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

✓	EDVIN	
✓	JOFFE	JB bms
✓	HUNDLEY	
✓	BRUGLEY	
.....	LORD	
.....	SCULE	
.....	NEILSON	
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FILE NO.

MONTHLY REPORT
FOR
JUNE, 1932

IMPORTANT

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

HORACE M. ALBRIGHT,
Director.



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

E OF THE SUPERINTENDENT

July 5, 1932

The Director
National Park Service
Washington, DC

Dear Mr. Director:

Following is a report of the activities of the Yellowstone National Park for the month of June, 1932.

000 - General

010 - Yellowstone Park celebrated its 60th anniversary with the opening of the 1932 season, but no official ceremonies were held to mark the occasion. The practice of holding special exercises at one of the park gateways in connection with the opening of the season was discontinued in 1930, and no attempt was made this year to put on a special program. By the 2nd of June the north, west, and east gates were opened to travel, and early visitors were able to obtain meals and lodging at the four main points of interest. While June 20 is regarded as the official opening date for the park, the hotels and lodges were able to take care of visitors as early as June 15.

The depression and general conditions throughout the country had a very material effect on the travel through the park during the month of June, and the business of the various park operators suffered considerably, especially the hotels and lodges. By the end of June the travel records showed 34,815 persons as having visited the park as against 48,120 to the same date last year - a decrease of 27%. The loss in rail travel was even greater, 974 persons having entered at the four gateways as against 2351 in 1931, a loss of 54%. There was an even greater loss in the amount of the revenue taken by the various park operators over the same period last year. Retrenching methods were necessary even before the first of July, and a request was received from the Yellowstone Park Lodge and Camps Company and the Yellowstone Park Hotel Company to close the Lake Lodge and Hotel on July 10. Roosevelt

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

DEPARTMENT

1912

OFFICE OF THE SUPERVISOR
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

1912

REPORT OF THE SUPERVISOR
FOR THE YEAR 1912

1912

The following is a summary of the work done during the year 1912. The work was done in accordance with the plan of work for the year 1912, which was approved by the Board of Supervisors on January 1, 1912. The work was done in accordance with the plan of work for the year 1912, which was approved by the Board of Supervisors on January 1, 1912.

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Lodge did not open until July, which was the first time since its operation that it was not open to take care of visitors when the season began.

020 - General Weather Conditions

(Summary of weather conditions is shown at the end of this report)

021 - In the Park

All roads within the park are open to travel, with the exception of the Mt. Ashburn road, which will be open to travel about July 4. Spraven Park and the continued service road opened to travel June 11.

022 - Approaches to the Park

All the approach roads to the park are open and in fairly good condition.

023 - Roads in Adjoining States

From reports received all roads in the adjoining states are open to travel.

100 - Administration

110 - Status of Work

Superintendent Toll returned to the park on June 10 with his family, via the east gate, having just previously completed an inspection trip of the Hoover Dam country. During the first part of the month Assistant Superintendent Edwards was in charge. The work was kept as current as possible, but the vacancy caused by the resignation of senior clerk Anna Grear, which vacancy we have not as yet been able to fill, has seriously handicapped the operations, especially the filing. Clerk Constance Whitney has been assigned to the filing position. The personnel was augmented about the middle of the month by the addition of three temporary clerks, Carl Axelson, George Hanselman, and Edwin Stevens; the first two being assigned to the statistical work in the chief ranger's office, and the latter to handling the publicity and miscellaneous clerical work.

120 - Park Inspections by:

121 - Superintendent

Superintendent Toll returned to the park via the east gate on June 10, and spent the first few days acquainting himself with the work of the office, and on inspection of operations in the interior of the park. Trips were made into the park as follows:

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June 15 - to Old Faithful and return with park naturalist Bauer.

June 17 - around the loop with Dr. Bauer;

June 20 - over proposed route of the Lake Butte-Lake ^{road} with Messrs. Edwards, McCarter, and Stinson of the Bureau of Public Lands, spending the night at Lake.

June 21 - Returned to Mammoth from Lake via Sawraven Pass.

June 26 - to Canyon, Lake, and return to Mammoth by Sawraven Pass with Messrs. Edwards, Housen, Cable, and Higgins.

June 27 - to Lower Falls and Overhanging Cliff with Messrs. Edwards, McCarter, and Stinson.

June 30 - to Grand Teton National Park for the night.

Acting superintendent Edwards made the usual inspections around headquarters, and covered each project under way in the interior of the park. On June 4, he and Assistant to the Superintendent Joffe accompanied Sir Charles Mander to Canyon and Old Faithful. Sir Charles is a prominent notarian from England, and was accompanied by Lady Mander.

122 - Special Field Representatives of the National Park Service.

D.H. Madsen, Supervisor of Wild Life Resources, who entered the park on May 26, remained until June 7, on which date he left for Salt Lake City to attend a meeting of western Fish and Game men. He returned to the park again on June 20, and left on July 1 for Grand Teton National Park.

Kenneth C. McCarter, Assistant Landscape Architect for the National Park Service, entered at the west gate on June 6, and is assigned to the landscape work in the park for the season. He was accompanied by an assistant, Mr. F.S. Mattson, of the San Francisco office.

123 - National Park Service Officers

Sam T. Woodring, Superintendent of Grand Teton National Park, made two trips to the Yellowstone, one on June 6 to attend the cooperative fire conference, leaving the following day; and the other on June 24, returning to the Teton on June 30.

Herbert L. Brooks, of the Lands Division of the Washington office, arrived via West Yellowstone on June 11, and left on the 15th for the Grand Teton National Park and craters of the Moon National Monument. He was engaged particularly on work in connection with the proposed boundary of the antelope and elk range north of the park.

Peter H. Bilkert, Assistant in the Branch of Operations, arrived via the west gate on June 20, and left via the same gateway on the 27th.

Page 10 - In this report on the work of the committee

- Page 11 - The committee has been organized
- Page 12 - The committee has been organized
- Page 13 - The committee has been organized
- Page 14 - The committee has been organized
- Page 15 - The committee has been organized
- Page 16 - The committee has been organized
- Page 17 - The committee has been organized
- Page 18 - The committee has been organized
- Page 19 - The committee has been organized
- Page 20 - The committee has been organized

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Mr. Bilkert made a number of trips through the interior of the park, inspecting projects and noting improvements made since his departure from the park in 1936. From 1928 to 1935 he was assistant superintendent of the park.

George A. Grant, National Park Service photographer, arrived in the park via the east gate on June 14, and will remain until after July 4, when he will leave for Glacier National Park.

Charles L. Cable, Senior Auditor and Accountant for the National Park Service, arrived via the east gate on June 23, with his assistant, Noble J. Wilt. He will remain until July 5.

Noble J. Wilt, Assistant Auditor and Accountant for the National Park Service, arrived with Mr. Cable via the east gate on June 23, and will remain until near the middle of July.

A. B. Tillett, Chief Accountant for the National Park Service, with his wife and son, arrived via the east gate on June 24, and will remain until early August. He was accompanied by his assistant, Mr. Herbert L. Rooten and Mrs. Rooten. Mr. Tillett and Mr. Rooten are engaged in the installation of a new accounting system.

124 - Other Interior Department Officers.

A. C. Bailey of the Water Resources Branch of the Geological Survey, Boise, Idaho, arrived in the park on June 9 for an inspection of the water gauges in the park. He remained here for several days.

J. S. Brockmorton, engineer in the Water Resources Division of the Geological Survey, Boise, Idaho, arrived in the park via the east gate on June 14, for an inspection of the gauging stations.

125 - Other Government Officers.

W. S. Hanson, Sanitary Engineer for the US Public Health Service, in charge of sanitation in the national parks, arrived via the east gate on June 13, and left via the north gate on July 2. An inspection trip of the Grand Teton National Park was also made by Mr. Hanson during his visit.

Fred J. Foster, Supervisor for the Bureau of Fisheries, entered the park at the west gate on June 16, and will be in charge of the Bureau of Fisheries' work in the park during the summer.

William R. Sandy, cadastral engineer in the Public Survey office of the General Land Office, Helena, arrived in the park on June 23 with a crew to continue the survey of the park boundaries. He will continue the work on the east boundary where he was working last summer.

The following members of the Board of Directors are listed in the order of their election to office for the year 1900. The names of those who have resigned are indicated by a cross (X) after their names. The names of those who have died are indicated by a dagger (†) after their names.

George W. [Name], [Address], [City], [State], [Country].
In the year 1900, the Board of Directors consisted of the following members: [List of names and addresses].

[Name], [Address], [City], [State], [Country].
The Board of Directors for the year 1900 consisted of the following members: [List of names and addresses].

[Name], [Address], [City], [State], [Country].
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THE BOARD OF DIRECTORS

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[Name], [Address], [City], [State], [Country].
The Board of Directors for the year 1900 consisted of the following members: [List of names and addresses].

127 - Other Agencies

Dr. H.C. Lampus, Chairman of the Advisory Board for the National Park Service, and member of the American Association of Museums, arrived in the park via the north gate on June 28. Dr. Lampus is engaged in work connected with the educational activities of the park.

Dr. Frank S. Gantler, member of the Advisory Board of the National Park Service, arrived in the park via the west gate on June 17, and left the same evening. Dr. Gantler came to the park to get some trumpeter swan pictures.

G.E. Gorden, Chairman of the Montana State Highway Commission and editor of the Great Falls Tribune, accompanied by State Engineer R.S. Rader, entered the park at the west gate on June 27, and left via the north gateway on the same date. They were particularly interested in seeing the improvements in the park roads and the work which had been done in connection with the approaches to the Gardiner bridge.

H.B. Foote, Director of the Water and Sewerage Division of the Montana State Board of Health, Helena, entered at the west gate on June 29, and left via the same gateway on the 30th. The main object of his visit was to meet with sanitary engineer Homman.

L.F. Oldroyd, Commissioner of Agriculture for the State of Wyoming, Cheyenne, entered the park via the south gate on June 29, and left via the east gate on July 1.

130 - Finances and Accounts

(Table on following page)

The first step in the process of...
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The third step in the process...
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The fourth step in the process...
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and to ensure that...
is to establish a...
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The fifth step in the process...
is to establish a...
and to ensure that...
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CONFIDENTIAL - 713

	<u>Appro-</u> <u>riated</u>	<u>Expended</u> <u>to date</u>	<u>Balance</u>
41/2433 Y.N.F. 1931-32	535,650.00	497,019.20	48,640.80
Incumbered		42,210.00	
Balance	535,650.00	532,235.60	3,424.12
42/3433 Y.N.F. 1932-33	522,490.00	351.24	522,138.76
Incumbered		500.00	
Balance	522,490.00	851.24	521,638.76
40/1433, Y.N.F. 1930-31	497,715.00	494,381.48	3,333.52
Incumbered		41.42	
Balance	497,715.00	494,423.90	3,291.10
49/0433 Y.N.F. 1929-30	447,333.39	447,333.39	0.00
4 I 436 Roads & Trails National Parks	1,906,331.60	688,335.90	1,220,975.70
Incumbered			
Balance	1,906,331.60	688,335.90	1,220,975.70
4 S 470 N.P.P. Donations	101,211.63	100,298.23	913.40
Incumbered			
Balance	101,211.63	100,298.23	913.40
4 I 409 Ext. Winter Feed Facil- ities, Yel. Sprs	12,022.50	12,022.50	0.00
Incumbered			
Balance	12,022.50	12,022.50	0.00
42/3406 Forest Protection & Fire Prevention, 1932-33	7,960.00	254.89	7,705.11
Incumbered			
Balance	7,960.00	254.89	7,705.11
41/2402 Forest Prot. & Fire Prevention, 1931-32	16,500.00	15,553.44	746.56
Incumbered		851.00	
41/2403 Amer. Reconstr. & Fighting Forest Fires 1931-32	122,616.83	122,616.83	0.00
Incumbered			
Balance	122,616.83	122,616.83	0.00

140 - Labor Situation

There was little improvement in the labor situation in the past. Although we were able to increase our crews considerably during the month, and give employment to several hundred men, there were hundreds who applied and who were not able to be accommodated. Some very pitiful cases presented themselves. One thing is certain, that is, the men who are selected are turning out the maximum of work, and there are very few slackers found among those employed. The men realize that they must work hard in order to hold their jobs.

150 - Equipment and Supplies

Carload shipments received and handled through the storehouse for the month are as follows: 8 carloads lumber, one carload gasoline, 2 carloads sewer pipe, four carloads cement, 7 carloads road oil, one carload coal, one carload reinforcing steel, one carload cedar telephone poles and one carload brick. Large shipments of plumbing fittings, electrical supplies, hardware and tools were also received. Other equipment received includes a steam boiler for the Gardiner oil heating plant, a snow plow, three coal ranges, five heating stoves, one electric range, one drawing table, three office wall clocks, 24 kitchen chairs, for the Mammoth mess, one welding outfit complete, for the plumbing department, and two steel boilers for the Mammoth oil heating system. Fifty thousand survey stakes, and 92 coils of copper wire were received for stock, as well as a large supply of other miscellaneous items.

170 - Plans, Maps and Surveys

Work consisted of engineering supervision chargeable to construction projects under way and the making of blueprints and sketches for other departments. Two survey crews with a total of six men were employed and a roofer assigned to each of the three post-construction maintenance projects to act as timekeeper and handle the engineering features.

180 - Circulars, Publicity, Bulletin, etc.

Circulars Nos. 6, 6 and 7 were issued during the month, and copies are attached hereto.

J.H. Sander, who handled our publicity work last summer, arrived in the park on June 15, and will engage in the same work this year. A number of telegraphic news dispatches were sent out, as well as many memoranda for the press. Copies of the latter are attached hereto.

Section 1 - 01

The first section of the document discusses the general principles of the organization. It outlines the mission and vision, and provides a brief overview of the structure and operations. The text is written in a formal, professional tone and is intended to provide a clear understanding of the organization's goals and objectives.

Section 2 - 02

The second section of the document details the organizational structure and the roles of the various departments. It describes the reporting relationships and the responsibilities of each position. This section is crucial for understanding how the organization is managed and how the different parts of the organization work together to achieve its goals.

Section 3 - 03

The third section of the document discusses the financial aspects of the organization. It provides information about the budget, revenue, and expenses. This section is important for understanding the financial health of the organization and how it is managed.

Section 4 - 04

The fourth section of the document discusses the human resources of the organization. It provides information about the recruitment, training, and development of staff. This section is important for understanding how the organization attracts and retains talent and how it invests in the growth of its employees.

200 - Maintenance, Improvements, and New Construction

210 - Maintenance

Organization of maintenance crews for all sections was complete by June 10 and maintenance features well under way on that date. Snow removal was the heaviest for several years and some sections were opened barely in time for the official park opening. Snowplows were rented from both Idaho and Wyoming, for use on the road between West Thumb and the South Entrance and the plow purchased by the Park Service cleared the road between Old Faithful and West Thumb, after which it was used to widen the single track on the West Entrance section. The Sunraven Pass road was opened to traffic on June 17 and the South Entrance and Old Faithful-West Thumb route on June 18. The St. Washburn road was cleared of snow for its entire length on June 28 but is still in poor condition and probably will not be opened to traffic before July 4.

Road oiling as a maintenance feature began on June 12 and has consisted of the treatment of approximately nine miles, divided, four miles of dust palliative treatment and five miles of processing. The sections of palliative oiling and one mile of processing were confined to the Mammoth area and the additional three miles of processing were on scattered sections throughout the park.

Cloudbursts during the night of June 28 badly damaged the Cooke City road but caused no delay in traffic. However, about noon of the following day an overloaded truck, owned by contractors on the Red Lodge-Cooke road construction, broke through and entirely destroyed the east span of the Bear River bridge, closing that section to traffic until about July 3.

Heavy rains and high water of the Snake River caused considerable damage on the West Forest road during the last 10 days of the month, but with the exception of short delays of not over an hour, travel has not been hindered.

Maintenance on the South Forest road has offered no special problems and the section is in good condition except for dust. The regular mobile crew was organized on June 1 and has worked the entire section between Moran and the south gate by June 28.

220 - Improvements

Carpenter Shop: The employees of this department were engaged in regular maintenance and repair work on employees' quarters and other buildings in the park. The Gallatin ranger station was re-sidled and repaired. The addition to the Lake ranger station was completed.

Shops: The usual repair and upkeep of equipment was done. All equipment has been overhauled and in first-class condition.



11120-2. Replacing culvert washed out by flood waters on East Forest Road.



1115-3. Snow crew hauling supplies into Lewis River Camp with sled (6/10/32)





11120-1. Wyoming State Highway snowplow clearing snow on South Entrance Road, near Lewis River (6/12/32)



11120-3. Park Service snowplow widening drift in Sylvan Pass. (6/17/32)





11130-6. Rock and mud slide on Dunraven Pass Road. This slide originally extended across the road but partially cleared away, project #348.



1119-1. One span of Lamar River bridge broken down by overload.



Painting Department: Besides regular maintenance and repair work, the renovating of the museum at Mammoth was completed.

Sanitation Department: - Mammoth - operating and maintaining the water and sewer systems. Thirty-four house connections were made to the new Mammoth sewer system. Six heating plants for heating the various buildings were maintained and operated. The comfort station at Mammoth campgrounds was completed. Work was started on the new boiler room in building No. 15, removing old heating plant and moving the partition. General plumbing repairs and minor improvements were made to several buildings at Mammoth. The incinerator was operated during the month. The regular work of hauling garbage from the Mammoth area and campgrounds, the cleaning of campgrounds, three comfort stations, showers and laundry was carried on as usual.

pollinaria Springs - operating and maintaining the water system sewerage system and one comfort station, cleaning of campgrounds and parking areas, cleaning of all small campgrounds to Morris.

Morris Area - operating and maintaining one water system, two sewerage systems and one comfort station, cleaning of campgrounds and parking areas, cleaning of all minor campgrounds to Madison Junction and West Yellowstone.

Madison Junction - operating and maintaining one water system, two sewerage systems and two comfort stations, cleaning campgrounds and parking areas, also earth toilets, cleaning of all campgrounds and parking areas, to Old Faithful.

Old Faithful Area - operating and maintaining two water systems, two sewerage systems and four comfort stations. The sewage at this point is chlorinated, operating one garbage incinerator and cleaning of campgrounds and parking areas to West Thumb.

West Thumb Area - maintaining and operating one pumping plant with gasoline engine for water system, operating and maintaining one sewerage system and four comfort stations, cleaning of campgrounds and parking areas to South Entrance. Work was started on one garbage incinerator June 1, all concrete work being completed and roads built to incinerator from main highway. Excavating and backfilling 557 cu. yds, laying 3,475 feet of 2" galvanized water pipe, for supplying the new incinerator.

Lake Area - operating and maintaining one water system and one sewerage system, the sewage being chlorinated at this point, requiring one chlorine machine. Operating and maintaining two comfort stations, and one garbage incinerator.

Fishing Bridge Area - operating and maintaining one water system, three sewerage systems and four comfort stations, also one garbage incinerator, hauling garbage and cleaning of campgrounds. All parking areas and campgrounds were cleaned to the east entrance. Construction work - extension fishing bridge onto camp - building 5,500 feet driveway 40 feet wide and constructing 1,500 feet of guard rail, moving the fishing bridge ranger station to new site by new entrance to camping area.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY

REPORT ON THE PROGRESS OF RESEARCH
DURING THE YEAR 1954

BY
J. H. GOLDSTEIN

DEPARTMENT OF CHEMISTRY
UNIVERSITY OF CHICAGO

CHICAGO, ILLINOIS
1955

THIS REPORT IS A SUMMARY OF THE RESEARCH
CONDUCTED IN THE LABORATORY OF
J. H. GOLDSTEIN

THE RESEARCH WAS SUPPORTED BY
THE NATIONAL SCIENCE FOUNDATION
AND THE UNIVERSITY OF CHICAGO

THE RESEARCH WAS CONDUCTED IN THE
LABORATORY OF J. H. GOLDSTEIN
UNIVERSITY OF CHICAGO

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LABORATORY OF J. H. GOLDSTEIN
UNIVERSITY OF CHICAGO

Last Entrance - operating and maintaining one water system and one sewerage system, cleaning campgrounds and earth toilets.

Canyon Area - maintaining and operating three hydraulic engines for supplying water to the auto camp, store, ranger station, cafeteria, etc. Operating and maintaining six comfort stations, one garbage incinerator, one water system and three sewerage systems, cleaning campgrounds and parking areas. Cleaning all minor campgrounds and parking areas to Tower Junction, cleaning toilets at Washburn.

Tower Falls - operating and maintaining one water system, one sewerage system and one comfort station, cleaning campgrounds and parking areas. All minor campgrounds were cleaned from Tower Falls to Cooke and to Mammoth.

Buffalo Ranch - operating and maintaining one water system and one sewer system.

Electrical Department:

Telephone maintenance and reconstruction - On June 1 a crew of about 18 men (increased to 30 by June 16) began reconstructing the telephone line from the Last Entrance to Lake Station, using cedar poles and placing two #8 copperweld line wires on brackets, replacing the present #9 wire grounded circuit.

Regular telephone maintenance - During the month a crew of four men were busy repairing various telephone lines as follows:

Cooke City line - 58 old poles reset and slack wire taken up - 7 days work

Cravice line - 24 old poles reset
26 new poles reset

one-half mile line changed from trees and placed on poles - 11 days work

Canyon to Mt. Washburn line - 7 days repairing line

Thumb to Lewis River - 3 days repairing line

Thumb to Lake Station - 4 days repairing line.

Three men repaired 13 miles of line from Snake River to Sechler River - 18 days work.

Electric System - Construction. The new addition to the Lake Ranger station was wired for lights. Wired the new comfort station at Mammoth for lights.

Maintenance - The recalibrating of all switchboard meters at the power house at Mammoth was accomplished during the past month. General repairing and minor improvements were also made to several buildings in the park.

230 - New Construction

Project 492, Mammoth Sewer: an average crew of approximately 50

men was employed on the project during the month, with the installation of 4400 lineal feet of main line and 1000 feet of service laterals as accomplishments. There were 1422 lineal feet of service laterals also installed for the utility operators by government crews, the expense of labor and supplies being borne by the operators.

Project 484, Mammoth sewer: This is identical with project 483 above, except that expenditures were from the 1932-35 funds.

Project 534, West Gallatin Surfacing and Paving: The crew for this project was organized on June 1, with headquarters at the permanent maintenance camp and the crushing plant set up at a gravel deposit near the Ranger station. Surfacing of approximately five miles had been completed at the end of the month.

Project 535.2, Parking Area, Madison Museum: Work started on this project on June 27, too late to show any material accomplishment.

Project 541, Firehole Escarpment-Obsidian Cliff Betterment (Post Construction, Maint.): A crew of 15 men and one three-ton dump truck was installed in camp near Gibbon Falls on June 15. All slides of any considerable size have been cleared and practically all ditch cleaning has been completed.

Project 543, Canyon Junction-Lower Falls Betterment (Post Construction Maint.): A crew of 8 men with necessary equipment was established at the camp abandoned by the contractor about 5 miles above Canyon Junction, on June 17. The first week was spent principally in clearing snow from the road bed and keeping the drainage open. On June 25 the crew was increased to 20 men and additional trucks and equipment assigned. Approximately 200 yards of slide material have been removed to 2 to and three miles of side ditch opened and cleaned.

Project 549, East Entrance Road Cleanup (Post Construction Maint.): A crew was organized and established on June 14 with 15 men and two heavy dump trucks as equipment. Thirty-two large slides had occurred on this section during the winter and spring, with an aggregate of 3000 cubic yards, mostly rock. Fourteen of these slides with a total yardage of 1035 have been completely removed to date and enough work done on the remainder to make the section safe for traffic.

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1119-5. Gravel crushing plant in operation on West Gallatin Road,
project #534.



11170-5. Blasting on north entrance Road. The 1931 conditions, project #549.





1119-4. Close view of broken section. Truck and equipment owned by contractor working on Red Lodge-Cooke road construction.



300 - Activities of Other Agencies in the Park

310 - Public Service Contractors

The lodge and hotel companies opened their offices in the park on June 1, and moved their crews here. The general store at Mammoth was open during the entire month, and accommodations were available in the housekeeping cabins throughout the park for early June visitors. The general store, gasoline stations, and cafeterias were also in operation from the first of the month. The lodges and hotels were able to accommodate guests on June 16, and the store at Tower Falls opened on the same date. All the park operators complained of a large falling off in business and while the lodge company's receipts were about 45% less than last year, the decrease in the hotel and transportation businesses was nearer 60%. The decline in travel naturally affects the business of the park operators, but those visiting the park are doing so with a minimum of expense, and seeking the cheaper type of accommodations. Even before the end of the month it was necessary for some of the operators to curtail their forces, and where possible the employees were permitted to work alternate days, in order that those who have reported for work may be kept employed. This appears to be a very fair way of handling the employees who have gone to the expense of coming to the park with the expectation of a summer's work.

311 - Character of Service to the Public

On a whole the character of service rendered to the public was very good and few complaints were heard. However, local employees continue to complain of the change in effect of the "bittaker" store taken over by Fryer and Erickson, and many of the employees are buying elsewhere as much as possible. This has been called to the attention of Mr. Fryer, and he is making an effort to correct the situation to satisfy all of the Mammoth residents. There is a great deal of cash business to be secured by the operator from the permanent employees, and unless our people are properly handled they are prone to buy elsewhere where prices are cheaper.

313 - Schedule of Rates

The price of gasoline in the park was changed several times during the month. The first approved rate for the season was on June 3, and the price at Mammoth was set at 23¢ per gallon, and at other points at 23¢. On the 6th, in order to keep the price in the park the same as at West Yellowstone and Gardiner, the price in the interior of the park was raised to 23¢ per gallon, making it the same at all points in the park. On June 11, the date the government tax went into effect, the price of gasoline at all points was increased 1¢, making the price 24¢ per gallon. The rate was again changed on June 20 to meet an increase of 2¢ per gallon.

CHAPTER XXXIII - 101

At this time the author's health continued to improve, and he was able to resume his usual mode of life. He was particularly pleased with the success of his travels, and the acquaintance he had made. He was also very much interested in the progress of the war, and the conduct of the British army. He was particularly struck with the bravery and discipline of the British soldiers, and the skill and courage of the British officers. He was also very much interested in the conduct of the war, and the conduct of the British army. He was particularly struck with the bravery and discipline of the British soldiers, and the skill and courage of the British officers. He was also very much interested in the conduct of the war, and the conduct of the British army. He was particularly struck with the bravery and discipline of the British soldiers, and the skill and courage of the British officers.

CHAPTER XXXIV - 102

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CHAPTER XXXV - 103

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on the tank wagon price, and which change was also put into effect at West Yellowstone, making the cost 28¢ per gallon at Mammoth and 28¢ per gallon at all other points in the park. There was no change in the price of oil over that of last year.

400 - Flora, Fauna and Natural Phenomena

410 - Ranger, Naturalist and Guide Service

The chief ranger made a great many various inspection trips over the entire park and several trips over Yellowstone Lake during the past month. The usual protection and observation patrols were made by the ranger department. Even though the travel for the past month has been considerably less than a year ago for the same month, the decrease did not seem to lessen the amount of work to be done. Only two motorcycle rangers have been on patrol the latter part of the month, because the two new machines ordered were not available and another one was being repaired in the shop.

During the entire month of June a large number of men have been employed on maintenance and construction of various trails throughout the park and at the end of June all of these trails were in excellent shape. There is still one crew of six men working around the park on the Howard Eaton Trail.

Twenty-nine of the temporary rangers reported for duty on June 16. This same evening the regular meeting for the purpose of giving instructions to the temporary personnel was held. This meeting was claimed to have been a very successful one and many of the temporary men voiced their appreciation on the instructions they received before going to their stations. On June 17 all of the new temporaries, that is those men who had not been here the year before, were given a trip around the loop in order to show them the many attractions and the road system which they will have to explain to our visitors during the summer season. The remainder of the temporaries reported for duty on June 20. As all of these late arrivals were former rangers no trip was given to them and they were taken to their stations the same day.

420 - Museum Service

THE SECRETARY OF THE ARMY AND NAVAL DEPARTMENT
WASHINGTON, D. C.

OFFICE OF THE SECRETARY

NAVY DEPARTMENT

TO THE SECRETARY OF THE ARMY AND NAVAL DEPARTMENT
FROM THE SECRETARY OF THE ARMY AND NAVAL DEPARTMENT
SUBJECT: [Illegible]

[Illegible text]

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OFFICE OF THE SECRETARY

I Current Operations

2. Public Contact - The Old Faithful Museum was opened to the public June 1 with hours from 8:00 a.m. to 5:00 p.m. The month's museum opening was delayed until June 2 due to the delay in the completion of the interior redecorating and placement of exhibits. The hours were from 8:00 a.m. to 5:00 p.m. Beginning June 17 these museum hours were changed from 7:30 a.m. to 10:00 p.m. On June 17 the museum at Norris Basin and Madison Junction were opened from 8:00 a.m. until 7:00 p.m. The total museum attendance for the month was 21,457 as compared with 10,700 for last year. Total contacts were 40,181 as compared with 29,495 for last year.

1. Guided Trips - A number of changes have been made this year in the guided trips offered at the various centers. Following a suggestion of Director Wright a sunrise hike of 5:30 a.m. over the formations was inaugurated to take the place of the evening hike of last year. This early hike permits the late arrival of the evening to take the guided trips over the formations before breakfast and make their stage connections for Old Faithful without inconvenience or delay. Beginning with five to six on the first few trips this hike has increased to 20 and 25 people and they have commended this activity most highly.

The 8:00 a.m. Terrace-Crest Trail combines a walk over the formation as far as Terrace Gorge Terrace and from there the walk leads through the forest over the ridge leading to Liberty Gap by way of Clastic Gulch. This new nature trail which has been planned for several years was completed early in June by the ranger department. All guided trips start from Liberty Gap this season. After due consideration based on the suggestion of senior naturalists and the complaints of the operators the number of guided trips at Mammoth and Old Faithful have been reduced in number as compared with last year. The feeling was that such trips were usurping too much of the visitors' time at these points. And for the general feeling is that the new schedules are more satisfactory.

In an endeavor to meet the many requests for longer hikes such as are provided in other national parks all-day guided trips have been inaugurated at Mammoth, Madison, Old Faithful, Fishing Bridge and Tower Falls. While only a few have been taken thus far, one a week being scheduled at each point, they have been appreciated by those who have participated and we look for greater numbers during the coming month. The trips scheduled for Mammoth include Mt. Sigurdson, Electric Peak, Laurel Peak, Mt.verts and Tappan Falls. At Old Faithful, Miller's Lake and Madison Plateau; at Madison Junction trips start in three times a week, and there the nature walk is combined with fire patrol duty, the naturalist having assumed some ranger duties at that point. While no all-day hikes have taken place at Fishing Bridge, trips to Steamboat Point, Miller Falls and Elephant Back ridge are contemplated during July. At both Mammoth and Old Faithful the nature walks have been shortened in distance.

Extensive repair and cleanup of all trails was accomplished by the rangers early in June. The old nature trail in Glenatic Gulch is now a self-guiding trail the labels having been prepared for this trail and a self-guiding trail at Old Faithful during the month. The total number of trips from June 17 to 30 numbered 136 with attendance of 4,069.

2. Lectures - Illustrated lectures are being given at Mammoth Hotel, Mammoth Camp, Old Faithful museum, Lake Lodge, Canyon Lodge and Fishing Bridge amphitheatre. Lectures without slides are being given at Mammoth into camp amphitheatre, Park museum, Old Faithful bear-feeding grounds and Old Faithful camp, as well as at West Thumb into camp, Lake Hotel, Tower Falls into camp and Roosevelt Lodge. In addition, short informal talks are given at Canyon bear feeding grounds and on St. Scoburn. The lectures for the month total 127 with attendance of 1,047, as compared with 176 lectures and an attendance of 18,000 last year.

The captive talks and guided trips at West Thumb, Canyon bear feeding grounds and at St. Scoburn are made possible through a co-operative arrangement with the protection department. Mr. Lowell Colburn through the cooperation of the U. S. Bureau of Fisheries, is giving lectures and guide service at the fish hatchery as he did last year. The lecture schedule for the 1932 season in Yellowstone National Park is given in the attached schedule of activities.

3. Auto Caravans - The auto caravans at Old Faithful and Mammoth have been scheduled for the afternoon rather than in the morning with the idea of encouraging more people to participate in the walking trips during the morning and also hoping that afternoon trips would hold more parties over for another day at these points. The experience of last year showed that people packing up their cars in the late evening for the morning caravan did not return to that point for a further stay until sometime on to some other part of the park, such as the disappointment of the operators. In these changes with regard to the caravans and also the changes noted under guided trips, it is the desire of the administrative department to cooperate as fully as possible with the operators during this season which is a most trying one for them.

An innovation in caravans is scheduled at Canyon under the title of "game stalk." At sundown a caravan led by a ranger-taxi-ist goes out into Hayden Valley and the bear-feeding grounds to see the game. The largest number of cars that far has been 17 and in one evening moose, elk, deer, prairie dogs, black bear, beaver and muskrat have been observed by the tourist. This activity had met with great enthusiasm on the part of the visitors and hearty approval of our officials, for during the past years thousands of visitors have left the park without seeing any of the big game animals. A similar evening caravan will be tried out during July from Mammoth, visiting Willow Park and Paradise Cliff. This type of caravan is not scheduled as a regular activity but is planned for at least once or twice a week. The number of trips total 22 for the month with 579 cars and an attendance of 2226 people, this being an in-

crosses over last year's record of 11 trips, 404 cars and 1727 people.

4. Exhibits - The museum attendance for the month was 11,437 as compared with 10,700 for last month. Such favorable comment has been received regarding the exhibits from the visitors and members of the permanent staff. The new web floor, the light tinted walls and ceiling and the new skylight will however have brought a great transformation. Among the month new exhibit cases, both the aisle and wall type, have been ordered to house the wire skeletons and all the smaller mammals. Included with this order is a metal storage case for the herbarium. The new information desk and book display case was ordered and delivery will be made early in July. This desk will add greatly to the appearance of the front and the efficiency of the information service.

A trip was made to Millings by Mr. Russell and the assistant park naturalist to arrange for all the printed labels necessary for the completion of the fishing traps exhibit and also the floor stands. New metal floor stands have been moved to fishing traps and installed.

Tree sections of a variety of trees have been carefully prepared for the 12 circular window court. Through the cooperation of Assistant Chief Ranger Fred Johnston, these were made possible. These sections are 3 feet in length with the various types of cuttings made showing the heart of the tree, a cross section and tangential cuts. Vicker mounts of the foliage and blossoms have also been prepared to be included in these exhibits.

5. Special Parties - In our program of activities for this season the afternoons will be devoted to entertainment of special parties. A brief mention is made of some of the parties conducted this month:

- June 10 - 65 Potatoes at Kenneth and Loris again.
- June 13 - Faculty member from Univ. of Minn, through the Beaver pond
- June 27 - 12 members of Burlington four wheel over the Terrace.
- June 29 - 112 members of Milwaukee railway party entertained at Loris again.

At Old Orchard, the ranger-naturalists have had a splendid opportunity to entertain the following who were guests at that point for five days or more:

~~Mr. Johnson, and his wife and children, who are the present time in collecting in the Frederic district, Bureau of Agriculture, Cambridge, Mass.~~
Col. and Mrs. Mrs. J. Armstrong, of 1125
Julius S. Robinson and Paul Spicer of Chicago who are "Tourist Club" friends.

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Section of faint text at the bottom of the page, possibly a conclusion or footer.

8. Ranger-naturalist staff - Two of the seasonal ranger-naturalists entered on duty June 1, and the remainder on the 16th. Personal interviews were held with the new men on the morning of June 12 and also with the senior naturalists. The pre-season trip began the afternoon of the 12th, with a trip over the Mammoth Hot Springs formation and the new nature trail. The trip through the park occupied the time between June 12 and 18, inclusive. The first day covered the region between Mammoth and Old Faithful. Following morning devoted to museum and trails at Old Faithful and the party doubled back to Lake and the fish hatchery. Fishing Bridge museum was visited in the afternoon and night spent at Canyon. On the 15th the party spent the morning on the Canyon trails and returned to Mammoth in the afternoon by way of Sunraven Pass and Tower Falls. A side trip was taken up the lower valley as far as Soda Butte. The new men were very conscientious in their work throughout this trip and seemed to be greatly helped by it. On the return to Mammoth the permanent staff met at Fryor's coffee shop to become acquainted with the new naturalists and former ranger-naturalists. A delightful dinner party was enjoyed. The occasion also served as a reception for Dr. C. Max Bauer, who arrived in Yellowstone Park June 15, to assume his duties as park naturalist.

II Permanent Projects

Library - Twelve magazines and public time were received to be filed for reference purposes.

Museum Accessions - Forty-eight books and pamphlets have been accessioned. From Dr. Marshall, of Livingston, we received what is believed to be the last photograph of Chief Plentycoos. From Mrs. Fryor, a pair of sun glasses and case used on the "formation hikes" during the 90's. An early photograph of Golden Gate, hand-tinted, was presented to the museum by J. . Haynes. A collection of chromolithographic reproduction of water color sketches done by Thomas Moran, artist to the Hayden expedition of 1871, was made possible for the Yellowstone Museum through the Washington office.

Lantern Slides - A collection of 60 lantern slides of winter scenes in Yellowstone was presented as excellent material for lecture possibilities this summer. The Haynes studio prepared these, and they are to be used by Chief Ranger Dingley. The first two lectures were given at Old Faithful and Fishing Bridge and were received with much favorable criticism. These scenes were secured after careful selection from more than 200 negatives comprising the work of permanent rangers, winter keepers and park officials.

440 - Insect Control

Throughout the latter part of June a large number of the bug infested trees in the campgrounds, at the various main points of interest, and along the roadsides have been cut, piled and burned.

Shortly after the first of July spraying operations for the control of aphids in the Mammoth Hot Springs campground area will be carried on. It is sincerely hoped that this spraying will help considerably in saving the trees in the Mammoth campground.

460 - Birds

The usual numbers of birds are prevalent over the entire park. An estimated number of 500 pelicans are once more nesting on Holly Island in the northeast arm of Yellowstone Lake. The pelicans on Holly Island are now being given protection and it is hoped that a fairly large number of young will be raised this year. Large numbers of ducks and geese may be seen on all of the waters over the entire park. All of the summer birds are now here and their singing is heard constantly and many comments have been received from visitors on the number of birds they have been able to observe.

470 - Animals

Nearly all of the wild game have moved back to their summer range. Forage conditions are good in the higher country, but at the end of the month the grasses in the lower ranges were turning brown.

Elk - Many elk are being seen along the roadsides by the visitors, who have been greatly pleased to be able to take photographs of them in their natural habitat. The condition of all elk seen is noted as very good, with large numbers of calves being reported from all the districts in the park.

Deer - The condition of all deer seen is noted as excellent with favorable forage conditions. All of the deer have now acquired their summer coats and, like the elk, many of them are being seen along the roadsides by our visitors.

Antelope - The antelope are all now on their summer range on the slopes of Mt. Norris and Soda Butte Creek, up the lower end of the lower Valley. Occasionally a few of these animals are seen along the roadside between Tower Falls and Cooke. Their condition is noted as excellent. A good percentage of kids have been ^{seen} this year.

The first part of the report is devoted to a general survey of the situation in the country, and to a description of the various departments of the Government.

The second part of the report is devoted to a description of the various departments of the Government, and to a description of the various departments of the Government.

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Elk - Larger numbers of elk have been seen this month by the visitors to Yellowstone than has been the case for the past several years. At almost any time of the day during the past month one to 20 of these animals could be seen feeding in open oak flats and willow areas, or in the vicinity of Beaver Lake. All of the visitors are deriving a great deal of enjoyment from the massive population in Yellowstone due to the fact that they may see these animals in such close proximity to the road.

Buffalo, Lamar River Herd - The entire Lamar River herd of buffalo have drifted to their summer range in the higher country adjoining the Lamar Valley. No losses of these animals have been noted during the past month. A great many buffalo calves have been seen. However, to date no count has been made.

Buffalo, Mammoth Snow Herd - The buffalo for the Mammoth snow herd which were captured and held at the Buffalo Ranch, were brought to Mammoth on June 12. They were rounded up daily commencing June 12 and held in the small corral for the visitors to observe closely and it was noted that a great many of the visitors were taking the greatest interest in getting photographs of these animals. There are five of this year's calves among the herd. We might mention here also that the snow herd this year shows the best cross section of the Lamar River Buffalo herd than has ever been kept at Mammoth Hot Springs. During the month of June the attendance at the buffalo corral was 3,243, as compared with 2,894 last year and 2,780 in 1930.

Mountain Sheep - No sheep were seen during the month.

Bears - A decrease in the number of bears visiting the park feeding grounds at Lake, Canyon and Old Faithful has been noted during the past month. In this connection we might also mention that a decrease in injuries and damages caused by bears has also been noted. We now have at Canyon, Lake and Old Faithful large steel bear traps with the intention of taking any bears causing trouble for rides to other parts of the park. It is hoped that transporting these bears from one locality to another will help to stop the many damages and injuries which occurred last year. To date it has been necessary to trap one bear at Canyon which was taken to Gibbon Meadows and liberated.

Bear Damages - There were 18 bear damage reports submitted during June. Complete reports of these damages have already been sent in.

Bear Bites - Only two bear bite reports were submitted during the month. Complete reports will be submitted under separate cover.

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Fishing - All the park waters during the past month have been considered as excellent for fishing. However, in view of the decrease in the number of visitors a comparative decrease is also noted in the number of fish taken. To date 17,000 fish have been taken from the park waters as compared with 27,000 last year and 11,000 for 1950.

480 - Natural phenomena

The monthly trip over the hot springs formation was made June 28, and the following changes and conditions were noted:

Hyman Terrace continues to be one of the most beautiful of the hot springs this month. The top basin is again filled to overflowing and seven or eight of the large basins on the west side are now filled with water and the color is returning. In one place the flow of water is covering a portion of the north side and increasing slightly. On the west side it is widening slowly as the smaller basins are built up and extended. The largest outlet for the hot water is just below the top basin to the west and the area of yellow sulfur bacteria is quite extensive. The low slopes of the principal flow are building up rapidly in nature basins and the predominating color of the algae is brown.

Diana Terrace is practically the same as last month, with no noticeable change in its flow.

Birnie Terrace is still dormant. A slight seepage is evident on the lower side of Luana Terrace with brown discolorations in evidence where algae are active. The large outlets on top are the same as during the past two or three months.

Lain Terrace shows a little increasing activity at the west end.

Algebra Terrace is still gradually extending its basins toward the west. The flow of water reaches quite some distance down the slope below the terrace and its color varies from pure white to various shades of brown and yellow. The smaller vent on the southeast extended over a larger area.

The new activity near Lucius Cove shows increase in one of the cracks that opened up during the past ten months and an area 8 feet wide and 30 feet long on the slope is well covered with sulfur bacteria and water is spouting from the crack to a height of 8 feet. Just above this activity on the loop road the area that has been in evidence there all spring is decreasing in size and perhaps to this outbreak about 20 feet below.

Narrow Gorge is still showing a little activity.

Crater Ground remains the same as last month.

The tearing fissure on the loop road shows no change from the past reports.

Final Terrace is still extending its activity toward the south and the flow of hot water is passing through the edge of a wooded area. Almost all of the flow is confined to a large crack on the west slope. The flow is so great that basins are now building up as they did on the

1898 - The first year of the new century
was marked by a series of events
which were of great importance
to the world.

The first of these was the
outbreak of the Spanish-
American War in April, 1898.

This war was the first
in which the United States
fought against a European
power. It was a war of
great importance, as it
marked the beginning of
the United States' rise
to world power.

The second of the events
of 1898 was the
outbreak of the Cuban
Revolution in January.

This revolution was
the first in which
the United States
supported a foreign
people.

The third of the events
of 1898 was the
outbreak of the
Cuban Revolution in
January.

middle and north slopes. The large outlet or vent on the top which was so active during March and April is entirely closed. A little water is flowing from the crack at the north edge. The large basins that were in the center of the terraces, so beautiful early in the spring, are entirely empty.

Gas activity to the southwest about 1.5 feet continues to spread over a flat area perhaps 20 by 70 feet. Several new vents extending along a crack are in evidence.

Blue terraces appears to have decreased in activity and the water has ceased to flow to the north. The overflow is entirely on the west edge to the Grand Terrace.

Jupiter Terrace has decreased greatly in the past two months. The flow is quite slow, and the edges are of a yellowish-brown color. No temperatures were taken this month with the exception of the following:

Spring times - June 17, 1932

Blue Springs	25°C	Another spring above	
a spring 10 feet from		the aforementioned	
Blue Springs which has		spring	80°C
no flow	45°C		

Horrid Main

Last year Valentine played weekly and now plays about every other day. Whirligig plays regularly every 30 minutes. It did not play over 20 or 30 times all last season.

Constant plays every minute; for a while last year it played every four minutes.

Blue or Jasper Basin

The Active crater has not been observed in eruption since August 20, 1930. Maisy plays at an average interval of 30 minutes. Individual spurts this season reach at least 25 or 30 feet. Smith's pool has not functioned as an indicator. The interval of Maisy plays this season, June 20, was two hours and 30 minutes.

Eight has been boiling vigorously for about two weeks. It has not been observed in eruption since October 1, 1931.

The Winter erupted on June 2, 1932, for a duration of 20 hours and 30 minutes. The maximum height was slightly more than 100 feet. A tremendous volume of water washed out the trail in three places.

The Grand interval has varied from 12 to 24 hours. The number of spurts has varied from six to 19. The general action was beautiful.

Handkerchief pool is entirely inactive. It is merely a tiny pool.

Jewel is functioning beautifully as a "handkerchief pool" and furnishes visitors a real thrill. It plays from five to seven minutes.

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APPENDIX

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Riverride geyser has been playing at intervals just about of eight hours.

Rainbow pool no longer has the rainbow hues afforded by the algae in former years. It has been observed erupting frequently from five to 15 feet. This action has broken a part of the crater and the hot water has killed the algae.

Kettle Spring has not yet reached its normal action or appearance since the dry of the winter of June 1. The water is still lowered at less than 10 inches.

Long Spring is practically dry. Activity of the Tripletts and nearby vents is much more pronounced than last year.

Morning Glory pool has regained its color and it is as beautiful as ever. Empire pool is still one of the most beautiful springs in Yellowstone. It is interesting because of its being superheated, and because of its brilliant blue color.

500 - Use of Park Facilities by the Public

510 - Increase or Decrease in Travel

Preseason park travel was somewhat lighter than last year. The last entrance road, the South Entrance, was opened on June 16. The close of the month showed 33,410 people entering by private transportation as compared with 46,627 last year, and 974 by train as compared with 2,301 last year. Comparative totals for all people entering are 34,384 for this year to date with 48,928 for last season. At the close of the month, total travel was 15,403 less than last year.

530 - Visitors

- 1 - Kroilman, Gustav, Minneapolis, Minn., Instructor, Minneapolis School of Fine Arts and Landscape Painter. Went out to park by Northern Pacific Railway to paint number of pictures. Left via north gate June 17.
- 2 - Lubich, Fritz, Kiel, Germany. Went out by Brick House Field of Germany to travel 10 years in America, on foot, to learn methods and ways of trade in this country. Left via north gate June 22.
- 4 - Hender, Sir Charles, Wolverhampton, England. Resident Retarian of England and personal representative of President of Rotary International. Accompanied by Lady Hender and Retarians Fred Bennie of Oregon, Boston, and Sterling Woods of Illinois. Out east gate June 4.
- 6 - Locke, E. S., Chicago, Ill. Conservation Director for Izaak Walton League of America. Attended cooperative life conference at Washburn. Out west gate June 6.
- 7 - National Federation of Women's Club Party. Party from Kansas and Missouri, en route to Anti and convention. Made one day trip to Midway Island only, entering and leaving via Garliner.
- 14 - Mansdell, E. R. Minneapolis, Minn. Prominent architect of Minneapolis and member of President's Advisory Commission who visited park in 1928. Accompanied by Mrs. Mansdell. Out east gate June 19.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5700 SOUTH CAMPUS DRIVE
CHICAGO, ILLINOIS 60637

RECEIVED
JAN 15 1964
FROM: [Illegible]
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18- Notarian party, ninth district. Mostly from Minnesota, North Dakota and Douglas County, Wisconsin. Made one day trip to Morris, Canyon, Tower Falls and Mt. Rushmore same day. Dr. C.P.L. Sheriden of Rochester, Minnesota in charge. About 65 members.

20- Friends, Col. Claude L., Greenwood, Maryland. With chemical warfare service, Edgewater Arsenal. Friends of Col. C.N. Birdseye of Geological Survey. Out July 22nd.

21- Dicrananets, W.L., Casper, Wyoming. Advertising manager of the Voice of the Sportsman, Frank Walton League Magazine. Out east Dist.

24- Schuh, Dr. W.L., Washington, DC. Smithsonian Institution staff. Especially interested in alpine. Out north 26th.

25- O'Hern, Col. W.L., San Francisco, Calif. US Army, 9th Corps Area, under General Malin Craig. Out south 26th.

Laurence, Sidney, St. Paul, Minn. One of leading artists of the country. Visiting park for Northern Pacific Railway to make paintings. Will remain about a month.

27- Mackill, Dorothy, Hollywood, Calif. Motion picture star. Accompanied by her husband, Neil Miller. Spent several days fishing at Lake. Out with July 3.

Chaw, Miss Goldie, Anacostia, Washington. Sister of contact held in state of Washington giving free trip to Yellowstone. Out earlier July 3.

30- Field, Dr. Richard B., Princeton, N.J. Professor, Department of Geology, Princeton University. One of principal speakers on program of American Society of Civil Engineers meeting at Old Faithful, July 6-9. Greatly interested in geology of park.

600 - Protection

610 - Police Protection - nothing to report

620 - Fire Protection

On June 6 a meeting was held, with members of all the adjoining national forests and members of the Park Service in attendance, at Mammoth Hot Springs for the purpose of drawing up cooperative plans to meet any fire emergencies for the coming fire season. At this conference there were a large

THE UNIVERSITY OF CHICAGO
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TEL: 773-936-3700

PROFESSOR [Name]
[Address]
[City, State, Zip]

Dear Professor [Name]:

I am writing to you regarding [Topic].

The [Topic] is of great importance to our field.

I have reviewed your work on [Topic] and find it very interesting.

Your findings on [Topic] are consistent with our own research.

I would like to discuss this further with you.

Please let me know when you are available for a meeting.

Sincerely,
[Signature]

[Name]
[Address]

[City, State, Zip]

Enclosed are [Number] copies of [Document Name].

number of the permanent rangers, as well as the administrative officials of Yellowstone park, with members from each of the adjoining national forests namely; the Absaroka, Gallatin, Madison, Park, Teton, Starbuck and Shoshone.

An open discussion was held on many of the points pertaining to the fire organization plan for Yellowstone National Park and the adjoining forests. A committee was appointed to draw up an outline form to be used in all of the cooperative plans between the park service ranger districts and the forest service districts.

The conference was a large success from all angles and it is expected that the cooperative plans drawn up this year will fill a much needed understanding between the adjoining forests and Yellowstone park.

630 - Accidents

June 18 - Robert Wiley, government employee working under the master carpenter at Old Faithful, while attempting to light a fire, with either gasoline or kerosene, was burned and severely on the left arm and leg. The nurse at Old Faithful house treated the burn and turned it a second degree burn. Injury occurred at Old Faithful road crew bunk house.

June 18 - 9:00 a.m., John Wren of Livingston, Montana, in making the turn at the top of Canyon Hill with a load, motor license no. 24, missed the turn and hit a tree. Damage to the car consisted of badly bent front axle, right front fender about torn off, windshield broken.

Passengers in the car besides the driver were David Carlson of Livingston, and Alar Lewis of Merrill, Montana. Carlson suffered a cut on the head, another on the right forearm and a badly bruised shoulder. Lewis had a finger cut severely, possibly to the bone. Wren escaped with no injuries. The injured were treated by the canyon road crew.

The driver admitted that he did not know the road and was driving carelessly, but at a speed of not more than 20 miles per hour. However, from all appearances must have exceeded that figure, as he would have been able to make the curve with ease. The other passengers in the car readily blamed the driver, saying that if he had been attending to his business the accident would not have happened.

June 19 - 5:55 p.m. Collision occurred between a Willys 4, motor license no. 1-1110, and a Ford 8, motor license no. 11-2-1. About 3 miles east of Fishing Bridge on 1st entrance road. Driver of the Willys was L. B. Withrill, 364 E. 1st St., Denver, and the driver of the Ford was Harold Wilce, Cody. Ford was east bound and the Willys went bound. Ford was traveling at an excessive rate of speed and apparently unable to keep to right hand side of road, crossed to left and struck the Willys on front left fender and wheel, bending frame and

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and axle and crushing the wire wheel, blowing out the tire.

June 13 - Ralph Jones, 5431 North Paulina St., Chicago, Ill., license no. 1G3-754, Ill., permit no. 189480, driving a Chevrolet sedan, backed into a loading site in the South campground, between the car train and comfort station. The ground gave way, dropping left rear wheel into a hole. The hole was evidently an old coal-pool, which had been covered over with boards, and the boards covered with dirt. The Transportation Company wrecker was called, and the car removed. No damage.

June 11 - Dave Freeman of Chicago, Western driving license, Ontario license 64-224 and government Ford truck no. 284, driven by Ed Miller. A separate report has gone forward regarding this accident, under date of June 27.

June 13 - A. E. Werner of Winona, Minnesota, driving Chrysler license Minn. 11-4-405 and government truck driven by Peter Nicoletto. A separate report, dated June 23, 1932 has been submitted regarding this accident.

June 19 - 12:30 p.m., on Tower Hill-South road, at Tower Creek bridge. W. E. Schroeder, 10 So. Washington St., Du Quoin, Ill., driving an Auburn sedan, Ill. license 239065, and W. E. Hart, 1200 - 40th Avenue, San Francisco, California, driving a Pierce Arrow sedan, permit 227500.

Mr. Schroeder's version of the accident: He reported that he had started to cross the Tower Creek bridge when a construction laborer, who was working on the road, motioned him to back up in order to let a construction truck pass. Mr. Schroeder said that he backed his car, not seeing Mr. Hart behind him, and backed into Mr. Hart's car, bending the front bumper of Hart's car; denting the rear right fender, bending the rear right bumper and denting the body on the rear right of his own car. Mr. Schroeder stated that he was given no signal by Hart. He said he would turn the details of the accident over to his insurance company and would bring no action himself against Hart. He was not antagonistic, but stated he would pay for no damage to the Hart car. Mrs. Schroeder was a witness to the accident.

Mr. Hart's version of the accident: He said he believed Schroeder was backing down the small hill in order to shift gears and so Hart backed his car up a slight distance, and pulled out to the side of the road. He stated that Schroeder was backing up quite fast, but believed that he saw the Hart car. Hart said he stopped his car and was getting out of the car when the Schroeder car struck his car. Hart stated that the injury to his car was a bent front bumper, broken head lamps and some injury to the steering gear. Mr. Hart stated he would not attempt to collect damages for the injury to his car, and stated that he would not pay for the injury to the Schroeder car. Mrs. Hart witnessed the accident.

SECRET - This document contains information of a confidential nature and is intended for the use of the recipient only. It is not to be distributed outside the organization.

1. The purpose of this document is to provide a detailed account of the activities of the organization during the period from January 1, 1950, to December 31, 1950. The information contained herein is classified as "Secret" and is to be handled accordingly.

2. The organization has achieved significant progress in its operations during the past year. This progress is the result of the diligent efforts of all members and the support of the public.

3. The following is a summary of the major accomplishments of the organization during the year:

4. The organization has successfully completed its annual budget and has maintained a high level of financial stability. This has enabled us to carry out our programs and expand our services.

5. The organization has also been successful in its efforts to raise funds and attract new members. This has allowed us to increase our resources and improve our facilities.

6. The organization has also been successful in its efforts to improve its internal operations. This has resulted in a more efficient and effective organization.

7. The following is a list of the major projects completed during the year:

8. The organization has completed the construction of a new building which will provide additional space for our operations. This building is now under construction and is expected to be completed by the end of the year.

9. The organization has also completed the purchase of new equipment which will improve our efficiency and productivity. This equipment is now being used in our operations.

10. The organization has also completed the purchase of new vehicles which will improve our mobility and service to the public. These vehicles are now being used in our operations.

11. The organization has also been successful in its efforts to improve its public relations. This has resulted in a more positive public image and increased support for our organization.

12. The organization has also been successful in its efforts to improve its community relations. This has resulted in a more active role in the community and increased support for our organization.

13. The organization has also been successful in its efforts to improve its international relations. This has resulted in a more active role in international affairs and increased support for our organization.

June 8 - Chas. Schreiber, 6112 Univ. Ave., Chicago, Ill., driving an Ill. Chevrolet, license 348864, permit 189055, while traveling on the road between Madison Junction and Morris, applied the brakes, and skidded in the snow against the bridge, at approximately 7 miles north of Madison Junction on the Madison Junction-Morris road. No damages. B. Kruger, 6016 Calif. Ave., Chicago, witnessed the accident.

THEFTS

June 30 (night). Near museum in corner of Fishing Bridge campground, Robert Judah of 4206 Botanical St., St. Louis, Indiana Chevrolet 635438, permit 190377, was camped and while attending campfire at Fishing Bridge, one dozen eggs were stolen from his camp.

June 30 (apparently). A hitch hiker who secured a meal from Paul Watts, 6915 Barbriana Ave., Huntington Park, Calif., who was stopping at Fishing Bridge, left a package while he hunted accommodations for the night. When the hiker returned for the package he also took a fly book belonging to Mr. Watts. A description of the hiker was reported to the gates and request made to hold him, but to date no report has been received. He had sufficient time to leave the park.

June 29. Mr. and Mrs. J.L. Thelin, 5000 Ladera, Oakland, Calif., (driving a Chevrolet, Calif. license 522243), permit 209018, were camped on the lakeshore at Fishing Bridge and after returning from the campfire at the museum about 10:15 p.m., discovered their tent had been disturbed and that one grip had been opened and a pocketbook stolen therefrom.

The pocketbook was described as a lady's black pocketbook, containing blank checks, car keys and other articles, but no money, and two pairs of dark glasses. It was large with three nickel clasps to hold the top.

Ranger Anderson had patrolled the campgrounds at Fishing Bridge until 9:00 p.m., and Ranger Wagstaff went to the tent and investigated after the accident was reported - about 10:45 p.m.

June 28 - Mr. Malcolm Snow, Daly City, San Francisco, California, driving a Plymouth Coach, Michigan license 309-521 (permit 120034) left two fishing poles on his campsite at Fishing Bridge and retired at 10:30 p.m. On the morning of June 29 he discovered one pole missing. Article described as follows: "black Bristol telescopic fly rod rigged with Triumph casting. Line also black. Part of cork torn off of butt. Value \$9.00". A search of the auto camp was made and all fly rods on Fishing Bridge watched, but to date the rod has not been located.

Page 2 - This document contains information that is classified as CONFIDENTIAL. It is intended for the use of authorized personnel only. All information contained herein is the property of the United States Government and is not to be distributed outside the agency to which it is furnished.

SECTION 1

The purpose of this section is to provide a general overview of the project. It is intended to provide a clear understanding of the project's objectives and scope. This section will discuss the project's background, its goals, and the organization's commitment to the project.

The project is a multi-phase effort designed to improve the efficiency and effectiveness of the organization's operations. It will involve the development of new systems, the implementation of new procedures, and the training of personnel. The project is expected to be completed within a period of 18 months.

The project is being managed by a project manager who will be responsible for the overall coordination and control of the project. The project manager will work closely with the organization's senior management to ensure that the project is aligned with the organization's strategic goals.

The project is being funded by the organization's operating budget. It is expected that the project will result in significant cost savings and improved operational performance. The project is a high priority for the organization and is being given the highest level of support.

The project is being implemented in a phased manner. The first phase will focus on the development of the project plan and the identification of the project's key milestones. The second phase will focus on the development of the project's budget and the identification of the project's resources.

The project is being implemented in a phased manner. The first phase will focus on the development of the project plan and the identification of the project's key milestones. The second phase will focus on the development of the project's budget and the identification of the project's resources. The third phase will focus on the implementation of the project's systems and procedures. The fourth phase will focus on the training of personnel and the evaluation of the project's results.

June 28. Old Faithful Ranger station notified that three gray foot-blankets were missing from cabins 311 and 312 of Old Faithful Lodge. Lodge register showed that the following persons occupied the cabins: Elizabeth Sheen, South Mt. More, Ia.; Catherine Bessett Massillon, Ohio; Via Besser, Massillon, Ohio; Lillian Kuenling Canal Fulton, Ohio. A description of the party was telephoned to West Thumb Ranger Station and the party apprehended by Ranger Jay. A search was made of the car (permit 209237) but the blankets were not located. The ladies stated that while attending the evening lecture at Old Faithful their cabin was entered and the blankets taken and one suitcase disturbed. They thought an attendant must have taken the blankets so did not report the loss. Their attitude was good and they left the station in good spirits.

SPECIAL INCIDENTS

June 26 - At 1:30 p.m. a Moreland truck, Oregon license 26028, owned by Washburn A. Hall (for Schatt & Kyle) and driven by Donald Hall of Eugene, Oregon (temporary address Cooke City), was going over the east end of the Lamar River bridge when the third span of the bridge gave out and, although there was no damage done to the truck, it could not be driven on. The truck had no permit, but authority had been granted at West Yellowstone for it to be driven through. Witnesses were Frank Yoder, Eugene, Oregon, and Frank Swartz, Roseburg, Oregon, temporary addresses of both being Cooke City. The middle piers of the bridge were sagging, but sound. Gross weight of load on bridge was approximately 15 tons, consisting of truck, 7-1/2 tons, caterpillar tractor 5 tons, and scraper 1-1/2 tons. At the present time the Lamar Bridge is being repaired. The road from Tower Falls to Cooke has been closed to travel until the bridge is repaired.

June 25. At 11:45 a.m., West Thumb campground, the top of a green tree split off from the main tree and fell across the back of a 1961 Chevrolet coupe, Kentucky license 735071, driven by Charles Phillips of 1301 St. Ann Street, Owensboro, Kentucky, causing the back of his car to be badly bent. The tree had apparently been split during a windstorm, but it showed no indications of being unsafe. No injuries resulted from the incident. The car was insured and no complaint made.

George Hanselman, who was appointed as assistant clerk, reported for duty on the afternoon of June 15, worked through the 17th and left on June 15. On the day he did not show up for work no fear was felt for his safety as it was thought that he probably decided to take a short trip around the park. However, when he did not show up for work on Monday a search was instigated in attempting to learn of his whereabouts. Later reports disclosed that Hanselman was seen in Salt Lake. A press release issued on June 24 brought results through the news agencies in the fact that Hanselman had been visiting in Salt Lake. No reason could be given for his disappearance. However, a letter received

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From him dated June 30, 1932 is quoted herewith:

Mr. George Miller
Yellowstone Nat'l Park

Dear Sir:

"Perhaps you have been informed by now as to the reason for my sudden disappearance from Mammoth a week from last Saturday. If not, I will state that I left in order to devote my time to communist propaganda entirely. The reason for my accepting the position in the first place was to acquire thereby publicity favorable to my program. I have always supported communist ideals.

"I realize from your standpoint, that leaving my position as I did was a very mean thing to do. Although I offer no apologies, I trust sincerely that you were not seriously inconvenienced.

"May I also thank you personally for your very friendly courtesy while I was at Mammoth. It is an ideal location to spend the summer, and I trust you are enjoying a very favorable season."

Respectfully
/s/ George Miller

Gen'l Del'y.
Salt Lake City, Utah

The case of Harold Barnes was brought to our attention on the afternoon of June 23, when the manager of the Lake Hotel requested assistance in taking Barnes to West Yellowstone to catch the train for Los Angeles. Barnes was employed by the Yellowstone Park Hotel Company. It was at this time that the manager of the hotel, Mr. Taylor, advised that Barnes was becoming mentally unbalanced and that it would be best to have him out of the park.

Temporary Ranger W. E. Jordan was sent to West Yellowstone with Barnes, the transportation being furnished by the Hotel Company. Upon the arrival of Barnes at West Yellowstone the railroad officials refused to grant him passage on the train because at that time his case of insanity was developing into a serious condition and he was brought into Mammoth that same evening and placed in the hospital under the care of Dr. Ivan Anderson. On the 23rd his condition continued for the worse and it was necessary to lock him in the jail. While in jail he wrecked one bed, tore up the bedding, and his clothes, which necessitated the removal of everything out of the cell with the exception of a few small items which he used in his delirium.

1944

1944

The following information was obtained from the records of the National Archives and Records Administration, College Park, Maryland, on the date indicated below:

1. Name: [Name] (Last, First, Middle Initial)
2. Date of Birth: [Date]
3. Place of Birth: [Place]

4. Service Number: [Number]
5. Branch of Service: [Branch]

[Signature]

[Date]

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In view of the necessity of having James removed to a place where he could be taken care of properly or have him turned over to his relatives, his father was wired on June 24. The father replied that he was coming here as soon as possible, and arrived at west Ellington the afternoon of June 27, having come to the Ballistic Gateway on the Milwaukee railroad. He was brought to Lincoln the same evening. The father, Mr. J. S. Carter, was very desirous of taking his son back home and would not allow him to be placed in the Carl Springs Asylum in Lincoln. At the request of Mr. James the Ballistic Gateway Hotel Company furnished a car which took the father and son, accompanied by Temporary Ranger Clifford L. Bretwell, to the Ballistic Gateway from which point the father had a return ticket to his home at Fishland Center, Wisconsin, June 28. A drawing room was engaged for the father and son and they were taken to the Ballistic Gateway the afternoon of June 28. On June 29 Temporary Ranger Bretwell stated that they placed the party on the train and saw the train leave.

On June 30 Assistant County Attorney Peterson of Cozeman, Nebraska, called Mr. Edwards by phone and stated that young James was in jail in Cozeman as the railroad refused to let them travel any further without additional guard and wanted to know what assistance the Park Service could offer. The Park Service in this case was unable to offer any assistance whatsoever and it was later known that the father obtained an assistant to help him take his son home and that they departed from Cozeman on the Milwaukee railroad at 8:14 p.m., Thursday, June 30.

900 - Miscellaneous

Postoffice. Five postal stations located at Old Faithful, Lake Juliet, Fishing Bridge, Canyon, and Lower Falls, were opened on the 15th of June, as usual, and the star route connecting them was also resumed on that date. In addition to carrying the mail between the main office and the postal stations, the star route serves 13 road camps, etc., along the route. Our records indicate a decrease in June of about 30% in cash receipts, and about 27% in cancellations, from June, 1921. Increased postage rates to become effective July 6, 1922, were announced by circulars generally distributed to customers.

Church services. Pre-season services were conducted in the Chapel on the evening of June 5 by Rev. J. S. Holt, Episcopal minister from Livingston, who also filled the pulpit on the evening of June 10, under the summer schedule. Sunday morning, June 12, the services in the Chapel were conducted by Rev. Ranger-Methodist Fred Isachsen.

Hospital and Medical. The following are the number of patients admitted to the hospital, professional calls made in the park, and the miles traveled from June 15 to June 30.

Patients in Hospital

5	sick
3	major accidents
3	minor accidents
1	mental
2	tick bites
1	contagious - chicken pox
1	major surgical
18	

Number of miles traveled	500
Number of calls in park, majority employees	23
Number of complete tours of park, checking dispensaries, looking after guests and employees, majority employees	1
Number of minor operations, dressings, etc., coming to hospital	30
Number of calls upon nurses through park dispensaries by employees and guests, majority employees	200

A number of smooth residents have gotten together and organized a golf club, although the park does not as yet boast of a golf course. Arrangements have been made to play at the Corvallis Hot Springs course, 8 miles north of Corvallis. The club held a dinner and dance at the Corvallis Hot Springs Club House on the evening of June 22, and some 25 persons attended. Everyone reported a most enjoyable evening, and it is planned to hold several similar affairs during the summer.

One of the best pieces of news received in the park for a long time was a letter from the Director, authorizing the purchase of electric refrigerators for the park. This have been put out from the San Francisco office for the purchase of several machines, and it is a certainty that the machines will add much to the comfort of the permanent residents here, and will also prove a saving to the government.

On June 21 a letter was received from the Director, authorizing a food rate of 40¢ for all meals served at the government messes. This new rate was made effective June 1, 1932.

A broadcast dealing particularly with the Yellowstone, sponsored by the Jones and Willington Joint Company of Spokane, Washington, was shown over the National Broadcast, West Coast Radio on the evening of June 12. In the nights of the 17th and 18th the new western hotel orchestra, under the leadership of Don Cove, broadcasted over station KOTL, Billings, Montana.

(Sixty third) years

Section 101 (a)

(1) The term "State" means any of the several States, the District of Columbia, the Commonwealth of Puerto Rico, or any territory or possession of the United States, or any State or territory of any other country, or any political subdivision thereof, or any agency or instrumentality thereof, or any officer or employee thereof, or any person acting in any official capacity for or on behalf of any of the foregoing, or any person acting in any official capacity for or on behalf of any of the foregoing, or any person acting in any official capacity for or on behalf of any of the foregoing, or any person acting in any official capacity for or on behalf of any of the foregoing.

(2) The term "United States" means the United States of America, including all territories and possessions thereof, and all States and the District of Columbia, and all political subdivisions thereof, and all agencies and instrumentalities thereof, and all officers and employees thereof, and all persons acting in any official capacity for or on behalf of any of the foregoing.

(3) The term "person" means any individual, partnership, corporation, association, trust, estate, or other entity, whether or not organized under the laws of the United States, or any State or territory thereof, or any political subdivision thereof, or any agency or instrumentality thereof, or any officer or employee thereof, or any person acting in any official capacity for or on behalf of any of the foregoing.

(4) The term "employee" means any individual who is employed by the United States, or any State or territory thereof, or any political subdivision thereof, or any agency or instrumentality thereof, or any officer or employee thereof, or any person acting in any official capacity for or on behalf of any of the foregoing.

(5) The term "contract" means any agreement, whether written or oral, made between the United States, or any State or territory thereof, or any political subdivision thereof, or any agency or instrumentality thereof, or any officer or employee thereof, or any person acting in any official capacity for or on behalf of any of the foregoing, and any other person, for the performance of any service or the furnishing of any goods or materials.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

10-157
(July, 1929)

TRAVEL REPORT

YELLOWSTONE

JUNE, 1932

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
<u>PRIVATE TRANSPORTATION:</u>						
First entry,	7050	10455	10508	14136	-3671	-26
Reentry,	499	681	932	1002	-321	-32
Motocycles,	22	29	28	34	-5	-15
Total motor vehicles,	7577	11175	11433	15172	-3997	-26
Persons entering via motor vehicles,	22633	33410	34829	48637	-15227	-37
Persons entering via other private transportation,	340	431	171	212	219	103
Total persons entering via private transportation,	23173	33841	35000	48849	-12008	-26
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages,						
Persons entering via trains,	974	974	2351	2351	-1377	-59
Persons entering otherwise,						
Total other transportation,	974	974	2351	2351	-1377	-59
TOTAL ALL VISITORS,	84152	34915	37351	48220	-13405	-27.6

	This Year	Last Year	Increase	
			Number	Percent
Automobiles in public camps during month,	5525	5905	-380	-40
Persons in public camps during month,	11104	12124	-7024	-39

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

10-157
(July 1952)

TRAVEL REPORT

National Park for the month of _____

Increase for Travel Year	Last Travel Year	This Month Last Year	This Travel Year	This Month To Date	
					<u>PRIVATE TRANSPORTATION:</u>
					... first entry ...
					... reentry ...
					... motorcycles ...
					... total motor vehicles ...
					... persons entering via motor ...
					... bicycles ...
					... persons entering via other ...
					... private transportation ...
					... Total persons entering via ...
					... private transportation ...
					<u>TRAIL TRANSPORTATION:</u>
					... persons entering via stages ...
					... persons entering via trains ...
					... persons entering otherwise ...
					... Total persons entering via ...
					... private transportation ...
					<u>AND TOTAL ALL VISITORS</u>

... statistics in public camp during month ...

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK

1932 COMPARATIVE TRAVEL FIGURES WITH 1931 AND 1930
SEASON THROUGH JUNE 1932

1932

ENTRANCE	RAIL (People)			MOTOR		Misc.	TOTAL
	Hotels	Lodges	Total	Cars	People	People	People
North	159	206	365	3304	11189	292	11846
West	163	335	498	3625	11150	106	11754
East	54	41	95	3063	9023	31	9149
South	8	8	16	683	2048	2	2066
TOTALS	384	590	974	11175	33410	431	34815

1931

ENTRANCE	RAIL (People)			MOTOR		Misc.	TOTAL
	Hotels	Lodges	Total	Cars	People	People	People
North	465	464	929	4484	13183	71	14183
West	570	527	1097	5121	15779	102	16978
East	172	150	322	4359	13188	27	13537
South	3		3	1208	3507	12	3522
TOTALS	1210	1141	2351	15172	45657	212	48220

1930

ENTRANCE	RAIL (People)			MOTOR		Misc.	TOTAL
	Hotels	Lodges	Total	Cars	People	People	People
North	613	359	972	4524	12961	31	13964
West	1091	753	1844	5226	16068	175	18037
East	216	226	442	2559	7779	26	8247
South				1107	3313	9	3322
TOTALS	1920	1338	3258	13416	40121	241	43620

TRAVEL SUMMARY

The North and West Entrances were opened to automobile travel on May 13th, the East Entrance on June 2nd, and the South Entrance on June 16th.

Rail travel opened on June 18th, with 60 passengers, as compared with 111 passengers on June 16th, the first day of rail travel last year.

Record daily travel for June, 1932, was 1601 on June 26th, as compared with 2296 on June 21st, last year, and 2272 on June 24th, 1930

The travel this season to date shows a decrease of 13405 visitors from last year at this time.

Rail travel shows a decrease of 1377 from last year.

Cars to date show a decrease of 3997 from last year.

#Union Pacific 330; C.M.St.P.& P. 166; Northern Pacific 2; Total 498.

##Union Pacific 788; C.M.St.P.& P. 301; Northern Pacific 8; Total 1097.

Year	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Population	100	105	110	115	120	125	130	135	140	145	150
Area	100	100	100	100	100	100	100	100	100	100	100
Production	100	105	110	115	120	125	130	135	140	145	150

Year	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Population	100	105	110	115	120	125	130	135	140	145	150
Area	100	100	100	100	100	100	100	100	100	100	100
Production	100	105	110	115	120	125	130	135	140	145	150

Year	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Population	100	105	110	115	120	125	130	135	140	145	150
Area	100	100	100	100	100	100	100	100	100	100	100
Production	100	105	110	115	120	125	130	135	140	145	150

Source: Statistical Bureau of the Republic of China

Table 1. Population and Area

Table 2. Production

Table 3. Investment

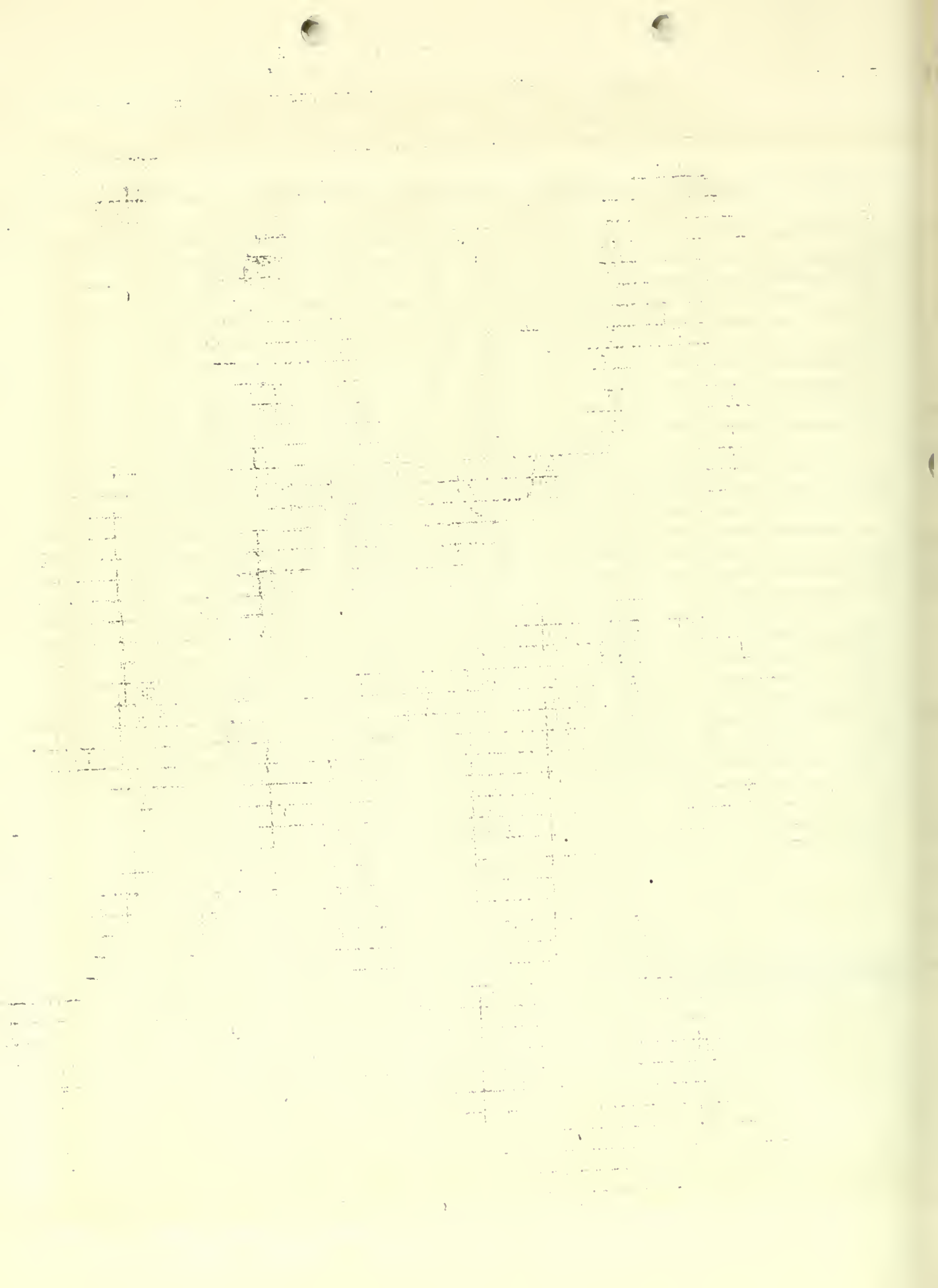
Table 4. Savings

Table 5. Income

Table 6. Expenditure

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

NAME OF STATE	NORTH		WEST		EAST		SOUTH		TOTAL	
	Cars	Pass-engers	Cars	Pass-engers	Cars	Pass-engers	Cars	Pass-engers	Cars	Pass-engers
Alabama			4	10	8	20	2	9	14	39
Arizona	3	8	11	31	4	11	5	18	23	68
Arkansas			4	16	1	2	1	4	6	22
California	95	272	454	1304	104	277	59	162	712	2015
Colorado	33	87	22	79	57	164	48	146	160	476
Connecticut	1	2	3	9	11	35	2	4	17	50
Delaware			3	6	2	7			5	13
Dist. of Col.	3	12	3	7	12	32	1	2	19	53
Florida	4	9	9	22	10	25	4	15	27	71
Georgia			3	11	7	20	1	3	11	34
Iaho	13	37	147	553	17	52	23	77	200	719
Illinois	30	90	36	109	129	395	16	61	211	655
Indiana	9	29	16	40	30	105	20	54	75	228
Iowa	7	24	16	47	70	220	11	31	104	322
Kansas	12	46	17	53	30	93	14	42	73	234
Kentucky	2	7	11	41	4	13	2	10	19	71
Louisiana							1	3	1	3
Maine					2	6	1	5	3	11
Maryland	1	2	7	21	9	23	1	2	18	48
Massachusetts	2	6	4	11	13	33	2	4	21	54
Michigan	8	21	16	53	67	200	3	8	94	282
Minnesota	47	155	30	97	95	281	8	23	180	556
Mississippi	1	3	7	27					8	30
Missouri	12	38	11	32	41	121	22	75	86	266
Montana	232	750	134	460	49	161	9	34	424	1405
Nebraska	9	28	11	38	56	182	19	61	95	309
Nevada	1	3	10	36	3	12	2	4	16	55
New Hampshire					1	2			1	2
New Jersey	6	14	11	36	18	54	2	3	37	107
New Mexico	5	11	6	22	3	8	1	5	15	46
New York	6	14	41	109	63	169	14	39	124	331
North Carolina	2	9	2	9	3	10	1	4	8	32
North Dakota	37	115	13	43	26	85			76	243
Ohio	13	31	34	110	59	165	18	47	124	353
Oklahoma	7	27	15	48	16	60	5	14	43	149
Oregon	21	65	61	206	18	54	10	31	110	356
Pennsylvania	5	12	24	68	38	103	16	38	83	221
Rhode Island			1	4	3	8	2	4	6	16
South Carolina			2	7	2	11			4	18
South Dakota	11	31	7	19	26	68	5	14	49	132
Tennessee	3	13	5	22	3	17	2	5	13	57
Texas	14	47	30	96	24	68	10	22	78	233
Utah	16	55	104	356	14	36	23	81	157	528
Vermont			2	8	1	5			3	13
Virginia	1	5	2	8	10	39	1	2	14	54
Washington	76	214	90	273	37	125	14	47	217	659
West Virginia			2	6	3	15			5	21
Wisconsin	13	37	15	51	78	228	5	21	111	337
Wyoming	10	20	13	38	170	618	66	208	259	884
Canada	16	54	7	30	9	35	3	11	35	130
Alaska Zone	1	3			2	4			3	7
Hawaii			4	13					4	13
TOTALS	788	2406	1480	4695	1458	4477	475	1453	4201	13031
Cars entering second trip, unclassified by states									341	1083
Motorcycles, unclassified by states									17	22
Pre-season travel, unclassified by states									6616	19274
GRAND TOTAL ALL CARS AND PASSENGERS, classified and unclassified									11175	33410



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Yellowstone National Park for the Month of June, 1932

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	75	217	75	329
Number of additions	54	396	49	176
Total	129	613	124	505
Number of separations	1	45	1	32
Number of employees close of month	128	568	123	473
Number of promotions during month	1			
Aggregate amount of annual leave taken	34½ da		15½ da	
Aggregate amount of sick leave taken	18½ "		30 "	
Aggregate amount of leave without pay				

* Includes 3 days May leave

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

1931

STATUS OF PERSONNEL

National Park for the Month of _____

This Month Last Year		This Month		
Appointed	Non-Appointed	Appointed	Non-Appointed	
100	50	100	50	Number of employees beginning of month
100	50	100	50	Number of additions
100	50	100	50	Number of separations
100	50	100	50	Number of employees close of month
				Number of promotions during month
				Number of annual leave taken
				Number of sick leave taken
				Number of leave without pay

Total 3 1/2 1/2 1/2

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

~~TRAIL STATE~~

National Park for the Month of

JUNE

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
Current generated,	47000.0	737140.0	67870.0	779392.0	-42202.0	-54.4%
Sold to park operators,	6108.0	64221.0	10393.0	76303.6	-12142.6	-15.9%
Sold to others,						
Furnished to other Governmental agencies,						
Used by National Park Service, lost in transit, etc.,	39772.0	671431.0	57482.0	703088.4	-31657.4	-45%
Total current generated,	<u>47000.0</u>	<u>737140.0</u>	<u>67870.0</u>	<u>779392.0</u>	<u>-42202.0</u>	<u>-54.4%</u>

Account receivable from the sale of electricity, \$ 178.00

*Indicated by K. W. H.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

National Park for the Month of _____

Increase for Travel Year	Last Travel Year	To Date	This Month	Last Year	To Date	This Month	Last Year	To Date	This Month	Last Year	To Date	Number	Percent

Current generated,

Sold to park operators,

Sold to others,

Furnished to other Governmental
agencies,

Used by National Park Service,
lost in transit, etc.,

Total current generated,

Amount receivable from the sale of electricity

Indicated by K. W. H.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

YELLSTONE National Park for the Month of June

	This Month	This Month Last Year	Increase	Percent Increase
<u>LOCAL BUSINESS</u>				
of circuit maintained	542	528	14	.0026
of telephones connected	196	181	15	.083
of measured service calls				
of other local calls				
Total No. of local calls	11,232	10,073		
Load in calls per day	462	455		

Receipts from measured service calls
 Receipts from coin boxes
 Receipts from telephone rental

TOTAL RECEIPTS

DISTANCE BUSINESS

Outbound calls	264	321
Inbound calls	150	239

TOTAL LONG DISTANCE CALLS

Load in calls per day
 Receipts from Long Distance business

TELEGRAPH BUSINESS

Receipts from telegraph business via Western Union
 Receipts from telegraph business via

TOTAL MESSAGES

Receipts from telegraph business
 Receipts from money transfer messages
 Receipts from money transfer receipts

TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPT-

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

June, 1932.

	Number	Value
<u>GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month,		
Received during month,	1118	297.35
Total,	1118	297.35
Sold during month,	311	157.75
On hand at close of month,	807	139.60

NON-GOVERNMENT PUBLICATIONS:

On hand beginning of month,		
Received during month,	777	891.85
Total,	777	891.85
Sold during month,	97	94.90
On hand at close of month,	680	796.95

Cash on hand beginning of month,		
Sales during month,		192.85
Total,		192.85
Remitted during month,		
Balance,		192.85

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

For the month of _____, 19__

Value	Number
-------	--------

NON-GOVERNMENT PUBLICATIONS:

On hand at close of month	100	100.00
Sold during month	50	50.00
Total	150	150.00
Received during month	100	100.00
On hand beginning of month	100	100.00

GOVERNMENT PUBLICATIONS:

On hand at close of month	50	50.00
Sold during month	20	20.00
Total	70	70.00
Received during month	50	50.00
On hand beginning of month	50	50.00

Balance		
Total		
On hand beginning of month		
Received during month		
Sold during month		
On hand at close of month		

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

allowance National Park for the Month of June, 1958

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
- Mammoth Sewer System	100	10	12	
- Mammoth Sewer System	10	10	0	
4 Signs	100			
5 Post Cons. Maint.	100			8/15/58
- Trails, Old Faithful	90	0	0	7/30/58
- Surface Betterments*	100	0	0	
2 Parking Area, Madison Museum	1	1	0	7/30/58
- Gallatin Road, Surf. & Oil.	20	20	0	8/30/58
- Obsidian Cliff-Cascades Street.	15	14	1	9/30/58
- Canyon-Tower Jet. Cleanup & Oil.	0	0	0	10/31/58
- Morris-Madison Road, Staining rail, & seal coat	80	0	0	6/30/58
- E. Entrance Rd., Staining. rail	90	0	0	6/30/58
- Terraces-Obsidian Cliff, Oil.	20	20	0	8/30/58
- East Entrance Betterment	15	15	0	9/30/58
- Inspiration Pt. Road Cleanup	0	0	0	8/30/58
- Obsidian Cliff-Winhole Cas- cades cleanup	0	0	0	8/30/58

al report for work of 1958 season submitted from field Headquarters.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Yellowstone National Park for the Month of June, 1932

	This Year	Last Year
Park revenue on hand beginning of month,	\$ -0-	\$ 1,971.00
Received,	16,793.32	28,144.25
Total,	\$ 16,793.32	\$30,115.25
Disbursed,	11,342.82	20,638.60
On hand close of month,	\$ 5,450.50	\$ 9,476.65

Park revenues received this year to date,	\$237,381.34
Park revenues received last year to date,	293,210.09
De # # Increase,	55,828.75
Per cent of de # # increase,	19.0405

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

National Park for the Month of June, 1907

Yellowstone

Year	THIS Year
1907	1,971.00
1906	1,750.00
1905	1,500.00
1904	1,200.00
1903	1,000.00
1902	800.00
1901	600.00
1900	400.00
1899	200.00
1898	100.00
1897	50.00
1896	25.00
1895	12.50
1894	6.25
1893	3.12
1892	1.56
1891	0.78
1890	0.39
1889	0.19
1888	0.09
1887	0.05
1886	0.02
1885	0.01
1884	0.00
1883	0.00
1882	0.00
1881	0.00
1880	0.00
1879	0.00
1878	0.00
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1486	0.00
1485	0.00
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1483	0.00
1482	0.00
1481	0.00
1480	0.00
1479	0.00
1478	0.00
1477	0.00
1476	0.00
1475	0.00
1474	0.00
1473	0.00
1472	0.00
1471	0.00
1470	0.00
1469	0.00
1468	0.00
1467	0.00
1466	0.00
1465	0.00
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1463	0.00
1462	0.00

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

June, 1932.

The mean temperature of June, 1932, was 55.0 degrees, or 1.0 degree below normal. It was cooler than June, 1931, but warmer than any other year of the last ten except June, 1926. The highest temperature of the month was 85 degrees on the 23d; the lowest, 31 degrees on the 7th, the only descent below the freezing point during the month. This day, with a maximum temperature of 47 degrees, was the coolest day, while the 23d, with a minimum temperature of 51 degrees, was the warmest of the month.

The total precipitation was 2.10 inches, or 0.13 more than normal. This amount was just equalled in 1923, but it has been exceeded only three times in the last 16 years, the last time being in 1928. This was the first month of the current year with a precipitation departure above normal, the first month, in fact, since September, 1931, which month was slightly above normal (0.03) and the only month in 1931 without a deficiency. One must go back to October, 1930, to find the first marked excess over normal precipitation. With a normal of 1.40 inches, the record of that month shows that 2.39 inches fell, an excess of 0.99 inch. The record of June, 1932, includes a trace of snow, which fell, mixed with rain, on the 6th and 8th. Hail fell on the 1st, 11th, 15th, and 27th, mostly light, though occasionally rather heavy for quite short intervals, and all small, except some near midnight of the 27th, which was as large as small marbles.

There were nine clear, eleven partly cloudy, and ten cloudy days, and fifteen days upon which 0.01 inch or more of precipitation occurred. Of the 2.10 inches of the month, 1.97 inches fell in the first 16 days. The greatest amount within a period of 24 consecutive hours was 0.83 on the 7th-8th. The total wind movement was 5,292 miles, or an average velocity of 7.4 miles an hour. The maximum velocity of the month was 25 miles per hour, from Southwest, on the 15th. The percentage of sunshine was 41. Average relative humidity at 3 a.m. was 77.7 per cent.; at noon, local mean time, 44.6 per cent.; and at 3 p.m., 47.1 per cent. The lowest relative humidity observed was 18 per cent. at the 6 p.m. observation on the 21st.

W. T. LATROP, Meteorologist.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

MONTHLY METEOROLOGICAL SUMMARY.

Station, Yellowstone Park, Wyo.; month, June, 19 32.

Table with columns for Temperature (Max, Min, Mean), Precipitation, Character of day, Possible Sunshine, Atmospheric Pressure (Mean, Highest, Lowest), and various monthly statistics (Normal, Absolute maximum/minimum, Average daily excess/deficiency, Accumulated excess/deficiency, Total precipitation, Mean relative humidity, Wind, Weather, Miscellaneous phenomena).

NOTE.—"T" indicates trace of precipitation.

Autumn frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico. Lowest observed relative humidity, 18%, on 21st, at 6 p.m.

W. T. LATHROP, Meteorologist, Weather Bureau

U. S. DEPARTMENT OF AGRICULTURE.

WEATHER BUREAU.

MONTHLY

METEOROLOGICAL SUMMARY.

STATION

MONTH

19

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

June 16, 1932.

CIRCULAR NUMBER 7.

Following are the tentative assignments for the temporary ranger force for the 1932 season:

<u>Station</u>	<u>Reporting June 16</u>	<u>Reporting June 30</u>
Mammoth	Clifford I. Fretwell, Sr. Temp. Robert H. Wylie, Motorcycle W. Verde Watson	W. W. Williamson Frank Silsbee
Gardiner	Joe J. Way, Sr. Temp. Stewart G. Wilson James W. Good	
Norris		William M. White
Tower Falls	George A. Eckels, Sr. Temp. Jay T. Glen, Motorcycle	
Cooke	W. Leon Evans	
Sylvan Pass	Earl M. Semingsen, Sr. Temp. Barry Mahoney	Wayne F. Replogle
Lake	Mark H. Greenwood, Sr. Temp. Reed S. Cardon, Motorcycle	John S. Bugas
West Thumb	Jack J. McNutt	
Fishing Bridge	Robert W. Wagstaff	
Snake River	Robert W. Davis, Sr. Temp.	Paul H. Umbach
Heart Lake	Kendrick M. Melvet	
Riverside		James R. Bianco
West Yellowstone	James M. Tindall, Sr. Temp. Charles Pickett Ernest G. Dice	Millard P. Knock
Gallatin		Dewey D. Collins
Canyon	Fred R. Morrell, Sr. Temp. Donald E. Kipp, Motorcycle Jack C. Houston Proctor L. Dougherty, Jr. -----New Man	John P. Mapes Clause De Witt
Old Faithful	James L. Johnston, Sr. Temp. Marion R. Crowell, Motorcycle Kenneth C. Robertson W. Beverly Hart	John A. Mitchell Earl Pitt
Bechler River	Carlos Davis	

The above assignments may be changed without notice when it is for the benefit of the Service to do so.

Roger W. Toll
 Superintendent

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

Dear Sirs:

I am pleased to inform you that your application for admission to the Ph.D. program in Chemistry for the fall semester of 1967 has been accepted. You will be admitted to the program on a full-time basis.

Your proposed advisor, Professor [Name], has agreed to accept you as a student in his laboratory. You will be working on a project in the field of [Field].

You will receive a letter from the Registrar's Office regarding the registration process. Please contact the Registrar's Office at [Address] if you have any questions.

Very truly yours,
[Name]

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

CIRCULAR NO. 6

June 9, 1932

Effective beginning June 19, 1932, the following persons will report for all-day service on the Sundays and holidays stipulated, their duties being to take care of people coming into the office wishing to see the superintendent and those making inquiry concerning the park or its business, and to refer tourists to the information office, etc. Those on Sunday duty will be required to take care of the entire clerical and stenographic work of the office during that Sunday, including the work of the chief ranger's office.

June 19	- - - - -	Miss Sabin
June 26	- - - - -	Miss Horkan
July 3	- - - - -	Mr. Soule
July 4	- - - - -	Mr. Soule
July 10	- - - - -	Mr. Neilson
July 17	- - - - -	Miss Roe
July 24	- - - - -	Miss Whitney
July 31	- - - - -	Miss Goettlich
Aug. 7	- - - - -	Mrs. Miller
Aug. 14	- - - - -	Miss Sabin
Aug. 21	- - - - -	Miss Horkan
Aug. 28	- - - - -	Mr. Neilson
Sep. 4	- - - - -	Miss Roe
Sep. 5	- - - - -	Miss Whitney
Sep. 11	- - - - -	Miss Goettlich
Sep. 18	- - - - -	Mrs. Miller.

There is no objection to interchanging of dates, provided Mr. Hundley is notified, so that we may know whom to expect on duty.

This assignment does not necessarily mean that the employees of this office will not be required to work on Sundays or holidays other than above outlined, as the condition of the work of the various employees should determine whether or not it is necessary for them to work on Sundays or holidays in order to keep their work current.

Guy D. Edwards
Acting Superintendent

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

CIRCULAR NO. 5

June 9, 1932

The following shifts of operators on the Government switchboard at Mammoth Hot Springs will become effective June 15, 1932:

Hours of Duty for Operators
June 15 to June 18
(Schedule No. 1)

<u>Operators</u>	<u>From</u>	<u>To</u>	<u>Hours</u>
Mrs. Kocher	6.30 A.M.	9.30 A.M.	3
Mrs. Allan	9.30 A.M.	12.30 P.M.	3
Mrs. Holman	12.30 P.M.	2.00 P.M.	1½
Mrs. Allan	2.00 P.M.	6.00 P.M.	4
Mrs. Holman	6.00 P.M.	Midnight	6

June 19 to June 25
(Schedule No. 2)

Mrs. Kocher	6.30 A.M.	9.30 A.M.	3
Mrs. Holman	9.30 A.M.	1.00 P.M.	3½
Mrs. Allan	1.00 P.M.	2.00 P.M.	1
Mrs. Holman	2.00 P.M.	6.00 P.M.	4
Mrs. Allan	6.00 P.M.	Midnight	6

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

June 26 to July 2.....	Schedule No. 1
July 3 to July 9.....	Schedule No. 2
July 10 to July 16.....	Schedule No. 1
July 17 to July 23.....	Schedule No. 2
July 24 to July 30.....	Schedule No. 1
July 31 to August 6	Schedule No. 2
August 7 to August 13	Schedule No. 1
August 14 to August 20	Schedule No. 2
August 21 to August 27	Schedule No. 1
August 28 to September 3	Schedule No. 2
September 4 to September 10	Schedule No. 1
September 11 to September 19	Schedule No. 2

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

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

The Government switchboard at the Lake will be open daily from 6.30 A.M. to 10.30 P.M., beginning June 18.

"Visiting" on the lines is prohibited.

Roger W. Toll
Superintendent.

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Department of the Interior
Yellowstone National Park
Yellowstone Park, Wyoming

YELLOWSTONE PARK NEWS LETTER

Vol. 2. No. 1

June 23, 1932

Joseph Joffe
Asst. to the Supt.

George Baggeley
Chief Ranger

Dr. C. Max Bauer
Park Naturalist

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

Road Conditions

In an effort to give out more accurate information concerning the roads within the park special bulletins will be issued from time to time as conditions may warrant, together with telephone communications from the information office at Mammoth. However, the News Letter will carry a paragraph of general information concerning the approach roads.

We do not deem it advisable to give out detailed information about the greater number of roads upon which the visitor must of necessity travel on his way to or from the park since the A.A.A. does not have a representative here and we do not have anyone who can devote his entire time to the compilation of daily reports. We would like the cooperation of all those concerned with the dispensing of road information in encouraging the visitor to get in touch with the nearest A.A.A. organization where detailed information relative to roads to any distance beyond Yellowstone Park is readily obtained. Too many of our western roads are affected by local weather conditions and maintenance and construction occur on practically all of them. It is therefore not feasible to give detailed information to any point beyond our own boundaries. However, we should be familiar with the various routes over which visitors may travel and the distances between points. A distance chart is now being compiled and will be in your hands within the next few days. Park approach roads reports from adjoining states have been slow in coming in, but the following seems to be authentic.

WEST ENTRANCE Generally good south to Pocatello. Some 18 miles of unfinished road this side of Warm River. Oregon Trail generally good with some construction and maintenance. Advise visitors to get information at Pocatello for east, west and south.

SOUTH ENTRANCE Generally good but roads affected by local rains. Drying rather rapidly however. Togwotee Pass, Hoback Canyon and Teton Pass are all in generally good condition. Some construction is to be done on all of these roads this summer but most of the work was completed on the Teton Pass last year. Visitors should be told that Togwotee and Teton Passes are mountain roads but absolutely safe if weather conditions are right.

EAST ENTRANCE Generally good to Cody. Advise visitors to inquire at Cody for condition of road to Bighorn Mountains and south to Denver.

NORTH ENTRANCE Road to Livingston: Advise visitors to inquire at Livingston for conditions east, west and north. Road to Glacier Park over 87-W generally good. Highways No. 10 and 12 reported in generally good condition but some construction is still in progress between Missoula and Mullan. Butte, Missoula, Spokane and Billings are points from which more detailed information may be obtained.

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News Items

Mr. Charles L. Gable, senior auditor and accountant for the National Park Service, arrived in the Park via the East Gate June 22, and will spend several days here looking over the books and accounts of the park operators. His assistant, Noble J. Wilt, will be in the park with him.

D. H. Madson, Supervisor of Wild Life Resources, arrived in the Park on June 20 for several days. He is accompanied by Mrs. Madson.

Fred J. Foster, Supervisor of the Bureau of Fisheries activities arrived in the Park with his family via the West Gate on June 18.

George A. Grant, photographer for the National Park Service entered the Park via the East Gate on June 14, and will spend about two weeks here photographing park features.

Kenneth C. McCarter, Asst. Landscape Architect for the National Park Service has been in the Park since June 6, and has been assigned here for the remainder of the summer. This year Mr. McCarter has an assistant, F. E. Mattson.

Peter E. Bilkert, Asst. in the Branch of Operations in the National Park Service, arrived via the West Gate on June 20. Mr. Bilkert was formerly assistant superintendent of Yellowstone.

Mr. H. B. Homan, Sanitary Engineer for the U. S. Public Health Service, assigned to National Park work, will arrive via the East Gate June 24.

The 1932 itinerary for Director Albright calls for his being in Yellowstone Park from August 8 to 14. At the present time Director Albright is visiting the southwest monuments.

The American Society of Civil Engineers will hold their annual convention at Old Faithful from July 6 to 9. Many prominent engineers of the country will be in attendance at this meeting.

On account of a 1¢ Federal tax which has been imposed on all gasoline sales effective June 21, the price of gasoline at all points in the Park has been increased to 26¢ per gallon. The price of oil is not effected.

Dog-Tooth Violet (*Erithronium grandiflorum*) is abundant along the road approaching Norris from Mammoth.

Beaver may be observed almost any evening about two and one-half miles from Mammoth on the old Gardiner Road.

Moose are fairly abundant in Willow Park and visitors should be encouraged to watch for them at this point.

Yellowstone National Park travel report for week ending June 20, 1932.

	<u>1932</u>		<u>1931</u>		<u>Percentage</u>	
	Cars	People	Cars	People	Increase	Decrease
By private	2104	6147	3252	9825		37
By rail		208		600		65
Miscellaneous		<u>104</u>		<u>35</u>	197	
TOTAL FOR WEEK	2104	6459	3252	10460		38
Previously reported	<u>5282</u>	<u>15668</u>	<u>6615</u>	<u>19474</u>		20
TOTAL TO DATE	7386	22127	9867	29934		26

GRAND TETON NATIONAL PARK

Travel report for week ending June 20, 1932.

	<u>1932</u>		<u>1931</u>		<u>Percentage</u>	
	Cars	People	Cars	People	Incr.	Decr.
Yellowstone National Park to Grand Teton National Park	46	150	222	459		68
Grand Teton National Park to Yellowstone National Park	24	92	194	516		82
Yellowstone National Park to Teton Nat'l. Park and return	<u>6</u>	<u>24</u>	<u>42</u>	<u>110</u>		78
TOTAL FOR WEEK	76	266	458	1085		75
Previously reported			<u>313</u>	<u>786</u>		
TOTAL TO DATE	76	266	771	1871		86

REMARKS: Teton travel as taken at the South Entrance of Yellowstone Park.
The opening date for the South Entrance was June 16 this year and
June 1 in 1931.

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

June 29, 1932.

MEMORANDUM FOR ALL PARK RANGERS.

The attached wage schedule for fire suppression work is for men hired outside of the regular park organization. Wages for regularly employed park people such as road maintenance and trail crews will be based on their present gross pay, less board, divided by eight, which will be the hourly rate. They will be paid this rate per hour for the number of hours worked per day while on fire suppression work.

In taking men from regular maintenance the laborers should be taken first. Truck drivers, motor patrolmen, oilers and such special men should not be taken from their work without first exhausting other supplies of men.

In addition to the three regular lookouts, an additional lookout will be stationed on Mt. Chittenden. The Mt. Chittenden lookout will be connected by telephone to the Lake Ranger Station.

This memorandum and the attached wage scale are to be a part of your fire plan, a copy of which you have previously received.

George F. Bagley
Chief Ranger

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

FIRE RATE SCHEDULE - 1932

STANDARD RATES OF PAY FOR FIREFIGHTING

Fire fighters, including unskilled sawyers, per hour....	25¢	and Board
Sawyers, skilled, per hour.....	30 ¢	and board
Strawbosses, per hour.....	35¢	" "
Foremen, per day - Grade 1, \$5.50; Grade 2, \$5.00;		
Grade 3;.....	\$4.50	" "
Cooks, per day (under 25 men, flunky furnished).....	3.50	" "
Cooks, per day (25 men or more).....	\$4.00 - 5.00	" "
Flunkies, per day.....	3.00	" "
Timekeepers (25 men or more).....	\$3.00 - 3.50	" "
Pump Operator, per hour.....	35¢	" "
Plowmen and teamsters, per hour.....	40¢	" "
Packers, per day.....	4.00	" "

PACK STOCK RATES

Pack and Saddle animals, held in pasture.....	25¢ per day
Pack and Saddle animals, working (equip. furnished by N. P. S.).....	50¢ " "
Pack and Saddle animals, working (equipped by owners) (Feed and shoeing at National Park Service expense)	75¢ " "

TRUCK RATES, BY THE TRIP

Trucks, 1-ton.....	15¢ per mile)	Driver, gas, oil,
Trucks, 1½-ton.....	20¢ " ")	and upkeep
Trucks, 2-ton.....	25¢ " ")	furnished by
Trucks, 3-ton.....	30¢ " ")	owner.

No allowance for waiting time will be made for any truck operating by the trip.

FLAT RATES FOR TRUCKS

Trucks assigned to fire camps for jobbing trips will be allowed a flat rate per day equivalent to mileage for 50 miles of road travel for the class of truck so used whenever their mileage for the day does not exceed that figure.

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

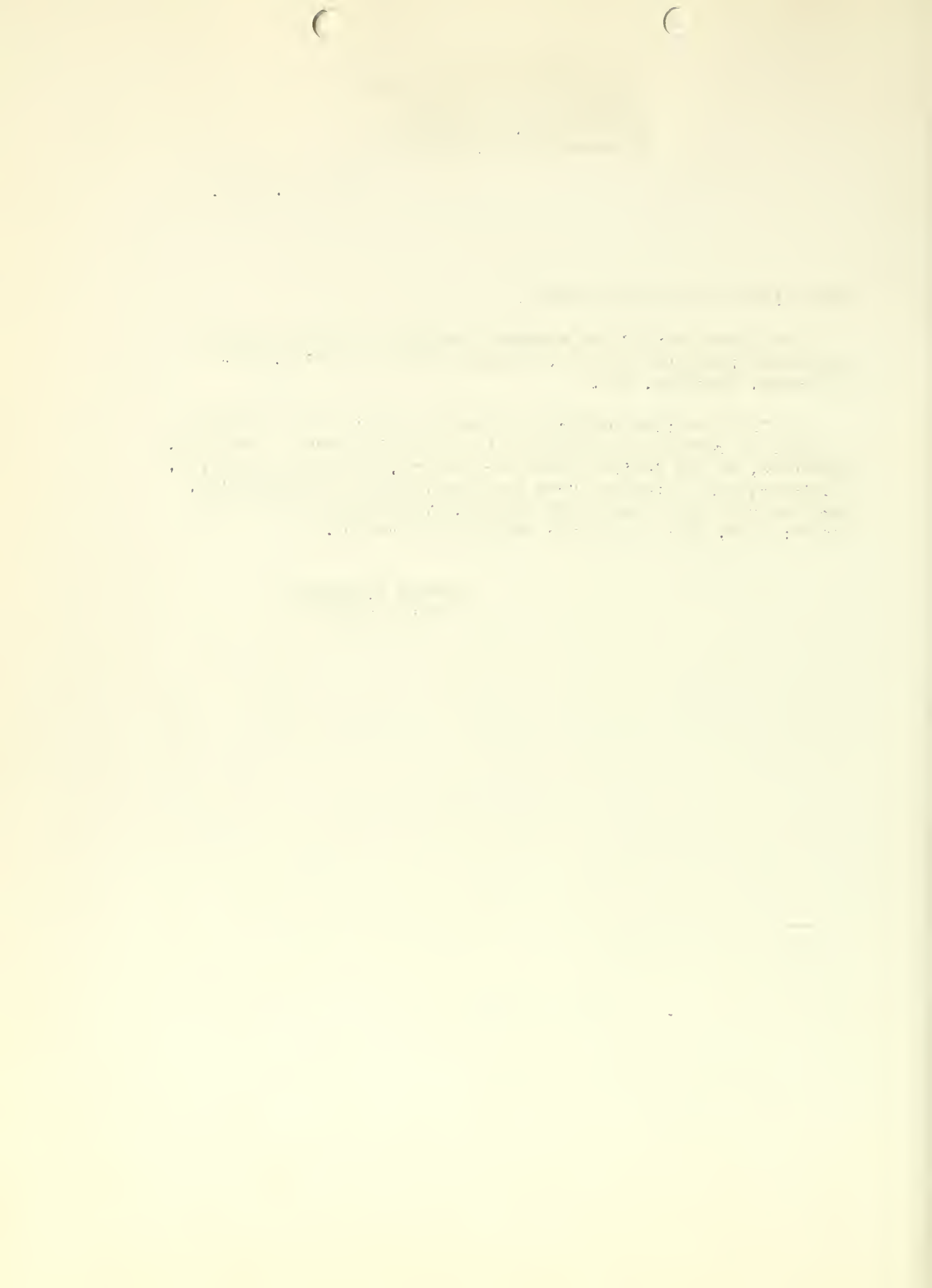
June 28, 1932.

MEMORANDUM FOR ALL PARK RANGERS.

Each year many of the rangers throughout the park receive complaints from many of the visitors regarding service, one-way roads, speeding, etc.

It is our earnest desire to receive all of these complaints in order to rectify any mistakes that are being made in the park. Therefore, we are desirous that each of you, insofar as possible, obtain written statements from the person making the complaint, together with his or her home address, forwarding same to this office; also, keep a copy for your station record.

George F. Baggley
Chief Ranger



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

June 20, 1932.

MEMORANDUM FOR ALL RANGERS.

Following are the road conditions in Yellowstone Park; also the condition of the approach roads:

M. S. to N. J. - M. S. to Obsidian Cliff under construction and very rough. Obsidian Cliff to N. J., good.

N. J. to M. J. - good.

M. J. to O. F. - good.

O. F. to W. T. - good, rough in spots.

L. J. to C. J. - good, rough in spots.

C. J. to T. J. - C. J. to Dunraven Pass R. S., good. Dunraven Pass R. S. for a distance of 7 miles, very poor, due to many deep mud holes. From Tower Creek, through Overhanging Cliff, under construction and very rough. Other sections of this road are good but slippery when wet. Do not advise anyone to travel over this road without informing them of the above conditions.

T. J. to M. S. - good; rough in spots.

N. E. to M. S. - good.

W. E. to M. J. - good.

S. E. to W. T. - good, rough in spots.

E. E. to L. J. - good.

T. J. to Cooke - good. (Narrow in places.)

N. J. to C. J. - good.

N. E. to Livingston - good.

W. E. to Ashton - good; except for 10 miles.

W. E. to Bozeman - good; rough for short distance.

W. E. to Virginia City - Fair; rough for short distance.

S. E. to Moran - good; little rough.

Moran over Togwotee Pass - passable; no detailed information now available.

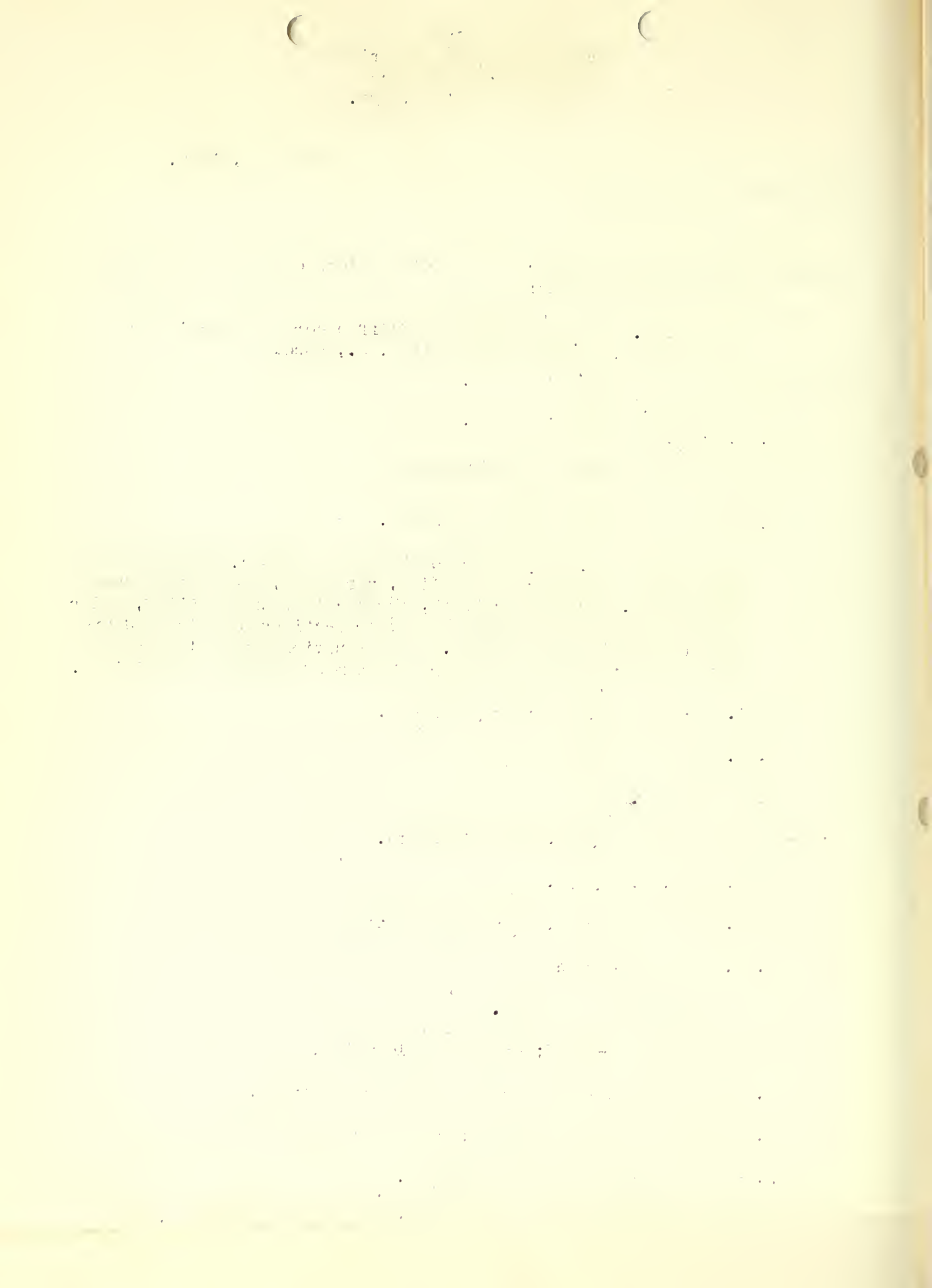
Moran through Teton Park to Jackson - good.

Jackson over Teton Pass - fair but slow.

E. E. to Cody - good; rough in spots.

Copies for all information offices.

George F. Baggley
Chief Ranger



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

June 18, 1932.

MEMORANDUM FOR ALL RANGERS.

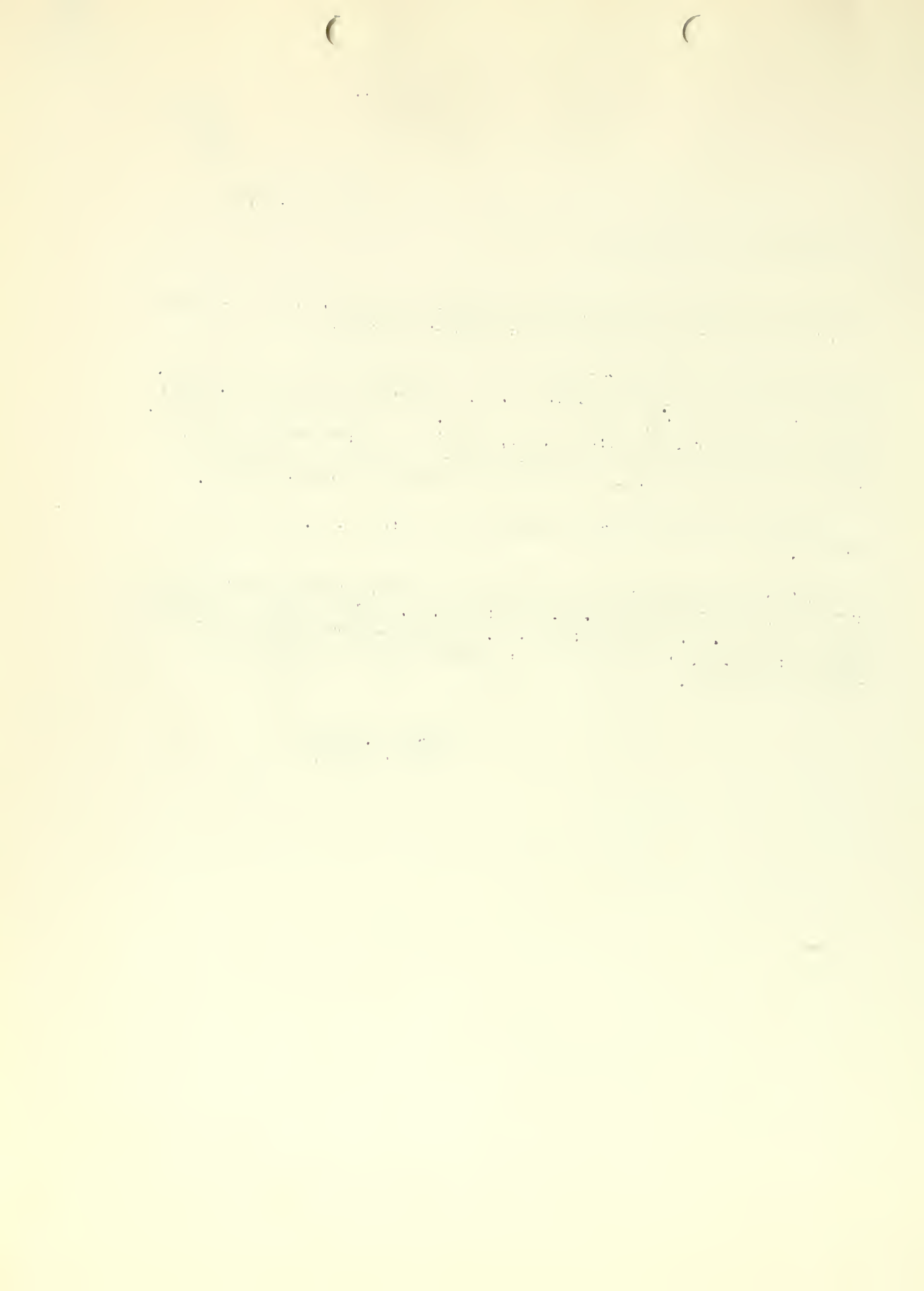
The following schedules are in effect at the entrance stations to Yellowstone Park, and the Chief Ranger's Office:

The NORTH and WEST gates will have a ranger on duty all night. Permits will be sold until 11:30 p. m. Automobiles will be checked out of the park at any hour of the night. The gates may be closed at these two entrances at 11:30 p. m., but it is understood that the ranger on night duty will be near at hand to let the visitors out of the park and take care of any other business that may arise.

The EAST and SOUTH gates will open at 6:30 a. m. and close at 10:00 p. m.

Effective today and until July 1 the hours in the Chief Ranger's Office will be from 8:00 a. m. to 8:00 p. m. After July 1 the hours will be 8:00 a. m. until 10:30 p. m. Anyone desiring information before 8:00 a. m. can locate me or George Miller by calling our respective houses.

George F. Bagglely
Chief Ranger



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

June 15, 1932.

MEMORANDUM FOR PARK RANGERS.

Following is the itinerary of the Valley Ranch Boys' and Girls' parties who will enter Yellowstone National Park for the season of 1932:

<u>Girls' Party</u>		<u>Boys' Party</u>	
July		July	
1	-Leave New York Friday	2	-Leave New York, Saturday
4	-Arrive Cody, Monday	5	-Arrive Cody, Tuesday
5,6	-At Elk Fork	6,7	-At Pagoda Creek
7	-To 50 Mile Camp	8	-To 50 Mile Camp
8	-To Selwyn Pass	9	-To Selwyn Pass
9	-To Squaw Lake via Pelican Valley	10	-At Selwyn Pass
10	-At Squaw Lake	11	-To Squaw Lake via Pelican Valley
11	-To Canyon	12	-At Squaw Lake
12,13,14,15	-At Canyon	13	-To West Thumb
16	-To Gibbon Meadows	14	-To Snake River
17	-To Nez Perce River	15,16	-At Snake River
18	-To Lone Star Geyser	17	-To Pilgrim Creek
19,20	-At Lone Star Geyser	18	-To String Lake - Teton Park
21	-To DeLacy Creek	19,20,21,22	-At String Lake
22	-To Lewis Lake via Shoshone Lake	23	-To Arizona Creek
23	-To Snake River	24	-To Snake River
24,25	-At Snake River	25	-At Snake River
26	-To Pilgrim Creek	26	-To top Mt. Sheridan
27	-To String Lake - Teton Park	27	-To Lewis Lake
28,29,30,31	-At String Lake	28	-To Lone Star Geyser via Shoshone L.
		29	-At Lone Star Geyser
		30	-To Nez Perce River
		31	-At Nez Perce River
August		August	
1	-To Arizona Creek	1	-At Nez Perce River
2	-To Snake River	2	-To Gibbon Meadows
3	-At Snake River	3	-To Canyon
4	-To West Thumb	4,5,6	-At Canyon
5	-To Squaw Lake	7	-To Squaw Lake
6	-At Squaw Lake	8	-At Squaw Lake
7	-To Selwyn Pass via Clear Cr.	9	-To Selwyn Pass via Clear Cr.
8	-At Selwyn Pass	10	-To 50 Mile Camp via Jones Pass
9	-To 50 Mile Camp via Jones Pass	11	-To Wapiti
10	-To Pagoda Creek	12	-At Wapiti
11	-To Breteche Creek	13	-To Head of Hardpan via Green Cr.
12	-To Carter's Ranch	14	-To Rock Creek
13	-At Carter's Ranch	15	-To Valley Ranch, Monday
14	-To South Fork Bridge	16,17	-At Valley Ranch
15	-To Valley Ranch, Monday	18	-Leave Cody, Thursday
16	-At Valley Ranch	21	-Arrive New York, Sunday
17	-Leave Cody, Wednesday		
20	-Arrive New York, Saturday		

All rangers who can possibly do so will please contact this party whenever they are in your district. Also, any mail for these parties will be delivered as soon as possible to the head guide of either party.

George F. Bagley
 Chief Ranger

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MEMORANDUM FOR THE RANGER NATURALISTS:

#2

PRE-SEASON ACTIVITIES

Purpose: To acquaint the new members of the staff with the many features of the park and the personnel under whom they are to serve.

Time: Sunday, June 12 to Wednesday, June 15.

SCHEDULE AND ITINERARY

June 12

- 9:00--12:00m. Conference with new men
1:30p.m. Trip over Terraces and Nature Trail at Mammoth
7:30p.m. Round-table discussion at Mammoth Museum

June 13

- 8:00a.m. Leave for Old Faithful
12:30m. Luncheon at Old Faithful
1:30p.m. Hike over Greater Geyser Trail and drive to Black Sand Basin
5:00p.m. Dinner
7:30p.m. Round-table discussion in Old Faithful Museum

June 14

- 7:30a.m. Breakfast at Old Faithful
8:00a.m. Trip over Nature Trail (Biscuit Basin to be included on trip to Canyon)
12:00M Luncheon at Canyon
1:30p.m. Leave for Lake, inspection of Fish Hatchery and visit to Old Fish Bridge Museum (trip to West Thumb if time permits)
5:30p.m. Dinner at Lake
7:30p.m. Round-table discussion at Canyon Ranger Station

June 15

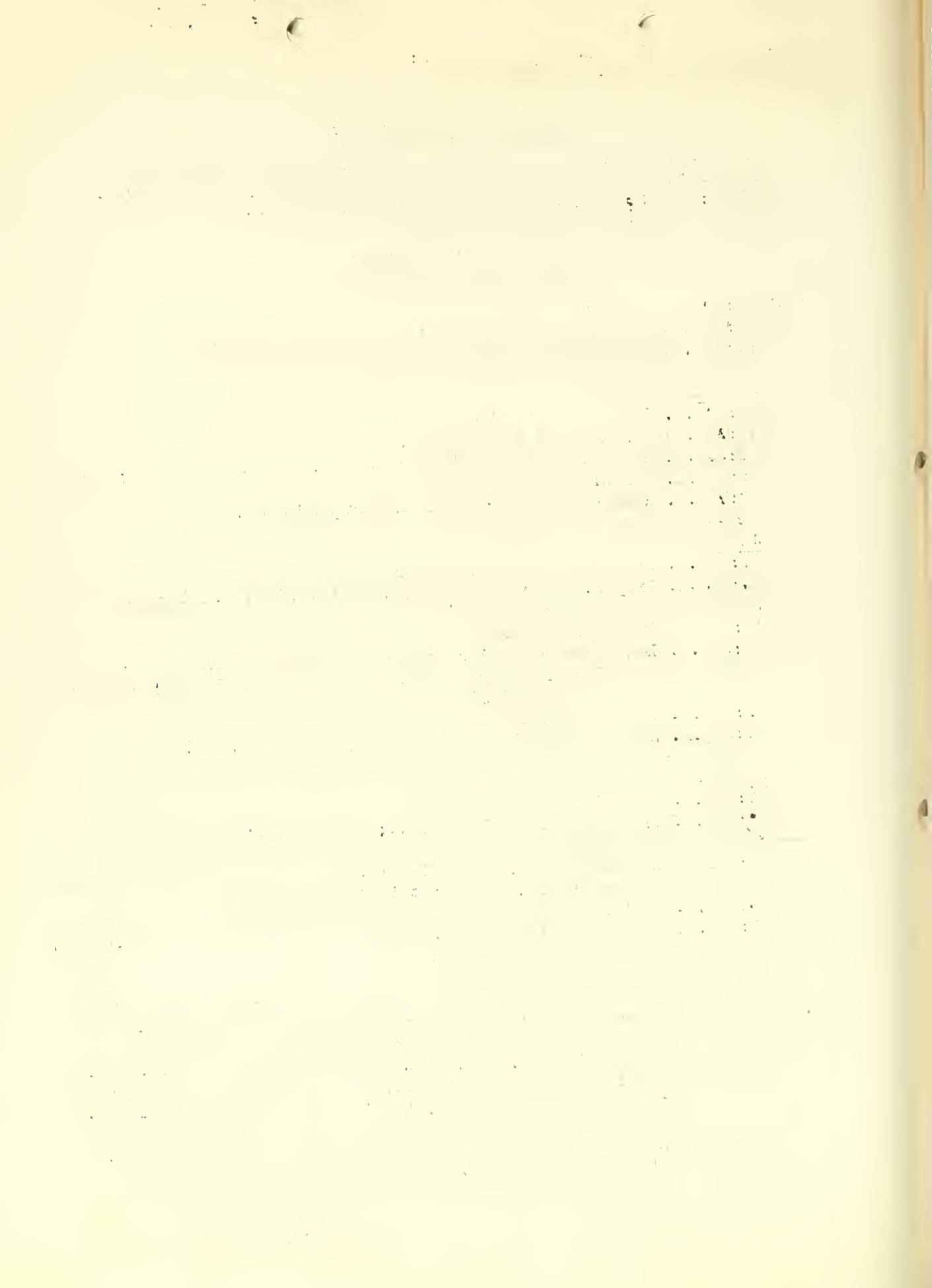
- 7:30a.m. Breakfast
8:00a.m. Trip down Uncle Toms Trail; drive to Artist and Observation Points
12:00m Luncheon at Canyon or Tower Falls, dependent upon opening of Lunraven Pass; trip to Tower Falls
5:00p.m. Dinner at Mammoth
7:30p.m. General meeting of all ranger naturalists (new and former) in Mammoth Museum

June 16

Most of the day will be taken up with conferences prior to going out to stations; checking out of material required to carry on work; acquainting men with the Mammoth Museum, etc. A general meeting of all rangers and ranger naturalists will be held in the Canteen on the evening of June 16, the time to be announced later.

June 17

All ranger naturalists will leave for their appointed stations and duties.



Yellowstone Park, Wyoming
June 11, 1932

MEMORANDUM FOR RANGER NATURALISTS

#3

Station assignments for the coming summer are as follows (subject to change if season's travel does not warrant):

DISTRICT #1 - MAMMOTH

Dr. E. T. Bodenberg, Senior Ranger Naturalist, in charge of educational activities at Mammoth and Tower Falls.

Kenneth S. Agarter

Paul F. Osborne

Fred R. Isacksen

Dwight C. Smiley

Tower Falls

George Marler

DISTRICT #2 - OLD FAITHFUL

Frank Oberhansley, Senior Ranger Naturalist, in charge of educational activities at Old Faithful and Madison.

William V. Evans

Herbert Lystrup

Madison

Phillip Martindale

Thomas J. Stewart

Wm. Roy Baker

Dr. William L. Strunk

DISTRICT #3 - LAKE

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

Fishing Bridge

West Thumb

Compton N. Creek

Willis T. Smith

Ranger cooperating

Harry R. Woodward

DISTRICT #4 - CANYON

Dr. W. E. McDougall, Senior Ranger Naturalist, in charge of educational activities at Canyon, Mt. Washburn and Norris.

David deLaney Condon

Mt. Washburn

Trusten E. Peery

Ranger cooperating

GEORGE C. CROWE
Assistant Park Naturalist

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

RECEIVED
JAN 15 1964
FROM
DR. J. H. GOLDSTEIN
1000 S. UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637

RESEARCH REPORT

BY
DR. J. H. GOLDSTEIN
AND
DR. J. H. GOLDSTEIN
DEPARTMENT OF CHEMISTRY
5800 S. UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637

ABSTRACT

The present work is a study of the
properties of the
system
under
conditions of
high
pressure and
low temperature.

INTRODUCTION

The present work is a study of the
properties of the
system
under
conditions of
high
pressure and
low temperature.

REFERENCES

Yellowstone Park, Wyoming
June 11, 1932

MEMORANDUM FOR ALL RANGER NATURALISTS:
#4

Full information is desired regarding the educational qualifications of our this year's staff, and it will be greatly appreciated if you will expedite the furnishing of this material for our records:

College from which graduated

Degrees

Major and Minors

Permanent Position
and Location

Write out data with pen and ink; submit completed sheet to either Mrs. Bagley or Miss Andersen.

GEORGE C. CROWE
Assistant Park Naturalist

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Yellowstone Park, Wyoming

June 11, 1932

MEMORANDUM FOR RANGER NATURALISTS

#5

Subject: LECTURES

The following is a list of subjects to be covered by those lecturing at the various stations. You are asked to consult the senior naturalist under whom you are to serve for suggestions as to the topics you are to cover. You are given a choice of subjects in an endeavor to vary your lectures as you present them. We are requesting that all lectures, including announcements, be limited to thirty minutes except the bear lectures at Old Faithful which will be forty-five minutes.

Under date of May 20, 1930, Official Order No. 230, from the Washington Office, requests that an introductory statement regarding the National Park Service is to be used at the beginning of all official lectures and guided tours. Your senior naturalist will be glad to assist you in suggesting various ways in which this material can be given without duplication at the various lectures. He will also give you some help concerning announcements of activities and sale of publications.

It is our desire that you be given a limited choice in material to be presented but strict adherence to your senior naturalist's suggestions must be followed to avoid duplication at other points in the park.

MAMMOTH

Outdoor panoramic lecture with mention of buffalo in announcement of trips; terraces in general (detailed geology to be given on guided trips).

The general history of Yellowstone Park and the development of Mammoth and its relation to the rest of the park.

History and growth of the Educational Department
with the development of the museum activities
(Indian, Exploration, Military)

Animals to be seen near Mammoth such as buffalo, antelope, beaver, deer, together with a general historic discussion

Flora and their geologic and ecologic relationship as shown at Mammoth

Outstanding features to be seen on way to Norris and encouragement to visitors to stop there.

NORRIS

The subject matter for talks to be given at this point must, of necessity, largely be determined by the crowds assembled at any one time and the interest shown in the various features of the museum. We are desirous that visitors be encouraged to spend ample time viewing the features. It is understood that the main subject at Norris is that of geyser activity.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is essential for the proper management of the organization's finances and for ensuring compliance with relevant laws and regulations.

2. The second part of the document outlines the various methods used to collect and analyze data. It describes how this information is used to identify trends, assess performance, and make informed decisions about the future of the organization.

3. The third part of the document focuses on the role of technology in modern business operations. It highlights how digital tools and platforms have revolutionized the way companies operate, from streamlining internal processes to enhancing customer experiences.

4. The fourth part of the document addresses the challenges faced by organizations in the current market environment. It discusses the impact of global economic conditions, technological advancements, and changing consumer preferences, and offers strategies to overcome these challenges.

5. The fifth part of the document provides a detailed overview of the organization's financial performance over the past year. It includes a breakdown of revenue, expenses, and profit, along with a comparison to the previous year and industry benchmarks.

6. The sixth part of the document discusses the organization's strategic goals for the upcoming year. It outlines the key areas of focus, such as market expansion, product development, and operational efficiency, and describes the specific actions that will be taken to achieve these goals.

7. The seventh part of the document addresses the organization's commitment to social responsibility and sustainability. It describes the various initiatives and programs in place to reduce the organization's environmental footprint, support the local community, and promote ethical business practices.

8. The eighth part of the document provides a summary of the key findings and recommendations from the report. It emphasizes the need for continued vigilance and proactive management to ensure the organization's long-term success and growth.

9. The ninth part of the document includes a list of appendices and references. These provide additional information and data that support the findings and conclusions of the report.

10. The tenth part of the document is a concluding statement that reiterates the organization's commitment to transparency, accountability, and excellence. It expresses confidence in the organization's ability to overcome challenges and achieve its long-term vision.

MADISON

Since the National Park idea originated at this point it must of necessity be the outstanding subject. With the rekindling of a campfire commemorating that memorable night stress can be laid on this subject.

Where visitors remain over and show an interest in hiking, a talk on the lure of the trail, which would stress not only the long hikes possible here but in other parts of the park, should find its place.

Fish, and "How to Fish")	Other
Forests and Fire Protection)	subjects to
Our Plan of Museums)	be presented

OLD FAITHFUL

The Bear Lecture, since it is to be the only lecture on bears in Yellowstone this season, should largely be devoted to both black and grizzly bears.

Subjects to be covered by the illustrated lecture to be held in the Museum Court are:

General Geology of the park with special emphasis on geysers and their relation to hot springs and reference to Craters of the Moon.

Flowers, forests, and protection - and possibly a reference to the Petrified Forests, the mammals of the forest with special reference to smaller mammals.

A geyser talk on "How to See the Yellowstone".

WEST THUMB

The National Park Service and the other parks, with special attention to Teton National Park.

The protective work of the National Park Service

Fish and "How to Fish".

LAKE

Birds; Fish and the operation of the Bureau of Fisheries; Geology of the Lake with reference to Graschopper Glacier and Glacier Park;

History, particularly with relation to the Indians.

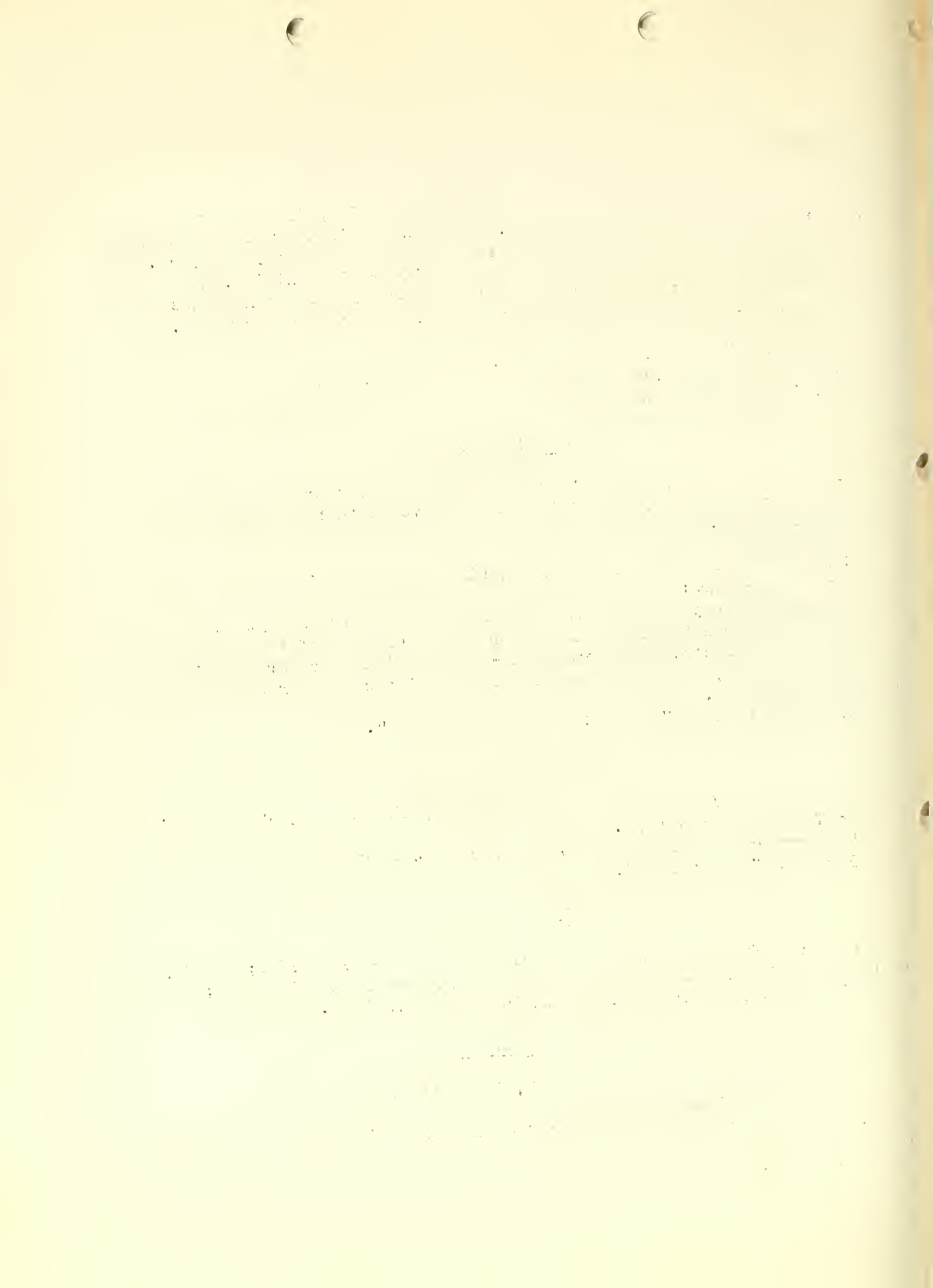
FISHING BRIDGE

General introduction to the park, to features and service

Geology and history of the Lake

Some reference to features out Cody way including Devils Tower and Wind Cave.

Bird life.



CANYON

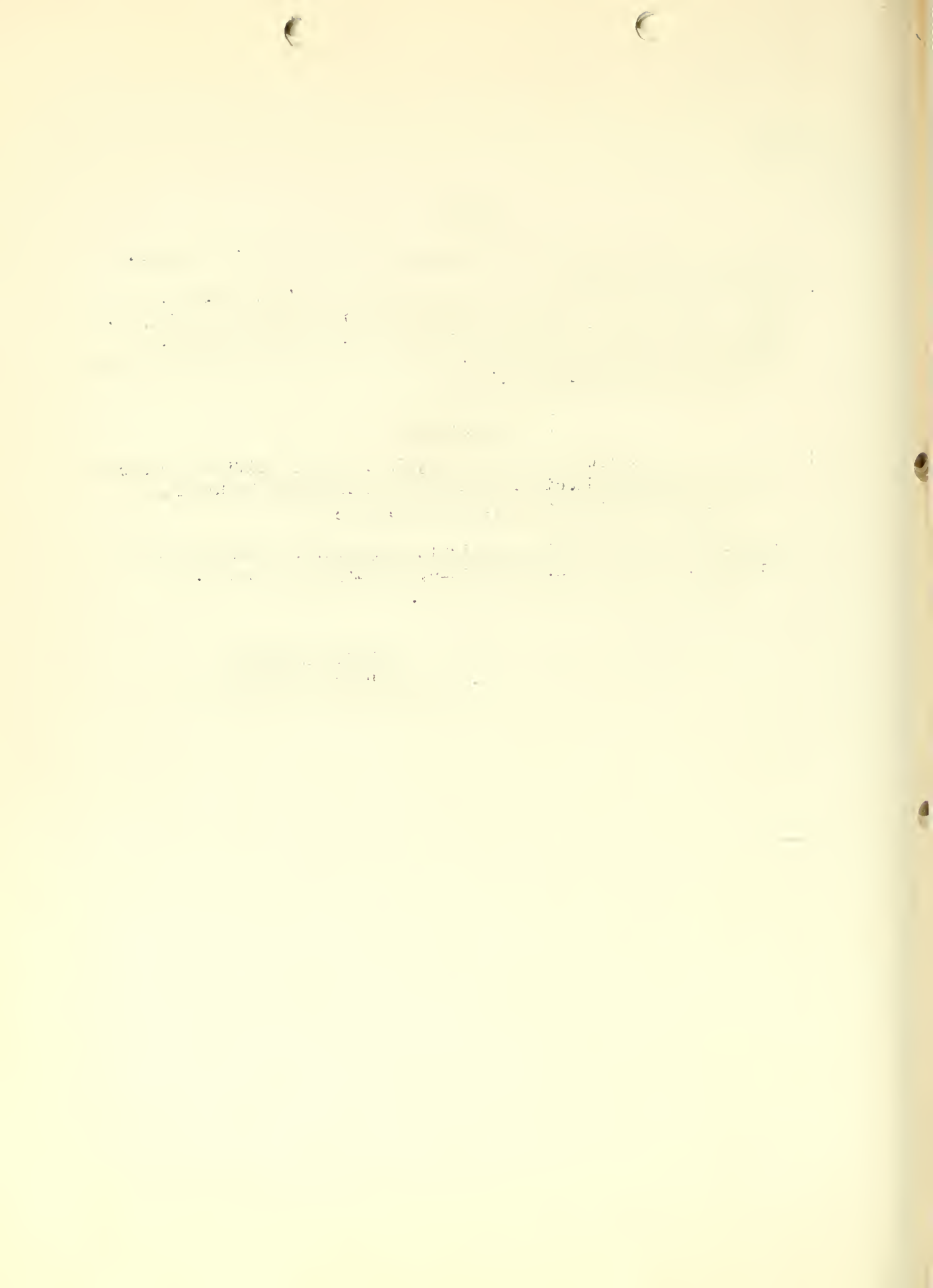
General geology of the park with special reference to the Canyon.
Yellowstone Big Game.
Flora and fauna as related ecologically in Nature's Work Shop.
Early explorations and Indian activities as relative to the Canyon.
Birds of the Canyon, including osprey, geese, swans and ducks.
The flower garden of the park (fungi to be discussed at the discretion of the senior naturalist)

TOWER FALLS

General geology of Tower Falls region, including Petrified Forests and Grasshopper Glacier, Garnet Ridge, Amethyst Mountain, Cooke, with mention of early mining, etc.

Animals and their range with particular emphasis on those to be found in this region, as buffalo, antelope and beaver.

GEORGE C. CROWE
Assistant Park Naturalist



Yellowstone Park, Wyoming
June 11, 1932

The following is the schedule of guide and lecture service to be carried out under the supervision of the Educational Department for the season of 1932. This schedule is subject to change if the season's travel does not warrant. Every effort will be put forth to serve the small as well as the large parties.

MAMMOTH --- MUSEUM HOURS 7:30a.m.--10:00p.m.

ALL HIKING PARTIES START FROM LIBERTY GAP

Sunrise Hike (over Terraces)	5:30a.m.-- 7:30a.m.
Terrace-Forest Trail (Formation and Nature Walk)	8:30a.m.--11:00a.m.
Buffalo-Terrace Trek (Auto Caravan)	2:00p.m.-- 5:00p.m.
Special parties, long hikes, Formation or Nature Walks to be determined by crowds of the afternoon.	
Lodge Lecture, - Lodge Recreation Hall (illustrated)	7:20p.m.--8:00p.m.
Hotel Lecture, - Hotel porch if weather permits; if not, in Buffet Room	8:00p.m.--8:30p.m.
Campfire Talk and Entertainment - Auto Camp	7:30p.m.--9:00p.m.

NOTE! When the new amphitheatre is completed, the auto camp and lodge program and talks will be combined.

NORRIS --- MUSEUM HOURS 8:00a.m.--5:00p.m.

The Museum hours will depend upon the visitors somewhat; the Museum may have to be opened earlier or later.

Formation Hikes (twice daily dependent upon bus schedule) 30-40 minutes

MADISON --- MUSEUM HOURS 8:00a.m.--5:00p.m.

The Museum hours are subject to same as Norris.

Camp Fire Talk; time optional dependent upon crowd; early hour preferred
Miscellaneous hikes -- Purple Mountain, National Park Mountain, etc.

OLD FAITHFUL --- MUSEUM HOURS 7:30a.m.--10:30p.m.

ALL HIKES START FROM OLD FAITHFUL GEYSER CONE

Announcement of morning's activities	8:00a.m. eruption
Observation Point Trail (Nature Walk)	8:00a.m.--10:30p.m.
Greater Geysers Hike (return via woods)	8:30a.m.--11:00a.m.
Announcement of afternoon's activities	1:00p.m. eruption
Castle-Grand Hike (Over Geyser Hill to Castle and Grand Geysers)	2:00p.m.-- 4:30p.m.
Chasing Geysers (Caravan leaves Museum at be determined by eruption of geysers)	2:00p.m. (time to

THE HISTORY OF THE UNITED STATES

CHAPTER I

The first part of the history of the United States is the story of the early settlers. These settlers came from Europe and they brought with them the ideas and customs of their own countries. They found a land that was new and strange to them, but they were determined to make it their home. They worked hard and they grew crops and raised animals. They also built towns and cities and they began to govern themselves. This was the beginning of the American people.

THE EARLY SETTLEMENTS

The first settlers came to the United States in the early 17th century. They were mostly men who were looking for a new place to live and work. They found a land that was rich in resources and they began to settle there. They built small towns and they started to grow crops and raise animals. This was the beginning of the American colonies.

THE GROWING COLONIES

As the colonies grew, they began to develop their own customs and ways of life. They became more independent of England and they started to govern themselves. They also began to fight for their rights and they were determined to be free from the control of the British. This was the beginning of the American Revolution.

THE AMERICAN REVOLUTION

THE DECLARATION OF INDEPENDENCE

The American Revolution was a war for independence. The colonies fought against the British and they won. They became a new country and they were free to govern themselves. This was a great achievement and it was the beginning of a new era in the history of the United States. The American people were now free to live their lives as they saw fit and to build a new nation.

	eruption
Announcement of evening's activities	5:00p.m.--6:00p.m.
Bear Lecture at Bear Feeding Ground	7:00p.m.--7:45p.m.
Museum Lecture in Museum Court (illustrated)	8:15p.m.--8:45p.m.
Illuminated Eruption of Old Faithful (no lecture)	9:00p.m.

WEST THUMB

Formation Hike (time to be determined by bus schedule)	
Camp Fire Talk	7:30p.m.--8:30p.m.

LAKE

Iake

Lake Shore Walk and Trip to Fish Hatchery	8:00a.m.--10:00a.m.
Lodge Lecture in Lodge Recreation Hall (illustrated)	7:20p.m.-- 8:00p.m.
Hotel Lecture in Hotel Lobby	8:10p.m.-- 9:10p.m.

(If afternoon trip warrants, occasional long hike to be organized)

FISHING BRIDGE --- MUSEUM HOURS 7:30a.m.-- 7:30p.m. **

Lake View Trail (Nature Walk)	8:00a.m.--10:30a.m.
(Occasional long hikes to be organized if crowd and schedule permits)	
** (Hours may be lengthened)	
Camp Fire Talk and Entertainment	7:30p.m.-- 9:00p.m.

CANYON

Uncle Toms Trail (from Lodge)	8:30a.m.--11:00a.m.
Red Rock Trail (from Hotel and Ranger Station)	8:30a.m.--11:00a.m.
Savage Trail (top of Upper Falls and Chittenden Bridge)	2:30p.m.--4:30p.m.
Cascade Trail (from Hotel and Ranger Station)	2:30p.m.-- 4:50p.m.
"Stalking Game" (a sundown caravan, time to be announced; objective, subject to change). Not to be posted on regular schedule)	
Canyon View Drive (Auto Caravan to Inspiration and Observation Points) (from Ranger Station)	2:00p.m.-- 5:00p.m.
Lodge Lecture in Lodge Lobby (illustrated)	7:20p.m.-- 8:00p.m.

MT. WASHBURN

Lectures to bus visitors and others; time subject to bus schedules; number of lectures determined by crowd at any one time.

TOWER FALLS

Nature Walk (objective to be determined by wishes of crowd)	8:00a.m.
Afternoon trips (determined by desires of visitors)	
**Camp Fire Lecture and Entertainment	
**Lodge Lecture	
**Time of lectures to be determined by wishes of Lodge and mode of transportation)	

GEORGE C. CROWE
Assistant Park Naturalist

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

June 10, 1932

MEMORANDUM FOR PARK RANGERS AND INFORMATION OFFICES:

The following data with regard to highways and the opening of operations in the park is submitted for your information and in order that you may correctly advise visitors of what service is available in the park:

MAMMOTH HOT SPRINGS

- Mammoth Hotel - Ready to accommodate visitors morning June 17.
- Mammoth Lodge - Regular service begins June 16. Lodgings available now but prefer take care of visitors in housekeeping cabins. Table d'hote meals at 75¢ obtainable at Lodge.
- Park Curio Shop - Now serving meals
- General Store - Now operating
- Haynes Picture Shop - Now open but no orders being taken for developing. Photo finishing plant takes orders June 16 for delivery 17. This finishing plant takes care of orders from all points in park. Auto Camp store opens June 16.
- Mammoth Swimming Pool - Opens June 16
- Housekeeping Cabins - Now open and operating same as summer season
- Auto Camp Cafeteria - Starts operating June 15

OLD FAITHFUL

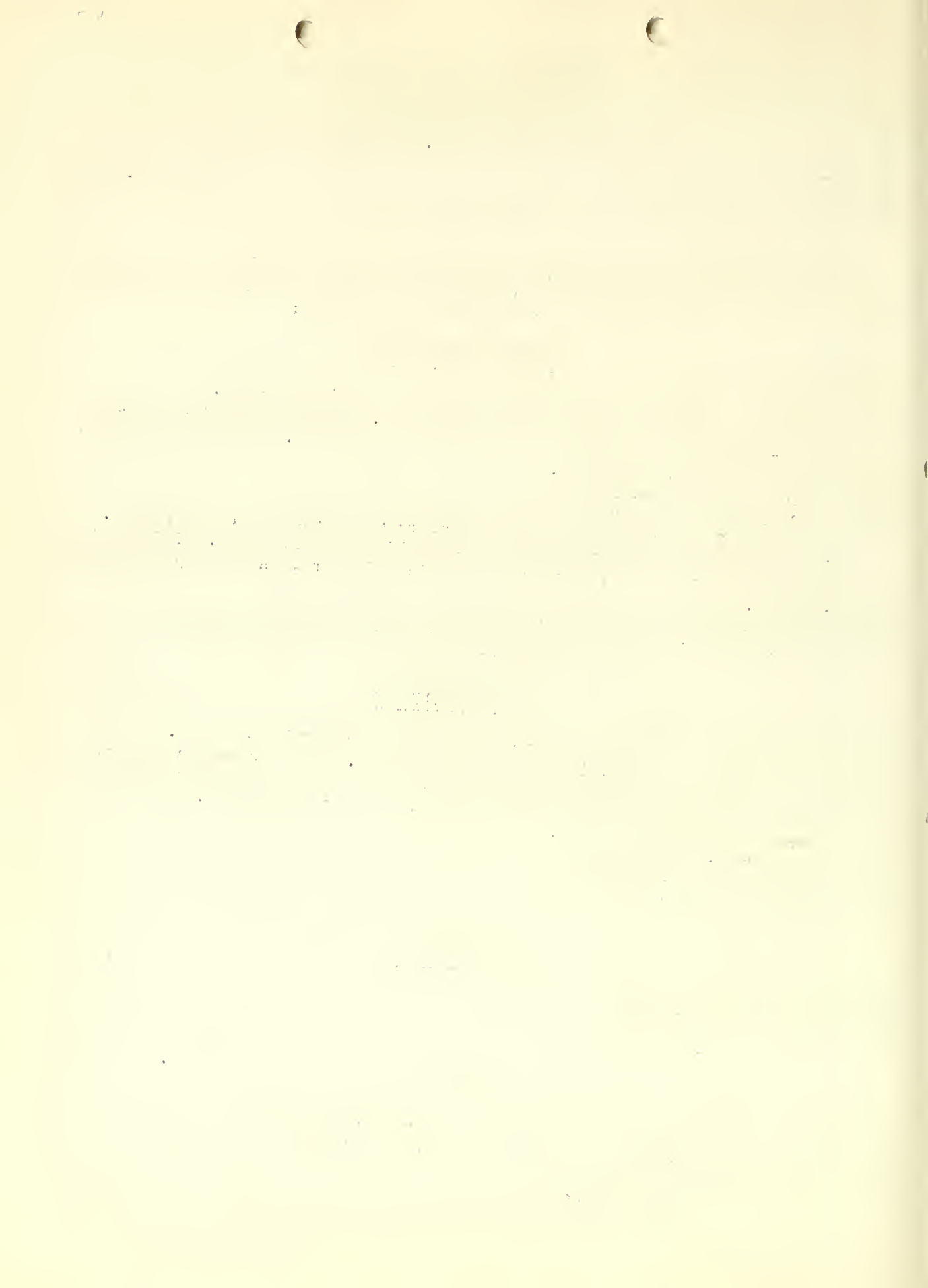
- Old Faithful Inn - Ready to accommodate visitors morning June 17.
- Old Faithful Lodge - Lodging only available now. Regular service begins June 16
- Housekeeping Cabins - Now open and operating same as summer season
- Cafeteria - Now open for table d'hote meals at 75¢ per person. Regular cafeteria service begins June 16
- General Stores - Now open
- Old Faithful Pool - Now open
- Haynes Picture Shops - Open June 16
- Repair garage - Now open

WEST THUMB

- Housekeeping Cabins - Opens June 17
- Cafeteria - Opens June 17
- General Store - Opens June 15

LAKE

- Lake Hotel - Ready to accommodate visitors morning June 17
- Lake Lodge - Lodging only available now. Regular service begins June 16
- General Store - Now open
- Haynes Picture Shops - Open June 16
- Repair garage - Now open



FISHING BRIDGE

Housekeeping Cabins - Now open.
Cafeteria - Now open for table d'hote meals at 75¢ per person. Regular
cafeteria service begins June 16
Haynes Picture Shop - Opens June 16
General Store - Now open

CANYON

Canyon Hotel - Ready to accommodate visitors morning June 17
Canyon Lodge - Lodging only available now. Regular service begins June 16
Housekeeping Cabins - Now open
Cafeteria - Now open for table d'hote meals at 75¢ per person. Regular
cafeteria service begins June 16
General Store - Now open
Haynes Picture Shops - Open June 16

TOWER FALLS

Roosevelt Lodge - Opens July 1
General Store and Lunch Room - Opens June 15
Housekeeping Cabins - Opens June 15

SYLVAN PASS

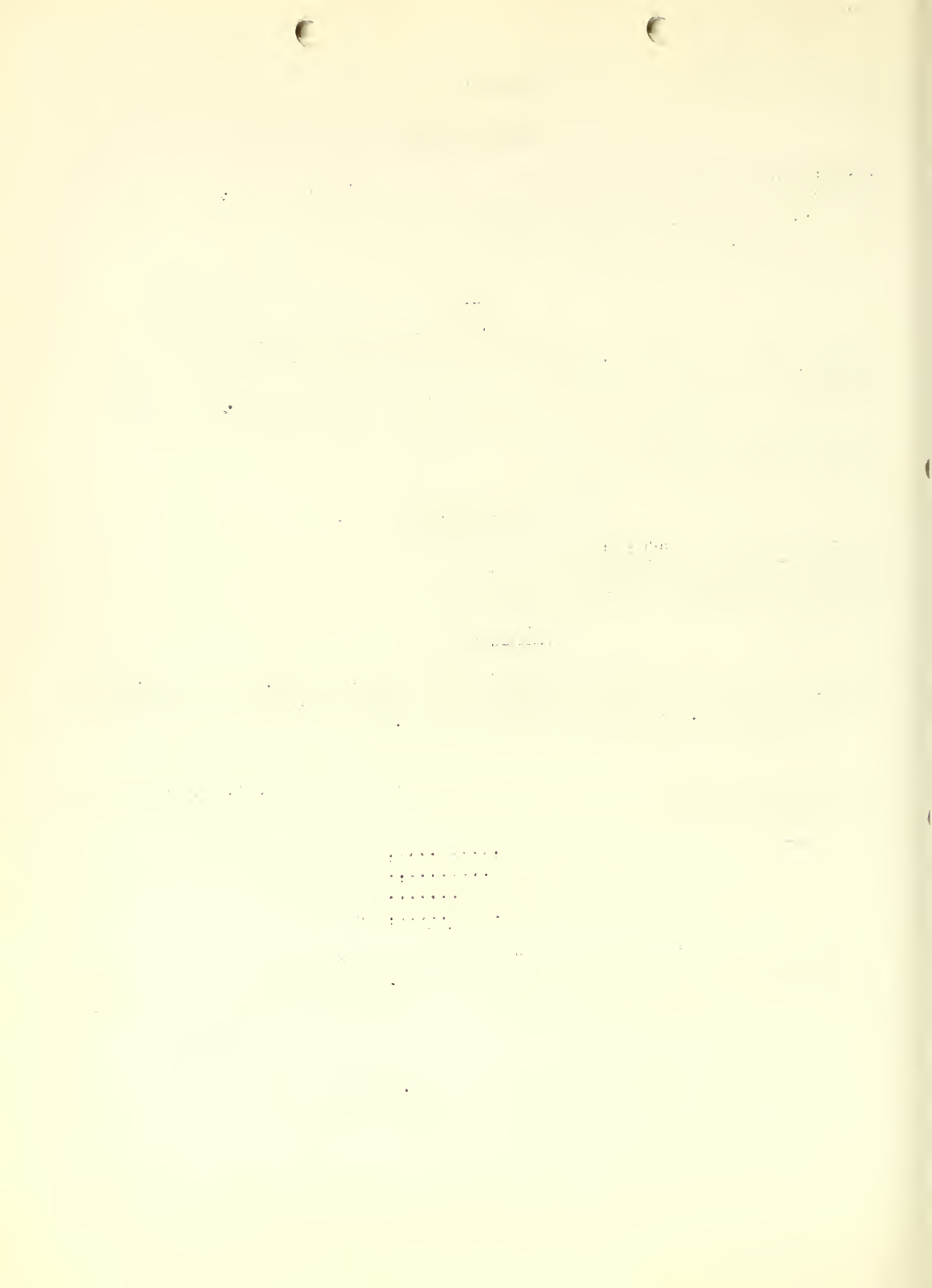
Sylvan Pass Lodge - Opens June 16 to take care of visitors. Lodging accom-
modations will be same as housekeeping cabin service. Regular meals to
be served at \$1.00; also lunch room service.

The roads which are now closed with snow will be open for travel on about
the following dates:

South Entrance.....	June 15
Dunraven Pass.....	June 17
Old Faithful-Thumb.....	June 17
Mount Washburn.....	July 1

Thirty of the 43 temporary rangers will report for duty on June 16 and
be taken to their duty stations on June 17 and 18. The balance of the tem-
poraries will report on June 30 and be taken to their duty stations on July 1.

ROGER W. TOLL
Superintendent



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

June 7, 1932

MEMORANDUM FOR ALL PARK RANGERS:

The inclosed fire manual, pamphlets and organization plan are for your guidance in fire protection work during 1932. The manual will be used, insofar as it meets the needs of the Yellowstone National Park, until such time as a suitable National Park Service manual can be furnished.

The inclosed timber permits are important in keeping records of the timber used in your district and serve as a check on all final clean-up work required by the permittee. These permits are to be filled out by each respective district ranger and signed by the party requesting the timber.

A permit must be filled out for EVERY person requesting timber irrespective of the amount or purpose.

The district ranger will keep all permits in his file until requested by the chief ranger's office.

GEORGE F. BAGGLEY
Chief Ranger



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

June 3, 1932.

MEMORANDUM FOR ALL PARK RANGERS.

For your information there is quoted a letter sent from the Superintendent's Office to all Park Operators selling gasoline in Yellowstone National Park:

"To conform with gasoline and oil prices in effect in Gardiner and points in the immediate vicinity of Yellowstone Park and due to an increase in the price of gasoline during the winter while the park operations were closed, the retail price of gasoline at all points in the park is increased one cent per gallon effective today, June 2, 1932. This increase in price makes the retail price of gasoline in the park as follows:

GASOLINE

At Mammoth Hot Springs	25¢ per gallon
At other points in the park	26¢ per gallon
Ethyl gasoline	3¢ above regular gasoline price

"Oil prices will remain the same as in effect May 12, 1931, namely:

OIL

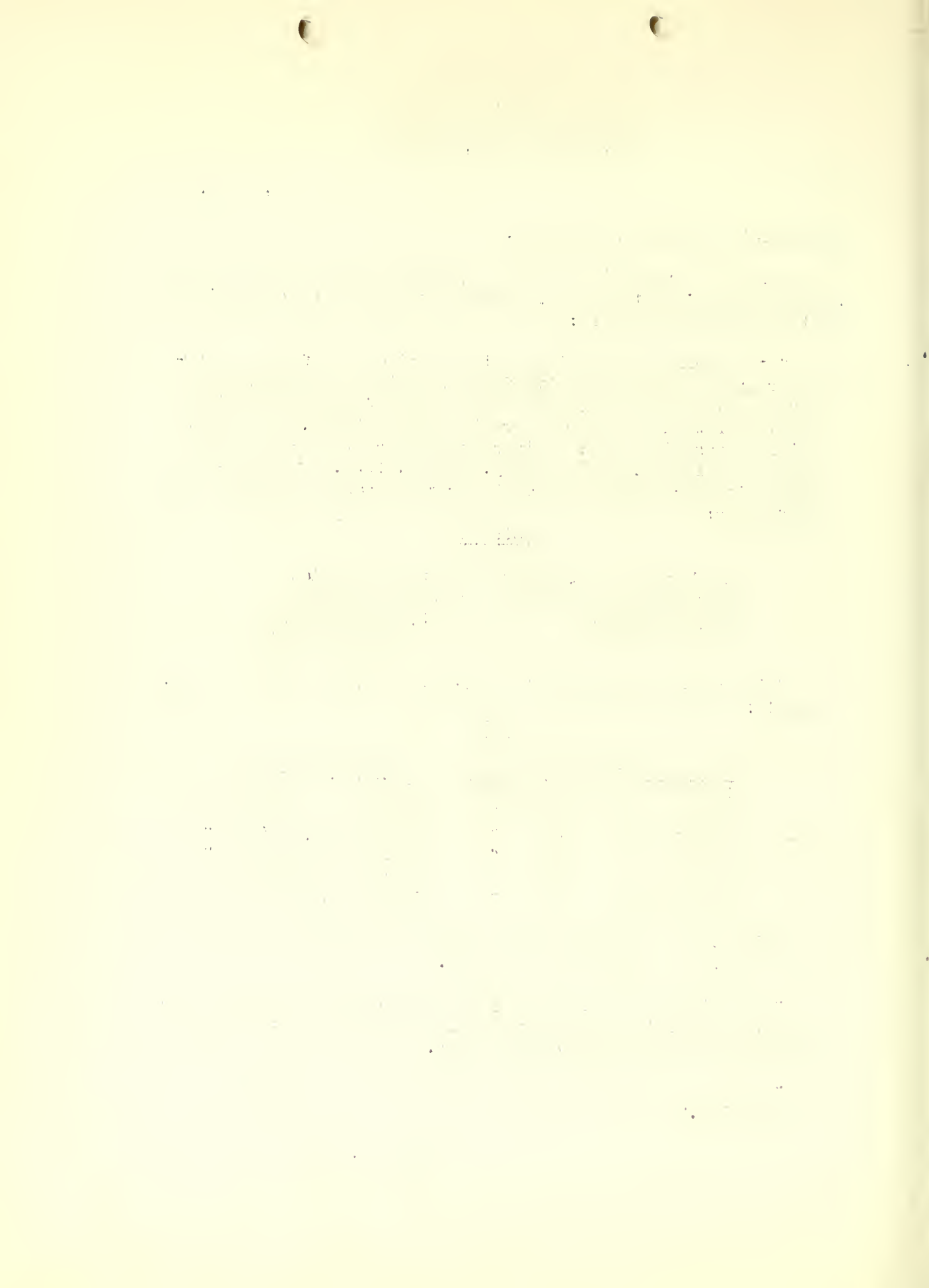
<u>Gern processed motor oils</u>		<u>Conoco motor oil</u>	
Light	35¢ quart	Light	30¢ quart
Medium	35¢ "	Medium	30¢ "
Medium heavy	35¢ "	Medium heavy	30¢ "
Heavy	35¢ "	Heavy	30¢ "
Special heavy	40¢ "	Special heavy	35¢ "
Extra heavy	40¢ "	Extra heavy	35¢ "

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

"The price to the National Park Service, for emergency purposes, will be 3¢ less per gallon for gasoline and 5¢ less per quart for oils than the above prices.

"The above schedule of rates will be in effect until further notice."

George F. Baggley
Chief Ranger



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

May 28, 1938

MEMORANDUM FOR ALL PARK RANGERS.

In order to clarify some of the report forms filled out by the rangers in the field the following points are given:

In lieu of the Monthly Gas Reports for rangers using their personal cars on official business, you will please include under 900 - Miscellaneous the number of gallons of gas and quarts of oil consumed and the number of miles traveled during the month.

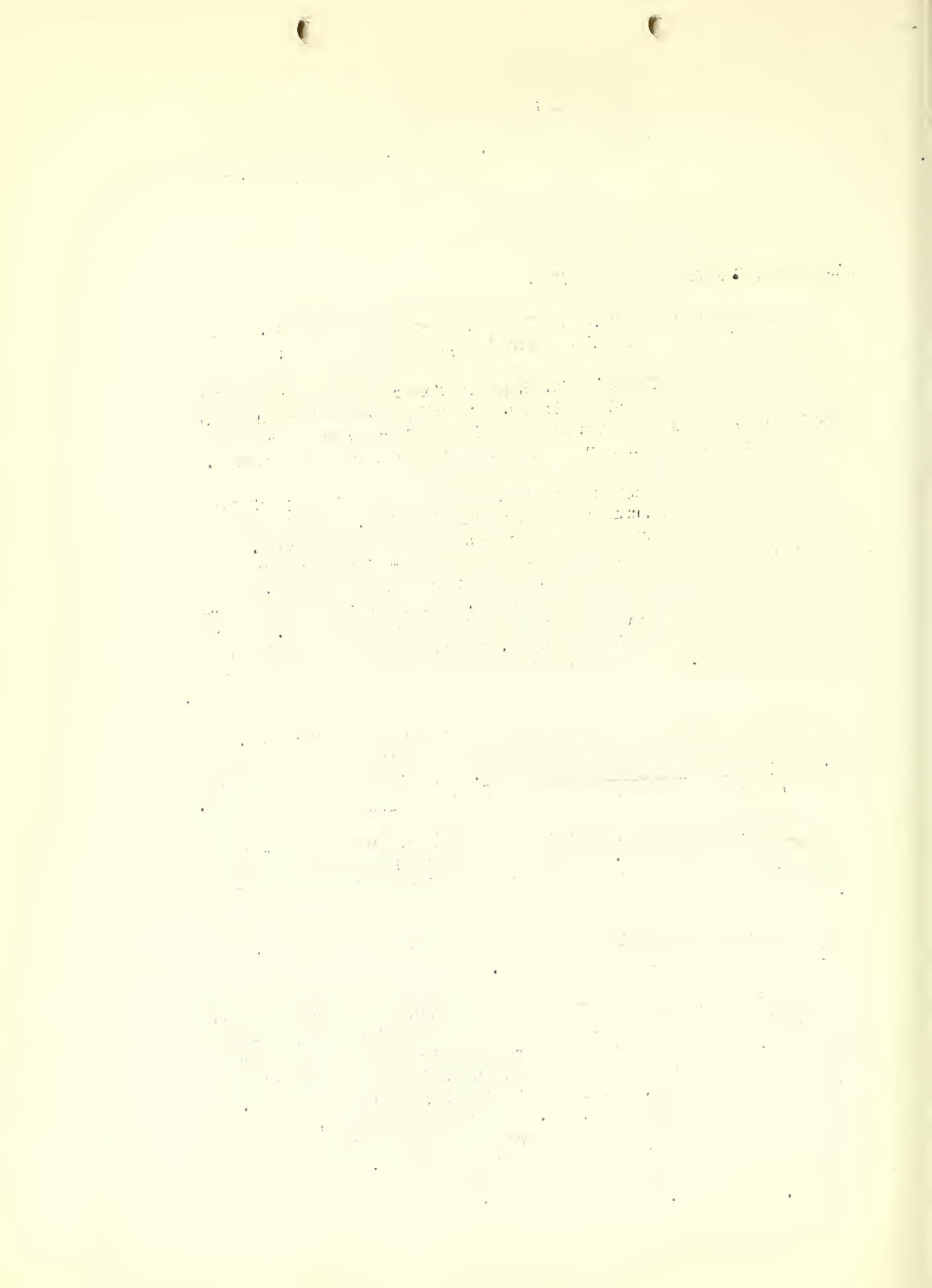
The cost of the hay and grain fed to horses at many of the ranger stations last summer was exceedingly high. It is our plan to check and watch the consumption of feed for horses. Therefore, will you please include under 900 - Miscellaneous the amount of hay and oats on hand the first of the month, the amount on hand at the end of the month, the amount received during the month and the average number of horses fed daily. Whenever possible horses will be grazed, thereby making a saving on the hay and grain. Your records should also show any hay and grain fed to horses other than those in the protection department.

The Lost and Found report has been changed considerably. Only articles that have some value are to be shown on these reports, which are to be submitted daily. Lost and found articles at Hotels, Lodges and Housekeeping cabins are not to be recorded.

The Individual Bear Reports are needed regardless how trivial the incident may seem. The Weekly Bear Report is self-explanatory and is to be mailed to this office on Sunday of each week.

The Motorcycle Patrolman reports are to be filled out daily and mailed to this office once a week.

All Accident Report forms are to be filled out and forwarded to this office as soon as possible after the accident has been investigated. In addition to the regular Accident Report forms we are sending to each ranger station Investigating Officer's Accident Report form No. 27, Driver's Accident Report form No. 26 and Claim for Damages form No. 28. Forms numbered 26, 27 and 28 are for use only when one of the cars or pieces of equipment involved in the accident is owned by the Government. Form No. 26 is to be filled out completely by the driver of the Government automobile. Form No. 27 is to be filled out completely by the



ranger investigating the accident and Form No. 28 by the driver of the private automobile, in case he believes he is entitled to damages. In all cases where Government automobiles or equipment are involved in an accident the investigating ranger will secure all possible data.

This year we are sending to all ranger station travel orders which were in use a few years previous. These travel orders are to be given to the temporary rangers, through the District Ranger, for traveling to points outside of their immediate stations. All permanent rangers are requested to ask any temporary ranger, who may be traveling, for his travel order. This office is to be notified if any temporary rangers are found traveling without orders.

George F. Bagley
Chief Ranger



Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--42
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Yellowstone Park, Wyo., June 00 -- Probably only five of every hundred persons visiting Yellowstone National Park ever heard of Tom Thumb Geyser, but if the National Park Service can bring it about, every person that visits the Grand Canyon area from now on will not only hear about it, but will see it, if they have a good reserve of energy.

Tom Thumb shares honors with the Fairy geyser and one unnamed spout. Each of these three is distinguished by its diminutive size and almost constant activity. To reach the tiny basin of geysers, one must follow Uncle Toms trail, the longest and steepest regular trail in the park. The trail leads right to the bottom of the Grand Canyon, and after reaching the last observation, one must still descend a hundred feet in order to get to the edge of the Yellowstone river.

Right on the edge of the river is the Tom Thumb. Its cone is only about three feet in height and right at the top is the tiny vent which sputters and pops and steams and fumes throughout the year. To find the Fairy geyser one must look into the waters of the river itself, for the cone of this spout is entirely submerged, and only its tiny stream of water and steam shooting out over the hurtling waves indicate its presence there.

From Uncle Toms Trail an unmatched view of the Lower Falls, 508 feet of churning water, can be seen, as well as a striking view of the canyon. To make the trail more attractive and easy for visitors, rangers have just put in one new observation platform, three flights of stairs, and new surfacing on the trail. A new platform is also being constructed above the Upper Falls, farther up the river.

J.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--41

Yellowstone Park, Wyo., June 00 -- When movie actors and actresses come to Yellowstone National Park, they'll have to do more than go under their real names, or under their husband's or dress as sagebrushers. For, from recent experience, it is evident that park rangers stationed at the four gateways to the wonderland, not only are "posted" on all the phenomena here, but know their stars.

Dorothy Mackaill came into the Cody entrance of the park on June 29, but she registered as Mrs. Neil Miller. No one has a better right to register as Mrs. Neil Miller than Dorothy, for her husband, Neil, was right with her.

However she hadn't taken five steps into the park, when the ranger noted the resemblance. Miss Mackaill was apparently certain that she was incognito, because she was sporting a heavy dusky tan and her garb was typical of the sage-brusher, whose idea of a vacation is to don roughing clothes, high boots and breeches. So when the interested ranger asked Mr. Miller if his fellow-passenger wasn't Dorothy Mackaill of movie fame, he did not deny it, but expressed surprise.

"How on earth did you know," he queried.

To which, a la Will Rogers, the ranger replied a trailing answer, "I see by the papers"

Mr. and Mrs Miller will spend several days at Yellowstone Lake with full expectations that they will snare several record-breaking trout.

J.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--40
- - - - -

Yellowstone Park, Wyo., June 00 -- After twenty years of teaching botany and ecology in large state universities, Dr. W. B. McDougall has finally severed his connections with the professional academic world to allow himself full time to observe the beauties of Yellowstone National Park and set his observations into print.

As a teacher of botany, specializing in flowers and mushrooms, Dr. McDougall has been affiliated with three of the largest state universities in America; first with the University of Michigan where he took his undergraduate and graduate work; then at the University of Illinois where he taught from 1913 to 1929; and finally at the University of Southern California where he lectured from 1929 until 1931.

Author of numerous books and botanical papers, Dr. McDougall is probably best known for his "Plant Ecology", published in 1927, and "Mushrooms", published in 1925. Another book, "Wild Flowers of Illinois", completed in 1925, is to be published this summer by the Illinois state natural history survey.

At the present time he is working on the manuscript of "Wild Flowers of Yellowstone Park". This work will be a key to the 750 varieties of wild flowers in the park, and while still in manuscript form it will be published later.

Planning to devote most of his time to free lance writing and lecturing, Dr. McDougall spends each summer in the park gathering material, lecturing to visitors and enjoying himself generally. He gives three lectures a week as a ranger naturalist, covering flowers, mushrooms and wonders of the park.

J.H.M.

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PRESS MEMO. -- 1932--39

Yellowstone Park, Wyo., June 00 -- Scenic artists are pointing brush and palette toward Yellowstone National Park. With the season less than ten days old, already three noted landscape artists have descended upon the great national park eager to set upon canvas the beauties of the Grand Canyon, Yellowstone Lake, the geyser basins, Mammoth Hot Springs and the thousands of other phenomena that thrill hundreds of thousands each year.

Latest to arrive is Sidney Laurence, noted scenic artist, who will spend a month in the park area. Mr. Laurence is noted for his beautiful landscapes of Alaskan spots and the Pacific coast. Speaking of Laurence's ability, the art editor of the Literary Digest says,

"I can think of no American artist that is better suited for the task of setting the beauties of Yellowstone on canvas".

For three weeks, Lewis A. Ramsey, Western artist from Salt Lake City, has been striving to catch that beauty of the Yellowstone canyon in all its moods. Already he has completed five small paintings of the Lower Falls of the canyon, and is now working on a large view from Artist's point, from which location Thomas Moran painted the famous Canyon picture which now hangs in the Capitol at Washington.

Known as the "painter of canyons", Mr. Ramsey has set in oils the beauties of Bryce and Zion canyons, the north and south rims of the Grand Canyon of the Colorado, the Teton mountains, Cedar Breaks, the deserts of Arizona and Nevada, besides numerous sketches of the Navajo Indians in Nevada and on the south rim of the Colorado canyon.

After studying in Boston, Chicago and at the Academy Julien in Paris, Mr. Ramsey has been painting in the West for 30 years.

Gustav Krollmann left here ten days ago after a pre-season stay of three weeks.



Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--38

Yellowstone Park, Wyo., June 00 -- An opportunity for visitors to Yellowstone National Park to observe wild game at close hand is being developed for the first time this year by means of a wild game stalking caravan.

Introduced for the first time at the Grand Canyon station of the Yellowstone, this innovation is likely to become a regular feature throughout the park, ranger naturalists believe. The second caravan is expected to be established at Mammoth Hot Springs soon. At Canyon, the auto caravan heads out over the highways twice a week, so far each Tuesday and Saturday, just before the twilight hour.

It is at this time that wild animals begin to come out from their hideouts and feeding grounds in the forest areas and higher altitudes, according to Dr. W. B. McDougall, ranger naturalist in charge of the Canyon station.

To make sure that the caravan will come upon the maximum of wild animals during its tour, the route followed is mapped out according to reports of rangers, who in the course of their patrol work have the best opportunity to observe just where the wild life is concentrated. When their reports are made, the ranger naturalist who is to serve as a guide for the game stalking caravan maps out his journey. Oftentimes the route leads directly over main highways, while occasionally it leads over side-roads.

Moose, deer and numerous bears were seen on the first caravan tour. On the second occasion the caravan sighted at least 200 elk feeding in Hayden valley.



PRESS MEMO. -- 1932--37

Yellowstone Park, Wyo., June 00 -- He was just another young Eastern gentlemen seeing Yellowstone National Park for the first time. His name, though it makes no difference, is C. H. Haskett, and he calls North Carolina his home state. He is with the bureau of fisheries stationed in the park during the hatching season.

Last week he was sent out in company with another man to Peale island in Yellowstone lake, twenty miles away from the nearest habitation. At first, he says, it seemed awfully lonesome.

Then one night at about 7 p.m. he went out to take a look at the fish trap on Chipmunk creek. As he approached the creek he halted suddenly and observed the scene before him. With the golden-red sun just approaching the horizon, and the tall pine trees hemming in the meadow surrounding the creek, he saw before him an arena of company, in a spot where he thought himself absolutely alone.

Above him was a huge flock of wild geese, loosening their siren call as they floated by. To one side, idly puddling about just off the lake shore was a bevy of ducks. Scattered about on various trees, bushes and rocks were dozens of osprey or fish-hawks, watching for their prey with steely eyes. With their awkward gangling beaks sagging and eagerly awaiting the deposit of their fish-victims, half a dozen pelicans were splashing about in the muddy creek waters. Overhead and everywhere on the shore were hundreds of white gulls, squawking, flapping their wings, or sailing smoothly through the sunlit blue of the sky.

Sidling slowly out of the forest came a mother bear and her cub. To one side of the meadow, with lumbering steps walked a moose. Calmly browsing

(more)



in the lush green of the meadow stood a cow elk and her new born calf. Everywhere about him scampered porcupine, woodchucks, ground squirrels and field mice.

The young man, who thought himself lonely and alone, was in a paradise of wild life. Now, for nearly four weeks he has been on the tiny island, with only one human companion. But he is far from lonely, for every night just before sundown he makes the same trip to the scene where he first found himself.

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1932--Fillers--3

Yellowstone Park, Wyo., June 00 -- In times past if one wanted to emphasize the rarity of anything, he said it was as scarce as "suckers in Yellowstone Lake". However, on June 22 a small-scale and small sized sucker was found in one of the fish traps in a creek leading into the lake. Only once before in the history of the park has a sucker been found in the lake.

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Yellowstone Park, Wyo., June 00 -- Three park rangers will go on their stations as fire lookouts this week in Yellowstone Park. Lookouts are stationed on Mounts Holmes, Sheridan and Washburn, all at widely separated and strategic points in the park, according to George Baggeley, chief ranger. All lookouts will be ready to take observations on July 1.

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Yellowstone Park, Wyo., June 00 -- Forgetting bids, honors, and contract for an entire season, Miss Muriel Wilson, 77 Park Avenue, New York City, bridge expert and teacher of the Culbertson system, enjoyed a tour of Yellowstone National Park recently. She plans to be away from New York all summer visiting the Pacific coast before returning home.



Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--36

Yellowstone Park, Wyo., June 00 -- If Tillie the Toiler of comic strip fame ever gets married and wants to learn about motherhood, she might well take a lesson from Tillie the Woodchuck of Yellowstone Lake in the nation's vast wonderland.

Tillie's housekeeping schedule is simple: eat half a year; then sleep half a year. Tillie instructs her brood carefully. She says in effect, "Eat heartily while the generous visitors are here, for in the fall you go into hibernation without food."

And well do the younger woodchucks learn their lesson, for from early spring to late August they gorge themselves on every delicacy offered them by overjoyed visitors who take a fancy to their antics. By fall every woodchuck around Lake is fat enough to roll like a ball. Then with the arrival of the first chill fall wind, they go into hibernation, and, without nourishment during the winter, they come out in the spring gaunt and frowzy, ready for another season of gormandizing.

Probably no person in the park knows woodchucks as intimately as does Jack Cronie, manager of the boat company and general factotum of fish hooks, speed boats, rowboats, beautiful sunsets and woodchucks. Tillie is more than a woodchuck, says Jack. She's a weather prognosticator. If she goes into hibernation later than August 30, Mr. Cronie looks for a winter of light snow and little cold. If she goes before August 30, he expects deep snow and a long winter. Last fall she retired on August 15, and the subsequent exceptionally heavy snowfall testifies to Tillie's reliability, in Jack's opinion.

"Tillie had bad luck last year", says Jack. "She had 10 youngsters in her litter, so many that she had to set a second table at feeding time. This year, much wiser, she has six." - 0 0 0 -

J.H.M.



Yellowstone Park, Wyo., June 00 -- Constantly changing in size, locality and character of activity, geysers in the Norris basin of Yellowstone National Park are this year doing unusual tricks as the vents are fed by exceptionally large quantities of water from the thawing snows of the mountains. Thirteen geysers and hundreds of hot pools dot the basin.

Valentine geyser, formerly erupting only about once a week, now tosses its 75 foot spout every day, and its activity covers about a two-hour period before it subsides completely.

Whirligig geyser, distinctive because when it goes into action it sounds like a locomotive pulling out a load of cars, has become almost as faithful as Old Faithful itself. Whereas last year it played very irregularly two or three times a day, it has been clocked every day since June 18 and plays on a remarkable schedule of 55 minutes almost to the dot.

One of the marathon geysers of the basin is the Ledge. This fountain of steam and water played only four times in 1931, but more activity is expected this year. Already once this season, on June 21, it played, and at that time was active for five hours, shooting its stream obliquely about 75 feet.

Another vent that has doubled in activity is the Constant geyser, which is playing this season every one or two minutes, whereas last year the interval between eruptions was four minutes. Fan geyser holds to its same schedule as last year, playing at irregular intervals about twice a day. This spout rises about 30 feet high and spreads to a fan-like shape. Emerald spring, active only as a spring for many years, and not known as a geyser, erupted all winter to a height of about 40 feet, but as the park season opened it subsided and is again a beautiful bubbling spring.

Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--33

Yellowstone Park, Wyo., June 00 -- It isn't only in Chicago that they take bad actors "for a ride". Yellowstone National Park has its renegades, too, only here they are in the person of black and brown bears.

"Mugwump", so-called because at all times she asserts her independence, and her little cub, "Wumpus" seemed to have a corner on crime around the Canyon lodge. In a class with the Katzenjammer Kids, they were regarded by visitors and employees of the lodge as a real nuisance, because of the zeal with which they pursued their search for appetizing food.

Park rangers in the Canyon district decided to put an end to the Mugwump tyranny last week. So they rigged up the huge bear trap, towed it behind the lodge and hung a nice juicy slab of bacon on the latch-string which is attached to the big iron door. The bear trap is nothing less than a section of galvanized culvert mounted on an auto trailer. The diameter of the cage is about four feet. A huge steel door, barred like a prison cell, was left open with a welcome sign in the form of tempting bits of bacon leading through the door and into the cage where on the far end hung the "bait".

Mugwump did not "bite" the first day, but about 5:30 the next morning, a huge commotion in the bear-trap sounded notice that she had "bitten" in a big way. Little "Wumpy" was in a turmoil, climbing all over the outside of the beartrap, trying to get his mother out. When rangers approached, he scampered up a tree. For several hours they tried to entice him down, but to no avail. Finally, after the cub climbed a forked tree he was captured by considerable wheedling and coaxing. Having been deposited in a cracker-box, he was loaded on top of the trap.

Then began the chastising ride. For 18 miles the Mugwump duo was trundled over smooth highways and rough sideroads. Finally reaching the

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Add -- Bear Capture
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Gibbon meadows, the rangers released the cub near the Gibbon river. Wumpus was thirsty after his imprisoned journey so he immediately hiked for the river and swam across. Mugwump, released a moment later, departed more slowly, emitting grunts of chagrin and hearty disapproval as she went.

The story would not be quite complete if it were not related that just three nights later, Mamma Bear and Baby Bear were right back on the scene of their depredation and downfall, none the worse for wear.

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1932--34

Yellowstone Park, Wyo., June 00 -- As an indication of the wide variety of entertainment and knowledge offered in lectures given by ranger naturalists in Yellowstone Park, a glance at the weekly schedule at just one point of interest, The Grand Canyon, shows how completely Yellowstone lore is explained to visitors.

The schedule follows: Sunday, "Nature's Workshop", by Dr. W. B. McDougall; Monday, "Yellowstone Big Game Animals", by David deLancey Condon; Tuesday, "Geological History of Yellowstone Canyon", by Trusten E. Peery; Wednesday, "Flower Gardens of the Park", Dr. McDougall; Thursday, "Birds of the Canyon Region", Mr. Condon; Friday, "Indians and Early Explorations in the Park", Mr. Peery; and Saturday, "Mushrooms and Their Yellowstone Friends", by Dr. McDougall.

J.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--32
Release ON RECEIPT

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Yellowstone Park, Wyo., June 00 -- Friends of William Henry Harrison who served as a park ranger in Yellowstone National Park are rejoicing over the fact that this descendant of two presidents of the U. S. has been honored with the republican nomination for congress from the 12th Indiana district.

Having been a park ranger in Yellowstone for three years, one year in the same capacity at Glacier National Park, graduated from the law school of the University of Nebraska, and then spent several years as a stock raiser in Nebraska, William Henry now seeks to follow in the footsteps of his grand and great-grandfathers and "go down to Washington to get an inside view of just how the country's getting along".

William Henry is the grandson of Benjamin Harrison, 23rd president of the United States, and great-grandson of William Henry, ninth president. He is a veteran of the World War, although he did not see foreign service, and he has been a member of the Indiana legislature.

An incident related by his friends in the National Park Service indicates that he did not seek to "get by" on the strength of his background. While serving as a ranger in Yellowstone Park, a prominent Texan whom Harrison had arrested for an infraction of the park rules, protested bitterly, citing his pedigree in a plea for leniency. He rebelled at the humiliation of being arrested by "just a park ranger".

After listening to the Texan's explanation, the park commissioner replied:

"Forget your lineage, friend; that's what other people in the west do. That "just a ranger" who arrested you might have mentioned that he is the grandson of one U.S. president and the great-grandson of another."



Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--31
Release ON RECEIPT

Yellowstone Park, Wyo., June 00 -- New and revised nature trails completed last fall and early this spring are adding new pleasure to visitors at Mammoth Hot Springs and Old Faithful in Yellowstone National Park.

Having marked the old, steep trail over the formation at Mammoth Hot Springs so that it will be self-guiding, rangers in the National Park Service have built a complete new trail for future visitors. This new route is shorter and wider, but at the same time covers all the essential features of the old trail and requires less energy on the part of the hiker than the old one.

At Old Faithful in the Upper Geyser basin the trail over geyser hill has been surfaced with emulsified asphalt that is hard and free of dust and blends in well with the white geyserite of the hill. Other improvements here include replacement of the old log steps with rock inclines, a widened path, and minor changes in routing to offer more shade to guide parties and add several new features not covered in the old trail.

An unexcelled opportunity for study of birds and flowers in the park is offered in the nature trail at Old Faithful. Several times daily a ranger naturalist leads hiking parties over these trails, and for individual tours the pathways are well enough marked to make the trip an interesting one even for the uninitiated visitor.

Nature trails in the many other park districts have not undergone any radical change, only minor improvements having been made.

J.H.M.

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Department of the Interior
National Park Service
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PRESS MEMO. -- 1932--30
Release ON RECEIPT

Yellowstone Park, Wyo., June 00 -- Spring flowers blooming in abundance near Tower Falls in Yellowstone National Park are making that area a veritable garden of color. Right now visitors will be able to see the true forget-me-not blanketing the hillsides with its dainty blue blossoms, a sight which will not greet later arrivals in the park.

White phlox in full blossom are rapidly covering up the rounded cuts made in the construction of new highways. Wherever a bit of soil gives these flowers a chance to take root, they burst forth with their white beauty to cover up the spots bared by man and machine. Even the sagebrush hills are covered with balsam root, the yellow blossom that resembles a sunflower, but unlike it, hangs low and offers a striking contrast with its graying-green, arrow-shaped leaves. Larkspur also abounds on the trails around Tower Falls.

Fully living up to its name, Clematis gulch near Mammoth Hot Springs, is bursting forth in all its glory as the blue clematis decks the sloping sides. At Tower Falls also, this flower vies with the forget-me-nots, the larkspur and white phlox for superiority in color. And on the formation at the hot springs, the park flower, the Rocky Mountain fringed gentian, smiles its blue smile to the similarly-tinged sky above.

J.H.M.

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Department of the Interior
National Park Service
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PRESS MEMO. -- 1952--29
Release ON RECEIPT

Yellowstone Park, Wyo., June 00 -- To Dr. Ivan T. Budaeff, Yellowstone National Park must seem a quiet and restful spot indeed.

High official in the Kerensky government in Russia, wartime regimental doctor, refugee from the Bolshevists in Russian and Chinese Turkestan, captive guest of the Chinese in a huge temple on the Gobi desert, medical attendant at a Peiping mission, assistant in Russian refugee work in China, medical student in the U. S.--these are a few of the experiences Dr. Budaeff had before he came into the park to be stationed at the Mammoth hospital.

Dr. Budaeff dismisses most of these hair-raising incidents by referring to the period as "dark days that might better be forgotten". He merely mentions that he served for two years in the medical division of the Russian White army. Casually he adds that when the Bolshevik overthrow split Russia wide open, he and his comrades were in hiding underground for seven months, with only an occasional peep at the sky under cover of night. Then as refugees in Turkestan, they spent two months of starving, freezing hardship so that their numbers dwindled from 35,000 to 7,000 men, most of them victims of the typhus germ.

Finally, surrendering to the Chinese, they were forced to break their swords and give up all their arms. Then, and only then, were they given food and installed in a huge religious temple on the Gobi desert. Later at Peiping, Dr. Budaeff worked among Russian refugees, then came to the U. S. in 1923, where at Oregon university he completed his medical studies.

Now at Yellowstone Park, he finds joy in his work at the hospital and pleasure in his great hobby--chess. Under his sponsorship a local chess club has been organized and joined the National Chess Federation.

Department of the Interior
National Park Service
Yellowstone National Park

NEWS MEMO. -- 1932 --28
Release ON RECEIPT

Yellowstone Park, Wyo., June 00 -- Although operations have been retarded by high water and the constant addition of cold water from the snow-capped mountains, already nearly three million eggs of the Native or Cut-throat trout have been taken from streams around Yellowstone Lake in Yellowstone National Park according to Fred J. Foster, district supervisor in charge of the fish hatchery at the lake.

Because of the cold water in the tributary streams, fish are staying in the lake and are not going up stream in the numbers they usually go. Another problem faced this year is the high water which allows the fish to go over the top of the traps set to catch the spawning trout.

It is expected that before the egg-taking season is over, about 15 million eggs will have been taken and placed in the hatchery for ultimate planting as "fry" or "fingerlings" in Yellowstone lake and the waters within its drainage, Mr. Foster reports. The large launch of the U. S. Bureau of Fisheries is making trips every other day to the eight points about the lake to gather in the eggs. Fertilization of the eggs is accomplished right at the traps, and the fertilized eggs are then placed in troughs at the hatchery.

A new display at the hatchery this year is the tank of Mackinaw or Lake trout. These fish are found in Heart, Lewis and Shoshone lakes and develop to the largest size of any fish in the park. Fishermen have pulled in Mackinaw trout that scaled as high as 37 pounds.

With live displays of nearly every variety of fish found in the park, the hatchery is looking forward to a season as successful as last year when 25,000 visitors went through the hatchery and aquarium.



Department of the Interior
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MEMORANDUM FOR THE PRESS
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1932--27

Yellowstone Park, Wyo., June 00 -- Nineteen states and two foreign countries were represented by passengers brought to three gates of Yellowstone National Park June 20, the day railroads officially opened their tours to the park.

First to register for the four and a half day bus tour of the park from the West Yellowstone entrance were Mr. and Mrs. C. R. Deniyse, 953 Seventy-Ninth St., Brooklyn, N.Y. They represented the advance guard of visitors from 15 states and Holland who were the first railroad arrivals at the west entrance, served by the Union Pacific system.

Mrs. Charles F. Mink of Buffalo, N.Y., shared honors with the Herman J. Oeser family of 224 W. Widner St., Philadelphia, as first registrants from the Cody entrance, served by the Burlington railroad. Eleven states and Scotland were represented by entries from Cody.

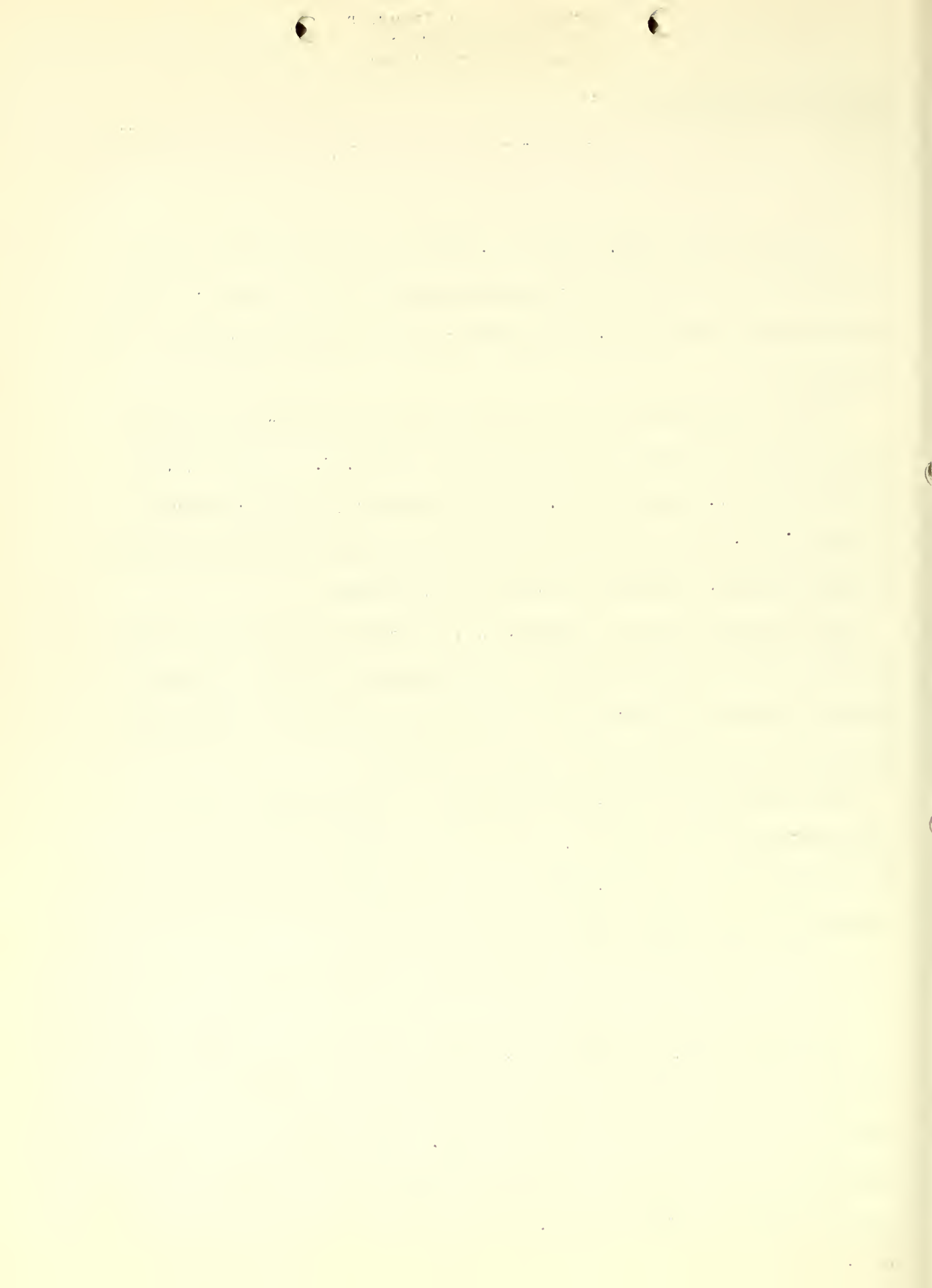
Mr. and Mrs. B. B. Enos, 41 Fairmount St., Salem, Mass., and E. B. Padgett, 524 Cherry St., Galion, Ohio, were the first to enter over the Northern Pacific to Gardiner, Mont., the north gateway. Seven states were represented by passengers arriving there.

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Yellowstone Park, Wyo., June 00 -- Miss C. Christianson of Copenhagen, Denmark, holds the distinction thus far of having come the greatest distance this season to see Yellowstone National Park. Miss Christianson gives her Copenhagen address as Missionskotellet Longarigstrade, which may or may not mean anything to the postman there.

J.H.M.

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Department of the Interior
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MEMORANDUM FOR THE PRESS
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1932--26

Yellowstone Park, Wyo., June 00 -- Members of the American Society of Civil Engineers will combine business with pleasure when they assemble in Yellowstone National Park on July 6 for a four day national convention at Old Faithful Inn.

Prominent among the leaders in the field of engineering who will address the gathering the first day are: Dr. Elwood Mead, commissioner of reclamation with the department of the interior at Washington; Clarence T. Johnston, professor of geodesy and surveying of the University of Michigan; Herbert S. Crocker, Denver, president of the society; Herman Stabler, chief of the conservation branch of the U. S. geological survey at Washington; R. K. Tiffany, consulting engineer of Olympia, Wn.; W. G. Hoyt, hydraulic engineer with the conservation branch of the geological survey; H. C. Troxell, Los Angeles, assistant hydraulic engineer with the water resources branch of the geological survey; C. C. Bates, St. Paul, Minn., with the department of agriculture; Daniel W. Mead, professor of hydraulic and sanitary engineering at the University of Wisconsin; and Dr. Richard M. Field, professor of geology, Princeton university.

F. A. Kittredge, chief engineer for the National Park Service, representing the Director of the Service, will address the convention on "The National Parks and Their Improvement". Superintendent Roger W. Toll of the park will make the address of welcome.

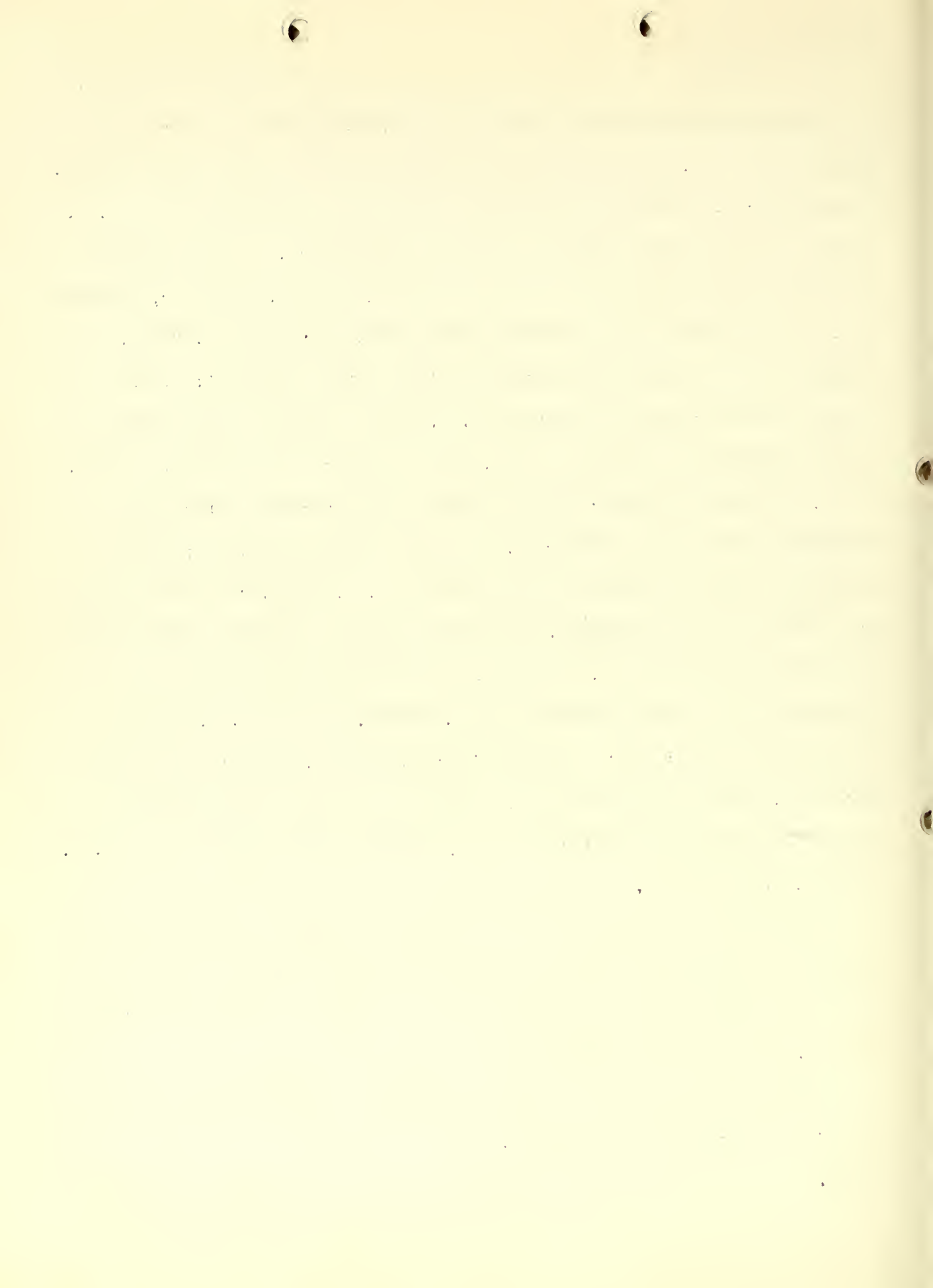
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Speakers for the second day who will lead discussions on a variety of topics are: C. B. McCullough, bridge engineer for the Oregon highway department, Salem; L. I. Hewes, San Francisco, deputy chief engineer for the U. S. bureau of public roads; Thomas M. Robins, San Francisco, division engineer with the Pacific division of the war department; Roger B. McWhorter, Washington, chief engineer with the federal power commission; Harold A. Rands, Portland, Ore., hydro-electric engineer with the war department; L. F. Harza, Chicago, consulting engineer; J. G. Mason, Lincoln, Nebr., state bridge engineer; and Alfred L. Ogle, his assistant; William Grant, Lincoln, Nebr., consulting engineer; Milo S. Farwell, San Francisco, structural engineer; John A. Crook, Denver; J. W. Beretta, San Antonio, Tex; Terrell Bartlett, consulting engineer of San Antonio; D. C. Henny, consulting engineer, Portland; John H. Gregory, professor of civil and sanitary engineering, John Hopkins university; C. E. Pearce, chief designing engineer of the Pasadena, Calif., water department; E. B. Debler, with the U. S. bureau of reclamation, Denver; Sam G. Porter, Calgary, Alberta, Canada; H. H. Hatch, Westfield, Mass.; Norman Gallison, director of public and press relations for the Six Companies constructing the Hoover Dam, Las Vegas, Nev.; and W. H. Gardner, of Ronald, Wn.

Entertainment provisions for the convention include lectures, visits to museums and bear feeding grounds, dancing, an excursion from Old Faithful to the Grand Canyon of the Yellowstone and a geological tour to Tower Falls with Dr. Field as guide conductor.

Arrangements for the tour are in the hands of George T. Seabury, New York City, secretary of the society.



Department of the Interior
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Yellowstone National Park

MEMORANDUM FOR THE PRESS

Release ON RECEIPT

1932--24

Yellowstone Park, Wyo., June 00 -- Isaac Kashdan, one of the greatest American chess masters and a player with an international reputation, will appear in an exhibition match in Yellowstone National Park July 1.

On a tour of the U. S. Mr. Kashdan has been invited to appear at Mammoth by the local chess club whose president Dr. Ivan T. Budaeff is a chess enthusiast and player of considerable renown.

Coming here after his appearance at Billings on June 30, Mr. Kashdan will play in exhibition matches with the best players in the Mammoth club. Arrangements for the match are in the hands of W. T. Lathrop, park meteorologist and secretary of the club.

Organized last winter under the impetus given it by Dr. Budaeff, the club now numbers sixteen members and has sponsored a junior class of chess players for youthful members of the park community.

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1932--25

Yellowstone Park, Wyo., June 00 -- A trip taken through Yellowstone National Park recently by H. H. Lake, a retired banker of Center City, Colo., and now of Denver has revived old memories of his friendship with Nathaniel P. Langford, one of the pioneers in the park's exploration and development, and its first superintendent. Mr. Lake knew Langford while he was a bank examiner covering a large area in the west and southwest.

J.H.M.

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Department of the Interior
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MEMORANDUM FOR THE PRESS
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1932--23

Yellowstone Park, Wyo., June 00 -- Just 30 years after he was stationed in Yellowstone National Park with the U. S. Cavalry, Sergeant C. L. Davis, now retired in Washington, D. C., paid his second visit to the park late in June.

"Yellowstone has lost none of its beauty," he said after hunting out his favorite spots on the loop. "I find quite a number of new buildings, good roads everywhere, automobiles instead of horses and stages, but the highlights of the park are still the same."

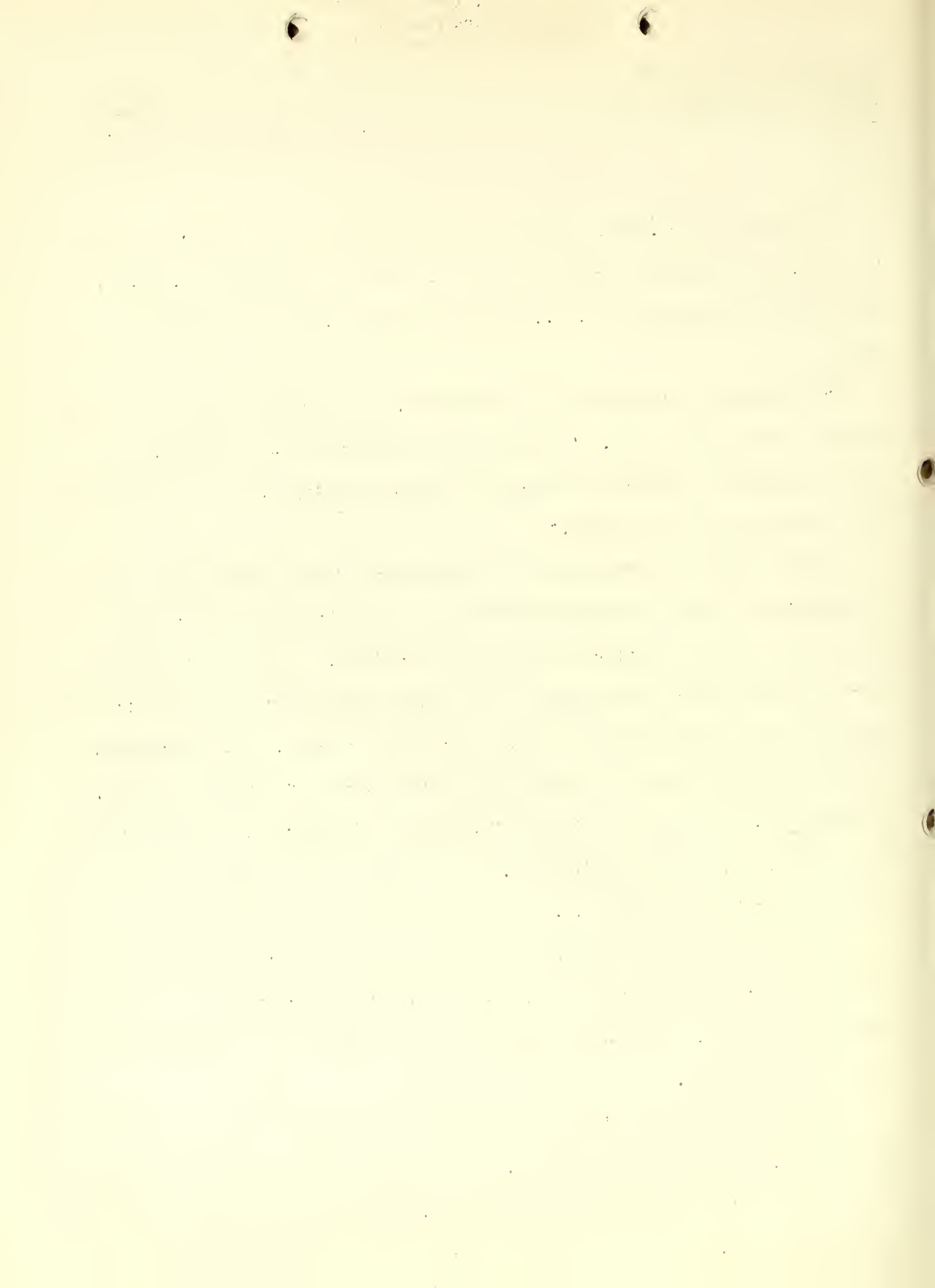
Today a smooth highway takes the visitor from Canyon over Dunraven Pass to Tower Falls, while in Sergeant Davis' day the visitor could reach that scenic area only by a difficult journey on horseback. As a member of Troop C of the 13th Cavalry three decades ago, Sergeant Davis formed lasting friendships with the old scouts who helped to protect park game. Davis expressed keen disappointment when he couldn't find trace of any of his old comrades. He wondered what happened to "Buffalo" Jones and Jim McBride. He asked about Scouts Holt, Graham and Ben Morrison, but ^{some} / are ^{dead} / and live only in the legends which they built up. Others have long since left the park.

Poachers presented the gravest problem to scouts and cavalrymen in the old days, Sergeant Davis recounted. He recalled with particular pleasure one "Snowshoe" Johnson, an oldtime trapper who had a mania for taking wild game out of the park area.

"Johnson could travel faster on snowshoes than any man I've ever seen," he declared. "He was a great fellow, but he was too hard on the big game, and I guess he finally was sent up to prison, but I'll bet they had a fine time getting him."

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J.H.M.



Department of the Interior
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MEMORANDUM FOR THE PRESS
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1932--22

Yellowstone Park, Wyo., June 00 -- Like a picture out of grandmother's album come to life--two young men on a Pierce-Arrow tandem bicycle of 1890 vintage are catching the eye of Yellowstone National Park visitors.

The two adventurers, Royal and Carl Akins of Bellaire, Mich., have already covered 9,000 miles on their cooperative vehicle, and leaving the park they will head for home, expecting to reach there after having pedalled 11,000 miles.

Traveling as the "Boys of Yesterday", the two cover about 100 miles a day, entertain at club gatherings along the way, and when their money runs out, Royal, the older, works at his trade of piano-tuner until the company finances allow further traveling. Their journey is pretty much of a lark, but they feel they are gaining an education which would be hard to duplicate. A placard on their wire-horse, "No Gratuities Excepted", is displayed in much the same spirit as their journey is undertaken. With musical saw and harmonica they entertain as they go. Their 42 year old vehicle was discovered in an old bicycle shop in Traverse City, Mich.

Carrying greetings from governors of three states to the sponsors of the National Cherry Festival in Traverse City, the boys hope to be there by July 15 for the opening. Governors Rolph of California, Meier of Oregon and Ross of Idaho have dispatched their greetings to the festival with the strange duo.

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Yellowstone Park, Wyo., June 00 -- Col. C. E. Brigham, an officer in the chemical warfare division of the U. S. Army, stationed at Edgewood Arsenal, Md., was a recent visitor to Yellowstone National Park.

J.H.M.

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Department of the Interior
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MEMORANDUM FOR THE PRESS
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1932--21

Yellowstone Park, Wyo., June 20 -- With a unique campfire ceremony the huge amphi-theater at the new museum at Fishing Bridge on Yellowstone Lake in Yellowstone National Park was dedicated Monday night, June 20.

Just as the sun was reflecting its last orange and gold tints on the clouds that hovered over the lake, a huge camp-fire was kindled in the pit in front of the amphi-theater. With Dr. Harry M. Kelly, senior ranger naturalist at Fishing Bridge, in charge, the program proceeded for more than two hours. A variety of entertainment included speeches of welcome by Superintendent Roger W. Toll and numerous other park officials, an illustrated address on natural wonders around Yellowstone Lake by Willis Smith, ranger naturalist at the Fishing Bridge station, community singing by the audience, and vocal and musical numbers by "savages" employed in the lake area.

One of the novel stunts was put on by the "Boys of Yesterday", a duo traveling over the U. S. on a tandem bicycle of 1890 vintage. The two entertained with a musical saw and a harmonica, and recited interesting experiences they have had.

With this dedication of the open-air theater, the Fishing Bridge Museum, the latest one to be built from the Laura Spelman Rockefeller Memorial gift is officially open to visitors. It is built in a beautiful setting and deals largely with bird life of the Yellowstone. Herb Maier, architect for the Foundation, designed the building and outdoor theater. Dr. Carl F. Russell, field naturalist for the Park Service, was largely responsible for the collection and arrangement of specimens on display there.

J.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
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1932--20

Yellowstone Park, Wyo., June 00 -- Having enjoyed the greatest amount of snowfall in fifteen years, Yellowstone National Park is giving thanks by reflecting the glory that comes from adequate moisture.

Gurgling, swollen streams chortle merrily as they speed their way fed by melted waters of the 122 inches of snow that fell in the park during the winter. Mountain peaks and sheltered leas along the sides of ridges glisten with their snow-caps. Hillsides and meadows are heavy with their mantle of green grass. Forests speak their gratitude with verdant boughs that delight the senses. Even the lowly sagebrush takes on a gala note of freshness.

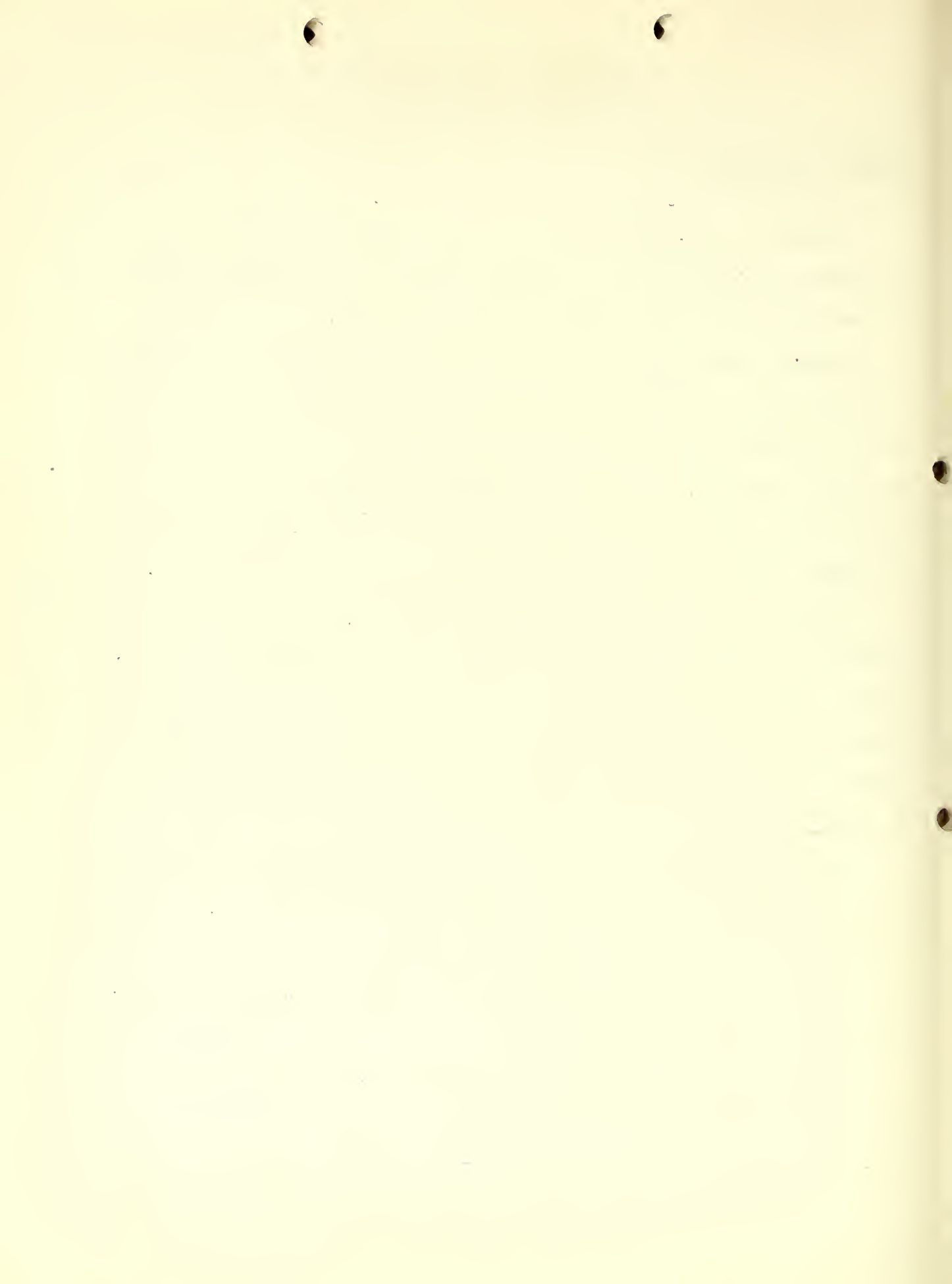
And well might the park vegetation burst forth with new pride and new strength, for during the winter of 1930-31, the total snowfall was only 70.4 inches. Normal snowfall during the season is 98 inches and during the past winter this figure was exceeded by 24 inches. Only four times since weather observation in the park began in 1889 has the past season's snowfall been exceeded.

Rainfall during June has added greatly to the freshness everywhere. By June 20 already 1.99 inches of rain had fallen, according to W. T. Lathrop, meteorologist in charge of the park weather bureau. With 11 days remaining in the month the rainfall was already over the normal of 1.92 inches. Precipitation was below normal up to June 1.

The last snowfall recorded in the park was on June 8 when a trace of snow mixed with rain brought slight moisture.

J.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
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1932--19

Yellowstone Park, Wyo., June 00 -- It may yet become necessary to post "No Fishing" signs in front of the geysers and hot pools in Yellowstone National Park. At least if a recent occurrence is duplicated very often something will have to be done about it.

Two visitors to the park were found serenely camped at the edge of Semi-Centennial Geyser with fish poles and tackle swung out into the pool. Fred T. Johnston, assistant chief ranger in charge of forestry, came upon them and he didn't know whether it was some one's idea of a practical joke or an earnest quest after game fish. At any rate, he declares that the two fishermen were determined and patient. Possibly they were in quest of smoked fish, was his only comment.

Semi-Centennial Geyser, so called because it asserted itself on the 50th anniversary of the park's creation in 1922, has not been active in ten years. It went into action the first time August 14, 1922, when it threw out large quantities of rock and mud that deluged the road beside the pool and caused considerable excitement. After a few days it quieted down to some extent, but in a few weeks became quite active again. At that time it spouted several times a day at irregular intervals with the height of its stream varying from 100 to 200 feet. Observers of the first eruption of Semi-Centennial declare that then it spouted to a height of 300 feet.

Within a short time, however, it ceased activity and has since been completely quiescent. Its temperature still hovers just below the boiling point at about 190 degrees Fahrenheit, as the ambitious fishermen might have discovered had they stuck a thumb into the waters before casting in a line.

J.H.M.

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Department of the Interior
National Park Service
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MEMORANDUM FOR THE PRESS
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1932--18

Yellowstone Park, Wyo., June 00 -- The conversation around the dinner table had turned to bears, as it invariably does when Yellowstone National Park is the subject under discussion.

At the table were two newcomers to the park, a University professor and his daughter. With them were seated a doctor, a lawyer and an official of a telephone company.

The telephone manager, well-versed in park lore, was telling of the discovery of a new-born bear cub, weighing only eight ounces. The professor and his daughter, having seen the huge lumbering bears in the park, exchanged significant glances when this almost infinitesimal weight was mentioned. The narrator went on to tell of the cub's subsequent rearing by feeding him milk with an eye-dropper.

More dubious glances were passed between father and daughter. The professor looked from one face to another, not knowing whether to laugh at what seemed like a fabrication or whether to accept it as a fact. His problem was solved when his daughter nudged him sharply and advised him,

"Now father, you know we were warned to be on the watch for these long park stories."

And no matter how much proof was offered, no matter how many eye-witnesses offered their corroboration to the story, and despite the offer of a wager, the professor still thinks it is just another Jim Bridger yarn. The naturalists in the National Park Service, who deal only with facts, vouch for the accuracy of the story.

J.H.M.

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Department of the Interior
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Yellowstone National Park

MEMORANDUM FOR THE PRESS
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1932--17

Yellowstone Park, Wyo., June 00 -- An innovation for visitors to Mammoth Hot Springs in Yellowstone National Park this year is the sun-rise hike over the terraces and hot spring formations.

This hike, beginning at 5:30 a.m. takes the party over all the beautifully colored terraces at a time of day when they appear to the greatest advantage. The hike covers a distance of only a few miles, but in that distance is concentrated all the beauty and mystery resulting from centuries of thermal activity in this region.

With a competent ranger naturalist as guide, the visitors assemble at Liberty Cap, a giant cone of travertine which is no longer active. From this point they follow well-marked trails over the formations, with detailed explanation given them by the ranger at every point of interest. After a two-hour hike the party swings back to the hotel or lodge in time for a welcome breakfast.

Undertaken at the suggestion of Horace M. Albright, director of the National Park Service, this sunrise hike is advantageous because it enables visitors to see the terraces when the coloring is most vivid. More than that, the early morning hikers enjoy the cool freshness, avoid the dust that may irk them later in the day, and are not handicapped by any glare on their eyes.

Early visitors over the terraces this year are marveling at the new beauty and increased activity of Angel, Diana and Cleopatra Terraces. In the words of a recent visitor, these three formations are the "high spots on the terraces". Cleopatra is particularly beautiful because of its bubbling activity on an old part of its formation. Angel and Diana are spreading their activity over a wider area than heretofore.

J.H.M.

Department of the Interior
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Yellowstone National Park

MEMORANDUM FOR THE PRESS
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1932--15

Yellowstone Park, Wyo., June 00 -- The expected peep of a newly hatched swan sent Dr. Frank R. Oastler scurrying hundreds of miles into Yellowstone National Park this week end. Dr. Oastler, former surgeon in the New York police force and now an honorary member of that organization, has an intensive hobby, photography and the study of bird life.

He was in the Bear River marshes near Brigham, Utah, making a study of the 42 varieties of birds nesting there, when a letter from George Wright of the Wild Life Research Division brought him scampering to Tower Falls in Yellowstone Park. The information in the letter was simply that the five trumpeter swan eggs being carefully guarded by the mother swan in Trumpeter Lake were just about ready to hatch.

Now Dr. Oastler has been observing birds and animals for years. He has had this as his principal hobby and as part of his work on the advisory committee of the national parks. But trumpeter swans are so rare that any news about them excites him greatly. And as for trumpeter swan eggs ready to hatch--that was enough to make him drop everything and travel. He has never seen a trumpeter swan nest or eggs, and the possible chance of being "in" on the birth of several of these rare birds had immediate results.

Together with Mr. Wright, he will spend the next few days in careful observation of the nest. He is adequately supplied with camcras and film to catch the transformation from egg to bird.

Especially interested in visual education and the photographic phase of the Park Service, Dr. Oastler has spent years in the park. Since his retirement from active service with the New York police service, he has spent nearly all his time in the native haunts of birds and wild animals.

Department of the Interior
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MEMORANDUM FOR THE PRESS
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1932--16

Yellowstone Park, Wyo., June 00 -- Travelers, disheartened and uncomfortable as the mercury starts its steady upward climb, can take heart as they approach Yellowstone National Park. Here all during June and part of July they will find sparkling coolness along snow-lined roads, while sailing smoothly over wide, dry highways.

With the last stretch of the loop road, that between Old Faithful and West Thumb, cleared on June 18 of all snow by the park's new plow, visitors are now able to cover the entire figure-eight loop unhindered by drifts or impassable roads. And yet they can roll down sleeves and don coats as they pass through the snow-laden areas, for the air in these spots is still tinged with the snap of Old Man Winter. In Dunraven Pass, Sylvan Pass and along the south entrance, drifts are expected to remain until well into July.

Highway operations in the park last year and this spring have added new pleasure to the motorist, for some one-way roads of former years are now opened to two-way traffic. Whereas last year the road from Canyon Junction to Tower Falls was a one-way highway from Mount Washburn Junction, this year it is open to two-way travel. The same holds true of the Tower Falls-Mammoth road. Only the scenic road over Mount Washburn, still snow-choked but expected to be open by July 1, and the 19 mile jog between Old Faithful and Thumb remain as one way arteries.

Roads leading in from all four entrances to the park are clear and in good condition. Snow plows rented from Idaho and Wyoming cleared the south entrance road, where snow lay to the depth of 152 inches in some areas.

J.H.M.

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Department of the Interior
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MEMORANDUM FOR THE PRESS
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1932--14

Yellowstone Park, Wyo., June 30 -- Honoring the memory of Stephen Tyng Mather, who for many years prior to his death was director of the National Park Service, a bronze plaque will be dedicated at the Madison Junction Museum in Yellowstone National Park on July 4.

Governors of the states in the vicinity of the Park have been invited to attend the ceremonies, according to Roger W. Toll, superintendent of the park, who will be in charge of the dedication. Simultaneously with the event in Yellowstone, similar dedicatory services will be conducted at 15 scattered parks and monuments throughout the United States.

Sponsored by the Stephen T. Mather Appreciation, an organization formed before the death of the late director in the hopes of paying him a just tribute before his death, the placing of these plaques is a move to provide a lasting testimonial to the splendid work Mr. Mather accomplished in planning and executing many great national park projects.

Just exactly 65 years after his birth on July 4, 1867, the memorial service will be held in front of the museum at Madison Junction. This spot was chosen because it is here that the history of Yellowstone is brought to the attention of visitors.

"The historical museum at Madison Junction is built at the campsite used by the Washburn-Langford-Doane party when they originated the national park idea," Mr. Toll points out. "It is a fitting place to honor here the memory of the man who did so much for Yellowstone and for all national parks."

Park rangers in full uniform will attend the ceremony, and the presentation address will likely be made by Hon. Burton L. French, U. S. Congressman from Idaho, who is a member of the national committee of the Stephen T. Mather

Appreciation. Other members of the national committee who are assisting in the ceremonies are Struthers Burt, prominent author of Jackson, Wyo., D. W. Greenburg of Casper, Wyo., Samuel T. Woodring, superintendent of Grand Teton National Park, and Superintendent Toll.

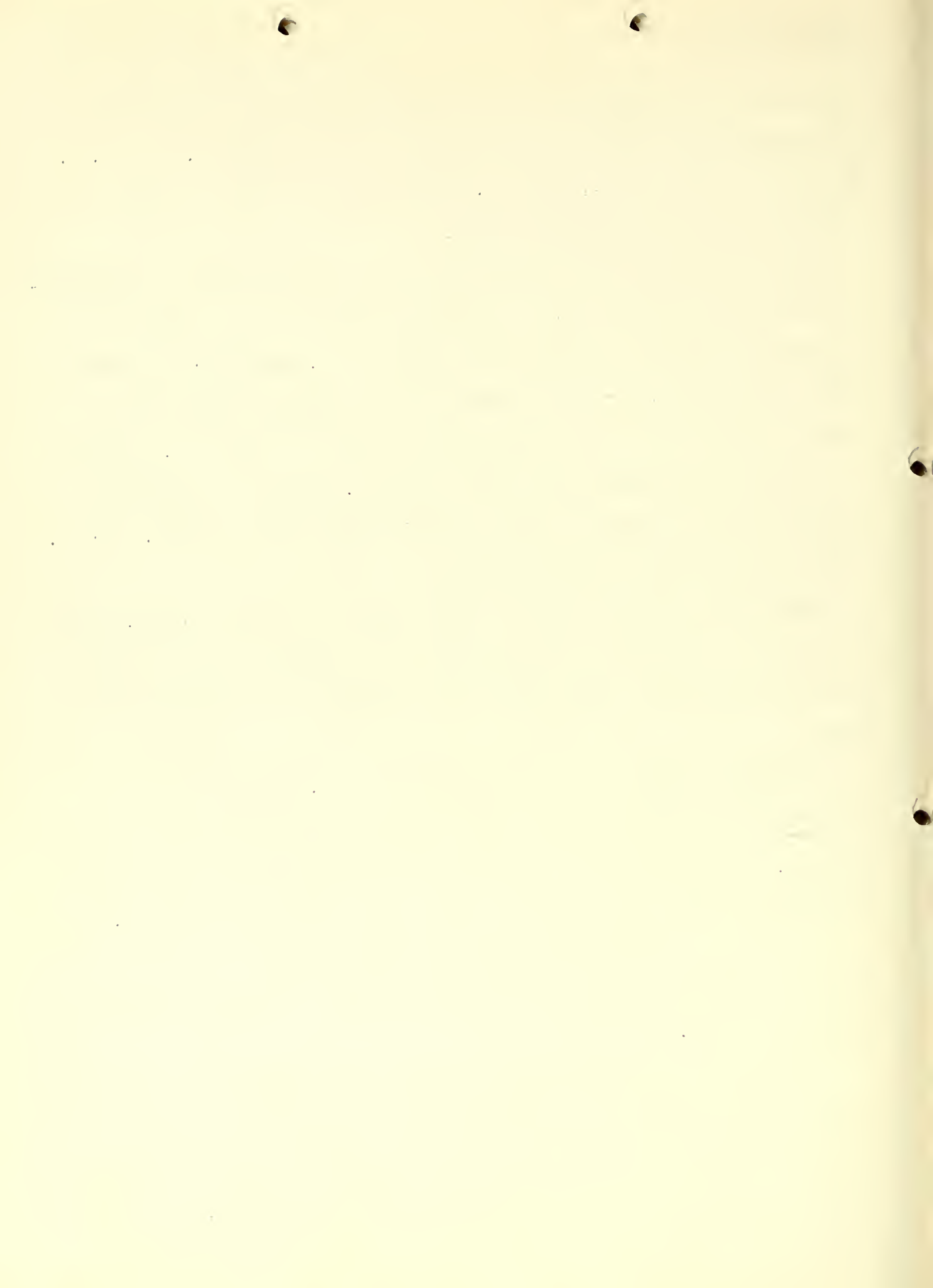
National officers of the organization are John Hays Hammond, internationally known mining engineer, who is chairman; George W. White, president of the Metropolitan National Bank of Washington, D. C., treasurer; and Franklin Adams of Washington, secretary. Members of the executive committee are Louis C. Cramton, former congressman from Michigan; Dr. Gilbert H. Grosvenor of the National Geographic Society; Dr. Vernon L. Kellogg of the National Research council; Theodore W. Noyes of the Washington Star; and Mrs. Henry A. Strong of the Hattie M. Strong Foundation.

Executed in bold relief on the bronze plaque is a likeness of Mr. Mather looking out on the vast tree-laden acres which he loved and worked so hard to save for posterity. Below this is the testimonial to his memory, which reads:

"Stephen Tyng Mather. July 4, 1867--January 22, 1930. He laid the foundation of the National Park Service, defining and establishing the policies under which its areas shall be developed and conserved unimpaired for future generations. There will never come an end to the good that he has done."

Set into a large boulder, this plaque will be placed in the terrace in front of the Madison Junction museum, where it will be seen by thousands of visitors each year.

Invitations to attend the dedication have already been sent to Governors George H. Dern of Utah, J. E. Erickson of Montana, A. M. Clark of Wyoming, and C. Ben Ross of Idaho. Many officials of state and national governments as well as officers in the park service will be asked to attend.



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National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS

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1932--13

Yellowstone Park, Wyo., June 00 -- Recognizing the rapid depletion of grayling in fishing waters of the Eastern United States, officials in the National Park Service and the Bureau of Fisheries are entering upon a new venture in Yellowstone National Park. For the first time they are taking grayling eggs in the park to hatch for planting in streams and lakes within the park.

Only one other hatchery and rearing station in the U. S., that located at Georgetown Lake, Mont., is now pushing the work of hatching, rearing and distributing grayling eggs and fish. In the park, the eggs are taken from fish in Grebe Lake. This spring the run of egg-laden fish into the traps has been so strong that the traps have had to be closed, according to Guy E. McCarty, park ranger who is assigned to fish culture work. After hatching the grayling eggs, the fish will be planted in the Gibbon River drainage of the park.

A stock of 296,000 trout of various types and sizes has just been received at the Mammoth rearing ponds. They vary from one and one-half to three inches, and include 100,000 Rainbow trout, 50,000 Loch Leven, 96,000 three-inch eastern brook trout, and 50,000 smaller eastern brook trout. These will be kept in the Mammoth rearing ponds until the eggs of the Native trout now being taken at Yellowstone Lake are hatched out.

During the season these thousands of fish, together with the grayling and millions of Natives will be distributed throughout park waters, to provide more and better fishing for followers of Izaak Walton.

J.H.M.

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1932--12

Yellowstone Park, Wyo., June 00 -- With twenty oil landscape sketches of scenes in Yellowstone National Park tucked safely away with his luggage, Gustav Krollmann, artist and teacher, left the park Friday after having combatted spring rains, storms and snow-bound mountain passes for three weeks.

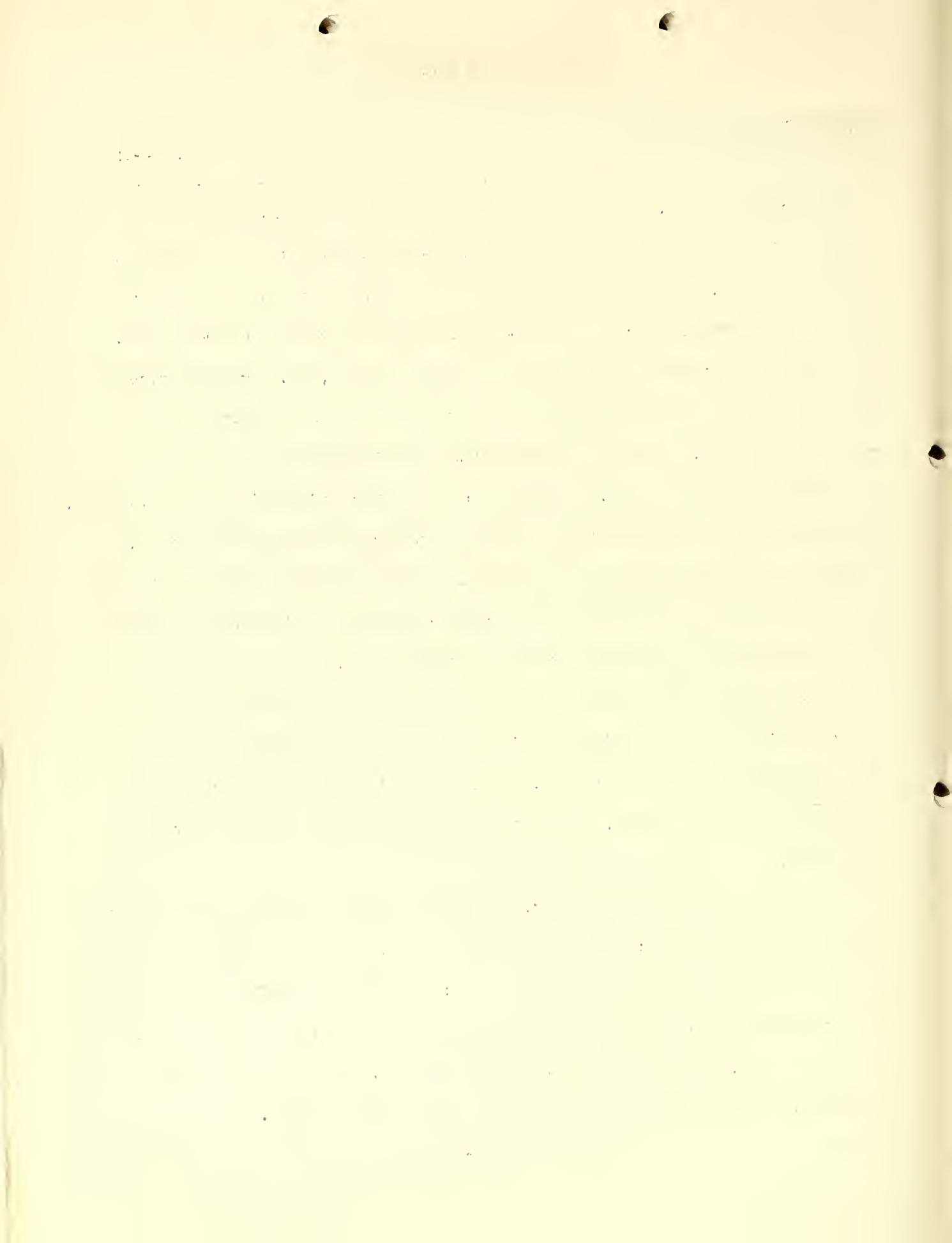
Coming to the park weeks before the season opened, Mr. Krollmann worked from early morning to late evening in an attempt to show Yellowstone in its early spring moods. He caught mountains with their peaks glistening under their white blanket of snow. He snatched the picture of boiling yellow streams, alive and swelling steadily with the rush of water from newly melted snow. He encountered spring storms that swept over the park during late May and early June and set his impressions on canvas--pictures that show the beauty of the mountains and streams in calm and stormy moods.

These sketches will form the basis for completed oil paintings which Mr. Krollmann will show at a private exhibition at the Minneapolis Institute of Art and Minneapolis School of Art. He is an instructor in the school and a lecturer at the institute. Later they will go into the Northern Pacific collection.

Among the scenes painted by Mr. Krollman are three studies of the Lower Falls of the Yellowstone; two of Yellowstone lake, one in the morning and one in the evening showing an approaching storm; two of Old Faithful; seven along the beautiful Cody drive and Sylvan Pass; and one each of the Upper Falls, the Golden Gate, Mammoth terraces, Kepler Cascades, Mount Coxcomb, Mount Ptarmigan, and one showing an approaching storm above Mammoth.

J.H.M.

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Department of the Interior
National Park Service
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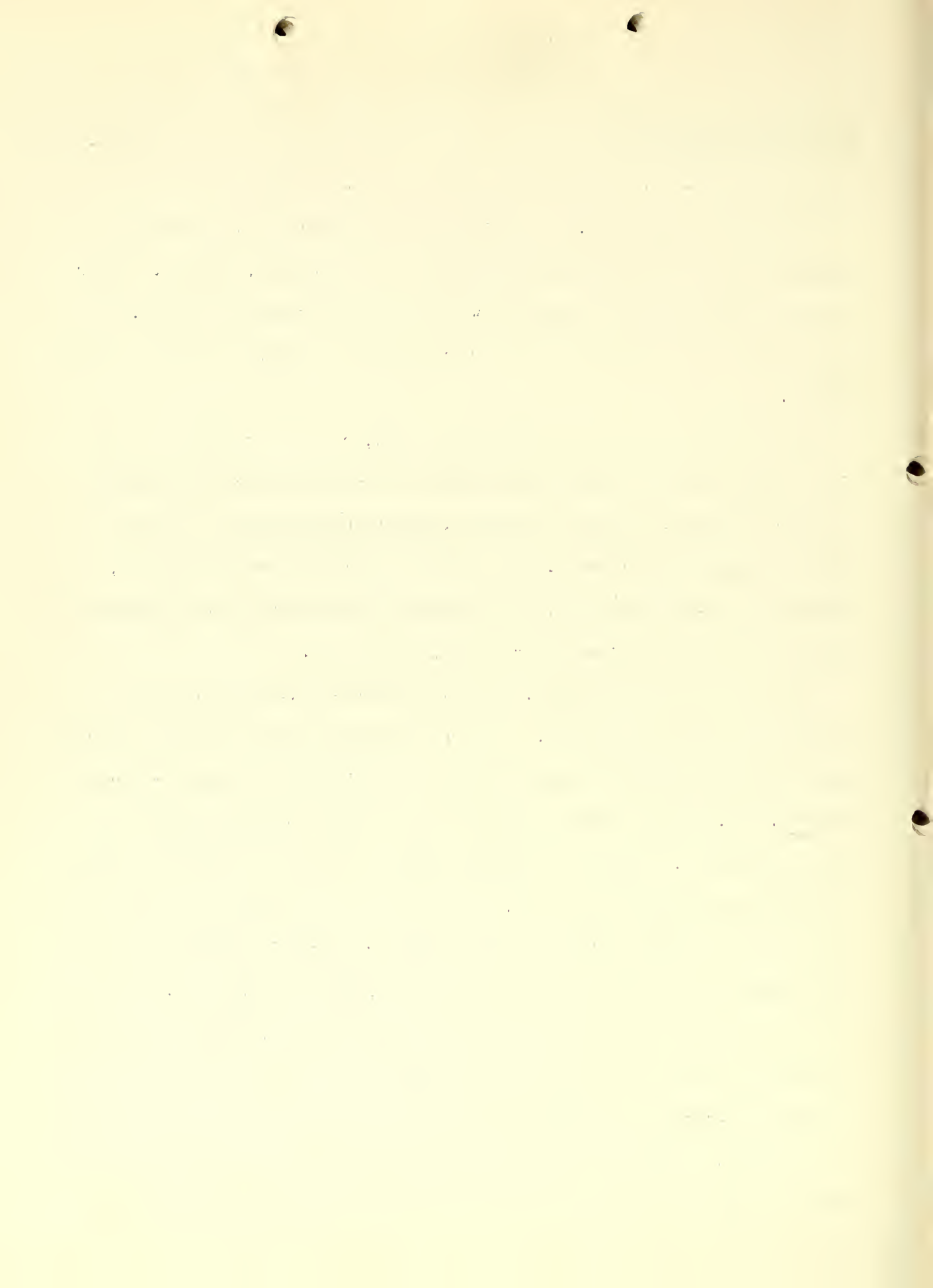
1932--11

Yellowstone Park, Wyo., June 06 -- Like a character out of medieval Germany strides the true hiker--one Fritz Kubisch of Kiel, Germany. Fritz has been hiking for eight years and will continue for two more years. The only hitch to his hiking is that he cannot accept a ride, even if he should want to.

Fritz is now in Yellowstone National Park, coming here from Seattle, after having covered in three year's time the east coast from New York to the tip of Florida, then all along the southern boundary of the United States to Southern California, then along the Pacific coast to Seattle, and now on his way east again, he is stopping off here for several weeks before continuing his two-year trek back to New York.

His is not a wild escapade, not a vain-glorious adventure, not a publicity or advertising stunt. It is a definitely mapped educational program, a school of training which will lead him directly to a master's certificate. Mr. Kubisch points out that he is a member of the Black Brick Mason corporation, a guild of artisans which is trying to revive interest in the time-honored trade of masonry. He is one of 12 young men selected after rigorous tests to travel for ten years learning improved brick and masonry methods employed in foreign countries, and comparing them with methods used in his native land. Upon his return to Germany in April, 1934, he will give illustrated lectures all over his country, with apprentices and students in the building trades as his audience.

A striking picture he presents as he swings into his long stride that has taken him over thousands of miles. His garb is typical and emblematic of his trade--a large double-breasted black velvet jacket; white, bell-



bottom trousers; a high silk topper; black velvet and silk hand made tie; a circlet ear-ring with his trade insignia; and in his hand a mammoth twisted red thorn walking stick which he must always carry.

Fritz covers between 30 and 35 miles a day on the road, but he stops frequently for a week or two to hire out on construction work. He pays his own way through his labors, is not permitted to accept gratuities, cannot accept an offer of a ride, and must keep a diary covering every incident and experience during his long travels. On his back, he carries a knapsack in which he transports his personal requirements as well as the essential tools he needs in his masonry handiwork.

Only 25 years old, this modern guildsman has spent seven years walking from one city to another, from one state to another, covering tens of thousands of miles. He began at 17, with a three year trip through Germany, walking and working his way, building and observing the methods of brick construction in his native land. Then he crossed into Holland where he spent two years. Three years ago he was sent to America. He had hoped to be sent to Spain, because he had been studying the Spanish language, but the Guild thought otherwise and sent him to America because he was thoroughly unfamiliar with the American ways and the English language. He found himself in New York with little money, a German-English dictionary, a large amount of grit and determination, but little else.

In the three years he has been here, Kubisch has acclimated himself well to American ways, has acquired an immense English vocabulary, and has become so interested in American life that he is determined to return when he receives his papers as a master mason.

Upon his return to Germany, he will present his diary and notes to his professor and will collaborate on a book telling his experiences. Then at the conclusion of a lecture tour of Germany he will receive his certificate of mastery, and be eligible to enter the building trade as a full-fledged artisan.

J.W.H. - 0 0 0 -

Department of the Interior
National Park Service
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MEMORANDUM FOR THE PRESS
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1932--10

Yellowstone Park, Wyo., June 00 -- Two days after having a doctor of philosophy degree conferred upon him by the University of Colorado, Dr. Clyde Max Bauer arrived in Yellowstone National Park to assume his duties as the newly appointed park naturalist.

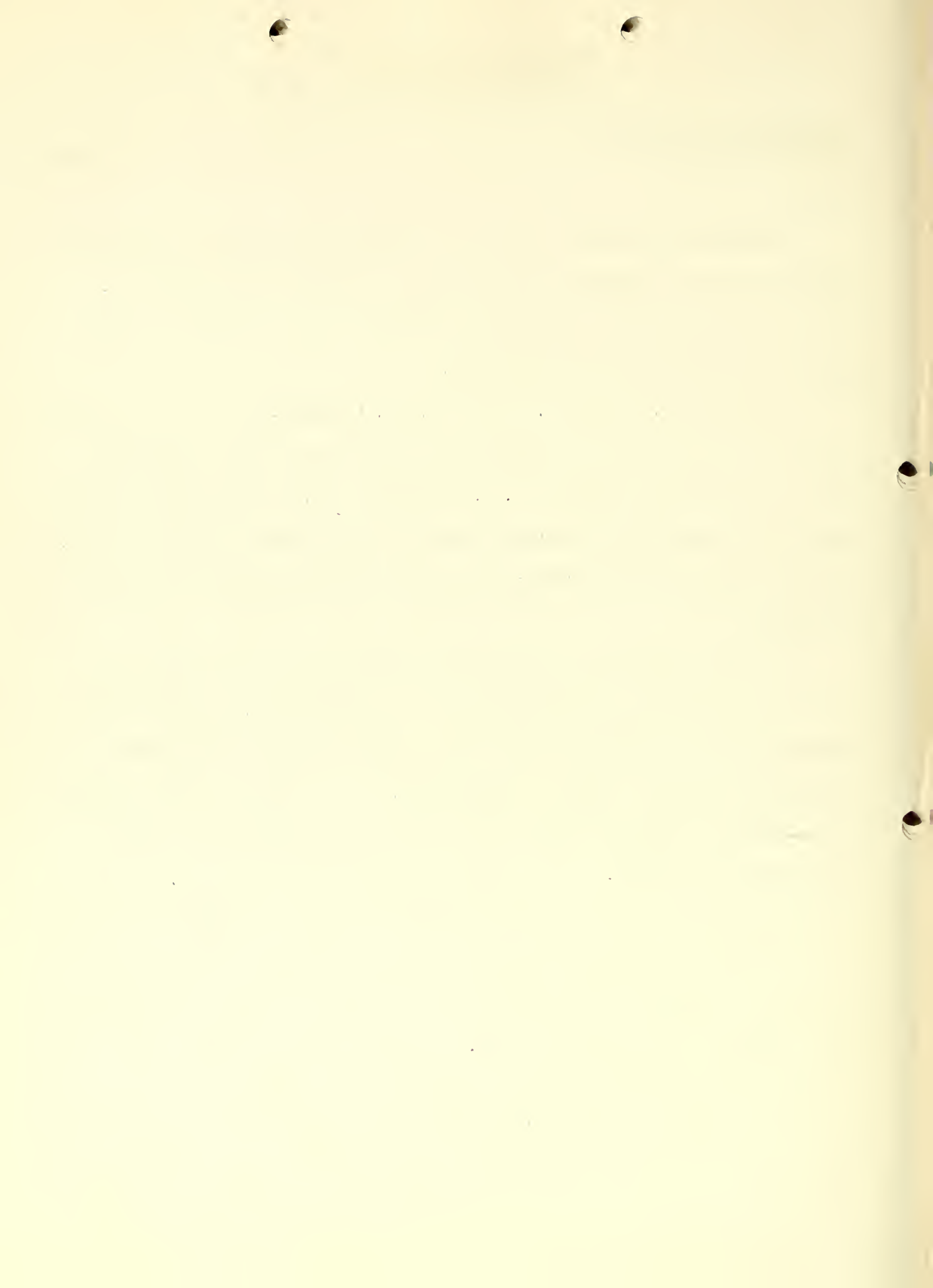
Succeeding Dr. Alfred H. Povah, Dr. Bauer comes to head the educational service in the park after a professional life that has taken him through five years of service with the U. S. Geological survey, ten years as chief geologist in commercial exploration work for the Mid-West Refining Company, and three years as an instructor in geology at the University of Colorado at Boulder.

Dr. Bauer will direct the activities of 22 ranger naturalists, one junior park naturalist, and one assistant park naturalist, a staff which supervises the five museums in the park, operates information bureaus in connection therewith, conducts hiking trips, auto caravans, gives lectures at all strategic points throughout the park as well as acts as general guides for all visitors. This service is like a gigantic school. During the past season it contacted 392,409 visitors through its various activities.

With his major interest during the past 18 years in stratigraphic and historical geology, Dr. Bauer comes to an area that is rich in opportunities for geological study and observation. He wrote as his doctor's thesis a treatise on the geology of the southeastern part of Wind Basin, Wyo. He is the author of six government publications and numerous articles in scientific journals.

J.H.M.

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MEMORANDUM FOR THE PRESS
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1932--9

Yellowstone Park, Wyo., June 00 -- With many whoops and shrieks of greeting, an army of savages descended upon Yellowstone National Park Wednesday. More than a thousand college men and women comprised that army, which swarms into the park every June 15 to help entertain and care for the thousands of visitors who make this their vacation spot.

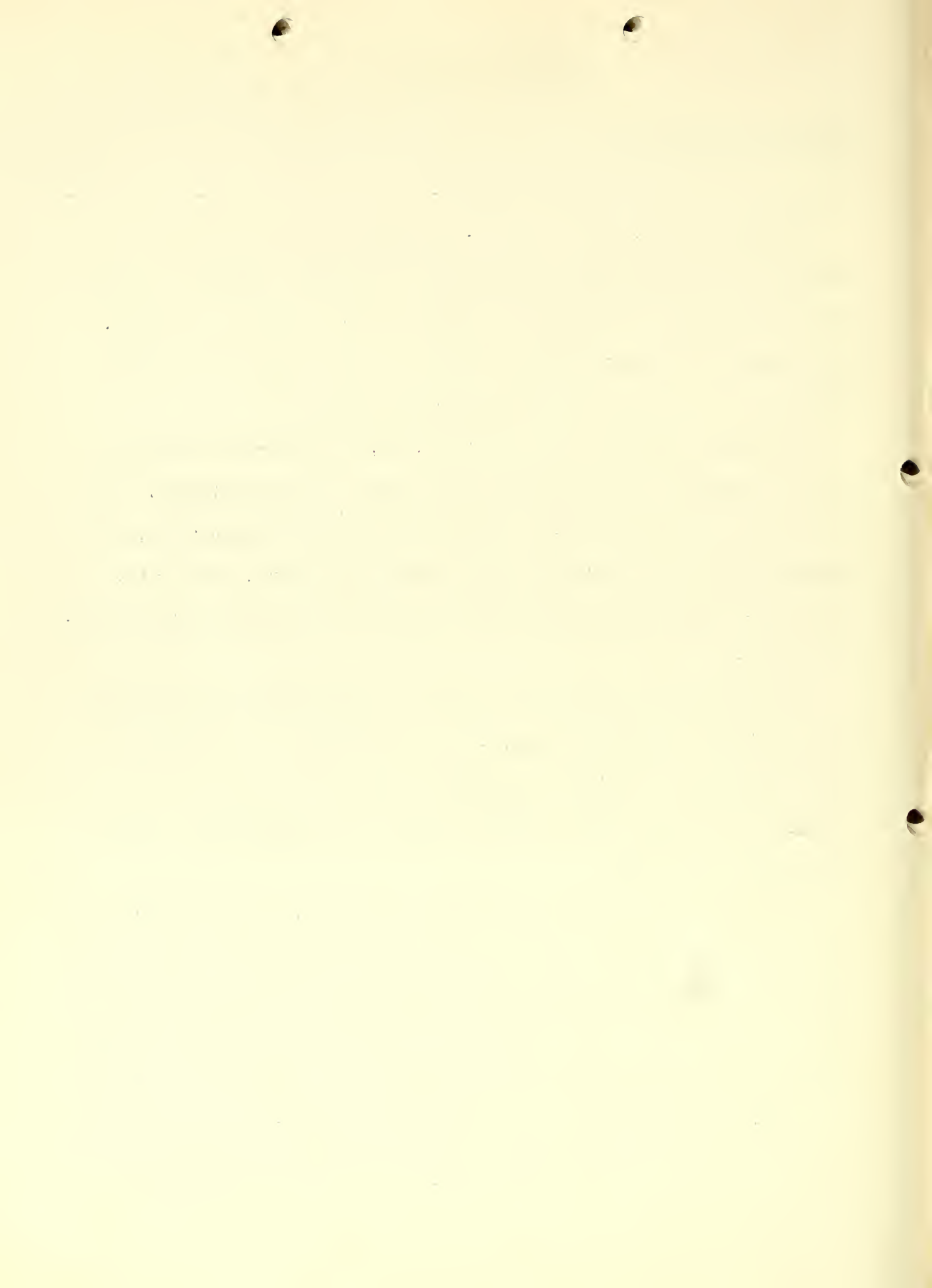
Swarming in from all corners of the U. S., they unloaded themselves from the two savage specials that brought them to the park gateways, and promptly they were loaded again, this time into the big yellow buses, and distributed to the many hotels, lodges, housekeeping camps, cafeterias, curio shops, stores and ranger stations located at strategic points throughout the park.

Supplementing the horde that came on the special trains to Gardiner, Mont., and West Yellowstone, Mont., were hundreds who came in their own special variety of collegiate transports. Within an hour after their arrival they had been dispatched to the four hotels, the six lodges and the many other points in the park.

A speedy transformation is now taking place in the park as this band of savages swings into action to get all park accommodations ready for the vanguard of the tourist army. Within two days after their arrival, the huge hotels and lodges that have been closed and unoccupied for nine months, will swing wide their doors and place the welcome sign out for the early arrivals in the park. Everything will be ship-shape and none of the visitors will know that just two days ago there was no sign of life in his hostelry.

J.H.M.

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Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--
Fillers--4
Release ON RECEIPT

Yellowstone Park, Wyo., June -- Miss Goldie Shaw, Enumclaw, Wash., accompanied by his sister, Lila, was the first contest winner to enter Yellowstone National Park this year. Miss Shaw, winner in a theater-railway-Yellowstone park contest, arrived at Gardiner, Mont., June 28 for the regular four-and-one-half day tour.

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Yellowstone Park, Wyo., June 00 -- Sight of a red fox, unusual to Yellowstone National Park visitors, was enjoyed by a small group including two park rangers at the Yellowstone canyon recently. The wily redcoat was scampering along the rim of the canyon and along ledges leading into it. Last year only three glimpses of red fox were reported in the park.

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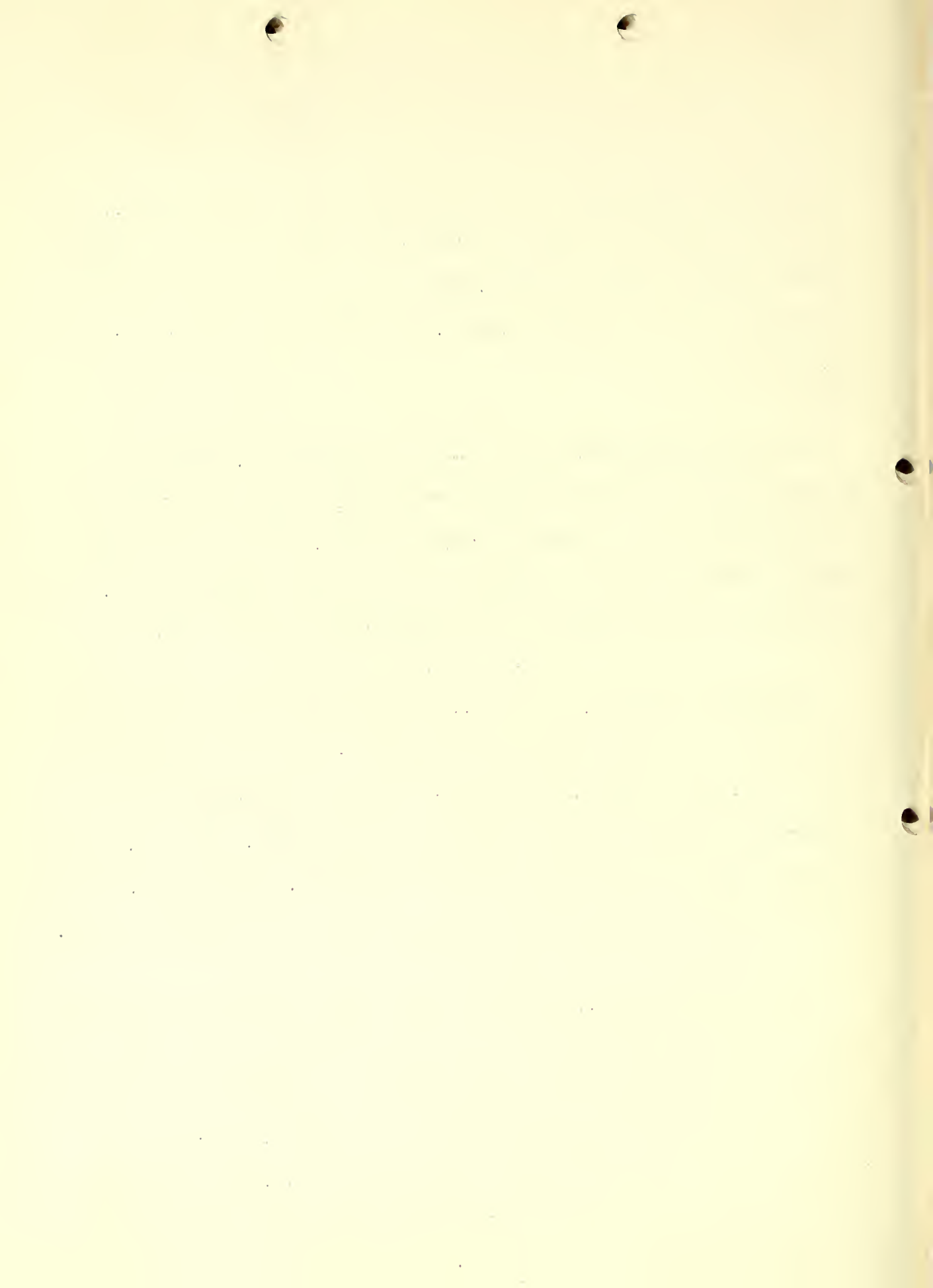
Yellowstone Park, Wyo., June 00 -- Returning from Chicago where he placed the name of Herbert Hoover before the Republican convention for renomination as president. John L. McNab, San Francisco attorney, accompanied by his family, spent four days visiting Yellowstone National Park. With him, besides Mrs. McNab, were his two daughters Eleanor and Mildred, and Mrs. L. B. Grover, Palo Alto. Enroute home, they will stop at his ranch on the Redwood highway.

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Yellowstone Park, Wyo., June 00 -- Park visitors are still enthusiastic over the concert put on for the first time last Sunday night by Don Cave's orchestra at the Canyon Hotel. A wide variety of numbers offered each member of the orchestra ample opportunity to display his talents. Special semi-classical concerts are staged every Sunday night at 8 p.m. The orchestra plays daily afternoon concerts of popular music and entertains for dancers in the huge lounge of the hotel each night.

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J.H.M.



Department of the Interior
National Park Service
Yellowstone National Park

PRESS MEMO. -- 1932--
Fillers--2
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Yellowstone Park, Wyo., June 00 -- Campfire meetings with all the spontaneous entertainment they provide have become an institution at three of the auto camps in Yellowstone National Park. Here the "sage-brushers", as the camping visitors are known, provide their own entertainment, and under the leadership of a ranger naturalist and with the occasional assistance of "savages", or park employees, the visitors put on their own show. Those who pitch their tents or rent housekeeping cabins at Fishing Bridge, Mammoth or Tower Falls, dig out ukeleles, tune up parched throats and proceed to do their own entertaining. And their show compares well with that provided by the regular entertainers at the lodges.

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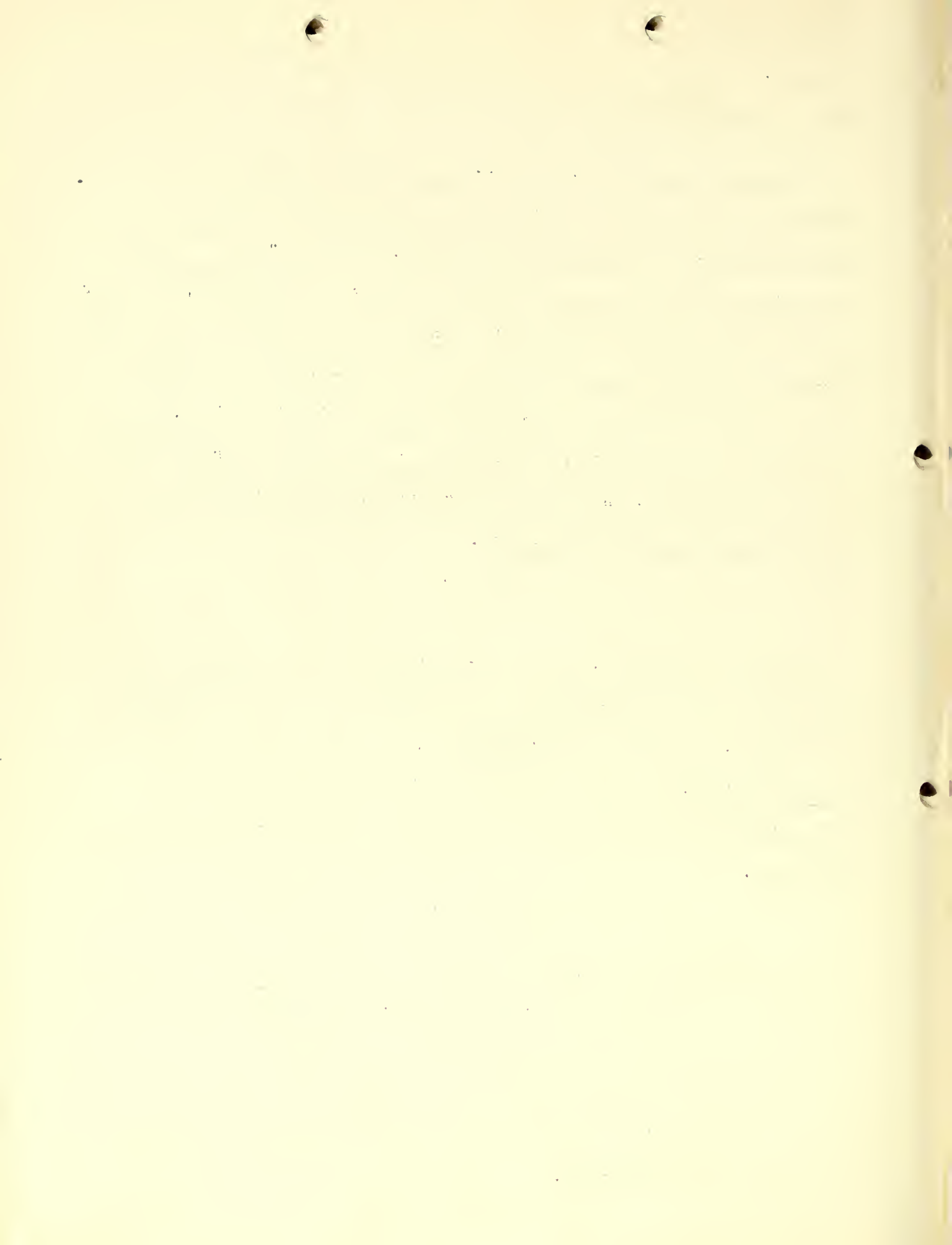
Yellowstone Park, Wyo., June 00 -- Beaver may be observed almost any evening about two and one-half miles from Mammoth Hot Springs in Yellowstone National Park. Numerous dams constructed by the beaver are readily seen from the highways, but to catch a glimpse of this elusive animal at work it is necessary to get away from the main highways and then exercise patience in watching.

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Yellowstone Park, Wyo., June 00 -- Moose, usually not readily seen from the highway by the summer visitor in Yellowstone National Park, are this year fairly abundant in areas just off the road and within easy sight. A glimpse of this huge lumbering animal is a thrill to almost every visitor, for moose cannot be found in zoos. Here some 700 of them roam wild and free in their natural surroundings.

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J.H.M.



Department of the Interior
National Park Service
Yellowstone National Park

MEMORANDUM FOR THE PRESS
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1932--Fillers--1

Yellowstone Park, Wyo., June 00 -- Rotarians of the ninth district comprised the first major party entering Yellowstone National Park this season. Enroute to their national convention at Seattle, 65 members of the ninth district, coming from Minnesota, North Dakota and Douglas County, Wis., took a special train from Livingston and journeyed through the park. Dr. G. P. L. Sheridan of Rochester, Minn., was in charge.

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Yellowstone Park, Wyo., June 00 -- Despite the fact that spring weather has been very unfavorable and entrances to Yellowstone National Park were opened later than usual this year, a total of 10,593 persons had made their way into the park from the time it officially closed last fall until June 1, according to Roger W. Toll, park superintendent. These visitors came in 5,283 cars. The north and west entrances were opened May 28, whereas last year they were both opened on May 12.

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Yellowstone Park, Wyo., June 00 -- The Canyon hotel in Yellowstone Park boasts an orchestra which has the distinction of being the only six-piece group ever to have broadcast over the N.B.C. chain. It is Don Cave's Canyon Hotel orchestra, which plays nightly at the hotel. The group has just completed a season at the Broadmoor country club, Denver. On June 17 and 18 they played two concerts at the Grand hotel, Billings, broadcasting twice over station KGHL.

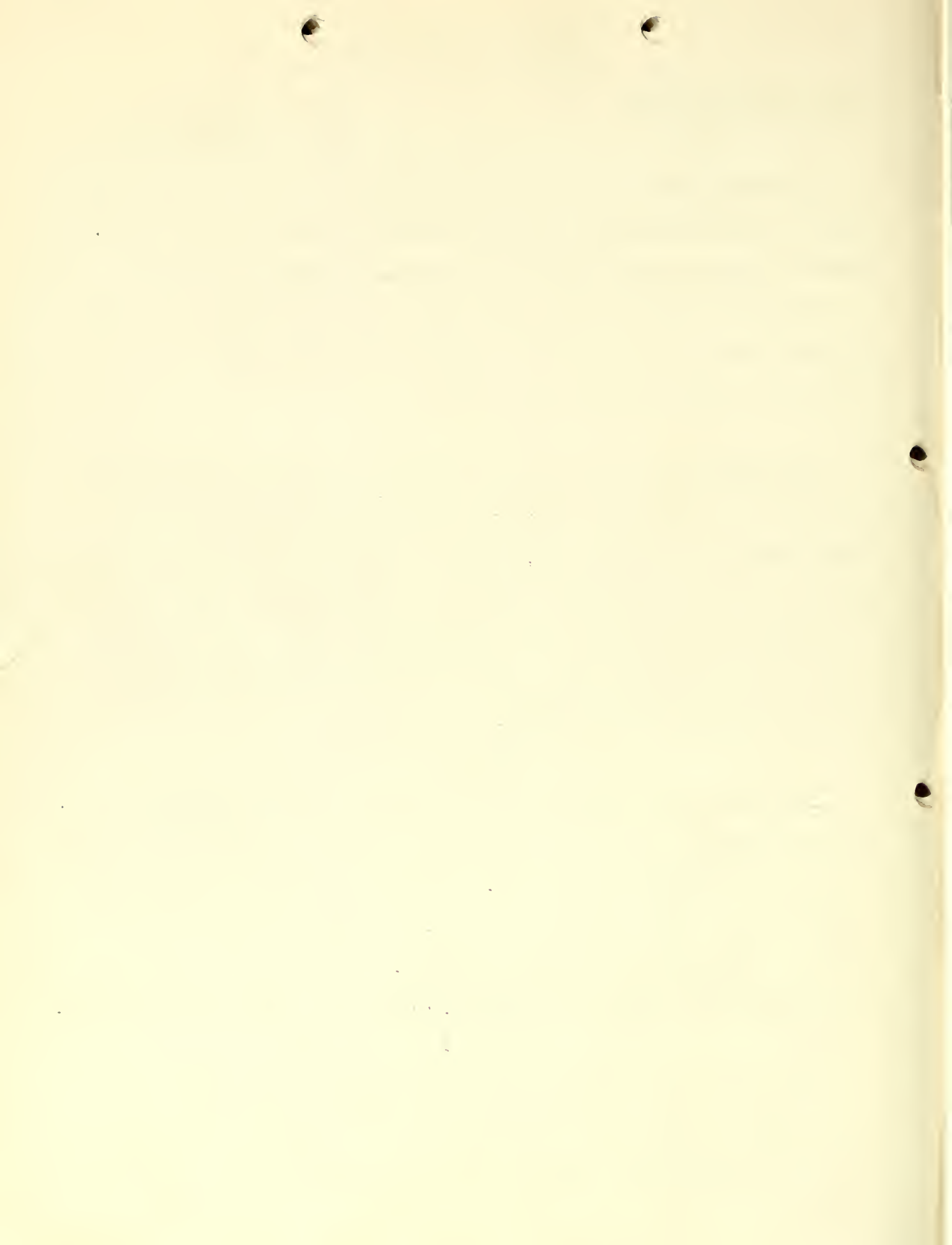
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Yellowstone Park, Wyo., June 00 -- Moose roaming in the Thorofare area of Yellowstone National Park have been observed to keep their heads under water for 50 seconds while feeding on submerged vegetation.

J.H.M.

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