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

FILE NO.

SEPTEMBER 1930

MONTHLY REPORT

SEPTEMBER 1930

IMPORTANT

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

HORACE M. ALBRIGHT,
Director.

U. S. GOVERNMENT PRINTING OFFICE 1929 6—7410

October 3, 1930.

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

Dear Mr. Director:

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

000 - General

The general depression in business and travel which has characterized the 1930 season continued during the month of September and, when the final travel figures for the year were compiled, they showed a total of 227,901 as against 260,697 last year, a loss of 32,796, or about twelve percent. The general falling off in business resulted in the closing of some of the activities earlier than in past years. Roosevelt Lodge discontinued operating for the season on September 5, while the Lake Hotel and Lodge closed on the morning of the 13th.

Superintendent Toll left the park via the south gateway on September 22, with his family, en route to Denver, where he will make his winter headquarters, and will handle the special investigation work in connection with proposed parks and monuments. Assistant Superintendent Edwards is to be Acting Superintendent during Mr. Toll's absence.

100 - Administration

110 - Status of Work

The work in all departments was kept as current as possible, and a considerable reduction in forces was made due to the lessening of activities.

Oscar Eggen, Steward and Master of Transportation, was transferred on September 19 to Sequoia National Park.

December 3, 1950.

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

Dear Sir, Director:

Following is the report of the activities of Yellowstone National Park for the month of September 1950:

100 - General

The general equipment in buildings and transit which has increased the 1950 season continued during the month of September and, when the final travel figures for the year were compiled, they showed a total of 2[illegible],[illegible] as against 300,[illegible] last year, a loss of [illegible], or about twelve percent. The general falling off in visitors resulted in the closing of some of the outlying camps earlier than in past years. Unseasonal lodge discontinuance occurred for the season on September 8, while the Lake Hotel not before closed on the morning of the 10th.

Superintendent Hall left the park via the north gateway on September 11, with his family, en route to Denver, where he will take his winter treatment, and will handle the general administration work in connection with temporary duty and assignments. Lack about September Monday is to be taken temporarily during Mr. Hall's absence.

100 - Administration

110 - Center of Park

The work in all departments was kept as nearly as possible, and a considerable reduction in forces was made due to the lessening of activities.

Under Legal, Finance and Center of Transportation, was increased as September it is Regular Fiscal Year.

120 - Park inspections by

121 - Superintendent

On September 1, the Superintendent went to Old Faithful where he met a party of business men from Bozeman who had been brought into the park as guests of the Yellowstone Park Transportation Company in their new 14-passenger bus. Mr. Toll returned to headquarters for the night.

The following day, in company with Chief Ranger Baggley, he proceeded to Cody and the Valley Ranch to inspect the east entrance road and complete arrangements for outfitting the Senate Committee on Wild Life Resources, for their proposed pack trip in the Upper Yellowstone country, spending the night at Valley Ranch. He returned to headquarters the following day. On the 7th a trip was made to Lake and return.

On September 9, he visited the Grand Teton National Park, inspecting the roads enroute, and spent the night at Superintendent Woodring's place. The next day he attended the wedding of Assistant Landscape Architect K. C. McCarter and Miss Margaret Jamieson, former clerk in the Superintndent's office, which was held in the Jackson Hole. The return trip to Mammoth was made the same day.

On the 11th, a trip was made to Tower Falls, in company with park operators Nichols, Goodwin and Haynes, to study the proposed route of the new Canyon-Tower Falls road as it pertained to the operations at that point. He returned to Mammoth for the night.

On the day following, a trip over the proposed Mammoth-Tower Falls road was made, in company with Assistant Superintendent Edwards and Mr. Stinson of the Bureau of Public Roads.

On the 14th, he visited the construction work in progress on the Canyon-Tower Falls road.

On the 15th, in company with Chief Ranger Baggley and Fire Control Expert Coffman, he visited the new fire lookout on Mt. Sheridan, spending the night at Heart Lake and returned to headquarters the following day.

On the evening of the 19th, in company with Chief Ranger Baggley and Mr. Rush, he went to Livingston to meet the Special Senate Committee on Wild Life Resources, and returned with them to the park on the following day. In the afternoon a trip was made with the committee to Tower Falls and the Buffalo Ranch to look over game and range conditions.

On the morning of the 22nd, the Superintendent departed with his family for Denver, via the south gateway, spending the night at Moran where members of the special committee were stopping.

100 - Lake Inspections by

101 - Guest Instructor

On September 1, the Superintendent sent to the Institute there be met a party of business men from Bozeman who had been formally into the park as guests of the Yellowstone Park Transportation Company in their new 16-passenger bus. Mr. Hill returned to headquarters for the night.

The following day, in company with Chief Ranger Dodson, he proceeded to Cody and the Valley Ranch to inspect the most northerly land and employee arrangements for outfitting the Sheridan Contractors on Hill Lake Concessions, for which proposed pack trip in the Upper Yellowstone country, spending the night at Valley Ranch. He returned to headquarters on the following day. On the 7th a trip was made to Lake and return.

On September 8, he visited the Grand Lodge National Park, inspected the roads enroute, and spent the night at Superintendent's plane. The next day he attended the wedding of Miss Laurence Jerdinger V. C. Dodson and Miss Margaret Jerdinger, former clerk in the Superintendent's office, which was held in the Jackson Hole. The return trip to headquarters was made the same day.

On the 11th, a trip was made to Upper Falls, in company with guest quarterly Statistic, Dowdin and Dugan, to study the proposed route of the new Lower-Upper Falls road as it appertained to the operation at that point. He returned to headquarters for the night.

On the day following, a trip over the proposed Lower-Upper Falls road was made, in company with Assistant Superintendent Lewis and in-charge of the Bureau of Public Roads.

On the 14th, he visited the construction work in progress on the Upper-Lower Falls road.

On the 17th, in company with Chief Ranger Dodson and Park Control Guard Dodson, he visited the new Fire Lookout on Mt. Sheridan, spending the night at Heart Lake and returned to headquarters the following day.

On the evening of the 19th, in company with Chief Ranger Dodson and Mr. Hunt, he went to Livingston to meet the Special Inspection Committee on Hill Lake Concessions, and returned with them to the park on the following day. In the afternoon a trip was made with the committee to Lower Falls and the Upper Falls Road to look over gas and trash conditions.

On the morning of the 22nd, his superintendent departed with his family for Denver, via the south gateway, spending the night at Jackson where members of the special committee were accepted.

123 - National Park Service Officers

Honorable Horace M. Albright, Director of the National Park Service, after spending several days in the Jackson Hole country with the Special Committee on Wild Life Resources, came into the Yellowstone on the 26th via the south entrance with Senator Peter Norbeck of South Dakota and the Senator's son, and spent the night at Mammoth, leaving the following day for Cody via the east entrance. He was traveling in Senator Norbeck's car and accompanied the Senator to South Dakota.

Dave Madsen, Land Expert for the National Park Service, came in the west gate on the 14th and left the following day for the Grand Teton National Park where he awaited the arrival of the Special Committee on Wild Life Resources. He remained with the committee during their stay in the Jackson Hole.

John D. Coffman, Fire Control Expert, entered the park at the north gate on the 13th and left via the south gate on the 16th for the Grand Teton National Park.

George Grant, National Park Service Photographer, came into the park via the south gate on the 17th and left via the same gateway on the 27th for the Grand Teton National Park.

125 - Other Government Officers

Dr. Wallace W. Atwood, President of Clark University, and a member of the Educational Advisory Board of the National Park Service, entered the park at the south gate on September 6, having previously visited the Grand Teton National Park, and left via the east entrance on September 11.

Dr. Frank R. Oastler, member of the Educational Advisory Board of the National Park Service, entered the park at the north gate on September 6 and left via the same gateway on the 12th.

Mr. Fred Foster, in charge of the Bureau of Fisheries activities in the park, left via the south gateway on the 24th for Salt Lake City, where he will make his winter headquarters.

Major Evan W. Kelley, District Forester of the U. S. Forest Service at Missoula, entered the park at the north gate on September 20 and left via the same gateway on the 21st. He was accompanied by Harry Ade of the Land Purchasing Department of the same office. Major Kelley visited the park earlier in the month and attended the Fish and Game Conference held on September 5 and 6 at Mammoth.

Paul G. Redington, Chief of the Bureau of Biological Survey, entered the park at the north gate on September 20 with members of the Special Senate Committee on Wild Life Resources, and accompanied them into the Jackson Hole, leaving via the south gate on the 22nd.

1st - National Park Service Officers

Superintendent Thomas S. Clements, Director of the National Park Service, after opening remarks dwelt in the Jackson Park meeting with the Special Committee on Site Inspection, gave their the invitation to the Park with the events attendant with Theodore Roosevelt of Park Lands and the Director's son, he spent the night accompanied, leaving the following day for Cody via the east entrance. He was travelling in Director Mather's car and accompanied the Director to Cody Wyoming.

Dave Shasen, Lead Ranger for the Glacier Park Service, drove in from work prior on the 12th and left the following day for the Grand Canyon National Park where he assisted the control of the Special Committee on Site Inspection. He remained with the committee during their visit and in the Canyon only.

John D. Coltman, Fire Control Ranger, returned his work in the Park on the 12th and left via the south gate on the 13th for the Grand Teton National Park.

George Grant, National Park Ranger on Photography, from Lake the work gate on the 12th and left via the east gate on the 13th for the Grand Teton National Park.

2nd - Other Government Officers

Mr. William H. Atwood, President of Olympic Distributing, and a member of the Congressional Advisory Board of the National Park Service, returned the park at the south gate on September 6, having previously visited the Grand Teton National Park, and left via the east entrance on September 11.

Mr. Frank S. Mueller, member of the National Advisory Board of the National Park Service, joined the party at the south gate on September 6 and left via the east entrance on the 12th.

Mr. Carl Fisher, in charge of the Bureau of Tourist Activities in the park, left via the south gateway on the 6th for Salt Lake City, where he will work for other Conservation.

Major Oscar T. Keller, District Forester of the U. S. Forest Service at Ogden, joined the party at the south gate on September 10 and left the same gateway on the 12th. He was accompanied by Every Ale of the Lake Tahoe Forestry Department of the same station. Major Keller visited the Park with the south and examined the full and Grand Canyon National Parks in the 4-6 days.

Max T. Dettmann, Chief of the Bureau of Biological Survey, returned the park at the south gate on September 12 with members of the Special Committee on Site Inspection, and accompanied them into the Jackson's Hole, leaving via the south gate on the 13th.

127 - Other Agencies

Dr. Arthur L. Day, Director of the Geophysical Laboratory of the Carnegie Institution of Washington, who has been in the park since August 9, left via the east gate on September 11.

140 - Labor Situation

With the cutting down of activities, it was possible to considerably curtail our forces and no difficulty was experienced in securing sufficient men to fill all positions.

180 - Circulars, Bulletins, Etc.

Circulars Numbers 9, 10 and 11 were issued during the month, and the August issue of Nature Notes was mailed out on the 11th, copies of which are attached hereto. With the departure of the publicity man on August 15 and with a view to conserving paper, the issuance of press releases was cut down. Only one story was sent out during the month, with the exception of the story accompanying the final travel figures, and copies of both of these are attached hereto.

200 - Maintenance, Improvements and New Construction

210 - Maintenance - roads

All work under this feature was general in scope. Travel was exceptionally light after the first of the month and section crews began the usual fall work on clearing ditches and culverts for over the winter months. The first crew abandoned camp on September 8, and by September 23 all maintenance had been closed with the exception of the Mammoth section, which is usually carried over until the middle of October.

220 - Improvements

Carpenter Shop: Employees of the carpentry department were engaged in the following work during the month: Finished the new snowshoe cabin at Grayling Creek; constructed mess house and foundations for the stable and bunk house at the East Entrance. Finished the fish hatchery building at Mammoth, and did miscellaneous carpentry work around headquarters and on several ranger stations.

Paint Shop: During the month of September the following work was done: Finished painting the exterior of the south commissary building; painted the exterior of the gas and oil pump house at Mammoth, the new snowshoe cabin at Grayling Creek, the new fish hatchery building at Mammoth and lumber shed at Mammoth, and painted a trimming on the main garage, stable and barracks buildings. All painting at Mammoth was done in the usual stone gray color. New signs were painted and put up in various places in the park, and miscellaneous repair and painting of buildings at Mammoth was done during the month.

187 - Other Assembly

Dr. Arthur L. Day, Director of the Geophysical Laboratory of the Carnegie Institution of Washington, who has been in the pure sciences since 1, left via the east gate on September 11.

188 - Power Situation

With the curtailing some of activities, it was possible by substantially manual and forced and no difficulty was experienced in meeting requirements and to fill all positions.

189 - Directors, Conferences, etc.

Directors Meetings 9, 10 and 11 were issued during the month, and the regular issue of Tenure Notes was mailed out on the 11th, copies of which are attached herewith. With the departure of the president was on August 12 and with a view to economizing paper, the issuance of power reviews was put down. Only one story was sent out during the month, with the exception of the story recognizing the final Tenure Decree, and copies of both of these are attached herewith.

200 - Behavior, Improvement and Job Orientation

210 - Delinquency - Goals

All work under this factors was general in scope. Travel was accomplished after the start of the month and working crews began the final full work on cleaning ditches and culverts for over the winter months. The river door dedicated camp on September 9, and by September 25 all activities had been closed with the exception of the Kennedy section, which is usually operated over until the middle of October.

220 - Supervisors

Carpenter Shop: Employees of the carpentry department were engaged in the following work during the month: Finished the new concrete cellar at Templing Creek; constructed mess house and foundations for the stable and lumber house at the Camp Entrance. Finished the fish hatchery building on Kennedy, and did miscellaneous carpentry work around blacksmiths and on several regular assignments.

Paint Shop: Some of the month of September the following work was done: Finished painting the exterior of the house constructed building; painted the exterior of the gas and oil pump house at Kennedy, the new assembly shop at Templing Creek, the gas fish hatchery building at Kennedy and lumber shed at Kennedy, and painted a tripping on the main garage, which was burned during January. All painting of Kennedy was done in the usual white, gray mixture. The signs were painted and put up in various places in the park, and miscellaneous repair and painting of buildings at Kennedy was done during the month.

Electrical Department: Employees of this department were engaged in the following work during the month: Construction.- Between West Thumb and Snake River a new telephone line (copper wire on brackets) was constructed, - 1.7 miles,8 to 10 feet wide, of right of way was cut through the timber, 1.8 miles 3-1/2 foot holes were dug for the poles, 2.5 miles of native poles were set, 2.5 miles of 2-wire metallic #8 copper wire was strung, 3.0 miles of the old 1-wire line were taken down and 100 native poles were cut and creosoted for the new line; 10.8 miles of survey made for locating new line, which completes the survey to the South Entrance. The construction of this new telephone line from the West Thumb toward the south entrance was discontinued September 9. A distance of 12 miles of new line was built on this project this season and 8 miles on the Lake to West Thumb line completed, making in all 20 miles of new telephone line constructed during the season of 1930. Maintenance: Approximately 1,000 feet of new 25 pr, lead covered cable was strung from the telephone office to the Administration Building at Mammoth, replacing present cable which is in bad condition. Changed wiring in the addition to Park Naturalist Yeager's office, also changed telephone motor ringing set adjacent to that office. Wired bunk house at Lake for electric lights; wired fish hatchery building near power plant at Mammoth for electric lights; did miscellaneous electrical and telephone maintenance which was somewhat lighter than in previous months.

Sanitation Department: The following work was done by this department during the month: Mammoth.- The Mammoth water and sewer systems were maintained. Water and sewer connections were made to the new fish hatchery building, also completed the inside plumbing system. Considerable work was done in connection with the headquarters buildings. Steam boilers were put in operation, inside plumbing and heating systems were maintained and 8 of the sheet metal roofs were repaired on the various buildings. The showers, laundry and comfort stations in the Mammoth auto camp were maintained and cleaned. The camp ground was cleaned daily, and the garbage hauled away. Apollinaris Springs: Completed one standard comfort station, including 8 flush toilets and two lavatories; completed the water system which consists of a 2,500 gallon concrete reservoir with concrete cover (bear proof) and 600 feet of 2-1/2 inch acid resisting water pipe. It was necessary to use a special water pipe made of an alloy containing cast iron, nickel and chromium on account of using Apollinaris water to supply the comfort station. Norris Area: The auto camp and toilets were cleaned daily. The water system and sewer system were operated and maintained. Madison Junction: Maintenance of and operating the water and sewer systems. The auto camp and 2 comfort stations were cleaned and maintained. Old Faithful: Operating the incinerator and cleaning of can pits. These pits are used to bury cans which have been put through the incinerator. Cleaning the camp grounds, surrounding roads and parking areas. Maintaining and operating 5 comfort stations. The two water systems were operated and maintained. Operating 2 chlorine machines in connection with the two sewer systems. Thumb Area: The pumping plant was run until September 21st, approximately 20,000 gallons of water were used daily, water being pumped from Duck Lake to supply the entire Thumb area. Maintaining the sewer and water system. Cleaning the auto camp and four comfort stations, parking areas, etc. Lake Area: The incinerator was operated until September 22 and can pits were cleaned. The sewer

Electrical Department: Employees of this department were engaged in the following work during the month: Construction.- Between Park Street and Maple River a new telephone line (copper wire on poles) was constructed, - 1.7 miles, 8 to 10 feet wide, of right of way was cut through the timber, 1.2 miles 5-1/2 foot poles were set for the poles, 3.8 miles of metric poles were set, 2.0 miles of 5-wire metallic 19 copper wire was strung, 3.0 miles of old 1-wire line was taken down and 100 metric poles were set and dressed for the new line; 10.3 miles of survey made for locating new line, which completed the survey to Mt. Pleasant. The construction of this new telephone line from the Park Street toward the south extension was discontinued December 9. A distance of 12 miles of new line was built on this project this month and 6 miles on the line to West Branch line completed, making in all 18 miles of new telephone line constructed during the month of 1920. Maintenance: Approximately 1,000 feet of new 60 pr. lead covered cable was dropped from the 50 pair cable in the Administration Building of Company, replacing pairs which is in bad condition. Changes during in the additions to their substation Manager's office, also changed telephones from station sets to wall sets in their offices. Installed one 40 watt electric lighting; added six outlets and power plugs in Company for electric lighting; 4th floor illuminating electrical and lightning protection made; 4th floor the assembly lighter then is provided south.

Installation Department: The following work was done by this department during the month: Repairs.- The Kenneth water and sewer systems were installed. Water and sewer connections were made to the new Fish hatchery building, also completed the inside plumbing system. Considerable work was done in connection with the Sanatorium building. Some boilers were put in operation, inside plumbing and heating system were installed and 5 of the chart rooms were required on the outside buildings. The Auditorium, Laundry and nurses stations in the Sanatorium also some more radiators and closets. The shop product was finished, also the garage behind shop. Installation Jackson: Completed one dwelling, one two garage behind shop. Installation Jackson: Completed the dwelling, installing 8 fires, laying and two lavatories; completed the water system which consists of a 2,000 gallon concrete reservoir with concrete cover (hour proof) and 600 feet of 5-1/2 inch cast iron water pipe. It was necessary to use a special water pipe made of six ring substituting cast iron, related and operating on a system of using Pollinsville water to supply the complete station. Toledo Area: The work done and materials were charged daily. The water and power system were completed and related. Electric Department: Electrical work of and operating the water and sewer systems. The work done and a monthly statement was charged and materials. Old Building: Operating and inspecting and cleaning of the pits. These pits are used to hold some which have been dug through the lightning. Cleaning the shop grounds, overhauling trucks and painting sewer, installation and operating 6 comfort stations. The two water systems were operated and operating a chlorine machine in connection with the two sewer and outlet. Operating a chlorine machine in connection with the two sewer systems. Jackson Area: The plumbing plant was also worth $[illegible] plant, approximately 20,000 gallons of water were used daily, water being pumped from Lake Lodo to supply the entire Jackson area. Maintaining the sewer and water systems. Cleaning the auto shop and four comfort stations, painting sewer, etc. Lake Lodo: The laboratory was operated until September 20 and the pits were cleaned. The water

system was operated including one chlorine machine. Maintenance work was done to the sewage disposal plant. The sludge bed was cleaned and the walls repaired. Planks were renewed on the sedimentation tank. The water system was operated and maintained. The camp grounds and 2 comfort stations were cleaned. Fishing Bridge. The incinerator was completed except the brick work and raising the smoke stack (see pictures). The water system and the 2 sewage plants were maintained and operated. The auto camp grounds and 4 comfort stations were cleaned. The plumbing system in the Hamilton new store was inspected and tested. Canyon Area: The pumping plant was maintained and operated at Cascade Creek. The auto camp was cleaned including six comfort stations. The three sewage plants were operated, including chlorine machines. Tower Falls: Work was commenced on the new water system about September 28. The sewer and water systems were maintained and operated Camp grounds, comfort stations and parking areas were cleaned. Bechler River Ranger Station: A new water system was installed including one Rife Hydraulic Engine, 500 feet 1" water pipe, 175 feet 2" water pipe and a 40-gallon storage tank. All smaller auto camp and parking areas were cleaned twice weekly.

Garage and Mechanical Department: The usual repairs to equipment and trucks were made by this department during the month.

230 - New Construction - roads

Mammoth-Norris Project #502. Mammoth Lodge-Jupiter Terrace Section.- This Section was completed except for necessary guard rail to be built after settlement of road shoulders in the Spring, on September 10. The sidewalk being rebuilt in connection with this section is about 75% complete with the treatment of emulsified asphalt and sand coat yet to be applied as soon as warmer weather conditions permit (see pictures).

Beaver Lake Section.-Grading of 100 stations of this section was completed during the month and approximately a mile surfaced with a shallow coat of selected material of either obsidian sand or fine rhyolite from the deposits at Norris Junction. About 7,000 yards of material was moved with the gas power shovel and an additional 1000 yards with fresnos and graders. A concrete box culvert with ruble head walls at Obsidian Cliff is 50% completed.

Trail Project #526. Work for the month on this project consisted of the construction of one of the two log type bridges and about 100 yards of hand excavation at scattered points along the trail location.

Surface Betterment Project #527. Unfavorable weather conditions delayed this work considerably during the month and only about seven miles of processed road was completed. In order to keep the men and equipment employed and to use the accumulated oil, surface treatment was applied to approximately 23 miles of road that is usually worked in the spring. Two intercepting ditches to remedy poor drainage conditions on the Canyon-Lake section were completed during the month.

Parking Areas Project #528. This project is complete except for the building of a small storm sewer system and processing the roadway, both of which will be carried over until next spring.

system was upgraded including one filter bed. Reservoir work was done in the village Elmwood plant. The clarifier bed was cleaned and the walls repaired. Filters were repaired on the Wednesdaytown main. The water storage tank was painted and maintained. The sump pumping and 2 booster stations were cleaned. Drilling Lighting. The distribution and transmission system was not working (no meter face pictures). The water meters and the 2 sewage plants were maintained and operated. The radio sump pumps and 4 booster stations were cleaned. The pumping stations in the Bradford area were inspected and tested. Sewage Line: The sewage plant was maintained and operated at Cassina Creek. The sewage was treated including air scrubber stations. The Bryan sewage plants were operated, including chlorine machines. Sewer Lines: Lines were unstopped on the saw sewer system about September 20. The sewer and water systems were maintained and operated. Sump pumps, booster stations and pumping stations were cleaned. Sewage Lines Sewer Lines: A new water system was installed including new fire hydrants in Cassina Subdivision, 500 feet 12" water pipe, 175 feet 8" water pipe and 6 4"-inch storage tank. All metallic pipe was and painting area were cleaned and painted.

Streets and Miscellaneous Improvements: The usual repairs to sidewalks and streets were made by this department during the month.

EXC - New Construction - Grade

Bennett-Morris Project 2000. Bennett Lake-Jordan Tunnel Section.- This section was completed except for necessary grade and to be built after settlement of road shoulders in the spring, on September 10. The difficulty being encountered in connection with this section is about 700 complete with the problem of specified asphalt and and cost yet to be applied as some water weather conditions would then have pictures).

Sewer Line Testing.-Testing of 100 manhole of this section was completed during the month and approximately a mile surfaced with a coating of selected mineral of white obtained and or fine asphalts from the Reynolds at Morris Junction. About 7,000 yards of selected was hauled with the gravel above and an additional 1500 yards with Trucks and graders. A concrete box culvert with wing head walls of Oneida - Jordan in 200 sampling.

Trail Improvement. Work for the month on the a project consisted of the construction of one at the log type bridges and about 100 yards of hand construction of selected potato along the trail location.

Jordan Reservoir Project 2000. Intermittent weather conditions delayed this work considerably during the month and only about one miles of pressure road was completed. In order to keep the men and equipment employed and to use the gravel selected on, earlier in the year and equipment is operating at the plant of Jordan Creek Stone Co. Work is usually worked in the winter. The interrupting itself to weather poor topology conditions on the Jordan-Lake section were completed during the month.

Pumping Stone Project 2000. This project is complete except for the building of a small stone house and processing the machine, both of which will be started over until next spring.

Bear Feeding Ground Project #525.6. This is a project authorized early in the month to provide a road and lecture ground at the newly selected bear feeding grounds on Otter Creek above Canyon Junction.

Work on this project involves the construction of 0.6 of a mile of roadway with a normal width of 14' with extra widening at several points to provide passing room. On the loop at the upper end of the road a parking space 40' to 60' wide is provided. From a point near the beginning of the loop, a service road, 10' wide extends 700' to the feeding grounds.

In addition to the road work, the project includes the placing of logs for spectators' seats and the excavation of a trench 8' in depth between the seats and the feeding ground as a protective barrier between the spectators and the bears.

The main and service road are practically completed and the project as a whole may be considered as 80% complete.

Lewis River Bridge Project #525.7. This project, authorized during the month, consists of reconstruction of the old log bridge across Lewis River below the falls, with one of a similar log type of construction. The old bridge, originally constructed about twenty years ago, was so badly rotted that it had become unsafe for loads much in excess of two tons. The work is now 90% complete.

Roadside Cleanup: This activity includes four projects that are financed from funds set aside from road funds under the supervision of the Bureau of Public Roads and consists of a general cleanup of all dead and down timber or other debris that may be visible to travel along the road.

Artist Point Project #529.1. Clearing and piling 100% complete, burning 50% complete.

Norris-Madison Project #520.2. Clearing and piling 30% complete, burning 15% complete.

East Entrance-Lake Butte Project #532. Clearing, piling and burning 50% complete.

Canyon-Junction-Tower Junction Project #533. Clearing and piling 5% complete, no burning. Only a four mile section of this project is programmed for this fall work.

260 - Landscape Division

The sidewalk from the Mammoth Lodge to the Plaza at Mammoth is nearing completion. The experimentation with Bitumuls has proven extremely satisfactory from a landscape point of view in that the original surface can be duplicated.

Deer Creek Crossing Project (SSR.6). This is a project authorized only in the sense that it permits a road out Indian Creek to the newly acquired deer feeding grounds in Grant County above Sugar Creek.

This on this project involves the construction of 0.6 of a mile of gravel rib a tunnel width of 16' with extra clearance at several points to accept the passing cars. On the top of the tunnel and of the rock a parking space 40' by 60' also is provided. From a point near the beginning of the tunnel, a gravel road, 10' wide extends 700' to the feeding grounds.

In addition to the road work, the project includes the clearing of land for campsites, parts and the construction of a bridge 8' in depth between the roads and the feeding ground of a protective barrier between the campsites and the lagoon.

The roads and parking and are provisionally scheduled and the project as a whole may be considered as 80% complete.

Lewis River Bridge Project (SSR.7). This project, authorized during the month, consists of reconstruction of the old log bridge across Lewis River below the falls, with use of a similar log type of construction. The old bridge, originally constructed about twenty years ago, was in badly rotted that it had become unsafe for loads in excess of ten tons. The work is now 80% complete.

Spokane Channel: This activity includes four projects that are financed from funds set aside from road funds under the supervision of the Bureau of Public Roads and consists of a general clearing of all dead and fallen or other debris that may be visible to travel along the road.

Wright Lake Project (SSR.1). Clearing and piling 100% complete, burning 50% complete.

Spokane-Wright Project (SSR.2). Clearing and piling 50% complete, burning 10% complete.

Bear Lake-Lake Lake Project (SSR). Clearing, piling and burning 90% complete.

Spokane-Twelve-Mile Hunting Project (SSR). Clearing and piling 85% complete, no burning. Only a few mile section of this project is proposed for this fall work.

SSP - Indiana Airline

The planned from the memory lodge to the Plans at Spokane is nearing completion. The construction has already the green strength satisfactory from a Indiana point of view in that the original surface can be established.

The spectators' platform at Tower Falls has been replaced and enlarged and with the addition of a ramp adjacent has provided for a considerable increase in capacity and allows a better view of the falls.

The road projects under construction are progressing satisfactorily and several minor line revisions between Norris and Madison Junctions have been made to advantage.

Considerable cleanup has been done in the rear of the cabin area at Fishing Bridge in the old dumping ground for garbage and stumps of trees by Mr. Wiggins during the construction of the new incinerator near that point by filling in pits which were borrowed for fills.

300 - Activities of Other Agencies in the Park

310 - Public Service Contractors

Due to the decrease in business and the falling off in travel, authority was given the park operators to close some of their operations earlier than in previous years. Roosevelt Lodge was closed on September 5, while the Lake Hotel and Lodge were closed on the 13th. Old Faithful Inn and Lodge closed after lunch on the 19th and the Mammoth Hotel and Lodge, after dinner on the same date. The housekeeping cabins and cafeterias at Old Faithful and Fishing Bridge operated until the 25th and the same operations at Mammoth and Canyon remained open until October 1. Mr. C. A. Hamilton took care of late visitors at Lake and Old Faithful after September 25, and will continue these operations as long as travel continues. The housekeeping cabins and cafeteria at Thumb closed after breakfast on the 17th and the general store and gasoline filling station at that point remained open until the 19th. The Tower Falls Store and housekeeping cabins closed on the 10th.

400 - Flora, fauna, and natural phenomena

410 - Ranger, naturalist and guide service

Chief Ranger Baggley was with the Senate Wild Life Committee during the entire time that they were in Yellowstone Park. He also accompanied them to the Grand Teton Park in Jackson Hole, leaving Yellowstone on September 22 and returning on the 26th.

On the 28th the Chief Ranger started on an extended pack trip through the Gallatin country. He was accompanied by Assistant Chief Ranger Douglas, Field Naturalist Russell, Park Naturalist Yeager and Ranger Dupuis. They were met at Sportsmen Lake by A. H. Abbott, Forest Supervisor, Gallatin National Forest, and Forest Ranger White, who were asked to join this trip of inspection. They expect to be back at headquarters by October 4.

420 - Museum Service

With the close of the 1930 tourist season the summer activities of the Educational Department have come to a close. The hikes and lectures which had

The spectators' galleries at Jones Hall have been replaced and improved and with the addition of a prop cyclorama has provided the [illegible] increase in capacity and allows a better view of the stage.

The road projects under reconsideration are progressing satisfactorily and several album line revisions between Steele and Gulden Junctions have been made to advantage.

Considerable clearing has been done in the rear of the public area at Riding Bridge in the old Jungle around the pelicans and cranes of Texas by the Rangers during the construction of the new Interpretive Exhibit and point of filling in pits which were covered for safety.

300 - Activities of Other Agencies in the Park

310 - Public Service Contractors

Due to the decrease in business and the falling off in revenue, authority was given the park concessions to close some of their operations earlier than in previous years. Tonkawa Lodge was closed on September 8, while the Lake Texoma and Lodge were closed on the 11th. Old Rockport Inn and Lodge closed after Labor Day on the 12th and the Kerrville Motel and Lodge, after Labor Day, on the same date. The Brownsville motel and cottages at Old Fort Ringold and Fort Brown opened as well the 20th and the same concessions at Kerrville and Cooper Dam opened on the 21st. Mr. [illegible] Hamilton took over as of June 1st the [illegible] at Cooper Dam, and will continue these operations on long as travel conditions. The Brownsville motel and cottages at Fort Brown closed after Labor Day on the 27th and the general store and gasoline filling station at that point was closed upon until the 10th. The Texas Jungle Camp and Roadwayside Lodge closed on the 11th.

400 - Fiscal, Legal, and Personnel Management

410 - Finance, Reservations and Public Service

Chief Ranger Hardin was with the Parks Bird Life Committee during the waiting time that they were in Washington D.C. He also accompanied them on the Grand Canyon Park in Arizona this, leaving Washington on August 20 and returning on the 30th.

On the 20th the Chief Ranger started on an extended pack trip through the Guadalupe country. He was accompanied by Park Ranger Chief Ranger Hughes, Field Naturalist Tomkins, Park Ranger-Naturalist Ranger and Ranger Jones. They were met at Pontotoc Lake by Mr. A. Abbott, Forest Supervisor, Guadalupe National Forest, and Robert Hughes, who were asked to join this trip at Kerrville. Some account of the trip at Guadalupe by Ranger H.

410 - Museum Service

The close of the 1940 fiscal year saw the museum activities of the Parks Bureau and Department have come to a close. The Texas and Louisiana which had

been more enthusiastically received than in any previous year were all discontinued by the 19th of the month, and all the Museums closed by the last day of September. 110 field trips accommodating 1918 persons as well as 12 auto caravans with an attendance of 388 persons were conducted by the naturalists as an aid to the tourist in seeing and appreciating the details of the park phenomena. 81 lectures with an attendance of 7656 persons were made as a part of our program established to enable the park visitors to understand what it is that he is seeing while in the Park. In addition to these activities, the visitors availed themselves of the Museums and information offices which made 12,654 tourist contacts.

The Park Naturalist, in company with the Field Naturalist, spent some time in the compilation of more data and exhibits relative to the history of the Indians as well as the White Man in Yellowstone Park and adjacent areas. This work has resulted in several valuable gifts to the Museums, as well as an increased interest in our work from a number of outsiders who are in a position to render us valuable aid.

The Park Naturalist, as a member of a party of seven, spent September 28th to October 2nd, inclusive, on a pack trip into the recently acquired area on the northwest corner of the Park. The knowledge acquired of the scenery and phenomena of the region will be of considerable value in the compilation and dissemination of information which the Educational Department is charged with.

Very little effort has been made to concentrate on the winter projects as yet, the majority of the time being taken up by the closing up of the summer's activities.

The new museum building at Old Faithful is about 75% complete. The heaviest part of the work id sone, that is the getting on the ground and placing of rocks and logs. No further work is being done there this winter.

been more enthusiastically received than in our previous year's all-inclusive by the 1955 or 56 series, and all the museums closed by the last day of September. The field trips accomodating 1000 persons as well as in more surprisingly in attendance of 300 persons were conducted by the museum alone as an aid by the Society in meeting and interpreting the details of this year's programme. In keeping with an attendance of 7000 persons was a part of our program actually used to enable the park authorities to understand what it is that is in demand while in the park. In addition to these surprises, the visitors availed themselves of the museum and interpretive activities made in, and Society's exhibits.

The Park Historian, in accordance with the Field Naturalists, spent some time in the compilation of more data and available relatives to the history of the Tantalon as well as the Mills in Mahone Bay and elsewhere. This was has resulted in several valuable gifts to the museum, as well as the general interest in our work from a number of outsiders who are in a position to render us valuable aid.

The Park Naturalist, as a member of a party of seven, spent September 20 to October 2nd, inclusive, on a joint trip into the region supplied from the Northwest corner of the Park. The knowledge acquired of the geology and geography of the region will be of considerable value in the compilation and dissemination of information which the Educational Department is carrying out.

Very little effort has been made to conclude on the winter programme as yet, the majority of the time being taken up by the closing up of the summer activities.

The new museum building at Old Tantallon is quite well completed. The exterior part of the work is done, that is the getting on the ground and placing of rocks and logs. No further work is being done there at present.

430 - Buffalo Corral

From the 1st to the 19th inclusive there were a total of 2139 visitors in attendance at the buffalo corral. During the season a total of 31,277 visited the buffalo corral as compared with 47,353 for last year and 59,800 for 1928. About 85% of the total attendance was comprised of tourists in private cars.

440 - Insect Control

The timber and insect survey that is being made in the southwest corner of the park is progressing fine, and the whole section bounded by the West Yellowstone-Old Faithful road and south of Old Faithful to the south boundary will probably be finished late this fall.

460 - Birds

Nearly all the summer birds have left since the beginning of the month when the weather started turning colder. Large numbers of Canada geese and ducks have been reported seen by the rangers in the various streams and in the park. Trischman and Bush while on a ten day pack trip reported seeing about 3,000 ducks on White, Tern and Fern Lakes. They also saw 5 trumpeter seans on these lakes, including one cygnet.

470 - Animals

Forage conditions at this time are a little better than last year due to the heavy rains of last month. However, should an unusually hard winter occur it will be necessary to feed quite extensively.

Elk: Snowstorms on the 23rd and 25th started the elk to drift toward the lowlands, although the drift is not as noticeable as last year.

Buffalo: 35 head of buffalo drifted down to the Lamar River on the evening of September 20, and a total of 800 came down during the night of September 23rd. Last year during this month all of these animals were higher up in the hills and no noticeable drift occurred. It is to be noted that after the buffalo stampede on September 18, 1929, the buffalo drifted back to their summer range rather than stay on their winter range.

Bears - black and brown: The bears have been frequenting the mess houses and ranger stations since the park operators have closed their concessions. No great amount of damage has been done by these animals for the month.

Bears - grizzly: A total of six grizzly bears were shipped out to public zoos during the latter part of the month. Shipments were as follows: Liberty Park Zoo, Salt Lake City, Utah 3; Zoological Society of San Diego 2; Columbus Zoo, Columbus, Ohio 1. Park Point and Cabin Creek cabins were badly damaged by bears during the month when the doors were smashed in; whether this

was caused by grizzlies or blacks is not known.

Mountain Sheep: Mountain sheep as yet are still in the high hills. Small bands are to be seen on Mt. Washburn, Mt. Norris, the Thunderer, Abiathar Peak and around Cutoff Mountain.

Antelope: The antelope are gradually drifting into their winter range; small bands of 5 to 25 are to be seen from the Gardiner hay fields through the Lamar Falls district and up the Lamar Valley. Their condition is noted as good.

Deer: The deer have returned to the Mammoth parade grounds, the first ones being seen on September 24. Since then several more have drifted in. It was reported that the deer had left West Thumb, drifting toward Old Faithful about the middle of the month. They were also numerous along the roadsides, being seen all over the park.

Moose: Moose are being reported seen over the entire park, especially so in the early mornings and evenings. There was one moose in Gardiner on September 22 trying to get inside the Park fence. Several were also seen in the Riverside district along the west boundary.

Small Animals: Marten have frequently been seen along the Norris-Mammoth road during the latter part of the month. The ground squirrels have all gone into hibernation. Marmots were seen at Old Faithful the first 10 days of September, which was a little later than usual. The beaver and muskrats are hard at work putting in their winter's supply of food.

Predatory Animals: Very few coyotes have been seen during the month and no coyotes were killed.

Dogs: 2,226 dogs were admitted through the park during the past travel season as compared with 2,544 last year and 1,905 during 1928.

Fish: There was a total of 76,692 fish taken from the park waters by private autoists during the past season as compared with 38,495 for last year, and 42,460 for 1928. It is estimated that 50,000 fish are taken by rail tourists and local people during the season that are not accounted for, making a grand total of 126,692 fish.

Fish Planting: Fish eggs and shipments of fish are noted as follows:

Eggs taken.....		15,389,000
Eggs shipped:		
Bureau of Fisheries account.....	7,117,000	
Glacier National Park.....	500,000	
Grand Canyon National Park.....	50,000	
	7,667,000	
Eggs lost.....	2,302,500	
Fish lost.....	17,000	

Fish Shipped:

Yellowstone Lake & system.....	2,661,100	
Yellowstone Park waters.....	1,656,500	
Transferred to Mammoth pools.....	500,000	
Teton National Park.....	189,550	
Teton National Forest.....	183,350	
Shoshone Natl. Forest (Valley Ranch)..	173,000	
Washakie National Forest.....	39,000	
		15,389,000

Mammoth Rearing Pools
(As of September 12, 1930)

Fish Shipped:
Loch Leven trout fingerlings #4..... 26,250

Fish on hand:
Black-spotted trout..... 500,000
Rainbow trout..... 200,000

480 - Natural Phenomena

At 8:10 p.m. on September 15 a light earth tremor was felt at Norris Junction.

490 - Buffalo and Other Ranch Operations

All haying operations were concluded on the various ranches this month. Ranch foremen have since then been busy preparing for winter, storing machinery, repairing tools and equipment. Hay tonnage on the various ranches is tabulated as follows:

Buffalo Ranch:
Old hay 170
New hay 150 320 tons

Slough Creek Ranches:
Upper Ranch:
Old hay, none
New hay 98 98 tons

Lamar Ranch:
Old hay 112
New hay 137 249 tons

Yancey Ranch:
Old hay 60
New hay 48 108 tons

Game Preservation Ranch:

Old hay	100 tons	
New hay	76	176 tons

Gardiner Ranch:

Old hay, none		
New hay	92	92 tons

Hay cut at Pelican Meadows
and delivered to:

Buffalo Ranch	150	
Yancey Ranch	11	161 tons

Total 1204 tons

This tonnage will not meet normal requirements, as compared with 1848 tons for last year.

Game Meeting

On September 5 and 6 a Tri-State game meeting was held at Mammoth Hot Springs. This meeting was attended by representatives of the National Park Service, Forest Service, Biological Survey, Bureau of Fisheries, Dude Ranchers Association and sportsmen's associations. The meeting was presided over by Chairman S. B. Locke, Associate Biologist, Forest Service, Ogden, Utah, and the Secretary of the meeting was Mr. Roy Thompson, President of the Salt Lake Fish and Game Association, Salt Lake City, Utah. Mr. Fred Foster, Bureau of Fisheries representative, who has been stationed in Yellowstone during the summer season, spoke about the problem of fish planting and stocking, and it was generally agreed that this should be done in a scientific, systematic manner to get best results, first ascertaining the food supply, capacity, kind of fish and accessibility of waters to be stocked. The problem of winter elk range was discussed both for the northern and southern herds of elk. Mr. William Rush, in charge of elk studies in Yellowstone, led the discussion and gave a report on the forage conditions, etc. In the discussion of game conditions Mr. Larom brought up the subject of the effect of airplanes on hunting. There was a general discussion on fish and game problems with a view to determining a system of game management and it was brought out that there was a great need for more scientific information on fish and game. It was decided that these meetings should be held each year and next year's meeting will be held at Yellowstone again.

500 - Use of Park Facilities by the Public

510 - Increase or decrease of travel

The 1930 tourist season officially closed on September 19, and travel records were closed on September 25. A copy of the final travel statistics is attached hereto.

Game preservation fund:

Air Ref	100 tons	
Fox Ref	76	176 tons

Sanctuary funds:

Old Ref, Cobb		
New Ref	24	24 tons

Key cut at Yellow Springs and delivered to:

Buffalo herds 1(b)		
Temple herds	31	181 tons

Total 1004 tons

This tonnage will not be made because it was necessary, by comparison with 1945 tons for last year.

Game Meeting

On September 3 and 4 a Bi-State Game meeting was held at Lamont, Fort Springs. This meeting was attended by representatives of the Montana Game Service, Forest Service, Biological Survey, Bureau of Fisheries, Game Wardens Association and sportsmen's associations. The meeting was presided over by Chairman S. B. Locke, Executive Biologist, Forest Service, Ogden, Utah, and the secretary of the meeting was Mr. Ray Thompson, President of the Lake Tish and Game Association, Tell Lake City, Utah. Mr. Fred Foster, Bureau of Fisheries supervisor, was also present and assisted in Yellowbone County the meeting. Some about the problem of game planting and stocking, and it was generally agreed that this should be done in a scientific, systematic manner in get best results, first establishing the food supply, cover, kind of fish and adaptability of species to a water. The problem of water did range was discussed both for the northern and southern parts of the state. Mr. Hilliard, in charge of air stocking in Yellowstone, led the discussion and gave a report on the range conditions, etc. In the discussion of game conditions Mr. Lacey brought up the subject of the effect of airplanes on hunting. There was a general discussion on this and game conditions with a view to determining a system of game conservation and it was brought out that there was a great need for more satisfactory information on this and game. It was decided that these meetings should be held each year and next year's meeting will be held at Yellowstone again.

000 - Use of Park facilities by the Public

010 - Increase in attendance of tourist

The 1940 tourist season officially closed on October 10, and travel records were closed on September 30. A copy of the final travel statistics is attached hereto.

The grand total of all travel for the year was 227,901, as compared with 260,697 last year and 230,984 for 1928. The travel shows a loss of 32,796 or a decrease of about 12%. A press release giving detailed statement of the travel for the past year has been mailed to the press, railway officials, public operators and friends of the park throughout the country.

520 - Weather

The lowest temperature of the month, 26°, was registered on the morning of the 1st, with a killing frost. The first frost of the season was thus a killing frost, terminating the frost record for this autumn, as it is not customary to record frosts after the first killing one of autumn. Frosts occurred, however, on various other dates of the month. A below normal departure was recorded in the mean temperature of the month, which was 51.2°, with a departure of -2.2°, the eighth consecutive September with mean temperature lower than normal.

Total precipitation was 1.36 inches, or 0.09 inch above normal. This is more than occurred in September in the years 1929 and 1928. Snowfall amounted in all to 1.3 inches, that depth falling in one storm, on the 23rd, though there were traces of snow on other dates. The greatest amount of precipitation in 24 consecutive hours was 0.47 inch on the 7th and 8th. The duration of sunshine was 52% of the possible time. There were 7 clear days, 16 partly cloudy days, and 7 cloudy days during the month, and 10 days upon which .01 inch, or more, of precipitation occurred. Thunderstorms were noted in the records on the 6th, 7th, 9th, and 17th, with light hail mixed with rain in the thunderstorm on the 9th. Light fog was recorded on the 8th. Relative humidity averaged 75% at 6 a.m. during the month, 46% at local noon, and 48% at 6 p.m. Prevailing wind direction was Southwest, with a total movement of 4,328 miles, and an average hourly velocity of 6.0 miles. The maximum velocity was 30, from Southwest, on the 11th.

540 - Visitors

Three members of the U. S. Senate Special Committee on Wild Life Resources visited the park either enroute to or from the meetings which were held in the Jackson Hole country. Honorable Frederic C. Walcott of Connecticut, Chairman, came in the north gate on September 20 and left via the south gate on the 22nd. Honorable Key Pittman of Nevada came in the north gate on the morning of the 24th and left via the south gate on the same day. Honorable Peter Norbeck of South Dakota came in via the south gate with Director Albright on the 26th and left via the east gate on the 27th. Morris Legendre, secretary to the committee, and his assistant, Carl D. Shoemaker, came into the park via the south gate on September 19 and left via the same gateway on the following day.

George D. Pratt, President of the American Forestry Association and eastern conservationist, entered the park at the north gate on September 20 with Senator Walcott of the Senate Special Committee on Wild Life Resources, and left via the south gate on the 22nd. Mr. Pratt is interested in the purchase of lands north of the park for winter elk range.

A meeting of persons interested in fish and game matters in the Yellowstone and adjoining States was held at Mammoth Hot Springs on September

The gross sales of all items for the year ended 1[illegible],901, be compared with 3[illegible],007 last year and 300,[illegible] for 1[illegible]. The overall shows a loss of 2[illegible],[illegible]0 or a decrease of about 1[illegible]. A [illegible] reflecting [illegible] of the Council for the past year has been mailed to the press, public officials, public operators and friends of the park throughout the country.

[illegible] - Weather

The lowest temperature of the month, 30°, was registered on the morning of the 1st, with a chilling frost. The first frost of the season was [illegible] chilling frost, resulting the frost remain for this season, as it is not necessary to record [illegible] after the first killing one of season. Frosts occurred, however, on various other dates of the month. A higher general departure was recorded in the mean temperature of the month, which was 6[illegible].6°, with a departure of -0.6°, the eighth consecutive September with mean temperature lower than normal.

Total precipitation was 1.[illegible] inches, or 0.[illegible] inch above normal. This is more than occurred in September in the years 1[illegible] and 1930. Snowfall occurred in all to 1.[illegible] inches, but depth falling is one place, on the 22nd, though there were traces of snow on other dates. The greatest amount of precipitation in 24 consecutive hours was 1.[illegible] inch on the 7th and 8th. The [illegible] of measurable rain [illegible] days. There were 7 clear days, 1[illegible] partly cloudy days, and 7 mostly cloudy during the month, and 10 days rain which, in fact, or more, of precipitation occurred. Thunderstorms were noted in the vicinity on the 7th, 9th, and 17th, with light hail noted with rain on the thunderstorm on the 9th. Light fog was reported on the 8th. Relative humidity averaged [illegible] at 6 a.m. during the month, high at local noon, and [illegible] at 6 p.m. Prevailing wind direction was northwest, with a total movement of 6,[illegible] miles, and an average hourly velocity of 6.0 miles. The maximum velocity was 40, from northwest, on the 11th.

[illegible] - Visitors

[illegible] members of the U. S. Naval Medical Committee on Field Life [illegible] visited the park during October to see first the meetings which were held in the Jackson Park auditorium. Numerous Industrial U. [illegible] of Commerce, [illegible], were in the park [illegible] on September 22 and left the same day on the 23rd. Numerous [illegible] visitors of lesser come in the park with the [illegible] of the park and left via the south gate on the same day. [illegible] [illegible] of [illegible] came in via the south gate [illegible] Alberto on the 27th and left via the west gate on the 27th. Senor Lagunilla, secretary in the embassy, and his assistant, Don [illegible] Gonzalez, came into the park via the south gate on September 19 and left via the south gate on the following day.

Among [illegible] Posts, members of the American Legion Hospital association and auxiliary associations, visited the park at the north gate on September 21 with Senator Roberts of the Illinois Legislature Committee on Field Life Conservation, and left via the south gate on the same. No. Posts in interested in the problems of hospitals and of the park for winter all years.

A meeting of persons interested in this and some matters in the Tallgrass and Bluestem Prairie was held at Chicago the Saturday on September

5 and 6. The meeting was attended by Government and State officials and members of sportsmen's organizations and of the dude ranch organization.

James Barbour, Assistant Purchasing Agent of the Yosemite Park and Curry Company, entered the park at the north gate on September 10 and left on the 14th via the west gate.

O. S. Warden, Editor of the Great Falls Tribune and a member of the Montana Highway Commission, came into the park at the west gate on September 27 and left via the north gateway on the same day. He was accompanied by Judge Patten and Mr. Brown of Bozeman, and State Engineer Rader of Montana.

Mr. Noel E. Odell, distinguished European mountaineer and a member of the third Mount Everest expedition, entered the park at the north gate on September 27 and left via the north gateway on the 30th. A trip was also made to the Grand Teton National Park.

A and B. The operation was attended by Commissioners and [illegible] members of sportsmen's organizations and of the Boys Scouts organization.

Dave Sanford, individual Pre-Emptor Agent of the Tomahawk Pack and Gun Company, entered the park on the north gate on September 10 and left on the 14th via the west gate.

O. E. Carlson, driver of the Great Falls Tribune and a member of the Montana Alpinist Association, came into the park at the west gate on September 27 and left via the north gateway on the same day. He was accompanied by Helge Petten and Dr. Strong of Bozeman, and wrote his [illegible] story of Montana.

Mr. Noel T. Udell, distinguished Burgess mountaineer and a member of the Sierra Club Summer expedition, entered the park at the north gate on September 27 and left via the south gateway on the 30th. A trip was also made to the Great Falls National Park.

900 - Miscellaneous

The park school at Mammoth started this year on September 2 with 13 pupils, under a new teacher, Miss Elsie Pfohl of Gardiner, Montana, who succeeded Mrs. C. A. Green.

On September 10, K. C. McCarter, Assistant Landscape Architect for the National Park Service, and Miss Margaret Jamieson, formerly employed in the Superintendent's office, were married in the little church some fifteen miles south of Moran in the Jackson Hole country. Several members of the Park Service - Superintendent and Mrs. Toll, Superintendent and Mrs. Woodring, Mr. and Mrs. Joffe, Mr. and Mrs. Maier, Mr. Howard Sherman and Miss Margaret Sabin, attended the wedding.

On September 25, Newell F. Joyner, Assistant Park Naturalist, was married to Miss Laura Miller of Aurora, Nebraska, at Livingston, Montana.

On September 15, John Baumm (Scotty), Park Ranger, was married to Miss Sadie McDonald at Bozeman, Montana.

On September 16, a supply of the new administration maps of Yellowstone National Park was received from the Geological Survey.

Post Office

The five postal stations in use in summer were closed at the end of the season, and the Star Route connecting them was discontinued at the close of September 19th.

The post office was moved to winter quarters on September 30th.

Receipts for the summer showed a decrease of 14-1/3% over the same period in 1929.

Church Services

Baptist services were held in the chapel morning and evening of September 7th, by Rev. Thomas Huxley.

No services were held the morning of September 14th, as there was no minister available. The evening services were conducted by Rev. Otto G. Ponath, the Methodist minister from Pine Creek near Livingston, Montana.

Episcopal services were held in the chapel on the evening of September 21st by Rev. L. D. Smith of Livingston, Montana.

Medical and Hospital Service

The following is the report of the Yellowstone Park Hospital for the period September 1 to September 15, inclusive. On September 16 Dr. G. A. Windsor and his staff moved to their winter headquarters at Livingston, Montana:

1940 - Liberal Church

The post school in Lennox, started this year, has enrolled 3 girls in grades, under a new teacher, Miss Elsie Ziegl of Gardner, Kansas, who succeeded Mrs. G. A. Green.

On September 10, I. O. Jackson, and some Indianola residents had the Christmas Tree Service, and the Lennox Lodge, formerly employed in the Farmers Bankers's office, was marched in the little church with fifteen other members of Lennox in the Jackson Dale memory. Several members of the Junior - Senior Methodist and Mrs. Hall, Superintendent and Mrs. Goodelsen, Mr. and Mrs. Dolle, Mr. and Mrs. Baker, Mr. Lowell Jackson and Miss Dorothy Dale, attended the meeting.

On September 18, Pearl V. Johnson, 2nd class Fire Controller, was married to Miss Lucy Willis of Lenox, Tennessee, at Livingston, Montana.

On September 12, John Lemmon (Scotty), Fire Ranger, was married to Miss Sadie McDonald at Jocerum, Montana.

On September 14, a supply of a new substitutes soap of Philadelphia Brand Fats was received from the Geological Survey.

Post Office

The five postal stations in use in August were closed at the end of the season, and the four Ranger Guardsmen were discontinued at the close of September 15th.

The post office was moved to winter quarters on September 8th.

Receipts for the season showed a decrease of 14-1/2% over the same period in 1939.

Church Services

Baptist services were held in the chapel morning and evening of September 8th, by Rev. Thomas Hooley.

No services were held the morning of September 15th, as there was no minister available. The evening services were conducted by Rev. Otto C. Tenck, the Methodist minister from Glen Creek near Livingston, Montana.

Episcopal services were held in the chapel on the evening of September 22nd by Rev. L. O. Smith of Livingston, Montana.

Medical and Hospital Service

The following is the record of the Yellowstone Park Hospital for the period September 1 to September 11, inclusive. On the tenth Dr. C. A. Wilkerson and his staff moved to their winter headquarters at Livingston, Montana.

Total number of patients in hospital..... 20

8 sick
5 minor injuries
7 major injuries
20 total
6 deaths: Donald Sears, at hospital, ruptured appendix.
M. J. Carson, at Old Faithful Lodge, heart failure.
Milo Nelson, at Old Faithful Inn, heart failure.
Mrs. U. G. Walker, at Fishing Bridge, heart failure.
Wm. Walton Roe, at home, Mammoth, senility.
C. E. Palmer, at Lake Lodge, heart failure.

Number of miles traveled..... 1,230
Number of calls in park, majority employees..... 27
Number of complete tours of park, checking dispensaries, looking after guests and employees, majority employees..... 3
Number of minor operations, dressings, etc., coming to the hospital..... 60
Number of calls upon nurses throughout the park dispensaries by employees and guests, majority employees.... 230

Dr. Paul Gailmard, the resident physician, reports the following for the period September 15 to September 30 inclusive: Office visits 76. Of these 28 were accidents; home visits 9. Of these 7 were accidents.

Very truly yours,

Guy D. Edwards
Acting Superintendent.

AEG

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

YELLOWSTONE National Park for the Month of SEPTEMBER 1930

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date Completion
Mammoth-Norris 502	80	10	7	July 1, 1931
Madison-Old Faithful 525.1	99	0	0	Oct. 15, 1930
525.3 Madison-West Yellowstone	100	0	0	
525.2 Gardiner Gate	100	0	0	
525.4 Signs	20			
525.5 Post Const. Maintenance	35			July 1, 1931
525.6 Bear Feeding Grounds	85	85	0	Oct. 20, 1930
525.7 Lewis River Bridge	90	90	0	Oct. 15, 1930
526 Old Faithful Trails	18	10	8	July 1 1931
528 " " Parking	90	40	50	Oct. 15, 1930
529.1 Artist Point Cleanup	90	90	0	Nov. 1, 1930
529.2 Oiling	20	20	0	
530.1 Norris-Madison Oil	50	10	40	
530.2 " " Cleanup	50	50	0	Nov. 1, 1930
530.3 " " Bridge	0	0	0	
532 East Entrance Lake Butte Cleanup	50	35	15	Oct. 15, 1930
533 Canyon-Tower Jct. Cleanup	15	15	0	Nov. 1, 1930
486 Mammoth Water System	5	5	0	July 1, 1931
413 Messhouse, West Gallatin	100			
414 " , Sylvan Pass	100			
415 Bunkhouse, West Gallatin	100			
416 " , Sylvan Pass	50			Nov. 1, 1930
417 Stable , West Gallatin	100			
418 " , Sylvan Pass	50			Nov. 1, 1930
419 " , Norris Junction	100			
421 Comfort Station-Old Faith.	100			
422 " " " "	100			
423 Garbage Incinerator	100			
423.1 " "	10			~~Nov. 1, 1930~~
532.1 East Entrance Lake Butte Road Cleanup	60			Oct. 20, 1930

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Yellowstone National Park for the Month of September 1940

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date Completion
Yellowstone-Forest	80	10	7	July 1, 1941
2.1 Yellowstone-Old Faithful Ext.	90	0	0	Oct. 15, 1940
2.3 Madison-West Yellowstone	100	0	0	
2.4 Gardiner Gate	100	0	0	
2.4 Alum	80			
2.5 Post Court, Mainstreams	35			July 1, 1941
2.6 Lower Geyser Crossing	80	0	25	Oct. 30, 1940
2.7 Lewis River Bridge	90	0	20	Oct. 15, 1940
2.8 Old Faithful Service	10	8	10	July 31, 1941
2.8 " " Trailer	90	80	40	Oct. 15, 1940
2.9.1 Artist Point Cleanup	90	0	40	Nov. 1, 1940
2.9.2 Gilling	80	0	80	
2.9.3 Sorrels-Madison Oil	70	40	10	
2.9.2 " " Cleanup	80	0	80	Nov. 1, 1940
2.9.3 " " Bridge	0	0	0	
East Entrance Lake Butte				
Cleanup	80			
2 Canyon-Tower Jct. Cleanup	12	12	35	Oct. 15, 1940
2 Lamoth Water System	5	0	10	Nov. 1, 1940
2 Mammoth, West Quality	100	0	5	July 1, 1941
4 " , Upper Pass	100			
2 Yellowstone, West Quality	100			
2 " , Upper Pass	80			Nov. 1, 1940
2 Stable , West Quality	100			
2 " , Upper Pass	70			Nov. 1, 1940
2 " , Sorrels Junction	100			
2 Comfort Station-Old Faith.	100			
2 " " " "	100			
2 Overhead Indicator	100			
2.1 " "	80			
2.1 East Entrance Lake Butte				
Road Cleanup	80			Dec. 20, 1940

10-157
(July, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

YELLOWSTONE National Park for the month of SEPTEMBER 1930

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
IVATE TRANSPORTATION:						
rs first entry, ...	3967	58589	4631	63977		8
rs reentry, ...	1026	4819	827	4257		13
torcycles, ...	20	180	16	181		
Total motor vehicles, ...	5193	63588	5474	68415		7
rsons entering via motor hicles, ...	14312	200169	16043	219240		9
rsons entering via other ivate transportation, ...	171	887	1577	2478		64
Total persons entering via private transportation, . . .	14483	201056	17620	221718		8
HER TRANSPORTATION:						
rsons entering via stages, .						
rsons entering via trains, .	4000	26845	5546	38979		31
rsons entering otherwise, . .						
Total other transportation, .	18483	227091	23166	260697		12
AND TOTAL ALL VISITORS, . . .						

	This Year	Last Year	Increase	
			Number	Percent
tomobiles in public camps during month, .	1178	. .		
mpers in public camps during month, . . .	3722	. .		

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

0-157
y, 1959)

TRAVEL REPORT

[redacted] . . . . . National Park for the month of . . . [redacted] 1960 .

	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, ...	[redacted]	[redacted]	[redacted]	[redacted]		8
reentry, ...	1,040	4,819	837	4,207		13
revolves, ...	20	120	10	101		
tal motor vehicles, ...	5,103	[redacted]	5,474	[redacted]		7
ons entering via motor cles, ...	[redacted]	[redacted]	1,804	[redacted]		9
ons entering via other ate transportation, . . .	171	807	1,077	2,475		44
tal persons entering via ivate transportation, . . .	[redacted]	[redacted]	1,720	[redacted]		9
R TRANSPORTATION:						
ons entering via stages, . .						
ons entering via trains, . .	400	1,842	[redacted]	[redacted]		31
ons entering otherwise. . .						
tal other transportation .	[redacted]	[redacted]	2,146	[redacted]		14
O TOTAL ALL VISITORS, . . .						

	This Year	Last Year	Increase Number	Increase Percent
obiles in public camps during month, .	[redacted]			
ers in public camps during month. . . .	[redacted]			

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

YELLOWSTONE National Park for the month of SEPTEMBER, 1930.

	This Month	This Month Last Year
Number of employees beginning of month,	122	123
Number of additions, ...	3	0
Total, ...	125	123
Number of separations, ...	47	44
Number of employees close of month, . .	78	79
Number of promotions during month	0	
Aggregate amount of annual leave taken,	102	
Aggregate amount of sick leave taken,	0	
Aggregate amount of leave without pay,	0	

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

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

	This Month	This Month Last Year
mber of employees beginning of month,	1[redacted]	1[redacted]
mber of additions, ...	[redacted]	[redacted]
Total, ...	1[redacted]	1[redacted]
mber of separations.	4[redacted]	[redacted]
mber of employees close of month,.	[redacted]	[redacted]

mber of promotions during month [redacted]

gregate amount of annual leave taken, 1[redacted]

gregate amount of sick leave taken, [redacted]

gregate amount of leave without pay, [redacted]

0-160

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

YELLOWSTONE National Park for the Month of SEPTEMBER, 1930.

	This Year	Last Year
ark revenue on hand beginning of month, ...	None	None
eceived, ...	30,661.03	22,875.11
Total, ...	30,661.03	22,875.11
emitted, ...	30,661.03	22,875.11
n hand close of month, ...	None	None

---

ark revenues received this year to date, ...	$ 151,966.19
ark revenues received last year to date, ...	165,997.21
~~Increase~~ Decrease	~~14,031.02~~
Per cent of ~~increase~~ decrease	8%

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

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

	This Year	Last Year
[redacted] revenue on hand beginning of month,	[redacted]	[redacted]
[redacted]eived,	[redacted]	[redacted]
[redacted]otal,	[redacted]	[redacted]
[redacted]itted,	[redacted]	[redacted]
[redacted]nd close of month,	[redacted]	[redacted]

[redacted] revenues received this year to date,	[redacted]
[redacted] revenues received last year to date	[redacted]
[redacted]	[redacted]
[redacted]er cent of [redacted]	[redacted]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

YELLOWSTONE National Park for the Month of SEPTEMBER, 1930.

	This Month	This Month Last Year	Increase	Percent Increase
TAL BUSINESS				
es of circuit maintained	528	528	0	0
of telephones connected	173	161	12	.074
of measured service calls				
of other local calls				
al No. of local calls	9491	12660	-3169	-.25
k load in calls per day	567	636	-69	-.10
ceipts from measured service calls				
ceipts from coin boxes				
ceipts from telephone rental				
TOTAL RECEIPTS				
G DISTANCE BUSINESS				
Outbound calls	84	145	-61	-.42
Inbound calls	186	130	56	43
TOTAL LONG DISTANCE CALLS				
k load in calls per day	21	25	-4	-.16
ceipts from Long Distance business				
EGRAPH BUSINESS				
ssages via Western Union				
ssages via				
TOTAL MESSAGES				
ceipts from telegraph business				
of money transfer messages				
of money transfer receipts				
AL RECEIPTS TELEPHONE & TELEGRAPH DEPT-				

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

National Park for the Month of

TELEPHONES SEPTEMBER, 1960.

	This Month	This Month Last Year	Increase	Percent Increase
BUSINESS				
of circuit maintained	629	629	0	0
f instruments connected	172	161	12	.07%
f measured service calls				
f other local calls				
No. of local calls	9491	12600	-3109	-.25
lls in calls per day	316	336	-20	-.06
pts from measured service calls				
pts from coin boxes				
pts from telephone rental				
TOTAL RECEIPTS				
DISTANCE BUSINESS				
outbound calls	84	145	-61	-.42
inbound calls	186	120	66	.55
TOTAL LONG DISTANCE CALLS				
local calls per day	21	25	-4	-.16
pts from long distance business				
TELEGRAPH BUSINESS				
ages via Western Union				
ages via				
TOTAL MESSAGES				
pts from telegraph business				
money transfer messages				
money transfer receipts				

RECEIPTS TELEPHONE & TELEGRAPH DEPT-

10-161

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

Sept. 1st to 25th, inc.

	Number	Value
GOVERNMENT PUBLICATIONS:		
On hand beginning of month,	607	$ 192.20
Received during month,	134	125.50
Total,	741	317.70
Sold during month,	590	269.05
On hand ~~at close of month~~ Sept. 25	151	48.65
NON-GOVERNMENT PUBLICATIONS:		
On hand beginning of month,	358	548.05
~~Received~~ Returned during month,	152	253.15
Total,	206	294.90
Sold during month,	97	169.60
On hand ~~at close of month~~ Sept. 25	109	125.30

Cash on hand beginning of month,	140.00
Sales during month,	438.65
Total,	578.65
Remitted during month,	540.55
Balance, - September 25, 1930	38.10

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

Sept. 1st to 30th, inc.

	Number	Value
GOVERNMENT PUBLICATIONS:		
On hand beginning of month	607	$ 1[illegible].50
Received during month	134	1[illegible].50
Total	741	31[illegible].00
Sold during month	590	29[illegible].05
On hand at close of month	151	[illegible].55
NON-GOVERNMENT PUBLICATIONS:		
On hand beginning of month	355	5[illegible].05
Received during month	155	2[illegible].15
Total	205	3[illegible].20
Sold during month	97	1[illegible].60
On hand at close of month	109	1[illegible].50
Cash on hand beginning of month		140.00
Sales during month		4[illegible].15
Total		5[illegible].15
Remitted during month		5[illegible].00
Balance - September 30, 1960		[illegible].15

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

YELLOWSTONE National Park for the Month of SEPTEMBER, 1930.

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
rrent generated, ...	78110.0	252982.0	78780.0	236360.0	16622.0	7%
ld to park operators, . . .	14051.8	56047.1	16445.3	60072.0	-4024.9	-6%
ld to others, ...						
rnished to other Governmental agencies, ...						
ed by National Park Service, lost in transit, etc., . . .	64058.2	196934.9	62334.7	176288.0	12597.1	
Total current generated, . .	~~78110.0~~	~~252982.0~~	~~78780.0~~	~~236360.0~~	~~16622.0~~	~~7%~~

ount receivable from the sale of electricity, ... $ 702.59

Indicated by K. W. H.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

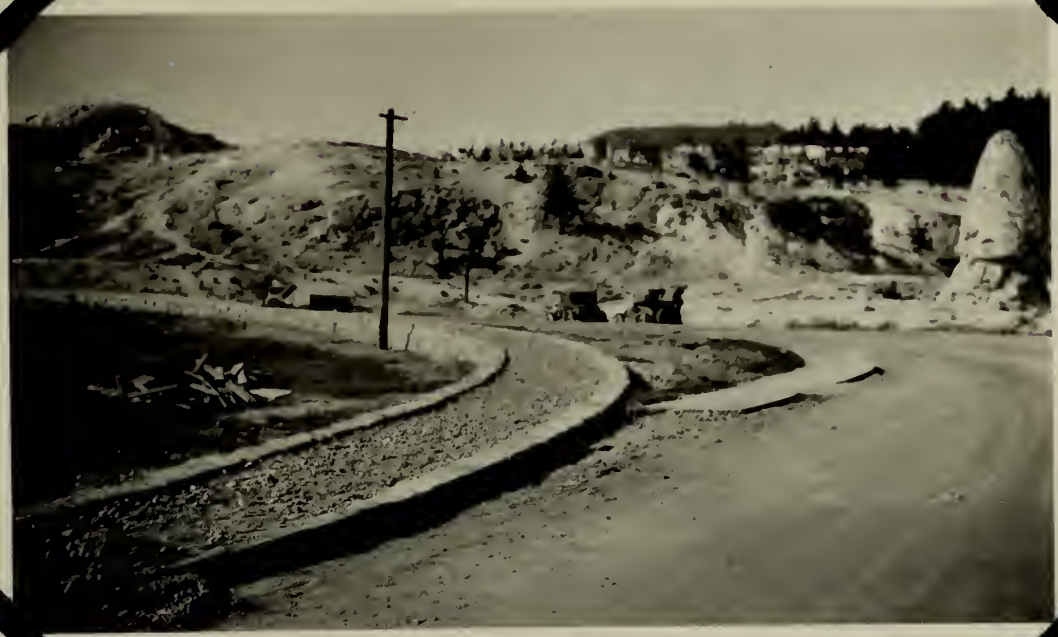
"ELECTRICITY GENERATED, SOLD, USED, ETC.

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

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Percent
[illegible] generated, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] to park operators, . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] to others, ...						
[illegible]duced to other Governmental [illegible]rcies, ...						
[illegible]by National Park Service, [illegible] in transit, etc., . . .	[illegible]					
[illegible] generated, . . .	[illegible]					

[illegible]y receivables from the sale of electricity, ... $ [illegible]

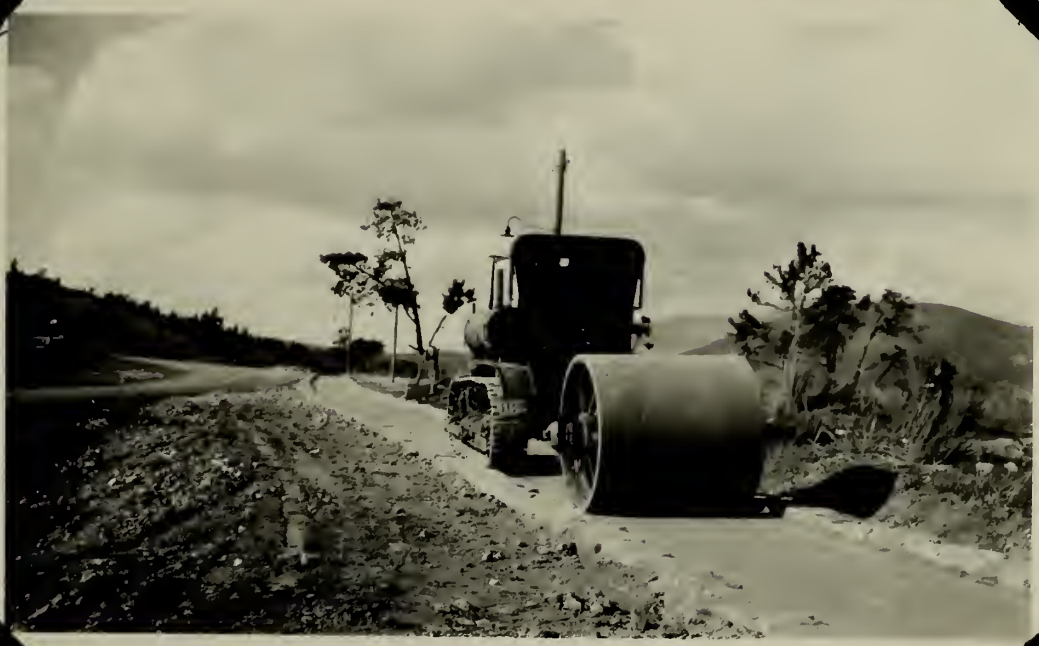
[illegible]icated by K. W. H.



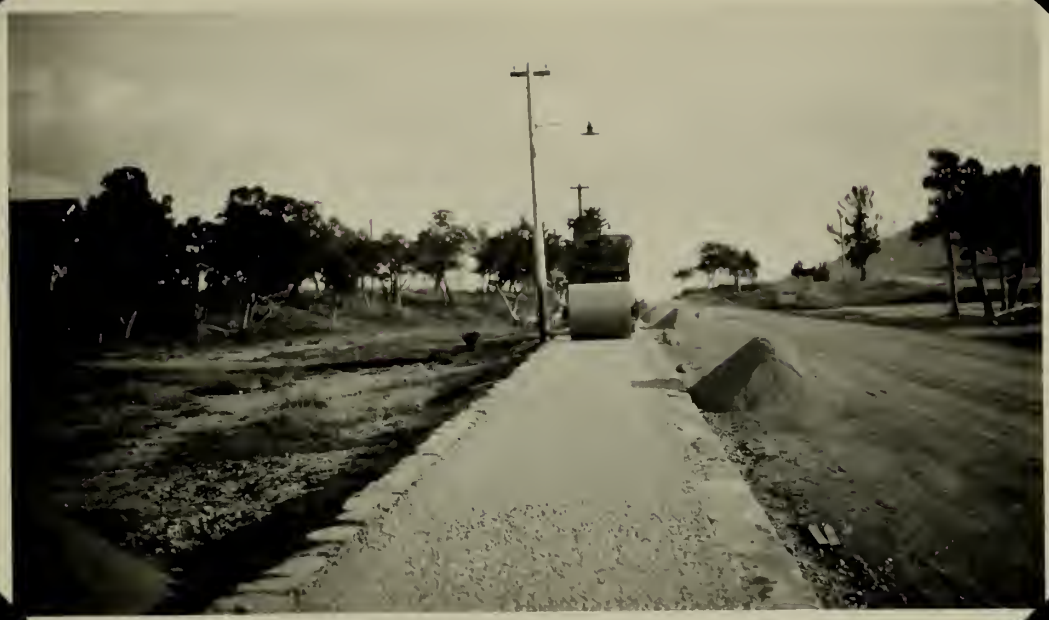
Project 502.26 - Sidewalk at Mammoth. Between Lodge & Hotel. Showing stone curb and unrolled subgrade. Note old sidewalk and improved intersection.

Project 502.26 - Sidewalk at Mammoth. Showing new stone wall.

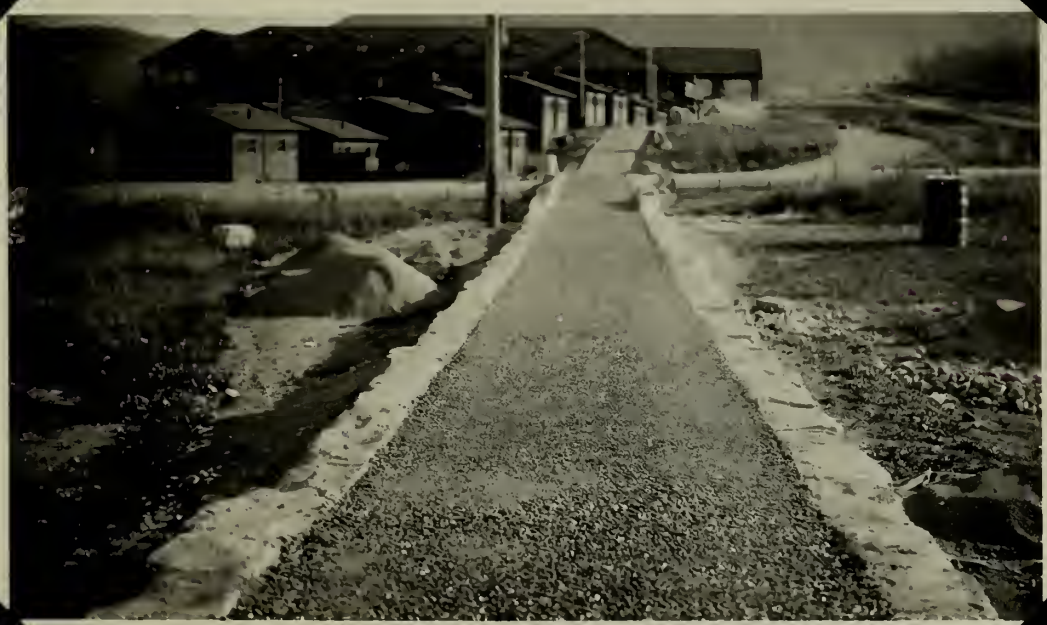
Project 502.26 Sidewalk at Mammoth. Sub-grade rolled, ready for gravel.



Project 502.26. Sidewalk at Mammoth. Showing improvised roller taken from old 10-ton gas roller.



Project 502.26 Sidewalk at Mammoth. Base course being rolled.

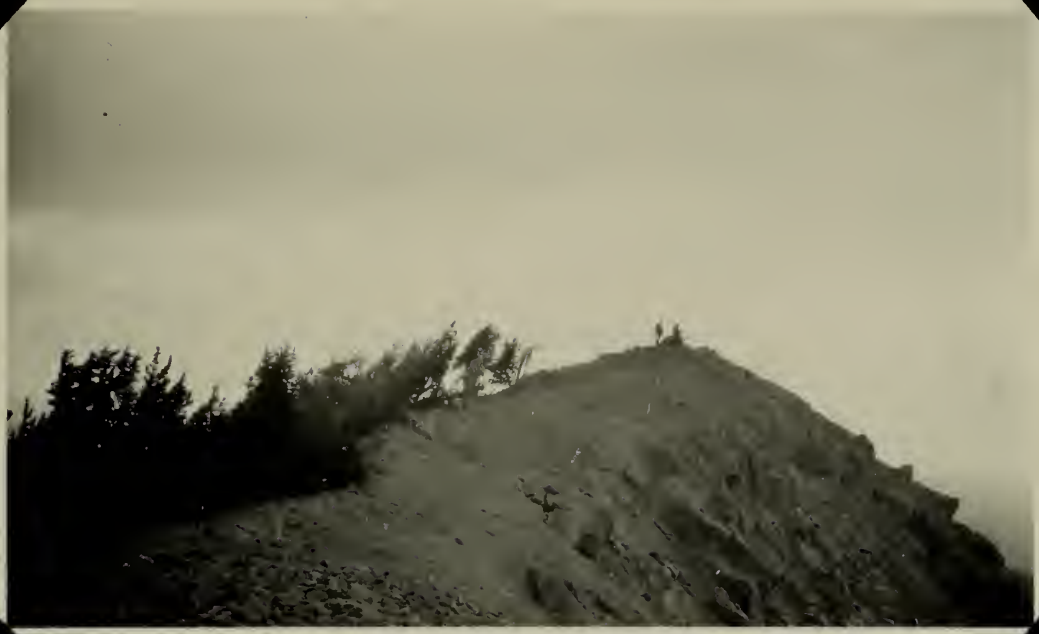


Project 502.26 Sidewalk at Mammoth. Base course sprayed with asphalt. Pictures of finished sidewalk will be shown in later report.

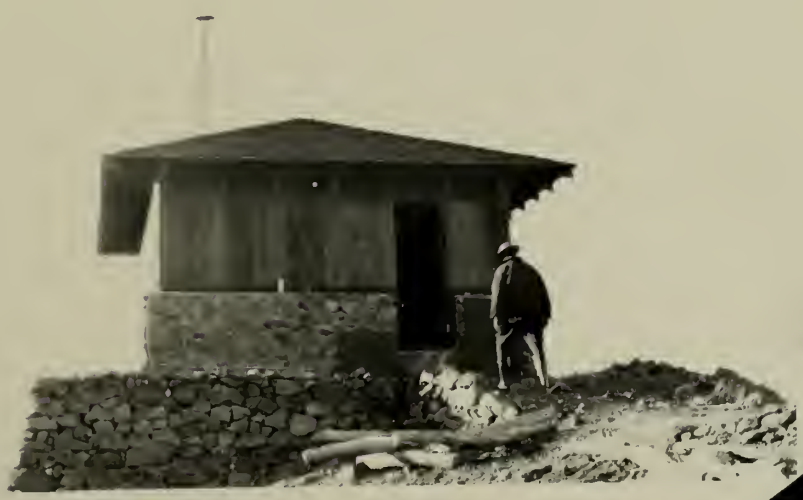
Project 423 - New Incinerator at Fishing Bridge. During construction about the middle of September. Putting up forms.

Project 423 - New Incinerator at Fishing Bridge. Putting up tower for water tank.

Project 421 - Comfort station at Norris. Shows completed structure except for gable window. Since completed.



Project 831 - Lookout at Mt. Sheridan. Showing location of lookout.



Project 831 - Lookout at Mt. Sheridan. Windows boarded up for winter.

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

September 22, 1930.

CIRCULAR NO. 11

During the winter months the plugs on the night switchboard will be as follows:

1. Buffalo Ranch (No. 11) -- Wright residence (No. 66)
2. Canyon (No. 14) -- Edwards residence (No. 95)
3. Gardiner Checking Station (No. 6)-Hundley residence (No. 73)
4. Gardiner Exchange (No. 7) -- Doctor's residence (No. 21)
5. Lake (No. 15) -- Joffe residence (No. 83)
6. Long Distance (No. 1) -- Yeager residence (No. 75)
7. Old Faithful (No. 4) -- Baggley residence (No. 37)
8. Power Plant (No. 34) -- Dale residence (No. 72)
9. Tower Falls (No. 9) -- Green residence (No. 77)
10. Silver Tip (No. 10) -- Trischman residence (No. 74)

The switchboard is open from 7:30 a.m. until 8:30 p.m.

Roger W. Toll
Superintendent.

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

September 20, 1930

CIRCULAR NO 130

Effective October 10, 1930, and until further notice, the Madison River and its tributaries in Yellowstone National Park will be closed to fishing.

All other waters in Yellowstone National Park will be closed to fishing effective October 20, 1930, until further notice, with the exception of the following waters, which will remain open to fishing until further notice:

Yellowstone River from where it leaves the Yellowstone National Park along the north boundary to the mouth of the Lamar River.

Heart Lake

Lewis Lake

Shoshone Lake

Roger W. Toll
Superintendent

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

September 15, 1930.

CIRCULAR NO. 9

Effective Saturday, September 20th, the winter schedule for telephone operators will go into effect, with shifts as follows:

	OPERATOR	FROM	TO	HOURS
1.	Mrs. Joffe or Mrs. Kocher	7.30 A.M.	12.00 Noon	4½
2.	Mrs. Allan	12.00 Noon	6.30 P.M.	6½
3.	Mrs. Joffe or Mrs. Kocher	6.30 P.M.	8.30 P.M.	2

It is understood that Mrs. Joffe and Mrs. Kocher will alternate days on the switchboard. As Mrs. Joffe will be away until the latter part of October, Mrs. B. A. Hundley will take her shifts until she returns.

Should there be any deviation from this schedule, Mr. Joffe should be so advised.

Beginning with the new schedule, September 20th, each operator will be responsible for long distance calls placed during her shift. If a call is placed, an effort should be made to immediately collect the amount thereof upon its completion. Permanent employees may be charged for their calls, but where a call is placed by a temporary employee collection should be made immediately.

Beginning September 20th, the operator responsible for the collection of bills will receive two-thirds of the commissions on calls placed while other operators are on duty and the operator responsible for placing the calls will receive one-third of the commissions. In the past, the operator responsible for the collection received the full commission, while the operator placing the call did not receive any part of it. Each operator should keep a record for herself of the calls which she places and the amounts thereof. Settlements for commissions will be made shortly after the 20th of each month when long distance commissions are payable. Mrs. Hundley will be responsible for the handling of long distance calls collections until further notice.

Roger W. Toll
Superintendent.

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

YELLOWSTONE PARK RANGER NATURALIST NEWS LETTER

Vol. III. No. 10 September 1, 1930

Mr. Dorr G. Yeager, Park Naturalist
Mr. Joseph Joffe, Asst. to Superintendent
Dr. E. N. Jones, Head Ranger Naturalist

- -

The "News Letter" appears weekly during the summer for the purpose of giving information concerning road conditions, special parties, special announcements, etc.

- -

ROAD CONDITIONS
Sept. 1, 1930

West Entrance (1) Via Gallatin Gateway to Bozeman, mostly good; about 12 miles rough.
(2) Via Ennis and Virginia City to Butte; West Yellowstone to Ennis, poor; Ennis to Butte, fair. (Much of road subject to weather).
(3) Via Monida to Dillon - Monida to Lima, fair to good; Lima to Dillon, fair; Dillon to Butte, fair.
(4) Via Old Oregon Trail to Portland -- all surfaced -- generally good; rough for about 10 miles south of West Yellowstone; rough gravel in Blue Mountains.
(5) Via Victory Highway west - generally good through Utah and Nevada; some rough gravel and oil. East - rough to Denver.
(6) Twin Falls to Wells, good to state line, fair to Wells - dirt and natural gravel.

South Entrance (1) Via Pinedale to Rock Springs, dirt road; good if doesn't rain. Construction Rock Springs to Wamsutter. #30 rough in Wyoming.
(2) Via Jackson and Victor over Teton Pass; pass good, from Victor to Sugar City rough. Some construction, graveling and oiling, but not on the Pass. (If rains, roads dry quickly.) Swan Valley road south of Victor, rough.
(3) Via Togwotee Pass to Lander or Riverton, thence on to Rawlins; or via Casper to Cheyenne, generally good (unless rains).
(4) Snake River to Moran and Jackson, mostly good.
(5) South Entrance to Lusk, Wyoming, is 14 miles farther than out the east entrance to Lusk. (See 3)

East Entrance (1) Via Cody, Greybull, Worland and the Bighorn Pass, generally good.
(2) Via Cody, and Powell to Billings, generally good; some rough stretches.
(3) Via Cody and Casper to Cheyenne and Denver, good.
(4) Road from Fishing Bridge to Sylvan Pass, closed from 6 P.M. to 6 A.M. Construction inside park.
(5) East Entrance to Casper is 14 miles nearer than South Entrance via Riverton.

North Entrance (1) Via Y-G Bee Line or Park-to-Park Highway to Glacier Park, thence on to Calgary, Banff and Lake Louise, generally good-few miles of construction near Niehart. Road around Glacier Park open.

(2) Via Yellowstone Trail #10 & 12, or via #10 improved roads good, dirt roads rough. Rough Reed Point to Columbus.

(3) Via Yellowstone Trail west, mostly good. Detour of 7 miles east of Saltese (rough and dusty). Oiling practically completed; paving one-half of road at time. Missoula to Sandpoint, rough.

(4) Via Roosevelt Hiway #2 - improved roads good, dirt roads good if doesn't rain.

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Dr. Livingston Farrand, President of Cornell University, entered the park at the north gate August 29th and is making the regular Gardiner-Gallatin tour.

- - - - - - - - - - -

Word has been received from J. D. Coffman, Fire Control Expert for the National Park Service, that on account of recent fires in Glacier he will have to remain there longer than anticipated, making his trip to the Yellowstone uncertain for the present.

- - - - - - - - - - -

Wallace W. Atwood, President of Clark University and a member of the Educational Advisory Board of the National Park Service, is expected to enter the Yellowstone about September 12th, coming here from the Teton National Park.

- - - - - - - - - - -

A Senate Special Committee on Wild Life Resources, composed of United States Senators Frederic C. Walcott of Connecticut, Harry B. Howes of Missouri and Key Pittman of Nevada, with their secretary Morris Legendre, will enter the park on September 15th and after spending two days touring the park will make a pack horse trip into the Upper Yellowstone country. Mr. John D. Pratt and Mr. Shoemaker are also expected to accompany the party. Director Albright will also be here to make the pack trip.

- - - - - - - - - - -

Permission has been granted the Yellowstone Park Lodge and Camps Company to close Roosevelt Lodge for the 1930 season after breakfast on September 5th. The closing dates for other operations will be included in the next issue of the News Letter.

- - - - - - - - - - -

Park Service people were saddened during the week at the news of the death of W. B. Lewis, Assistant Director of the National Park Service, in Washington on the night of August 28th. Mr. Lewis has been attached to the Washington Office since July 1, 1928, having direct charge of the land purchasing division. Death came after a prolonged illness. Mr. Lewis for 11 years was superintendent of Yosemite.

- - - - - - - - - - -

Travel report for week ending August 30, 1930

	1930		1929		1928	
	Cars	People	Cars	People	Cars	People
By private car	3370	10791	4212	13379	3781	11954
By rail		1211		1927		2369
Miscellaneous		10		9		16
TOTAL FOR WEEK	3370	12010	4212	15315	3781	14339
Previously reported	54,265	194694	58341	220152	48975	192570
TOTAL TO DATE	57,635	206704	62553	235467	52756	206909

Teton Travel Report to date includes 6104 cars with 18,898 people.

o. 1030—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

MONTHLY METEOROLOGICAL SUMMARY.

ion, Yellowstone Park, Wyo., *month,* September, 1930, *19* .

Temperature. (Degrees Fahrenheit.) Max.	Min.	Mean.	Precipitation. (In inches and hundredths.)	Character of day.	Per cent of Possible Sunshine
65	26	46	0	Pt.Cldy	100
74	35	54	0	Clear	100
77	41	59	T.	Pt.Cldy	86
73	42	58	0	Pt.Cldy	76
56	44	50	.37	Cloudy	0
63	41	52	T.	Cloudy	37
69	38	54	.30	Pt.Cldy	72
71	47	59	.17	Pt.Cldy	71
69	43	56	.18	Pt.Cldy	48
70	45	58	.07	Clear	90
58	44	51	0	Pt.Cldy	54
57	42	50	T.	Cloudy	32
62	39	50	.02	Pt.Cldy	46
63	42	52	0	Pt.Cldy	60
68	39	54	0	Clear	98
70	36	53	0	Clear	98
72	40	56	T.	Pt.Cldy	66
74	42	58	0	Pt.Cldy	90
59	35	47	0	Pt.Cldy	98
72	34	53	0	Pt.Cldy	80
75	36	56	0	Clear	99
56	44	50	.04	Cloudy	12
48	31	40	.10	Cloudy	23
49	28	38	0	Pt.Cldy	79
50	32	41	.10	Pt.Cldy	48
56	34	45	0	Pt.Cldy	52
63	34	48	0	Clear	99
66	33	50	0	Clear	87
65	39	52	0	Cloudy	35
55	36	46	.01	Cloudy	31
			Total.		
64.2	38.1	51.2	1.36		52

ATMOSPHERIC PRESSURE.

(Reduced to sea level; inches and hundredths.)

Mean 29.978; highest 30.36, date 2

lowest 29.38, date 23

TEMPERATURE.

Highest 77, date 3; lowest 26, date 1

Greatest daily range 39, date 21

Least daily range 12, date 5

MEAN FOR THIS MONTH IN—

1871		81		91	52	01	48	11	49	21	47
1872		82		92	55	02	51	12	43	22	55
1873		83		93	..	03	49	13	50	23	52
1874		84		94	54	04	52	14	50	24	50
1875		85		95	50	05	54	15	47	25	50
1876		86		96	49	06	53	16	49	26	44
1877		87	56	97	55	07	51	17	52	27	49
1878		88	59	98	52	08	52	18	51	28	51
1879		89	50	99	55	09	51	19	52	29	47
1880		90	53	00	50	10	50	20	50	30	51

Normal for this month 53.4

Absolute maximum for this month for 44 years 88

Absolute minimum for this month for 43 years Zero

Average daily excess (+) or deficiency (−) of this month as compared with the normal −2.2

Accumulated excess (+) or deficiency (−) since January 1 −71

Average daily excess (+) or deficiency (−) since January 1 −0.3

PRECIPITATION.

Total this month 1.36; snowfall 1.3

Greatest precipitation in 24 hours 0.47 date 7-8

Snow on the ground at end of month 0.0

TOTAL PRECIPITATION THIS MONTH IN—

1871		81		91	1.74	01	2.85	11	1.11	21	0.84
1872		82		92	1.60	02	0.90	12	1.09	22	0.10
1873		83		93	1.44	03	0.60	13	1.34	23	1.05
1874		84		94	0.71	04	0.73	14	1.95	24	1.67
1875		85		95	0.43	05	1.17	15	1.79	25	2.73
1876		86		96	1.10	06	0.62	16	0.71	26	1.53
1877		87		97	0.31	07	1.19	17	1.75	27	2.36
1878		88		98	0.90	08	0.74	18	2.11	28	0.03
1879		89	0.59	99	0.90	09	2.45	19	2.51	29	1.17
1880		90	0.19	00	0.87	10	0.78	20	1.44	30	1.36

Normal for this month 1.27

Excess (+) or deficiency (−) of this month as compared with the normal +0.09

Accumulated excess (+) or deficiency (−) since January 1 −2.18

MEAN RELATIVE HUMIDITY (Percentage).

6 a. m., 75.4; 12:23 p. m., 45.5; 6 p. m., 47.7

WIND.

Prevailing direction SW.; total movement 4,328 miles; average hourly velocity 6.0; maximum velocity (for five minutes) 30 miles per hour, from SW. on 11

WEATHER.

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

MISCELLANEOUS PHENOMENA (dates of).

Auroras 0; halos: solar 1,24, lunar none

Hail (lt.) 9; sleet none; fog (lt.) 8

Thunderstorms 6,7,9,17

*Frost: light ....; heavy ....; killing 1.

NOTE.—"T" indicates trace of precipitation.

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

st relative humidity observed, 26%, on 3d, at 12:23 p.m.

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Weather Bureau.

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