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

FILE NO.

MONTHLY REPORT

July, 1937

IMPORTANT

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ARNO B. CAMMERER,
Director.



DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

August 5, 1937

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

Dear Mr. Director:

The following is the report of activities in Yellowstone National Park during the month of July, 1937:

000 - General

The unprecedented travel for June which showed an increase in excess of 11 per cent over the same month last year continued throughout July and by the end of the month a total increase of 10.2 per cent was recorded by the five gateways, 270,263 persons having entered as against 245,448 to the same date last year. The earlier predictions of a half million visitors will hardly be reached with the present percentage of increase but it is now anticipated that the total travel will reach 475,000 visitors for the season.

The new northeast entrance showed the largest percentage of increase, 25.2 per cent, the south was second with an 18 per cent, the east third with 10.8 per cent, the west next with 8.5 per cent, while the north entrance was last with a decrease of 11.1 per cent. Twenty-five thousand four hundred seventy-six persons used the Red Lodge-Cooke entrance in getting to the park as against 20,357 to the end of July last year.

The travel for the month of July alone exceeded all previous Julys, 175,146 visitors and 47,655 cars being recorded, which compares with 160,874 visitors and 43,697 cars a year ago, a gain of 14,272 visitors or 8.9 per cent. A new weekly travel record was made during the week from July 19 to 25 inclusive when 41,664 visitors entered the park. This compares with the peak week of 1936, the week of July 19 to 25, when 37,234 visitors entered. While rail visitors showed a decrease for the month of July the total rail travel for the season showed an increase, 10,073 visitors as against 9,794 in 1936. The west entrance led in rail travel with 5,110, which included 4,443 brought to the park by the Union Pacific System, 664 by the Milwaukee and 3 by the Northern Pacific. The north entrance was next with 2,803 rail visitors, the east third with 1,727, while 400 persons came in by rail over the northeast entrance road from Red Lodge to Cooke, served for the first year by the Northern Pacific. Thirty-three rail visitors from Victor, Idaho came in by the south gate.

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

OFFICE OF THE SUPERINTENDENT

August 1, 1917

Mr. [Name],
National Park Service,
Washington, D. C.

Dear Mr. [Name]:

The following is the report of activities in Yellowstone National
Park during the month of July, 1917:

1917 - July

The month of July was one of the most successful in the history of
the park. The weather was generally clear and pleasant, and the
tourist season was in full swing. The number of visitors to the
park during the month was 12,500, an increase of 10% over the
same month of the previous year. The majority of the visitors
were from the West, but there was a noticeable increase in
visitors from the East and South. The Yellowstone Hotel, the
Moose Hotel, and the Lake Hotel were all well patronized, and
the Yellowstone Park Hotel was also doing well. The Yellowstone
Park Hotel is the largest hotel in the park, and it is well
equipped for the reception of tourists. The Yellowstone Park
Hotel is situated in the heart of the park, and it is a fine
example of modern architecture. The Yellowstone Park Hotel is
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West, and it is well patronized by tourists from all over the country.

July 4 showed a total registration of 12,447 which was slightly lower than the 13,104 record of last year. However, the two days of July 3 and 4 exceeded the same two days a year ago.

The unusual flow of park travel taxed the accommodations of the operators and the percentage of increase in business compared favorably with the increase in travel. Housekeeping cabin accommodations were at a premium nightly at each location and usually were occupied by five or six o'clock. Reservations were held only until 4:00 p.m. by the company. The lodges were all practically filled nightly while the hotels enjoyed a good patronage. Over the Fourth of July holidays all accommodations were used while many visitors had to sleep in their cars or under the trees. The general stores, picture shops, swimming pools and cafeterias all enjoyed a thriving business. The new grill at Mammoth was well patronized and offers a service which should be duplicated at other points in the park.

Work continued throughout the month on the cabin group in the rear of the Mammoth Hotel. None of the cabins were available for occupancy but the entire operation should be in readiness for the 1938 season. The new layout should aid in again popularizing the Mammoth region. The lounge room was completed during the month and opened to the public. A large wooden map of the United States designed by Robert R. Reamer, architect for the Old Faithful, Canyon and Mammoth hotels, forms the west wall of the lounge room and is proving a real attraction. It is constructed of fifteen types of wood from nine different countries, is 17 feet wide and 10 feet high and contains 2,544 pieces of wood which had to be joined in the construction process. Because of the variety of colors of wood each state is easily distinguishable. All national parks are clearly indicated.

The first change in gasoline price for the season became effective on July 6 when the price of gasoline in the park other than at Mammoth and Old Faithful was increased from 26 cents per gallon to 27 cents per gallon. The price of oil remained unchanged.

Due to the failure of the Interior Department appropriation bill to pass Congress by the end of the month it was necessary to curtail all projects and the amount available for expenditure was insufficient to meet more than the regular payroll. The unavailability of funds handicapped operations during the month which is the busiest month during the year.

Two serious accidents occurred during the month both happening on July 7. Wilfred Karls of Moulton, Montana, lost his life through drowning in the Old Faithful swimming pool on the evening of the seventh while Albert H. Curtin of Grand Island, Nebraska, an employee of the Norris Construction Company was killed when the truck turned over near Mud Geyser about 10:00 p.m.

A severe windstorm similar to the one on July 7, 1936 occurred on July 23 resulted in considerable damage in the Fishing Bridge area. Two children, Jimmy Lee Harding and Doll Harding of Eden, Idaho, were injured and rushed to the hospital at Mammoth. Both received head injuries but



Severe windstorm about 5 o'clock July 23 at Fishing Bridge and Lake which resulted in injury to two persons and did considerable damage to one auto, one trailer and about seventeen cabins. Between 150 and 200 trees were blown down. A similar windstorm occurred in the same area on July 7, 1936.





Damage done by windstorm at Fishing Bridge on 7/23/37.



recovered sufficiently to be removed to their home within a few days. One auto, one trailer and some 17 cabins were badly damaged while between 150 to 200 trees were uprooted or blown down.

On the evening of July 15 several employees of the Old Faithful cafeteria threatened a strike. Superintendent Rogers, who happened to be at Old Faithful, listened to their case and explained their rights and the rights of the operators. After a general discussion the men returned to their work and nothing further was heard from their action.

020 - General Weather Conditions

A summary of the weather conditions in the park, as recorded by the United States Weather Bureau at Mammoth, will be found attached to the back of this report.

021 - In the Park

Weather conditions over the entire park have been comparable to those recorded at the official Weather Bureau station at Mammoth. Precipitation has been somewhat above normal and temperatures have been somewhat below normal. Local showers have occurred over the entire park almost daily accompanied by severe lightning and thunder storms.

A severe wind storm, with the maximum wind velocity recorded as 40 miles per hour, was recorded at Yellowstone Lake on the evening of July 23. This storm did considerable damage in the utility area at this point. There were several cabins, tents, cars, and trailer houses damaged. Two children were severely but not critically injured. About 150 trees were blown down in the Fishing Bridge area. Other than this one local storm which seemed to reach its greatest intensity in the Lake development area there has been less strong wind recorded this month than under normal conditions.

022 - Approaches to the Park

All of the approach roads to the park have been kept open to travel during the entire month and their condition has not been materially affected by weather conditions. A washout in the Wind River Canyon occurred early in the month which blocked traffic from Shoshone to Thermopolis, Wyoming for a period of two days. Reports were also received of a washout on the road from Dubois to Shoshone, Wyoming which made it necessary to route traffic around Togwotee Pass for a few days.

023 - In Nearby States

Weather conditions in the surrounding states have been comparable to those recorded for Yellowstone Park, with the exception of variations in temperatures and precipitation influenced by altitude variations.

recovered sufficiently to be removed to their beds about a few days.
The case, one of the most IV cases ever reported with a recovery
120 to 100 years ago on the 15th day.

On the evening of July 15 several specimens of the bird
collected between a certain geographical area, the distance to
be of the bird, located in that case and described in this report
the rights of the bird. After a general description of the bird
to their own and other birds was made from their own.

III - General weather conditions

A summary of the weather conditions in the area, as reported by the
United States Weather Bureau at Chicago, will be found in the
back of this report.

IV - In the lake

The first conditions over the entire lake have been comparable to
those recorded at the official weather station at Chicago. The
direction has been somewhat above normal and temperatures have been
normal below normal. Local storms have occurred over the entire lake
almost all accompanied by severe lightning and thunder storms.

A severe wind storm, with the center and velocity recorded as 40
knots per hour, was recorded at Chicago on the evening of July
28. This storm did considerable damage in the vicinity of the lake.
There were several cases of roofs, trees, and other objects blown
children were severely but not critically injured. Many trees were
blown down in the vicinity of the lake. Other trees in the lake
which seemed to reach the greatest intensity in the lake development
there has been less severe than recorded elsewhere and more severe
conditions.

V - Unusual weather

All of the specimens made to the lake have been found to be
during the entire period and their condition has not been seriously
affected by weather conditions. A report in the lake area was
early in the month which stated that the lake was in a
freezing for a period of the day. Reports were also received of a storm
on the road from Chicago to Chicago, which was also reported to
route traffic around Chicago for a few days.

VI - In the city

Weather conditions in the immediate vicinity have been similar to
those recorded for Chicago, with the exception of conditions in
the area and conditions in the lake.

100 - Administration

110 - Status of Work

Superintendent Rogers spent the entire month at headquarters and in the interior of the park making trips outside the park only to Grand Teton and the Flying D Ranch on the Gallatin road. Practically all work was kept current but some overtime was necessary due mainly to our inability to fill immediately the vacancy in the position of assistant clerk-stenographer, ECW, occasioned by the resignation and departure of Charlotte Ines on July 8. By the end of the month the park had not received a list of eligibles from which selection could be made to fill the vacancy.

120 - Inspections by:

121 - Superintendent

Superintendent Rogers spent most of the month at park headquarters at Mammoth and made trips into the park and outside as follows:

July 1 - Old Faithful and return with Kenneth Disher.

July 3 - To Lake and return.

July 6 - To Old Faithful and return.

July 7 - To Canyon in evening and return to Mammoth.

July 9 - To Tower Falls to confer with Forest Service officials; returned Mammoth for night.

July 10 - To Grand Teton with James A. Foote; returned Mammoth for night.

July 11 - To Old Faithful with Judge Murdock of the Board of Tax Appeals; returned Mammoth for night.

July 12 - To Old Faithful and return.

July 13 - With Dr. Bauer to Norris and return.

July 15 - To Old Faithful and return with Whitney Seymour.

July 16 - To east gate with Messrs. Capes, Hill, LaNoue and Lord on road matters; returned Mammoth for night.

July 18 - To Old Faithful, Canyon and return to Mammoth.

July 19 - To West Yellowstone and return.

July 22 - To Canyon and Lake and return to Mammoth.

July 24 - To Tower Falls and return.

July 25 - To Tower Falls and return.

July 27 - To Mud Geyser and return with Messrs. Bauer, Haynes and W. H. Jackson.

July 29 - To Flying D Ranch on West Callatin road; returned Mammoth for night.

122 - Special Field Representatives of the National Park Service

Frank W. Childs, Regional Forester, CCC, Omaha, in south July 14; out south 15th.

Harry Dunham, CCC Inspector, Cheyenne, Wyoming, in south July 14; out south July 15.

W. H. Wertman, Chief of Field Audit Division, and Auditor R. D. Britton, CCC, Denver, Colorado, in east July 18; out south 20th.

W. C. Hilgedick, Associate Communications Engineer, San Francisco, in north July 19, out east July 21; returned July 31.

J. Volney Lewis, Regional Geologist, National Park Service, CCC, San Francisco, in north July 24, remained balance month.

123 - National Park Service Officials

William Haussmann, Associate Architect, National Park Service, Washington, D. C., in north July 20; out north 22.

Mrs. Dorothea Lewis, National Park Service, Washington, in south July 25.

Earl A. Trager, Chief Naturalist, Washington, D. C., in north July 24 for remainder of month.

George A. Grant, National Park Service Photographer, Washington, D. C., in south July 25, out south July 26.

124 - Other Interior Department Officers

Dr. H. E. Scholes, Physician, Office of Indian Affairs, Pine Ridge, South Dakota, in south July 5.

Andrew T. Kelly, Division of Motion Pictures, Department of Interior, Washington, D. C., in south July 25 for remainder of month.

125 - Other Governmental Officers

Judge J. Edgar Murdock, U. S. Board of Tax Appeals, Washington, D. C., in east July 9; out west July 12.

July 22 - To Townsville and return.

July 27 - To the depot and return via Cairns, Mackay, and Townsville.
E. H. Jackson.

July 28 - To Cairns and return via Mackay, Townsville, and Mackay.
For night.

120 - Special Field Operations of the Medical and Veterinary Services

July 28 - To Cairns, Mackay, and Townsville.
out north 1870.

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out north 1870.

121 - National Park Service Officials

William Cunningham, Associate Director, National Park Service,
Washington, D. C., in north July 20; out north 22.

July 20.

July 20.

July 20.

122 - Other Governmental Officials

July 20.

July 20.

123 - Other Governmental Officials

July 20.

Judge C. Rogers Arundell, member Board of Tax Appeals, Washington, D. C., in north July 19; out east July 22.

Charles H. Taylor, Assistant Director, CCC, Washington, D. C., in west July 22; out northeast July 23.

Major Walter H. Root, U. S. Army, Commanding Officer, CCC, Missoula, in west July 22 with Charles H. Taylor; out northeast July 23.

Lt. I. V. Rendle, U. S. Army, March Field, California, in west with three pilots and one mechanic flying army planes to West Yellowstone; out west July 31.

140 - Labor Situation

Due to the fact that the Interior Department appropriation bill had not passed by the end of the month and as no funds were available for additional road projects in the park very few men were placed at work during the month. Work continued on the Mammoth Hotel layout which provided employment for a number of skilled artisans while the Post Office job offered employment for a few. The going contract jobs also were responsible for a number of men being employed but the non-appropriation of funds for new road projects will seriously affect the labor situation in the surrounding communities for the present fiscal year. The volume of work of the National Reemployment Office was considerably decreased due to there being few requests for men.

150 - Equipment and Supplies

There were three carloads of coal, six carloads of gasoline, fifteen carloads of road oil, two carloads each of lumber and cement, and one carload each of oats, cedar posts, snow fence, fir tanks, boat and shingles in addition to other large shipments of signs, pipe fittings, telephone line supplies, nails, refrigerators, kerosene, roofing and building paper, sheet iron, telephone wire, etc. weighing 63,134 lbs.

160 - Status of Alienated Lands

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

170 - Plans, Maps and Surveys

Engineering activities followed practically the same general routine as for last month with E.C.W. personnel supervising active construction projects and the park engineering staff gathering data for proposed developments, principally the Mammoth campground and a central water supply system for the Lake and Fishing Bridge areas.

180 - Circulars, Placards, Publicity Bulletins, Etc.

Circulars Nos. 27 and 28 were issued during the month and copies are attached.

140 - Labor Situation

Due to the fact that the Interior Department appropriation bill has not passed by the end of the month and as no funds were available for additional road projects in the west for the current year, the work on the road projects in the west is being held up. The work on the road projects in the west is being held up. The work on the road projects in the west is being held up.

140 - Labor Situation

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130 - Employment and Migration

There were three groups of men, the majority of whom were employed in the construction industry, who were employed in the construction industry. The work on the road projects in the west is being held up. The work on the road projects in the west is being held up.

120 - Status of Highway Funds

There was no change in the status of highway funds during the month.

110 - Plans, Laws and Reports

Regarding activities in the field, the work on the road projects in the west is being held up. The work on the road projects in the west is being held up. The work on the road projects in the west is being held up.

100 - General Information

Of course, the work on the road projects in the west is being held up. The work on the road projects in the west is being held up. The work on the road projects in the west is being held up.

A number of news stories were prepared by the park publicity director, Sigfried Mickelson, and sent out to the park's mailing list. Several spot stories were furnished the Associated and United Press. A number of pictures were obtained by the photographic publicity man Melvin Ruder and distributed through various agencies using pictures.

200 - Maintenance, Improvements and New Construction

210 - Road Maintenance

Road maintenance presented no special features for the month, although constant rains caused many minor slides and washouts. Limited oiling operations were carried on by the various section crews and the regularly organized oiling crew worked on the Tower Junction-Cooke section throughout the month. The mobile maintenance crew completed a major repair to the concrete rail of the Chittenden Bridge. Work on the South and East entrance approach road sections consisted of routine surface maintenance.

220 - Improvements

Shops - The usual maintenance and operation of equipment has gone forward.

Electrical Department - In addition to the usual maintenance and repair work during the month, new kerosene Electrolux refrigerators were installed and placed in operation in five of the messhouses, a used 10 KW transformer was installed at the Mammoth CCC camp to replace a 5 KW transformer which was of too small a capacity to take care of the load, and adjustments were made by Mr. George Johnson, Allis-Chalmers Engineer from Milwaukee on the voltage regulators in the power plant.

Due to the severe lightning and wind storms during the month around the regions of Yellowstone Lake and Cooke City, there was considerable heavy repair work necessary. All telephones at the checking stations were renewed where necessary, making it possible for visitors to use the station phones without entering the station where the gate receipts are in reach of unscrupulous visitors.

Carpenter Shop - In addition to the usual repairs and small jobs during the month, the building of the checking station at the North Entrance was begun and a water tank of bridge plank was built for the Fishing Bridge water system.

Plumbing Department - Besides the usual maintenance and operation carried on during the month, there were 2,000 feet of 6-inch water pipe installed across Fishing Bridge and plumbing fixtures were installed in the new North Entrance checking station.

Paint Shop - Besides minor repairs and odd jobs during the month, the North Entrance checking station was stained, all new signs for 1937 were placed and work was continued on the two storehouse buildings and the Canyon ranger station.

230 - New Construction

The following construction projects were active during the month:

F.P. 692 - Old Faithful Sewer System Extension - This project was completed and placed in operation during the month, installation of the chlorine machine and general cleanup being the only work items necessary.

F.P. 584 - Old Faithful Water System - Construction of the chlorine house and installation of the chlorine and ammoniator machines was completed about the middle of the month and the system placed in operation about the middle of the month. Staining of the chlorine house and a general cleanup at the settling reservoir remains to be done during the coming month.

Contract Construction

New Post Office Building - Very satisfactory progress is being made on this project with the building practically roofed in and inside partitions in place.

Yellowstone Park Company Improvements - Work on the dining hall and hotel lounge has been completed as well as nearly all excavation for the recreation building. Approximately twenty buildings in the cabin area are under way, being in various stages of completion from foundation work to interior finishing.

Major Road Construction

Various contracts under way during the month included grading operations between Isa Lake and West Thumb on the Old Faithful section, the Firehole River Bridge at Old Faithful, parking areas in the Old Faithful area, the Fishing Bridge at Lake Junction, and two bridges across the Gibbon River between Norris and Madison. The Fishing Bridge and Gibbon River bridges are progressing much slower than could be desired but all other work is making exceptionally fine progress.

300 - Activities of Other Agencies in the Park

310 - Public Service Contractors

All operations in the park, including the Lake and Mammoth hotels, were open and were reporting excellent patronage. A number of minor complaints were received against some of the operators and these were immediately called to their attention and conditions remedied. Copies of all complaints received were furnished the Washington office.

400 - Flora, Fauna and Natural Phenomena

410 - Ranger, Naturalist and Guide Service

The regular activities of the Protection Department during this month

consisted of public contact work, enforcement of regulations, highway patrols, issuing of permits at entrance stations, and numerous other general duties. The entire time of four rangers has been devoted to highway patrol work. The fact that the highway patrol system in force this season has been successful is evidenced by the decrease in serious automobile accidents and in the greater degree of success attained in regulating camping along the roadsides and the driving of vehicles in the various areas where travel is not allowed.

A considerable amount of time has been devoted to trail maintenance work and reconstruction of various trails which were in a dangerous and unserviceable condition.

Practically the entire time of one man has been devoted to fish culture problems and in cooperation with the Bureau of Fisheries in securing fish eggs and in planting fry in the various waters in the park.

Rangers stationed in the interior of the park have spent a great deal of time in investigating bear injuries and damages and in controlling undesirable bears which have become a menace to park visitors.

This year is the first time regular patrols have been made to the various areas along the shores of Yellowstone Lake. This has been accomplished by the use of a boat which was transferred to the park service last year but which was not put into service until this season. Greater efficiency has been attained in the regulation of camping along the lake shore and in the enforcement of fishing regulations.

The unusually heavy travel throughout the park has placed an extremely heavy burden upon the Protection Department. It has not been possible to enforce regulations as completely as is desirable due to a lack of Protection Department personnel. Numerous reports are received of violations, accidents and incidents of special nature which are not investigated because all the men concerned are too busy on other work.

420 - Museum Service

The regular lectures in the park at the campfires were continued throughout the month. Plans were discussed with Architect Haussman from the Washington Office for a Headquarters Museum at Mammoth Hot Springs. The principal item of concern was the housing of the art collection which the Yellowstone museums now have and are very likely to get if they can be properly housed. There were 364 field trips, 155 auto caravans, 26 special parties and 62 game stalks made by the Naturalist Department during the month. There was also given by the Naturalist Department 195 campfire lectures, 31 bear lectures and 673 museum talks during the month.

450 - Animal Disease Control

Efforts to control rodents in the auto camps and in the various utility areas were continued during this month. The greater part of this

constituted of public health work, enforcement of regulations, hygiene
control, issuing of permits at various points, and other work
connected with the health of the community. The work of the
sanitary department is to maintain the health of the community
and to prevent the spread of disease. This work is done
by the sanitary department in various ways, such as by
inspecting food and water, and by the disinfection of
various places where disease is not allowed.

A considerable amount of work has been done in the
past and a considerable amount of work is being done
at present.

Sanitary work is done in the various parts of the
community and in cooperation with the various
departments of the city.

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This year in the first five months of the year
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This work is done in various ways, such as by
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of various places where disease is not allowed.

The sanitary department has done a great deal of
work in the past year. The work of the
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work was carried on in the Mammoth Hot Springs campground. Inasmuch as most of the rodents have now gone back into hibernation this work will be discontinued for the remainder of the season.

460 - Birds

A trumpeter swan census was taken July 14 to 22 and 38 adults and 26 cygnets were observed on the waters of Yellowstone Park. The number of adult swans counted this year was the same as that recorded in last year's census. However, 14 additional cygnets were seen and reported. Numerous waterfowl have been observed on all of the waters in the park and there have been no particular changes in conditions influencing bird life.

470 - Animals

It has been observed during this month that park visitors have had the advantage of a better wildlife show over the entire park than at any time during the past two or three years. Antelope, deer, elk, moose and bear have been observed regularly in many sections of the park. The buffalo which have been placed in the show pasture on Antelope Creek have been a spectacular attraction to a large number of motorists. Observations made during the month indicate that all game animals are in excellent condition with an abundance of food available. It has been reported that there is an especially good calf crop in the elk herds. This appears to hold true with all game animals, inasmuch as all rangers report good reproduction of deer, antelope, moose and buffalo.

Bears (Grizzly)

Two grizzly bears were shipped during the month, one, a male, to Tacoma, Washington, and the other, a female, to Pittsburg, Pa.

In several instances it has been reported that grizzly bears have been observed at night in the auto camps at West Thumb, Fishing Bridge and Lake. Efforts have been made to trap these animals and remove them without success. Inasmuch as grizzlies present a decided hazard in the auto camps it has been decided to kill the offending animals.

The Canyon bear feeding ground continues to be one of the outstanding attractions in the park. A vast number of park visitors drive to the area each evening to watch the 20 to 60 grizzlies which come to the feeding ground. As many as 500 cars have been handled at the parking area at this point in one evening.

Bears (Black)

Bear injuries which occurred this month amounted to 33 as compared with 8 which were reported in July of last year. Bear damages this year totaled 30 as compared with 12 reported in July, 1936. Total injuries to date amount to 41 for the season and the total damages amount to 36. It has been necessary to kill 19 undesirable black bears. All of these animals were bears which were known to be causing considerable damage in

with the critical in the summer. The birds are generally...
most of the birds have not been seen since the...
be distinguished for the rest of the season.

400 - 1111

It has been observed during the past few days...
20 species were observed on the banks of...
of which several were seen in the...
Yew's... However, it is...
American... have been...
and there have been no...
and life.

400 - 1112

It has been observed during the past few days...
the advantage of a...
time during the past two...
and there have been...
buffs which have been...
have been a...
specimens made during...
excellent condition with...
ported that there is...
appears to hold...
best root... of... and...

(1111)

Two... have been...
... and the...
in... it has been...
been observed at night...
and... it has been...
without... it has been...

The... ground...
attention in the...
also... to...
in... it has been...
at this point in the...

(1112)

That... which...
with 8... reported in...
totalled 30...
to late... for the...
It has been...
animals were... to be...

the auto camps and in the utility areas. Efforts were first made to trap the offending animals and haul them out to release them in isolated sections of the park. However, they soon returned to the point where they were trapped and continued with their damages. As an extreme measure they were killed.

Buffalo

An effort was made to secure a census of the buffalo herd in Yellowstone during this month. It was necessary to attempt to count these animals on the summer range, which was not entirely successful. A total of 470 adult animals was reported and 74 calves were observed. The areas where buffalo were released last year after transferring them from the Lamar Valley were covered in this survey. The Hayden Valley plant appears to be very successful as 34 adults and 7 calves were counted in that area. It appears that the plant which was made on Fountain Flats has not been entirely successful as no buffalo were observed in this area.

480 - Phenomena

Mammoth Hot Springs Area

Angel Spring - continues active from five vents with the majority of flow from the vents to the north and east.

Baby Spring - was active throughout the entire month with the flow at the end of July to the south and west.

Blue Spring - continues much the same as reported in June and has not resumed its former activity.

Cleopatra Spring - has nearly doubled in the amount of flow and the area covered since the end of June.

Cupid Spring - About the same as in June with more flow from vents at the top of the terrace.

Hymen Spring - continues inactive.

Jupiter Terrace - continues with a fair display of color over the face of part of the terrace with new activity further to the north.

Main Spring - has resumed activity along several vents in the fissure at the top and water is now flowing to the east and south.

Minerva Spring - became active about July 10 and has fluctuated in amount of flow throughout the remainder of the month with but small evidence of activity at present.

Mound Spring - This is undoubtedly the most beautifully colored spring at the present time, with an increasing flow to the east and south east.

the... they were killed.

Activity

...has not been entirely successful...

400 - 4000

Activity for 1940

...of the...

...at the end of...

...not returned...

...was covered...

...at the end of...

Activity for 1941

...of part of the...

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...has been...

...has been...

Naiad and Opal Springs - continue much as in June evidencing a strong flow of water.

Orange Spring Mound - is now fairly active with a flow about equal to mid-winter but discharging chiefly to the west.

Palette Spring - has continued throughout the month with the majority of water flowing to the east of the Devils Thumb but in the last ten days water is also flowing to the west of the Thumb.

Summit Basin Spring - still has a variable amount of water but has not re-established itself since the new spring between Summit Basin and Mount became active as reported for May. This new spring on the main terrace has increased in size and flow and is beautifully colored. The water that was being discharged into a small sump has caused a cavein of this sump and a considerable sized hole is now receiving the water from the spring.

New Spring - continues active but is not discharging as much water as reported for mid-April.

Norris Geyser Basin

Ledge Geyser - began erupting at 11:50 a.m. on July 2, playing from two vents. Water was thrown from the old vent to a height of 30 feet and for a horizontal distance of nearly 100 feet for about five hours. Steam gradually took the place of most of the water, but on July 31 water was still being thrown to a height of 15 feet. From the eastern vent muddy water was thrown to a height of 50 or 60 feet for about five hours. Several small rocks, the largest having a diameter of 2 inches, were thrown from this vent. The height of the eruption and the volume of steam and water have slowly decreased, but on July 31 water was still being thrown to a height of 10 or 15 feet.

Valentine Geyser - has been very irregular since the Ledge Geyser began its eruption on July 2. Since there had been no rain for several days before Valentine became irregular, and since the irregularity began when the Ledge eruption started, the conclusion is that Ledge has been the cause of Valentine's irregularity. Nine eruptions of Valentine have been observed during July, at intervals of from two to four days.

Constant Geyser - has not played during July; at least, not during daylight hours.

Whirligig Geyser - plays every two to three hours for periods of 12 to 25 minutes. This geyser makes a chugging sound that can be heard at the Museum.

Little Whirligig Geyser - plays almost constantly to a maximum height of 20 feet.

Jim Bridger Geyser - is located about 100 feet south of the old Fan Geyser. This geyser plays to a maximum height of 20 feet at intervals

Water level - The water level in the lake was 10 feet above normal on July 1st.

Water level - The water level in the lake was 10 feet above normal on July 2nd.

Water level - The water level in the lake was 10 feet above normal on July 3rd.

Water level - The water level in the lake was 10 feet above normal on July 4th.

Water level - The water level in the lake was 10 feet above normal on July 5th.

Water level

Water level - The water level in the lake was 10 feet above normal on July 6th.

Water level - The water level in the lake was 10 feet above normal on July 7th.

Water level - The water level in the lake was 10 feet above normal on July 8th.

Water level - The water level in the lake was 10 feet above normal on July 9th.

Water level - The water level in the lake was 10 feet above normal on July 10th.

Water level - The water level in the lake was 10 feet above normal on July 11th.

of 8 to 12 hours. The eruptions usually last for two or three hours.

Ebony Geyser - plays regularly at average intervals of three hours and ten minutes. The eruption usually lasts four to five minutes and the maximum height is 45 to 55 feet.

Vixen Geyser - plays to a maximum height of 20 feet every five to ten minutes. Some eruptions are much higher than others.

Minute Geyser - has active periods lasting about an hour. During this time it plays to a maximum height of 35 or 40 feet every one to three minutes. Following this period of activity, Minute is quiet for about six hours.

Steamboat Geyser - erupts every two or three minutes. It sometimes plays to a height of 25 feet but usually not more than ten feet.

Onyx Spring - The water disappeared from Onyx on July 20, and since that time it has been a very active steam vent.

Upper Geyser Basin

Artemesia Geyser - has been noted in play several times during the month and again the great volume of water ejected during play has been noticed. It was observed once in eruption for 17 minutes.

Beehive Geyser - has not been observed in eruption since last September.

Cliff Geyser - has not been observed in eruption this month.

Castle Geyser - plays in the characteristic manner, usually once daily.

Daisy Geyser - Apparently Daisy Geyser is establishing a regular interval again after its harrowing experiences after the play of Splendid last month. There is an interesting observation which has been made by one of the ranger-naturalists which indicates that there still is some connection between Daisy and Bonita Pool. It has been noted that when Bonita Pool is overflowing, the irregularity of the Daisy is more pronounced. Recently Daisy has been playing on about a two-hour interval.

Giantess Geyser - We are still awaiting an eruption from the mighty Giantess.

Giant Geyser - Eruptions of Giant Geyser during the month of July were as follows:

July 10	-	4:00 p.m.	July 27	-	1:00 p.m.
July 17	-	9:20 p.m.			

The Giant is certainly doing itself proud with its mighty displays. The average duration of play has been about an hour and a half.

of 8 to 12 hours. The maximum height of the wave is about 100 feet.

Booby Bay - The maximum height of the wave is about 100 feet and ten minutes. The maximum height of the wave is about 100 feet.

Wine Bay - The maximum height of the wave is about 100 feet and ten minutes. The maximum height of the wave is about 100 feet.

Wine Bay - The maximum height of the wave is about 100 feet and ten minutes. The maximum height of the wave is about 100 feet.

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July 10 - 4:00 PM - 1:00 PM
July 11 - 2:00 PM - 1:00 PM

The first is certainly being done and the second is being done.

Grand Geyser - So far this season Grand has been erupting generally on an interval of from 20 to 30 hours. Fortunately during the month of July most of the eruptions have occurred during the day.

Green Spring - this year has been observed in frequent eruptions. The eruptions are irregular to a height of from 12 to 15 feet. From observations the following is gleaned: "It appears as though a new opening had developed in the west side of the pool and that black sand has been thrown out of the tube, and deposited on the shelf above. A great deal more water is now coming out through the vent than in the past. As a new area is being flooded during the time of eruption, indications are that a great volume of water is thrown out at each eruption."

Handkerchief Pool - is still inactive.

Jewel Geyser - plays very regularly about every 5 to 7 minutes.

Lone Star Geyser - plays about every three hours. It has not been observed definitely by members of the naturalist staff here but frequent reports by visitors give the basis for the interval.

Morning Glory Pool - A beautiful feature which is being marred by visitors who persist in throwing tokens into it. The sides are littered with the tokens. Lately even coins have been thrown in. The offenders have not as yet been apprehended.

Oblong Geyser - is irregular though very forceful when it does play. It is certainly one of the largest of the open or pool type of geysers and ejects an enormous volume of water although it has not been seen to play to a height greater than 25 feet.

Old Faithful Geyser - The longest interval for the month of July was 91 minutes and occurred on July 17. This interval was observed by members of the naturalist and ranger force. The longest interval on record was recorded on August 12, 1934: "Old Faithful, due to play at 11:50 a.m., played at 12:20 p.m. - Interval 93 minutes."

Riverside Geyser - This season from the start of the overflow play begins about 2½ hours. This geyser is very regular and plays about every hour and 15 minutes.

Splendid Geyser - apparently has ceased its activity of a month ago and is now comparatively quiet.

490 - Miscellaneous

Fish Planting - During the month 2,201,500 grayling fry were planted in park waters from the Grebe Lake Hatchery. No. 3 Eastern Brook totaling 30,800 were trucked from the U. S. Bureau of Fisheries Hatchery at Bozeman and planted in various waters in the park. The grayling egg take at Grebe Lake amounted to 5,700,000 for the season and it is expected that over 41,000,000 blackspotted trout eggs will be taken at the Yellowstone Lake Hatchery, which is operated by the Bureau of Fisheries. The

Grand Canyon - In the Grand Canyon there are some interesting features on an interval of from 20 to 30 feet. The most interesting feature is the July part of the strata here mentioned.

Green Spring - This year has been observed in various sections. The strata are divided into a series of beds in which the fossils are preserved. The following is a list of the fossils observed in the Green Spring. The fossils are preserved in the west side of the bed and are divided into two groups. The first group is the fossils of the west side of the bed and the second group is the fossils of the east side of the bed. The fossils are preserved in the west side of the bed and are divided into two groups. The first group is the fossils of the west side of the bed and the second group is the fossils of the east side of the bed.

Handbook of Geology - is still available.

Local Geology - gives very complete information on the geology of the area.

Local Geology - gives very complete information on the geology of the area. It is a very interesting book and is highly recommended to all geologists. It gives a very complete account of the geology of the area and is highly recommended to all geologists.

Geological Glossary - is a beautiful book which is highly recommended to all geologists. It gives a very complete account of the geology of the area and is highly recommended to all geologists. It gives a very complete account of the geology of the area and is highly recommended to all geologists.

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previous record take at the Lake Hatchery was 38,190,000 taken in 1934.

Due to the fact that the Hatchery at Yellowstone Lake is not large enough to accommodate all of the eggs which were taken it has been necessary to ship eggs out of the park for hatching. Arrangements have been made with the states of Montana, Idaho and Wyoming to take care of eggs which the Lake Hatchery was unable to accommodate. Under the present arrangements the various state agencies hatch the eggs in state hatcheries and return 50 per cent of the fry to waters in Yellowstone Park.

500 - Use of Park Facilities by the Public

510 - Increase or Decrease in Travel

Total travel for the month of July amounted to 175,146 visitors and 47,655 motor vehicles as compared with 160,874 persons and 43,697 vehicles recorded in July of last year. The travel to date is 24,815 visitors and 6,501 motor vehicles in excess of that recorded last year. This represents an increase of 10.2 per cent in visitors and 9.2 per cent in motor vehicles. There has been a decided increase in trailer houses which have visited the park this season. However, no accurate records have been kept of the exact numbers and consequently no comparative figures on this class of travel can be shown.

530 - Special Visitors

July 3 - Miss Eva Marie Luther, daughter of Dr. Hans Luther, former German Ambassador, with Mrs. Edmund G. Koerner of Essen, Germany, in west.

July 7 - L. E. Orr, Fox Movietone, Denver, Colorado, in north.

July 6 - James A. Foote, Executive Secretary, National Parks Association, Washington, D. C., in east; out north July 13.

July 8 - Whitney Seymour, Member of Board of Directors, American Civil Liberties Union, New York City; out west 20.

July 13 - E. E. Nelson, Passenger Traffic Manager, Northern Pacific Railway, St. Paul, Minnesota, in north; out north 14.

July 13 - Mrs. Gerald P. Nye, wife of Senator Nye of North Dakota, in east.

July 13 - Mrs. Henry F. Pringle, special magazine writer and author, New York City, in east.

July 14 - Dr. A. K. Fisher, former Economic Biologist, Biological Survey, in northeast with Henry C. Fuller, Consulting Chemist and President Washington Biological Society and Secretary of Baird Club, Washington ornithological group.

Previous records show that the total number of vehicles in 1931 was 47,600. The fact that the number of vehicles in 1932 was 47,600 is not surprising in view of the fact that the number of vehicles in 1931 was 47,600. The fact that the number of vehicles in 1932 was 47,600 is not surprising in view of the fact that the number of vehicles in 1931 was 47,600.

500 - Use of Tax Facilities by the Public

510 - Increase or Decrease in Taxes

Total taxes for the month of July amounted to \$1,100,000. This represents an increase of 10% over the total for the month of June. The increase is due to the fact that the number of vehicles in July was 47,600, as compared with 43,000 in June. This represents an increase of 10% over the total for the month of June. The increase is due to the fact that the number of vehicles in July was 47,600, as compared with 43,000 in June.

520 - Special Visitors

July 1 - The Hon. J. P. Cullen, Mayor of New York City, visited the State Capitol in Albany, N. Y., on July 1. He was accompanied by Mrs. Cullen and their children.

July 2 - Mr. J. P. Cullen, Mayor of New York City, visited the State Capitol in Albany, N. Y., on July 2. He was accompanied by Mrs. Cullen and their children.

July 3 - Mr. J. P. Cullen, Mayor of New York City, visited the State Capitol in Albany, N. Y., on July 3. He was accompanied by Mrs. Cullen and their children.

July 4 - Mr. J. P. Cullen, Mayor of New York City, visited the State Capitol in Albany, N. Y., on July 4. He was accompanied by Mrs. Cullen and their children.

July 5 - Mr. J. P. Cullen, Mayor of New York City, visited the State Capitol in Albany, N. Y., on July 5. He was accompanied by Mrs. Cullen and their children.

July 6 - Mr. J. P. Cullen, Mayor of New York City, visited the State Capitol in Albany, N. Y., on July 6. He was accompanied by Mrs. Cullen and their children.

July 7 - Mr. J. P. Cullen, Mayor of New York City, visited the State Capitol in Albany, N. Y., on July 7. He was accompanied by Mrs. Cullen and their children.

July 8 - Mr. J. P. Cullen, Mayor of New York City, visited the State Capitol in Albany, N. Y., on July 8. He was accompanied by Mrs. Cullen and their children.

July 16 - Mrs. J. Fred Essary, Washington, D. C., newspaper writer and columnist, in west; out west 18th.

July 18 - Mazamas Hiking Club of northwest states, headquarters Portland, Oregon, 67 members in party, in south; out west 23d.

July 19 - Baron Gilbert von Rombert, Forest Service, Germany-Iceland, in north; out north.

July 18 - Mrs. Charles Walcott, noted botanist and wild flower artist and wife of former Director, National Museum, Washington, D. C., in east with Dr. and Mrs. Birdsall of Washington.

July 20 - Major General T. W. Ashburn, U.S.A., President Inland Waterways Corporation, Washington, D. C., in west; out west 23d.

July 23 - John P. Kellogg, Zoologist, Chicago, Illinois.

July 24 - Dr. and Mrs. William T. Gill, Washington, D. C., prominent physician and park enthusiast, in north; out south 27th.

July 25 - R. C. Reamer, Architect for Old Faithful, Canyon and Mammoth hotels, in north; out north 27th.

July 26 - W. H. Jackson, pioneer photographer and member 1871 Hayden Survey Party, in south, out south August 2.

July 27 - Dr. George Morey, Geophysical Laboratory, Carnegie Institution, Washington, D. C.

July 30 - Gifford Pinchot, former Governor of Pennsylvania, accompanied by Henry S. Graves, Dean, School of Forestry, Yale University, and Dr. Herbert A. Smith of the Washington office of the Forest Service and recently Editor-in-Chief of Journal of Forestry, in northeast; out west 31st.

540 - Public Campgrounds

Travel statistics for the month of July indicate that only 21,906 parties took advantage of the facilities offered in the public auto campgrounds this month as compared with 22,229 reported last year. These figures are compiled from daily campground checks made at the developed auto camps in the park. It has been noted that there is a considerable increase in the number of trailer houses in the auto camps, as compared with last year and previous years. However, complete figures have not been kept on this class of travel and therefore an accurate comparison is not possible. Weather conditions have not been favorable for camping during this month. There have been numerous rains and local showers that caused a large number of parties that would normally be camping to seek shelter in cabins. It has also been observed that there are more people using undeveloped roadside campgrounds than during last season.

600 - Protection

610 - Police Protection

Thirty-four arrests were made in the park this month. Convictions were secured on all but one case that were presented before the United States Commissioner. The arrests, classified as to offenses and showing total fines assessed for each class are tabulated as follows:

<u>OFFENSE</u>	<u>NUMBER</u>	<u>FINES ASSESSED</u>
Speeding	12	\$45.50
Reckless driving	11	99.00
Disorderly conduct*	6	45.00
Driving while intoxicated	1	5.00
Hauling paid passengers**	1	
More than limit of fish	1	25.00
Undersized fish	1	2.00
Building campfire without permit	1	2.00
TOTAL -	<u>34</u>	<u>\$223.50</u>

*In three of these cases violators were sentenced to serve jail sentences.

**Violator was sentenced to serve one hour in jail. The driver of the vehicle was receiving no direct benefit from the trip and the evidence indicated that he did not instigate or promote this violation.

620 - Fire Protection

Eight forest fires were reported, located, and suppressed during the month. Five were man-caused and three were caused by lightning. All eight fires were held to class "A" in size. In most cases they were single trees or snags. Weather conditions have been such that there has been little fire hazard this month. There have been several severe lightning storms but in all cases these storms were accompanied by sufficient precipitation to keep the fire hazard well below normal for this season of the year.

630 - Accidents

Twenty-three automobile accidents were investigated and reported this month as compared with 38 reported during July last year. With the exception of two cases, all of the accidents which were reported this month were minor in nature with some property damage and slight personal injuries.

On July 7, as Alfred H. Curtin of Grand Island, Nebraska was driving a loaded truck between Canyon and Lake Junctions, he drove off of the road and turned the truck over. Curtin was pinned under the truck and killed. Curtin was employed by W. A. Norris Construction Company and was engaged in the performance of assigned duties. It was never definitely determined how or why the accident occurred.

On July 22, Mr. C. J. Henning of Chicago, Illinois, while travelling at a speed of about 40 miles per hour on a straight section of road, lost control of his car and drove it off of the road where it turned over one and one-half times. The car was occupied by Mr. Henning and his wife and two friends, Misses Bertha and Signe Linden. Mrs. Henning suffered a broken neck and Miss Signe Linden a broken collar bone.

On the evening of July 7, at about 9 o'clock, Wilfred Karls, age 20, drowned in the swimming pool at Old Faithful, owned and operated by C. A. Hamilton. Karls was accompanied by his brother and two cousins. All four members of the party had been frolicking in the water and playing with a water polo ball. Wilfred Karls, who could not swim, was hanging onto the guard rail along the side of the pool. For some reason he let loose of the rail and reached for the floating rubber ball. He was in the deep end of the pool at the time. There were a number of spectators and swimmers on the sides of and in the pool and calls for help by Karl's brother and friends were interpreted as being in fun. Karls drowned within a few minutes and all attempts to revive him failed. The life guard at the pool was engaged in renting swimming suits and other paraphernalia at the counter in the front of the building at the time the accident occurred.

900 - Miscellaneous

Post Office - The business in the Post Office at the close of the month was the greatest for any month ever recorded in the history of the Post Office. It is approximately 5 per cent greater than the corresponding month of last year. The stations throughout the park showed practically the same increase over the corresponding month of last as the main office at Mammoth.

Church Services - Protestant services were held every Sunday during the month of July at Mammoth, Old Faithful and Fishing Bridge, Catholic services were also held every Sunday at Mammoth and Canyon.

Hospital and Medical - There were 132 patients admitted in the Park Hospital during the month of July. The physician traveled 7,500 miles making calls at the various points in the park and checking dispensaries.

E.C.W. - The activities of the Yellowstone camps have progressed smoothly during the month, with the new foremen becoming familiarized with Park Service ideals and standards. There are spike camps now located at West Thumb, Bechler River, Gallatin and Cooke ranger stations, and another site camp will be established at Tower Falls for the construction of a comfort station and lowering of the water line at the Tower Falls ranger station.

With an increase of about 10 per cent in visitors into Yellowstone Park over the records of last year a large number of man days had been used in keeping the roadsides in the park clear of debris, such as papers, boxes and bottles. In order to keep the roads in a presentable condition,

On the evening of July 11, at about 8 o'clock, a fire occurred in the building at 1015 North 10th Street, near the corner of 10th and North streets. The fire was caused by a gas leak from a gas stove in the kitchen. The fire was extinguished by the fire department.

The fire started in the kitchen at about 8 o'clock. The fire spread to the living room and the bedroom. The fire was extinguished by the fire department. The cause of the fire was a gas leak from a gas stove in the kitchen. The fire was caused by a gas leak from a gas stove in the kitchen. The fire was extinguished by the fire department.

1015 - 1015

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it is necessary that we have small crews operating from all camps nearly every day of the month.

An excellent piece of work is being accomplished by the enrollees of the Canyon Camp on the obliteration of the old road from Chittenden Bridge to Artist Point. This type of work is ideally suited for enrollee labor.

A good start has been made on the construction of the three comfort stations at the Mammoth campground in connection with the new Mammoth campground layout. It is proposed accomplishing a great deal of work in this campground during the coming winter.

Excellent cooperation has been maintained by the Army and supervisory personnel.

Yours very truly,

Edmund B. Rogers,
Superintendent.

VG

it is necessary that we have well trained men all over the country every day of the month.

An excellent piece of work is being accomplished by the workers of the factory and the milliners of the city and the milliners of the city are doing a splendid job of work in making hats for the ladies.

A good deal has been done in the construction of the new factory at the corner of the street in connection with the new building. It is a splendid building and a great deal of work is being done during the winter season.

Excellent cooperation has been maintained in the city and throughout the country.

Done with care,

John D. Smith,
Superintendent.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Yellowstone

July, 1937

National Park for the Month of

	This Year	Last Year
park revenue on hand beginning of month,	-	-
received,	\$129,789.60	\$112,815.80
Total,	129,789.60	112,815.80
mitted,	129,789.60	112,815.80
hand close of month,	-	-

park revenues received this year to date,	\$129,789.60
park revenues received last year to date,	112,815.80
Increase,	16,973.80
Per cent of increase,	15

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Year, 1937

National Park for the Month of

Alloston

Last Year	This Year
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Revenue on hand beginning of month	120,700.00	112,500.00
Received	120,700.00	112,500.00
Total	241,400.00	225,000.00
Expended	120,700.00	112,500.00
Hand close of month	120,700.00	112,500.00

Park revenues received this year to date	120,700.00	112,500.00
Park revenues received last year to date	120,700.00	112,500.00
Increase	0.00	0.00
Per cent of increase	0.00	0.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Yellowstone

National Park for the Month of

July, 1937

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	Reg. 151 ECW 31	Reg. 312 PW 3	Reg. 146 ECW 34 PW 1	Reg. 271 PW 6
Number of additions	Reg. 6 ECW 3	Reg. 22 PW 0	Reg. 4 ECW 3	Reg. 42 PW 0
Total	Reg. 157 ECW 34	Reg. 334 PW 3	188	319
Number of separations	Reg. 0 ECW 1	Reg. 58 PW 3	-	Reg. 35 PW 0
Number of employees close of month	Reg. 157 ECW 33	Reg. 276 PW 0	Reg. 150 ECW 37 PW 1	284
Number of promotions during month	0		0	
Aggregate amount of annual leave taken	Reg. 132-3/8 ECW 43-5/16		Reg. 42-11/28 ECW 13	
Aggregate amount of sick leave taken	Reg. 33 ECW 2		Reg. 45-1/2 ECW 9	
Aggregate amount of leave without pay	Reg. 2		Reg. 2	

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

..... National Park for the month of

This Month Last Year		This Month		This Month Last Year		This Month	
Appointed	Non-Appointed	Appointed	Non-Appointed	Appointed	Non-Appointed	Appointed	Non-Appointed
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34
35	35	35	35	35	35	35	35
36	36	36	36	36	36	36	36
37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39
40	40	40	40	40	40	40	40
41	41	41	41	41	41	41	41
42	42	42	42	42	42	42	42
43	43	43	43	43	43	43	43
44	44	44	44	44	44	44	44
45	45	45	45	45	45	45	45
46	46	46	46	46	46	46	46
47	47	47	47	47	47	47	47
48	48	48	48	48	48	48	48
49	49	49	49	49	49	49	49
50	50	50	50	50	50	50	50
51	51	51	51	51	51	51	51
52	52	52	52	52	52	52	52
53	53	53	53	53	53	53	53
54	54	54	54	54	54	54	54
55	55	55	55	55	55	55	55
56	56	56	56	56	56	56	56
57	57	57	57	57	57	57	57
58	58	58	58	58	58	58	58
59	59	59	59	59	59	59	59
60	60	60	60	60	60	60	60
61	61	61	61	61	61	61	61
62	62	62	62	62	62	62	62
63	63	63	63	63	63	63	63
64	64	64	64	64	64	64	64
65	65	65	65	65	65	65	65
66	66	66	66	66	66	66	66
67	67	67	67	67	67	67	67
68	68	68	68	68	68	68	68
69	69	69	69	69	69	69	69
70	70	70	70	70	70	70	70
71	71	71	71	71	71	71	71
72	72	72	72	72	72	72	72
73	73	73	73	73	73	73	73
74	74	74	74	74	74	74	74
75	75	75	75	75	75	75	75
76	76	76	76	76	76	76	76
77	77	77	77	77	77	77	77
78	78	78	78	78	78	78	78
79	79	79	79	79	79	79	79
80	80	80	80	80	80	80	80
81	81	81	81	81	81	81	81
82	82	82	82	82	82	82	82
83	83	83	83	83	83	83	83
84	84	84	84	84	84	84	84
85	85	85	85	85	85	85	85
86	86	86	86	86	86	86	86
87	87	87	87	87	87	87	87
88	88	88	88	88	88	88	88
89	89	89	89	89	89	89	89
90	90	90	90	90	90	90	90
91	91	91	91	91	91	91	91
92	92	92	92	92	92	92	92
93	93	93	93	93	93	93	93
94	94	94	94	94	94	94	94
95	95	95	95	95	95	95	95
96	96	96	96	96	96	96	96
97	97	97	97	97	97	97	97
98	98	98	98	98	98	98	98
99	99	99	99	99	99	99	99
100	100	100	100	100	100	100	100

Number of employees beginning of month
 Number of additions during month
 Number of separations during month
 Number of employees close of month
 Number of promotions during month
 Total amount of annual leave taken
 Total amount of sick leave taken
 Total amount of leave without pay

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

Yellowstone

July, 1937

National Park for the Month of

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
Current generated,	106,700	106,700	90,300	90,300	16,400	18.16
Sold to park operators,	20,494	20,494	16,340	16,340	4,154	25.42
Sold to others,						
Furnished to other Governmental agencies,						
Used by National Park Service						
Lost in transit, etc.,	86,206	86,206	73,960	73,960	12,246	16.55
Total current generated,	106,700	106,700	90,300	90,300	16,400	18.16

Operators 1937 \$ 826.57
" 1936 \$ 817.00

Amount receivable from the sale of electricity,

Indicated by K. W. H.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

PHOTOCOPY OPERATIONS AND USED

Estimated cost for the month of _____

Item	Quantity	Unit Price	Total	Remarks
Photocopy paper	10,000	0.05	500.00	
Carbon paper	5,000	0.02	100.00	
Other supplies	1,000	0.01	10.00	
Total			610.00	

Approved by _____
Special Agent in Charge

Amount receivable from the sale of _____

Indicated by R. W. H.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

Yellowstone

National Park for the Month of

July, 1937

	This Month	This Month Last Year	Increase	Percent Increase
--	------------	----------------------	----------	------------------

LOCAL BUSINESS

Number of circuit maintained,	604	584	20	3
Number of telephones connected,	265	261	4	1.5
Number of measured service calls,				
Number of other local calls,				
Total No. of local calls,				
Peak load in calls per day,				

Receipts from measured service calls, . . .				
" " coin boxes,				
" " telephone rental,				
TOTAL RECEIPTS				

LONG DISTANCE BUSINESS

Outbound calls,				
Inbound calls,				
TOTAL LONG DISTANCE CALLS				

Peak load in calls per day,				
Receipts from Long Distance business, . . .				

TELEGRAPH BUSINESS

Messages via Western Union,				
Messages via				
TOTAL MESSAGES				

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

TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPTS-

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

Month of _____ National Park for the Month of _____

Month	Last Year	Month	Last Year
-------	-----------	-------	-----------

I. BUSINESS

No. of local calls	No. of long distance calls	No. of long distance calls	No. of long distance calls
100	200	100	200

Number of long distance calls

Number of long distance calls

TOTAL BUSINESS

G. DISTANCE BUSINESS

Outbound calls

TOTAL LONG DISTANCE CALLS

Number of long distance calls

H. PATH BUSINESS

Messages via Western Union

TOTAL MESSAGES

Number of long distance calls

TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPT.

Yellowstone Park, Wyoming.
July 1, 1937.

MEMORANDUM:

The following report of activities under the supervision of Engineering for the month of June is submitted:

No.170-Maps, Plans, and Surveys:-

General park engineering work consisted of the completion of the topographic survey of the proposed Mammoth Campground and preparation of the necessary plats, staking of the proposed campground layout, and location of the new comfort stations together with the necessary surveys for water and sewer service, E.C.W. Engineer Wallace was engaged throughout the month on the telephone line survey in the Gallatin area. Assistant Engineer Wallace covered field work on active construction projects, general road maintenance, and some E.C.W. construction which could not be handled by the limited E.C.W. technical personnel.

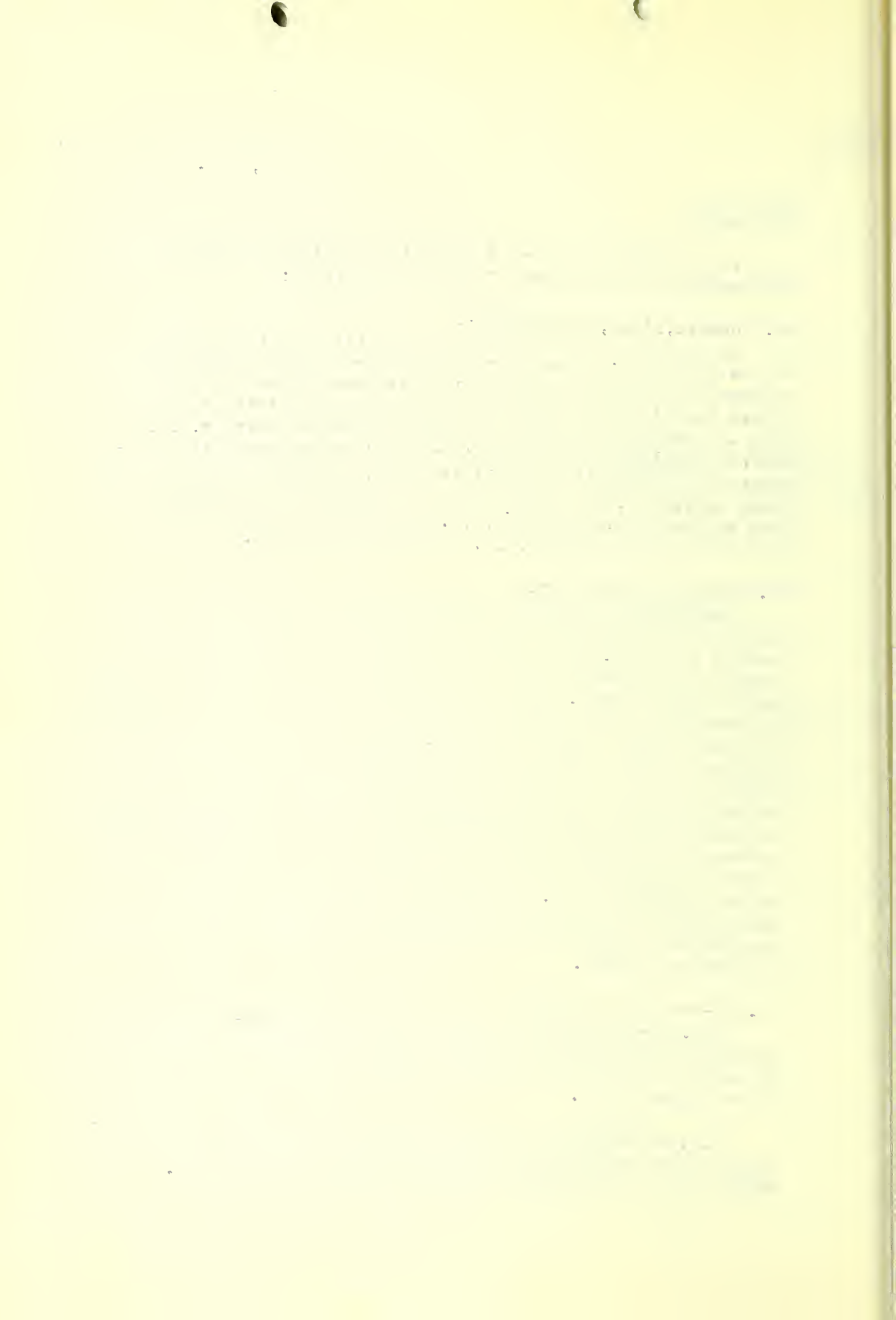
No.200-Road Maintenance:-

Unseasonable weather throughout most of the month caused many items of heavy maintenance and badly delayed general maintenance features. Heavy snow falls occurred on June 4 and 12 leaving ten inches of snow in Dunraven Pass and approximately two feet in Sylvan Pass. Motor patrols from adjacent sections cleared Dunraven Pass but it was necessary to operate the rotary snow plow in Sylvan Pass on June 12 and 13. Following the storm in the Sylvan Pass area, a rock slide of approximately 300 yards blocked the East Entrance road from late of the night of June 13 to noon of June 14. Serious failures of roadways, occurred due to inadequate provisions for subsurface drainage occurred on the newly constructed sections between Old Faithful and West Thumb, on the South Approach Road, and above the Terraces at Mammoth and extra crews were organized to install drainage tile. A maintenance crew was organized for the Bechler River section and oiling of the section within the park was started together with improvement of the side road leading to the Ranger Station.

No.230-New Construction:

F.P.692-Old Faithful Sewer System Extension;*This project was 95 percent complete at the end of the month with some carpentry work on the pump and chlorine house and general cleanup yet to be accomplished.

F.F.601-Emergency Reconstruction of Observation Platform:-
Work on the reconstruction of the viewing platform for the Upper Falls of the Yellowstone River was completed on June 25.



F.P.584-Old Faithful Water System:-Work on this project consisted of the construction of a chlorine hose and the installation of the chlorinating equipment and ammoniator. Construction was approximately 98 per cent complete at the end of the month.

Project 517 & 579-Oiling, Cooke-Lamar Canyon Road:-The allotment to this project, a transfer of unexpended balances from trail bridge construction, was exhausted on June 20 and the work continued as a maintenance item. Work consisted of palliative dust oiling of the newly constructed sections between the Northeast Entrance and the Lamar Canyon.

Contract Construction:-

New Post Office Building:-Work on this project is progressing rapidly with all concrete outside and partition walls having been poured and roof framing under way.

Yellowstone Park Company Improvements:-Work on the main Hotel and Lodge buildings is very nearly completed and the cabin area is being rapidly developed with roadways and water and sewer service almost installed.

Major Road Construction:-

The Lamar Canyon section was completed and accepted on June 15 and the contractor moved men and equipment to Old Faithful to begin work on the concrete and stone bridge over the Firehole River, a portion of the Old Faithful West Thumb road. The same contractor has the contract for the construction of several parking areas in the vicinity of Old Faithful and is making satisfactory progress on this item. The Strong & Grant contract on the Fishing Bridge and Gibbon River bridges is progressing rather slowly but traffic over the Fishing Bridge can probably be allowed soon after the first of the coming month. Base course surfacing on the Canyon-Lake section is completed except about a half mile stretch, where raising of the grade has been found necessary. Work on the Isa Lake-West Thumb section has been progressing slowly, the contractor being hampered by excessive rains.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5800 S. UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637

RECEIVED
MAY 15 1964

BY
J. H. HARRIS

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone National Park

Monthly Report of

(Area)

Minor Roads and Trails Projects

As of July 31, 1937
(Date)

Total Mileage for Area:
Minor Roads Miles
Trails Miles

Proj. No.	Description of Project	Type of Work	Mile- age of Proj.	% Com- plete	Appropria- tion Symbol	Amount Allotted	Amount Expended	Remarks
	No Minor Roads and Trails Projects active.							



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Yellowstone National Park
Yellowstone Park, Wyoming

July 2, 1937.

CIRCULAR NO. 27:

The rules and regulations for the government of the National Parks and Monuments provide that "The use of fireworks and firecrackers in the parks and monuments is prohibited, except with the written permission of the superintendent or custodian."

The region in the immediate vicinity of the utility area at Mammoth Hot Springs is the only area in the park where such permission will be granted. The use of small firecrackers and small fireworks is hereby authorized in this vicinity when such fireworks and firecrackers are used in the immediate vicinity of residences and under the supervision of parents or other competent and responsible persons. Fireworks and firecrackers shall not be used in the vicinity of equipment sheds, storage buildings, garages, operators' buildings, or any buildings other than residences in the Mammoth area.

Edmund B. Rogers
Superintendent



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Yellowstone National Park
Yellowstone Park, Wyoming

Office of the Superintendent

July 22, 1937

CIRCULAR NO. ²⁸ 33:

Due to the numerous changes in assignments of ranger and ranger-naturalist personnel, since the previous list of assignments was issued on June 15, the following corrected table has been prepared for your information.

HEADQUARTERS PERSONNEL (Protection Department)

Francis D. LaNoue, Acting Chief Ranger.
Albert E. Elliott, Acting Assistant Chief Ranger, in charge of Chief Ranger's Office.
Maynard Barrows, Acting Assistant Chief Ranger, in charge of Wildlife Studies and Investigations.
Curtis K. Skinner, Acting Assistant Chief Ranger, in charge of Trails and Field Inspections.
George A. Walker, Acting Assistant Chief Ranger, in charge of Forestry.

HEADQUARTERS PERSONNEL (Naturalist Department)

C. Max Bauer, Park Naturalist
William E. Kearns, Assistant Park Naturalist
Frank Oberhansley, Junior Park Naturalist

SPECIAL ASSIGNMENTS (Protection Department)

George W. Miller, Assistant Chief Ranger, assigned to supervision of E.C.W. activities.
Gerald P. Yetter, Park Ranger, assigned to utility work and highway patrol with headquarters at Mammoth.
John S. Bauman, Park Ranger, assigned to utility work and highway patrol with headquarters at Mammoth.
Rudolf L. Grimm, Park Ranger, assigned to range studies, with headquarters at the Game Preservation Ranch.
Arthur Jacobsen, Park Ranger, general utility work with headquarters at Mammoth.



PERSONNEL IN THE FIELD

STATION	RANGER	TEMPORARY RANGER	RANGER-NATURALIST
Pechler Dist.	Jack McNutt		
Buffalo Ranch	Harry Trischman Thomas D. Phillips David Pierson		
Canyon Dist.	Frank H. Anderson	Robert D. Robb Vincent L. Rees George Wenban Michael Sedar John B. Thune James N. Dent	Neil Miner Irwin Douglass Theodore Robb
Cooke	E. L. Arnold	Roscoe Pullen Raymond Smalley	
East Entrance	W. Verde Watson	Charles D. Yahne Forrest M. Swisher Charles D. Lueck, Jr. Dale E. Foe	
Fishing Bridge		Howard M. Bash John B. Richards Carl N. Berryman	John Moore Harry Woodward Lloyd Garrison Joseph Catmull
Gallatin	Judson M. Rhoads		
Gardiner District	John W. Jay	Eugene Bjorn Lawrence Latane Wayne Fitch	
Lake District	David deL. Condon Earl M. Semingsen	Richard M. Lillig Joseph H. Fraser	
Mammoth	Albert E. Elliott (in charge of Mammoth and vicinity FIRE GUARD	William F. Pugas Harry F. Schwartz Donald E. Warner Edward J. Hall	Arthur Nash Randell Watkins Russell Oliver James Hamilton
Madison Jct.			Wayne Replogle
Mt. Holmes	FIRE LOOKOUT	Aarne Hanninen	
Mt. Sheridan	FIRE LOOKOUT	Frank A. Nelson, Jr.	
Mt. Washburn		Earl Pitt	



PERSONNEL IN THE FIELD (Continued)

STATION	RANGER	TEMPORARY RANGER	RANGER-NATURALIST
Norris		Alven Raume	Robert Spivey
Old Faithful	W. Leon Evans	Julius A. Roller Paul Umbach Emmet Grace Ervin F. Cheney Stuart Godwin Stanley Reed, Jr.	Herbert Lystrup Phillips Fix John Thompson Lloyd Sweetman Jennings King
Pelican Cone	FIRE LOOKOUT	Robert H. Forbes	
Slough Creek		Clarence B. Johnson	
Snake River District	Thomas K. Garry Robert P. Beal FIRE GUARD	Thomas H. McCrackin Walter F. Hamilton Lloyd W. Mitchell	
Soda Butte District	F. Sheldon Dart		
Tower Falls District	Walter H. Gammill	Clayton G. Olson	
Thorofare		Lee Shrum, Jr.	
West Yellowstone District	W. S. Chapman Wayne B. Alcorn	W. Beverly Hart Thomas E. Young George A. Tubb	
West Thumb	Lee L. Coleman		Trusten Peery

Edmund B. Rogers
Superintendent



UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming

1937 - 6

PRESS MEMORANDUM
Release on Receipt

Yellowstone Park, Wyoming, July ____ . That Yellowstone National Park has been eminently successful in upholding its most unique feature, that of maintaining a virtual wilderness within a highly civilized nation, was the opinion expressed by two prominent guests, Colonel Vladimir S. Hurban, Czechoslovakian minister to the United States and Mrs. Horace M. Albright, wife of the park superintendent from 1919 to 1929, who visited the national playground recently.

Colonel Hurban, who with Mrs. Hurban was making his first visit to the park, expressed pleasure at seeing the more publicized features such as the geyser basins and the Grand Canyon of the Yellowstone, but he was particularly impressed that such an area with wild life continuing just as it has for thousands of years could be preserved as it has. He remarked favorably concerning the ease and comfort of travel within an area in which the only evidences of commercialism are for the convenience of the visitor.

Mrs. Albright, whose husband served as park superintendent for a longer period than any other person, noticed that although travel facilities had been improved since her stay in the park, wild life was just as abundant and the natural beauty of the area has remained unchanged.

After a brief tour of the grand loop, Mrs. Albright remarked that she hoped that the region might continue to progress as a mecca for travelers while retaining its wilderness flavor.

Mr. Albright was director of the National Park Service from 1929 to 1933 and is now chairman of the American Planning and Civic Association to which position he recently succeeded Frederic A. Delano.



UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming

PRESS MEMORANDUM
Release on Receipt

1937 - 7

Yellowstone Park, Wyoming, July ____ . The popular belief that Yellowstone National Park rangers know every animal in the more than 2,000,000 acre area by name is pooh-poohed by the park's guardians themselves, but from figures on the wild animal population released from the park superintendent's office one might be lead to believe that there is more truth than fiction in the superstition.

Although grizzly bears can be sighted by motorists and bus travelers only at the bear feeding grounds near the Canyon hotel, and in fact in no other place in the United States, the rangers report that there are 286 in the park. The short term visitor who travels the grand loop highway sights many black bears along the well-travelled thoroughfare but it remains the rangers duty to report that there are a total of 600 of the species in the area.

Antelope are notoriously timid but the sharp-eyed rangers have announced that there are 627 bounding about in the large meadows. Elk are practically unknown along the main roads, preferring the higher mountain regions, but the park census reports 11,512 roaming the wildernesses. In the same family are 843 deer, some of which occasionally visit the highways.

visitors in 1937 are amazed at the abundance of moose to be found grazing in plain sight. Rangers report that there are 270 and the number is growing. A sizable herd of buffalo is quartered near Tower Falls for the park's visitors, but the total count for the area runs to 674. Of mountain sheep there are 175 mostly in the Mt. Washburn vicinity. Each year on designated dates all members of the permanent ranger force engage in recording the park's wild animal census.



UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming

PFSS MEMORANDUM
Release on Receipt

1937 - 8

Yellowstone Park, Wyoming, July ____ . America's well known fishing location, Yellowstone National Park's Fishing Bridge, will soon begin to sag under the weight of thousands of anglers as spring restrictions on the Yellowstone river are lifted July 1.

Followers of Izaak Walton who arrived on the scene early have had to be content with trying their luck in the waters of Yellowstone Lake and below the upper falls of the river, but with the lifting of the ban the famous old structure is once more teeming with trout seekers.

Because a new bridge is in the process of construction nearby, this will be the last season in which the long line of poles will be seen along the sides of the curving structure. Traffic will pass by the new route shortly after the middle of August.

Rangers report that the count on fish taken from the lakes and streams of the park in 1937 runs slightly below 1936 up to the end of June, but they attribute this largely to the fact that waters have remained at an unusually high level through the June season. The late spring and abundant precipitation have made angling difficult but prospects point to a heavy haul later.

After the July date few waters remain closed.

Although park registrations are running at a new high level, there is reported to be plenty of water and an abundance of fish for all park visitors.



UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming

PRESS MEMORANDUM
Release on Receipt

1937 - 9

Yellowstone Park, Wyoming, July ____.

Yellowstone National Park's popularity with nationally and internationally prominent persons has not suffered in the rush of the early 1937 season, according to a check-up from the superintendent's office.

Among the political notables to visit the area in June were Colonel Vladimir S. Hurban, Czechoslovakian minister to the United States and Miami Hurban; and also James M. Curley, former governor of Massachusetts and mayor of Boston.

Horace M. Albright, Yellowstone National Park superintendent from 1919 to 1929, National Park Service director from 1929 to 1933, and the present chairman of the National Civic and Planning Association, and Mrs. Albright both returned to see their old home at Mammoth Hot Springs and toured the park while doing so.

Zane Grey, widely known author of western novels, many of which have been screened, was an early guest as was Sigmund Spaeth, the tune detective of movie and lecture fame. Mrs. Alice Rogers Hager, Washington, D.C., author of a recently published book on the west, stopped for a brief tour. Governor Leslie Miller of Wyoming visited the park in connection with the 1937 opening of the National Parks Airway airport at West Yellowstone.

Approximately 500 sorority girls, members of the Alpha Omicron Pi and Alpha Xi Delta groups held their conventions in the park the last week of the month.



UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming

PRESS MEMORANDUM
Release on Receipt

1937 - 10

Yellowstone Park, Wyoming, July _____. In an effort to make the story of Yellowstone National Park's innumerable geysers and hot springs available to the general public in interesting and readable form, Dr. Clyde Max Bauer, park naturalist, has recently completed a book entitled, "The Story of Yellowstone Geysers" which was released for publication the last week in June.

The new volume, containing 103 illustrations of present and past geysers in action and a complete list of the 210 active craters in the park at the present time, presents the information on the nature of and causes for geysers in a non-scientific manner. The work is a culmination of studies made by several scientists who have studied in Yellowstone, including the Carnegie Institution.

Included in the 125 page handbook are sections on the sources of heat, water, and the minerals dissolved; a discussion of the nature and composition of the deposits made by the hot springs and geysers; and a description of the character and shape of the reservoirs in the ground.

Park authorities feel that Dr. Bauer's book will give the visiting public an opportunity to understand the phenomenal geyseric activity in the park, an activity which is far more prevalent here than in any other place in the world.

Dr. Bauer, who has a Ph. D. degree in geology from the University of Colorado, became park naturalist in 1932. Having worked in commercial geology for 17 years and taught for six, in addition to his thorough studies of the Yellowstone area, he is considered by authorities to be exceptionally well fitted to turn out such a study.



UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming

PRESS MEMORANDUM
Release on Receipt

1937 - 11

Yellowstone Park, Wyoming, July _____. With travel registrations running approximately 11 per cent above 1936's all-time record, Yellowstone National Park's rangers who check traffic at the entrances have become accustomed to seeing cars jam-packed with visitors pass through the portals, but an auto drove up to the south gate last week which caused the boys on duty to blink their eyes in amazement.

The car was a small coupe. The driver was Frank Miller of Baker, Oregon. The fact that there were four persons sitting in the tiny machine was not at all unusual, but when ranger Ray Smalley asked the customary question, "Do you have any guns or dogs with you?" the answer stumped him.

Packed in with the four persons was a contentedly purring kitten, apparently enjoying his first visit to the land of geysers, hot springs, canyons, and wild game. But even a kitten is not unusual. What staggered Smalley was a magpie cockily perched on the top of the seat screaming his annoyances to the four winds.

Ranger Smalley reflects that with four persons, a kitten, and a magpie all entering the park in one small coupe, no records are safe. As magpies are native to the park, the bird will have the run of the forest, but the kitten will have to do his sightseeing from the end of a leash.



UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming

PRESS MEMORANDUM
Release on Receipt

1937 - 12

Yellowstone Park, Wyoming, July ____ . Travel registrations in Yellowstone National Park marched steadily toward a new all-time record through the month of June as 12.1 per cent more persons entered the park this year than in the record year of 1936, according to figures just released by the park superintendent.

All indications point toward a grand total for the year that will far surpass 1936 when 432,570 persons visited the area. With figures available through June 30, 98,634 visitors had entered the park compared with last year's 87,951.

Every one of the five entrances had contributed to the steadily growing upsurge with the south gate leading the drive, the percentage of increase there being 28.9. The east entrance through the Shoshone canyon followed with a jump of 15.5 per cent.

Off to a slow start on account of late snows which delayed the opening one week beyond last year, the relatively new northeast entrance which brings the motorist over the 11,000 foot Beartooth mountain range, had climbed to a point 6.3 per cent above 1936. The figures there had registered a loss until June 29.

Continuing as the most popular entrance was the west gate where 31,831 persons had been issued travel permits. The east portal followed closely with 29,636, and the north or Gardiner gateway broke the tape in third place with 22,276.

(more)



Yellowstone travel - 2

The increase in automobile traffic was normal with the figures reading 10.4 per cent above last year, but rail passenger visitors had skyrocketed their total by 43.3 per cent, and 30.5 more motorcyclists had entered than last year.

Too late to be included in the June figures but showing the way toward a continuation of record breaking in July was the tremendous influx of traffic during the two-day July 4 holiday when all previous standards for the number of people in the area at one time were shattered.

During the two days of July 3 and 4, 20,370 persons entered the five gateways, 1,131 above the 1936 high. West gate rangers reported registering two cars per minute for almost the entire day. All lodges and auto camps were packed at an early evening hour.

-oOo-

S.M.



UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming

PRESS MEMORANDUM
Release on Receipt

1937 - 13

Yellowstone Park, Wyoming, July ____ . Californians may boast vociferously about the natural scenic wonders of their state, but if June travel registrations in Yellowstone National Park indicate anything concerning the composite makeup of a state's citizenry, they are the best travelers of the inhabitants of any of the 48 members of the United States.

Montana, an adjacent commonwealth, leads in the number of registrations in the park with 3,413, but closely trailing and far ahead of the remainder of the pack come the citizens of the state of cinemas, big bridges, and Giant Sequoias with 3,258. Wyoming, in which the bulk of the huge playground is located, has to be satisfied with a 1,699 third place showing having sent only one-half as many visitors as California.

The Californians are not content with ranking near the top in total numbers, but they have flooded into the park in such droves through each of the five gateways that they rank near the head of the list in each. They lead in totals entering through the west and south portals and hold third place ratings in each of the other three.

Of the states not immediately adjoining Yellowstone the Illinois travelers hold second place with 1,475, the Washingtonians third with 1,307, and the Minnesotans fourth with 1,139. New Hampshire is at the bottom and its neighbor, Vermont, third from the bottom, Delaware separating the two.

Forty-eight states, the District of Columbia, four American possessions, and eight foreign nations had sent cars into the park during June. The foreign automobiles being from Canada, Mexico, Union of South Africa, China, Sweden, England, Australia, and Cuba; and those from the American possessions of Alaska, Canal Zone, Hawaii, and the Philippine Islands.



UNITED STATES
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Yellowstone Park, Wyoming

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1937 - 14

Yellowstone Park, Wyoming, July ____ . Yellowstone National Park's highly advertised natural phenomena haven't changed much in the last 50 years, J. A. Roake, Oregon City, Oregon reflected as he paused recently to recount the details of his first visit to the park since he wintered at Old Faithful during 1886 and 1887.

The old timer declared that Old Faithful was then erupting at 63 minute intervals, a schedule from which she has not deviated to any great extent to the present. Lesser regular geysers as the Beehive, Giant, Giantess, Daisy, and others in the upper basin were functioning then about as they are now.

Although the geysers, the canyon, and the lake have not changed visibly, the Oregon City foundry operator did note material changes in the number of visitors and in transportation facilities.

Seven hotels were originally established; two at Mammoth, and one each at Norris, Firehole, Old Faithful, Lake, and Canyon. The one at Norris burned and was never replaced. The others were razed with Firehole and one at Mammoth never being replaced.

Part of the grand loop highway system had already been built, but it was a stiff ride on the stagecoach over the bumpy roads and up and down the steep inclines from Mammoth to Old Faithful. There was a road from Norris to the canyon, but from Old Faithful to West Thumb, there was only a trail and it was impossible to travel from Mammoth to the canyon by way of the present Tower Junction route.

Intrepid visitors who got as far as the upper basin were required to pay for guide service, Roake advised, whereas all guide service is now furnished free of charge by members of the naturalist staff.



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Yellowstone Park, Wyoming, July ____ . American Bison, once the rulers of the western prairies, are again grazing the upland meadows within plain sight of thousands of curious onlookers as a result of a change in policy carried out by Yellowstone National Park officials this year.

Instead of keeping a show herd for the public in a small corral at Antelope creek near Tower junction, a large enclosure has been constructed, barely visible to the motorists along the Dunraven pass road, where 40 head of the shaggy beasts roam as they did before civilization came to the west.

Long lines of parked cars are common as motorists stop along the broad highway to watch the bison graze on the grassy sidehills only a few hundred yards away. Because of the naturalness of the scene it has become one of the most popular in the park.

Although the 40 head show herd is the one to which the public has the easiest access, there are approximately 756 of the animals in the park. They are divided into four groups, the largest one consisting of almost 650 head, the largest herd in the United States, and the others of approximately 40 each. The main herd is quartered in the Lamar river country in the northeast section of the park, and the two lesser ones in the Hayden valley and in the Fountain flat region. All except the show herd are back away from the sight of the general public.



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PRESS MEMORANDUM
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1937 - 16

Yellowstone Park, Wyoming, July ____ . All sorts of tasks ranging from smoke chasing to building telephone lines are being carried out by the 539 boys in the four Civilian Conservation Corps camps in Yellowstone National Park, according to park authorities.

There has not been a major fire in the park, George Miller, assistant chief ranger in charge of CCC activities in the park, reports since groups of boys were detailed to each point of high fire hazard as smoke chasers. A smoke chaser, he explained, runs immediately to any point where any sort of an unexplained fire has been reported and either gets it under control or calls for more help.

Contact men have been detailed from among the corps to assist rangers at information desks, gateways and museums. One group has been assigned the task of building 12 miles of telephone line on the west side of the park under the supervision of regular line employes.

Three groups are engaged in construction work; one at Madison junction where a summer home for rangers is being erected, another in the Bechler area where they are setting up a large lookout tower, and a third at Mammoth where three comfort stations are nearing completion.

At the Cooke entrance the boys are preparing a new water supply system for the ranger quarters, and at the game ranch near Gardiner, Montana they are working on a nursery project. Millions of seedlings are being nurtured there for transplanting in denuded areas.

As each of these projects are completed, more will be assigned, each with park improvement as the paramount objective.



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Yellowstone Park, Wyoming

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1937 - 17

Yellowstone Park, Wyoming, July ____ . The noise of
creaking timber will begin to echo over the outlet of Yellowstone lake next
week as workmen begin the process of demolishing Fishing Bridge, famous the
world over as the scene of many a trout catch.

With traffic starting to move over the new bridge, the
famous old structure over whose rails thousands of anglers have reeled in
hundreds of thousands of trout must be razed. July 20 has been set as an
approximate date on which operations will begin.

The constant demand for more speed and more safety has made
the narrow curving bridge obsolete and dangerous so progress has dictated that
it must go. Fishermen are lining its sides this week making their last catches
from its timbers.

Arising at its side is the new structure straight and wide.
Along its roadway are aisles from which angling will be easier and safer.
Traffic will be able to move without the tortuous twists now necessary, and
two cars will be able to meet without endangering the lives of the
enthusiastic anglers along its sides.

Although the new bridge will be open for traffic on about
July 20, the structure will not be completed until about August 13. At that
time all work will be finished including the construction of approaches. The
contract calls for an expenditure of \$131,000.



UNITED STATES
DEPARTMENT OF THE INTERIOR
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Yellowstone Park, Wyoming

PRESS MEMORANDUM
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1937 - 18

Yellowstone Park, Wyoming, July _____. Yellowstone National Park bears have achieved considerable renown as beggars and have some reputation as fishermen, but not until Lake district ranger, David Condon, spotted one of the bruins in the midst of a three mile trek by water did they acquire fame as marathon swimmers.

Ranger Condon was cruising up the southeast arm of Yellowstone lake in a ranger patrol boat when he saw an object in the water ahead of him. As he approached the spot, he made out the outline of the channel-swimming brown bear headed for the opposite shore.

It is common knowledge that bears can swim, but Ranger Condon hardly expected to see one a mile and a half from shore with another mile and a half to his destination. Upon seeing the boat Mr. Bruin wheeled and headed back to his point of departure, his lengthy pull having served only as exercise.

-oOo-

S.M.

PRESS MEMORANDUM
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1937 - 19

Yellowstone Park, Wyoming, July _____. Consternation swept the Canyon district ranger headquarters in Yellowstone National Park this week. One of the chief duties of the rangers in this district is to stage the nightly bear feeding show; so the information desk is accustomed to answering all sorts of queries on grizzly bears and their habits. But the man at the desk was floored when a lady asked where she could see the talking bear. She had seen a sign reading, "Bear talk, 7:30 o'clock."

-oOo-

S.M.



UNITED STATES
DEPARTMENT OF THE INTERIOR
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Yellowstone Park, Wyoming

PRESS MEMORANDUM
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1937 - 20

Yellowstone Park, Wyoming, July ____ . Yellowstone lake, largest body of water at its altitude on the North American continent, is now receiving a thorough charting at the hands of the Yellowstone National Park ranger force.

With the addition of two new patrol boats which are scheduled to make regular runs on the lake's 139 square mile area, it has become necessary to have accurate soundings on all of the many bays and inlets in the body of water.

The maximum depth of the lake has been measured to approximately 330 feet in the West Thumb, but no complete soundings have ever been taken throughout the remainder of the area.

When the work is completed, a process which is expected to take much of the summer, a map will be available containing information on the entire lake. With the aid of the new chart the patrol boats will be better able to protect the lakeside forests and maintain fire and fishing regulations.

The patrol boats, designated as Park Service No. 1 and No. 2, are docked at the bureau of fisheries station near the Lake hotel. They are manned by rangers from the Lake station under the direction of Lake district ranger, David Condon.

One of the boats was received as surplus from the bureau of internal revenue and the other from the department of soil conservation. They were put in use for the first time this summer.



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1937 - 21

Yellowstone Park, Wyoming, July _____. Careless feeding of roadside bears during July has lead to a definite increase in the number of injuries reported to the Superintendent's office in Yellowstone National Park, according to statistics compiled by park authorities covering the first few days of the month.

Visitors to the park are showing a tendency to fraternize too closely with the friendly, food-seeking bruins, the report indicates. A total of 13 cases have been reported to authorities, the same number as reported through July 15 in 1936, but in 1937 the first 10 days of July contributed five whereas there were only two last year in the first 15.

Rangers are constantly reminding the visiting public that a bear is a wild animal and not a pet, and must be treated accordingly. They are careful to point out that all bear feeding is prohibited and there should be no offer of food from the hand as the bear's friendly disposition apparently disarms the motorists and trouble follows.

All the bears seen along the roadsides in the park are of the black species, in three colors, black, brown, and cinnamon, park officials declare, and are not dangerous unless molested. When food is proffered them from the hand, however, they will grab with their sharp teeth or swing their powerful paws in which case the injury results. The grizzlies, possessed of meaner dispositions, are seldom seen along the roads as they prefer the uninhabitated forested regions.

No injuries have ever been reported, rangers declare, when persons have been careful to maintain proper distances.



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PRESS MEMORANDUM
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1937 - 22

Yellowstone Park, Wyoming, July ____ . Although the fire hazard in Yellowstone National Park's thousands of forested acres is running considerably below 1936, rangers in charge of fire protection are busy this week conducting experiments and testing new equipment in anticipation of the hotter and dryer days yet to come.

By setting off smudge pots in various parts of the park, George Walker, assistant chief ranger in charge of fire protection, is testing the efficiency of the various lookouts in the area. The experiment is an innovation this year.

Through the use of instruments checking wind velocity, visibility, relative humidity, and fuel moisture content the officials are noting the class of fire danger each day. So far the reports indicate that the forests are at least one class safer in 1937 than they were in 1936.

In an effort to increase the protection a new primary lookout will be constructed during the summer at Pelican Cone in the east central section of the park. A secondary lookout in the Bechler river district will be completed soon.

There are now three primary lookouts: atop Mt. Washburn, Mt. Holmes, and Mt. Sheridan; and three secondary points located on Bunsen peak, at West Yellowstone, and at Snake river. Short wave station KNJB, operated by the park service keeps in constant touch with all the park's fire observers.

Previous to July 12 only six very minor blazes had been reported in the park.



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1937 - 23

Yellowstone Park, Wyoming, July ____ . Travel in Yellowstone National Park continued its march toward a new all-time high this week as the July mid-monthly report from the Superintendent's Office showed an 8.8 per cent gain over 1936 in the number of visitors entering the gates.

The increase had slumped slightly since July 1 when a jump of 12.4 per cent over the 1936 record was reported but indications are that the present lead will be maintained.

A total of 188,868 persons had registered at the five gates on July 17 whereas on the same date in 1936 permits had been issued to 173,605. At the close of the 1936 season the total read 432,570 which would indicate that almost half a million persons will visit Yellowstone this year, the superintendent reports.

Most noticeable change on the report was the rapid gain of the two-year-old northeast portal. Starting the season in last place in percentage of gain among the five gates the Cooke entrance now leads all with a 19.4 per cent increase. The south gate follows with 10 per cent.

Continuing as the most popular point of entry is West Yellowstone where 62,593 visitors had registered. The east gate is second with its total of 56,642, and Gardiner third with 32,352.

Rail traffic is slightly ahead of 1936, 5944 persons having traveled to the park by train in 1937 as contrasted with 5862 in 1936.



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1937 - 24

Yellowstone Park, Wyoming, July _____. Visitors in Yellowstone National Park this summer are being treated to the unusual spectacle of large numbers of wild animals grazing near the highways, according to reports from motorists.

It is a common occurrence to see a bull moose standing stoically within a few hundred feet of the road. Several instances of cow moose with their calves within plain sight have been reported. Autoists indicate that the impassive animals make excellent photographic subjects.

Although elk are reputedly much more rare at the roadside levels, several herds have been reported in park meadows. Much more timid than the larger moose they are not as easily pictured.

Most rarely seen of all the wildlife in the park are the 350 mountain sheep, most of which remain on the slopes on Mt. Washburn. Almost all parties taking the mountain peak trail report seeing some of the species on the trip.

Although deer remain largely in the wooded areas, antelope are quite common, particularly near the north entrance. Buffalo are plainly visible in their special show enclosure near the Dunraven pass road.

Evening game stalks under the direction of ranger-naturalists are achieving considerable popularity because of their success in spotting an abundance of wildlife, park authorities report.



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PRESS MEMORANDUM
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1937 - 25

Yellowstone Park, Wyoming, July ____ . More than 500 varieties of flowering plants, all blossoming at the present time in Yellowstone National Park, are staging one of the most colorful shows available to American travelers, according to Dr. C. Max Bauer, park naturalist.

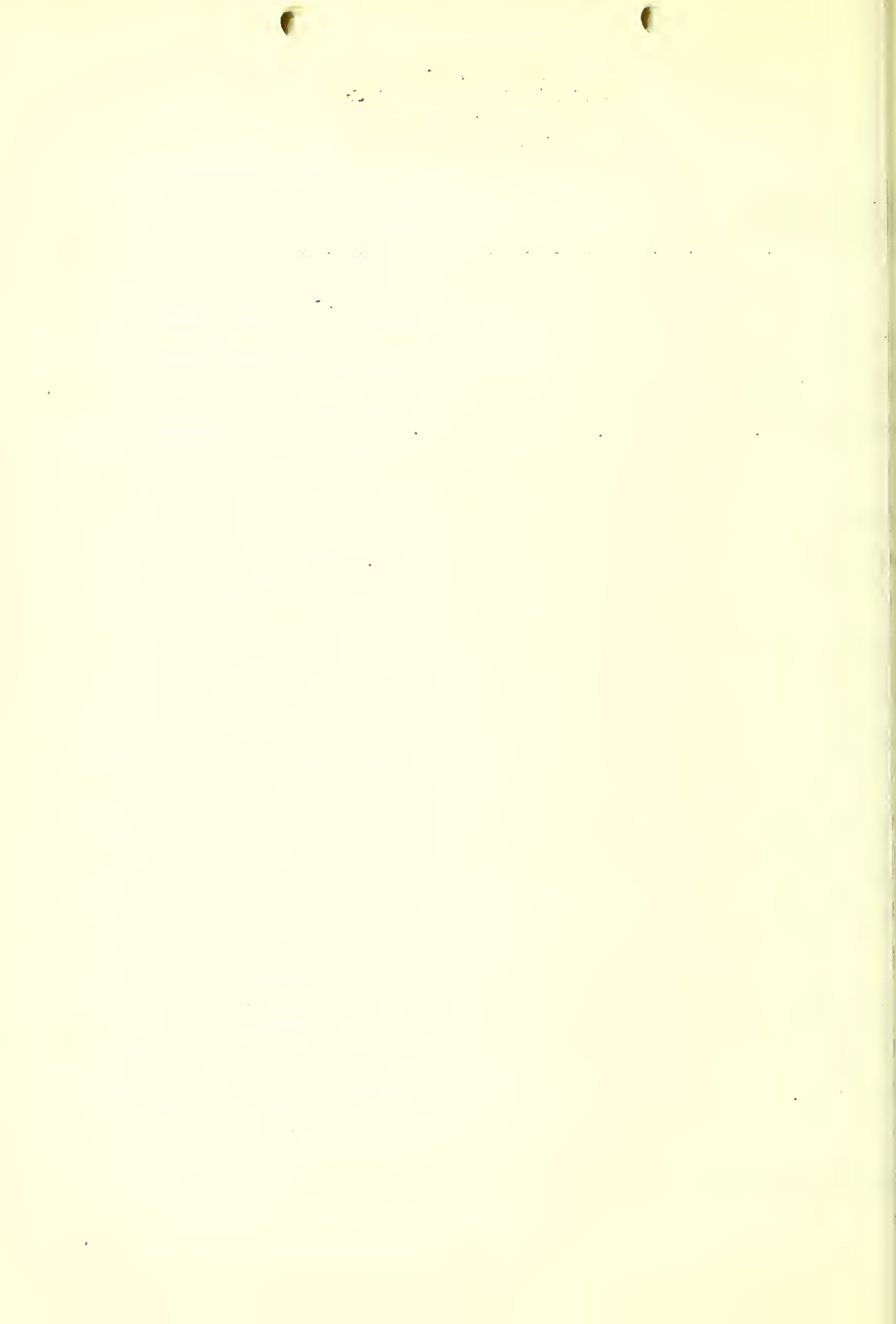
With better growing conditions this year than in several previous seasons the brilliantly hued flowers are blooming in much greater numbers than for some time past, Dr. Bauer reports.

Particularly spectacular are the flaming red and pink fireweed and the vivid blue pentstemon, found in all parts of the more than 2,000,000 acre park. Motorists along the Dunraven pass road report seeing an abundance of red monkey flowers, harebells, and bright blue polemonium.

The plants have hit their peak of color and numbers within the last week, Dr. Bauer reports, but because later flowers will take the place of those dying out the colorful exhibition will remain at its best until about September 1.

The 500 species in full bloom at present are only a part of approximately 1150 flowering plants which grow in Yellowstone. Because of different maturation seasons about 500 is the maximum that can be seen in bloom at one time.

Motorists in the park this week report the meadows and mountain sides virtually blanketed with dozens of different species.



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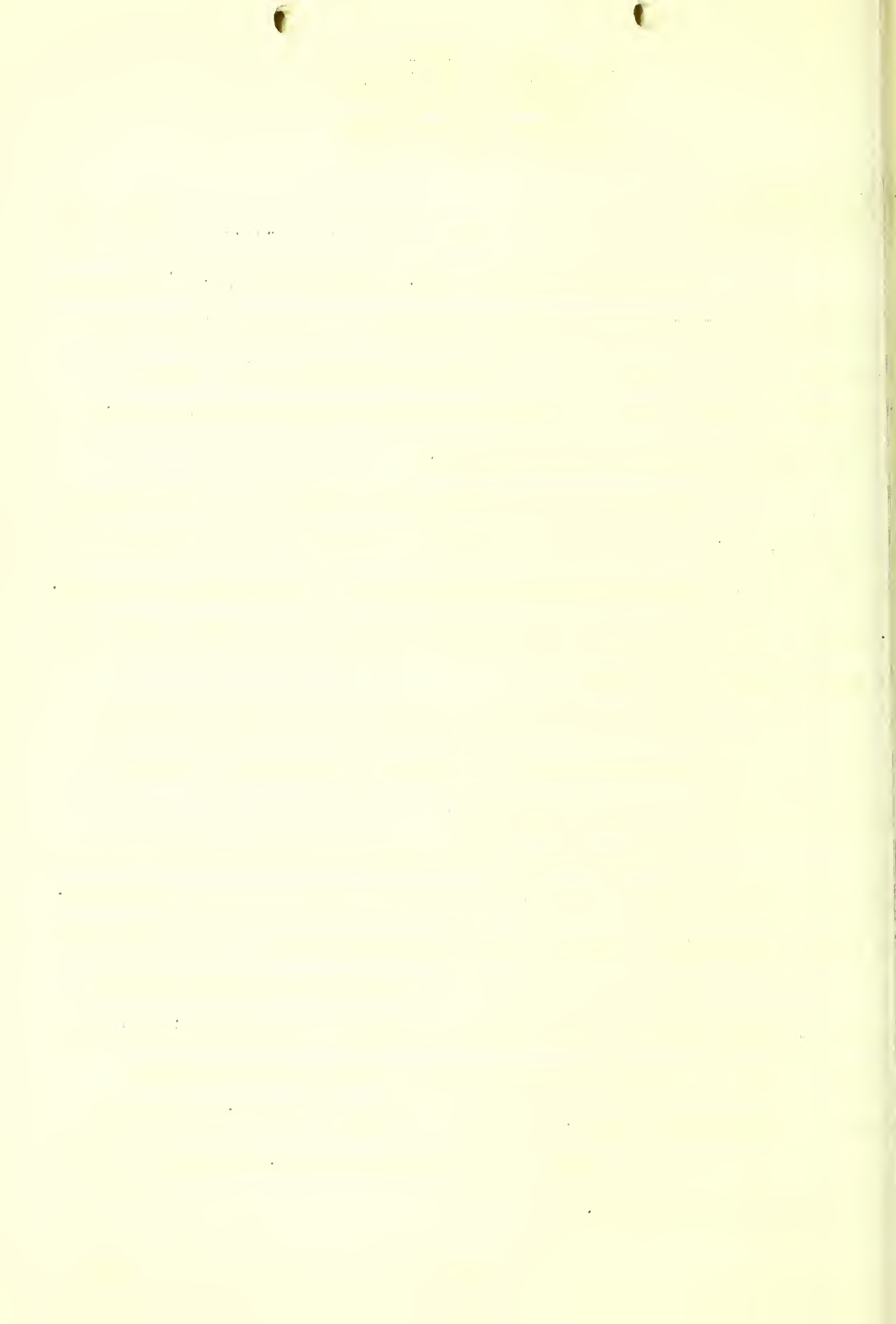
Yellowstone National Park, Wyoming, July ____ . Constructed of 15 types of wood from nine different countries, a large map of the United States built into the wall of the new Mammoth Hot Springs hotel lounge in Yellowstone National Park is beginning to attract considerable attention this week as building operations near completion.

The map is 17 feet wide and 10 feet high. It was shipped from Seattle, where it was designed by Robert C. Reamer, Seattle architect, in six sections and assembled at Mammoth Hot Springs as it was framed on the wall. Mr. Reamer originally achieved fame with the designing of the Old Faithful Inn and Canyon hotels in the park.

There are 2544 pieces of wood in the plaque which had to be joined in the construction process. Because of the variety of colors of wood each state is easily distinguishable.

Principal cities of the nation are plainly marked as are the more widely used automobile routes. All national parks are clearly indicated. The Atlantic and Pacific oceans, done in African zebra wood, stand out vividly.

Included in the map are lacewood and oriental wood from Australia; satin wood from Central America; mahogany from Honduras; oak, grey hairwood and white hairwood from England; burl redwood from California; Brazilian rosewood from Brazil; East Indian rosewood from East India; teak from India; zebra wood from Africa and slash grain walnut, straight walnut and maple from the United States.



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1937 - 27

Yellowstone Park, Wyoming, July _____. Yellowstone lake, Yellowstone National Park's largest body of water, is 57 feet higher at its center than at its shorelines, according to statistics reported by the Superintendent's Office.

Ranger naturalists, aware of the effect of the curvature of the earth, were interested in determining exactly how high the center of the lake would be above a straight line drawn from shore to shore. Using the best instruments available they arrived at the 57 foot figure.

Because of the earth's curvature the altitude, 7731 feet above sea level, does not vary, the distance from the center of the earth being the same at all points. The variation in height above a shore to shore line is due to the lake's size, 25 miles in length and an area of 139 square miles.

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S.M.

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PRESS MEMORANDUM
Release on Receipt

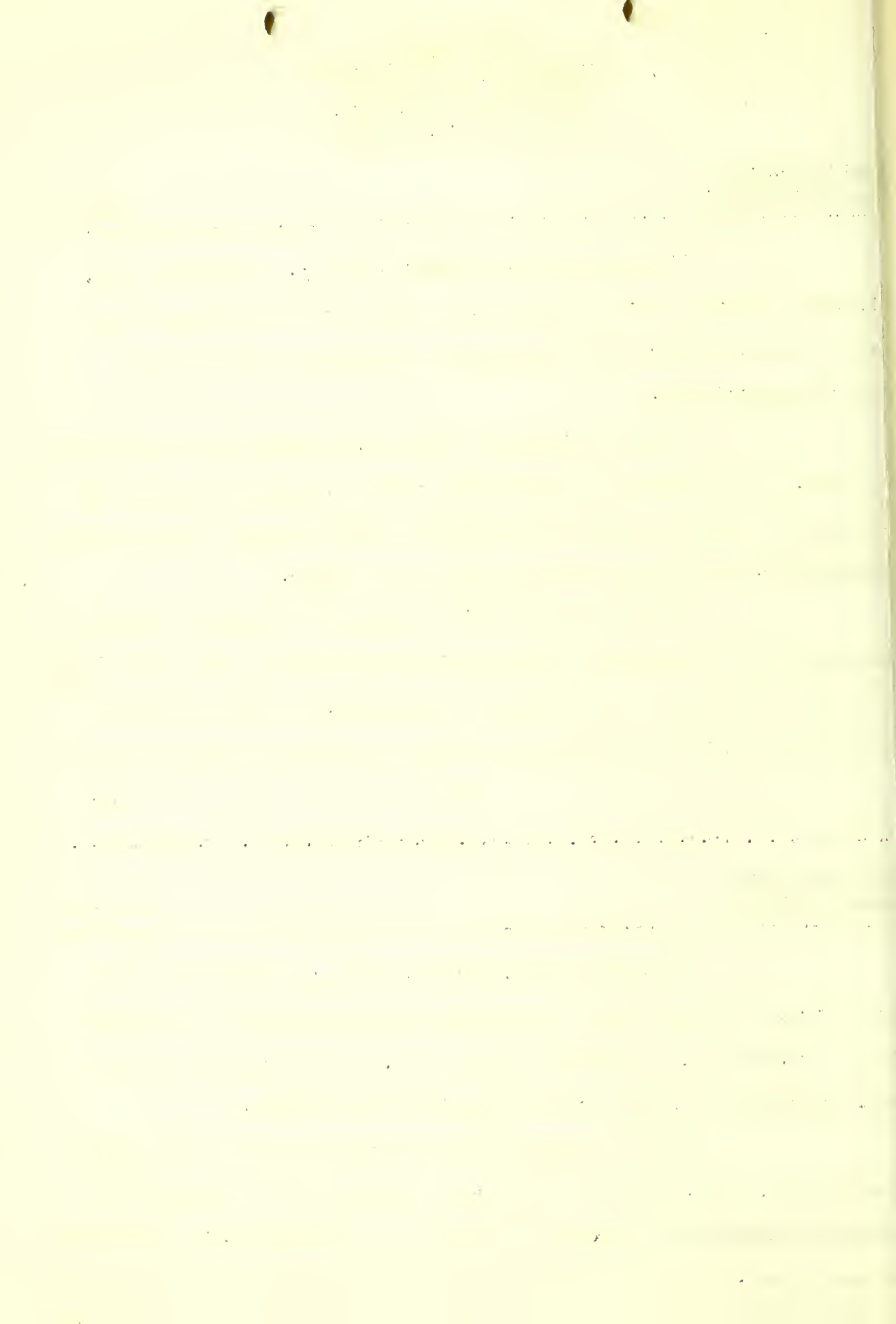
1937 - 28

Yellowstone Park, Wyoming, July _____. Replacing the old north entrance checking station which burned down last winter a new building at the Gardiner gate, Yellowstone National Park, will be occupied early next week, according to a report from the Superintendent's Office.

The new station, being constructed near the famous north entrance arch, will be suitable for all-year occupancy as the highway from Gardiner to Mammoth Hot Springs is the only one in the park which is kept open the year around.

-oOo-

S.M.



UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming

PRESS MEMORANDUM
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1937 - 29

Yellowstone Park, Wyoming, July ____ . With more than 2,000,000 acres of woodland from which to choose, birds in Yellowstone national park are selecting strange places to nest, park ranger naturalists report.

A robin in the Old Faithful area disdainfully passed up the thick stand of lodgepole pines and decided to make its home in a buffalo skull hanging in the museum. A white-crowned sparrow in the same vicinity decided that the ground in the museum amphitheater would be the ideal location for her offspring. She reared one brood there, decided that the location was too public and moved into a tree for her second family.

Desiring complete privacy in a one-family cottage another robin chose a convenient location behind a transom in the home of the assistant to the park superintendent, for her two families of four each while still another robin has chosen the superintendent's home as being suitable environment for raising a family.

At the Old Faithful museum the housing problem was reported as being acute, all apartments in the many bird houses being full. Mountain chickadees, bluebirds, tree swallows, white-crowned sparrows, and robins all live in the same block of houses.

Two hundred sixteen species of birds make their homes in the park, coming from the Gulf of Mexico, the south Pacific coast, and the north Pacific coast. Among the rarer species in Yellowstone are trumpeter swans, which are nearing extinction, and sand hill cranes. Ranger naturalists are able to point out dozens of species on nature walks which they conduct for the benefit of park visitors.



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Yellowstone Park, Wyoming

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Yellowstone Park, Wyoming, July _____. All sections of Yellowstone national park will be in close communication at all times when short wave radio equipment now ordered or contemplated is received and installed, according to superintendent Edmund B. Rogers.

The park now operates station KNJB at Mammoth Hot Springs with a sub-station at the Lake ranger station and portable sets in one of the four patrol cars and at the East, South, West, and Gallatin gateways, and in the Bechler river area.

Orders are now being filled for three additional portable sets for the patrol cars now without equipment. They will be installed immediately upon arrival.

Seven additional portables are enroute to the park for installation in ranger stations and at fire lookouts. When the system is completed there will be a total of 12 in operation at the stations and four in the cars.

Although no definite plans have been made, superintendent Rogers reports that sub-stations may soon be established in the Bechler river area and at the Big Hole battlefield. A sub-station has been in operation at Peale island in Yellowstone lake during the fish take which was recently completed.

When the system is completed, the park will have one of the most complete tie-ups in operation in any similar area. It is expected to facilitate fire protection and give the greatest possible aid to park visitors.

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UNITED STATES
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1937 - 31

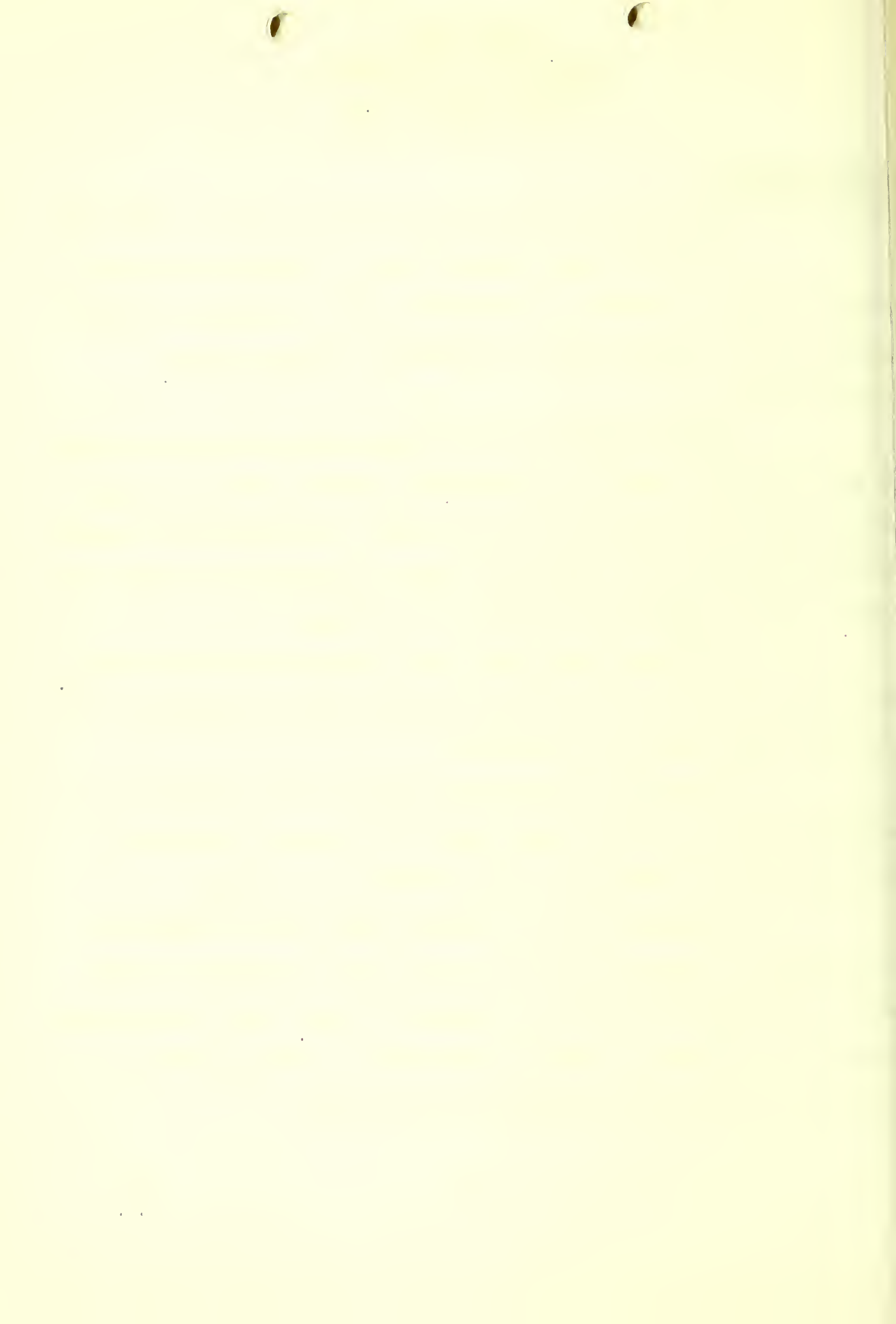
Yellowstone Park, Wyoming, July ____ . Several new construction projects designed to increase the comfort and safety of Yellowstone national park visitors are nearing completion, according to Edmund B. Rogers, superintendent.

Already finished is the new water supply system at Old Faithful which cost \$140,000. Water is now being taken from the Firehole river above Kepler cascades and piped down to the settlement. The superintendent declares that the completion of the project will insure an adequate water supply at all times. The fire hazard will be reduced to the minimum.

At Fishing Bridge work is also in progress on the water supply. With the construction of the new fishing bridge it has been necessary to lay 532 feet of pipe under the new structure.

Additional major construction projects now in progress are the completion of the new fishing bridge across the Yellowstone river and the building of the new-two-way road from Old Faithful to West Thumb.

The contract on the new fishing bridge calls for completion before August 13. Traffic will begin to move on the new structure on about August 1, however, according to the contractor's report. The opening has been delayed for two weeks by a shortage of materials. No two-way travel will be possible on the new Old Faithful-Thumb road this summer.



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Yellowstone Park, Wyoming, July _____. Visitors at the Canyon hotel in Yellowstone national park report an unusual wildlife show within a few hundred yards of the hotel this week.

Five blacktail deer are constantly seen grazing on the grassy slopes in front of the hotel. All are bucks with unusual displays of antlers. Apparently oblivious of the heavy bus and automobile traffic on the road they return day after day. Hundreds of amateur photographers have stalked them down but the bucks continue to take up their station.

Many elk and moose have been reported by visitors in the Canyon area to be grazing near the roadsides but none so close as the five deer.

-oOo-

S.M.

PRESS MEMORANDUM
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1937 - 33

Yellowstone Park, Wyoming, July _____. The romance in the air which is said to permeate Yellowstone national park is not failing the park's employes this summer.

Dr. Alfred Russel Oliver, park ranger naturalist, arrived in Yellowstone June 16; met Catherine Dragon, an employe of the Yellowstone Park Company during the next week; married the same Catherine Dragon at Livingston, Montana one month later. Authorities report that the occurrence is not unusual in the playground's rarified atmosphere.

Dr. Oliver, who received his Ph. D. degree from Clark university in Worcester, Massachusetts in June, is assistant professor of geography and geology at the University of North Dakota. Mrs. Oliver's home is in Minneapolis.

-oOo-

S.M.

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY
5780 SOUTH CAMPUS DRIVE
CHICAGO, ILLINOIS 60637

1964

Dear Mr. [Name]:

I have received your letter of [Date] regarding [Subject].

The information you provided is being reviewed.

I will contact you again once a decision has been reached.

Very truly yours,

[Name]

[Faint, mostly illegible text, possibly a second page or a very faded copy of the first page.]

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming

PRESS MEMORANDUM
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1937 - 34

Yellowstone Park, Wyoming, July _____. With the recent publication in sheet music form of Yellowstone national park's hit tune, "Yellowstone," by Gene Quaw, the park now has its theme song. Visitors have heard the tune played and sung nightly for several years but were unable to take copies with them until they were placed on sale in the park recently.

Quaw directs the Canyon hotel orchestra which has achieved considerable popularity with visitors during the summer. During the winter he and his band headquarter in the Los Angeles vicinity.

-oOo-

S.M.

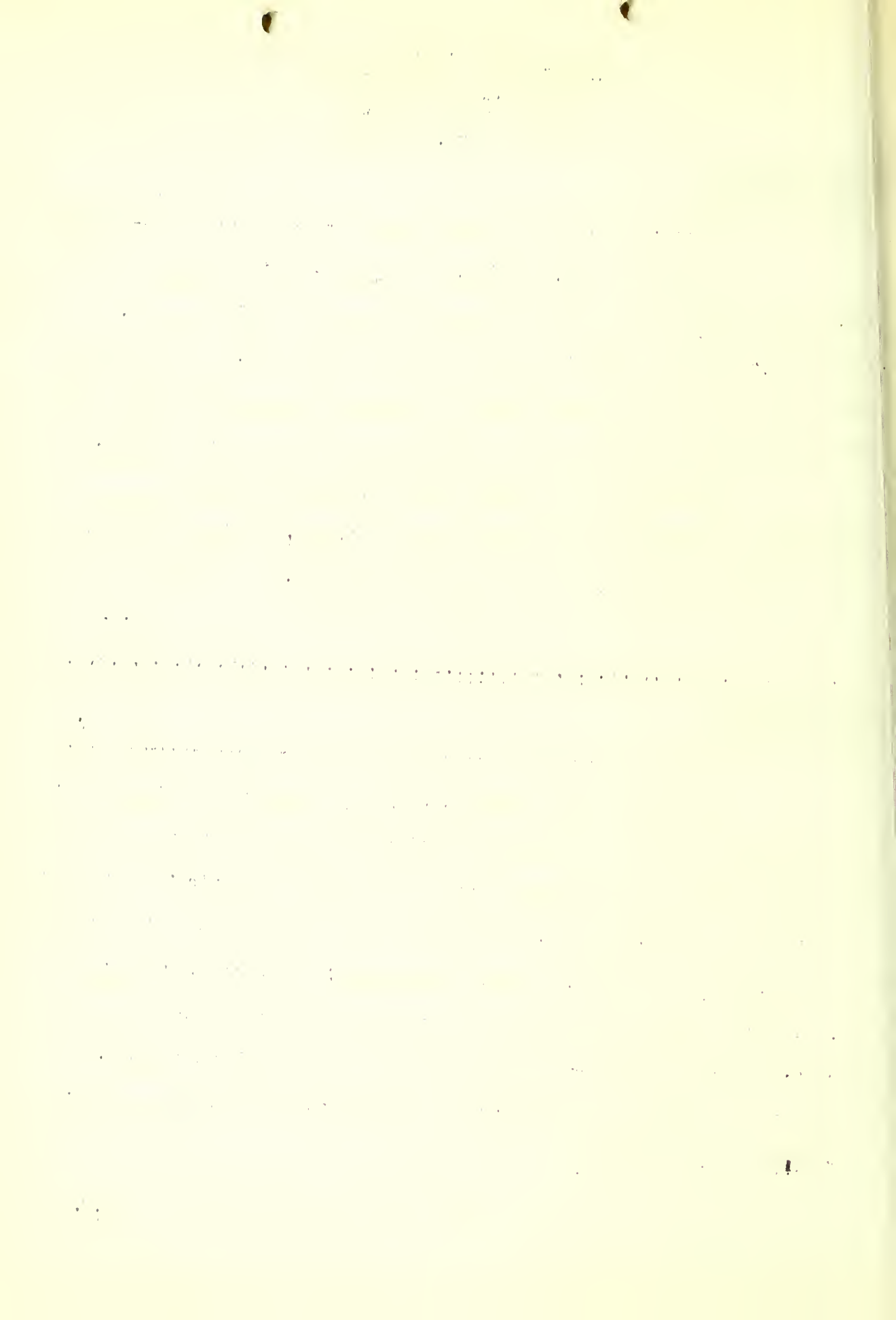
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1937 - 35

Yellowstone Park, Wyoming, July _____. Ranger Lloyd Sweetman of the Old Faithful station in Yellowstone national park had the surprise of his life recently while he was showing a group of visitors a bluebird's nest built in a cavity in a lodgepole pine. He reached into the home to see if he could get the mother bird to show her head, but Sweetman's hand came back with a jerk. A female squirrel had moved in to raise her family and she was not interested in having Sweetman interfere while she was feeding her young. Sweetman is now nursing a sore finger and wondering what the squirrel did to his family of pet bluebirds.

-oOo-

S.M.



UNITED STATES)
DEPARTMENT OF THE INTERIOR
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PRESS MEMORANDUM
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1937 - 36

Yellowstone Park, Wyoming, July _____. With the completion next week of a new 60-foot fire lookout tower in the Bechler river area, Civilian Conservation Corps boys in Yellowstone national park will begin work on a new major project, the construction of a masonry dam at the Fish lake egg taking station, officials report.

Work has been progressing throughout the summer on the Bechler lookout with 10 boys from the Nez Perce camp near Old Faithful on the job. They have been located in a forest service camp while on duty.

The new dam at Fish lake will replace a beaver dam which is no longer occupied by beaver. As the lake is used for raising rainbow trout for egg taking purposes officials consider it imperative that the new dam be constructed immediately to preserve the fish supply. The structure will be 14 feet high and 48 feet long.

The largest individual project on which CCC boys are now working is the construction of the last link in the park's communication system, a telephone line from Bozeman to West Yellowstone.

Boys from the Yellowstone camps are in charge of building the 30 miles which are within the park's boundaries and the remainder of the 90-mile line will be erected by crews from the camps in the Gallatin national forest, northwest of the park.

A side camp will begin work immediately on a new comfort station at Tower Falls and crews are already supplying the Cooke ranger station with a new water supply. The project will be completed about September 15, according to officials in charge.

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411
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DEPARTMENT OF THE INTERIOR
National Park Service
Yellowstone National Park

1937 Comparative Travel Figures with 1936 and 1935
Season Through July 15, 1937

ENTRANCE	Rail (People)			Motor		Misc.	Total
	Hotels	Lodges	Total	Cars	People	People	People
North	1184	482	1666	9995	29515	95	31276
West	2340	363	*2703	16715	56842	29	59574
East	816	134	950	16426	52730	14	53694
South	13	11	24	5641	18357	1117	19498
Northeast	197	14	211	4476	15055	28	15294
TOTALS	4550	1004	5554	53253	172499	1283	179336

1936

North	1149	403	1552	10158	29222	156	30930
West	2268	689	**2957	15240	51705	1	54663
East	836	208	1044	14720	47555	33	48632
South	12	1	13	5301	17503	127	17643
Northeast				3830	13113	1	13114
TOTALS	4265	1301	5566	49249	159096	318	164982

1935

North	331	1217	1548	7261	22303	172	24023
West	880	1249	***2129	10336	34759	48	36936
East	328	590	918	11554	37032	18	37968
South	11	2	13	3020	9805	13	9831
Northeast				366	1322		1322
TOTALS	1550	3058	4608	32537	105221	251	110080

TRAVEL NOTES

A new three-day travel record was made when a total of 28,270 people entered the five main park gateways and Bechler River District July 3,4, and 5, 1937, as compared with 25,815 visitors that entered July 3, 4, and 5, 1936.

An all time record for any one week was made the week ending July 4, when 37,431 people entered by private cars, 1,234 by train, and 32 by miscellaneous ways, a total of 38,697 people. The record week in 1936 ended on July 25, when 34,951 people entered by private cars, 2,264 by train, and 19 by miscellaneous ways, a total of 37,234. The gain over 1936 is 1,463 visitors.

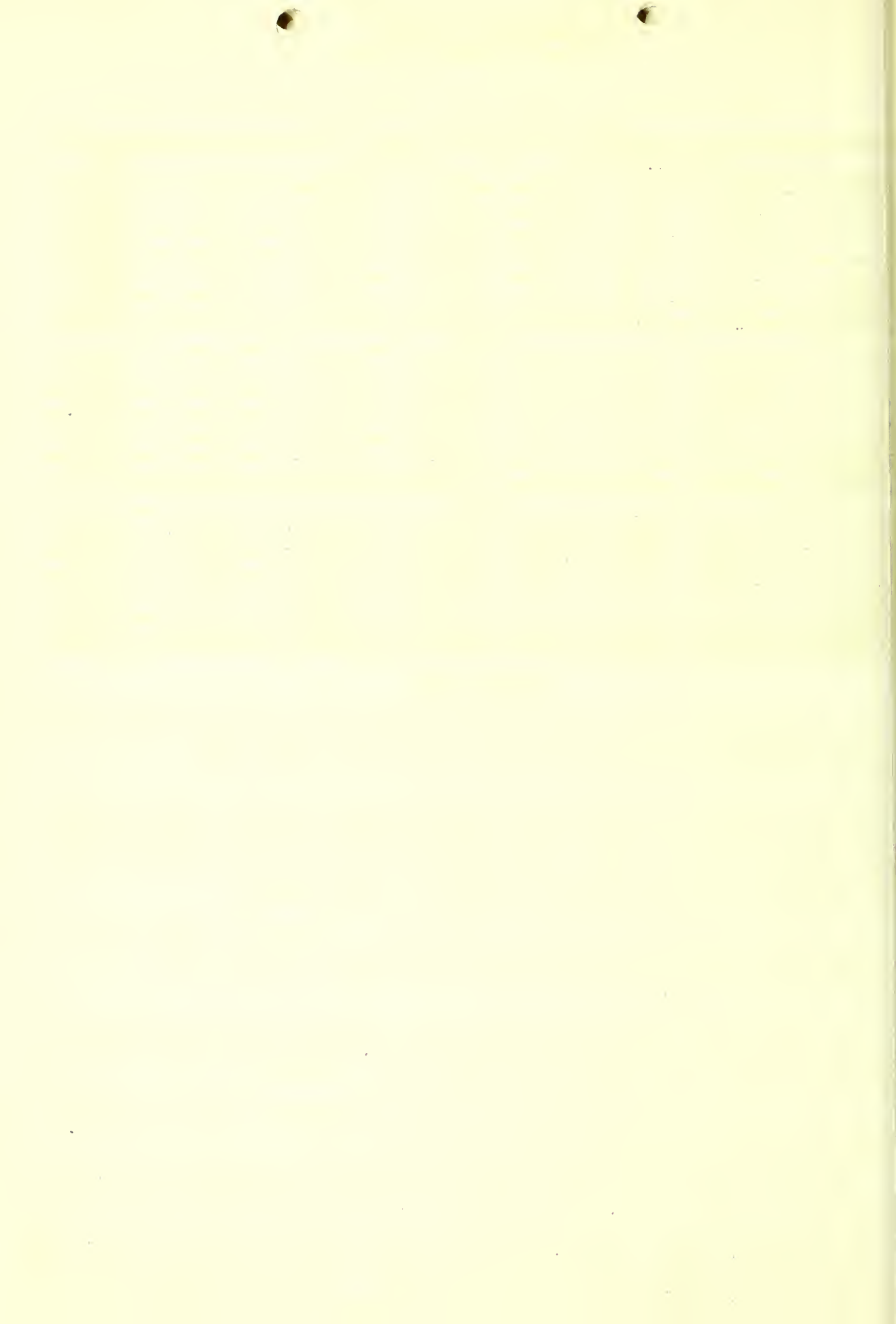
The travel for July 4, 1937 was 12,447 people, traveling in 3,330 cars, as compared with 13,141 visitors traveling in 3,459 cars on July 4, 1936, a loss of 694 people and 129 cars.

The average daily travel for July to date is 5,615 people and 1,575 cars, as compared with 5,630 people and 1,477 cars for 1936. This is an average daily gain of 255 people and 98 cars and an average daily increase of 4.8% in visitors.

During the first fifteen days of this month 32,884 fish have been reported caught, as compared with 27,245 fish reported last year, an increase of 5,639.

The total number of visitors to date is 179,336, as compared with 164,982 for 1936, an increase of 14,354 visitors, or 8.7% lead over last year.

* Union Pacific, 2379; C.M. St.P. and P., 324; Northern Pacific, 0; Total, 2703
 ** " " , 2432; " " " " , 519; " " , 6; " , 2957
 *** " " , 1914; " " " " , 194; " " , 21; " , 2129





STATEMENT SHOWING YELLOWSTONE NATIONAL PARK AUTOMOBILE TRAVEL BY STATES
Season through July 31, 1937

STATES	NORTH		WEST		EAST		SOUTH		N-EAST		TOTAL	
	Cars	Pass.	Cars	Pass.	Cars	Pass.	Cars	Pass.	Cars	Pass.	Cars	Pass.
Alabama	5	20	28	103	22	103	13	46	1	4	69	276
Arizona	45	128	177	553	57	163	60	188	13	34	352	1066
Arkansas	14	45	49	178	71	267	25	88	3	14	162	592
California	766	2162	3984	11733	1725	4814	1258	3662	531	1518	8264	23889
Colorado	177	491	319	985	911	2857	541	1656	65	213	2013	6202
Connecticut	13	33	60	167	119	338	19	53	23	74	234	665
Delaware	3	8	5	15	8	21	7	26	2	8	25	78
Dist of Col.	39	115	81	239	150	435	44	116	23	69	337	974
Florida	30	92	113	353	98	308	28	82	12	36	281	871
Georgia	18	56	61	188	45	149	16	57	7	26	147	476
Idaho	160	532	2896	12091	132	426	557	2384	48	159	3793	15592
Illinois	331	1037	770	2531	2832	9205	579	1921	463	1556	4975	16250
Indiana	99	322	257	897	593	2001	159	496	94	323	1202	4039
Iowa	161	554	321	1094	939	3210	194	637	140	500	1755	5995
Kansas	80	262	236	835	680	2334	332	1129	39	154	1367	4714
Kentucky	11	34	57	227	80	282	33	96	8	31	189	670
Louisiana	14	42	54	196	64	230	24	95	4	20	160	583
Maine	6	20	15	47	13	33	5	15	1	4	40	119
Maryland	19	59	53	174	102	325	22	78	13	40	209	676
Massachusetts	37	109	106	291	177	516	46	151	40	128	406	1195
Michigan	180	567	348	1088	964	2994	207	638	211	697	1910	5934
Minnesota	446	1434	538	1832	1110	3659	101	319	561	1891	2756	9135
Mississippi	4	15	26	94	21	103	9	31	1	4	61	247
Missouri	105	345	321	1090	778	2551	294	1012	70	222	1568	5220
Montana	3067	9418	2559	9122	586	1969	139	429	1804	6469	8155	27407
Nebraska	124	375	203	677	834	2854	292	993	75	266	1528	5165
Nevada	20	53	171	559	27	84	39	112	6	19	263	827
N. Hampshire	5	13	10	29	13	30	9	22	7	22	44	116
New Jersey	48	142	136	401	265	816	72	203	40	149	561	1711
New Mexico	16	46	85	277	76	236	34	99	9	23	220	681
New York	138	384	431	1227	864	2540	202	588	180	560	1815	5299
N. Carolina	15	53	48	188	35	190	6	23	3	11	107	465
N. Dakota	279	1081	315	1220	223	832	35	120	365	1373	1217	4626
Ohio	157	478	443	1425	939	3047	212	649	125	440	1876	6039
Oklahoma	59	189	201	717	409	1463	234	793	25	79	928	3241
Oregon	218	590	529	1619	357	1054	145	482	94	301	1343	4046
Pennsylvania	90	277	336	1145	529	1661	108	337	95	319	1158	3739
Rhode Island	4	10	13	31	22	67	7	19	3	9	49	136
S. Carolina	9	34	20	75	11	33	4	16	2	5	46	163
S. Dakota	124	440	178	665	463	1618	51	171	96	333	912	3227
Tennessee	14	42	66	242	63	218	25	94	10	32	178	628
Texas	98	318	399	1386	694	2474	336	1183	25	85	1552	5446
Utah	106	315	2633	10569	71	222	433	1661	21	63	3264	12830
Vermont	4	15	5	16	12	36	2	8	4	12	27	87
Virginia	15	45	55	198	74	232	16	48	9	32	169	555
Washington	740	2260	1054	3308	687	1984	211	626	246	788	2938	8966
W. Virginia	10	34	45	164	46	147	11	38	15	45	127	428
Wisconsin	185	614	300	1014	929	3084	112	387	212	847	1768	5916
Wyoming	147	401	242	800	2257	8029	896	3208	343	1292	3885	13730
Alaska	-	-	5	11	3	8	3	7	1	2	12	28
Argentina	1	2	-	-	2	4	-	-	-	-	3	6
Australia	-	-	2	6	1	2	-	-	-	-	3	8
Canada	271	927	328	1123	219	684	39	123	159	586	1016	3443
Canal Zone	3	9	9	22	8	25	4	15	1	6	25	77
China	-	-	-	-	-	-	1	2	-	-	1	2
England	1	2	2	4	6	12	-	-	-	-	9	18
Germany	-	-	-	-	-	-	1	2	-	-	1	2
Hawaii	10	34	15	48	38	113	12	35	7	14	82	244
Mexico	1	4	1	2	-	-	1	5	-	-	3	11
New Zealand	-	-	1	4	-	-	-	-	-	-	1	4
Philippines	5	16	4	12	4	6	-	-	-	-	13	34
Rhodesia	-	-	-	-	1	1	-	-	-	-	1	1
Sweden	-	-	1	3	-	-	-	-	-	-	1	3
Un. S. Africa	1	2	-	-	1	1	-	-	-	-	2	3
West Indies	-	-	1	4	3	13	-	-	-	-	4	17
TOTAL	8748	27105	21721	75314	2463	73113	8265	27474	6585	21907	67582	224913

Cars entering second trip, unclassified by states	5424	18105
Motorcycles, unclassified by states	228	287
Pre-season travel, unclassified by states (Oct. 1 - May 14) ...	4054	11187

GRAND TOTAL ALL CARS AND PASSENGERS, classified and unclassified 77288 254492



MONTHLY METEOROLOGICAL SUMMARY

YELLOWSTONE PARK, WYO.

Month July, 1937.

Table with columns: TEMPERATURE, °F. (Maximum, Minimum, Mean, Normal mean), RELATIVE HUMIDITY (percentage) (A. M., Local noon, P. M.), PRECIPITATION (Total inches, Snowfall, inches, p. m. to p. m.), WIND (Average hourly velocity, Prevailing direction, Highest velocity, Direction), WEATHER (SUNSHINE: Total hours, Percentage of possible; Character of day), Date, River stage (feet). Rows 1-31 with daily data and summary rows at the bottom.

* 5:30 a. m. and p. m., 105 the meridian time. T indicates a trace of precipitation. ° Sunrise to sunset.

Total Degree Days: 82

SUMMARY

Barometric pressure (inches; sea level)—Mean 30.06
30.29, date 24; lowest 29.81, date 15
Temperature—Highest 86, date 21; lowest 38,
15; greatest daily range 36, date 25; least
range 12, date 6; average daily depart-
ure 1.8; average daily departure since Jan. 1 -2.2
Frosts this month since 1903; highest 92, lowest 31
Precipitation—Greatest amount in 24 hours .90
accumulated 10.53 since Jan 1
Snowfall 0; greatest 24-hour snowfall 0
Snow on ground on 15th 0; at end of 0

Wind—Highest velocity this month since 1904 41,
from SW, on 14, in 1904
Weather (number of days)—Clear 10; partly cloudy 11;
cloudy 10; with measurable precipitation 13
Miscellaneous phenomena (dates of)—Auroras 0
halos, solar 7, 12, lunar 0
hail 15, 18, 25; sleet 0
fog, dense 0, light 0
thunderstorms 5, 6, 8, 11, 12, 13, 14, 16, 18, 19,
21, 23, 25, 26, 27, 28, 30, 31
frost, light 0, heavy 0, killing 0
(Frosts not recorded in autumn after first "killing", except in Florida and along the im-
mediate coast of the Gulf of Mexico.)

MEAN TEMPERATURE THIS MONTH IN—

TOTAL PRECIPITATION THIS MONTH IN—

Table with columns: Year (1884-1896), Mean Temperature (e.g., 65.0, 57.6, 56.8, 57.2, 62.1, 55.8, 61.8, 58.3, 59.8, 61.0, 57.9, 61.8, 60.8)

Table with columns: Year (1871-1883), Total Precipitation (e.g., 63.6, 59.8, 62.5, 62.9, 60.8, 62.8, 63.6, 63.6, 61.8, 65.6, 64.0, 64.2)

Charles L. Howard

Weather Bureau.

8-1-37-75

WEATHER BUREAU

MONTHLY

METEOROLOGICAL SUMMARY

STATION

MONTH

, 19

8-1080

U. S. GOVERNMENT PRINTING OFFICE

August 1937

Report of Work
 Done by Plumbing
 Dept. During July, 1937

47 MONTHWater System

Maintaining and operating
 water system, daily patrol of
 garden and park area
 to keep trash out of streams.

Operating and maintaining one
 aerator and one chlorinator for
 Mammoth water supply.

Sewer System

Operating and maintaining
 sewer system, operating two
 chlorinators.

Tests for residual chlorine at
 several frequent intervals.



Heating System

Maintaining and putting
two oil fired central heating
plants, four gas fired
plants, four fuel oil fired
and two coal fired heating
plants.

One kitchen range repaired.

Sanitation

Hauling of garbage down
from all Gov. buildings and
operating one incinerator.

Cleaning of Bank House, Engineer
office, Administration Bldg, Janitor
Qtrs, Apartment House, main
Bldg, school house and several
cleaning waste camp and
toilets at Mammoth, Lava creek
employee camp and the terraces.



Buildings

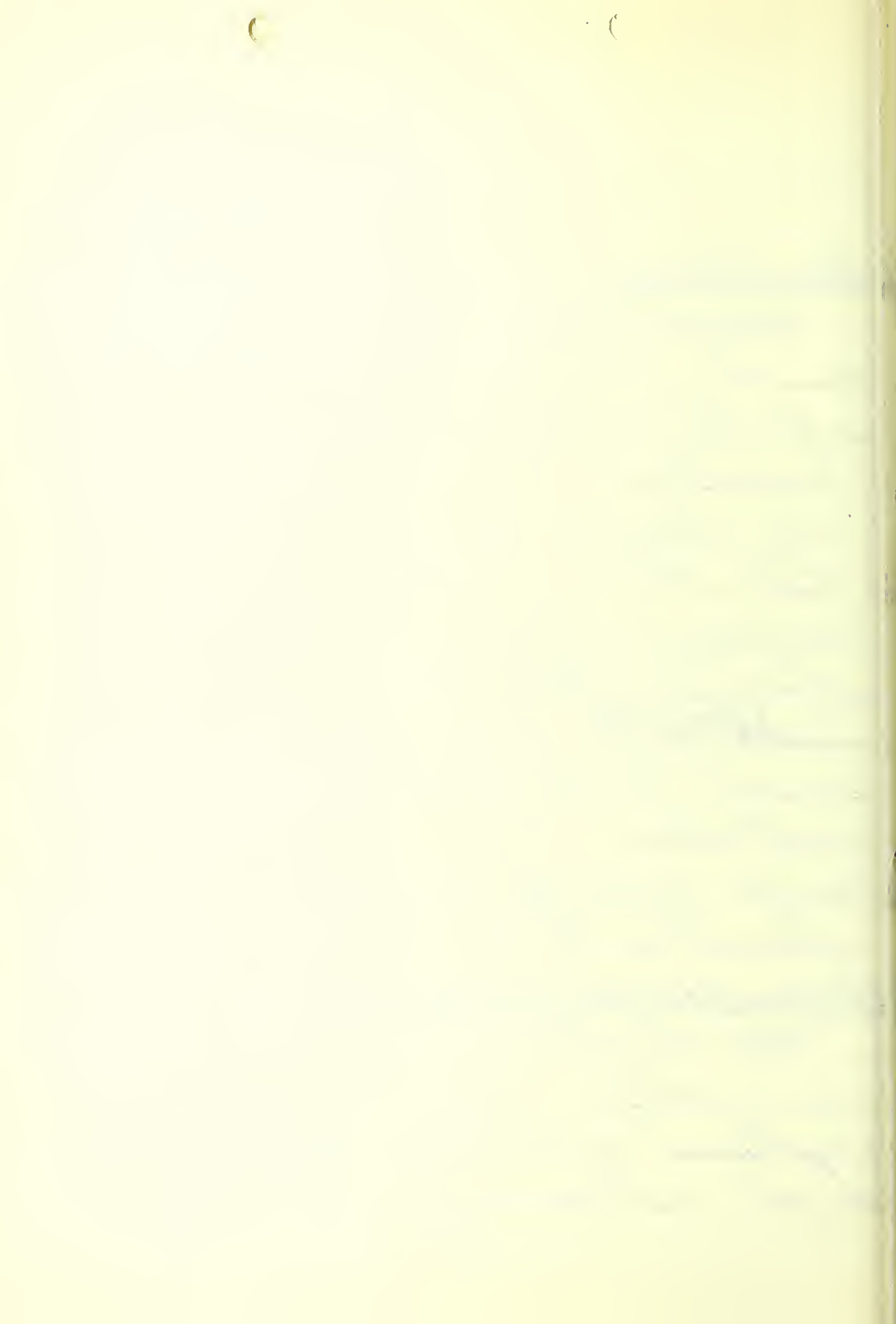
Maintaining inside plumbing
and heating and mechanical
sheet metal work.

Installed new roof and walls
in Popper Miller pt.
Put 250 tin shingles and 2/1
ridge roll on Bldg. 22.

Put 110 tin shingles on Bldg. 21.
~~Took~~ Removed old kitchen range
and hot water tank and
installed new hot water tank
and range at Judge Wiley pt.
Recharged 14 fire extinguishers.

POPOLINARUS SPRINGS

Maintaining and operating
one water system one sewer
system one comfort station
and cleaning of camp grounds.



PARRIS

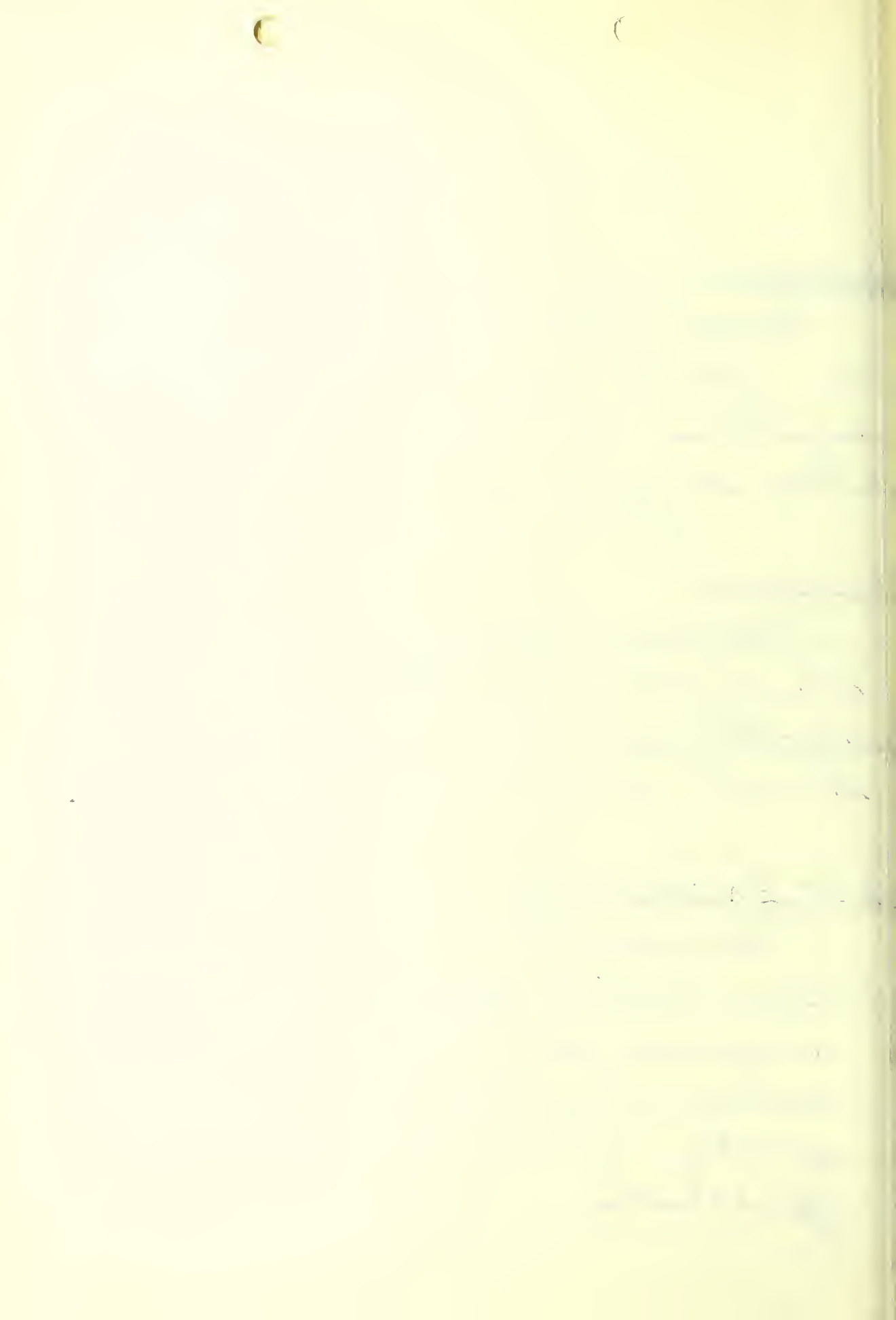
Maintaining and operating
one water system and two sewer
systems one comfort station and
cleaning of camp grounds

MADISON

Maintaining and operating
one water system, two sewer
systems, two comfort stations
and cleaning of camp grounds

WEST ENTERENCE

Maintaining and operating
one water system with gas
engine pumping plant, one
sewer system and cleaning
of dry toilets and trust camp
grounds.



W. D. FAITHFUL

Maintaining and operating two water systems, two sewer systems, four comfort stations and two chlorinators, operating two gas engines, pump.

Hauling of garbage daily.

Clearing of camp grounds and operating two garbage incinerator. Excavated and installed 1200 ft 2" water line.

WEST THUMB

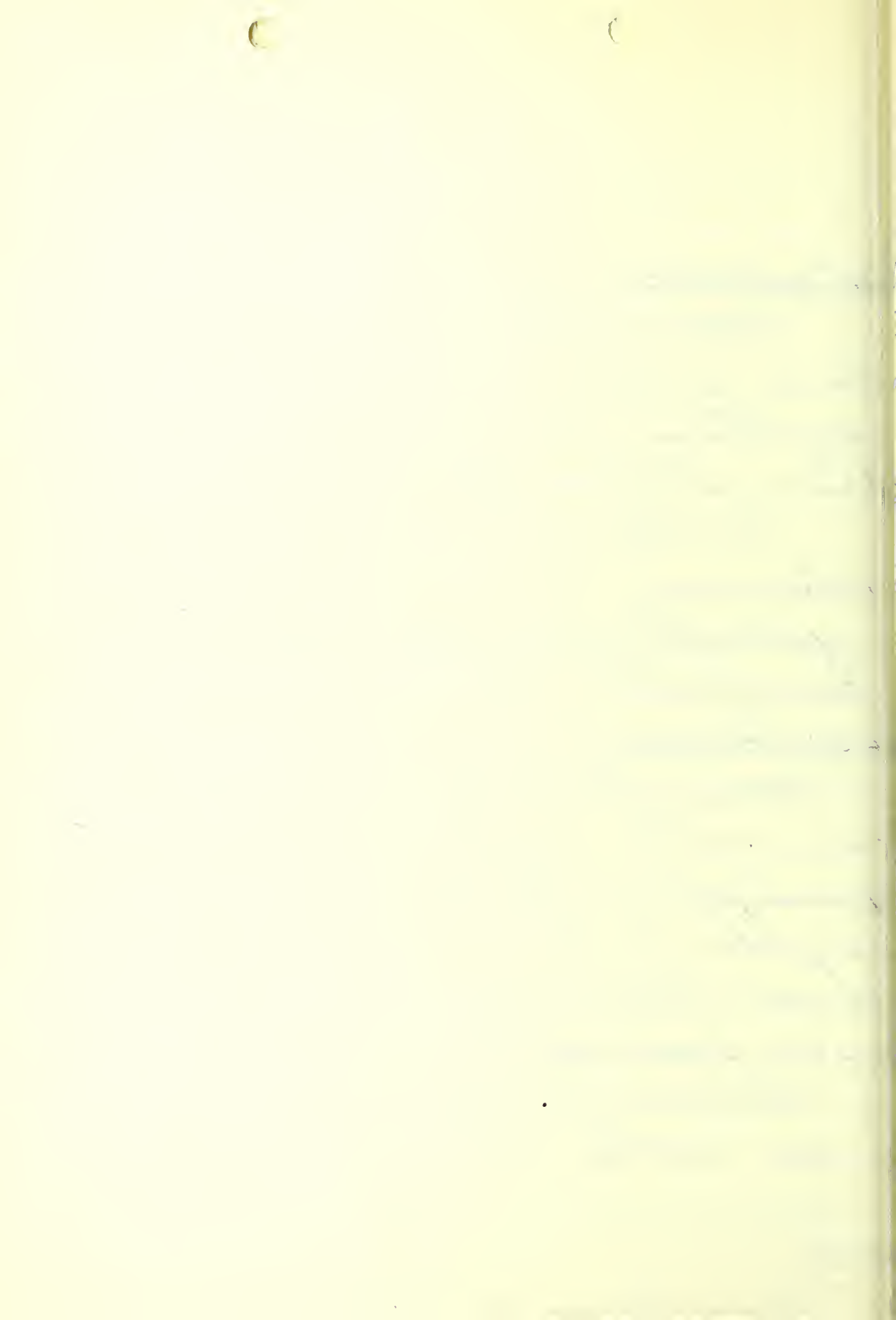
Maintaining and operating one water system, well gas engine, pumping plants, one sewer system, four comfort stations and clearing of camp grounds.

SOUTH ENTRANCE

Maintaining and operating one water and one sewer system.

LAKE

Maintaining and operating one



water system, two sewer systems
two compost stations, one incinerator
and hauling of garbage daily.

HING BRIDGE

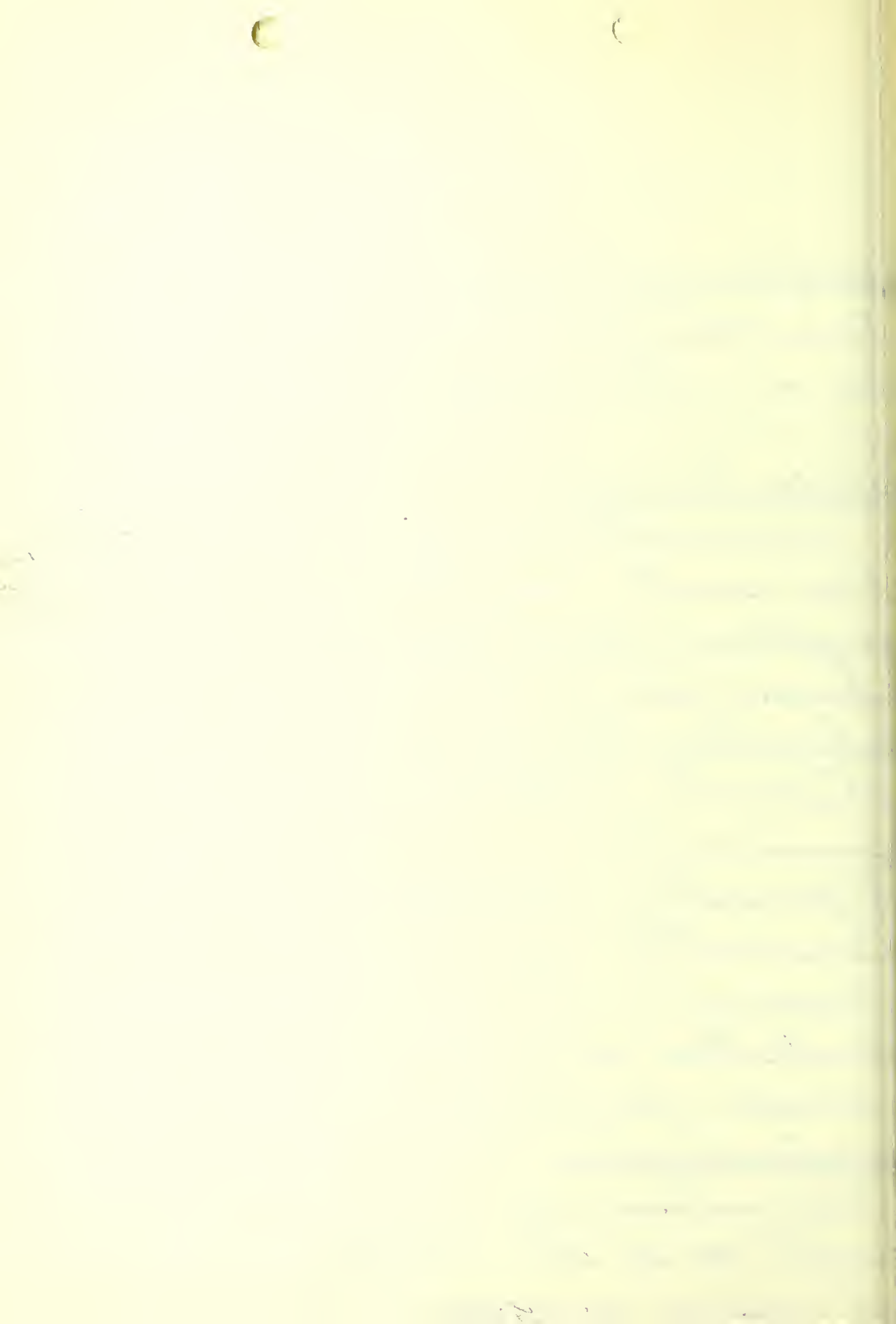
Maintaining and operating
one water system, three sewerage
systems, four gas and sewage pumps
sewer compost stations. Garbage
hauled daily and camp grounds
cleaned. Operating one garbage
incinerator.

Operating emergency water pump.
Connected up new water supply
reservoir.

Installed 2000 ft of 6" water pipe
across fishing bridge.

ST ENTRANCE

Maintaining and operating one
water and one sewer system and
cleaning camp grounds.



NYON.

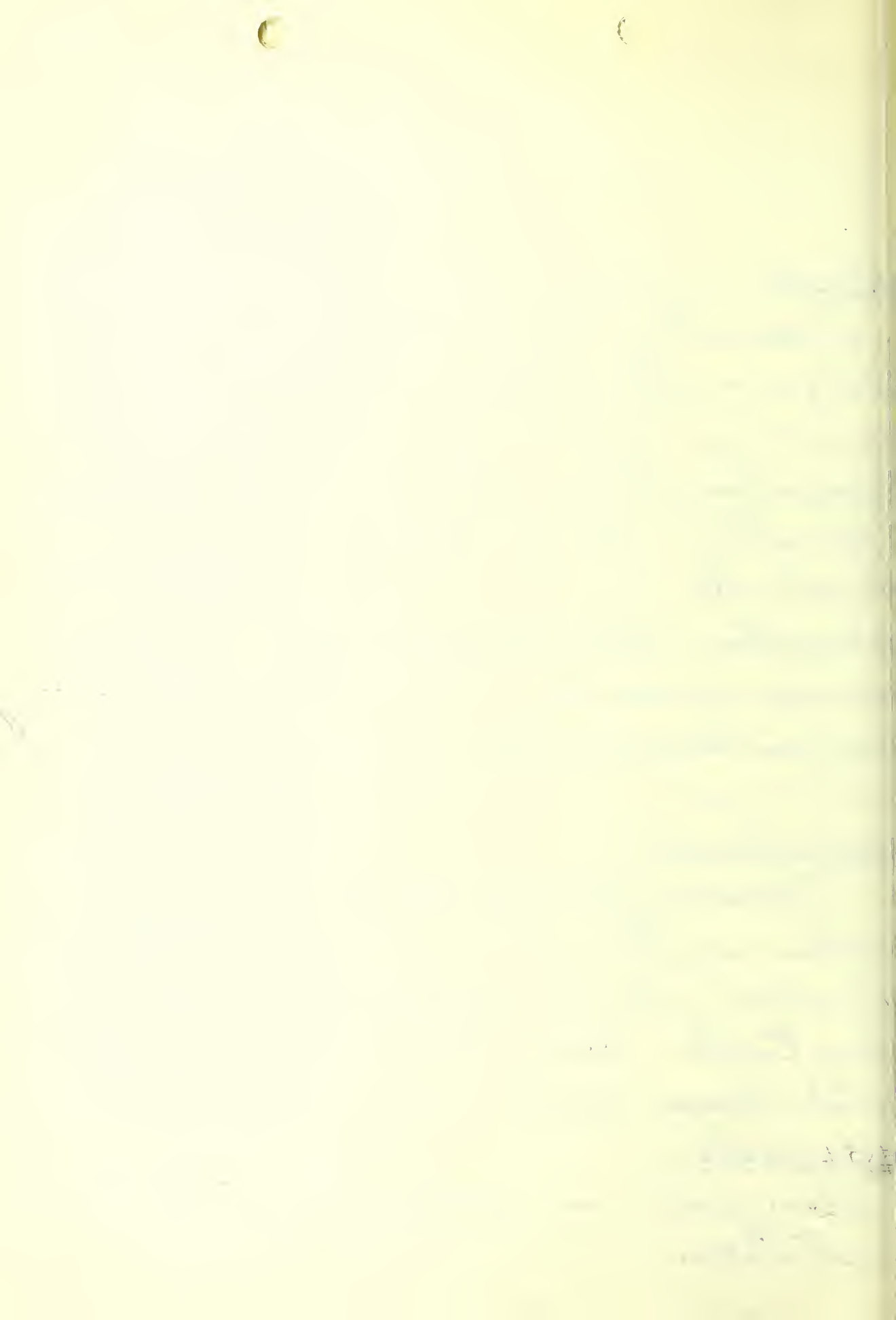
Operating two sewerage systems for
Lodge & Hotel Co. Operating one
sewerage system for camp grounds.
Operating three chlorinating machines
Operating and maintaining three
hydraulic and one gas engine water
pumps. Garbage hauled daily and
camp grounds cleaned. Operating
one incinerator.

VER FALGS

Maintaining and operating two
water systems, one comfort station. Garbage
hauled daily camp grounds and
dry toilets hauled to Cook City, Mt Washburn
and Lava Creek.

FARDINER

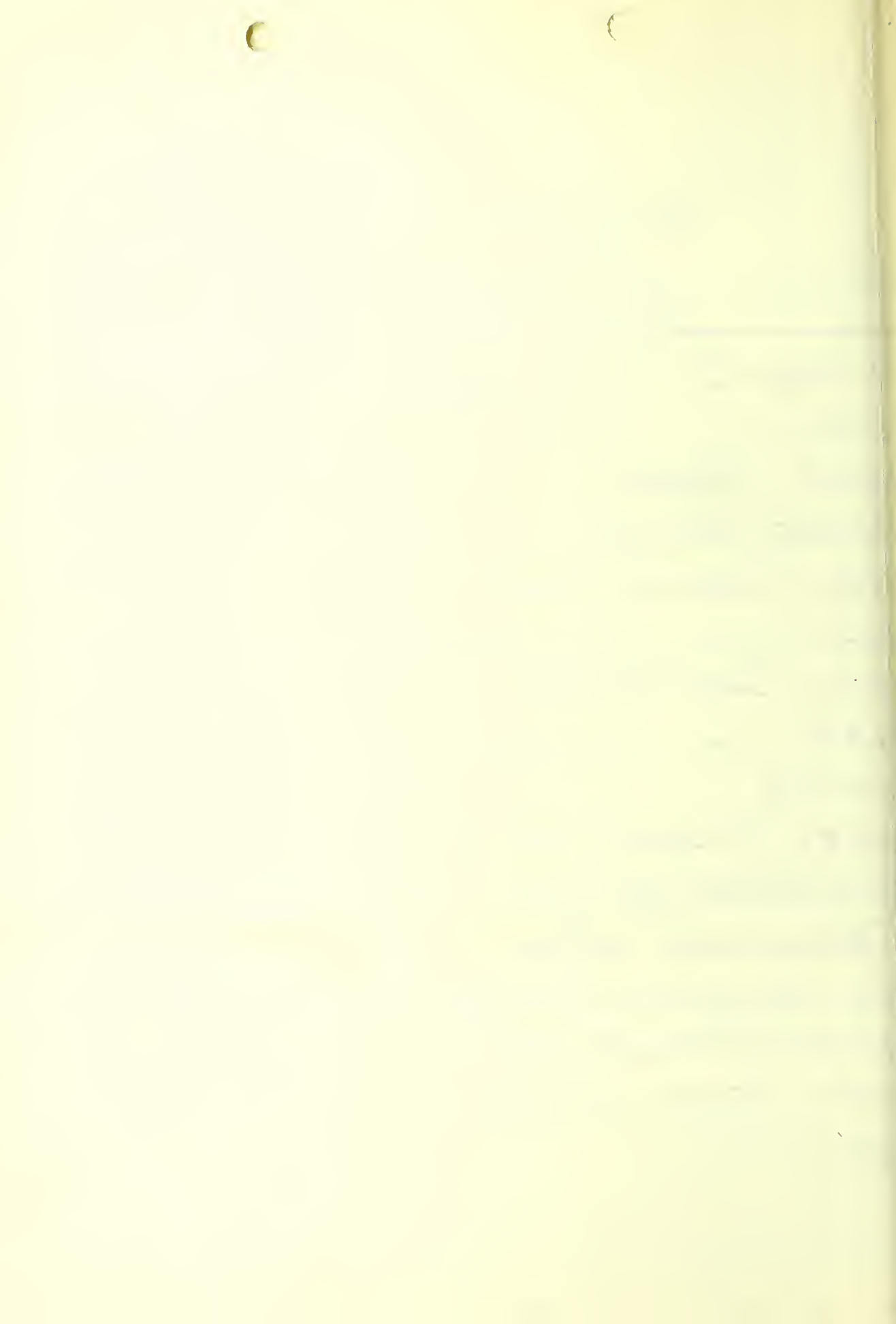
Brought in plumbing and electric
station.



WATER METER READING FOR JULY

8/31

HOTEL COMMISARY	401110
HOTEL	13711807
RYOR STORE	2362270
UTTAGE HOTEL	893990
RYOR COFFEE SHOP	922800
ODGE	7952939
ODGE COMMISARY	308496
ILES	672777
CHOLS	2141211
YNES PICTURE SHOP	423860
TRANSPORTATION Co.	8540157
Donalds QTRS	148509
HOUSE KEEPING CABINS (CAMP GROUNDS)	1448899
YNES PICTURE SHOP	35955
RYOR STORE & CAFE	210305





Annual report
 done by Planning Dept
 From July 1 1936 to

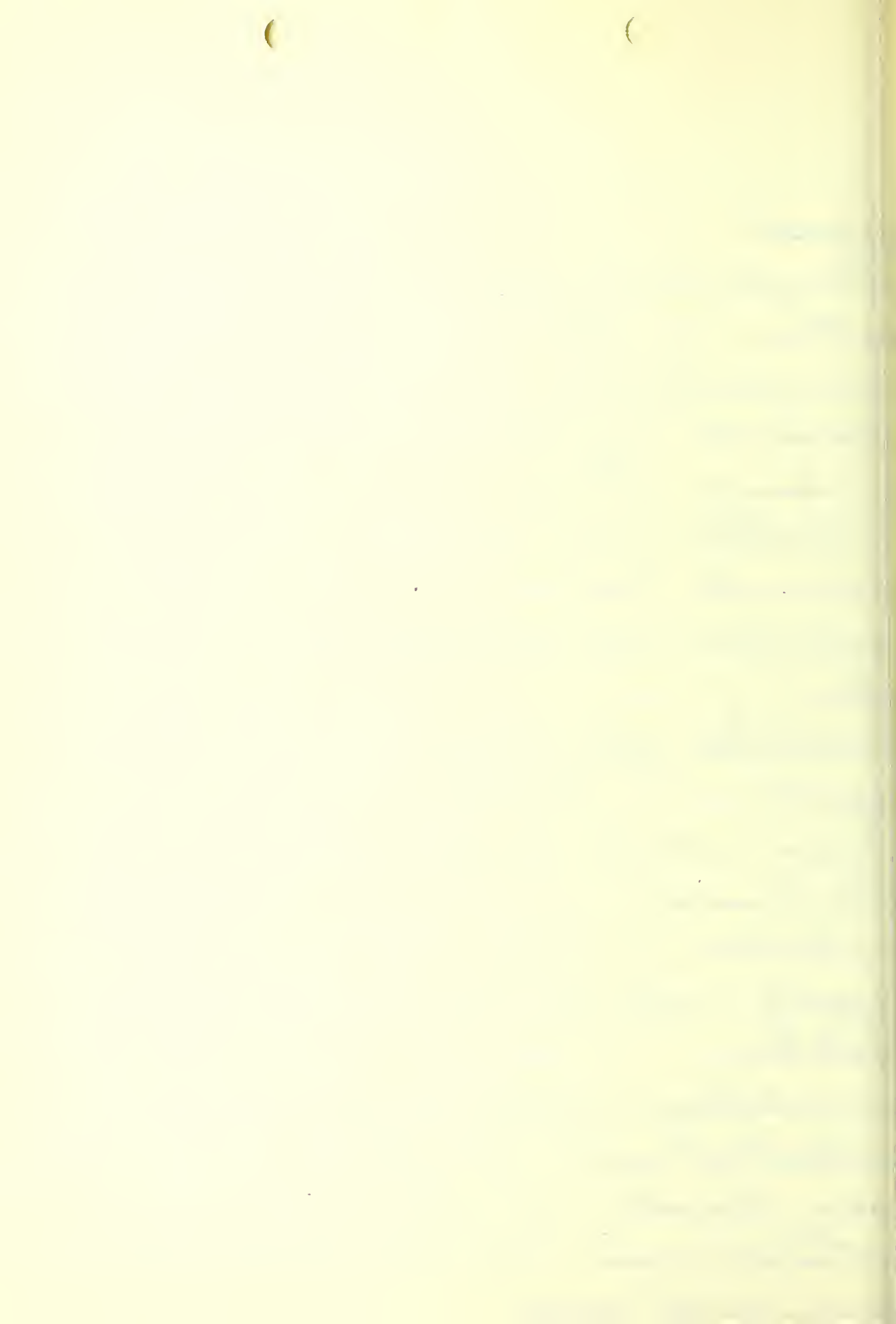
The work of the Sanitation Dept is carried on under the supervision of H. B. Hammond of the Public Health Service and is in the charge of William H. [unclear]

The work of this Dept includes the maintenance, operation and construction work on water systems, sewer systems, incinerators and garbage hauling, [unclear] systems, refrigeration plants and sheet metal work.



Warrmouth

- Manufactured and installed 150 ft gutters on 9th floor in new building.
- Manufactured 17 roof joists.
- Repaired 26 heating steam and cooking stoves.
- Installed new return main and 100 gal hot water tank in Dr. Barnes flat.
- Installed new laundry tub in P. J. Miller flat.
- Completed plumbing, heating and electrical systems in Utility Bldg.
- Layed 200 ft 3/4" pipe for water line to rent houses.
- Installed 1 - 10 hp. Electric water pump to supply water for domestic use.
- Installed 1 - 1 hp. Electric water pump for circulating water through coils in building.
- Installed new 24" gate valve with valve chamber at reservoir.
- Installed new 4' x 4' x 8' grease trap at Warrmouth mess.



Installed two heavy pipes into
burning heating plant supply
with combustion blower unit.

Took out old pipe and installed
plate over both - 1st
on Ford's pt.

Ran concrete top to the main
reservoir.

Ran concrete mantle and lay 300'
of 18" steel pipe at old main

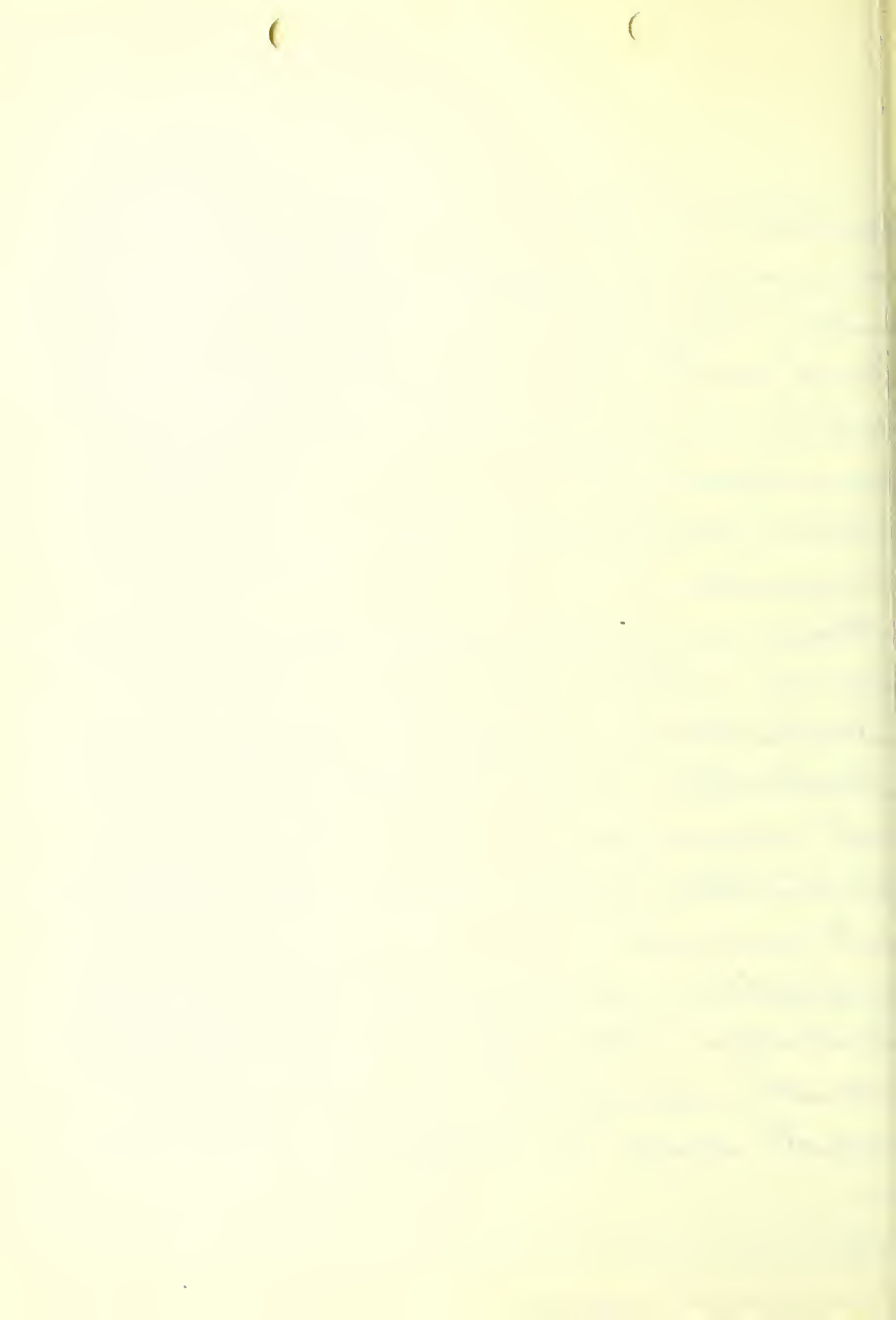
Installed acid clean gas to
Installed vent 100' gas to main tank
at Rogers pt.

Installed floor drain in clean room
at reservoir

Installed venturi valve at gas burner

Installed Climatic gas air scrubbing fountain

Made cesspool and installed pipe
and sewer to cesspool at Betty's pt.



Madison

Excavated and capped 30 ft. sewer
line at water intake.

Old Faithful

Installed two (5 per each) complete sewer
rooms at Hanger waterline gles.

FP692 Sewer System

Constructed 11' x 30' x 42' concrete sewerage
collecting tank.

Installed two 4" sewage pumps per pump
operated, fully automatic.

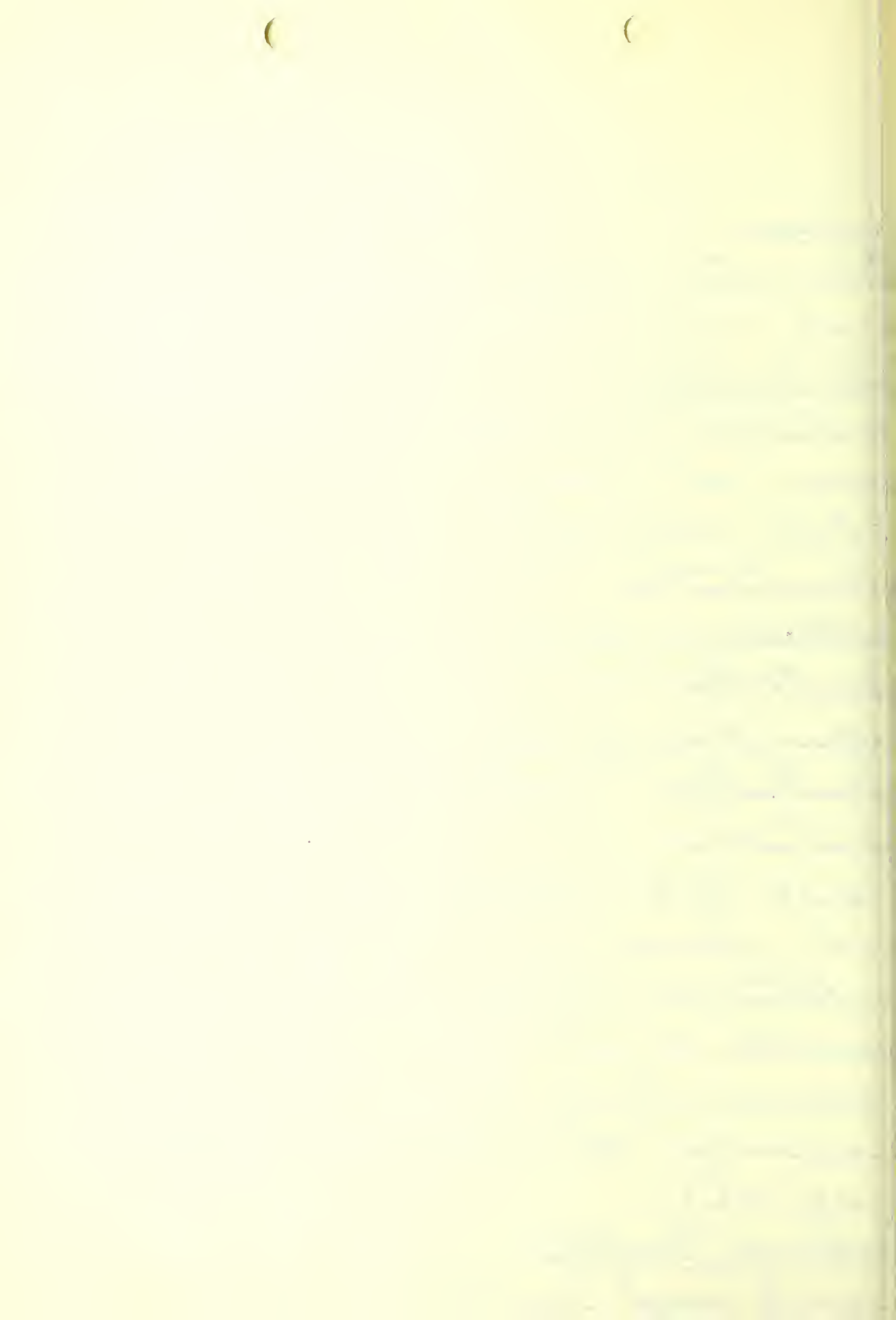
Installed 1000 gal per underground.

Installed 910' of 8" sewerage
250' of 6" spraying line

4" spraying line. Made connection
between three wooden sewerage tanks
with 8" stud pipe also 6" diameter
connecting each tank to the
newly constructed study pit
20' x 60'.

Fishing Bridge

Made and installed 35 new Campin tanks.



Excavated and laid 20' of pipe
at water intake

Changed 420' of 4" water pipe
fishing bridge

Installed new toilet
incinerator burn house
Cabe

Installed two compartments
Cabe room

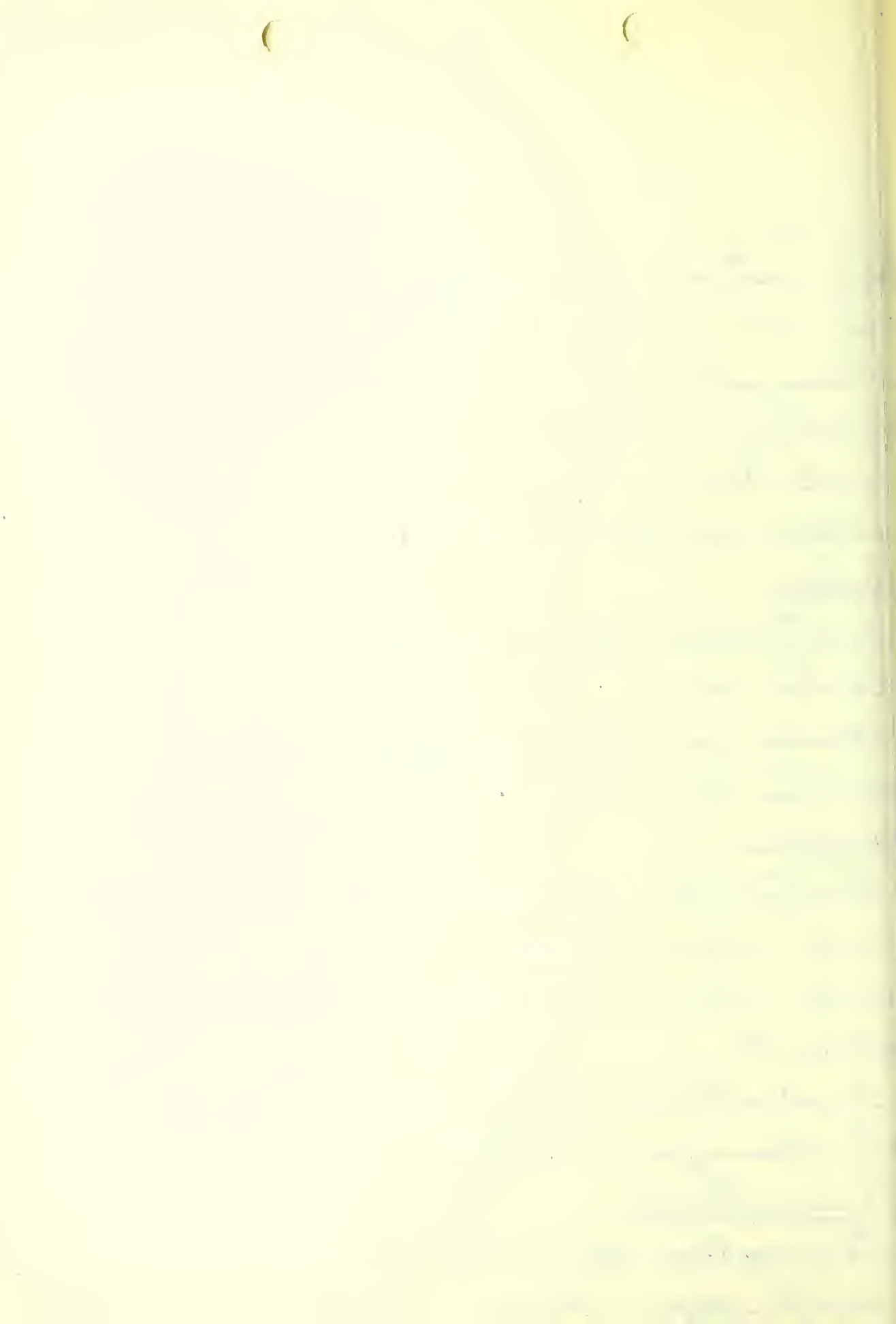
Made and installed 20' of
cables in lowest camp

Canyon
Installed 200 gal hot water tank
and heater at low fishing ground
and built a house on hunting
plant.

Installed toilet and wash basin
at Ranger station.

Tower Falls

Excavated for and installed 200' of 2"
water pipe line



Buffalo Ranch

Installed new coal stove and 4 gal
hot water tank.

Gardine

Recovered coal part of
station.

W. J. ...
LL



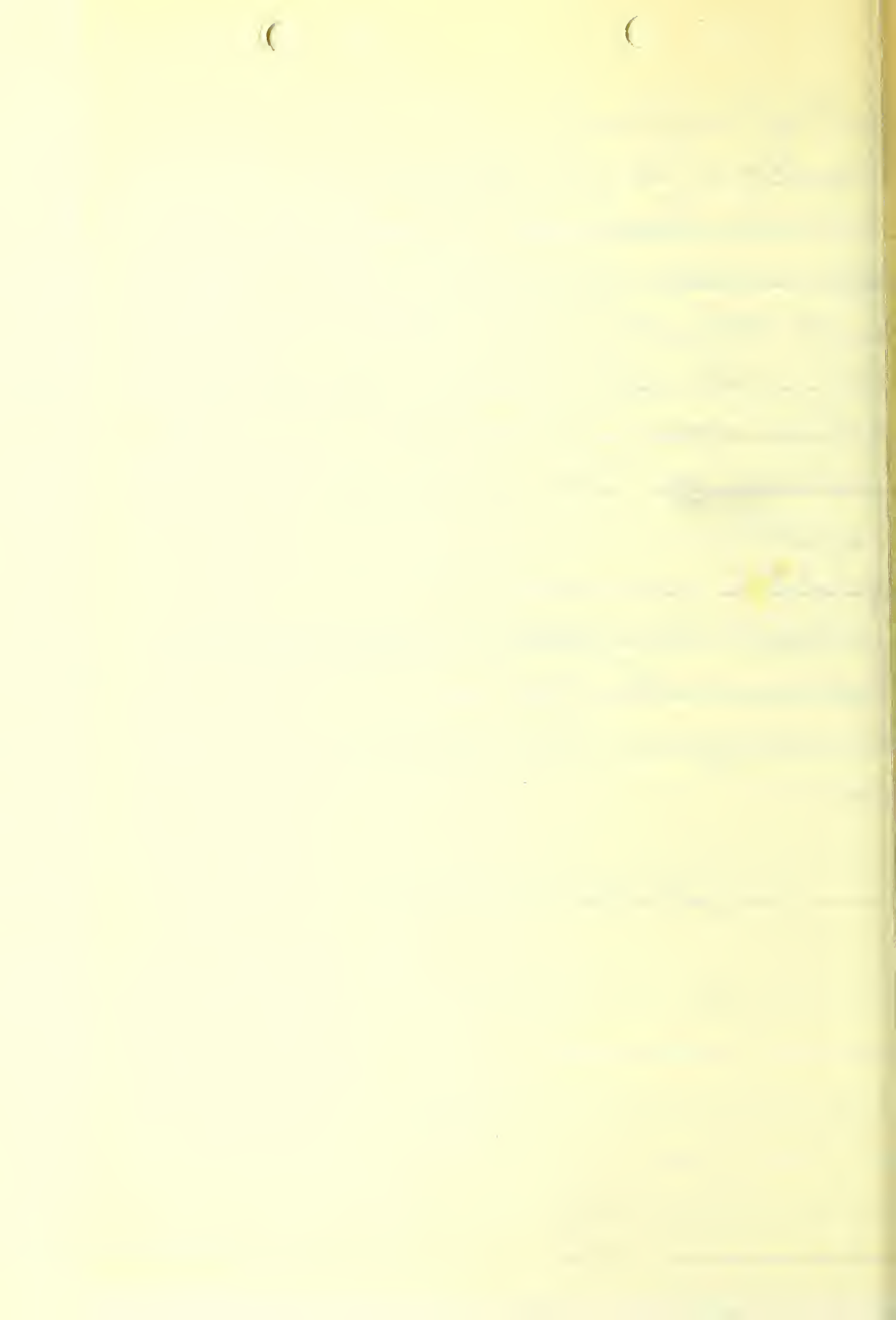
Short of Carpenter work done in July.
Built a water tank 18' x 12' x 5' out
of 3x12x10 bridge plank, with the following
edge water system.

Built the chicken station at point
the old foundation and now will
with a new brick chimney to take
place of the tub chimney in the
one.

Repaired the court yard roof at
Old Fortified mission.

Repaired the stairs at the stable
in ranger sta and repaired
one.

E. A. Bowman



July 11, 1954

Finished a PVA ...

... ..

... ..

... ..

... ..

... ..

Yellowstone Park Wyö.
July 1937

WORK REPORT FOR JULY 1937

Electrical 208

One large flood light was installed in a tree at Fishing Bridge Museum Amphitheater to enable the visitors to see the trails after the show.

New kerosene Electrolux refrigerators were installed and placed in operation in the following Mess Houses, Canyon, West Thumb, Lewis River, South Forest and East Entrance. To date all units are operating satisfactorily.

A new starting compensator was installed for the 10 H. P. motor operated by the E. C. W. crew working near the Power Plant.

Mr. George Johnson, Allis-Chalmers Engineer from Milwaukee was here during the month and made adjustments on the voltage regulators in the Power Plant. All relays and switching equipment was inspected and adjustments made where necessary as well as a one wire schematic diagram for all relays was drawn and blue printed for future reference.

A new Insulation "Megger", a standard portable Watthour meter and a portable recording ammeter were received during the month. This equipment is necessary to properly maintain the electrical equipment used in the Park.

A used 10 K. W. transformer was installed at the Mammoth C. C. C. Camp to replace a 5 K. W. transformer which was of too small a capacity to take care of the load. Lightning arrestors were also installed as no protection has previously been installed at this location.

Telephone 209.1

Approximately 7 miles of new metallic, #8 Copperweld wire circuit between Lake and West Thumb has been completed. This circuit requires the stringing of wire, installing pins and insulators, and making minor repairs to the present #9 iron wire circuit.

Due to the severe lightning and wind storms prevailing during the month, considerable heavy repair work was necessary around the region of Yellowstone Lake and Cooke City.

All telephones at Checking Stations were renewed where

STATISTICAL ANNUAL REPORT FOR ELECTRICAL SYSTEM

8

	1937	1936	Increase	Percent
Current generated.....	1,138,500	820,855	317,645	38
Sold to Park Operators.	91,398	69,434	21,964	32
Used by Gov't.	972,052	785,045	187,007	24

I.W.Seasholtz

MEMORANDUM FOR THE RECORD

Account	Amount	1941	1942	1943
1000	100.00	100.00	100.00	100.00
1001	200.00	200.00	200.00	200.00
1002	300.00	300.00	300.00	300.00
1003	400.00	400.00	400.00	400.00
1004	500.00	500.00	500.00	500.00
1005	600.00	600.00	600.00	600.00
1006	700.00	700.00	700.00	700.00
1007	800.00	800.00	800.00	800.00
1008	900.00	900.00	900.00	900.00
1009	1000.00	1000.00	1000.00	1000.00
1010	1100.00	1100.00	1100.00	1100.00
1011	1200.00	1200.00	1200.00	1200.00
1012	1300.00	1300.00	1300.00	1300.00
1013	1400.00	1400.00	1400.00	1400.00
1014	1500.00	1500.00	1500.00	1500.00
1015	1600.00	1600.00	1600.00	1600.00
1016	1700.00	1700.00	1700.00	1700.00
1017	1800.00	1800.00	1800.00	1800.00
1018	1900.00	1900.00	1900.00	1900.00
1019	2000.00	2000.00	2000.00	2000.00
1020	2100.00	2100.00	2100.00	2100.00
1021	2200.00	2200.00	2200.00	2200.00
1022	2300.00	2300.00	2300.00	2300.00
1023	2400.00	2400.00	2400.00	2400.00
1024	2500.00	2500.00	2500.00	2500.00
1025	2600.00	2600.00	2600.00	2600.00
1026	2700.00	2700.00	2700.00	2700.00
1027	2800.00	2800.00	2800.00	2800.00
1028	2900.00	2900.00	2900.00	2900.00
1029	3000.00	3000.00	3000.00	3000.00
1030	3100.00	3100.00	3100.00	3100.00
1031	3200.00	3200.00	3200.00	3200.00
1032	3300.00	3300.00	3300.00	3300.00
1033	3400.00	3400.00	3400.00	3400.00
1034	3500.00	3500.00	3500.00	3500.00
1035	3600.00	3600.00	3600.00	3600.00
1036	3700.00	3700.00	3700.00	3700.00
1037	3800.00	3800.00	3800.00	3800.00
1038	3900.00	3900.00	3900.00	3900.00
1039	4000.00	4000.00	4000.00	4000.00
1040	4100.00	4100.00	4100.00	4100.00
1041	4200.00	4200.00	4200.00	4200.00
1042	4300.00	4300.00	4300.00	4300.00
1043	4400.00	4400.00	4400.00	4400.00
1044	4500.00	4500.00	4500.00	4500.00
1045	4600.00	4600.00	4600.00	4600.00
1046	4700.00	4700.00	4700.00	4700.00
1047	4800.00	4800.00	4800.00	4800.00
1048	4900.00	4900.00	4900.00	4900.00
1049	5000.00	5000.00	5000.00	5000.00
1050	5100.00	5100.00	5100.00	5100.00
1051	5200.00	5200.00	5200.00	5200.00
1052	5300.00	5300.00	5300.00	5300.00
1053	5400.00	5400.00	5400.00	5400.00
1054	5500.00	5500.00	5500.00	5500.00
1055	5600.00	5600.00	5600.00	5600.00
1056	5700.00	5700.00	5700.00	5700.00
1057	5800.00	5800.00	5800.00	5800.00
1058	5900.00	5900.00	5900.00	5900.00
1059	6000.00	6000.00	6000.00	6000.00
1060	6100.00	6100.00	6100.00	6100.00
1061	6200.00	6200.00	6200.00	6200.00
1062	6300.00	6300.00	6300.00	6300.00
1063	6400.00	6400.00	6400.00	6400.00
1064	6500.00	6500.00	6500.00	6500.00
1065	6600.00	6600.00	6600.00	6600.00
1066	6700.00	6700.00	6700.00	6700.00
1067	6800.00	6800.00	6800.00	6800.00
1068	6900.00	6900.00	6900.00	6900.00
1069	7000.00	7000.00	7000.00	7000.00
1070	7100.00	7100.00	7100.00	7100.00
1071	7200.00	7200.00	7200.00	7200.00
1072	7300.00	7300.00	7300.00	7300.00
1073	7400.00	7400.00	7400.00	7400.00
1074	7500.00	7500.00	7500.00	7500.00
1075	7600.00	7600.00	7600.00	7600.00
1076	7700.00	7700.00	7700.00	7700.00
1077	7800.00	7800.00	7800.00	7800.00
1078	7900.00	7900.00	7900.00	7900.00
1079	8000.00	8000.00	8000.00	8000.00
1080	8100.00	8100.00	8100.00	8100.00
1081	8200.00	8200.00	8200.00	8200.00
1082	8300.00	8300.00	8300.00	8300.00
1083	8400.00	8400.00	8400.00	8400.00
1084	8500.00	8500.00	8500.00	8500.00
1085	8600.00	8600.00	8600.00	8600.00
1086	8700.00	8700.00	8700.00	8700.00
1087	8800.00	8800.00	8800.00	8800.00
1088	8900.00	8900.00	8900.00	8900.00
1089	9000.00	9000.00	9000.00	9000.00
1090	9100.00	9100.00	9100.00	9100.00
1091	9200.00	9200.00	9200.00	9200.00
1092	9300.00	9300.00	9300.00	9300.00
1093	9400.00	9400.00	9400.00	9400.00
1094	9500.00	9500.00	9500.00	9500.00
1095	9600.00	9600.00	9600.00	9600.00
1096	9700.00	9700.00	9700.00	9700.00
1097	9800.00	9800.00	9800.00	9800.00
1098	9900.00	9900.00	9900.00	9900.00
1099	10000.00	10000.00	10000.00	10000.00

APPROVED:

Approved by Gov't.
Old to Park Operators.
First Operator.

Yellowstone Park Wyo.
July 12 1937

ANNUAL REPORT FOR THE ELECTRICAL DEPARTMENT

Electrical 208

Two Ranger Naturalist Quarters, in the apartment building at Old Faithful, were connected for light service and fixtures, switches and convenience outlets were installed.

The following equipment was installed and connected to suitable power supply in the New Utility Building, seven three phase motors and starting boxes, one battery charger, one tire repair unit, one water distilling unit and three service extensions were laid up and connected to vapor proof outlets.

Due to the heavy surge made by the 25 H.P. motor driving the air compressor in the Utility Building it was necessary to purchase and install an automatic compensator.

To supply electrical energy to the Utility Building the following items were installed, a concrete transformer vault, three 50 K.V.A. transformers, 2200 volts primary and 110/220 volts secondary, five primary cutouts, 550 feet of 3500 volt Parkway cable, 3500 volt potheads, 600 feet of 300,000 cm secondary wire and 120 feet of 4" galvanized conduit.

The New Sewer Plant at Old Faithful was wired for lights and several automatic controls were installed.

A new 50 ampere, three wire service meter was installed in Mr. J. Haynes' residence. The old meter which was owned by Mr. Haynes was defective and as we have decided to charge the full power rates all meters and transformers in the future will be owned by the Park Service.

The three new storage sheds built by the ECW crew were wired for lights with time clock operating three outside lights on each building. All wiring was run in conduit.

Nine electric refrigerators were received from the Federal Housing Administration after heavy repairs were made on all but three units, three units were in working order and were placed in service in permanent employees residences.

All electric ranges were inspected and repairs made where necessary. All ranges not grounded were connected to a permanent ground.

Approximately 335 feet of #6 stranded, 600 volt, three conductor power cable was installed between power line and the New Chlorine House at the Mammoth Reservoir. The Chlorine House was wired in conduit for 220 volt, three phase power and 220 volt single phase heater and light service.

Approximately 55 new convenience outlets and 25 light circuits were installed in government residences during the year.

Five new power poles were replaced and eight stubbed in Mammoth.

REPORT FOR THE ELECTRICAL DEPARTMENT

Electrical - 408

The Ranger Station was in the most complete condition at the start of the season. The following equipment was installed and connected to suitable power supply:

The following equipment was installed and connected to suitable power supply: seven three phase motors and starting boxes, one battery, one fire repair unit, one water distilling unit and three service extensions and connected to vapor proof outlets.

Due to the heavy surge rate by the 1.1. motor driving the air compressor the Utility Building it was necessary to purchase and install an automatic compressor.

To supply electrical energy to the Utility Building the following items were installed, a concrete transformer vault, three 50 T.V.A. transformer, 2,200 volt primary, 110/220 volt secondary, five primary outlets, 250 feet of 2/00 volt Tarkay cable, 2500 volt overhead, 600 feet of 300,000 cm secondary wire and 120 feet of 4" sized conduit.

The New Sewer Plant at old Palmdale was wired for lights and several automatic valves were installed.

A new 50 ampere, three wire service meter was installed in R.S. Agnes' residence which was owned by Mr. Hayes and as we have decided to change power rates all meters and transformers in the future will be owned by the Service.

The three new storage sheds built by the 33 crew were wired for lights with one clock operating three outside lights on each building. All wiring was run in conduit.

The electric transformers were received from the Federal Housing Administration after heavy repairs were made on all but three units, three units were in working order and were placed in service in permanent emergency residences.

All electric ranges were inspected and repairs made where necessary. All ranges not grounded were connected to a permanent ground.

Approximately 375 feet of 6 stranded, 500 volt, three conductor power cable installed between power line and the 33 crew house at the month reservoir. The house was wired in conduit for 220 volt, three phase power and 220 volt phase heater and light service.

Approximately 55 new convenience outlets and 45 light outlets were installed in government residences during the year.

Five new power poles were replaced and eight stumps in Lamont.

ANNUAL REPORT CONT.

Telephone 209.1

Three and one half miles of the Cooke City line ~~was~~ completed making this first class metallic circuit from Mammoth to Cooke City Ranger Station.

Approximately 500 feet of underground Parkway type telephone cable ~~was~~ laid acrossed the new parking area and road at Fishing Bridge.

Approximately 1400 feet of underground Parkway type telephone cable ~~was~~ laid from the Mt. Washburn Lookout down to the timberline.

Approximately 335 feet of #14, solid, two conductor Parkway type telephone cable was installed between the last pole and the New Chlorine House, and a new motor phone, wall type, was installed in the motor room.

Three new Teleomatic stations were installed in the following locations, Utility Building, Commissary, Old Garage, and Secretary to the Assistant Supt. Approximately 800 feet of steel armored, lead covered cable was installed under supervision of Mr. Lockwood, representative of the Dictograph Co. from San Francisco, California.

The Mountain States Telephone Company completed their new copper circuit between Mammoth and Cooke City on December 28. This circuit makes it possible to have the first direct connected telephone service to Cooke City, ~~Wyoming~~.

A test table was made and installed in the telephone office with all necessary equipment and connections to make tests on all telephone circuits connected our system.

For the first time, the Yellowstone Park Co. and the Government have had a common telephone directory, thus improving the service to the public as well as each other.

During a heavy wet snow storm in June of this Year approximately seven miles of our East Entrance line was broken down and heavy repairs was necessary to replace in first class condition.

Three and one half miles of the...
The class metallic circuit from...

Approximately 500 feet of...
The new parking area...

Approximately 100 feet of...
from the St. Washburn...

Approximately 250 feet of...
was installed between...
the phone wall type...

These new metallic stations...
City Building, Monterey...
approximately 800 feet of...
requisition of Mr. Wood...

The Mountain States...
near Kampton and Cooke...
the first direct...

A test cable was...
heavy equipment and...
our system.

For the first time...
new telephone directory...
each other.

During a heavy wet...
our East Branch line...
in first class condition.

ANNUAL REPORT cont.

Radio 209.2

A new receiving antenna and transmission line was constructed for the Headquarters receiving set.

A new power transformer and milliamperemeter was installed in the Headquarters transmitter along with a filter choke coil.

A new Peck Preselector was installed ahead of the Headquarters receiver, giving the receiver a marked improvement in signal strength.

A new 585 Supreme radio analyzer and a 570 Signal Generator was purchased to enable us to properly adjust and repair our radio equipment.

One new short wave automobile receiver was purchased and installed in a patrol car with satisfactory reception obtained within 40 miles from Mammoth.

Our ten watt transmitter from Lake Ranger Station was set up at the Giant Geysers over May 30 as it was to be used to broadcast a few minutes in connection with the N.B.C. Park Program but due to adverse weather conditions this part of the program was omitted.

During the month of June we received from the San Francisco Office, four semi-portable radiophone short wave units, complete with three different size battery containers, with batteries. After making a few tests it was decided they were superior to our old type set.

All radio equipment was in operation during the year with very satisfactory results.

L.W. Seasholtz

A new receiving antenna and transmission line was constructed for the laboratory receiving set.

A new power transformer and millivoltmeter were installed in the laboratory transmitter along with a line meter.

A new leak detector was installed in the laboratory receiver, giving the receiver a higher impedance in radio circuits.

A new 500 cycle audio oscillator and a 500 cycle generator was purchased to enable us to properly adjust and measure our radio circuits.

The new audio wave generator received and developed and installed in a patrol car with satisfactory results. It is now in use in the laboratory.

The car was transmitted from the laboratory to the field on the night of May 30 as it was to be used in the laboratory. In connection with the F. B. I. radio program and for the purpose of maintaining this part of the program was carried.

During the course of this work we repaired and replaced the four semi-portable radiophone sets with complete new three different size battery containers, with batteries. After making a few tests we decided they were superior to our old type set.

All radio equipment was in operation during the past few days satisfactory results.

July 2nd, 1937.

Amount of Electricity. Generated, sold etc. For Month of June.

Current Generated.	103300	KWH.
Sold to Concessioners.	19779	"
Wt Bldgs. & St. Lts.	83521	"

Peak Load for Month of June. 250- KW.

Yellowstone Park Co.	Prev. Re.	Last Re.	KWH. Used.
Storage Barn.	4073	5744	1671
Storage Motor shop.	3920	3930	10
Storage Lts. "	5855	5948	93
Master Meter in Plant.	10500	18400	7900
Cottage Hotel.	55284	55751	467
W. Nichols lts.Res.	4698	4944	286
W. Nichols Stove.	4498	4769	271
W. Q. Nichols, Res. Lts.	8018	8621	603
W. Q. Nichols " Stove.	1085	1122	37
Lodge-Main Bldg.	63350	64780	1430
Boiler Room. Lodge.	4800	5180	380
Workshops.	8277	8439	162
Langloes.	6947	7759	812
St. Lts. & Qts. Lodge.	3942	4200	258
Garage & Commissary.	8383	8399	16
Auto-Camp & Bldgs.	7063	7552	489

Total. 14885 K.W.H.

Haynes Pic. Shop. Inc.

Res. & Gargae.	4639	4694	55
Garage & Stock Room.	4135	5048	913
Pic. Shop & Hd. Qts.	9756	9944	188
Pic. Shop. Auto-Camp.	5741	5788	47

Total. 1203 K.W.H.

W. K. Pryor.

General Store.	3772	5420	648
Auto-Camp Store.	4392	4691	299
Coffee Shop.	5232	6699	1466
Delicatessen. Auto Camp.	748	788 X 30	1200
Old Curio & Fountain.	2585	2605	20

Total. 3633 K.W.H.

W. C. C. Camp. No reading. METER out of order.

Commer & Small

WS/R	Light Meter	8246	8264	18
	Power Meter.	210	250	40

58 KWH.

Total Sold.

19779 K.W.H.

Yellowstone Park Wyo.
July 1937

Telephone 209.1 (Cont'd)

necessary to make it possible for visitors to use the station phones without entering the station where the gate receipts are in reach of unscrupulous visitors.

Radio 209.2

Mr. George Chynoweth, our new Radio Engineer, reported for duty on July 19.

Mr. W. Hilgedick, Radio Engineer from the San Francisco office, was in the Park for a few days helping to install the new 15 watt radiophone sets.

L. W. Seasholtz

