U. S. DEPARTMENT OF AGRICULTURE.

WEATHER BUREAU.

MONTHLY

METEOROLOGICAL SUMMARY.

STATION

.....

.....

MONTH

....., 19

8—1650 U. S. GOVERNMENT PRINTING OFFICE: 1929

Files

0-23
y, 1929)

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

FILE NO.

MONTHLY REPORT

FOR

AUGUST, 1932

GOVERNMENT PRINTING OFFICE 1929 6—7410

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

YELLOWSTONE PARK, WYO.

OF THE SUPERINTENDENT

September 6, 1930.

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

Dear Mr. Director:

Following is a report of the activities of Yellowstone National Park for the month of August, 1930.

000 - General

010 - The general depression continued in the park throughout the month and the percentage of decrease in business was about the same as during the month of July. Travel continued to run about 25 per cent under last year, while the rail travel was 50 per cent under a year ago. The operators are experiencing one of the worst financial years since 1918, and it has been necessary to cut their forces to the minimum and at the same time to render the type of service demanded by park visitors.

Weather conditions were excellent for travel, but toward the latter part of the month the fire hazard became serious and on the 22nd a bad fire broke out in the Mirror Plateau region, burning about 2,000 acres before it was finally controlled. Heavy rain and snow on the 29th and 30th cut down the fire hazard and put the final touches to the Mirror Plateau fire.

040 - General weather conditions.

(Summary of weather conditions will be found at the back of this report).

100 - Administration

110 - Status of work

Superintendent Toll remained in the park during the entire month. The work was kept as current as possible, but the preparation of the annual report and other reports which must be in soon after the first of the month resulted in considerable overtime. Clerk Constance Whitney was operated on for appendicitis August 29 and will be incapacitated for two or three weeks. Timekeeper Virginia Gottlieb was out for several days due to a tonsil operation and Voucher Clerk Wallace did not return to duty until August 18 following an operation on his knee. The absence of these employees considerably handicapped the office force and resulted in additional overtime work.

120 - Park Inspections by:

121 - Superintendent

Superintendent Toll spent the entire month in the park and made a number of trips into the interior thereof to look over various projects. Several trips were made to nearby towns on official matters. Trips were made as follows:

August 1 - To the Game Preservation Ranch and return with Messrs. Van Norden and Greeley of the Camp Fire Club of America, Glen Smith and William Rush of the Forest Service, Chief Ranger Baggley and David Madsen.
2 - To Livingston to attend Rotary meeting with Assistant to the Superintendent Joffe, returning to Mammoth for night.
6 - To Biscuit Basin and around loop with Assistant Superintendent Edwards.
7 - To Gallatin Ranger Station and return.
10 - To Canyon and return.
12 - Inspected Stevens Bros. Mammoth Terraces-Obsidian Cliff job with Messrs. Capes and Edwards.
13 - To Canyon and return.
14 - To Livingston with Assistant Superintendent Edwards and Assistant to the Superintendent Joffe to meet Director Albright, spending night in Livingston.
15 - Attended Rotary meeting in Livingston and returned in evening with Director Albright.
16 - To Old Faithful for night with Director Albright and Messrs. Edwards, Vint and McCarter.
17 - From Old Faithful to Teton Park for night with Director Albright, Messrs. Vint and McCarter.
18 - From Teton Park to Cody for night with Director, Messrs. Vint and McCarter. Joined at Fishing Bridge by Assistant Superintendent Edwards.
19 - Returned from Cody to Canyon and Mammoth for night with Director and party.
20 - To Nordquist Ranch with Director Albright, Messrs. Edwards, Vint, McCarter, Joffe and Baggley.
21 - Rode over Red Lodge-Cooke road horseback, then went by car to Billings where Director Albright entrained for Glacier Park. Remained in Billings over night.
22 - Returned to park from Billings.
23 - To point near Cache Creek to look over Mirror Plateau fire situation.
25 - Made loop trip with Messrs. Edwards, Vint, McCarter and Capes, looking over road matters.
26 - Made trip over northern elk range with members of Montana State Game Commission and Forest Service officials.

[illegible]

[illegible]

[illegible]

27 - To Old Faithful for opening of new Old Faithful Inn amphitheater, remaining there over night.
28 - Continued from Old Faithful around loop to Mammoth for night.
30 - Made final inspection of Stevens Bros. Mammoth Terrace-Obsidian Cliff job with Messrs. Edwards, Supse and Swarter.

122 - Special Field Representatives of the National Park Service

T. C. Vint, Chief Landscape Architect for the National Park Service, arrived in Livingston on August 14 with Director Albright and proceeded directly to the park. He remained until the 27th when he left via the north gate for Glacier.

D. N. Madsen, Supervisor of Wild Life Resources, made two trips into the park in August, one from the 1st to the 8th and the other from the 20th to the 27th.

123 - National Park Service Officers

Director Horace M. Albright arrived in the park via the north gate on August 15, made trips to Old Faithful, Grand Teton Park, Cody, Nordquist's Ranch and over the route of the new Red Lodge-Cooke road, departing from Billings on the night of the 21st.

C. A. Mosby, Assistant Director of the National Park Service, arrived via the west gate on the 21st and left from the same gateway on the 25th.

Earl A. Bissmore, Chief Ranger of Glacier National Park, spent three days here from the 7th to the 10th, entering and leaving via the north gateway.

R. H. Vincent, Assistant Superintendent of Glacier National Park, arrived in the Yellowstone with Chief Ranger Bissmore, and on the 10th left for Grand Teton Park, returning to Glacier over Teton Pass and up the west side of the park.

Chief Accountant E. A. Tillett and his assistant, Herbert L. Wooten, who came to the park on June 23 on work in connection with the accounting system, left on August 6 for Grand Teton Park.

G. D. Monteith, Special Investigator for the National Park Service, who arrived via the east gate on July 27, remained during the entire month of August. He expects to leave about September 8.

125 - Other Government Officers

L. H. Falen, Acting District Engineer of the Bureau of Public Roads, entered the south gate on August 19 for a conference with Director Albright and Superintendent Toll, and left via the east gate on the 20th.

Fred Morrell of the Branch of Public Relations, U.S. Forest Service,

[illegible]

father of Temporary Ranger Fred Morrell, arrived by the north gate on August 29 and left via the same gateway September 2.

Glen Keith, assistant Regional Forester, U. S. Forest Service, Missoula, Montana, made two trips to the park in August with William Rust of his service, one on August 1 with Messrs. Crowley and Van Harren of the Camp Fire Club of America, and the other on the 25th with members of the Montana Fish and Game Commission.

J. C. Evenden of the Bureau of Entomology, Coeur d'Alene, Idaho, came in the north gate enroute to the Cody road on July 29 and left via the north gate on August 8.

V. E. Mangus of the Water Resource Branch of the Geological Survey, Boise, Idaho, entered the park at the west gate on August 30 for an inspection of the water gages.

T. H. Meavis, M. A. Conley and L. F. Woodside of the General Accounting Office, Washington, D. C., came into the park on August 16 via the north gate for an inspection of the accounting books. They left via the Gardiner gate on the 18th.

127 - Other Agencies

Dr. Frank M. Chapman, member of the Advisory Board of the National Park Service, who came into the park on July 7, remained during the entire month of August taking motion and still pictures of park features and wild animals and birds.

Dr. Wallace W. Atwood, President of Clark University and a member of the Educational Advisory Board of the National Park Service, entered the park via the south gate on August 31 with his family, spending three days here. His son, Dr. Wallace H. Atwood, former assistant to Assistant Director Bryant in the Washington office, was in the park at the same time.

130 - Finances and Accounts

(Table on following page)

140 - Labor Situation

There is little change in the labor situation except that by the end of the month some of the men asked to be released in order that they might return to school. There was no difficulty in securing suitable men to fill the vacancies.

150 - Equipment and Supplies

Carload shipments received during the month of August are as follows: 3 carloads gasoline, 21 carloads road oil, 4 carloads lumber, 1 carload shingles, 2 carloads cement, 12 carloads sewer pipe, 1 carload screed mill, 2 carloads liquid asphalt. Miscellaneous supplies and equipment were received as follows: 1 automatic leveller for use at Buffalo Ranch, 6 iron range boilers, shipment of office supplies, 2 steel safes, 3 long heat stoves, 1 disc harrow, 2 kitchen water heaters, 28 rolls of wire fencing for Buffalo Ranch, one 3-ton Dodge freight truck, 9 barrels of lubricating oil, 3 barrels of boiled linseed oil, three 2-ton Dodge dump trucks, 30 bags of grass seed for use at Buffalo Ranch, several large shipments of groceries and a large shipment of paint.

170 - Maps, Plans and Surveys

This work consisted of preconstruction surveys for estimate purposes on proposed projects and field work in connection with approved construction work. Considerable preliminary investigation work in connection with possible hydro-electric development was carried on at the request of the valuation engineer, Mr. Monteith, now in the park. A large volume of blueprinting was done for other departments as well as several small sketches and maps.

180 - Circulars, Publicity, Bulletins, etc.

Circular No. 10 was issued during the month and the June-July issue of Nature Notes was distributed to our mailing list of over six hundred. A copy is attached. Numerous news stories were written by Joseph E. Snider, publicity man, and sent out to a mailing list of about five hundred. Copies are attached hereto. Also a number of stories were sent by wire to the Associated Press and United Press. Special stories were sent to individual papers and news pictures were distributed. Mr. Snider's services were suspended for the season on August 19.

200 - Maintenance, Improvements and Construction

210 - Maintenance

General routine maintenance was carried on throughout the month with no special features worthy of mention. The forest fires on Silver Tip and disrupted the maintenance organization somewhat, taking the crews from Gerrie, Pompon, Lake and the east entrance sections for the Depot, but these sections

were in good condition and did not suffer from lack of work materially during the period.

Light palliative oiling was done on 7.2 miles of sand-clay sections and 3.5 miles of the Canyon-Lake Reinforcement oiled surface was scarified and retreated with oil.

1210 cubic yards of premixed oil patching material was prepared by the mixing crew for use on maintenance sections as needed.

Work on the Lake and South Forest Sections was also continue in character, with the exception that 14.5 miles of the south road was treated with about a thousand gallons of road oil to the mile, providing a dustless surface to the junction with the newly constructed south approach road.

220 - Improvements

Shops: The usual repair and upkeep work was done and all equipment is in first-class condition.

Electrical Department: Report for July. The last remaining 8 miles of the West Creek to south entrance telephone line was completed July 20, 1933. This consisted of cutting a right-of-way through heavy timber, 8 feet wide, digging holes, one-third of which had to be blasted, setting native poles and stringing No. 8 solid copper wire on brackets. The completion of this line, when placed into service, should give good communication to the south entrance.

During the month of July approximately 4 miles of the east entrance telephone line was reconstructed, making a total of approximately ten miles of this line completed to date, of the 15 miles programmed to be done this season. Moved half a mile of telephone line at Madison Junction on account of the new Madison Museum parking area. This half mile was rebuilt with cedar poles and cross arm construction. Repaired the telephone line from Lower Falls to Haynes Picture Shops, a distance of two miles, due to the new road construction. During July the telephone line on trees between Snake River Station and Heckler Station was practically rebuilt. Twenty-five miles of line were taken down, rewelded and put on trees approximately 16 feet high above ground on account of depth of snow in winter. Installed four street lights leading from Mammoth Hot Springs Ground to new location of the amphitheater. Changed and extended power and electric service to the new location of the Fishing Bridge Ranger Station. Wired two show cases and two large ceiling fixtures in the Fishing Bridge Museum. Besides the reconstruction above mentioned, the usual maintenance and improvement work was carried on during the month of July.

During the month of August four miles of the east entrance telephone line was reconstructed with copper metallic line. Of the 15 miles programed for this year, approximately 14 3/4 miles of metallic line have been completed to date. The balance is expected to be completed by September 5.

The new metallic telephone line from Lake to the north entrance was placed in service on August 10 and a great improvement is noticed in communicating with the north entrance.

Approximately half of the poles have been reset and other heavy maintenance repairs have been made on the 8 miles of the Bellatin telephone line adjacent to the Bellatin Ranger Station.

Two small three room cottages were wired for lights at Lake for the Bureau of Fisheries.

Most of the wiring was completed in the two new naturalists' apartments at Old Faithful.

Besides the reconstruction and heavy maintenance above mentioned, the usual maintenance and improvement work was carried on in several buildings in the park.

Painting Department: The work of this department consisted of regular maintenance and repair work on Government buildings and placing of signs throughout the park.

Sanitation Department: Water and sewer systems and incinerators were operated and maintained throughout the park. Refrigerating plants were operated. Repairs were made to plumbing and heating systems. During the latter part of the month, the cold weather made it necessary to put all heating plants into operation. The usual camp cleaning activities were carried on. In addition to the routine maintenance and operation, a chimney was built for the new heating plant in the Bachelor Building at Mammoth; a new vacuum type chlorinating machine was installed at Old Faithful; new sewer tank was underconstruction at Lake and pipe lines and pits were excavated at Lake also. Sewer pipe and culvert installed at Lake. Concrete sewer tank was constructed at the east entrance road camp.

Carpenter Shop: The master carpenter and his assistants carried on general maintenance and construction work during the month.

220 - New Construction

Project 2484, Mammoth Sewer: All mains and service connections were complete on August 16 and all sewage in the Mammoth area passing into the treatment tanks. The sludge beds are now about 80 per cent complete and will probably be ready for use by September 30, completing the project except for minor cleanup work.

Project 2520.8, Madison Junction Parking Area: Reference is made to our July report for a description of this project which is now complete except for guard rail staining and seal coat treatment of the oiled surface parking area proper.

Project [illegible].3, Lake Fish Hatchery Parking Area: This project consists of constructing a designated parking area immediately adjacent to the hatchery and the construction of two short sections of walk for the use of visitors to the educational section of the development. Work was in progress for only the last two days of the month and little more than preparatory work was accomplished.

Project [illegible].2, Fidgerit Basin Trail: Accomplishments on this project consisted of the laying of approximately 600 lineal feet or base course material and the building of 1800 feet of fence. The construction crew of 20 men were called to the Mirror Hudson fire and were away from the job for eight days.

Project [illegible], Pinehole Canyon-Boulder Cliff Betterment (Post Construction Maintenance). Work was started on with a slightly larger force than last month. Slide material (940 yards) was removed during the month and approximately three miles of slope treatment was carried out. Rebuilding of the masonry retaining wall and parapet near Hidden Falls was about 25 per cent complete at the end of the month.

Project [illegible], Canyon Junction-Lower Falls Betterment (Post Construction Maintenance). In this project 2,420 yards of unclassified slide material was removed and 100 yards of borrow used to build up grade settlement. Drainage failures were improved by the installation of 600 lineal feet of vitrified drainage tile.

Project [illegible], East Entrance Road Betterment (Post Construction Maintenance). 2,000 yards of slide material were removed and used in widening slopes and shoulders. Approximately two and one-half miles of the oiled surface showing failures was scarified and reworked.

Project [illegible], West Gallatin Surfacing and Oiling. All but 4.8 miles of the project have been surfaced and 18.3 miles of the oil processed and have been laid down. About 30 days additional time during the coming month will be necessary to entirely complete the project.

[illegible] - Activities of Other Concessions in the Park

[illegible] - Public Service Concessions

The decrease in business continued with the operators and it was necessary that they cut their forces and get along with the least number possible. The hotels, lodges and transportation lines were particularly hard hit due to the falling off in rail travel and all operators reported losses of from 20 to 50 per cent compared with last year. This has been the worst season financially since 1918, and may lead to radical changes in the system in operation in the park. Visitors are seeking the cheapest type of accommodation, and the great loss in rail travel may necessitate some modification of the American plan in effect at the hotels and lodges.

311 - Character of Service to the Public

Despite the falling off in business and the curtailing of crews, the operators rendered good service on the whole and comparatively few complaints were received. Most of the complaints this year have been caused by the bears who have been a source of grievance, especially to the campers.

313 - Schedule of Rates

No changes in rates were put into effect during the month of August, the gasoline and oil prices remaining the same as effective July 30

Roosevelt Lodge, which opened on July 1, closed on August 1 due to the decrease in business.

The Haynes Picture Shops opened up a small 12' x 24' store at Tower Falls just off the main highway to take care of the visitors at that point who were not coming into the camp ground.

400 - Flora, Fauna and Natural Phenomena

410 - Ranger, Naturalist and Guide Service

The Chief Ranger,with his Field Assistant and Forest Assistant, has made numerous inspections of the protection department personnel and activities throughout the month.

The snowshoe cabins are now being put in readiness for the coming winter. All blankets and quilts in these cabins have been brought into Mammoth and will be cleaned and returned to the cabins.

Several fires occurred during the month, all of them being very small with the exception of the Mirror Plateau fire which burned an area of 2000 acres. Several of the permanent rangers and two of the temporary rangers were detailed to duty on this fire. Chief Ranger Buckley on August 22 made an airplane survey of this Mirror Plateau fire and covered a considerable section of the park in order to determine if any other fires were burning, due to the great amount of lightning which had occured during the week previous.

Park Ranger Allyn F. Jones, who was promoted to Chief Ranger of Grand Teton National Park, was transferred from Yellowstone at the close of August 31.

Seven temporary rangers were released from duty at the close of the month.

420 - Museum Service

The museums at Mammoth, Norris, Madison, Old Faithful and Fishing Bridge have been open throughout the day and evening for the entire month. The naturalists on museum duty have conducted large and small parties about the exhibits whenever possible to leave the information desks. Many times a second naturalist has assisted on the floor during such periods. The permanent naturalists have done some relief work on the regular programs of hikes and lectures and have conducted many special parties.

The regular guided trips at Mammoth Hot Springs, of the geyser basins, at Fishing Bridge and Canyon have been attended by enthusiastic parties of visitors. Several all-day hikes to the Gardiner Canyon of Lamar Falls have been taken. At Old Faithful, all-day trips have been taken three times each week to Spotic Falls and the Madison Plateau. This trip is called an 'Exploration Hike' and has proved quite successful. The following figures show the attendance and number of guided trips for 1931 and 1932:

1931	-Guided Trips for August			982	Attendance	29,670
1932	"	"	"	" 770	"	28,310

The lecture program has been carried on regularly; 482 lectures were given during the month and were attended by 76,167 visitors. The usual plan is to have one ranger naturalist give the announcements and another give the evening lecture. When possible an entertainment number such as a vocal or instrumental solo, or entertainment by a larger number, is placed on the program. At the camp fire programs, community singing and voluntary entertainment from the visitors are practised. An effort is made to make the lectures informal and the program a distinct part of the visitors' activities.

Regular afternoon caravans are being continued at Mammoth, Old Faithful, Canyon and occasionally at Fishing Bridge. These 'Walking' caravans have been an outstanding feature at Mammoth and Canyon. Antelope, beaver, bears, deer, moose and elk have been observed. Comparative figures for this month in 1931 and 1932 are as follows:

1931	-Auto Caravans for August			67	Attendance	80,176
1932	"	"	"	" 130	"	11,400

Attendance at the museums throughout the park for the month total:

1931	Contacts Made for August			243,544	Attendance	66,126
1932	"	"	"	" 180,[illegible]	"	75,979

Many times when people assemble in groups in the museums, a short talk on the exhibits and their significance is given by the ranger naturalist in charge.

Fifty-three special parties were handled, serving 2,000 people at the major loop stations. The permanent naturalists in the instance of contacting these people were individually alert to offer their cooperation in caring for the large groups as they came to the park.

Ranger Naturalist Staff: William F. Evans was released on August 20 at his own request. During the month Canyon Creek was transferred from Old Faithful to Tower Falls and George Marler was transferred from Tower Falls to Old Faithful. Several of the ranger naturalists left between the 20th and the end of the month and the remaining men were distributed to care for the activities to the end of the season.

Nature Notes: The Park Naturalist edited "Nature Notes" and the June-July number was distributed on August 24.

Library: Thirty periodicals were received during the month; 24 books and pamphlets were received and 28 accessioned. Three books on Indians were presented to our library by Clark Wissler, through the request of Dr. Dempus.

Accessions: One spear head was received from Owen Nichols.

During the month the exhibits in the biology room in the Fishing Bridge Museum were completed. The room was opened to the public on August 20. The Junior Park Naturalist prepared an exhibit in the room known as the "Plant Kingdom". Dr. Carl Russell, assisted by Wilfred Reed and Gus Grimwald, did most of the work of installing and the research connected with preparing label copy. Placards setting forthethe main historical events in Yellowstone Park were placed in the Madison Trailside Museum.

440 - Insect Control

During August several inspection trips were made by Forest Assistant Johnston to gather data on the mountain pine beetle infestation in the park. Inspection trips were also made into the Cody Canyon and Bechler River district to inspect the activity of the spruce bud worm in those regions. The spruce bud worm in the Cody Canyon appears to be much more active than it has for the past two years, and continued severe loss of Douglas fir seems almost inevitable. Although the spruce bud worm is prevalent in the Bechler region, it has not yet reached a seriously destructive stage.

During the middle of August, Mr. J. W. Brooks and one of his assistants, accompanied by Forest Assistant Johnston, made an inspection trip to all of the major camp grounds in the park and other areas where infestations were known to be present, to determine the advisability and possibility of control work.

460 - Birds

Ducks and geese are becoming more numerous over the entire park and are being seen in larger flocks in all of the waters. Eleven osprey were counted at one time in the vicinity of Canyon. Several sandhill cranes were observed at Bechler River. A great horned owl was seen near Norris Hot Springs. The two nesting trumpeter swans are still in the small lake in the vicinity of Lower Falls. Park Ranger Childs at Bechler River says, "It is interesting to note the marked increase of grouse just inside the boundary of the park since the opening of the hunting season." Numerous pelican remained on the Yellowstone River during the month and were observed with great interest by many of our visitors. Two blue herons were seen at Lower Falls, and one at Robin Creek.

470 - Animals

Elk: All elk seen were in excellent condition, with forage conditions very good. Many of these animals are returning to the lower altitudes and are now being seen in larger numbers over the entire park. In a pasture in the vicinity of West Yellowstone, 250 were counted. In and near Gardiner Canyon, 450 were counted. The first bugling of elk was heard about the middle of the month. It was also noted that during the latter part of the month many of the bulls were losing the velvet from their antlers.

Bear: Bear were being seen in increasing numbers the latter part of the month. Their forage conditions were noted as good.

Antelope: Very few antelope have been reported other than the 54 head which are summering on the hayfield at Gardiner.

Moose: In the Thoroughfare country, moose are descending from the high elevations and are now becoming more numerous in the Upper Yellowstone Valley. These animals may also be seen in Yellow Park at almost any time. Moose, as well as elk, are now rubbing the velvet from their antlers. The condition of all moose seen is excellent, with forage conditions very good.

Buffalo: The buffalo corral attendance during the month was 10,064 people as compared with 10,100 last year and 16,424 in 1960. Due to forage conditions in the buffalo corral pasture, it was necessary to feed the herd during the entire month. One hundred seventy-five buffalo calves were counted, which increases the last estimate by 55. The condition of buffalo is very good.

Mountain Sheep: Thirty-five mountain sheep (11 ewes and 24 lambs) may be seen almost daily on Mount Haulborn. They are noted to be in good condition, with forage conditions good and no signs of disease.

Bears: The last of August saw a rapid decrease in the number of reported bear damages and injuries due to the killing of 44 black and 3 grizzly bears. All bears killed were known marauders, and dangerous. The total reported bear incidents up to and including August 31 are itemized as follows:

	1960	1961
Personal injuries	34	77
Damaged automobiles	65	37
" food boxes	14	20
" auto camps	65	26
" housekeeping cabins	177	98
" lodges	5	5
" hotel buildings	none	1
" Government buildings	20	none
Miscellaneous damages	57	8
Total	475	255

Copies of all individual injury and damage reports have been forwarded to your office.

Fishing: 75,000 fish were reported as caught in Yellowstone Park by the visitors themselves who were leaving through entrance stations. During the same period last year, 53,147 fish were caught, and 72,125 were caught during August, 1960.

Ranch Operations: The estimated hay tonnage at the various hay meadows for this year is as follows:

Gardiner Ranch	90	tons
Yancey Ranch	30	"
Upper Slough Creek Ranch	801	"
Lower Slough Creek Ranch	254	"
Buffalo Ranch	475	"
Total	1650	

450 - Natural Phenomena

Hayden Terrace and Diana Terrace continue to extend to the East. On the west they have remained about the same.

Minerva Terrace has become active during the month. The flow of water and rising steam can be seen from the road. The cone is showing a little at the top.

Cleopatra Terrace shows a slight increase in area over last month.

Mound, Main and Narrow Gauge show no appreciable changes.

Baby Spring has increased in flow and now necessitates a delivery under the auto road. Quite a little sulphur bacteria is in evidence about the vents.

Blue Springs has increased in flow until it has almost reached the maximum flow as evidenced earlier in the season.

Highland Terrace has increased in flow from its first outbreak early in the month until all its slopes are wet and the top is covered with algae.

Angel Terrace shows no marked change other than the forming of small basins on the south side. The small outlet to the southeast of Angel Terrace is now bright with color.

Orange Spring Mound shows an increase in flow.

White Elephant Back Terrace shows moisture flowing from its slopes in several spots.

Jupiter remains the same as reported last month. Opal Terrace show increase. The springs below Mound Terrace near the camp have dried up.

Norris Basin

No particular change is noted in the activity of the smaller geysers; Valentine has slacked up considerably; Emerald Spring is not erupting.

Upper Geyser Basin

Beehive Geyser has not been observed in eruption this season.

Cliff Geyser has not erupted this season.

Daisy Geyser has varied in eruption 40 minutes.

Giant Geyser erupted August 18 to a height of 200 feet, with a duration of play of two hours and ten minutes. Activity commenced about 1.30 p.m. About 500 people saw the eruption.

Grand Geyser has erupted at average intervals of about 19 hours. Intervals vary from 16 to 58 hours, with duration of play from 90 to 41 minutes. The number of spurts has been from 8 to 13 per eruption.

Jewel Geyser has been functioning admirably all season as a handkerchief geyser. It proves more spectacular than the Handkerchief Pool. It plays at intervals of five minutes to a height of from 25 to 50 feet, spurting from two to seven times during each eruption. A determined effort should be made to secure cooperation from tourists to prevent the destruction of this feature. Many names have been written on the formation and on two occasions this season logs have been removed from the main vent.

Rainbow Pool is still active as a geyser, playing frequently through the day to a height of from five to ten feet.

Riverside Geyser has been the most regular and dependable geyser on the entire basin, playing at almost exactly an eight-hour interval.

Sunset Lake has been observed in eruption frequently during August. It plays to a height of about two to six feet.

Splendid Geyser has not erupted during June, July or August, 1932.

Sapphire Pool has been a spectacular feature on the auto caravans this entire season for three reasons: (1) One of the most beautiful pools; (2) Superheated; (3) Geyser in action, playing every nine to twelve minutes. Before play a great volume of water flows from the center.

Mortar Geyser is active frequently, playing to a height of from 20 to 30 feet. The duration of play is from eleven to fifteen minutes.

There has been no eruption of Giantess Geyser during August, 1932.

Thistle Geyser has not been observed in eruption during the 1932 season.

There has very definitely been more geyser activity during the 1932 season than in 1931.

500 - Use of Park Facilities by the Public

510 - Increase or Decrease in Travel

The report of travel of the Chief Ranger for August, 1932, together with a table of comparative figures on the travel to September 1, 1932, 1931, and 1930, are attached hereto, also a statement of private automobile travel as classified by states for the 1932 season to September 1. It will be noted that a great decrease is shown in the total travel as compared with 1931 and 1930. The total travel this season to September 1 was 141,250 as compared with 200,207 prior to September 1, 1931, showing a loss of 59,957 and a decrease of 29 per cent.

Private automobile travel for the month shows a loss of 16,[illegible] or a decrease of 27 per cent from the same month last year, and a loss of 30,[illegible] or a decrease of 30 per cent from August, 1930. Rail travel for this month shows a loss of 3,[illegible] or a decrease of 61 per cent when compared with the rail travel for August, 1931, and a loss of 6,[illegible] or a decrease of 7[illegible] per cent from August, 1930. (See attached form).

330 - Special Visitors

Allen, Dr. [illegible] - Geophysical Laboratory, Washington, D. C. Continued his work on thermal areas in the park, working particularly on the Mirror Plateau area. Arrived via Gardiner August 8 and left via Gardiner the 20th.

Bucher, Dr. Walter, - Professor of Geology, University of Cincinnati.

Budd, Ralph - Chicago, Illinois. President of the C.B.&Q. R.R. Company. In east August 31 and out east same day.

Chamberlin, H.F. - Washington, D. C. Secretary of the National Committee of Fine Arts and brother to Arno B. Cammerer. In west gate August 23 and out west Yellowstone 29th.

Camp, Dr. W. H. - Botanist, Ohio State University.

Chamberlin, Dr. Rollin T. - Professor of Geology, University of Chicago.

Clark, F.W. - General Traffic Manager, Northern Pacific Railway, St. Paul, Minnesota. In and out Gardiner August 1.

Coffin, Major Roy - Professor of Geology, Colorado Agricultural College.

Cotsworth, J. - Passenger Traffic Manager, C.B. & Q. R.R., Chicago, Illinois. In Cody August [illegible] and out Cody [illegible]th.

Crosley, Rear Admiral Walter S. - U.S.Navy, Navy Department, Washington, D.C. In West Yellowstone August 2 and out 24th.

Culver, Professor Carole A. - Washington State College, Pullman, Washington.

Davis, John W. - New York City. Democratic candidate for President in 1924 and prominent Democratic leader. In park August 1 only.

Dorsey, G.A. - Denver, Colorado. President Lapsa of Denver. In August 13 and out month 17th.

Flynn, William F. - Anaconda, Montana. Member of the new Montana State Fish and Game Commission, inspecting northern elk range. In Gardiner 26th, out west 27th.

Frick, Childs - Roslyn, New York. Associated with American Museum of Natural History. In Gardiner August 20 and out July 24th.

Galen, Judge Albert J. - Helena, Montana. Associate Judge of the Supreme Court of Montana. In Gardiner August 12.

Greeley, William B. - New York City. Chairman of Committee on Conservation of Forests and Wild Life of Sons of Ire Club of America. In park August 1 with C. H. Van Cleave, Chas Smith and William Rush.

Grove, Robert H. - Vice President, New York Edison Company and Director National Electric Light Association. In south August 22 and out Cody 24th.

Harmond, Dr. John - Cambridge, England. Department of Agrimulture, Cambridge University, England. In park August 1.

Hartzell, Ralph - Denver, Colorado. Denver attorney. In west August 5 and out south 9th.

Hole, Professor Allen D. - Dept. of Geology, Earlham College, Richmond, Indiana. In Gardiner August 12 with party of students from Earlham Dept. of Geology.

Huffman, Dr. John - Ranger, Texas. Former Yellowstone ranger in Yellowstone, lately contender in rowing contest at Olympics in Los Angeles. In park for about a week.

Johnson, F. Dana - Santa Fe, New Mexico. Editor of Santa Fe New Mexican. In east August 15 and out south 16th.

MacNamara, Captain Patrick - British Embassy, Washington, D. C. In north August 10 and out west August 18.

Marsh, Charles - Bear Lodge, Montana. New State Game Warden for Montana. On inspection trip with members of Montana State Fish and Game Commission and members of Forest Service. In Gardiner August 22 and out west 27th.

Meyerhoff, Dr. Howard A. - Smith College, Northampton, Mass.

Osborn, Professor Henry Fairfield - New York City. President of American Museum of Natural History. In park August 24 with Chas. Ranger, Curator of Reptiles, American Museum of Natural History.

Paschall, Dr. Benjamin S. - Economist, Seattle, Washington.

Price, E. L. - Laurel, Montana. Member of new Montana State Fish & Game Commission. On inspection trip with other members of commission and members of Forest Service August 26 and 27.

Prince Frederick of Prussia. Made tour of park entering Cody August 15 and leaving via Gardiner 18th.

Rudder, J. E. - Jefferson City, Missouri. Division Engineer of Missouri State Highway Dept. In park August 10 and 11.

Schlundt, Professor Herman - Columbia, Missouri. Chairman, Committee on the Estimation of Geologic Ages, National Research Council, University of Missouri. In south August 7, worked on radio activity of spring water and formation of hot springs deposits.

Scully, A. H. - Pittsburg, Pa. Prominent sportsman and conservationist. In park with Guido Brick of American Museum of Natural History and party, entering Gardiner August 20 and leaving via Cody 25th.

Sower, Charles H. - New York City. Director of Union Pacific, Western Union and Guaranty Trust. In west August 22 and out west 26th.

Sell, Kurt - Washington, D. C. Correspondent for most important of German newspaper associations. In West Yellowstone August 9 and out west 13th.

Steinbrenner, William - Kingsville, Texas. Member of new Montana State Fish and Game Commission. In park August 26 and 27.

Stuart, Miss Lottie - New Zealand. Official representative of New Zealand Government railways and tourist bureaus. In west 22nd and out west 25th.

Talley, Marion H. - Colby, Kansas. Famous grand opera star. In park August 2 with her husband Herr Senchelsen.

Thaw, Dr. William Taylor - Professor of Geology, Princeton University.

Van Horton, G. E. - New York City. Member of Camp Fire Club and of Yellowstone Park Commission. In park August 1 with William Crowley of Camp Fire Club, and Glen Smith and William Funk of Forest Service.

Wagoner, Harry H. - Palm Springs, Calif. Artist, noted particularly for desert scenes. In park August 17, 18 and 19.

Seller, J. E. - Philadelphia, Pa. Vice President of Pennsylvania Railroad. In Gardiner August 13 and out March 1944.

Women's City Club Tour - St. Paul, Minnesota. About 20 in party. In Cody 30th and out Gardiner end of September.

600 - Protection

610 - Police Protection

Thefts: Several thefts were reported during the month and reports are available in the Chief Ranger's office.

Arrests:

August 3 Gene Donnove, 18 years of age, driver of the hotel company laundry wagon, and Adolph Carlie, age 54, a porter at Mammoth Hotel, were apprehended at the north gate by Ranger Harold F. Tetter with 24 bottles of beer in their possession. This beer was being transported in the hotel laundry truck.

During the same evening Charles F. Marshall, age 24, truck driver for the transportation company, and Carl E. Seibert, age 21, general office boy at the transportation garage, were apprehended by Ranger Tetter at the 5-mile post from Mammoth toward Gardiner, with one-half gallon of moonshine whiskey in their possession.

On August 4, after being notified of the two above incidents, Mr. Nichols released all of the men from his employ.

On August 6, Ranger Tetter apprehended at the north gate [illegible] Snow, age 38, of 126 South 8 Street, Livingston, and Sam Cowell, age 30, of 222 South 10th Street, Livingston, with 24 bottles of beer in their possession. The beer was confiscated and the parties released.

620 - Fire protection

Eleven fires occurred during the month of August, only one of which reached more than one acre in size. Continued hot dry weather until the 20th of August produced a serious fire hazard during this month. The Gardiner District fire, the only Class C fire of the season — until September 1, was discovered August 22 at 12.55 p.m. By 1.30 p.m. the fire, swept by a strong wind, had reached several acres in size, and was sweeping across the plateau. Approximately 150 men were used for four days in suppression of this fire, which burned approximately 2020 acres. The fire was placed under control within one week and rains and snows made it safe to be left in the hands of three patrolmen after August 29.

830 - Accidents

During the month a total of sixteen automobile accidents was reported. Copies of reports of these accidents are in the Superintendent's files.

900 - Miscellaneous

Post Office: Business for the month of August showed a decline of about 40 per cent, although the travel was only about 50 per cent under last year.

One branch of the service, however, shows a decided increase - the Postal Savings Department - to which many are turning with their savings, and which is increasing at the rate of several thousand dollars per month.

Church Services: Roman Catholic masses were held every Sunday during August, at 6.00 a.m. and 8.00 a.m., in the chapel at Kenneth.

Protestant services were also held at 10:30 a.m. and 5:00 p.m. every Sunday as follows:

August 7 - Episcopal, both morning and evening.
14 - Methodist, morning; Congregational, evening.
21 - Baptist, both morning and evening.
28 - Visiting evangelist, morning; Methodist, evening.

Hospital and Medical: The number of patients admitted to the hospital, professional calls made in the park and miles traveled from August 1, 1938, to September 1, 1938, are as follows:

Sick	19
Minor surgical	10
Major surgical	3
Heart cases	3
Minor injuries	12
Major injuries	1
Typhoid fever	1
Burn from hot pool	1
Total	50

There were two deaths, both due to cardiacal failure.

Number of miles traveled	1,000
Number of calls in park, majority employees	[illegible]
Number of complete tours of park, checking dispensaries, looking after guests and employees	6
Number of minor operations, dressings, etc. at hospital	125
Number of calls upon nurses throughout park dispensaries by employees and guests, majority employees	[illegible]

Reception for Director Albright: Superintendent and Mrs. Tull gave a reception for Director Albright on the night of August 10 at their home and more than 200 people attended. Director Albright was very pleased with the opportunity to meet so many of the park people on this one occasion.

Yours very truly,

Guy P. Edwards
Acting Superintendent.

0-157
y, 1929)

DEPARTMENT OF THE INTER R

NATIONAL PARK SERVICE

TRAVEL REPORT

Yellowstone National Park for the month of August, 1932

	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
ATE TRANSPORTATION:						
first entry, ...	12450	37646	17224	52659	-15013	-28
reentry, ...	1859	4327	2254	5101	-774	-15
rcycles, ...	35	108	36	138	-30	-22
al motor vehicles, ...	14344	42081	19514	57898	-15817	-27
ons entering via motor cles, ...	46008	133587	62663	183734	-50147	-27
ons entering via other ate transportation, ...	327	1195	158	586	609	104
al persons entering via vate transportation, . . .	46335	134782	62821	184320	-49538	-27
TRANSPORTATION:						
ons entering via stages, .						
ons entering via trains, .	2572	6498	6567	15967	-9469	-59
ns entering otherwise, . .						
al other transportation, .	2572	6498	6567	15967	-9469	-59
TOTAL ALL VISITORS, . . .	48907	141280	69388	200287	-59007	-29

	This Year	Last Year	Increase Number	Increase Percent
biles in public camps during month, ...	9134	15101	-5967	-39
s in public camps during month, ...	29046	47870	-18824	-39

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TRAVEL REPORT

Travel Voucher

National Park or Site Name ..... Fiscal Year 19..

	Date Travel Began To Date	Date Travel Ended To Date	Joint Travel Voucher Yes - No	Travelers Use Special Fare Airfare	Other
Travel Expenses:					
Air fare/rate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Per diem	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Mileage	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total motor vehicle	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Other motorized air motor vehicle	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Non motorized air other transportation	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total public transportation (air, rail, transportation)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Other Expenses:					
Other expenses (air freight)					
Other expenses (air freight)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Other expenses (lodging)					
Other expenses (other transportation)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total other expenses	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

	Date Travel Began To Date	Date Travel Ended To Date	Joint Travel Voucher Yes - No	Travelers Use Special Fare Airfare	Other
Grand total (air, rail, motor vehicle, other transportation)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Grand total (other expenses)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

STATEMENT SHOWING AUTOMOBILE TRAVEL BY STATES
YELLOWSTONE NATIONAL PARK - SEASON OF 1932 THROUGH AUGUST

	NORTH		WEST		EAST		SOUTH		TOTAL	
NAME OF STATE	Cars	Pass-engers	Cars	Pass-engers	Cars	Pass-engers	Cars	Pass-engers	Cars	Pass-engers
Alabama	2	9	17	53	19	66	10	36	48	164
Arizona	18	46	59	177	31	94	31	100	139	417
Arkansas	3	9	18	59	20	62	14	35	55	165
California	538	1501	1936	5490	897	2572	437	1260	3808	10823
Colorado	132	358	156	491	491	1498	354	1086	1133	3433
Connecticut	18	56	55	159	69	212	12	33	154	460
Delaware	2	5	10	21	4	11	6	15	22	52
Dist. of Col.	13	35	38	115	65	180	16	39	132	369
Florida	21	59	51	144	59	176	27	83	158	462
Georgia	6	19	29	104	19	64	17	147	71	334
Idaho	61	173	1274	5014	76	240	214	804	1625	6231
Illinois	237	779	355	1134	1072	3323	225	700	1889	5936
Indiana	75	231	136	412	235	749	106	313	552	1705
Iowa	90	259	159	547	496	1540	93	288	838	2634
Kansas	89	506	151	505	297	979	157	505	694	2495
Kentucky	11	34	53	214	41	135	21	76	126	459
Louisiana	6	18	23	72	20	70	11	38	60	198
Maine	4	10	9	26	14	38	3	10	30	84
Maryland	15	44	59	184	60	180	14	40	148	448
Massachusetts	53	151	92	246	178	487	32	90	355	974
Michigan	105	330	173	546	503	1497	64	215	845	2588
Minnesota	302	996	210	691	600	1839	50	166	1162	3692
Mississippi	6	24	18	70	9	32	8	26	41	152
Missouri	68	199	163	543	327	1046	187	637	745	2425
Montana	1547	5288	1154	4103	554	1928	72	232	3327	11551
Nebraska	71	216	105	357	460	1512	140	485	776	2570
Nevada	6	18	60	173	10	32	16	49	92	272
New Hampshire	2	6	7	21	20	56	4	14	33	97
New Jersey	65	188	119	343	246	796	61	182	491	1509
New Mexico	15	39	24	87	15	41	16	46	70	213
New York	124	344	382	1119	736	2088	133	389	1375	3940
North Carolina	10	35	32	166	18	86	7	23	67	310
North Dakota	141	458	88	295	164	578	8	25	401	1356

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Yellowstone National Park for the Month of August, 1932

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
Mammoth Sewer System	100			
Mammoth Sewer System	85	20	80	10/1/32
Signs	100			
Post Cons. Maintenance	100			
Trails, Old Faithful	100	2	8	
Trails, Biscuit Basin	20	15	5	10/15/32
Surface Betterments*	100	0	0	
Parking Area, Madison Museum	99	43	32	9/10/32
Gallatin Road, Surf. & Oil.	70	20	25	9/25/32
Obsidian Cliff-Cascades Pavmt.	50	34	16	10/20/32
Canyon-Tower Jct.Cleanup & Oil.	20	10	10	10/31/32
Norris-Madison Road, Staining rail, and seal coat	98	13	0	9/15/32
E.Entrance R., Staining rail	100	0	1	
Terraces-Obsidian Cliff, Oil.	40	0	20	9/30/32
Canyon Jct.-Tower Jct. Pavmt.	93			9/10/32
East Entrance Betterment	50	35	15	10/15/32
Inspiration Pt. Road Cleanup	0	0	0	8/30/32
Obsidian Cliff-Firehole Cascades cleanup	0	0	0	9/30/32
Approach Road, Jackson Lodge	100	100	0	

*Final report for work of 1931 season submitted from F Hill Construction.

Further work to be done under surfacing contract.

10-161

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

[illegible], 19[illegible]

[illegible]
Old Faithful
Fishing Bridge

	Number	Value
GOVERNMENT PUBLICATIONS:		
On hand beginning of month,	1400	415.70
Received during month,	[illegible]	[illegible]
Total,	[illegible]	1144.60
Sold during month,	1[illegible]	[illegible]
On hand at close of month,	1[illegible]	[illegible]
NON-GOVERNMENT PUBLICATIONS:		
On hand beginning of month,	978	[illegible]
Received during month,	419	[illegible]
Total,	1397	[illegible]
Sold during month,	[illegible]	[illegible]
On hand at close of month,	[illegible]	[illegible]
Cash on hand beginning of month,		[illegible]
Sales during month,		[illegible]
Total,		[illegible]
Remitted during month,		[illegible]
Balance,		[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

	Number	Value
GOVERNMENT PUBLICATIONS:		
On hand beginning of month		
Received during month		
Total		
Sold during month		
On hand at close of month		
NON-GOVERNMENT PUBLICATIONS:		
On hand beginning of month		
Received during month		
Total		
Sold during month		
On hand at close of month		
Cash on hand beginning of month		
Sales during month		
Total		
Remitted during month		
Balance		

-159
. 1931)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF PERSONNEL

ellowstone National Park for the Month of August, 1932

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
r of employees beginning of month	139	571	148	664
r of additions	1	83	0	93
al	140	654	148	757
r of separations	13	117	18	358
r of employees close of month	127	537	130	399
r of promotions during month	0		1	
gate amount of annual leave taken			14	
" " Legislative Furlough	-**40.5 *6		8	
gate amount of sick leave taken				
gate amount of leave without pay	40.5		29	

*3 in July
**1½ days in July

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

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

National Park for the Month of _____ Year _____

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Total employees (permanent or temporary)	128	271	124	304
Temporary employees	3	68	0	[illegible]
Permanent employees	125	[illegible]	124	[illegible]
Employees on duty	12	127	12	[illegible]
Employees not on duty	120	[illegible]	120	[illegible]
Employees leave of absence				
Employees leave without pay	0		1	
Employees on sick leave			14	
Employees on annual leave				
Employees on military leave			0	
Employees on other authorized leave				
Employees on leave without pay	0.1		0	

-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Yellowstone National Park for the Month of August, 1932

	This Year	Last Year
rk revenue on hand beginning of month, ...	10,147.10	
ceived, ...	38,756.75	62,481.85
Total, ...	48,903.85	62,481.85
mitted, ...	38,451.65	46,997.25
hand close of month, ...	10,452.20	15,484.60

rk revenues received this year to date, ...	86,498.76
rk revenues received last year to date, ...	128,785.53
~~Increase~~, Decrease	42,286.77
Per cent of ~~increase~~, Decrease	32.835

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

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

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

[illegible]rk revenues received this year to date, ... [illegible]

[illegible]rk revenues received last year to date . . . . . [illegible]

~~Increase~~, [illegible] . . . . . [illegible]

Per cent of ~~increase~~, [illegible] . . . . . [illegible]

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

Yellowstone National Park for the Month of August

	This Month	This Month Last Year	Increase	Percent Increase
AL BUSINESS				
es of circuit maintained, ...	542	532	10	1.87
of telephones connected, ...	196	191	5	2.62
of measured service calls, ...				
of other local calls, ...				
al No. of local calls, ...	19,916	11,689	8,227	70.38
k load in calls per day, ...	1,285	526	759	144.29
eipts from measured service calls, . .				
" " coin boxes, ...				
" " telephone rental, ...				
TOTAL RECEIPTS				
G DISTANCE BUSINESS				
Outbound calls, ...	248	173	75	43.35
Inbound calls, ...	179	133	46	34.59
TOTAL LONG DISTANCE CALLS				
k load in calls per day, ...	22	12	10	83.33
eipts from Long Distance business, . .				
GRAPH BUSINESS				
ages via Western Union, ...				
ages via				
TOTAL MESSAGES				
ipts from telegraph business, ...				
of money transfer messages, ...				
" " " receipts, ...				
AL RECEIPTS TELEPHONE & TELEGRAPH DEPTS-				

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible] OF TRAVELERS AND TOURISTS BUSINESS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	THIS MONTH LAST YEAR	[illegible]	[illegible]
[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC

Yellowstone National Park for the Month of August, 1932

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Decrease for Travel Year Number	Decrease for Travel Year Percent
rent generated, ...	47,991	94,881	95,510	179,250	84,369	47.06
l to park operators, . . .	12,227	24,622	17,400	37,827	13,205	34.9
l to others, ...						
ished to other Governmental gencies, ...						
l by National Park Service, st in transit, etc., . . .	35,764	70,259	78,110	141,423	71,164	50.3
tal current generated, . .	47,991	94,881	95,510	179,250	84,369	47.06

nt receivable from the sale of electricity, ... $ 511.35

dicated by K. W. H.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TELEPHONE SERVICE, SOUTH, DEC. 1935

Telephone ... Monthly Bill for the Month of ..., 1935

	Total Number	Total Time Travel Used (In Min.)	Total Time Month Used (In Min.)	Total Time Travel Used (In Min.)	Charges for Travel Time Number	Charges for Travel Time Dollars
...rent generated, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
...l to park operators, . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
...l to others, ...						
...ched to other Governmental ...ncies, ...						
...e by National Park Service, ...lt in transit, etc	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
T...al current generated,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

...nt receivable from ..., not in ..., $ [illegible]

...icated by K. W. H.

SUMMARY OF WEATHER CONDITIONS
at
MAMMOTH HOT SPRINGS, YELLOWSTONE NATIONAL PARK

August, 1932.

The average temperature of the first fifteen days of August was below normal, the next fifteen averaged above normal. The month closed with a small departure below normal, - 0.3 . Average temperature for August was 60.6 degrees, the normal being 60.9 degrees. Maximum temperatures in the 80's were frequent from the 3d to the 21st, inclusive, with the extreme of the month, 87°, on the 17th. This figure was only one degree under the August record for high temperature. Low temperatures were not in any way remarkable until the last two or three days of the month. On the 29th a marked fall in temperature began. The maximum for that date was 58°, the lowest maximum of the month so far. At midnight the falling temperature had reached 33°. It fell to 29.2° on the morning of the 30th, and to 29.1° on the morning of the 31st, with maxima of 49° and 53°, respectively, on those dates. A minimum temperature of 23° was registered in August, 1910.

This drop in temperature was accompanied by the heaviest precipitation of the month. 0.51 inch fell within 24 hours on the 29th-30th. The particularly remarkable feature of this precipitation, however, was that it was largely comprised of snow. At midnight of the 29th snow had covered the ground to an average depth of 1.5 inches. Ending during the early morning following, a total of 1.8 inches was laid down and remained at 6 a.m., disappearing during mid-morning. In snowfall records extending back to 1887, this is the first time more than a trace (less than one-tenth of an inch) has been observed in August. A new record is thus established.

The month's total precipitation was 0.97 inch, or 0.10 inch less than normal. It was 0.22 inch more than the total of last August, but far less than the 4.13 inch total of August, 1930.

Relative humidity averaged a little higher than last August, the following figures permitting ready comparison:

	6 a.m.	local noon	6 p.m.
1932	66.0	27.6	29.2
1931	65.5	27.2	27.4
1930	84.2	49.7	54.3

Sunshine was recorded during 75% of the time when the sun was above the horizon. The prevailing wind direction was southwest, with an average velocity of 7.9 miles per hour (for all directions), and a maximum velocity for the month of 35 miles per hour, which occurred during a squall on the afternoon of the 19th. An aurora was observed on the night of the 1st. A small amount of hail fell, mixed with rain, on the 10th. Thunderstorms were frequent, particularly in a sequence of seven days from the 15th to the 21st, inclusive. Heavy frost was observed on the morning of the 31st.

W. T. LATHROP, Meteorologist.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TRAVEL REPORT

Yellowstone

NATIONAL PARK SYSTEM OF THE UNITED STATES

January, 1966

	This Month	Plus Travel Month Last Year To Date	This Month Last Year	Year To Date Last Year	Increase or Decrease This Month	Increase or Decrease Year To Date
STATE TRANSPORTATION						
Rental cars,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rental trucks,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Motorcycles	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total motor vehicles	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Other motorized vehicles (boats, snowmobiles)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Other motorized air vehicles (helicopters)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total persons entering via private transportation	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NON-MOTORIZED						
Horse entering (1 person)						
Non-motorized air vehicles	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Boat entering (1 person)						
Total other transportation	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Grand total all entries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

	This Month	Last Year	Increase or Decrease
Vehicles in motor vehicle entering park	[illegible]	[illegible]	[illegible]
Persons in motor vehicle entering park	[illegible]	[illegible]	[illegible]

STATEMENT SHOWING AUTOMOBILE TRAVEL BY STATES
YELLOWSTONE NATIONAL PARK - SEASON OF 1932 THROUGH AUGUST

NAME OF STATE	NORTH		WEST		EAST		SOUTH		TOTAL	
	Cars	Pass-engers	Cars	Pass-engers	Cars	Pass-engers	Cars	Pass-engers	Cars	Pass-engers
Alabama	2	9	17	53	19	66	10	36	48	164
Arizona	18	46	59	177	31	94	31	100	139	417
Arkansas	3	9	18	59	20	62	14	35	55	165
California	538	1501	1936	5490	897	2572	437	1260	3808	10823
Colorado	132	358	156	491	491	1498	354	1086	1133	3433
Connecticut	18	56	55	159	69	212	12	33	154	460
Delaware	2	5	10	21	4	11	6	15	22	52
Dist. of Col.	13	35	38	115	65	180	16	39	132	369
Florida	21	59	51	144	59	176	27	83	158	462
Georgia	6	19	29	104	19	64	17	147	71	334
Idaho	61	173	1274	5014	76	240	214	804	1625	6231
Illinois	237	779	355	1134	1072	3323	225	700	1889	5936
Indiana	75	231	136	412	235	749	106	313	552	1705
Iowa	90	259	159	547	496	1540	93	288	838	2634
Kansas	89	506	151	505	297	979	157	505	694	2495
Kentucky	11	34	53	214	41	135	21	76	126	459
Louisiana	6	18	23	72	20	70	11	38	60	198
Maine	4	10	9	26	14	38	3	10	30	84
Maryland	15	44	59	184	60	180	14	40	148	448
Massachusetts	53	151	92	246	178	487	32	90	355	974
Michigan	105	330	173	546	503	1497	64	215	845	2588
Minnesota	302	996	210	691	600	1839	50	166	1162	3692
Mississippi	6	24	18	70	9	32	8	26	41	152
Missouri	68	199	163	543	327	1046	187	637	745	2425
Montana	1547	5288	1154	4103	554	1928	72	232	3327	11551
Nebraska	71	216	105	357	460	1512	140	485	776	2570
Nevada	6	18	60	173	10	32	16	49	92	272
New Hampshire	2	6	7	21	20	56	4	14	33	97
New Jersey	65	188	119	343	246	796	61	182	491	1509
New Mexico	15	39	24	87	15	41	16	46	70	213
New York	124	344	382	1119	736	2088	133	389	1375	3940
North Carolina	10	35	32	166	18	86	7	23	67	310
North Dakota	141	458	88	295	164	578	8	25	401	1356

U. S. DEPARTMENT OF AGRICULTURE.

WEATHER BUREAU.

MONTHLY

METEOROLOGICAL SUMMARY.

STATION

_____

_____

MONTH

_____, 19

8—1650 U. S. GOVERNMENT PRINTING OFFICE: 1929

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK

1932 COMPARATIVE TRAVEL FIGURES WITH 1931 AND 1930
SEASON THROUGH AUGUST 15, 1932

1932

ENTRANCE	RAIL (People) Hotels	Lodges	Total	MOTOR Cars	People	Miscl. People	TOTAL People
North	633	945	1578	8187	25059	621	27258
West	1109	1430	*2539	11382	37545	263	40352
East	459	687	1146	11843	37079	161	38386
South	12	34	46	3817	12216	14	12276
TOTALS	2213	3096	5309	35229	111899	1064	118272

1931

ENTRANCE	RAIL (People) Hotels	Lodges	Total	MOTOR Cars	People	Miscl. People	TOTAL People
North	1800	2535	4335	10275	31523	156	36014
West	2808	3770	**6578	16531	54347	216	61141
East	1051	1339	2390	16805	52623	117	55130
South	28	57	85	5282	16516	19	16620
TOTALS	5687	7701	13388	48893	155009	508	168905

1930

ENTRANCE	RAIL (People) Hotels	Lodges	Total	MOTOR Cars	People	Miscl. People	TOTAL People
North	2980	2971	5951	10322	31297	155	37403
West	4732	4748	9480	17441	57106	308	66894
East	1673	1764	3437	15233	48095	186	51718
South	28	5	33	5483	17567	20	17620
TOTALS	9413	9483	18901	48479	154065	669	173635

TRAVEL DATA

Largest day's entrance travel, 4070 on July 3, 1932; as compared with the record of 6259 on July 4, 1931.

Largest number of motor vehicles entering park in a single day this season, 1103 on July 3rd; as compared with 1670 on July 4, 1931, and 1296 on July 4, 1930.

TRAVEL SUMMARY

Total travel through August 15, 1932, 118272; last year 168905; loss 50633.

Total travel for month of Aug. to date, 25899; last year 38006; loss 12107.

Rail travel for month to date, 1383; last year 3988; loss 2605.

Average daily travel this month to date, 1727; as compared with 2536 last year and 2647 for 1930.

Average daily entrance of motor vehicles during month to date, 499; as compared with 701 last year and 706 for 1930

Average number of people per car this season to date, 3.18.

*Union Pacific 2082; C.M.St.P.& P. 435; Northern Pacific 22; Total 2539

**Union Pacific 5245: C.M.Ct.P.& P. 1017: Northern Pacific 316; Total 6578

Fish caught in park this season to date, 64221; last year, 76835.

Department of the Interior
Yellowstone National Park
Yellowstone Park, Wyoming

YELLOWSTONE PARK NEWS LETTER

Vol. 2. No. 10 August 30, 1932

Joseph Joffe, Asst. to the Supt. | George Baggley, Chief Ranger | Dr. C. Max Bauer, 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

Roads in the Park -- Maintenance work is being carried on throughout the park, but no delay in traffic. Construction is still in progress from Tower Junction to just beyond the Overhanging Cliff. The construction on the road through the Hoodoos is not interfering with traffic and the road is much improved. Rains have improved the dust condition both here and through Dunraven Pass.

Roads Outside the Park -- No unfavorable reports have been received concerning the roads outside of the park, but if heavy rains should continue throughout the week, it is advised that you call the east and south gates as to the condition of the approach roads. Teton Pass dries rapidly, but is not advisable if heavy rains are falling.

- 0 0 0 -

Fred Morrell of the branch of public relations, U. S. Forest Service, Washington, D. C., father of Park Ranger Rowe Morrell, entered the park at the north gate on August 29, and will spend about a week here.

The Cinelog Corporation mentioned in the last two issues of the News Letter which was to take sound pictures in the park has now advised us that their truck carrying the sound equipment left New York on August 24 and is due to arrive at the east gate around September 1. The sound equipment will be handled by Carl del Riccio and Allen Johnson, while Leo Lipp, the camera man, and Daniel Cavelli, his assistant, will come in at the east gate in another car with the sound truck. Mr. Lorenzo del Riccio, the president of the corporation will enter via the north gate about September 1, coming to the park by train. The party will spend about two weeks photographing the park features.

The Women's City Club tour of St. Paul, Minn., entered the park at the east gate on August 30, spending the night at Canyon. The night of the 31st will be spent at Old Faithful. On September 1 the party will return to the Canyon via Thumb and Lake, and on the 2nd will come to Mammoth and leave Gardiner that night. The party will be made up of about 30 people.

Mr. Edward M. Groth, American Consul from Copenhagen, Denmark, is due to arrive in the park via the east gate on September 3 from Glacier Park.

Mr. W. T. Lathrop, weather observer at Mammoth, reports that all snow records since 1887 for the month of August were broken on the night of August

29 and the morning of August 30 when 1.8 inches of snow fell at park headquarters. The records show that there was never more than a trace of snow for August in any previous year. The minimum temperature recorded for Mammoth during this snowstorm was 29.2, which is not a record as the reports show that in 1910 a minimum temperature of 23 degrees was recorded in August.

Effective September 1, 1932, the Mammoth hotel telegraph operator will be on duty from 7:00 a.m. to 10:30 a.m.; 12:00 noon to 3:00 p.m.; and 5:30 p.m. to 9:00 p.m. or until clear. A clerk will be on duty in the telegraph office to cover the counter and telephone while the operator is off duty.

The permanent lodges at Mammoth, Old Faithful, and Canyon will close for the season after breakfast on September 6. Old Faithful Inn will close on September 18, while the hotels at Canyon and Mammoth will close on September the transportation line will take care of rail visitors until the latter date, although it will be necessary that rail visitors reach the park by September 15 in order to make the park tour. The housekeeping cabins and cafeterias at Old Faithful and Fishing Bridge will continue operations until September 18, after which date and until October 10, or later if business warrants, meals and lodging will be obtainable at the Hamilton stores at Old Faithful and Lake. The housekeeping cabins, cafeteria, and Hamilton's store at West Thumb will close on September 18, and the housekeeping cabins and Haynes store at Tower Falls will close on September 19. The housekeeping cabin and cafeterias at Mammoth and Canyon will remain open until October 1 or later as business warrants. The general stores and gasoline stations at Mammoth, Old Faithful, Lake, and Canyon will remain open until October 1 or later as business warrants.

A special tour for southern Montanans has been arranged over the Labor Day holidays, September 4 and 5, at a reduced rate of $4.00 for the trip, which will include lunch, dinner, and lodging at Old Faithful Lodge on Sunday, September 4, breakfast at Old Faithful Lodge on September 5, and lunch at Canyon Lodge on September 5. Mr. Sol Frank of the entertainment committee of the Livingston Kiwanis Club has charge of the sale of tickets. Special ranger naturalist guide service will be accorded this party on their park tour. The tour will be conducted on the caravan idea, which is now carried on in the park, the visitors coming to the park in their own cars.

- 0 0 0 -

The Twin Geysers at West Thumb, which ordinarily are merely bubbling pots created a sensation when they erupted simultaneously about 7:30 p.m. Friday evening, August 26. The geysers threw mud, rocks, tree stumps, branches, and other debris to a height of 50 or 60 feet at an angle, and covered a distance of about 60 yards, some of it covering the main highway. Another eruption occurred about 7:30 a.m. the following morning when clear water was emitted from the two openings, and shot to a height of from 75 to 100 feet. One other eruption occurred the same day, but since then the Twins have shown no further signs of real activity.

Flocks of geese and ducks are to be seen on many of the lakes and streams the past few days. This makes one feel that fall is fast approaching. However, the visitor who is fortunate enough to visit Yellowstone in the fall enjoys many of the pleasures not afforded the mid-season visitor.

Several have reported hearing the bugle of elk the past week. A bull elk near Norris has practically shed the velvet from his horns. Many moose have been seen near the roads recently.

Another outstanding milestone in the educational development in Yellowstone Park was passed Saturday evening when the open-air amphitheater at Old Faithful was dedicated to serve the many visitors at this point. Much credit is due the builder, Herbert Maier, for the splendid development and the rapidity of preparation. This is another of the fine projects carried on under the supervision of the American Association of Museums.

No important changes in schedules will be made in the educational work until after Labor Day, although several of the members of the staff are being released this week.

- 0 0 0 -

Announcement has been received from Superintendent P. P. Patraw of Zion and Bryce Canyon National Parks that on September 6 or shortly thereafter the hotel accommodations in those parks will be somewhat curtailed for the remainder of the season. The central lodge at Bryce Canyon is to be closed, but the cabins will be maintained and dining service will be provided in the new cafeteria. The only curtailment of service in Zion National Park will be a reduction to "informal" service, which in effect is not appreciably different from the full service.

Grand Canyon Lodge, on the North Rim of Grand Canyon National Park, is also to be closed, but dining and lodging service may be obtained thereafter in the cafeteria and auto camp unit as well as in the lodge cabins.

The National Park Service advises any person who contemplated visiting these places after September 6 not to change their plans. "Very satisfactory accommodations, at low rates, will be available for all visitors after the change is made and at least until the customary seasonal closing dates," Superintendent Patraw states. "So far as the visitor is concerned, he will be as comfortably accommodated as before. The seasonal closing dates are approximately October 1 at Bryce Canyon and the North Rim, and October 15 at Zion."

- 0 0 0 -

Yellowstone National Park travel report for week ending August 29, 1932.

	1932		1931		Percentage	
	Cars	People	Cars	People	Increase	Decrease
By private car	2680	8428	3509	10912		23 %
By rail		345		976		65 %
Miscellaneous		49		35	40 %	
TOTAL FOR WEEK	2680	8822	3509	11923		26 %
Previously reported	38863	130708	53607	185721		29 %
TOTAL TO DATE	41543	139530	57116	197644		29 %

Grand Teton National Park travel report for week ending August 29, 1932.

	1932		1931		Percentage	
	Cars	People	Cars	People	Incr.	Decr.
Yellowstone National Park to Grand Teton National Park	384	1314	671	2117		38 %
Grand Teton National Park to Yellowstone National Park	166	548	210	608		10 %
Yellowstone National Park to Teton Nat'l. Park and return	58	204	92	267		24 %
TOTAL FOR WEEK	608	2066	973	2992		31 %
Previously reported	6674	21666	10431	32660		34 %
TOTAL TO DATE	7282	23732	11404	35652		33 %

REMARKS: Teton travel as taken at the south entrance of Yellowstone Park.

Department of the Interior
Yellowstone National Park
Yellowstone Park, Wyoming

YELLOWSTONE PARK NEWS LETTER

Vol. 2. No. 9 August 23, 1932

Joseph Joffe, Asst. to the Supt. | George Baggley, Chief Ranger | Dr. C. Max Bauer, 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

Roads in the Park -- Roads are generally improved throughout the park with the repair of rough spots between Lake and Canyon, Fountain and Old Faithful (some work is still in progress at Midway Geyser Basin) and Obsidian Cliff to Golden Gate. Construction work is still in progress between the Tower Creek Bridge and Overhanging Cliff and just out of Mammoth from the 2-mile post through Silver Gate. The cut-off between Norris and Canyon is rough. Repair and oiling work is still in progress on the East Entrance road and the Gallatin approach road.

Reports on road conditions outside of the park remain about the same. Recent rains in the Black Hills have greatly benefitted the highways.

- 0 0 0 -

Mr. Robert B. Grove, vice-president of the New York Edison Co., entered the park at the north gate on August 22, and is leaving via Cody on the 24th. He is accompanied by Mrs. Grove.

Miss Dathie Stuart, official representative of the New Zealand Government Railways and Tourist Bureaus in New Zealand, entered the park at the west gate on August 23, and will make a 4½ day tour.

Charles B. Seger, a director of the Union Pacific Railway System, arrived at the park at the west gate on August 22. Mr. Seger has a private car on the railroad, and is making this his headquarters at West Yellowstone. Trips are made each day into the park. Mr. Seger, accompanied by Mrs. Seger, expects to spend about a week here.

Mr. A. Cotsworth, passenger traffic manager for the Burlington Railroad, entered the park at the east gate on August 22, and will spend about 3 days in the park.

G. A. Moskey, Asst. Director of the National Park Service, in charge of legal matters, entered the park at the west gate on August 21. He will leave via the same gateway on the 27th.

Mr. T. C. Vint, landscape architect of the National Park Service, entered the park via the north gate on August 14, having come from San Francisco with Director Albright. Mr. Vint expects to remain here until August 26 or 27.

Director Albright left the park via the Cooke entrance on Saturday, August 20, and went to Billings by horseback and car, leaving Billings on the night of August 21 for Glacier, where he is due to remain until about September 2.

Lorenzo del Riccio, president of the Cinelog Corp., New York City, is due to enter the park at the north gate on August 24 to take motion pictures with sound of natural phenomena of the park.

Mr. H. P. Caemmerer, secretary of the commission of fine arts, Washington, D. C., and brother of A. B. Caemmerer, Asst. Director of the National Park Service, is due to enter the park at the west gate on August 25.

The Women's City Club Tour of St. Paul is due to arrive via Cody on August 30, and will leave via Gardiner September 2. The party will be made up of about 35 members, and is sponsored by the Women's City Club of St. Paul

Jackson Lake Lodge, two miles north of Moran, was closed for the season on August 16. First class accommodations are available at Teton Lodge at Moran.

Joe H. Mader, who has been handling the park publicity this summer left the park on August 20. Mr. Mader will be working for a few days in Butte with the Continental Oil Co. in connection with a radio program on the Yellowstone which the Continental Oil people expect to sponsor this winter. Following this Mr. Mader will return to Grand Forks, North Dakota, where he is to have charge of the journalistic department at the University of North Dakota.

- 0 0 0 -

Sunday evening Mammoth guests and government employees enjoyed an unusual privilege made possible by Dr. Frank R. Oastler. Three reels of films showing the trumpeter swan, beaver and bear were shown before a most enthusiastic audience. Dr. Oastler is spending the summer in the park photographing our wild life and has procured some unusual pictures.

The new trail into the Artists Pairtpots is in excellent condition The paintpots are most beautiful, the trail is not over a half-mile in length and is an easy grade. Visitors can be directed from either Norris or Madison

- 0 0 0 -

Yellowstone National Park travel report for week ending August 22, 1932.

	1932		1931		Percentage	
	Cars	People	Cars	People	Increase	Decrease
By private car	3634	11635	4714	15367		24 %
By rail		733		1413		48 %
Miscellaneous		68		36	89 %	
TOTAL FOR WEEK	3634	12436	4714	16816		26 %
Previously reported	35229	118272	48893	168905		30 %
TOTAL TO DATE	38863	130708	53607	185721		29 %

Grand Teton National Park travel report for week ending August 22, 1932.

	1932		1931		Percentage	
	Cars	People	Cars	People	Incr.	Decr.
Yellowstone National Park to Grand Teton National Park	512	1851	784	2586		28 %
Grand Teton National Park to Yellowstone National Park	271	895	334	1064		16 %
Yellowstone National Park to Teton Nat'l. Park and return	74	243	112	343		29 %
TOTAL FOR WEEK	887	2989	1230	3993		25 %
Previously reported	5787	18677	9201	28667		35 %
TOTAL TO DATE	6674	21666	10431	32660		33.7 %

REMARKS: Teton Travel as taken at the South Entrance of Yellowstone Park.

Department of the Interior
Yellowstone National Park
Yellowstone Park, Wyoming

YELLOWSTONE PARK NEWS LETTER

Vol. 2. No 8. August 16, 1932

Joseph Joffe, Asst. to the Supt. | George Baggley, Chief Ranger | Dr. C. Max Bauer, 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

Roads in the Park -- All entrance roads to the main loop are in good condition with patches being repaired on the East and Gallatin entrance roads. Between Mammoth and Norris there is considerable construction from the 2-mile post through the Hoodoos. The road between Golden Gate and the Obsidian Cliff has been given a light coat of oil but is still rough and dusty in places. There are a few rough spots between the Midway and Upper Geyser Basins and oiling crew and grader are working between Fishing Bridge and Canyon. From Canyon to Tower Falls the road is fine but dusty. Between Tower Falls and Cooke Station the road is rough. Tower Falls to Mammoth is good and other roads not mentioned are good to excellent.

Roads outside the Park -- There is no change reported for roads outside the park.

- 0 0 0 -

Director Horace M. Albright arrived in the park on the evening of August 15 and will spend one week going over various projects. His schedule is as follows: Night of the 16th, Old Faithful; to Teton on the 17th, spending night there; to Cody on 18th, staying there that night; to Canyon on 19th for night; to Mammoth on morning of 20th, and then to the Nordquist Ranch near Cooke for night; then by horseback over Red Lodge-Cooke road, going out Billings night of 21st to Glacier Park.

Chief Landscape Architect T. C. Vint arrived in the park on the night of August 14, and will remain here for about 10 days covering various projects.

Professor Allen D. Hole of the Dept. of Geology, Earlham College, Richmond, Ind., entered the park at the north gate on August 12 with a party of geology students. The party expects to spend a couple of weeks in the park.

D. H. Madsen, Supervisor of Wild Life Resources, returned to the park via West Yellowstone on August 8, and is going to the Grand Teton Park with Director Albright.

G. A. Moskey, Asst. Director in charge of legal matters, expects to arrive in the park via West Yellowstone on August 27.

Robert B. Grove, vice president of the New York Edison Co., and director of the National Electric Light Association, is due to arrive via the north gate on August 22, accompanied by Mrs. Grove.

Lorenzo del Riccio, president of the Cinelog Corporation, New York City, expects to come to the park about August 24 to take sound motion pictures of the natural phenomena of the park.

Joe H. Mader, who has been handling the publicity in the park during the summer, leaves on August 19. Mr. Mader is returning to the University of North Dakota to have charge of the journalistic department.

- 0 0 0 -

The following change in schedule at Mammoth went into effect Sunday August 14: Sunrise Hike - 6:00 a.m. instead of 5:30 a.m.

A marked increase in activity of the hot springs at Mammoth has been observed the past two weeks. Minerva Terrace is showing evidences of renewed activity after a rest of over a year.

All-day hikes are scheduled for the week as follows: Old Faithful, Friday, 7:00 a.m. for Hillside Springs and other points. Fishing Bridge, Saturday, 9:00 a.m. - Marys Bay and Steamboat Point (combined auto caravan and hike). Visitors will need to carry their lunches with them.

- 0 0 0 -

Yellowstone National Park travel report for week ending August 15, 1932.

	1932		1931		Percentage	
	Cars	People	Cars	People	Increase	Decrease
By private car	3587	11666	4899	15746		26 %
By rail		626		1798		65 %
Miscellaneous		73		35	108 %	
TOTAL FOR WEEK	3587	12365	4899	17579		30 %
Previously reported	31642	105907	43994	151326		30 %
TOTAL TO DATE	35229	118272	48893	168905		30 %

Grand Teton National Park travel report for week ending August 15, 1932.

	1932		1931		Percentage	
	Cars	People	Cars	People	Incr.	Decr.
Yellowstone National Park to Grand Teton National Park	530	1709	756	2497		32 %
Grand Teton National Park to Yellowstone National Park	229	734	263	957		23 %
Yellowstone National Park to Teton Nat'l. Park and return	66	214	81	263		19 %
TOTAL FOR WEEK	825	2657	1100	3717		29 %
Previously reported	4962	16020	8101	24950		36 %
TOTAL TO DATE	5787	18677	9201	28667		35 %

REMARKS: Teton travel taken at south entrance of Yellowstone Park.

Department of the Interior
Yellowstone National Park
Yellowstone Park, Wyoming

YELLOWSTONE PARK NEWS LETTER

Vol. 2. No. 7. August 9, 1932

Joseph Joffe, Asst. to the Supt. | George Baggley, Chief Ranger | Dr. C. Max Bauer, 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

Roads in the Park -- Oiling crews are still working on the north end of the Gallatin Road. Rough spots from Canyon to Lake and to the east entrance are being repaired. A light oil has been spread between the Golden Gate and the Seven-Mile Bridge but the road is still rough to Obsidian Cliff. Construction is still in progress at Overhanging Cliff.

Roads Outside the Park -- All main roads leading to the park are generally good with small local stretches under construction or being reoiled, but with traffic in every case going through. In wet weather traffic from the south entrance to Idaho Falls should be routed on Highway 33 through Victor and Driggs to Sugar City, although this route is eight miles longer and less scenic than the Swan Valley route.

- 0 0 0 -

The following communication regarding accommodations in Mt. Rainier National Park has just been received from P. S. Sceva, general manager of the Rainier National Park Co.:

> "Considerable erroneous information concerning National Park operations is being circulated and for your information I wish to advise that Paradise Inn is not closed nor has it been closed since its opening on June 25 and we intend to keep it open unless conditions become worse than at present until our official closing date, August 28. Then and thereafter service to the public will be offered in our lodge and cabins. Rooms with bath and without bath will be provided."

- 0 0 0 -

E. E. Tillett, chief accountant for the National Park Service and his assistant, Herbert L. Wooten, who have been in the park since June 24 in connection with changes in the accounting system, left via the south gate on August 6 for Grand Teton Park.

Kurt Sell, correspondent for the most important German newspaper associations, arrived in the park via the west gate on August 9 and will leave via the same gateway on the 13th.

D. H. Madsen, supervisor of wild life resources for the National Park Service, returned to the park via West Yellowstone on August 8, and will remain here until Director Albright arrives.

Dr. E. T. Allen of the geophysical laboratory, Washington, D. C., who has for several years been engaged in research work in the thermal areas of the park, arrived via the north gate on August 8, and will this year confine his activities mainly in the Mirror Plateau area. Park Ranger Allyn Hanks will assist Dr. Allen with his work in the park.

Professor Herman Schlundt, chairman of the committee on the estimation of geologic ages, National Research Council, University of Missouri, Columbi Mo., arrived in the park on August 7, and will spend about two weeks here in connection with work on radioactivity of spring water and formation of hot spring deposits. Professor Schlundt made a similar study in 1906, and the results of his work were published in Bulletin 395, U.S.G.S., "Radioactiviti of the Thermal Waters of Yellowstone National Park".

Assistant Superintendent R. R. Vincent and Chief Ranger Earl F. Dissmor of Glacier National Park arrived in the Yellowstone on August 7, and will spend several days here acquainting themselves with operations in this park.

The Drake University College of Education Tour, Des Moines, Iowa, is due to arrive in the park via the north gate about August 11 or 12. The par will consist of some 20 members.

Mr. and Mrs. Charles F. Clement of Philadelphia, Pa., friends of Dr. Francis D. Patterson, chief medical advisor of the Pennsylvania Railroad, are due to arrive via Gardiner on August 13, and will make the 4½ day trip. Dr. Patterson is a fine park friend, has visited the Yellowstone on several occasions, and each year is responsible for sending a number of visitors to the park.

Word has just been received from Director Albright to the effect that he expects to arrive in Livingston on the evening of Saturday, August 13. The following schedule has been arranged for his park stay: Spend night of 13th at Mammoth; morning of 14th at Mammoth and night at Old Faithful; thenc to Grand Teton for night of 15th; Cody the 16th; Nordquist Ranch near Cooke the 17th; thence horseback over section of Cooke road and on to Billings on the 18th, reaching Billings around 6 p.m., and taking train for Glacier Park

- 0 0 0 -

Yellowstone National Park travel report for week ending August 8, 1932.

	1932		1931		Percentage	
	Cars	People	Cars	People	Increase	Decrease
By private car	3520	11438	4998	16238		30 %
By rail		647		1867		65 %
Miscellaneous		102		36	183 %	
TOTAL FOR WEEK	3520	12187	4998	18141		33 %
Previously reported	28122	93720	38996	133185		30 %
TOTAL TO DATE	31642	105907	43994	151326		30 %

Grand Teton National Park travel report for week ending August 8, 1932.

	1932		1931		Percentage	
	Cars	People	Cars	People	Incr.	Decr.
Yellowstone National Park to Grand Teton National Park	483	1629	715	2254		28 %
Grand Teton National Park to Yellowstone National Park	259	881	365	1231		28 %
Yellowstone National Park to Teton Nat'l. Park and return	56	189	115	372		49 %
TOTAL FOR WEEK	798	2699	1195	3857		30 %
Previously reported	4164	13321	6906	21093		37 %
TOTAL TO DATE	4962	16020	8101	24950		36 %

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

Department of the Interio
Yellowstone National Park
Yellowstone Park, Wyoming

YELLOWSTONE PARK NEWS LETTER

Vol. 2. No. 6. August 1, 1932

Joseph Joffe
Asst. to the Supt.

George Baggley
Chief Ranger

Dr. C. Max Bauer
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

Roads in the Park -- Oiling is still in progress on the northern end of the Gallatin Road. The rough patches are being resurfaced on the East Entrance Road. The road is still quite rough and under construction between Golden Gate and Obsidian Cliff. At Tower Falls and Roosevelt Lodge there is still some construction. The road from Canyon to Lake is quite rough. Otherwise the roads are generally in good shape.

Roads Outside the Park -- There is nothing new regarding these roads excepting general improvement especially on U. S. 10 in Montana and U. S. 87-W from the south entrance to Moran.

The price of gasoline in the park was decreased on July 30 to 27¢ a gallon at all points except Mammoth. The price at Mammoth remained at 26¢ per gallon. There was no change in the price of oil.

- 0 0 0 -

D. H. Madsen, supervisor of Wild Life Resources, Salt Lake City, Utah, entered the park on July 31 at the south gate, coming from the Grand Teton National Park.

J. C. Evenden of the Bureau of Entomology, Coeur d'Alene, Idaho, arrived in the park via the north gate on July 29 with his assistant Tom Terrill, and proceeded to the east entrance road to examine the bug work in that area.

C. D. Monteith, investigator for the National Park Service, arrived via the east gate on July 27 and will remain until around the 12th of August.

Messers. E. E. Tillett and H. L. Wooten of the Washington accounting office are still in the park, and will remain here until the end of this week. The accountants from the several parks who were here to receive instructions on the accounting system departed on July 28.

Director Albright is now in California and will leave on August 8 for Lassen and Crater Lake parks enroute to the Yellowstone. He is due here the night of August 12, and will remain until about the 17th.

Lake lodge closed for the summer after breakfast on July 28. Fully equipped housekeeping cabins are now available at Fishing Bridge so that rail visitors and motorists may stop at this point and find fully equipped cabins if they desire to spend any time around the lake.

Roosevelt lodge closed activities for the summer after breakfast on August 1.

Ben Thompson, assistant to George Wright of the Wild Life Research Division, left the park on August 1 via West Yellowstone, and will continue his studies at the University of California.

- 0 0 0 -

Considerable publicity has been sent out during the summer to newspapers throughout the country, but we now desire to furnish more park pictures to newspapers and magazines for publicity purposes. The suggestion has been made that good photographs, suitable for reproduction, be obtained from rangers ranger naturalists, and various employees of the park. Photographs of natural phenomena, animals, features, rare sights, and human interest pictures will receive widest publicity. Pictures of prominent visitors are also very desirable, and if such pictures are taken, they should show the parties asking questions of rangers, climbing nature trails, horseback, sitting on top of a stage coach, feeding marmots (not bears), examining specimens at the museums, watching a geyser erupt, etc. In order to get these pictures of special visitors published it is essential that they be sent in immediately.

It would be well for the rangers and ranger naturalists to look through their collection of pictures for the season and also for the winter, and send in negatives of the best pictures taken in the past. After prints have been made from the negatives they will be returned, and 15¢ each will be paid for pictures used, which will reimburse the owner for the original cost. The superintendent's office will be the final judge of negatives to be used. Where possible, credit for the picture will be given, although not all newspapers will give credit for pictures submitted. We want to put on a campaign to get more park pictures published, and the cooperation of all members of the organization is respectfully requested. If you have any good negatives which you feel could be used for publicity purposes, please send them in at once with your name and address to the superintendents office. Where possible also send in one print. It is easier to tell the value of a picture by examining the print rather than the negative. The prints will be returned with the negatives as soon as use has been made of them.

- 0 0 0 -

The bears are being fed at 6:45 p.m. at the Canyon bear feeding grounds and the "game stalking" caravan leaves from the feeding grounds at 7:15 p.m. Both moose and elk have been seen in the past week.

Several families of young ducks are to be found on Beaver Lake near Obsidian Cliff. Fifteen mountain sheep including six lambs were seen on the top of Mt. Everts the past week. A fine horseback trail leads over the mountain as well as a foot trail up the sides.

Some two hundred elk were observed in one band in Hayden Valley the past week. Several visitors have recently expressed their appreciation of their trip over Mt. Washburn and have stated that they never would have taken it had they not been encouraged to do so as they had heard so many unfavorable reports about the danger and the condition of the road leading to the top. Mountain sheep are much in evidence from here especially so when the salt lick has been placed near the top. The view from the top is the finest in the park and when people are told of the view and the possibility of seeing conies and sheep they are anxious to make the trip.

Yellowstone National Park travel report for week ending August 1, 1932.

	1932		1931		Percentage	
	Cars	People	Cars	People	Increase	Decrease
By private car	3075	9985	4512	14822		33 %
By rail		538		1472		63 %
Miscellaneous		79		39	103 %	
TOTAL FOR WEEK	3075	10602	4512	16333		35 %
Previously reported	25047	83118	34484	116852		29 %
TOTAL TO DATE	28122	93720	38996	133185		30 %

Grand Teton National Park travel report for week ending August 1, 1932.

	1932		1931		Percentage	
	Cars	People	Cars	People	Incr.	Decr.
Yellowstone National Park to Grand Teton National Park	457	1474	773	2427		39 %
Grand Teton National Park to Yellowstone National Park	192	655	321	1044		37 %
Yellowstone National Park to Teton Nat'l. Park and return	52	188	104	327		42 %
TOTAL FOR WEEK	701	2317	1198	3798		39 %
Previously reported	3463	11004	5708	17295		36 %
TOTAL TO DATE	4164	13321	6906	21093		37 %

REMARKS: Teton travel figures taken at South Entrance of Yellowstone.

- 0 0 0 -

Sunday Park Naturalist Bauer conducted an auto caravan from Mammoth Museum to Monument Geyser Basin. There is a fine trail leading to the Basin and many points of interest to be found there.

A new trail is being constructed to the Artists Paint Pots believed by many to be the most highly colored of any paint pots found in the park.

Flowers are more abundant between Obsidian Cliff and Norris Basin than for many years, the most conspicuous being the bluebell, or harebell, cow parsnip, monkshood and Indian paint brush. A large bed of monkey flower can be seen near the road between Lake and Canyon. The red monkey flower is in bloom along the streams from Canyon to Tower Falls. The wooded slopes between Tower Falls and Mammoth are still flower gardens although the sunflower, asters, goldenrod and other fall flowers are the dominant ones.

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--110
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyoming, August 29 -- Stealing the show from the geysers on the west side of Yellowstone National Park, two geysers on the east side of the Grand Loop Road at the West Thumb of Lake Yellowstone put on a performance all their own on Friday and Saturday of last week which was as spectacular as Old Faithful, the Giant, the Giantess or other famous geysers of the park.

Ordinarily merely bubbling pools and known locally as Maggie and Jiggs because of their tendency to continually spout off at the mouth, the two geysers, which carry the name of the Twin Geysers, went into real action at 7:30 Friday evening and threw mud, twigs, rocks, tree stumps and other debris which had been lodging in their throats to a height of about fifty or seventy-five feet, scattering it at an angle for a distance of eighty yards and cleaning both craters. The first eruption was observed by Park Ranger Jack McNutt, who spread the news to the campers in the Thumb campground and soon there was a large attendance waiting for another performance. However, no further activity took place until the following morning at 7:30, just twelve hours later, when the Twins put on another show, this time more spectacular than the first, throwing clear water to a height of from 75 to 100 feet, the streams of hot water emitting from the mouths of the two geysers simultaneously.

Park authorities are hopeful that the Twins will continue their activity so as to increase the popularity of one of the finest campgrounds in the park and one of the best fishing areas.

- 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

SPECIAL TO MONTANA PAPERS:
Release ON RECEIPT

- -

Yellowstone Park, Wyoming, August 00 -- So as to acquaint and better familiarize Montanans with the natural phenomena and educational features found in Yellowstone National Park, officials of the park and the Yellowstone Park Lodge and Camps Company are offering a special tour of the wonderland to Montanans and others who might care to make the trip over the Labor Day holidays, September 4-5. Carrying out the idea of the automobile caravan, instituted in the park two years ago, ranger naturalists will be assigned to accompany the cars comprising the party to explain fully the points of interest passed enroute and found in the localities where stops are to be made.

A special rate of $4.00 for the stay in the park, covering lunch, dinner and lodging at Old Faithful Lodge on September 4, breakfast at Old Faithful Lodge and lunch at Canyon Lodge on the 5th, has been offered by the Lodge people. Kiwanis clubs, Rotary clubs and other civic organizations are all joining together in promoting the affair, the tickets for the tour being handled by Sol Frank of the Livingston, Montana, Kiwanis Club. Children under eight years of age will be able to make the trip at half rate. For those who are visiting the park for the first time this year the purchase of the regular entrance permit at $3.00 per car will be necessary.

This special tour, which is the inauguration of a new service in the Yellowstone, affords an opportunity for Montanans to enjoy at reduced rates a two day holiday of the oldest and largest of the national parks under special guidance.

T.J.

- 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--109
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- To revive memories of Yellowstone Park which he has not seen since his days here as a soldier 43 years ago, Thomas F. Coyne of Kansas City returned a few days ago for a leisurely visit to the nation's oldest and largest wonderland.

Only the natural phenomena in the park seemed the same to Mr. Coyne, now 79 years old. In all other ways the park has undergone a remarkable change, he said. Whereas in 1886, when he first came to the park, this area was often beset by highwaymen, poachers and general "riff-raff", today a perfect system of patrol by National Park Service rangers makes the park an ideal spot for thousands of visitors to congregate, he added.

His memory led him back to the time when during the winter he often had to follow elk trails to get back to the main camp at Mammoth from other points in the park. He recalled running a sawmill near Mount Sepulchre with an army mule and an old tread mill to provide logs for quarters which were built just below Jupiter Terrace of Mammoth Hot Springs. A small hospital was also built on the top of Capitol Hill where later Fort Yellowstone was constructed. In this hospital, Sergeant Coyne met Dr. LaGuardia, whom he had met as army post physician in Panama. Sergeant Coyne served under General Goethals and Dr. Gorgos during the building of the Panama Canal.

Although he was intimate with Scouts Jim McBride and Ed Wilson, and Frank Jay Haynes, pioneer park photographer, he learned that only one still was alive. He planned to visit McBride, still a prospector in the area near Crevice, a few miles outside the north entrance of the park.

Sergeant Coyne enlisted in San Francisco, was sent to Camp Custer during Indian difficulties and then to the park in the summer of 1886. He served here

(more)

with Troop M of the First Cavalry under Captain Harris. His memory brought him back to the day when the soldiers used to bathe Saturday nights in one of the many hot pools they found here. In wintertime they manufactured ice on the Swan Lake Flats, stored it in an icehouse at the top of Golden Gate, and enjoyed ice-cool drinks during the summer. While here, Mr. Coyne went to the spot to see if he could find any remains of the old icehouse, but none remained.

One incident of the old days he remembered vividly was the capture of three stagecoach holdup men. With the assistance of McBride, Sergeant Coyne pursued two of the men. One was captured in the Madison Basin, and in his boot was found a Spanish coin he had hidden there. Through this coin he was identified and later sentenced to 20 years in the Deer Lodge, Mont., penitentiary. One of the bandits was James Higginbothom. The two others, whose names he does not remember, were both caught, one on the Snake river and the other while still in the employ of a stage company as a driver.

He remembered also arresting three prominent individuals for putting soap into Castle geyser, and he noted with interest that today "soaping" a geyser to produce an unnatural eruption is still a gross violation of park laws. One of the violators was a prominent government official, one a railroad official and one a surveyor with the government mint.

In 1886 he knew of only 154 buffalo in the park, and he was surprised that the park herd had grown to almost 1,400. Other interesting experiences he recalled was acting as guide to the Marquis de Morez of Canada on a fishing trip, for which he was rewarded with an expensive steel fishing rod, one of the first of its kind; guiding a princess of India, Georgianna de Paol who came into the park with a huge retinue of servants; finding a great number of tepee poles used by the Nez Perce Indians in their ill-fated raid on property in Yellowstone Park in 1877; and visiting the spot in the Gallatin Canyon where Henry Ward Beecher carved his name on a lodgepole pine in 1883.

(more)

Add -- Coyne
- - - - - - -

Now living at 3228 Roberts Street, Kansas City, Mo., Mr. Coyne is employed by the city water commission. Accompanying him on his park trip were his wife and daughter. His Daughter is Mrs. Edgar Lee Masters, wife of the famous American poet.

- 0 0 0 -

Yellowstone Park, Wyo., August 00 -- A large and novel collection of Indian arrowheads and spear points were found recently on the shores of Yellowstone Lake by August Griswold, assistant to Dr. Carl P. Russell, field naturalist of the National Park Service. With Dr. Russell, Griswold was making a field trip in the lake region to get additional specimens for the new museum at Fishing Bridge when the Indian relics were found. They will be placed in the park museums that are devoted to Indian history as it affected Yellowstone park.

- 0 0 0 -

Yellowstone Park, Wyo., August 00 -- One of the most enthusiastic foreign visitors to Yellowstone National Park in August was Miss E. M. Thillayampalauim of Lucknow, India. She is a teacher in a Methodist college there, and is in the U. S. as an exchange teacher in Wellsey College, where she will devote her time as instructor in zoology.

J.H.M. - 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--108
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- Is the coyote the sneaky, cowardly animal he is often said to be? A recent development in Yellowstone National Park seems to point to quite the contrary.

For the past ten days a small coyote has been braving quick and sudden death at the hands of the giant grizzly by coming in every night to feed with black and grizzly bears on the bear dump at Old Faithful. And he isn't at all backward about asserting his right to be there, despite the fact that the sign behind the platform plainly says, "For Bears Only".

It is almost an invariable law that when the big Silvertip grizzly comes in from the dense forest to feed at the bear lunch counter, all other animals retire until the King Grizzly has had his fill. Black bears scamper and scurry into the forest or up the tall lodgepole pines. Even gulls that hover about for a juicy morsel of garbage turn a wary eye toward the grizzly and postpone their mealtime when he comes.

But not the lowly coyote. He walks boldly up to the platform, eyes the garbage dump with a view to picking out the choicest morsel, and goes serenely on with his gulping ritual. Should a bear happen to have found the special desert first, he stands idly by in the hope that some part of it may drop from the bear's jaws or otherwise escape his notice. If that occurs, the coyote makes a dash for it and in a moment it has disappeared.

And now, though rangers are not yet ready to say that the coyote is braver than the grizzly, they will say that he is just as smart.

J.H.M. - 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--107
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- Beaver in Yellowstone National Park will countenance no "chiseling in" on family affairs. Mr. and Mrs. Beaver will fight out their domestic battles alone, and any third party, particularly if the self-appointed arbiter should be a mink, will find himself an unpopular and scarred peacemaker.

Observations made by Mrs. Herma Baggley, junior park naturalist, on a recent game stalking caravan, have led to these conclusions. The party led by Mrs. Baggley heard a terrific rumpus in one of the beaver houses as they approached the pond near Mammoth Hot Springs inhabited by a colony of beaver. The hulabaloo immediately began when "Old Man" Beaver returned home, apparently without the day's groceries.

In a moment the male of the household came scampering out of the hut and hurried to cut greens for the evening meal to redeem his position as the family provider. Scarcely had he crossed the pond to the clump of green aspen, the family grocery store, when a sleek mink waddled along the shore and then paddled serenely to the den to call on Mrs. Beaver. Whatever sweet and soothing words he may have uttered to the lady of the house, they did not please the male beaver, for he left his juicy aspen like a shot and hurried homeward to defend the sanctity of his home.

On his arrival an ever greater turmoil shook the beaver house, and Mr. Mink, now a disreputable, scarred and ragged looking tramp was unceremoniously driven out.

J.H.M.

- 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--105
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- Geologists flying over Yellowstone National Park the past week discovered what they believe to be definite traces of a great fault in the Yellowstone and Gardiner valleys. This fault separates the Snowy mountains from the Yellowstone Park plateau. It begins just north of Gardiner, Mont., near an area known as Devils Slide and runs in a southeasterly direction up to the Lamar river. Part of the fault is concealed in spots by lava flows.

Members of the flying geology tour were Dr. W. Taylor Thom, Jr., professor of geology at Princeton University, and Dr. Rollin T. Chamberlin, professor of geology at the University of Chicago. Later these two men were joined by Dr. Walter Bucher of Cincinnati University, in a ground study of spots in the fault observed earlier from the air.

The three men conferred with Dr. C. Max Bauer, former geologist of Colorado University, and now Yellowstone Park Naturalist. Using the information obtained in the flight and in consultation with Dr. Bauer, they made a closer field study of the area, and now expect to work out some of the major problems in connection with the story of mountain making in the park area.

After leaving here the three men plan to go to Red Lodge, Mont., where they will attend the summer session of the International School of Geology.

Other prominent geologists in the park at this time are Dr. E. T. Allen of the geophysical laboratory, Washington, D. C., who is completing work which he has carried on for the past several years on the causes of heat and thermal activity in the park area; Dr. Herman Schlundt, head of the chemistry department at the University of Missouri, who is testing the hot waters of the park for radioactivity, due to the presence of radio emanation from rare metals

(more)

such as ionium, thorium and uranium; Professor Allen D. Hole, of Earlham college, Richmond, Ind., who is combining research and pleasure by conducting a tour of his students on a sight-seeing and field trip through the park; Arthur Howard, geology instructor at New York University, who is working on the geology of Yellowstone Canyon for his doctor's degree at Columbia under Dr. Douglas Johnstone; and Professor and Mrs. H. A. Meyerhoff of Smith college, Northhampton, Mass., who have just completed a five week field trip through the Black Hills with a party of women students.

Dr. Schlundt made a study of radicactivity of spring water and hot spring formations 26 years ago, the results of his work having been published by the U. S. Geological Survey.

- 0 0 0 -

PRESS MEMO. -- 1932--106

Yellowstone Park, Wyo., August 00 -- Jewel geyser which replaced the Old Handkerchief Pool as one of the major attractions in Yellowstone National Park is gobbling up a quota of handkerchiefs which reaches an average of about 50 each day.

Because of its peculiar adaptability to laundry duty the Jewel is rapidly becoming known as New Handkerchief geyser. When Handkerchief pool was destroyed in 1928 by a careless visitor who thrust a log into the pool vent, thousands of visitors were disappointed because they couldn't get their handkerchiefs washed in a hot spring or geyser.

With the discovery of Jewel geyser's propensity for "washee-washee", the great game of feeding handkerchiefs to geysers is more popular than ever. Each day from 50 to 200 persons visit the Jewel on the regular auto caravan, besides the hundreds of visitors who go without a guide. The Jewel is almost 100 per cent efficient, and only rarely does it hold a handkerchief for commission. Even when it does, it will deliver the commissioned handkerchief later to the surprise and pleasure of later visitors. - 0 0 0 - J.F.M.

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--104
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- Insects will have to be wary and cautious in Yellowstone National Park, for a bug-eating plant, first of its kind known to inhabit the park, was found here recently.

Known as sundew, the plant has carniverous instincts, and lures flies, ants, and bugs of all kinds into a trap. Known to scientists as drosera, the plant excretes a sweet dewy nectar on the fuzzy hair of its petals. This plant, found by Ranger Naturalist William Evans at Old Faithful, is believed to be the first one found in the Rocky Mountain area. The plant is now on exhibit at the Mammoth Museum.

Sundew is a small bog plant, a relative of the Venus flytrap, and peculiar in that it subsists partially at least upon insects. Leaves are baited with a sweet dew which attracts insects. When an insect alights, the red hairlike glands close upon the insect holding it captive until the plant has absorbed all of the nourishment available. By a secretion of ensymes the plant is able to absorb all the food from its victim.

After only the hard covering of the insect is left, the leaf opens and casts out the "bones" of the feast, and sets its trap for the next victim.

J.H.M. - 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--103
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August -- When you're 79 years old, with a good heart, a good pair of legs and a bicycle, that's the time to see Yellowstone National Park, says George M. Sanford, octogenarian, who arrived in the park recently after a bicycle trip of 2,100 miles.

This is not the first long jaunt for Mr. Sanford, for in 1928 after he was informed that he was too old to carry on his activities with a shipbuilding concern in California, he purchased a bicycle and set out to see the United States. He had covered 7,000 miles before he lost his cycle. In Atlanta he loaned his wheel to a negro lad who promised to return it immediately, but nothing was ever seen of the bicycle again.

Rather disconsolate, the veteran traveler had to rely on rail transportation to the Pacific coast. Neither daunted nor disheartened by this, his only unpleasant experience, the aged man purchased another bicycle and set out to see Yellowstone.

"I'm traveling only for pleasure, and because it seems to be the only thing there is left for me", Mr. Sanford said while in the park. "And believe me, it is pleasure, too, for I'm positive that I can appreciate the wonders of the park more from atop my wheel than any millionaire from his silver-spangled auto."

Since 1929 Mr. Sanford's home has been the spot where his bicycle brought him at the end of each day's travel. His greatest distance has been 72 miles per day, though his average is much below that. He has been all through the Middle West, South, East and the Pacific Coast, and he wonders why he has caused such a sensation everywhere. Occasionally he stops in Oakland, Calif., where two of his sons make their home.

J.H.M. - 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--102
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- Goldilocks and the Three Bears has a counterpart in a little old lady from Pennsylvania who visited Yellowstone National Park recently.

As one of the major attractions of her visit, the 75 year old Pennsylvanian went to the bear lecture at the Old Faithful feeding grounds. Here she heard bear stories that made her somewhat apprehensive of the heavy forest that loomed up all around.

Presently she decided to make her way back to the Old Faithful lodge where she was spending the night. With wary eye and careful step she trod along, but her mind was so definitely filled with bear lore that she glanced constantly from side to side lest Bruin spy her from behind a giant lodgepole pine.

The road back to the lodge seemed farther than it had been before, and it wasn't long until she decided she was lost. This was about 8:15 p.m. Instead of walking toward the lodge the woman was going directly away from it. However, she remained on the highway. About 9:30 a call was sent out when she had not returned. Immediately park rangers, ranger naturalists, "savages" from the lodge, and guests began a search. All night long they searched. Forests, trails, and geyser formations were carefully gone over.

At 5:15 in the morning, a ranger came upon her, sitting in the middle of the road, not daring to move. When he came up to her she welcomed him eagerly, and then still furtively she asked,

"Are you lost too, mister?"

J.H.M. - 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--101
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- Now comes a true cold geyser to baffle rangers, naturalists, and visitors to Yellowstone National Park. This latest phenomenon discovered by a "sagebrusher", auto camper, was promptly investigated by Willis T. Smith, ranger naturalist at Fishing Bridge on Yellowstone Lake, and has been pronounced as authentic and real.

Situated about five miles north of the Fishing Bridge and a few hundred yards off the main highway, the cold geyser will prove a new and unusual attraction in the park, it is believed.

The Cold geyser plays to a height of about three feet, but it owes its activity to an entirely different source from the regular park geysers. This geyser is active solely because of carbon dioxide gas. This gas bubbles up through the cold water and forces a spout of water into the air. At first supposed to be a real hot geyser, investigation proved it to be not a true geyser, speaking scientifically, but displaying all the real geyser characteristics.

And now, if the geyser could be induced to take on a lemon, strawberry, or orange flavor, visitors could be introduced to the only constant soda pop fountain.

J.H.M. - 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--101
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- Now comes a true cold geyser to baffle rangers, naturalists, and visitors to Yellowstone National Park. This latest phenomenon discovered by a "sagebrusher", auto camper, was promptly investigated by Willis T. Smith, ranger naturalist at Fishing Bridge on Yellowstone Lake, and has been pronounced as authentic and real.

Situated about five miles north of the Fishing Bridge and a few hundred yards off the main highway, the cold geyser will prove a new and unusual attraction in the park, it is believed.

The Cold geyser plays to a height of about three feet, but it owes its activity to an entirely different source from the regular park geysers. This geyser is active solely because of carbon dioxide gas. This gas bubbles up through the cold water and forces a spout of water into the air. At first supposed to be a real hot geyser, investigation proved it to be not a true geyser, speaking scientifically, but displaying all the real geyser characteristics.

And now, if the geyser could be induced to take on a lemon, strawberry, or orange flavor, visitors could be introduced to the only constant soda pop fountain.

J.H.M. - 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--100
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- "Old Faithful" Gaiser of Pittsburgh, is in Yellowstone National Park visiting Old Faithful geyser.

Paradoxical as this may seem, and much as the statement might be doubted by a society editor, that is just what is taking place. H. F. Gaiser, known during the 20 years of service on the Pittsburgh police force as "Old Faithful", has long contemplated a trip to the park to see the spout that gave him his nickname.

Not until his recent retirement, however, was he able to get away from his duties long enough to make the trip in the manner he desired. Now, retired from active duty, and making his home at Van Buren, Indiana, Mr. Gaiser, in company with his wife, is making his first trip a real one. He is spending a full week at the auto camp of the Upper Geyser basin, and during that time he hopes to find out just what causes Old Faithful to be so regular.

Mrs. Gaiser, enthusiastic and vivacious, was immediately dubbed "Young Faithful" by her park acquaintances.

J.H.M. - 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--99
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- One of the rangers in Yellowstone National Park had a birthday recently, but a bear celebrated it for him.

The park ranger is Proctor L. Dougherty, Jr., six-feet, seven inches of forest green-clad man from Washington, D. C., who is on temporary assignment at the Grand Canyon ranger station for the summer. Mr. Dougherty's appearance, his uniform, his mannerisms and his immense height all contribute to make him the focus of many a girl's adoring glance.

So it was not surprising, when just before his birthday was due, Ranger Dougherty was the recipient of a birthday cake. This was no ordinary birthday cake, but a true Yellowstone cake--golden in color, and heaped upon it was all the luscious sweetness that a girl with a romantic heart and a domestic hand could create.

Awaiting the evening when the great event was to be celebrated, this masterpiece of the culinary art was stowed away in one of the cabins. When the time came for the candle-blowing ceremonies, the celebrants scurried to the makeshift cupboard for the cake, but there was no cake.

Instead they found tell-tale footprints of a bear beautifully outlined with pink and white frosting. The marked trail was short, for Bruin wasted no time gobbling up the birthday cake. And now, cake-eater that he is, the bear is ready to celebrate more birthdays.

J.H.M. - 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--98
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- Three prominent Philadelphia families, all living within a mile or two of each other in their native city, met for the first time recently in Yellowstone National Park, and after a tour of the park got together to devise some splendid slogans for future travelers.

The Philadelphians were the Fred A. Healy family, the John A. Stevenson family and the W. B. Kraft family. Mr. Healy is vice-president and advertising director of the Curtis Publishing company. Mr. Stevenson is vice-president of the Penn Mutual Life Insurance Company, and Mr. Kraft is assistant comptroller of the Pennsylvania railroad. All live in Philadelphia suburbs, but their families had never met.

"My slogan for the future is not 'See America First', but 'See Yellowstone First'", was Mr. Stevenson's way of expressing his complete satisfaction with the park wonders.

"Yellowstone Park is a pilgrimage which every American family man who can possibly find the means should consider it his duty to make several times during his lifetime", Mr. Healy declared.

"Yellowstone Park has awakened in me a greater appreciation of the beauty that America holds", was Mr. Kraft's opinion.

All three groups were emphatic in their view that within five years it will be unpopular for any American to visit foreign countries without first having seen the wonders in his own country.

- 0 0 0 -

Yellowstone Park, Wyo., August 00 -- The story of the almost extinct trumpeter swan, found in Yellowstone National Park, is being told to park visitors through pictures, slides and campfire lectures by Ben Thompson, assistant in the Wild Life Research Division of the National Park Service.

J.H.M.

- 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--97
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- Dick Smith, head packrat at Mammoth Lodge in Yellowstone National Park, is one of the vast army that answers to the same name, but he might well be pointed out as being a member of the "Scholastic" Smiths.

Five brothers in the Smith family, hailing from East St. Louis, Ill., have all been showered with unusual scholastic honors. All made sophomore honors at Washington University at St. Louis, and the four who have taken degrees there have been recipients of the highest honors available.

National honors have gone to one, Robert, who was named a Rhodes scholar from the St. Louis institution. Bob is the only brother besides Dick who has been employed in Yellowstone Park at the lodges. He was a "packrat", savage title for baggage porter, at Mammoth and Roosevelt lodges for four years, 1926, 27, 28 and 30. Dick has been a savage at Mammoth lodge for three seasons.

Four of the brothers wear Phi Beta Kappa keys, indicative of the highest academic honors. John is now in the English department of his alma mater as an instructor, while Carl is attending the medical school of his university. The youngest, Harvey, has just finished his sophomore year, and is a member of the football team. To keep apace with his four older brothers, Harvey is pointing to final honors before graduation.

Their home is at 2311 Lincoln Ave., East St. Louis, Ill.

J.H.M. - 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--96
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- Forgetting all business and politics, John W. Davis spent two weeks on the Diamond G ranch southeast of Yellowstone National Park recently, and then toured the park before returning to New York city where he expects to take an active part in the Democratic presidential campaign this fall.

As presidential nominee of the Democrats in 1924, Mr. Davis has a keen interest in the coming campaign. Since 1898 he has never failed to take an active part in each Democratic presidential campaign, and he declared that it would be impossible for him to see a campaign go by without taking a hand.

Fishing, camping and just loafing was the order of his vacation program, Mr. Davis said. He looks for a strenuous campaign this fall, particularly in New York state, and it was to be in readiness for this political battle that he took his vacation far off the beaten track. He was accompanied on the ranch and through the park by his daughter, Mrs. William Adams, also of New York city. They left by way of the north gate, August 1, going directly to New York.

- 0 0 0 -

Yellowstone Park, Wyo., August 00 -- More than a score of antelope are providing a daily show on the flat area just inside the entrance to Yellowstone National Park at the north gate. Among the herd are several mothers with kids, some singles and several twins. They are seen regularly on the game stalking caravans conducted twice each week from Mammoth Hot Springs.

J.H.M.

- 0 0 0 -

De[illegible]tment of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--95
Release ON RECEIPT
- - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- A floating island recently discovered in Yellowstone National Park is causing considerable wonderment and conjecture among visitors. The island, about 20 feet long and about half that wide, is located in Beaver lake near the Tower Falls area. Its position changes almost daily, one day finding it at one end of the lake and the next at the opposite extreme.

First discovered by truck drivers who passed the lake daily and noted its varying positions, the unique island was later checked by Frank Mattson, junior landscape/architect with the National Park Service, and found to be an actual floating island.

Various theories have been put forth as to the structure of the island, but the most plausible one seems to be that it is the remnant of a huge beaver house which has broken loose from its moorings.

- 0 0 0 -

Yellowstone Park, Wyo., August 00 -- A special auto caravan last Sunday took Yellowstone National Park visitors and permanent residents to a little known area in the park, the Monument geyser basin. Here one of the park's most unique geysers spouts a continual stream. The Monument geyser has built up an eight foot cone, smooth as glass and beautifully sculptored. The geyser is in constant eruption. On its sides many insects have been caught and are being slowly encrusted with the geyserite. The Monument is about one and one-half miles from the main highway.

J.H.M.

- 0 0 0 -

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932
fillers--13
Release ON RECEIPT
- - - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- Congressman Phil D. Swing of California, prime sponsor of early legislation to develop the Boulder dam project which has resulted in the present Hoover Dam construction, spent five days in Yellowstone National Park recently with members of his family.

- 0 0 0 -

Yellowstone Park, Wyo., August 00 -- Expected to arrive in Yellowstone National Park late in August are Mr. and Mrs. A. P. Cammerer, and Mr. and Mrs. Robert B. Grove. Mr. Cammerer is secretary of the national commission of fine arts. He is coming in at West Yellowstone on August 25. Mr. Grove, vice-president of the New York Edison Company and director of the National Electric Light Association, will arrive August 22 at the north gate.

- 0 0 0 -

Yellowstone Park, Wyo., August 00 -- "An unusual bird is the pelican", goes an old ditty, and the truth of the verse was again demonstrated in Yellowstone National Park recently when two lings, cod-like fish, were found in the park, nearly 150 miles from the nearest point where they have their habitat. The fish had been brought in over that distance by park pelicans to be used as food by the young.

- 0 0 0 -

Yellowstone Park, Wyo., August 00 -- Early sunrise trips to the top of Mount Washburn in Yellowstone National Park are attracting scores of park visitors daily. Leaving Canyon hotel and lodge about 3:45 a.m. the early risers get to the mountain crest just in time to see the first rays of the morning sun as it floods the whole park area.

J.H.M.

- 0 0 0 -

De tment of the Interior
National Park Service
Yellowstone National Park

SPECIAL PRESS MEMORANDUM
To Minnesota and Wisconsin
Papers.

Release ON RECEIPT
- - - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- Contest winners swept into Yellowstone National Park in a body with the Minnesota-Wisconsin Newspaper tour recently. Altogether there were seven winners of travel contests sponsored by Minnesota and Wisconsin newspapers, as well as four winners in theater contests.

Winners of the theater contests were Evelyn Goar, winner of the Paramount theater contest at Faribault, Minn; Mrs. Sophie Nicholson, who won at the Paramount theater in Austin, Minn; Mrs. M. L. Lindusky, from the Lawler theater, Rochester, Minn; and Mrs. W. A. Stephenhofer, winner at the State theater in Mankato, Minn.

Eau Claire sent four winners, representing the Eau Claire Press company. Miss Lela Parker was winner from the city of Eau Claire, while Miss Pauline Walters was winner from surrounding communities. Lillian Hysen and Goldie Waterpool, second in the respective contests, also accompanied the tour. This contest was sponsored by the Eau Claire Leader and Telegram.

Representing the Faribault Daily News was Miss Bernice Rodewald, while the Stillwater Gazette was represented by Miss Lois Bloom. Miss Raedie Tribbett was the winner in the Rochester Post-Bulletin contest.

All members of the tour, which was made up of 44 people and in charge of Mr. and Mrs. H. V. Wilmot, entered Yellowstone as the climax of a trip that had taken them to the Puget Sound. Sponsored by 23 newspapers in Minnesota and Wisconsin, the trip was planned to furnish hometown readers a glimpse into the wonders of American beauty spots. The tour left the park for home on the night of August 9.

J.H.M. - 0 0 0 -

D rtment of the Interior
National Park Service
Yellowstone National Park

SPECIAL MEMORANDUM TO THE
PRESS -- Release ON RECEIPT
- - - - - - - - - - - - - - - -

Yellowstone Park, Wyo., August 00 -- To spike persistent rumors that hotels and lodges in Yellowstone National Park have closed or are closing, W. M. Nichols, president of the Yellowstone Park Hotel company, and Vernon Goodwin, president of the Yellowstone Park Lodge and Camps company, declared today that complete service to all visitors will be maintained for the remainder of the season at all points now in operation.

To provide complete accommodations for any visitors who seek to get furnished room accommodations at Yellowstone Lake, 38 cabins at Fishing Bridge have been completely furnished. Besides this, hundreds of housekeeping cabins are available. Here all facilities are provided on the European plan, with consequent savings possible because meals are on the cafeteria plan.

Until Labor Day all major lodges and hotels will remain in operation with complete forces and facilities, and hotels will be in full operation for the remainder of the season. It is possible that lodges will close after Labor Day, but even then, furnished cabins will be available at all points and cafeterias will be in full operation. This contemplates operation of lodges and hotels until Labor Day at Canyon, Old Faithful and Mammoth Hot Springs, as well as housekeeping cabin facilities at each of these points. In addition, housekeeping cabins will be operated as usual at West Thumb and at Tower Falls, with cafeteria service at the former place and meals available at the Haynes shop at Tower Falls.

The only accommodations that have been closed are Lake hotel, Lake Lodge, Sylvan Pass Lodge, and Roosevelt Lodge.

J.H.M.

- 0 0 0 -