail to see them after six o'clock in the evening. They are also working near Obsidian Cliff.

Elk and often deer, are usually to be found on the meadows near Norris Ranger Station and in Elk Park.

Moose are seen regularly in Willow Park just beyond the Seven-Mile Bridge, also reported often on Sylvan and Dunraven Passes, out the South Gate, and the cut-off between Norris and Canyon Junctions.

Mountain sheep, conies and occasionally a red fox may be seen on Mt. Washburn.

It should be borne in mind that the best time to see the animals is about sundown or early in the morning; many folks expect to find them at these points in the heat of the day and will be disappointed.

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The travel reports for Yellowstone National Park and Teton National Park for the week ending August 15 are as follows:

Yellowstone National Park travel report for week ending August 15, 1931.

	1931		1930		Percentage	
	Cars	People	Cars	People	Increase	Decrease
By private car	4899	15746	4506	14911	6%	
By rail		1798		2239		24%
Miscellaneous		33		41		15%
Total for Week	4899	17579	4506	17191	2%	
Previously reported	43994	151326	43975	156444		3.3%
TOTAL TO DATE	48893	168905	48479	173635		2.7%

Grand Teton National Park travel report for week ending August 15, 1931.

	1931		1930		Percentage	
	Cars	People	Cars	People	Increase	Decrea
Yellowstone National Park to Grand Teton National Park	756	2497	101	446	460%	
Grand Teton National Park to Yellowstone National Park	263	957	79	209	358%	
Yellowstone National Park to Teton Nat'l. Park and return	81	263	97	296		11%
Total for Week	1100	3717	277	951	291%	
Previously reported	8101	24950	5180	15843	57%	
Total to Date	9201	28667	7457	16794	71%	

A comparative report of the contacts made through the educational activities for the week ending August 15, 1931, with the corresponding week of 1930 is as follows:

	1931	1930
Hikes	6926	7821
Auto Caravan	5136	1178
Lectures	59541	37409
Museum Attendance	22231	21479
Total Contacts Made	93834	67887

Percentage of Increase over last year, 38%

Department of the Interior
Yellowstone National Park
Yellowstone Park, Wyoming

YELLOWSTONE PARK NEWS LETTER

Vol. 1. No. 6 August 10, 1931

Joseph Joffe, Asst. to the Supt. | George Baggley, Chief Ranger | Alfred H. Povah, Park Naturalist

This "News Letter" is published weekly during the summer by the protective, educational and publicity departments for the information of all rangers and ranger naturalists.

Road Conditions
August 10, 1931

West Entrance

(1) Via Gallatin Gateway to Bozeman (93 mi.) generally good; 8 miles near West Yellowstone rough and dusty.
(2) Via Ennis and Virginia City to Butte (Vigilante Trail)--Butte to Donald, pavement and oiled road, good; balance of road dirt and gravel, fair to good.
(3) Via monida, Dillon, Butte, # 93--Monida to Dillon, construction, fair; Dillon to Butte, oiled surface.
(4) Via Old Oregon Trail, # 30, to Portland--surfaced road, generally good, some short stretches of repair and oiling; construction south of St. Anthony and west of American Falls.
(5) Via Victory Highway, # 40, east or west from Salt Lake City--generally fair, some construction east; fair to good west. Inquire at Salt Lake City.
(6) Twin Falls to Wells--good to state line, fair to Wells; construction.

South Entrance

(1) Via Pinedale to Rock Springs--natural gravel, generally good if dry; Rock Springs east to Cheyenne generally good; some construction.
(2) Via Jackson and Victor over Teton Pass, thence via Tetonia to Sugar City--generally good; via Swan Valley to Idaho Falls, shorter but troublesome in wet weather.
(3) Via Togwotee Pass to Lander and Riverton, thence on to Rawlins, or via Casper to Cheyenne--generally good.
(4) Snake River to Moran to Jackson--good.

East Entrance

(1) Via Cody, Greybull, Worland, and the Bighorn Pass--generally good.
(2) Via Cody, Powell, to Billings--generally good.
(3) Via Cody and Casper to Cheyenne and Denver--generally good.
(4) Road from Fishing Bridge to Sylvan Pass closed from 6:00 p.m. to 6:00 a.m.

North Entrance

(1) Via Y-G Bee Line or Park-toPark Highway to Glacier Park, # 87, thence to Lake Louise--generally good, mostly good gravel; surfacing and construction, Wilsall to White Sulphur Springs.
(2) Roosevelt Trail, # 2, east--gravel roads good, dirt roads rough; construction.
(3) Roosevelt Highway west--construction, dirt roads poor to

fair.

(4) Yellowstone Trail, # 10 and # 12, east--gravel roads good, dirt roads fair.

(5) # 10 east--most of gravel roads good; construction Big Timber to Columbus.

(6) # 10 west, via Wallace--Missoula to Superior to State line, completed road good, some construction and oiling; state line to Spokane, good.
Via Clark's Fork--construction, fair to good. Road between Perma and Plains still reported closed (detour via Camas Prairie).
Via Hamilton--good road, scenic, but 24 miles farther than via Phillipsburg which is also good.
Via Deer Lodge--fair to good; no construction reported.

Detailed reports of road conditions in Idaho, Montana, and Washington are on file at the Mammoth Information Office. If detail is desired, the required information can be secured by calling the ranger naturalist in charge. We do not encourage the giving of detailed information, but at times it becomes necessary.

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Ralph T. O'Neil, National Commander of the American Legion, is making a one day trip through the park on August 10. He is enroute to the State Convention of the American Legion at Miles City.

The American Nature Association party arrived at Cody on August 9 and is using the following schedule: August 9, Canyon; August 10, Old Faithful; the 11th and 12th, Lake; the 13th, Canyon; the 14th, 15th, and 16th, Roosevelt Lodge; out Gardiner on the 17th.

H. B. Hommon, Sanitary Engineer in Charge of Public Health Service Work in the national parks, arrived at Cody on August 5. He will spend about a week in the Yellowstone.

Henry E. Williams of Blossom, Mass., author and special writer for the Christian Science Monitor, arrived in the park at the north gate on August 6 He is writing special articles on the park for the Christian Science Monitor Mr. Williams is traveling in his own car with his family, camping out or using the housekeeping cabins.

The Valley Ranch Girls Party left the park via the east gate on August 7. The Boys Party left eh park on August 9 via the east gate.

F. A. Kittredge, Chief Engineer for the National Park Service, is due to arrive via the north gate on August 15.

Dr. Harold C. Bryant, Assistant Director of the National Park Service, in charge of educational work, is due to arrive in the park via West Yellowstone on August 15.

Honorable Scott Leavitt, U. S. Congressman from Montana, is due at Grand Teton Park on August 15 with the Interior Department Sub-Committee on Appropriations. He is going direct through the Yellowstone enroute to Helena, Montana.

While the members of the Interior Department Sub-Committee on Appropriations will visit the Grand Teton National Park, they do not have the Yellowstone included in their itinerary. It may be that some of the members of the party will find it possible to visit the Yellowstone later.

Honorable William W. Hastings, U. S. Congressman from Oklahoma, after leaving the Sub-Committee on Appropriations at Casper on August 17, will make a two day trip through the Yellowstone.

Effective August 6 the retail gasoline prices in the park were increased one cent. This makes the prices in the park as follows: At Mammoth Hot Springs, 24¢ per gallon and at other points in the park, 25¢. Ethyl gasoline 3¢ above regular gasoline prices. The above prices will be in effect until further notice.

Representatives of the various park operations and National Park Service officers met at the Mammoth Hotel on the evening of August 8 to discuss ways and means of encouraging visitors to spend longer periods in the park. Special literature will be printed and distributed later on and other ways are being devised to accomplish this end. Rangers and ranger naturalists, as well as all employees of the National Park Service and the park operators who come in contact with the public are urged to join in the movement to inform visitors of the many things that are to be seen and done at each point of interest, with a view to having their stays in the park prolonged. As it is now, the visitors are going through the park in the least possible time and are passing up many of the interesting features. We want park visitors to see the Yellowstone in a leisurely easy manner.

The Yellowstone Park Hotel Company and the Yellowstone Park Lodge and Camps Company have made a request upon the Superintendent to close the Lake Hotel and Lake Lodge and Roosevelt Lodge at the close of business August 31. Rail visitors holding tickets for a stop at Lake Hotel will be taken care of on extra day at either Canyon or Old Faithful and persons not desiring to stay over will be refunded the cost of this part of their trip. Furnished cabins will be available at Fishing Bridge for persons desiring this type of accommodation. The request of the companies has the approval of Superintendent Roll and has been forwarded to the Washington office for final approval.

Director Horace M. Albright, while in Alaska with the Interior Department Sub-Committee on Appropriations, was stricken with appendicitis and it was necessary that an operation be performed. He was operated on at Fairbanks, Alaska, on July 29. A telegram received from Director Albright from Fairbanks on August 7 advised that he was making splendid progress and that his recovery would probably be uneventful.

The Yellowstone Park operators have a number of reels of motion pictures, 16 mm., and slides for lecture purposes which are distributed free to persons interested in giving lectures on the Yellowstone. If any rangers, ranger naturalists or other park employees are interested in securing such films and slides in connection with their school or other work as a means toward promoting travel to the Yellowstone, they should communicate with J. E. Haynes, the authorized park photographer, whose address is Yellowstone Park, Wyoming.

George A. Smith, Ranger Naturalist at Madison Junction, and Constance Hammond of Fremont, Nebraska, were married in the Yellowstone Chapel Monday, August 3. Following the service, which was performed by Ranger Naturalist Fred R. Isacksen, pastor of Central Methodist Church, Tacoma, Washington, a

wedding breakfast was enjoyed at the Mammoth Hotel.

Dr. Wallace R. Atwood, Assistant to Assistant Director Bryant, accompa by Dr. Alfred H. Povah, spent the latter part of the week at Old Faithful a Lake and the Teton National Park. Dr. Atwood will go from the Tetons to Crater Lake National Park.

Fire Control Expert, John D. Coffman, arrived at Mammoth on August 8 from the Basin Creek fire. On August 11, with Chief Ranger Baggley and District Ranger Trischman, he will make an inspection of Mt. Holmes lookout which is in the course of construction.

Chief Ranger Baggley returned to Mammoth Saturday evening, August 8, after spending three weeks at the Basin Creek fire, supervising operations.

The Type Map Survey Crew finished work at Littles Fork and moved camp to Three River Junction on August 8. The survey work is progressing very satisfactorily.

Several of the permanent and temporary rangers have returned to their stations from fire duty and work is gradually returning to normalcy. The troublesome bears, which took advantage of us in our dire distress, are being transported in the new bear cage which has just been completed.

During the month of July there were nine fires in Yellowstone Park which were suppressed by fire suppression funds. All of these fires, with the exception of the one at Heart Lake, are now out. The one at Heart Lake is well under control and at the present time there are seventy-seven men on duty there for patrol purposes and as a safety-first measure. Several o the permanent and temporary rangers are also remaining at the fire. Detail reports of this summer's fires in Yellowstone Park have not been completed, but we hope to be able later to send them to all rangers.

Assistant Chief Rangers LaNoue and Miller will probably spend a great deal of the remaining tourist season in the field on various phases of the ranger work, especially for the purpose of assisting district rangers in a problems they may have, as well as controlling the bear situation.

Haying operations have been progressing at the various ranches since latter part of July. The hay crops harvested this year will be considerab larger than those of last year. However, it will be necesssry to purchase 200 additional tons of hay and several tons of cottonseed cake for use on the Buffalo Ranch.

Following are travel reports for Yellowstone National Park and Teton National Park for the week ending August 8, 1931.

Yellowstone National Park travel report for week ending August 8, 1931.

	1931		1930		Percentage	
	Cars	People	Cars	People	Increase	Decrease
By private car	4998	16238	5477	17507		7%
By rail		1867		2823		34%
Miscellaneous		36		52		31%
Total for Week	4998	18141	5477	20382		11%
Previously reported	38996	133185	38496	136062		2%
TOTAL TO DATE	43994	151326	43973	156444		3.3%

Grand Teton National Park travel report for week ending August 8, 1931.

	1931		1930		Percentage	
	Cars	People	Cars	People	Increase	Decrease
Yellowstone National Park to Grand Teton National Park	715	2254	341	1023	120%	
Grand Teton National Park to Yellowstone National Park	365	1231	148	482	155%	
Yellowstone National Park to Teton Nat'l Park and return	115	372	134	434		14%
Total for Week	1195	3857	623	1939	99%	
Previously reported	6906	21093	4557	13904	52%	
Total to Date	8101	24950	5180	15843	57%	

A comparative report of the educational activities for the week ending August 8, 1931, with the corresponding week of 1930 is as follows:

	1931	1930
Hikes	7629	9624
Auto Caravan	5302	1765
Lectures	62746	51064
Museum Attendance	21140	22214
Total Contacts Made	96817	84667

Percentage of Increase over last year, 14%.

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

August 7, 1931.

MEMORANDUM FOR ALL PARK RANGERS:

There is quoted in full letter from the Superintendent to the public utility operators in Yellowstone National Park regarding the increase of gasoline prices, effective August 6:

"Due to an increase of one cent per gallon in the tank wagon price of gasoline at West Yellowstone, Montana, and Gardiner, Montana, affecting prices in Yellowstone Park and in towns in the vicinity thereof, the retail price of gasoline at all points in the park is increased one cent per gallon effective today, August 6, 1931. This increase in price makes the retail price of gasoline in the park as follows:

At Mammoth Hot Springs	24¢ per gallon
At other points in the park. . . .	25¢ per gallon
Ethyl gasoline	3¢ above regular gasoline price.

There is no change in the price of oils from that approved under date of May 12, 1931.

Please have printed notices posted in conspicuous places at all filling stations and garages.

The price to the National Park Service, for emergency purposes, will be three cents less per gallon for gasoline and five cents less per quart for oils than the above prices.

The above schedule, which will be in effect until further notice, is based on a tank wagon price of 21¢ at Gardiner. The retail price in Gardiner is 24¢, or the same as at Mammoth, and the retail price in West Yellowstone is 25¢, or the same as at Old Faithful and other points in the park."

George F. Baggley
Chief Ranger

STATEMENT SHOWING AUTOMOBILE TRAVEL BY STATES
YELLOWSTONE NATIONAL PARK - SEASON OF 1931, THROUGH AUGUST

NAME OF STATE	NORTH Cars	NORTH Passengers	WEST Cars	WEST Passengers	EAST Cars	EAST Passengers	SOUTH Cars	SOUTH Passengers	TOTAL Cars	TOTAL Passengers
Alabama	2	6	18	51	15	55	10	32	45	144
Arizona	31	91	109	314	51	147	23	72	214	624
Arkansas	8	25	29	106	34	98	16	59	87	288
California	883	2468	2990	8746	1376	3999	655	1834	5904	17047
Colorado	161	454	282	870	874	2643	467	1413	1784	5360
Connecticut	20	55	21	73	85	234	10	24	136	386
Delaware	5	18	3	5	7	18	1	2	16	43
Dist. of Col.	27	75	50	159	92	272	23	73	192	579
Florida	18	47	57	185	70	203	26	81	171	516
Georgia	15	53	36	198	21	63	3	10	75	324
Idaho	120	359	2241	8670	115	375	424	1543	2900	10947
Illinois	313	954	510	1588	1748	5433	324	1045	2895	9020
Indiana	95	297	181	550	418	1346	110	327	804	2520
Iowa	184	580	262	865	1046	3390	171	533	1663	5368
Kansas	114	366	238	852	594	1937	259	830	1205	3985
Kentucky	12	34	40	162	84	259	27	86	163	541
Louisiana	5	11	27	88	46	164	17	55	95	318
Maine	5	19	16	58	16	44	2	5	39	126
Maryland	13	48	29	81	72	234	18	54	132	417
Massachusetts	38	101	93	282	161	455	25	67	317	905
Michigan	148	461	216	669	644	1873	102	305	1110	3308
Minnesota	384	1217	239	800	933	2919	59	169	1615	5105
Mississippi	4	16	22	75	23	85	10	28	59	204
Missouri	99	288	196	670	605	1921	224	719	1124	3598
Montana	2063	6887	1700	5891	747	2532	95	291	4605	15601
Nebraska	118	357	151	472	781	2559	238	833	1288	4221
Nevada	13	43	96	316	13	31	30	91	152	481
New Hampshire	8	27	6	12	21	70	5	10	40	119
New Jersey	64	196	133	389	250	719	44	126	491	1430
New Mexico	9	32	39	101	33	104	25	64	106	301
New York	130	339	289	816	696	1995	150	448	1265	3598
North Carolina	21	97	28	98	24	78	15	62	88	335
North Dakota	198	633	136	482	234	795	19	65	587	1975
Ohio	134	411	387	1207	698	2079	186	581	1405	4278
Oklahoma	78	242	128	435	289	929	164	573	659	2179
Oregon	133	384	509	1583	181	566	69	226	892	2759
Pennsylvania	103	293	261	855	419	1266	99	301	882	2715
Rhode Island	6	18	11	37	15	40	4	12	36	107
South Carolina	6	19	20	71	8	29	6	16	40	135
South Dakota	94	285	81	271	400	1258	35	113	610	1927
Tennessee	9	34	40	151	57	178	13	41	119	404
Texas	81	249	244	778	389	1218	201	607	915	2852
Utah	152	491	2048	7587	89	279	392	1307	2681	9664
Vermont	3	12	4	11	10	34	3	9	20	66
Virginia	11	39	29	101	37	115	11	37	88	292
Washington	529	1625	740	2208	357	1132	98	276	1724	5241
West Virginia	10	30	26	87	48	138	15	56	99	311
Wisconsin	203	655	159	517	637	2003	74	223	1073	3398
Wyoming	114	317	144	489	1569	5434	772	2567	2599	8807
Alaska	2	7	4	11	2	6			8	24
Australia	1	1							1	1
Canada	307	1004	143	490	196	653	25	75	671	2222
Canal Zone	3	11	6	18	6	22	1	2	16	53
China							1	2	1	2
Cuba	1	2			1	2	1	2	3	6
Czecho Slovakia	1	2							1	2
Siam							1	2	1	2
Haiti					1	4			1	4
Hawaii	9	24	14	45	12	37	3	11	38	117
Philippine Is.	1	4	1	5					2	9
TOTALS	7319	22793	15482	51651	17350	54472	5801	18395	45952	147311
Cars entering second trip, unclassified by states									4684	15221
Motorcycles, unclassified by states									121	159
Pre-season travel, unclassified by states									7141	21043
GRAND TOTAL ALL CARS AND PASSENGERS, classified and unclassified									57898	183734

Department of the Interior
National Park Service
Yellowstone National Park

SPECIAL MEMORANDUM FOR UTAH AND IDAHO NEWSPAPERS
Release ON RECEIPT

- -

Yellowstone Park, Wyo., August 00 -- Because of the fire hazard in Yellowstone National Park, camping will be prohibited in the Bechler River District except in two specially designated spots until further notice, according to Superintendent Roger W. Toll.

The authorized camp grounds are at the Bechler River ranger station and at Cave Falls. Special attention is called to visitors from Utah and Idaho who make this their favorite fishing haunt in the park. As soon as the danger from fires is past, other favorite camping spots will again be opened to the public, Mr. Toll said.

Special precautions urged by the superintendent include prohibition of smoking except on main highways, camp grounds and places of habitation; forbidding throwing lighted matches or burning tobacco from automobiles; and camping only on improved camp grounds at the direction of rangers. Park visitors are also asked to observe the following rules: Do not drop matches or burning tobacco where there is inflammable material. Do not build a larger camp fire than is necessary. Do not build fires in leaves, rotten wood, or other places where they are likely to spread. Dig holes or clear the ground to confine your camp fire. Extinguish all fires completely before leaving, even for a short absence.

J.H.M.

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DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK

1931 COMPARATIVE TRAVEL FIGURES WITH 1930 AND 1929
SEASON THROUGH AUGUST 15TH, 1931.

1931

	RAIL (People)			MOTOR		MISC.	TOTAL
RANCE	Hotels	Camps	Totals	Cars	People	People	People
th	1800	2535	4335	10275	31523	156	36014
t	2808	3770	#6578	16531	54347	216	61141
t	1051	1339	2390	16805	52623	117	55130
th	28	57	85	5282	16516	19	16620
ALS	5687	7701	13388	48893	155009	508	168905

1930

	RAIL (People)			MOTOR		MISC.	TOTAL
RANCE	Hotels	Camps	Totals	Cars	People	People	People
th	2980	2971	5951	10322	31297	155	37403
t	4732	4748	##9480	17441	57106	308	66894
t	1673	1764	3437	15233	48095	186	51718
th	28	5	33	5483	17567	20	17620
ALS	9413	9488	18901	48479	154065	669	173635

1929

	RAIL (People)			MOTOR		MISC.	TOTAL
RANCE	Hotels	Camps	Totals	Cars	People	People	People
h	4463	3590	8053	10729	33299	296	41648
	7766	6189	13955	17884	58666	170	72791
	2907	2408	5315	17105	55210	224	60749
h	140	132	272	5655	18030	18	18320
ALS	15276	12319	27595	51573	165205	708	193508

TRAVEL DATA

argest day's entrance travel in history of park, 6259 on July 4, 1931; vious record 4758 on July 4, 1930.
argest number of motor vehicles entering park on a single day, 1670 on July 931; as compared with 1296 on July 4, 1930, and 1082 on August 8, 1929.

TRAVEL SUMMARY

otal travel to August 15, 1931, 168905; last year, 173635; loss 4730.
otal travel for month of August to date, 38006; last year 39701; loss 1695.
ail travel for month to date, 3988; last year 5258; loss 1270.
verage daily travel this month to date, 2536; as compared with 2647 last and 3592 for 1929.
verage daily entrance of motor vehicles during month to date. 701; as compared 706 last year and 953 for 1929.
verage number of people per car this season to date. 3.17.
nion Pacific 5245; C.M.St.P.& P. 1017; Northern Pacific 316; Total 6578.
nion Pacific 7973; C.M.St.P.& P. 1198; Northern Pacific 303; Total 9480.
ish caught in Park this season to date, 76835; last year 66,524.

Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
Release ON RECEIPT 1931 Fillers--8

- -

Yellowstone Park, Wyo., August 00 -- Three young trumpeter swans born to the pair nesting in a small lake near Tower Falls are being carefully watched to see that no harm befalls them. The original brood consisted of four but one was lost. Trumpeter swans are practically extinct in America.

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Yellowstone Park, Wyo., August 00 -- Variations in the eruptions of Old Faithful this season have been almost 40 minutes apart. The shortest interval between eruptions this season was 45 minutes and the longest was 83 minutes. Ordinarily it plays about every 65 minutes.

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Yellowstone Park, Wyo., August 00 Ralph T. O'Neil, national commander of the American Legion, made a hurried visit to Yellowstone National Park recently. He was enroute to attend the state Legion convention of Montana at Miles City and the Idaho state convention at Lewiston.

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Yellowstone Park, Wyo., August 00 -- Wallace Berry, famous exactor of heavy roles in moving pictures, recently arrived at McGinn's ranch a short distance from West Yellowstone. He flew here by airplane and expects to remain several weeks. He plans to visit the park later.

H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
Release ON RECEIPT 1931 Fillers--9

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Yellowstone Park, Wyo., August 00 -- Public utility operators in Yellowstone National Park have a number of reels of motion pictures of wild animals, flowers, and natural phenomena of the park, which will be loaned free to persons interested in the scenic wonders of the park. They are ideal for lecture purposes. The film size is 16 mm. Application should be made to J. E. Haynes, authorized park photographer. He may be reached at Yellowstone Park, Wyo.

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Yellowstone Park, Wyo., August 00 -- Henry E. Williams, author and special writer for the Christian Science Monitor, spent the second week of August in Yellowstone National Park collecting material for special articles for his publication. Mr. Williams, accompanied by his family, traveled in his own car, and camped out or used housekeeping cabins.

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Yellowstone Park, Wyo., August 00 -- Visitors to the park from Europe during the third week of August included Mrs. E. N. Werthein of Holland, William Senwick of Cumberland, England, and A. Senwick of Dumfreishire, Scotland. The Senwicks were accompanied by a brother from Cleveland, Ohio.

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Yellowstone Park, Wyo., August 00 -- Yellowstone National Park boasts of seven species of trees within its area. Most common of all is the lodgepole pine, also known as jack pine. About three fourths of the park forest is composed of this tree. Less abundant are the various types of spruce, fir, cedar, aspen, cottonwood, and birch trees.

J.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
Release ON RECEIPT

Fillers
1931--10

- -

Yellowstone Park, Wyo., August 00 -- Picket-pins, or ground squirrels have built a veritable network of trails on the parade ground at Mammoth Hot Springs in Yellowstone National Park. An irrigation trench that weaves around the area is believed to attract them in search for water. Intricate as a railroad yard, these trails are as well laid out as a man-made route, following the shortest route in all cases.

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Yellowstone Park, Wyo., August 00 -- Recent visitors to Yellowstone National Park were W. H. King, U. S. Senator from Utah, Don B. Colton, U. S. Congressman from Utah, Burton French, U. S. Congressman from Idaho, and William W. Hastings, U. S. Congressman from Oklahoma.

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Yellowstone Park, Wyo., August 00 -- Tragedy recently led to the discovery of a little known animal, the Masked Shrew, in Yellowstone National Park. One of the animals was picked out of a hot spring, evidently going to its death because of poor vision. Another, the victim of a mountain weasel, was dropped alongside a trail when the weasel was frightened by the approach of a ranger naturalist.

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Yellowstone Park, Wyo., August 00 -- The spotted sandpiper in Yellowstone National Park is apparently not worried about extinction. Ornithologists have quite conclusively held that this bird never lays more than four eggs. One nesting on the banks of the Firehole River has upset this rule, however, and boasts five newly hatched young.

L.H.M.

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Department of the Interio
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
Release ON RECEIPT

1931 Fillers--11

- -

Yellowstone Park, Wyo., August 00 -- Ishmael, a year and a half old bear at West Thumb in Yellowstone National Park, is carrying a grudge against one park visitor. The visitor in question offered Ishmael a long strip of taffy. Ishmael readily grabbed it, but found to his dismay that the taffy pull that ensued rendered him practically helpless for several hours. Try as he might with tongue, claw, teeth, and snout, he could not displace the taffy that tangled itself hopelessly around him.

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Yellowstone Park, Wyo., August 00 -- Congressman W. C. Lankford of Georgia, member of the committee on irrigation and reclamation, and member of the committee on public lands, will spend several days in Yellowstone National Park early in September. Arriving at Gardiner on September 6, Congressman Lankford will confer with park officials on projects under his committees' jurisdiction.

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Yellowstone Park, Wyo., August 00 -- One of the last foreign noblemen to visit Yellowstone National Park this season will be Prince Amoradat Kridakara, a member of the royal party from Siam which has been in the United States all summer. Prince Kridakara will be accompanied by three boys, and will travel through the park incognito. They will arrive September 15 and will take the regular Gardiner-Cody tour.

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Yellowstone Park, Wyo., August 00 -- Senator W. H. King of Utah, his two daughters, and three friends were recent visitors to Yellowstone National Park, leaving by way of the South Gate for a stop at the Grand Teton National Park.

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J.H.M.

Department of the Interior
National Park Service
Yellowstone National Park

EMORANDUM FOR THE PRESS
elease ON RECEIPT 1931--140

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Yellowstone Park, Wyo., August 00 -- Apparently satisfied that a three onth's vacation was enough, the Giant geyser, largest and most magnificent n the world, went into an eruption at 3:50 p.m., Saturday, August 22.

Just three months to a day after its last eruption on May 22, the Giant argled into activity and sent its spout of water for 250 feet into the air, ile between 700 and 1,000 visitors watched in complete awe. After its long eriod of inactivity the Giant fulfilled all expectations by playing for an our and a half. Its first ten minutes of spouting was at its greatest eight, but throughout its play it shot the huge column of water fully 200 eet into the air.

Ranger naturalists believe that the crowd that witnessed the eruption is time was the largest that has ever been fortunate enough to see this rvel. Several large hiking parties were on the geyser hill, and one large oup was stationed at the Daisy geyser awaiting its play.

One of the most unusual sights ever witnessed on the geyser basin was e simultaneous eruption of the Giant, the Daisy, and Old Faithful. Visitors, anding beside the Giant, had but to glance along the geyser hill to see ld Faithful in play, or look backwards to see the Daisy in full eruption.

"Geyser Bill", watchdog of the Upper Geyser Basin, was the first to see e Giant play. Earlier in the day he had inspected the huge cone, and from s bubbling activity, he predicted that an eruption was due. He camped right the spot all day until the prediction came true.

.I.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
Release ON RECEIPT 1931--139

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Yellowstone Park, Wyo., August 00 -- Believing that visitors to a land of mountains should be mountain climbers, ranger naturalists at Madison Junction in Yellowstone National Park are developing an ambitious program of Alpine activity.

Three lofty peaks rise up from the valley at Madison Junction where the Gibbon and Firehole rivers meet to form the Madison River. Four miles away is the huge Purple mountain, 9,200 feet high. This was the first one to be scaled by a party of visitors guided by a naturalist. Here a splendid view of the Teton Mountains, Mount Holmes, Mount Washburn, Mount Sheridan, the Red Mountains, Firehole Lake and the Lower Geyser Basin is assured.

A two mile hike, most of it skyward, brings one to National Park mountain, another strategic point from which to view the other notable features of the park. Haynes mountain, a sheer jutting peak that looms majestically over the Madison river, is the third objective of these hiking parties. Visitors may choose to climb any one of the three peaks, each of which offers something different in the way of unusual views or glimpses of wild life.

Four major divisions of study and observation are offered to the participant in these hikes. A study of animals, particularly deer and elk, is offered with specimens in their natural setting. Ruffed grouse can readily be seen from the trail. A study of trees, plants and flowers is also part of the trip, as is a closeup study of birds. Finally the geologic formations, showing the various kinds of volcanic rocks, rhyolite and obsidian, offer educational features as well as pleasure.

J.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
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Yellowstone Park, Wyo., August 00 -- They call him "Geyser Bill," but he might as well be known as Thomas Ankrom, B. G., bachelor of geysers. He's the watchdog of the geyser basins in Yellowstone National Park, and spends his time observing geyser activity, regularity, peculiarity and their unique pranks.

"Geyser Bill" eats, sleeps--in fact lives with the geysers in the park from the first of June until the last of September each year. He's almost as regular in his study as Old Faithful is in its eruption. And he does all his observation and study for the sheer love of it.

A retired army master sergeant now hovering close to the sixty year mark, "Geyser Bill" might well be considered a "rolling stone", but he's one that gathers plenty of moss. Wherever he roams, he studies the peculiarities of nature about him. Most of his wanderings take him to national parks and monuments. He is especially interested in cliff dwellers and dwellings, and is known as an authority on the subject. His winters are spent in warmer climates, and his summers in Yellowstone. This winter he plans to spend in Washington, D. C., in libraries where material on geysers and thermal activity can be found that exists nowhere else.

From early spring to late fall, "Geyser Bill" lives in his own car right near the geysers. His car is arranged specially for the development of films, and the pictures of geyser activity that he takes never leave his hands. He allows no one to touch his negatives, but prints them all himself. For 16 hours a day he can be seen making the rounds between geysers and pools, studying each one intently, jotting down notes on them, or photographing them while in eruption.

- 0 0 0 - J.M.M.

Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
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Yellowstone Park, Wyo., August 00 -- Newest of the man-made attractions of Yellowstone National Park is the museum at Fishing Bridge on Yellowstone Lake. With all construction work complete, the work of placing specimens is rapidly going forward, and although all exhibits are not yet placed, the museum is open daily to visitors.

Following closely the ideal of the American Association of Museums which calls for exhibits, specimens, and explanations of the natural history and phenomena right at the seat of the greatest interest, this museum features the peculiar history of Yellowstone Lake, the bird life around the lake, the plant and animal life near the lake, and the geology of the area.

With four large spacious rooms, this museum is considered the most attractive of the five in the park. In the center of the large building is bird hall. Yellowstone Lake has the largest bird population in the park, and this room is attractively arranged to give the visitor a splendid opportunity to study the birds at close range. Emphasis is placed on four types of birds, the duck family, the waders, the pelicans, and the gulls and terns.

Under the direction of Dr. E. J. Raisz of Columbia University, the geology rooms have been arranged to show graphically the six stages of development in the lake region. Specimens of the various rock formations are right at hand. A third exhibition room will contain specimens of plant and animal life of the lake, featuring two large museum groups under artificial light. A reading room completes the setting. Outside is a large amphi-theater which will seat 750 people, where lantern slides and moving pictures can be shown. Daily lectures will be held here before a campfire. Herbert Maier was the architect for the building.

- 0 0 0 - J.H.M.

Department of the Interior
National Park Service
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MEMORANDUM FOR THE PRESS
Release ON RECEIPT 1931 Fillers--11

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Yellowstone Park, Wyo., August 00 -- Ishmael, a year and a half old bear at West Thumb in Yellowstone National Park, is carrying a grudge against one park visitor. The visitor in question offered Ishmael a long strip of taffy. Ishmael readily grabbed it, but found to his dismay that the taffy pull that ensued rendered him practically helpless for several hours. Try as he might with tongue, claw, teeth, and snout, he could not displace the taffy that tangled itself hopelessly around him.

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Yellowstone Park, Wyo., August 00 -- Congressman W. C. Lankford of Georgia, member of the committee on irrigation and reclamation, and member of the committee on public lands, will spend several days in Yellowstone National Park early in September. Arriving at Gardiner on September 6, Congressman Lankford will confer with park officials on projects under his committees' jurisdiction.

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Yellowstone Park, Wyo., August 00 -- One of the last foreign noblemen to visit Yellowstone National Park this season will be Prince Amoradat Kridakara, a member of the royal party from Siam which has been in the United States all summer. Prince Kridakara will be accompanied by three boys, and will travel through the park incognito. They will arrive September 15 and will take the regular Gardiner-Cody tour.

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Yellowstone Park, Wyo., August 00 -- Senator W. H. King of Utah, his two daughters, and three friends were recent visitors to Yellowstone National Park, leaving by way of the South Gate for a stop at the Grand Teton National Park.

- 0 0 0 - J.H.M.

Department of the Interior
National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., August 00 -- Designed to add to the pleasure and profit of visitors to Yellowstone National Park, five museums are now open every day and evening. With the completion of the latest attraction at Fishing Bridge on Yellowstone Lake, the complete history of Yellowstone Park is now shown in its museums.

Oldest of the five is the Mammoth museum. This shows by thousands of specimens the unique history of the park, with special attention given to the Indians that crossed this area or came to Obsidian cliff for glass to be used as weapons. Early explorers and discoverers of park phenomena are represented here. Besides this, the Mammoth museum boasts the largest collection of birds and animals in national park museums.

A history and record of thermal activity is furnished at the Old Faithful museum. Here one can study under a microscope the structure of all the various rocks in the park, as well as the algae that inhabit the heated water areas. An outdoor amphi-theater adjoins the museum. Here nightly illustrated lectures are given.

Norris museum has one of the most unique exhibitions of bird and animal life of that region. Beautiful color and shadow effects are given by the photographic displays. An exhibit of volcanic, geyser and hot springs activity is also shown here. Fishing Bridge museum features the peculiar history of Yellowstone Lake, which one time had an outlet to the Pacific ocean and now empties into the Atlantic. The museum at Madison Junction deals chiefly with historic features of the park.

Each museum is in keeping with its particular region, both in architectural qualities and in the exhibits it offers.

J.H.M.

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Department of the Interior
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MEMORANDUM FOR THE PRESS
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Yellowstone Park, Wyo., August 00 -- Yellowstone National Park is still holding firmly to its reputation as one of the greatest refuges for wild animals in the world. Despite the combined hostility of predatory animals, poachers, disease and severe winters, wild game in the park is more than holding its own. In many instances notable increases are observed among several of the species each year.

Game counts are conducted monthly during the winter months when the animals come down to lower altitudes to escape the severity of the storms on the heights.

Actual counts for 1931 show that the park provides a home for 646 antelope. These animals are on the increase, and losses during the winter were only 14, 3 of which were killed by predatory animals. An actual count of buffalo in the Lamar herd showed 1182 animals, while about 35 head are estimated to be in the mountain herd. This figure coupled with the 250 calves estimated to have been born this year bring the park's buffalo count to nearly 1,400.

Mountain sheep are estimated to number 150, based on an actual count of 101. These animals are difficult to count, however, because many of them do not come down from the heights during the winter. An accurate count on moose has not been possible for two years, but the estimated number is 700. Elk are estimated as 10,600, based on two separate counts. An actual count of 76 mule deer was made last winter, with an estimated number of 800.

Grizzly bears are estimated at 167, with 490 black bears set as the main population of the park.

H.M.

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Department of the Interior
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Yellowstone Park, Wyo., August 00 -- "There's no accounting for tastes," says George Baggley, chief ranger of Yellowstone National Park.

With scores of inviting camping spots in the park located in all the attractive points of interest, a Kansas party recently drove up in front of the Mammoth Hotel, cast several appreciative eyes over the huge parade ground in front of the building, and decided to camp there.

This parade ground is a large flat space, kept green and attractive by frequent sprinkling and mowing. Without further ado, members of the party began to unload. Pots and pans, blankets and milk bottles, baked ham and crackers--every conceivable article that goes with a camping outfit came out of the bags and boxes strapped to the fenders. In a few minutes the party was ready to start preparations for a meal. Where to get wood--that was the first problem. The ground was as barren of fuel as a glass bottom boat.

While they were conjecturing as to their next move, their problem was solved by park rangers. Tactfully but earnestly they were told that this was not a camping ground. Greeted with a blank look that might have meant amazement or disappointment, the rangers proceeded to direct them to several possible camping grounds, everyone of which was more attractive.

Pots, pans, and jelly-roll once more found their way into the car, and the party was off to find a new temporary home.

J.H.M.

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Department of the Interior
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Yellowstone Park, Wyo., August 00 -- To make all visitors to national parks see things with an artist's and scientist's mind and eye--that is the ideal toward which the educational department of the National Park Service is striving. Such was the message brought to Yellowstone Park visitors recently by Dr. Harold C. Bryant, assistant director of the National Park Service in charge of educational activities.

Addressing two large audiences, one at Old Faithful and one at Mammoth Lodge, on the theme, "Nature, the Supreme Schoolteacher and Master Textbook", Dr. Bryant urged a closer study of the wonders of the nation's parks.

"Life is an adjustment to physical, mental and spiritual environment," he declared. "How well do we attempt to fit into that environment?" he queried. "Through the inspirational guidance of educational work in the parks we seek to find a higher use for these beautiful creations of God."

With this introduction as a keynote, he proceeded to illustrate his points by colored slides of scenes from a great many national parks. Scenes from Yellowstone, Yosemite, Mount Rainier, Mesa Verde, Zion, Bryce, Grand Canyon, Glacier, Carlsbad, and Acadia National Parks were shown and explained.

Speaking at Old Faithful on the evening of August 17, Dr. Bryant attracted between 1,000 and 1,200 listeners. More than 500 persons attended the lecture at Mammoth on August 20.

J.H.M.

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Department of the Interior
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Fillers
1931--10

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Yellowstone Park, Wyo., August 00 -- Picket-pins, or ground squirrels have built a veritable network of trails on the parade ground at Mammoth Hot Springs in Yellowstone National Park. An irrigation trench that weaves around the area is believed to attract them in search for water. Intricate as a railroad yard, these trails are as well laid out as a man-made route, following the shortest route in all cases.

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Yellowstone Park, Wyo., August 00 -- Recent visitors to Yellowstone National Park were W. H. King, U. S. Senator from Utah, Don B. Colton, U. S. Congressman from Utah, Burton French, U. S. Congressman from Idaho, and William W. Hastings, U. S. Congressman from Oklahoma.

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Yellowstone Park, Wyo., August 00 -- Tragedy recently led to the discovery of a little known animal, the Masked Shrew, in Yellowstone National Park. One of the animals was picked out of a hot spring, evidently going to its death because of poor vision. Another, the victim of a mountain weasel, was dropped alongside a trail when the weasel was frightened by the approach of a ranger naturalist.

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Yellowstone Park, Wyo., August 00 -- The spotted sandpiper in Yellowstone National Park is apparently not worried about extinction. Ornithologists have quite conclusively held that this bird never lays more than four eggs. One nesting on the banks of the Firehole River has upset this rule, however, and boasts five newly hatched young.

W.H.M.

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Yellowstone Park, Wyo., August 00 -- A lesson in economic utility was furnished to Yellowstone Park ranger naturalists recently by a little black wasp.

From a post used to hold up his tent, Ranger Naturalist P. H. Pope extracted a nine penny nail, leaving a hole almost an inch deep. The next day a black wasp was seen hovering near, and under the watchful eye of the naturalist, was seen to disappear neatly into the nail hole.

"At once I recognized a homesteader in the shape of one of the solitary wasps," says Mr. Pope, "and sure enough, within two days the hole was filled and plugged smoothly with mud, flush with the surface of the wood. The wasp had proved-up on her claim and has not been seen since."

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Yellowstone Park, Wyo., August 00 -- Beaver have more troubles than those afforded by dry marshes and swamps, Miss Herma Albertson, Junior Park Naturalist of the Yellowstone National Park, believes. Recently along the Yellowstone River near Tower Falls, she observed one who attracted her attention because of his sleepy inactivity and apparent disregard of her presence. She soon discovered that he was nearly a physical wreck, with a large three-cornered tear in his flat tail and several patches of fur torn from his back. Either an encounter with an otter or bear is believed to have been responsible for his abject appearance.

J.H.M.

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Yellowstone Park, Wyo., August 00 -- Apparently the hospitality of hotels and lodges in Yellowstone National Park is not limited to men, women, and children. Birds seem to take kindly to these hostelries and are not at all averse to making their homes under the same roof with the people who are guests there.

Under the long, low-hanging porch of Old Faithful Inn a swallow is serenely going about her domestic problems of bringing up her family of four "swallowettes". So satisfied is she with her home, under the huge lodge-pole pines that make up the rafters of the porch, that she has brought up two families there. Last summer she built her nest there with the aid of Papa Swallow and this year they returned again.

A brood of robins, just in the stage where they are being taught the rudiments of flying, are receiving daily lessons at Mammoth Lodge. They had their first lesson when they were shoved out of their nest in the roof of the lodge porch recently. With determination and rudeness the mother bird forced her four young ones to take their first aerial lesson, and although they landed rather solidly on the concrete below, they learned to soften their descent by using their wings.

A family of robins, and another family of mountain bluebirds prefer the porch of the Mammoth Hotel. Their nests are a source of constant interest to visitors, especially now during the "school-day" sessions for the young birds.

J.H.M.

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Yellowstone Park, Wyo., August 00 -- Sagebrush is fighting a courageous but losing battle with trees in Yellowstone National Park, according to Dr. W. B. McDougall, senior ranger naturalist. Although the time is still far distant when sagebrush will be entirely extinct in the park, Dr. McDougall points out that under favorable weather conditions pine trees will continue to make inroads on the sagebrush and replace the stunted bushes with more attractive evergreen.

Sagebrush is unable to grow in the shade of trees, so that once trees gain possession of land and survive the period of germination and the first year of the seedling stage, they will supplant the sagebrush.

Principal difficulty encountered by the young trees is the problem of securing enough moisture. So great is the loss of water by evaporation in areas infested by sagebrush that the seedling trees cannot endure it, unless they have some protection, except in wet years. Anything that will serve to break the wind and thus reduce the evaporation rate aids the trees in getting a start, Dr. McDougall points out.

Curiously enough the young trees are often found to take advantage of the sagebrush itself in this respect, growing close enough to the sagebrush plant so that protection and a check on evaporation is given by the sagebrush to the seedling tree. Boulders also act as a windbreak and aid tree growth.

J.H.M.

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Yellowstone Park, Wyo., August 00 -- Wild animals in Yellowstone National Park are encouraging early morning and late evening travel. Not because of choice does the traveler awake with the sun and venture out on the highways at dusk, but it is because at this time he is most likely to encounter large wild game near the roadways.

One of the most popular haunts of wild animals is Mount Washburn. Here as many as 32 mountain sheep have been seen at one time. In this band were seven lambs, sixteen ewes and nine rams. Only one ram roamed with the rest of the herd, while the other eight banded together in one group.

As many as 225 elk have been seen in a group feeding in the meadows southeast of the mountain. At almost any time small groups or single animals can be seen about the mountain. More than 12,000 elk inhabit the park.

Moose, while less numerous than elk, can be seen at a great many points in the park. Dunraven Pass, Willow Park, which is about seven miles from Mammoth, Sylvan Pass, the cut-off between Norris and Canyon Junctions and the area near the South Gate are popular browsing spots for the huge moose.

Antelope are usually feeding in the cultivated fields inside the North Gate, and small bands numbering from ten to twenty may be seen in the meadows near Tower Falls. Deer are prevalent near Norris Ranger station and in Elk Park. A mountain red fox is making his home on the western slope of Mount Washburn, where the coney or pika may also be found.

J.H.M.

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Yellowstone Park, Wyo., August 00 -- Eight hundred different printed forms, from the huge placards that warn against feeding and molesting the bears to the small red ticket that entitles one to a meal, represent the handiwork of Joe Bill, printer extraordinary of Yellowstone National Park.

Joe, who has a hard time convincing people that his name is bona fide and not a pseudonym, presides over the little print shop in back of Mammoth hotel, and there he produces everything from baggage tags to Fourth of July program placards. He can be found in his office anytime from April 15 to October 1, surrounded by stacks and stacks of printed forms.

Proud of the two, three and four color jobs that he has turned out in his shop, Joe keeps a scrap book filled with mementos of years gone by. Prominent in this scrap book is a wine and liquor list that graced the tables of buffets and bars in pre-prohibition days. A nice two-color job it is, too, but as antiquated now as the hoop skirt.

Two job presses, about a hundred cases of varied type sizes and families, a large paper cutter and thousands of reams of paper give the shop a real commercial appearance. However it is maintained solely for the park hotels, lodges, transportation line, and public utility operations.

Among his many enterprises, Joe recounts his entry into the publishing business. A weekly paper, The Yellowstone Cub, and The Mammoth Annual Review are publications of former years.

J.H.M. - 0 0 0 -

Department of the Interior
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Yellowstone Park, Wyo., August 00 -- Rancher deluxe--that's Uncle Sam. He's getting ready to feed in Yellowstone National Park 2,000 animals this winter. Unlike most ranchers, however, Uncle Sam's animals are all wild. Buffalo, elk, antelope and deer rely on him to provide food for them when deep crusted snow makes it impossible for them to forage for themselves.

To provide for these animals, haying activity has occupied a large staff of government employees during the first few weeks in August as well as the latter part of July. Approximately 715 tons of hay will be cut and stacked in the park before the work is done. Most of this is taken from the Buffalo ranch and the Slough Creek ranches, although Yancey's ranch, the Gardiner ranch and the Game Preservation ranch furnish considerable food also.

Last year 739 tons of hay were fed to the wild animals of the park. This was supplemented by 40 tons of cottonseed cake, which because of its large protein content makes a good food for the wild game. Much of the cottonseed cake is fed to buffalo calves, although the adult bison utilize some of it. Cottonseed cake feeding was an innovation in the park last winter, and its success warrants its continuation this year, the chief ranger's office reports. For the first time last year mountain sheep were also fed a mixture of hay and cottonseed cake.

Feeding usually begins in December after the heavy snows set in. Last year about 1,000 buffalo were regularly fed, between 600 and 700 elk daily, about 200 antelope and the same number of deer. Approximately the same number will be in the government "breadline" again this winter, the rangers believe.

J.H.M.

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Yellowstone Park, Wyo., August 00 -- Wind and water, nature's two most competent and industrious sculptors, have made the Shoshone Canyon one continuous gallery of statues. This canyon leading to the east entrance of Yellowstone National Park is one of the most picturesque and unusual in the world.

Composed principally of red volcanic rock, it has been worn and cut by erosion into countless fantastic shapes. Sharp pinnacles and crags stand as silent sentinels along the roadway that winds through the canyon.

Each year brings the discovery of new figures and new pictures in this brick-red canyon. Only the most famous formations have been designated by signs placed there by the Forest Service. Others challenge the eye of the visitor for discovery.

Among the most prominent fantastic formations is the Holy City, which seems to be a reproduction of the famous Biblical Jerusalem. Low round-topped huts set beside angular formations give the group the appearance of a well planned community. Chimney Rock, a tall narrow spire more than 50 feet in height is another great attraction. Window Rock, a large rock the center of which is hollowed out, is also famous, because directly back of it, a small evergreen tree is perfectly framed in the hole in the rock.

Other famous formations include Clock Tower, Dead Indian, Elephant's Head, Duck, Maimed Hand, Pinnacle Point, Wooden Shoe, Setting Hen, Henry Lord, Cathedral Spire, and Marshall Foch.

H.M.

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Yellowstone Park, Wyo., August 00 -- After three years spent in the United States and Canada, Adolph Fassnacht, portrayer of the role of Christ in the Freiburg Passion Play, is getting ready to sail back to Germany. However, since his last month in the U. S. will be spent entirely in the east, he recently availed himself of the opportunity of visiting Yellowstone National Park before leaving the west.

"Yellowstone Park has about it so many qualities of the unusual, the mysterious coupled with beauty that I did not wish to leave this country without again visiting it," Mr. Fassnacht declared while in the park. He visited this region in 1930, while on a western tour.

Coming directly from the Pacific Coast where the Freiburg Players have had several long engagements during the summer, Mr. Fassnacht, accompanied by his wife and her sister, swung into the park and covered the loop before joining their company in Billings, Montana, where they were scheduled to play on August 19.

Mrs. Fassnacht portrays the role of Mary, mother of Christ, in the Freiburg production. The company of 35 players, members of the original German production, has played all the important cities in the United States during their three year stay here. This year their tour took them through many cities where they had played before, and the vast crowds that attended their performance attested to their popularity.

After a series of performances in the East and in Canadian cities, the company will leave for Germany about November 1.

.H.M.

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Department of the Interior
National Park Service
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Yellowstone Park, Wyo., August 00 -- Completing a 60 day tour of investigation of Interior Department projects, William W. Hastings, U. S. Congressman from Oklahoma and member of the Subcommittee on Appropriations for the Interior Department, recently combined business with pleasure in visiting Yellowstone National Park.

Arriving in the park on August 16, after the committee completed its work in the Jackson Hole, Congressman Hastings continued his study by conferring with Roger W. Toll, park superintendent on the needs of Yellowstone Park. Other members of the committee who came only as far as The Teton National Park were Congressmen Frank Murphy of Ohio, acting chairman; Edward T. Taylor of Colorado, and Burton L. French of Idaho.

During their two month's study, members of this subcommittee of the regular appropriations committee of the House visited a great number of the many projects under the jurisdiction of the Interior Department. Among these departments are the General Land Office, the Bureau of Indian Affairs, the Reclamation Service, Territories, and the National Park Service. Their survey took them to Alaska where they made a detailed study of that territory's needs. Almost half of the total appropriations made for Alaska are recommended by his committee, Mr. Hastings said.

Horace W. Albright, Director of the National Park Service, accompanied the committee on most of the trip, but was forced to remain in Alaska, where it was necessary for him to undergo an operation for appendicitis.

T.H.M.

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Department of the Interior
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MEMORANDUM FOR THE PRESS
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Yellowstone Park, Wyo., August 00 -- Just another fish story, that's true. But to Charlton Thompson, prominent attorney of Covington, Ky., this is an unusual and outstanding event in his life.

It concerns a record-breaking feat in Yellowstone National Park, the distinction of landing the biggest fish caught this season in Yellowstone Lake. Mr. Thompson tried his luck there about the middle of August and landed a 23 inch trout weighing more than four pounds. This is considered an exceptionally large trout to catch anywhere.

So enthusiastic was Mr. Thompson after his record catch that he spent an entire week at Yellowstone Lake in pursuit of the native or cutthroat trout.

"This is the greatest fishing place I've ever seen," was Mr. Thompson's comment. However, praise the lake as he might, he could not duplicate his success of the first day.

It was Mr. Thompson's first trip west, and he assured park officials that he'd make regular sojourns here after this. Mrs. Thompson accompanied him on his visit here.

Although Yellowstone Lake and the Fishing Bridge outlet are the most popular fishing spots in the park, splendid catches have been reported at other points in the park. One of the best of these is Seven Mile Hole, a spot in the Yellowstone River below the great falls of the canyon. It is accessible only by horseback, and here fishermen report catches consistently large in number and size. The Lamar River in the northeastern part of the park is another favorite fishing haunt.

.H.M.

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Yellowstone Park, Wyo., August 00 -- Not content with the distinction of having a language all of their own, "savages" in Yellowstone National Park pride themselves on the fact that they have a group of songs that belong distinctly to the park.

"Songs of the Yellowstone Park Camps" is the little booklet that contains all the park songs, more than 100 of them. It is published by the Yellowstone Park Lodge and Camps Company, and thousands of copies are in use each night by guests of the lodges. In it can be found every type of song from the sweet bit of sentimentality to the rollicking tunes favored by the sailors or boys on the march.

"If you feel like sighing--sing" is the keynote of the park songfests. These group singing periods are a tradition at all park lodges, having been established for many years. Each evening between 8:00 p.m. and 8:30 all the guests are gathered together in one community room, and under the direction of a "song wrangler" they forget all about sunburn and dust while they give themselves lustily to a half hour of warbling.

Competition and rivalry between the six park lodges are exceptionally keen. Each lodge has several songs adapted to its own surroundings, lauding its own lodge, the "savages" employed there, the hospitality, cuisine and anything else deemed worthy by the composer.

A large share of the songs have been composed by employees over a period of ten years. Many of them are parodies on famous songs known to almost every visitor.

J.H.M.

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Yellowstone Park, Wyo., August 00 -- Although entries into Yellowstone National Park by private automobiles showed a six percent increase toward the middle of August, total travel fell slightly behind the 1930 figures since the peak established on July 4. For several weeks after this record-shattering day, total travel remained ahead of last year, but a steady dropping off now shows a total decrease of 4,730 visitors over last year.

Entries for the first half of August totaled 38,006, for an average of 2,536 entering each day through the four gateways of the park. This compares with a total for the same half-month last year of 39,701 or a daily average of 2,647, according to figures released by the chief ranger's office.

Total travel for the season up to August 15 is 168,905 as compared with 173,635 for last year. Rail travel has shown the most surprising decrease during the first two weeks in August, dropping to 3,988 persons as compared with 5,258 last year, a decrease of 1,270.

Automobile visitors are coming in practically the same numbers, the daily average for cars entering the park during the half-month falling only five below last year. So far, 701 cars have entered daily while last year the average was 706. The average number of persons per car is 3.17.

Fishing continues to be a favorite pastime for park visitors with the catch much larger than last year. Total fish caught this season number 76,835 as compared with 66,524 last year.

J.H.M. - 0 0 0 -

Department of the Interior
National Park Service
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Yellowstone Park, Wyo., August 00 -- The parade of the American farmer into Yellowstone National Park goes on. Thousands of farmers each year make their pilgrimage to this land of wonders, but this year seems to be a record season for organized farm tours.

Beginning with the Prairie Farmer group which came into the park on June 16, before the season really opened, there has been a steady succession of agricultural groups entering the park. The first party numbered 144 visitors.

Maintaining their record for bringing in the largest groups, the farm parties were particularly numerous during the first half of August. The Pennsylvania Farmer party, known as the Three Nations Tour, holds the record for the season with 211 persons in a body touring Yellowstone. In this group were farmers from Pennsylvania, New York, Maryland, Delaware, New Jersey, and West Virginia.

There have been farm parties from Wisconsin, Illinois, Indiana, Nebraska, Minnesota, Iowa, and Kansas. A special group organized under the banner of the Minnesota farm bureau, numbering 75 persons, was an early arrival in the park. Eighty-nine Michigan farmers under the sponsorship of a Michigan agricultural magazine spent four days here early in August. They were closely followed by two groups of Ohio farmers, then a body of 100 farmers under the sponsorship of Successful Farming, another farm journal. The latest group numbering 50 persons is traveling under the banner of the New England Homestead.

J.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
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Yellowstone Park, Wyo., August 00 -- The old rule that a man biting a dog is news seemed almost to have been equaled here in Yellowstone National Park. What was thought to be a man showed carniverous tendencies in an encounter with another man.

A male visitor to the park retired early on the night of August 11 to his housekeeping cabin at the Grand Canyon of the Yellowstone. Scarcely had he nestled comfortably under the blankets when he heard a noise that seemed to come from his car outside. Rising hastily he approached the car, and heard more distinctly the rattle of tools and packages in the car.

He approached the car quietly, certain that he would apprehend a thief in the act of stealing tools from his car. He reached into the car to grasp the intruder. Instead of getting a grip on him, he found his own arm in a vice-like grip. Not content to hold him, the marauder proceeded to scratch and bite the owner of the car.

It didn't take the car owner long to find out that his opponent was not a man, but a husky black bear. Mr. Bruin had been leisurely investigating a small package of food in the car and he resented this interference. A slight tussle ensued, but the man readily granted the bear his supremacy.

J.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
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Yellowstone Park, Wyo., August 00 -- Watching beaver at work is ordinarily a privilege afforded only to one who exerts great patience and much time in scouting the areas they inhabit. However, at Yellowstone National Park, it is a simple matter to observe closely the intricate engineering work done by these busy inhabitants of ponds and creeks.

One is almost certain to see beaver at work between 5 and 7 p.m. A favorite spot to observe them is on the Old Gardiner road about two and one-half miles from Mammoth. At this point beaver have constructed a series of 13 dams, and are constantly at work building new huts and repairing the old ones. One of the most interesting sights is to see them drag poles from the side of Sepulchre Mountain which rises steeply from the low points near the Gardiner River.

An unusual sight is the presence of beaver in the Gardiner river. Here, despite the fact that the rush of the water is swift, they have been seen playing about in the water. Several families of beaver can also be observed near Obsidian Cliff. Tower Falls, which once was a popular spot for beaver, does not report much activity on their part this season.

Although it is impossible to get an accurate count of the total number of beaver in the park, the chief ranger's office reports that the number is unusually large this year.

.H.M.

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Department of the Interior
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Yellowstone Park, Wyo., August 00 -- Mammoth Hot Springs, the little community that serves as headquarters for Yellowstone National Park, again has its own little pet. Until early this summer "Barney", a tiny cub bear, served as the community's idol, but he's now in the Grand Teton National Park.

Hansi, a shiny black raven, is the newest darling of the park employees. Hansi is only three months old, having been found when only a few weeks old. Ludwig von Fuehrer, taxidermist for the park museums, found him when he dropped out of his nest and seemed on the way to early destruction. He was discovered in the woods near the Natural Bridge, a short distance from Yellowstone Lake. Mr. von Fuehrer promptly christened him and took him to his tent at Fishing Bridge.

Early traits exhibited by Hansi showed him to be a most personable fellow. His favorite trick is to hop on the shoulder of his friends and beg for food. Another stunt of his is to act as an alarm clock for his friends. With the break of dawn he rouses himself and makes the rounds of his friends' homes, pecking industriously at their windows until they get up to feed him.

Hansi is fast becoming known as an imitator, Mr. von Fuehrer says. He delights in imitating the meow of a cat and the howl of a dog, even though his imitation is done in a guttural croak. Mr. von Fuehrer rates the raven as the cleverest and wisest of birds.

J.H.M. - 0 0 0 -

Department of the Interior
National Park Service
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Yellowstone Park, Wyo., August 00 -- Something new in the way of charivaris was demonstrated here recently by park employees to celebrate the wedding of Peter Hoffman, inspector for the Yellowstone Park Transportation Company, and Miss Audrey Kurtz, telephone operator at Mammoth Hotel.

Surrounding the newly wedded couple, the serenading party captured them and led them to a bear cage used to transport unruly bears to distant parts of the park. Having imprisoned the newlyweds in the cage, the party organized a huge parade around the loop at Mammoth Hot Springs, then to Mammoth Lodge and on to Gardiner, Montana, the northern entrance.

Here, after "Polarine Pete", as the bridegroom is known, expressed his desire to pass the cigars, the couple was released and returned to Mammoth in the wake of tooting horns, sirens and the vocal seranade of their fellow employees.

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Yellowstone Park, Wyo., August 00 -- A cousin of Enrico Caruso, late great operatic tenor, has a different way of spreading joy to his fellowman from that employed by his famous relative. Thomas Caruso, 300 pound smiling Italian from Los Angeles, says it with pies. He's the pastry chef at Mammoth Hotel.

"I don't sing no song," he says, "but I maka vera good apple pie."

L.H.M.

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Department of the Interior
National Park Service
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MEMORANDUM FOR THE PRESS
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Yellowstone Park, Wyo., August 00 -- Three young trumpeter swans born to the pair nesting in a small lake near Tower Falls are being carefully watched to see that no harm befalls them. The original brood consisted of four but one was lost. Trumpeter swans are practically extinct in America.

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Yellowstone Park, Wyo., August 00 -- Variations in the eruptions of Old Faithful this season have been almost 40 minutes apart. The shortest interval between eruptions this season was 45 minutes and the longest was 83 minutes. Ordinarily it plays about every 65 minutes.

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Yellowstone Park, Wyo., August 00 Ralph T. O'Neil, national commander of the American Legion, made a hurried visit to Yellowstone National Park recently. He was enroute to attend the state Legion convention of Montana at Miles City and the Idaho state convention at Lewiston.

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Yellowstone Park, Wyo., August 00 -- Wallace Berry, famous enactor of heavy roles in moving pictures, recently arrived at McGinn's ranch a short distance from West Yellowstone. He flew here by airplane and expects to remain several weeks. He plans to visit the park later.

J.H.M.

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Yellowstone Park, Wyo., August 00 -- A sight unusual even to students of wild life greeted a party of visitors while on a hike over the nature trail at Old Faithful recently. Led by Frank Oberhansley, senior ranger naturalist at Old Faithful, the group had been discussing the standing feud that exists between squirrels and chipmunks in Yellowstone National Park.

Suddenly from behind a bush they saw a mother squirrel emerge. She was carrying a smaller animal, and the entire group was on the verge of accusing the pine squirrel of carnivorous habits, thinking it was a chipmunk she had in her mouth. The naturalist ran toward the squirrel forcing her to drop the animal she was carrying. It was found to be a half-grown baby squirrel, his eyes still unopened.

After making sure that no harm was coming to the youngster, the mother squirrel again picked him up by the nape of the neck. With his head tucked between her fore limbs, the little fellow instinctively reached up and grasped his mother around the neck with his forefeet, while he clung to her cheeks with his rear feet and encircled her neck with his tail.

So unusual was the sight that the ranger naturalist determined to find out why the mother squirrel was moving her young in broad daylight. It was discovered that the little fellow was badly infested with fleas.

"Wood folk find it more convenient to move to new homes than clean the old," is the way Mr. Oberhansley sums it up.

J.H.M.

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Department of the Interior
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Yellowstone Park, Wyo., August 00 -- Whereas riding the falls is an adventurous sport at Niagara, flying the falls is the apex of thrills in the Grand Canyon of the Yellowstone River. However, it is limited to birds alone. The osprey and raven are regularly observed swooping over the two gigantic falls in the canyon.

Speculation has arisen as to whether the raven is cowardly or merely cautious, and whether the osprey is bold and daring or simply foolhardy. This question has come about from observing the widely different methods employed by these two birds in flying over the falls. Lower Falls, 308 feet high, is about 2,000 feet north of Upper Falls, which is 109 feet high. Osprey and raven frequently wish to fly from the foot of Lower Falls to the region of the Upper Falls. To do so they must fly over the roaring, swirling Lower Falls.

As the raven sets out on this mission, he clumsily wings his way back and forth across the canyon, weaving in and out until he has attained an altitude sixty or seventy feet above the crest of the Lower Falls. To insure even greater safety, he invariably hugs the sloping left wall of the canyon.

Dean T. Cornwall, ranger naturalist at the Canyon who made the observations, declares that the osprey's passage over the falls is quite the opposite. With graceful movements of his long slim wings, taking advantage of every current of air, he glides gracefully upward, wastes no distance as he swoops over the very center of the crest of the falls just a few feet from the water. Is it cowardice and confidence or caution and foolhardiness, naturalists wonder.

W.H.M.

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Yellowstone Park, Wyo., August 00 -- Bird life on Molly Island in Yellowstone Lake, famous as a breeding ground for pelicans and California gulls, is on the increase, a recent survey shows. Observations by J. T. Stewart, Jr., ranger naturalist, when compared with observations of a year ago show a decided increase in adult gulls, a fair increase in young gulls and adult pelicans.

Adult pelicans number between 250 and 300 according to the latest estimate, while the 1930 count placed them at 200. Adult gulls are now believed to total between 700 and 1,000 whereas a year ago only 400 were believed to inhabit the island.

Four adult Baird cormorants and two nests containing four eggs were found on the island, whereas last year only two adults were noted. Gull nests discovered this year numbered 23 with between one and three eggs in each one. It is quite likely that many more nests are located on the island, but are better hidden.

Other interesting birds found on the island this year were 12 adult Caspian terns, two common terns, three avocets and 10 kildeer plovers.

F.H.M.

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Yellowstone Park, Wyo., August 00 -- Known as the smallest geyser in the world, the Tom Thumb Geyser, after a vacation of more than a month's duration, has again come to life. Not to be outdone by the Splendid and Whistler, two geysers that have come out of long retirement to erupt again, the Tom Thumb is bubbling merrily again and sends its miniature stream shooting skyward in best approved geyser fashion.

Located far from the Upper Geyser Basin where Old Faithful and neighboring spouts perform for the thousands of visitors to Yellowstone National Park, Tom Thumb is one of the special attractions in the Grand Canyon of the Yellowstone River. No geyser is near it, and it therefore profits by its loneliness. It can be reached by descending down to the bottom of the canyon, hundreds of feet from the crest. A well known trail, Uncle Tom's trail, leads down into the canyon and past the little geyser. Not too ambitious and quite modest in its activity, the Tom Thumb does not spout to a greater height than three or four feet. The steam and water spurt forth from a tiny vent, the smallest in the park.

What the Tom Thumb lacks in size it makes up in regularity, for it spouts constantly, and will never disappoint visitors while it is in action. However, after a month of continued activity, Tom Thumb apparently thinks it has earned a vacation, and promptly it will settle into a coma for another month or so.

J H.M.

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Yellowstone Park, Wyo., August 00 -- An unrivaled feature of Yellowstone National Park, watching the sun rise from the top of Mount Washburn, holds interest only for the early riser. Organized as special trips from Canyon Hotel or Lodge, this early morning jaunt requires that participants arise about 3:30 or 4:00 a.m., and leave immediately by bus for the top of the mountain, about ten miles distant.

Those who have watched the sun loom up majestically over the Absaroka mountain range early in the morning declare there is no more beautiful sight anywhere. Nevertheless, because of the early hour, the sunrise view from Mount Washburn is an experience of but a small percentage of park visitors.

Daily trips over the mountain are scheduled from the hotel and lodge. These are usually taken in the afternoon, and are very popular. Several things combine to encourage visitors to make the trip this year. First of all, Mount Washburn is the highest peak accessible by auto in the park. It towers 10,317 feet above sea level and offers one of the finest views of the park. Another reason for Mount Washburn's popularity is that it is the only point in the park where the visitor can be almost certain of seeing mountain sheep.

J.H.M.

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Yellowstone Park, Wyo., August 00 -- Park rangers, once again on their regular duties in Yellowstone National Park after having been stationed in the fire area around Heart Lake, have brought back with them several tales of unusual incidents which occurred on the fire line.

One story deals with the rescue of a beaver house on the east side of a small peninsula in Heart Lake. Forest fire fighters were employing a large pump in efforts to put out the blaze. They were encountering considerable trouble, however, and as the fire swept close to the water's edge the flames leaped to the beaver's home and started its destructive work there. Hurriedly the hose was played on the huge mound and the beaver were saved the trouble of building a new home.

Rangers, observing the actions of the beaver afterwards, saw them come out immediately after the danger was passed and begin rebuilding the outside of their house which had been partially burned.

Another striking incident was the complete destruction of every tree on this particular peninsula with the exception of one large lodge pole pine. Nestling on the very top of this tree was a large osprey's nest in which were two young birds. Unable to fly away, they were forced to watch the destruction of every tree around them, and were saved from the flames when some peculiar whirl of nature changed the direction of the wind and "spared that tree".

J.H.M.

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Yellowstone Park, Wyo., August 00 -- Sole survivor of the first official survey expedition to enter what is now Yellowstone National Park, William H. Jackson, official photographer of the 1871 Hayden expedition recently visited the park again.

Just sixty years ago, Mr. Jackson, now 88 years old, first entered the park. He returned again with similar expeditions in 1872, 1878, and 1883. In 1892 he entered the park for the state of Wyoming to photograph the natural wonders here for an exhibit to be placed at the Chicago World's Fair. Throughout his life he has followed the profession of photography. In later years he made his headquarters in Denver and then in New York City where he now resides. His late years have been devoted to the Oregon Trail Monument Association. It was to dedicate a monument to Dr. F. V. Hayden at Glen Rock that his present visit really developed.

An airplane flight over the same area covered 60 years ago was one of the features of this visit. In 1871 it took the Hayden party two weeks to traverse the distance between Cheyenne and Casper. By airplane, Mr. Jackson covered the same distance in two hours.

With a party of 25 men, Dr. Hayden entered the park area in 1871, covered all the important points and spent considerable time mapping and sounding Yellowstone Lake. To this group is attributed the naming of many important points in the park, including Frank, Stevenson, Peale and Carrington islands, Mount Holmes and Hayden Valley.

"Everybody, even the packers and cooks had some point in the park named after them," Mr. Jackson recalled.

Each trip Mr. Jackson took about 400 pictures, more than 2,000 in all. These are now with the geological survey in Washington, he said. J.H.M.

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Yellowstone Park, Wyo., August 00 -- Little Blaze, son of Painted Wing, lackfoot Indian chief who visited Yellowstone National Park 86 years ago, ame into the park recently to find out what it was that scared his father out f this area.

While in pursuit of a band of Shoshone Indians that had stolen horses rom the Blackfeet, Chief Painted Wing and 275 of his men came into the Upper eyser Basin and what they saw there made them beat a hasty retreat.

"Blackfeet Indians saw something go boom," Little Blaze declared on his isit here. "Blackfeet Indians run away. Never come back. I come back. ind long smoke everywhere, but no fire."

Sight of the huge pillars of steam and boiling water frightened the lackfeet as they approached the Shoshone camp. They thought their gods had serted them and that the Shoshone devils were on the rampage.

Little Blaze and his companion, Running Rapid, entered the park enroute to Indian conference in Denver. Running Rapid is the official interpreter in acier National Park. He explained the whole history of the early visit of e Blackfeet to the park. In halting English he repeated the story told in dian language by Little Blaze, who in his 75 years has not learned the white n's language.

Thinking their visit would provide an added thrill to park visitors, ager Naturalist Frank Oberhansley urged the Indians to stay at the Giant yser while he gathered together his regular auto caravan. When the caravan 175 cars arrived at the Giant, the Indians were gone. Suddenly, however, y appeared, this time decked out in the full regalia of fighting bucks. paint, feathers, buckskin coats added to the color of their war garb. For minutes they held the crowd spell bound with Indian lore. J.H.M.

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Yellowstone Park, Wyo., August 00 -- With 175 saddle horses available for the visitor in Yellowstone National Park, he can do his sight seeing in real dude ranch fashion. Seeing the park from the many nature and game trails is said to be the ideal way, for many of the interesting spots in the park are not readily accessible by automobile.

Organized and manned in typical dude ranch style, the horseback caravans in the park are a real Western feature. Twenty-five Montana cowboys act as wranglers during the summer. They are under the direction of Archie Martin, head wrangler. From the close of the season until late in the spring they herd cows, brand calves and ride the range on ranches in Montana. When the snow has cleared out of the park they bring in 175 saddle horses and about 40 work horses, ride each one of the saddle horses to break him to the saddle again after months of running loose on the range, and then distribute them to the various camps in the park.

Horseback trips are available at Old Faithful, at the Canyon hotel, Canyon Lodge, Roosevelt Lodge, Mammoth hotel and Mammoth Lodge. In 1932 a new camp will be established at Lake Lodge and Hotel for the accommodation of guests there. The Lake camp will offer pack trips of several days besides the short saddle trips of several hours. On these pack trips, each guest will be provided with an air mattress, bedding, a pup tent, plenty of food and fishing tackle.

Each horseback party is accompanied by a guide, or "wrangler" as he is called in park parlance. These men are all experienced cowboys as well as being familiar with the game and nature lore of the area they cover.

H.M.

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Yellowstone Park, Wyo., August 00 -- Mammoth, the little community built around Mammoth Hot Springs in Yellowstone National Park, is facing a bandit problem. It has chosen as its best weapon for the defense a series of upturned garbage cans.

Bears are the bandits, and to satisfy them it has been decided to dump several cans of garbage a day at some distant spot from the community so that the bears will not molest the homes.

A most recent intruder is a mother bear who has a decided taste for canned fruit. Recently she entered the home of Mrs. H. W. Childs in search of nutrition. She found a plate of candy on the kitchen table and walked away with it. Bessie Ferguson, housekeeper in the Childshome, entered the kitchen just while the bear was investigating the depths of the refrigerator. Before Miss Ferguson could call for help, the bear had pounced upon a jar of preserved plums.

Satisfied, she walked off with the jar tucked under one fore-leg, and with the other proceeded to open the jar and extract the juicy sweetness.

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Yellowstone Park, Wyo., August 00 -- Close upon the heels of the discovery of Handkerchief Geyser to take the place of the extinct Handkerchief Pool, comes the discovery of yet another geyser with laundry efficiency. A small vent about eight feet from Jewel Geyser is the new washtub. It was discovered recently by Frank Oberhansley, ranger naturalist. It gobbles up handkerchiefs and spurts them up six minutes later when the Jewel erupts.

.H.M.

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Department of the Interior
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Yellowstone Park, Wyo., August 00 -- A wedding in which all the male participants wore the forestry-green uniforms of the National Park Service was solemnized in Yellowstone National Park August 3. Bridegroom, minister, attendants and guests all were members of the park service.

George A. Smith, Providence, R. I., a ranger naturalist on the summer staff of the park, and Constance Hammond, Fremont, Nebraska, were the principals. Rev. Fred Isacksen, pastor of the Central Methodist Church at Tacoma, Washington, also a ranger naturalist in the park, read the service. Attending the couple were a brother and sister-in-law of the bride. Mrs. Guy D. Edwards, wife of the assistant superintendent of the park, played the wedding march.

Services were held in the government chapel at Mammoth Hot Springs. A wedding breakfast at Mammoth Hotel followed.

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Yellowstone Park, Wyo., August 00 -- On his way to make a survey of drought and grasshopper damage in Montana, North and South Dakota, Nebraska and Iowa, Arthur M. Hyde, secretary of agriculture, spent four days in Yellowstone National Park.

With him were his wife and daughter, Major R. Y. Stuart, Dr. L. I. Hewes and Mr. and Mrs. H. F. Hoffman. They came from the Pacific coast and planned a detailed visit to the agricultural area hit by drought before the return to Washington.

Secretary Hyde planned conferences with Governors Erickson, Shafer and Olson of Montana, North Dakota and Minnesota during his visit.

.H.M.

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Department of the Interior
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Yellowstone Park, Wyo., August 00 -- After causing considerable excitement and mild consternation throughout Yellowstone National Park, the Splendid Geyser, which erupted July 28, after being inactive since 1892, has again settled into a state of dormancy, and is now nothing but a hot pool.

When with a sensational eruption of about 130 feet, the Splendid broke its long spell of silence, ranger naturalists wondered what effect this action would have on neighboring geysers. The eruption which was watched by several park visitors, caused the Daisy Geyser and two adjoining pools to drain. It was feared that the Daisy, second most reliable geyser in the Upper Basin, erupting about every hundred minutes, might be seriously affected. Early fears seemed to be substantiated for the Daisy did not play for four hours after the eruption of the Splendid.

However, a close check kept since the eruption indicates that all activity in the area has settled back into the same schedule as existed before this strange eruption.

For fully five minutes the Splendid shot its column of steam and water into the air. Now it isn't even bubbling, ranger naturalists report.

Another unexplainable recurrence of activity recently are the eruptions of the Whistler Geyser. This cone has not played since 1927 and was thought to be extinct, but during the last week of July it played and again repeated on August 2. It is distinctive because of a shrill, whistling noise that accompanies the eruption and also because of the long steam period that follows.

J H.M.

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Yellowstone Park, Wyo., August 00 -- Under the banner of the Three Nations Tour, 211 farmers from Pennsylvania, New Jersey, New York, Delaware, Maryland and West Virginia, toured Yellowstone National Park in the early part of August.

Sponsored by the Pennsylvania Farmer, agricultural magazine, the trip will take the farmers on a 10,000 mile circle which will include parts of Mexico and Canada as well as the Pacific Coast of the U. S. Largely made up of truck farmers, the tour has on its schedule a week's stay in the vegetable and fruit farming valleys of California.

Directing the tour is C. L. White, travel editor of the magazine. F. W. Stuart, representing the Northern Pacific, and K. V. Henderson, representing the Santa Fe railroad, are aiding in directing the party.

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Yellowstone Park, Wyo., August 00 -- Known to hundreds of Yellowstone National Park employees as "Cannonball", Joe Cummings, veteran driver for the Yellowstone Park Transportation Company, is setting up a record for efficiency.

For five successive seasons, a total of more than 700 days, he has traveled the same route from Old Faithful to Mammoth without missing a single day. Long before the season officially opens and long after it closes, he takes his huge truck over the winding roads of the park. He has been employed in the park in various capacities for 11 years.

H.M.

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Yellowstone Park, Wyo., August 00 -- Lamenting the passing of the cattle king who created and kept alive the traditions of the old West, E. J. Kuechle, old time cattleman of Montana, visited Yellowstone National Park recently and planned a jaunt through his old haunts before returning to New York City.

"Today we find only the oil king, the copper king and the silver king. Scores of names that come to me--names that made history in Wyoming, Montana, Idaho and Nevada--are all of the past," he said.

Mr. Kuechle came into the Rocky mountain region in 1872, and first visited what is now Yellowstone Park in 1878. For many years he ran the Kapital K ranch in the Black Hills on the Little Missouri River. Today he is in the real estate business in Long Island. On his most recent visit to Yellowstone Park he settled a long-standing controversy about the height of "Buffalo Bill". Col. William F. Cody was an intimate friend of Mr. Kuechle. Scores of people gave him proof to substantiate his statement that "Buffalo Bill" was more than six feet tall.

Names of ranches and ranchers that Mr. Kuechle recounted include: Scott and Hawks, Power River, Mont.; Neuman Bros., Powder River; Hughes and Simpson, Little Missouri, Mont.; Ferdon and Biddle and M.C. Connor, Powder River; John and Ben Holt, Pizpah and Miles City, Mont.; Zook and Alderson, Birney; Dickey Bros., Alzada; Smith and Elliot, Willow Creek; Pierre Wibaux, Wibaux; Oliver H. Wallup, Sheridan, Wyo., and Rosebud, Mont.; Graham Johnson, Little Powder; Masons Ranch, Powerville; Hedges Bros., Ekalaka; Ryan and Son, Devil's Tower, S. D.; Con Kohrs and Tommy Cruise, Helena; Richlenberg Brothers, Butte; China Clark, Helena; Ross and Wyatt, Miles City and Loren B. Rea, Miles City.

J.H.M.

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Yellowstone Park, Wyo., August 00 -- Grand Geyser, most majestic of all geysers in the Yellowstone National Park, has a habit of causing considerable furore among ranger naturalists, park visitors and employees around Old Faithful. Its irregular habits, eruptions at most unexpected times and general "cussedness" form the basis for much conjecture and tradition. Nevertheless, when it erupts almost the entire population of Old Faithful wants to be on the scene.

Recently, while all was quiet in the vicinity of Old Faithful about half an hour after midnight, a loud roar was heard over the entire area. Rangers, ranger naturalists, visitors and employees dashed out in various degrees of undress expecting to see the 200 foot Grand do its stuff.

"I've never seen the Grand as peaceful and quiet in my life," declared Frank Oberhansley, ranger naturalist, and one of the first on the scene.

A hasty investigation disclosed that the uproar was nothing more exciting than the laundry at Old Faithful Inn letting off steam.

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Yellowstone Park, Wyo., August 00 -- With the rip-roaring yells typical of a band of cowhands, a party of 26 cowboys bedecked in flaming shirts, wide sombreros, chaps, bandanas, boots, spurs and all the range paraphernalia, rode lustily into the Old Faithful region July 28 and took possession of Old Faithful Inn. "Dudes" by the hundreds gathered around wondering at this strange return of the Old West. After a half hour stampede the mystery was solved.

Comprising the "cowboy" party were 26 boys, many of them sons of millionaires from the East. They were members of the Valley Ranch Boys' Party out on what they called a "bust".

A.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
Release ON RECEIPT 1931--98

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Yellowstone Park, Wyo., August 00 -- "Pedro", one of the few bears in Yellowstone National Park about whom there was a certain evidence of "tameness", is no more. He was found dead near Old Faithful on July 27.

Although less than two years old, Pedro was old in experience. Having been born near Old Faithful he learned early in life that his only problem of existence was to learn how to beg properly. He learned how to sit up and cry for sweets as a cub. Later he acquired the art of the holdup bear, and would waylay passing autos and buses and beg for food.

Ranger naturalists, who frown on visitors who insist upon feeding bears by hand, and who forbid absolutely touching the bears, were inclined to be more liberal with Pedro, for he was the tamest black bear in the entire area. Ptomaine poisoning or glass is given as the reason for his untimely death.

What is left of Pedro, a shiny black pelt, will be treated and placed on exhibition at the Old Faithful Museum.

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Yellowstone Park, Wyo., August 00 -- Combining a pleasure trip through the wonders of Yellowstone National Park with a regular schedule of mountain climbing, 18 members of the Appalachian Mountain Club visited the park during the last week in July. Under the guidance of Dr. J. B. May, eastern ornithologist, the party first made a tour of the park loop, and then settled down to mountain climbing in earnest. Mount Washburn, Electric Peak and Mount Sheridan, all with an elevation well over 10,000 feet, were on their program.

.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
Release ON RECEIPT 1931--97

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Yellowstone Park, Wyo., August 00 -- It doesn't always pay to believe in signs. At least one recent visitor to Yellowstone National Park would convince you of that. Standing before a sign near the Whistler Geyser, she read with interest the legend which stated that the Whistler was now an extinct geyser, had been since 1927 when it erupted last. According to the sign it was now just a hot pool like hundreds of others around it.

Even while she was reading the sign, the visitor heard a gurgling noise emitted from the geyser and presently with a swish of steam and a volley of boiling water the Whistler went into eruption.

Eager to carry the message to others, the lady dashed to a ranger naturalist with the news that the Whistler was erupting. He doubted her story, but nevertheless hurried to that area. Long before he arrived, he heard the strange noise that gave the Whistler its name.

"It sounded like about four locomotives at a distance, with a shrill, ringing tone to it," the ranger declared.

Rising to a height of about 40 feet, the Whistler played for more than 30 minutes. It emitted a great deal of water and killed all the algae on the formation. A checkup just the morning before revealed the entire wall of the geyser covered with beautifully colored algae. The presence of Algae indicated a temperature below 187 degrees Fahrenheit.

This strange and unexpected eruption occurred on July 18 at 1:30 p.m. Its half hour eruption was followed by a long steam period and continuation of the sharp roar. For two days after the eruption the crater of the geyser remained dry and then filled again, and apparently it is today again nothing but a hot pool.

.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
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Yellowstone Park, Wyo., August 00 -- Bears in the Yellowstone National Park put on a public banquet nightly before thousands of people. At Old Faithful alone the daily average is 2,200 spectators.

A record crowd for this season was that of July 7 when 2,800 park visitors clustered around the bear feeding grounds at Old Faithful to watch the bears dine and to hear the ranger naturalist lecture on wild animals of the park.

About 20 black bears come to the feeding grounds each night and between eight and a dozen grizzlies. Grizzlies and blacks do not feed at the same time, for the blacks have a healthy respect for the larger ones. Early this season the grizzlies waited until nearly dark before they approached the huge platform where garbage is dumped out for them. Since early in July they have changed their habits and now come in as early as 7 p.m. Their changed schedule is not at all welcomed by the blacks.

Probably the most notable character in the park bear kingdom is "Old Scarface". Two years ago he ruled the entire bear population with an iron hand, or rather a clawed paw. Then another grizzly defeated him in an encounter, tore off his ears, and in general scarred him up considerably. Since then Scarface's reign has ceased. He does not eat with the mature grizzlies any more, but chooses as his company grizzly cubs and black bears.

At Old Faithful visitors watch the bears from log seats which are only 15 feet away from the feeding platform. This is the closest distance one can view a wild grizzly in natural surroundings anywhere in the world, Philip Martindale, bear lecturer says. And, as he declares the grizzly to be the wildest of all wild animals, visitors have an unusual privilege here. A barbed wire fence separates the platform from the spectators.

J.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
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Yellowstone Park, Wyo., August 00 -- For many and obvious reasons government rangers do not allow visitors to step on the cones of geysers in Yellowstone National Park. Danger of being burned, and possibility of breaking the cones have long made it necessary to rule against too close approach.

Heedless to rules, one visitor climbed to the top of the cone on Lone Star Geyser. A government ranger approached him and ordered him down.

"Say, as long as I'm up here, can't you let me stay long enough to have my picture taken?" he yelled back. "Ask the gentleman next to you, if he'll snap my picture."

The ranger looked from the man on the cone to the distinguished looking gentleman next to him, and then stepped forward to enforce his order.

"Pardon me", said the gentleman, "but would you mind if I did snap his picture. It will be a wonderful addition to my gallery of fools."

The man who spoke was Dr. H. Shantz, president of the University of Arizona.

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Yellowstone Park, Wyo., August 00 -- A little glimpse into the past when painting whiskey bottles was considered artistry was furnished to officials of the Yellowstone Park Hotel company recently. Walter B. Cooper, painter of Gustine, Calif., sent to them a request for colored photos of some of the park phenomenon. In his letter he mentioned that he was in the park for two months in 1889. He was commissioned by the government to make a painting of the Lake Hotel. During his stay he sketched and painted 155 whiskey bottles, he said in his letter. Now Mr. Cooper is preparing large canvas paintings of park phenomena to be displayed in banks and halls throughout the country.

C.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
Release ON RECEIPT 1931-94

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Yellowstone Park, Wyo., August 00 -- This is a "nutty" existence for Clementine, one of the lesser greats of Yellowstone National Park.

Clementine is a chubby, bright-eyed chipmunk who makes her home inside of Old Faithful Inn. She used to be called Ben, until one day this summer she trooped out of her nest with four little "chipmunkies". In the interest of biological correctness she was rechristened.

A connoisseur of nuts is Clementine, and her little brood is rapidly learning the distinction between such an ordinary morsel as a peanut and the highbrow pecan or love nut.

Three times daily, like a vaudeville trouper, Clementine makes her appearance, darting out from her nest, around the rustic pillars of the Inn and down to the floor in front of the confectionery stand. A peanut will interest her only mildly; a walnut arouses a little more enthusiasm; a Brazil nut will bring on a mild spasm of gratitude and invariably this tidbit is carried off to the storehouse for future attention; but when the charitable visitor really looks for expressions of delight from Clementine he brings out a package of pecans or love nuts. Such an occasion prompts a splurge of hilarity and a family party.

Clementine keeps close adherence to schedule, appearing regularly at 9:30 a.m., again at 1 p.m. and bids her "good nights" shortly after 7 p.m.

From the dining room the visitor strolls toward the confectionery stand after breakfast. Clementine watches him closely, and listens for the rustle of paper bags. When she hears it she takes her stand.

"Oh nuts", she cries to her brood. For her another day has begun.

J.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
Release ON RECEIPT 1931--93

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Yellowstone Park, Wyo., August 00 -- Just sixty years after her husband entered what is now Yellowstone National Park as a leader of one of the first surveying parties to study this area, Mrs. David Porter Heap, of the Washington hotel, Philadelphia, came for the first time to view the wonders that her husband saw then. She spent the last week in July here.

Together with Captain J. W. Barlow, Brigadier-General Heap, then a youthful captain in the engineering corps of the U. S. Army, led a joint government expedition into the park area and discovered the famous Mammoth Hot Springs. They traversed all of the route that is now the famous loop of the Yellowstone, visiting Mount Washburn, the Grand Canyon and the two magnific ent falls, Sulphur mountain, the Mud Geyser, Yellowstone Lake, the Upper Geyser Basin, Shoshone Lake, Soda Butte Creek and then out of the park by way of Mammoth Hot Springs.

Dr. F. V. Hayden led the geologic exploration party that made surveys of the area at the same time. To these three men is attributed the opening of the route between the Yellowstone River and the Lower Geyser Basin, the exploration of the basin, the mapping of the shoreline of Yellowstone Lake and the headwaters of the Snake River, and the exploration of Lamar Valley. Brigadier-General Heap also named the Fan geyser.

Captain Barlow made a vast collection of specimens and pictures, the only means they had of proving to people in the east that the wonders of the Yellowstone actually existed. The great fire of Chicago in 1872 destroyed all this evidence, Mrs. Heap said. Not once after his surveying trip did her husband return to the park, his widow said. He returned to the east where business interests held him until his death.

- 0 0 0 - J.H.M.

Department of the Interior
National Park Service
Yellowstone National Park

EMORANDUM FOR THE PRESS
elease ON RECEIPT 1931--92

Yellowstone Park, Wyo., August 00:---An impromptu auto caravan ver Upper Geyser Basin and Black Sand Basin near Old Faithful in Yellowstone ational Park has this year grown to such proportions that it is offering real raffic problems, according to ranger naturalists at that station.

Starting with a modest beginning in 1930 when 11 autos and buses as the greatest number, the caravan has expanded until on July 24 a string f 225 cars and four buses carrying 868 people trekked behind the ranger nat- ralists as they explained the numerous pools and geysers.

A well organized plan enables the naturalists to bring the car- van to strategic points just in time to see eruptions of the most noteworthy eysers. One man is placed on observation in the basin, and he keeps an index each pool with the regular intervals of eruption. He telephones the activity the various geysers to the museum where the guide of the caravan awaits him. en the tour is routed so that few waits will be necessary at any one place to e an eruption. Thus one day the caravan might first visit Daisy geyser, then pphire pool, Handkerchief Pool and Riverside geyser, then Emerald Pool, and the xt day just reverse the process. When nature plays pranks so that waits are avoidable, the naturalists take the visitors over a short nature trail while ey wait on the geysers.

An average of 500 people accompany the caravan. July 16 and 17 e other record days; 689 people in 146 cars accompanying the caravan on the mer day and 702 people in 183 cars the next day.

H. M.

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Department of the Interior
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EMORANDUM FOR THE PRESS
elease ON RECEIPT 1931--91

Yellowstone Park, Wyo., August 00:---Add another bit of proof to ne fact that the old saying, "Ignorance is bliss", is true even today in the ge of skyscraper learning.

Joseph Joffe, assistant to the superintendent of Yellowstone National Park, declares that his faith in the old adage has been renewed by a recent cident.

A ten year old visitor to the park stepped up to him and asked.

"Are you a ranger naturalist?"

"No, I'm not, but is there anything I can help you with?" was . Joffe's reply.

"I'd like to have you tell me what kind of an animal I saw. It s more than a foot long, striped on the back and had a head like a mink," e youth replied.

"Likely it was a chipmunk", explained Mr. Joffe, allowing about ive or six inches as the natural exaggeration of enthusiasm.

"Naw, I know a chipmunk when I see one", the boy came back. "They ok like a squirrel. This fellow had a funny color and lots of stripes on his ck."

"Was it black and white? And did it have a big white stripe down s back?" the park service man asked. He received a reply in the affirmative.

"Your little friend was a skunk", the boy was told.

"S'help me Hannah, and I've been feeding him peanuts by the hour", e boy exploded.

H. M.

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Department of the Interior
National Park Service
Yellowstone National Park

ORANDUM FOR THE PRESS
ease ON RECEIPT 1931--90

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Yellowstone Park, Wyo., August 00:---Disappointment that followed cessation of Handkerchief Pool from active laundry duty two years ago has been laced by new thrills and excitement over the newest discovery in Yellowstone onal Park. Today the park boasts a Handkerchief Geyser.

So named by Ranger Naturalist Frank Oberhansley, who discovered the liar characteristics of this vent, it is destined to attain even greater larity than its predecessor. Handkerchief Pool gained fame because it would le up handkerchiefs thrown in by visitors, suck them into its vortex and give up some time later. Two years ago a thoughtless visitor tossed a rock into vent breaking part of the fissure and destroying that peculiar feature.

Now comes Handkerchief Geyser which has all the properties of kerchief Pool plus the spouting characteristics of a geyser. It erupts at lar intervals of four minutes, reaching the modest height of three feet. diately after each eruption it becomes quiet, and then the double convexion ent is set into motion causing a suction which will draw handkerchiefs deep the pool. Cold water is sucked down the west side of the pool and the hot r rises up on the east side.

Ordinarily the pool holds a handkerchief ten to 20 seconds, but times it has held them as long as eight minutes, Mr. Oberhansley says.

"Occasionally it keeps a handkerchief for commission", he reports, invariably it is coughted up later on, so that some visitors get two and three erchiefs in return for one."

Situated only about 60 yards from old and now defunct Handkerchief the geyser is drawing an average of 500 people daily. It handles between d 100 handkerchiefs daily. The water in the geyser is hotter than that of ld pool, averaging 202.2 degrees Fahrenheit.

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M.

Department of the Interior
National Park Service
Yellowstone National Park

MORANDUM FOR THE PRESS
lease ON RECEIPT 1931--89

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Yellowstone Park, Wyo., August 00:---Having completed a month's ay in Yellowstone National Park, three weeks of which were spent in excavat- petrified trees near Tower Falls, the 1931 Scout-Naturalist Expedition is on a tour of Canadian parks. This year's party consists of 11 Eagle Scouts m councils in various parts of California.

Originated in 1929 by Ansel F. Hall, senior naturalist and for- er in the U. S. National Park Service, the movement has had rapid growth. t year three scouts traveled to several western national parks accomplishing en tasks at each place. In 1930 eight boys visited Grand Canyon, established arden there, explored an area of 27 square miles for ancient cliff dwellings, then toured Mesa Verde, Rocky Mountain, Grand Teton and Yellowstone National ks.

This year their work was done in Yellowstone and their travel period l be spent in Glacier, Waterton Lakes National Park, Banff, Lake Louise, per, Rainier and Crater Lake National Parks.

Work in Yellowstone this year was done under the direction of . S. A. Barrett and Dr. Ira Edwards of the Milwaukee Public Museum. Under ir guidance five standing petrified trees, several prostrate trees, and a or branch 18 feet long were uncovered for exhibition.

Dr. H. E. Stork, head of the department of biology at Carleton ege, Northfield, Minn., lead the scout expedition. The boys were Morton elyn, Piedmont; Ray McGlothen, Stockton; John Fried, Oakland; Bob stead, Clarence Unnewehr and Paul Baldwin, Berkeley; Jack Nolan, Santa ara; Clifford Husted, Carpenteria; Dean Wiley, Santa Maria; and Boynton er. Guy Crump acted as organization leader of the party.

M.

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National Park Service
Yellowstone National Park

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Yellowstone Park, Wyo., August 00:---Yellowstone National Park l be something to write about for a party of 27 Swedish newspaper men who made ive day tour of the park beginning July 27. This trip is part of the program the Foreign Language Publications tour.

Entering the park at Gardiner, the publishers were escorted around oth Hot Springs where they spent the first night. Later they visited Old hful and the two geyser basins surrounding it. Overnight stops were also ned at Yellowstone Lake, the Grand Canyon of the Yellowstone and at Tower s.

The party left Chicago on July 23 and returned there August 1. iam Larson of the Swedish-American Paper company of Chicago, convoyed the y through the park.

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Yellowstone Park, Wyo., August 00:---Rev. Joe Barnett, national lain of the American Legion, found opportunity to relive the war days of when he visited Yellowstone National Park recently. While here he visited uge fire-fighting camps established in the Basin Creek area where 20,000 were swept by fire.

Lining up for mess, visiting the tent camps and watching men hast- ig trenches brought back to him pictures of army days.

Offering up prayers for rain to relieve the fire situation, Rev. nett had the satisfaction of seeing the first rain in 40 days fall in the e area on the same day he visited the scene. To him the Grand Canyon of the lowstone and a trip over Mount Washburn provided the greatest thrills of s trip

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
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Yellowstone Park, Wyo., August 00:---Yellowstone National Park played host to a bevy of prominent people during the last week in July and the first week of August. In the largest group of distinguished visitors were Hubert Work, former secretary of the interior; Will Hays, moving picture czar, and his son; and Senator Sullivan of Wyoming and his two daughters. This party arrived at the Cody entrance July 27 and spent six days in the park.

Arthur M. Hyde, secretary of the interior, accompanied by his wife and daughter and a party of five were early August visitors. They left August 4. About the same time Senator Reed Smoot of Utah and Merle Thorpe, editor of "The Nation's Business", Washington, D. C., visited here.

Other prominent individuals included Senator Arthur P. Robinson of Indiana and Manley Chase, an official of the Cleveland Hardware company, both of whom spent four days in the park.

Reservations have already been made for the Prince and Princess Nwasti of Siam, parents of the queen of Siam, who together with their adult son and a small group of attendants will arrive in West Yellowstone August 10 for a three and one-half day tour. They will be escorted through the park by a government ranger.

Following their visit, two Indian priests, Swami Akhilananda and Swami Dayananda, will arrive at West Yellowstone on August 20 for a four day trip through the park. They will be accompanied by two American missionary workers.

J. H. M.

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