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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON, D.C. 20240



IN REPLY REFER TO:

A2615-AM0

June 12, 1967

Informational

Memorandum

To: All Field Offices

Associate
From: /Director

Subject: Discontinuance of Superintendent's Monthly Narrative Report

The Superintendent's Monthly Narrative Report is one of the oldest reports still existing in the Service. It originated under the first Director and continues today as Report NPS(AM)-4. In the past, the Monthly Narrative Report was the one dependable means of documenting the general history of a park. There was a time when it was the report and as such, recorded the significant accomplishments, milestones, problems, and events that from month to month presented the story of the park.

The Service has expanded and grown in many ways since the first Superintendent's Monthly Narrative Report. Authority and responsibilities have been widely decentralized, and our programs have increased until we are now a complex organization. For a long time, the Washington Office has been concerned about the time spent in the laborious drafting of monthly reports by Rangers, Naturalists, and others in the park organizations as well as in the clerical effort involved. Many people now are involved in preparing material for the NPS(AM)-4. Such report writing takes many man-hours of time and energy.

Today, a majority of the items in the Monthly Narrative Report are covered in correspondence, in response to specific reporting requirements in Part II of the "Reports Management Handbook," or in other ways. As a result the Monthly Narrative Report, which is probably the most expensive report we have in the Service, has become highly redundant.

A recent study conducted by the Division of Management Analysis, at the request of the Director, recommended that the Superintendent's Monthly Narrative Report be discontinued. This recommendation has been approved by the Office of the Director and takes effect June 30, 1967. No Superintendent's Monthly Narrative Reports will be required after the June 1967

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4-46



report. The estimated saving in cost of preparation, based on standards developed by the National Archives and Records Service, approximates \$270,000 annually, and does not include the costs of the review process. In addition, the elimination of this report will help to ease the mounting paperwork burden in the field.

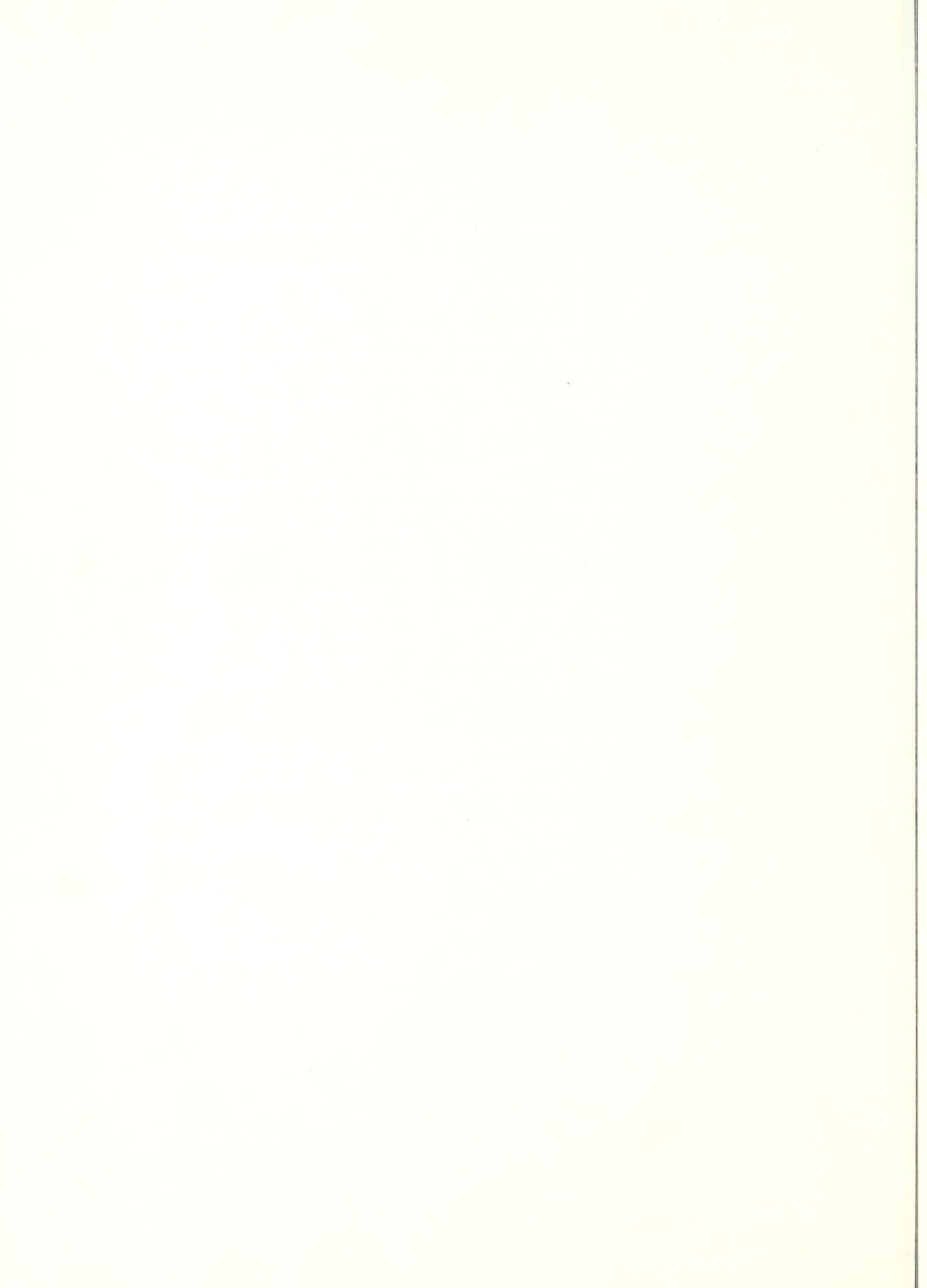
A requirement still exists for certain types of information to be recorded for historical purposes at the park level. Therefore, effective July 1, 1967, a LOG OF SIGNIFICANT EVENTS AND IMPORTANT CONTACTS will be established in each park area. This log should be simple, concise, and up to date. It should include brief notes in chronological order on: (1) important visitors; (2) special events, such as dedications, commemorations, anniversaries, and significant public contacts; (3) important events such as major catastrophes, floods, or fires, volcanic or earthquake activity causing permanent damage to historic or natural sites; (4) inspections, appraisals, or investigations; and any other information that, in the Superintendent's opinion, would constitute valuable historical source material. This "log" should be maintained as a part of the permanent records of the park.

The monthly reports now required from each Regional Director will become the main document through which significant events and happenings can be reported to this Office. Here again, however, please avoid duplication of reporting for we do not wish to build the Regional report into more than just a brief but meaningful document.

The reports now required from Superintendents of new areas (Report NPS (SLR)-1) will be continued until such time as this Office determines, in each instance, that they should be discontinued.

This memorandum may be destroyed upon receipt of an amendment deleting Report NPS (AM)-4 from Part II of the "Reports Management Handbook," or for record purposes on August 1, 1967.

Edward W. Parker



1967

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT

1962

10/15/62 (10/15/62) - 10/15/62 (10/15/62)



SUPERINTENDENT'S MONTHLY NARRATIVE REPORT was discontinued with the June 1967 Report.

A Log of significant events and important contacts will be forwarded to the Midwest Regional Office weekly, to be received in the office on Thursday morning



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone National Park, Wyoming 83020

IN REPLY REFER TO:

A2619

August 17, 1967

Summary of June 1967 Monthly Narrative Report

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<u>WEATHER CONDITIONS</u>	
June was wet. Park experienced a freak snowstorm and a drop in temperatures on June 23.	1
<u>TRAVEL</u>	
Visitors: 387,698, automobiles: 107,694 2.9% increase.	1
<u>VISITORS</u>	
Governors from 12 Western States.	2
Thomas M. Canter, Jr.	2
<u>FOREIGN VISITORS</u>	
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Mr. Christianus J. Buijtendijk	2
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Mr. Hameed Ahmad	2
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Mr. H. Corver	3
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Chief Park Ranger Good attended the Montana Wildlife Federation Convention in Great Falls.	3
Biologist Barmore presented an illustrated talk to 28 wildlife students from Colorado State University.	3
Assistant Superintendent (OFR), Acting Assistant Superintendent (SS), Chief of Park Maintenance, Chief Park Ranger, various concessioner personnel guest of the Cody Club in Cody.	3

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE



IN REPLY REFER TO

FILE NO.

DATE

OFFICE OF THE SUPERVISOR

FOR THE YEAR 1954

STATE OF CALIFORNIA

IN THE COUNTY OF SAN DIEGO

FILE NO.

IN THE MATTER OF

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Biologist Barmore, Field Biologist Cole, and Chief Park Ranger Estey, attended the annual meeting of the Cooperative Management Plan for the Upper Gallatin elk herd. 3

Yellowstone Park staff attended meeting of signatories to the Cooperative Management Plan for the Northern Yellowstone elk herd. 3

West Yellowstone Interagency Fire Control Center operation meeting June 23. 4

Western Governors' Conference at the Old Faithful Inn. 4

Yellowstone rangers sent to Teton during Republican Governors' Conference. 4

Chief Park Naturalist Good attended the 21st Annual Convention of the Wyoming Wildlife Federation. 4

Biologist Barmore met with Dr. Murphy and eight graduate students. 4

Chief Park Naturalist presented talk to the Montana Wilderness Association. 4

Chief Park Naturalist spent time with Wallace R. Hansen, inspecting proposed construction sites. 4

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ADMINISTRATION

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PROMOTION

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REASSIGNMENT

Gary N. Brown 5

TRANSFER-IN

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Gary N. Brown and Frederick T. Anderson	7
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Grant Village Museum opened June 1.	8
Canyon Visitor Center extended hours as of June 11, and campfire programs began.	8

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<u>YELLOWSTONE LIBRARY AND MUSEUM ASSOC.</u>	
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Commission on... 1911...

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Yellowstone National Park, Wyoming 83020

IN REPLY REFER TO:
A2619

August 9, 1967

Memorandum

To: Director

From: Superintendent, Yellowstone

Subject: Superintendent's Monthly Narrative Report, June 1967

General

Weather Conditions

June was a wet month. On June 23, the Park experienced a freak snowstorm and a drop in temperatures. Below freezing temperatures were reported throughout the Park and in some locations six inches of snow was recorded. By the end of the month, snow was partially all melted up to the 8,500 foot elevation. Above this elevation, snow is still relatively common, particularly on north-facing slopes.

Increase or Decrease in Travel

Visitors entering Yellowstone National Park during June totaled 387,698. Automobiles entering the Park reached 107,694. This is a 2.9 per cent increase in travel as compared to June 1966.

Vehicles entering the North Entrance reached 10,894 this month in comparison to 10,636 June 1966. This is about a 2.5 per cent increase.

Due to the various road closures on the Beartooth Highway, travel through the Northeast Entrance was down.

Automobile travel recorded at the South Entrance has increased approximately seven per cent compared to June 1966. Vehicles entering the South Entrance in June totaled 32,158.

East Entrance travel has increased nine per cent compared to last year.

Travel through the West Entrance decreased in June.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE



PLEASE REFER TO:
AG-111

March 11, 1954

Memorandum

To: Director

From: Superintendent, Yellowstone

Subject: Investigation of possible timber harvest, near 1954

Yellowstone

General Conditions

Yellowstone National Park is a large area of public land in the western part of the United States. It is one of the largest and most spectacular of the national parks. The park is situated in the northwestern part of the State of Wyoming and extends over an area of approximately 3,300 square miles. The park is bounded on the north by the Canadian border, on the east by the State of Montana, on the south by the State of Idaho, and on the west by the State of Utah. The park is a part of the Rocky Mountain region and is one of the most beautiful and most interesting of the national parks. The park is a part of the National Park System and is managed by the National Park Service, Department of the Interior.

History of timber in park

Timber has been a part of the Yellowstone National Park since the first settlement in the park. The first settlement was made in 1830 by James W. Baker, who was a fur trader. He was the first to introduce the lumbering industry into the park. Since that time, the lumbering industry has been a part of the park's history. The lumbering industry has been a major source of revenue for the park and has played a significant role in the development of the park. The lumbering industry has also been a major source of employment for the people of the park. The lumbering industry has been a part of the park's history for over 100 years.

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Visitors

Governors from 12 Western States visited the Park while attending the Western Governors' Conference at West Yellowstone, June 25 through 28.

Thomas M. Carter, Jr., Chief of Federal Activities Coordination and Mr. Larry Sheridan representing the Missouri Basin Region, Kansas City, Missouri, Federal Activities Coordination, were here to evaluate water pollution control facilities in accordance with Executive Order 11288, Prevention, Control and Abatement of Water Pollution by Federal Activities.

Foreign Visitors

His Excellency Braj Kumar Nehru and Mrs. Nehru from India arrived at Old Faithful from Grand Teton on June 3. They spent their first night at Old Faithful and then traveled from there to Mammoth Hot Springs. The next couple of days were spent traveling around the Park. The Nehru's seemed to enjoy their stay considerably.

Mr. Christiaan J. Buijtendijk, home address, Gentsestraat 189, Scheveningen, The Netherlands. On June 8, he made a tour of the Park. He seemed to enjoy his stay very much and expressed his appreciation.

Mr. Muhammad Masud Rana, Divisional Forest Officer, Jauharabad, Government of West Pakistan, Department of Agriculture (Forestry), Lahore, Pakistan and Mr. Hameed Ahmad also from Pakistan, arrived in the Park on June 25 for a month's stay. They were in the United States under the AID program. They were interested in wildlife management, interpretation and other programs of the National Park Service, visitor facilities and services, and other aspects of park management and how it could be applied to their own country. During their month's stay they toured the Park and other outlying points of interest. They enjoyed their stay and all that was connected with it.

On June 25, Mr. and Mrs. Akira Kawana from Syracuse, New York arrived in the Park. He was very interested in trees so special attention was given to the trees of this area.

Miss Rose Kanataka from Japan arrived in the Park June 26, for a week's stay to photograph scenery, animal life, etc., for a motion picture which will be shown in Japan. She and her three crew members seemed very satisfied with what they saw and what they captured on film.

Professor Martin Haugberg and wife from Norway visited the Park June 25 through the 27th. The Professor was interested in the general operation of Yellowstone National Park but more specifically in the silviculture

Section 1

On the 1st day of January 1900, the following persons were present at the meeting of the Board of Directors of the [Company Name], to-wit: [List of names]

Section 2

The Board of Directors of the [Company Name] do hereby certify that the following is a true and correct copy of the [Document Name] as the same appears in the records of the [Company Name]:

In testimony whereof, the Board of Directors of the [Company Name] has caused this certificate to be signed by its President, [Name], and its Secretary, [Name], at the City of [City], State of [State], on the [Date] day of [Month], 1900.

Witness my hand and the seal of the [Company Name] at the City of [City], State of [State], on the [Date] day of [Month], 1900.

Attest: [Signature]

[Signature]

[Signature]

and wildlife the Park has to offer. For the benefit of their studies demonstrations and usage of fire equipment were made for them at the Mammoth Fire Cache. A trip was made around the large loop of the Park and another trip was made of the Beartooth country up to the 11,000 foot level. The Haugbergs were very pleased with their Yellowstone trip.

On June 27, Mr. H. Corver of The Netherlands, accompanied by Mr. Schreijver, arrived in the Park to study the recreational use of the Park area. They are presently involved in setting up a park system in their home country of Holland. They were very alert and interesting people.

Special Activities

Chief Park Ranger Harold J. Estey attended the Montana Wildlife Federation Convention in Great Falls, Montana, on June 2-4. The Convention's theme of "Open Spaces" was appropriately followed by hearing of and learning about various subjects dealing with our environment.

On June 4, Biologist William Barmore presented an illustrated talk on wildlife management problems in Yellowstone to 28 wildlife students from Colorado State University. Dr. Ronald Ryder, Professor of Wildlife Management, was in charge of the group. The one hour talk was followed by a stimulating two hour question and answer period. The group was taken on a half day tour of the Northern Yellowstone winter range on June 5, to examine habitat conditions and range study plots.

Robert R. Lovegren, Assistant Superintendent (OPR), John H. Clay, Acting Assistant Superintendent (SS), Fred Elliott, Chief of Park Maintenance, Chief Park Ranger, and various concessioner personnel were guests of the Cody Club in Cody, Wyoming, on June 5, for a luncheon. The purpose of the gathering was to establish harmonious relationships between the Park, businessmen, concessioner personnel, etc.

On June 8, Biologist Barmore, Field Research Biologist Cole, and Chief Park Ranger Estey attended the annual interagency meeting of signatories to the Cooperative Management Plan for the Upper Gallatin elk herd. Data were presented on forage utilization and elk use inside the Park last winter. A summary of the meeting prepared by Mr. John Ventrack, U. S. Forest Service, was received.

Members of the Yellowstone Park staff attended the annual interagency meeting of signatories to the Cooperative Management Plan for the Northern Yellowstone Elk Herd and its Habitat, held at Bozeman, Montana, on June 15. This was followed by a public meeting at Mammoth on June 16. At both meetings, Biologist Barmore discussed results of the March 1967 aerial wildlife census, and the proposed 1967-68 Management Program for the Northern Yellowstone Elk Herd.

and visited the city for an hour. The results of their studies
demonstrated that many of the buildings were not safe for
occupancy. A list was made of the buildings that were
not safe and the results were sent to the
city. The buildings were not allowed to be occupied.

On June 22, 1941, the city of New York, New York, advised
the city of New York, New York, that the results of the
study were such that the buildings were not safe for
occupancy. The city of New York, New York, advised
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occupancy.

General Information

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occupancy.

On June 23, a meeting was attended by the Park Forester, Lowell White, Chief Park Ranger, and the Smokejumper Squadleader, Lawrence E. Brown, to discuss various details of the West Yellowstone Interagency Fire Control Center operation. The meeting was held in West Yellowstone with personnel from the Gallatin National Forest and the U. S. Forest Service, Northern Region.

On June 23, the Chief Park Ranger, along with the West District Ranger, Williamson, West Yellowstone Sub-District Ranger, Fraser, and Old Faithful Sub-District Ranger, Hancock, attended a meeting in West Yellowstone at the Stage Coach Inn. The meeting was held with the Montana State Highway Patrol and the Montana National Guard to discuss the visit by the various governors, etc., attending the Western Governors' Conference at West Yellowstone, on June 25-28.

On June 26 and 28, Old Faithful personnel were placed on overtime due to a luncheon meeting of the Western Governors' Conference at the Old Faithful Inn. Several Rangers from other districts and the Blister Rust Control crews were also on duty at Old Faithful on the 28th when extra security measures were needed during the Governors' tour of Old Faithful. Special crowd, riot, and traffic control training was given to these men shortly before this assignment.

Six Rangers from Yellowstone were sent to Grand Teton National Park to assist with security measures during the Republican Governors' Conference held June 28 through July 1.

On June 28, Biologist Barnore discussed wildlife management and examined portions of the Northern Yellowstone winter range with Dr. Joseph Murphy and eight graduate students in zoology from Brigham Young University.

On June 2, Chief Park Naturalist Good, traveled to Rawlins, Wyoming where he presented a talk at the 21st Annual Convention of the Wyoming Wildlife Federation on June 3. He returned to the Park on June 4.

On June 10, Chief Park Naturalist Good presented a talk, "Visitor Uses in Yellowstone" to members and guests of the Montana Wilderness Association at an evening banquet in Billings, Montana. He also attended the breakfast meeting of the Association the following morning and returned to Mammoth late the afternoon of June 11.

John M. Good, Chief Park Naturalist, spent June 5 and 6 and the morning of the 7th in the field with Wallace R. Hansen, Geologist, Engineering Geology Branch, U.S. Geological Survey, Denver, Colorado inspecting proposed construction sites and the geological structure along the Mammoth-Gardiner road.

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Vital Statistics

Mr. Alusy Hoyle Stsley, 1503 Court Street, Maryville, Tennessee, died June 14, 1967, at the Old Faithful Inn. He was 66 years of age. Burial was in Grandview Cemetery, Blount County, Tennessee.

Bernard Walter Payne, 5441 South Haman Avenue, Chicago, Illinois, died of a self inflicted gunshot wound to the head on June 8, 1967, at Canyon Village. He was 23 years of age. Burial was in Chicago, Illinois.

Administration

There were 350 employees on the payroll for the period ending June 3, compared to 360 a year ago and 557 on the payroll for the period ending June 17, compared to 615 a year ago. There ¹⁷⁰⁵ on the payroll ending July 1, compared to 677 a year ago.

Promotion

William S. Keller received a promotion from Photographer General GS-7 to Photographer GS-9.

Reassignment

Gary N. Brown was reassigned from Lamar Sub-District Park Ranger GS-9-2 to Grant Village Sub-District Park Ranger, same grade.

Transfer-In

Frederick T. Anderson, Supervisory Park Ranger GS-9, from Yosemite, transferred in as Supervisory Park Ranger GS-11. Mr. Anderson is the new Law Enforcement Officer replacing Edward J. Widmer.

Lerry L. Hays, Park Ranger GS-7, Hatcher Trace Parkway, transferred to Yellowstone June 3, as Park Ranger GS-7. Mr. Hays is presently assigned to the North Entrance.

Charles A. Lamb, from the Horace Albright Training Center, was selected for a Park Ranger position and is now stationed at the South District Ranger Station. He entered on duty June 4,

Jack R. Parker, Ranger Naturalist GS-4-1, from California, entered the Ranger Division June 25, and is stationed at the West Entrance.

The first part of the report deals with the general situation in the country in 1927. It is a very interesting and comprehensive survey of the economic and social conditions of the country at that time. The report is divided into several chapters, each dealing with a different aspect of the country's life.

Introduction

The purpose of this report is to provide a general survey of the economic and social conditions of the country in 1927. It is intended to be a general survey of the country's life, and to provide a basis for further study and research.

Chapter I

The first chapter deals with the general situation in the country in 1927. It is a very interesting and comprehensive survey of the economic and social conditions of the country at that time.

Chapter II

The second chapter deals with the general situation in the country in 1927. It is a very interesting and comprehensive survey of the economic and social conditions of the country at that time.

Chapter III

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Transfer-Out

Lynn H. Thompson who was promoted from Park Ranger GS-7 to Concessions Analyst GS-9 transferred to Washington, D. C., June 17.

Roger C. Wegner, Ranger Naturalist, left June 24, to go to the Intake Training Session at Albright Center, Grand Canyon.

Selected

Vernon E. Hennessey has been selected for the position of Assistant Superintendent (Special Services), to be effective July 16. This is a reassignment for Mr. Hennessey who is presently serving as Superintendent at Ozark National Scenic Riverways, Van Buren, Missouri.

In Service Training

Assistant Chief Park Naturalist Center accompanied new seasonal rangers and naturalists on an orientation tour of the Park on June 7 and 8. June 6, was spent in Mammoth. The group traveled in a Chartered Yellowstone Park Company bus, remaining overnight at Lake on the 7th and returning to Mammoth the afternoon of the 8th.

A one-day training program for new seasonal interpretive personnel was held on June 14. The morning session held at Canyon included talks by the Chief Park Naturalist, South and West District Naturalists, and the Electronics Technician. In the afternoon the group traveled to Lake, where seasonal naturalist Robert J. Jonas took them on the Store Point Walk. Evening sessions were held at Canyon. A training session for North District naturalists was held from 3 to 5 on June 23.

The orientation program for Maintenance and Administration Division, seasonal personnel, was conducted at five locations in the Park with a total of approximately 215 employees in attendance.

On June 6, the Sub-District Ranger at Canyon, Jerry Mernin, assisted District Ranger, Dale H. Nuss, in presenting "You as a Law Enforcement Officer" to the incoming group of Rangers and Naturalists during their orientation trip around the Park. The orientation program for seasonal Rangers and Naturalists was held June 6 through 8.

Training was the highlight of the month's activities for the Blister Rust Control crew and also for the Fire Control Aids. The Fire Control Aid Training Conference was held June 12 through 20.

Introduction

The purpose of this study is to investigate the effects of the proposed changes on the system. The study is divided into two main parts: a theoretical analysis and an empirical study. The theoretical analysis is based on the principles of the system and the proposed changes. The empirical study is based on the results of the experiments conducted.

Methodology

The methodology used in this study is based on the principles of the system and the proposed changes. The study is divided into two main parts: a theoretical analysis and an empirical study. The theoretical analysis is based on the principles of the system and the proposed changes. The empirical study is based on the results of the experiments conducted.

Results and Discussion

The results of the study show that the proposed changes have a significant effect on the system. The theoretical analysis shows that the proposed changes are consistent with the principles of the system. The empirical study shows that the proposed changes have a significant effect on the system.

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Awards

Along with his promotion, Mr. Keller was awarded a quality step increase under the Incentive Awards Program in recognition of high level performance at the GS-7 level which exceeded normal requirements.

Distinguished Service Award to Naturalist George D. Marler

On June 8, 1967, Secretary of the Interior, Stewart L. Udall, presented the Distinguished Service Award, the Department's highest honor award, to George D. Marler in recognition of his exceptional knowledge of Yellowstone thermal features and his extensive career here. He previously was awarded an honorary doctorate at Brigham Young University in recognition of distinguished work on geysers and hot springs in Yellowstone. He is now serving on a seasonal basis at Old Faithful.

Valor Awards to Rangers Brown and Anderson

On June 8, 1967, Secretary of the Interior, Stewart L. Udall, presented Valor Awards to Park Rangers Gary N. Brown and Frederick T. Anderson for acts of bravery, at the risk of their own lives while on duty in Yosemite National Park.

On three different occasions, they performed exceptionally hazardous rescue operations in saving the lives of injured and stranded mountain climbers in Yosemite's risky, perplexing, and supernal cliffs.

Gary Brown is now on duty at West Thumb. Rick Anderson has been appointed Law Enforcement Officer replacing Ed Widmer and will report here on June 20.

In the Hospital

Mrs. Naomi E. Hinton, Secretary, has been on extended sick leave since June 13. She is in the Livingston Memorial Hospital in Livingston, Montana.

Seasonal Ranger, Eldred H. Ferguson suffered a heart attack on June 22, while on duty at the West Entrance, he was taken to Lake Hospital.

The first part of the report is devoted to a general survey of the situation in the country. It is followed by a detailed account of the work done during the year.

REPORT ON THE WORK OF THE COMMITTEE

The Committee has the honor to acknowledge the assistance rendered by the various departments of the Government in the execution of its duties. It is particularly indebted to the Hon. Secretary of State for his kind and generous aid.

STATE OF THE UNION

The President of the United States has the honor to announce to you that the following are the principal events which have transpired during the year.

The Government has the honor to announce that it has received from the various States a total of \$1,000,000 for the purpose of carrying out the provisions of the Act of March 3, 1879.

The Government has also the honor to announce that it has received from the various States a total of \$500,000 for the purpose of carrying out the provisions of the Act of March 3, 1879.

TO THE SENATE

The Committee has the honor to submit to you the following report on the work of the year. It is accompanied by a detailed statement of the receipts and disbursements of the fund.

The Committee has the honor to submit to you the following report on the work of the year. It is accompanied by a detailed statement of the receipts and disbursements of the fund.

Conservation, Interpretation and Use

Interpretive Services and Planning

South District:

Fishing Bridge Museum (opened June 1)

Hours: 8 a.m. - 12: 1 p.m. - 5 p.m.	June 1 - 8
8 a.m. - 8:30 p.m.	June 9 - 14
8 a.m. - 9:30 p.m.	June 15 to end of season

Grant Village Museum (opened June 1)

Hours: 8 a.m. - 12: 1 p.m. - 5 p.m.	June 1 - 8
8 a.m. - 5:00 p.m.	June 9 - 14
8 a.m. - 8:30 p.m.	June 15 - 17
8 a.m. - 9:30 p.m.	June 17 to end of season

Canyon Visitor Center

Extended hours 8 a.m. to 9:30 p.m., as of June 11.

The first campfire program at Canyon was on June 11; Fishing Bridge, June 15, Bridge Bay and Grant Village, June 20.

The following delays were experienced due to inadequate staffing and weather conditions:

- Campfire Program - Canyon (scheduled 6/7; began 6/11 due to weather and staffing)
- Canyon Rim Walk (scheduled 6/12; began 6/15 due to wet conditions; South Canyon Rim used)
- Clear Lake Walk (scheduled 6/15; began 6/20 due to wet conditions; Cascade Lake Trail substituted)
- Mt. Washburn Hike (scheduled 7/1; began 6/28 but due to snow conditions hikes terminated before reaching the summit)

Expansion of the Fishing Bridge Amphitheatre seating began June 28. An improved fire pit and regravelling will be included in the restoration process.

THE NATIONAL BUREAU OF STANDARDS

REPORT OF THE NATIONAL BUREAU OF STANDARDS

1917

ANNUAL REPORT OF THE NATIONAL BUREAU OF STANDARDS

REPORT OF THE NATIONAL BUREAU OF STANDARDS
FOR THE YEAR 1917

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FOR THE YEAR 1917

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West District:

All announced activities for the West District were in operation by the end of the month. The first campfire program out at Old Faithful was June 17.

The on-site duty began at Fountain Paint Pot and Geyser Hill, and was expanded to include duty at Biscuit Basin, Midway Geyser Basin and the Oblong-Riverside area when possible with available personnel. It is planned to have on-site interpretation where the action is; e.g., at an eruption of Riverside or Grand, in order to contact the visitors while they are waiting for the eruption and their interest is high.

Museum

Nan Carson Richey, Museums Coordinator, Midwest Region, arrived in the Park June 13. On June 16, Park Naturalist Mary Meagher accompanied her on an inspection trip of Norris Soldier Station to evaluate items stored in that building.

Yellowstone Library and Museum Association

Two books were accessioned during the month; there were 30 users of the library.

Mud Volcano self-guiding booklet dispenser was broken into late Friday, June 23, or early Saturday, June 24. The dispenser was emptied at 4:30 p.m. and it is estimated that very little money was lost in the theft. In the West District the cash boxes at the trail guide dispensers were robbed on three different occasions - June 9, 23, and 28. Black Sand Basin was skipped each time. New locks will be installed in an effort to prevent further occurrences of thefts and the locks, money and leaflets will all be removed at dark and replaced the following morning.

Exhibitstand Equipment

The glass to the geology exhibit at Rustic Falls in Golden Gate was broken into the latter part of the month and the dacite and lichen covered rock specimens removed. Assistant Chief Park Naturalist Canter obtained new specimens for the exhibit and it has been restored.

Research and Observation

Dr. Author L. McDonald, Psychology Department, Montana State University, Bozeman, Montana, conferred with Chief Park Naturalist Good on June 16, to discuss his research proposal on evaluation of the Yellowstone interpretative program in relation to visitor reaction. The Chief Park Naturalist conferred with Dr. McDonald at Bozeman on June 29, regarding the same subject. Dr. McDonald's proposal will be submitted to the Washington Office for approval.

General

All members of the Society are invited to attend the annual meeting held in the month of June. The first meeting is held in the month of June.

The Society has been organized for the purpose of promoting the study of the history of the United States and the progress of the Republic. It is a non-profit organization and its funds are derived from the contributions of its members.

The Society has a library of books and pamphlets on the history of the United States. It also has a collection of maps and documents. The Society is open to all who are interested in the history of the United States.

Officers and Directors

The officers and directors of the Society are as follows:

The President is Mr. John Smith. The Vice-President is Mr. John Doe. The Secretary is Mr. John Brown. The Treasurer is Mr. John White. The Directors are Mr. John Black, Mr. John Grey, Mr. John Blue, Mr. John Green, Mr. John Yellow, Mr. John Purple, Mr. John Pink, Mr. John Red, Mr. John Orange, Mr. John Brown, Mr. John White, Mr. John Black, Mr. John Grey, Mr. John Blue, Mr. John Green, Mr. John Yellow, Mr. John Purple, Mr. John Pink, Mr. John Red, Mr. John Orange.

Membership

The Society has a number of members who are interested in the history of the United States. The membership is open to all who are interested in the history of the United States.

Publications

The Society publishes a number of publications which are of interest to its members. These include the "Journal of the Society" and the "Proceedings of the Society". The Society also publishes a number of pamphlets and books on the history of the United States.

During June geyser activity followed essentially the same pattern as during May. None of the long dormant geysers erupted.

STEAMBOAT erupted on June 15 at 6:40 a.m.

Beehive erupted four times during the month. Visitors report that Imperial Geyser is in continuous eruption as it was last year. OHIO Caliente erupted several times to 5-8 feet during the early morning of June 29.

Thirty-five eruption intervals were checked on Riverside during June. The average time was six hours and eighteen minutes; the maximum six hours and forty-seven minutes on June 13; the shortest interval six hours and twelve minutes on June 21.

During June 25 eruption intervals were determined on Grand. The maximum was 13 hours and 12 minutes; the minimum 6 hours and 15 minutes; the average 9 hours and 14 minutes.

During the month 31 eruption intervals were checked on Castle. The average time was 8 hours and 58 minutes; the extremes were 10 hours and 3 minutes and 8 hours and 23 minutes.

During most of June Cliff Geyser erupted at least twice each day.

Beehive was known to have erupted four times in June. So far this season an eruption of Beehive has been followed by another one on the following day.

Clepsydra continues to erupt steadily with resultant dormancy of Fountain and Morning. Red Spouter went into a steam phase in late May. Great Fountain is erupting about every seven to nine hours.

During June 285 eruption intervals were checked on Old Faithful. The average time was 66.3; the maximum interval 90 minutes and the minimum 39 minutes were on the 13th and 9th respectively.

Collecting Permits

The following collecting permits were approved during the month:

Noel G. Ary (employee) Kansas State Teachers College, Emporia	Plants	6/27
Jack W. Barker, Ft. Hays St. College, Hays, Kansas	Insects	6/21
Dr. Erling Dorf, Princeton University, Princeton, Ohio	rocks-minerals	6/200
John F. Flenniken-Winterville Sr. Hi-Bloomingsdale, Ohio	plants-insects	6/6
Edwin E. Leigh, (employee) Cedar City, Utah Highschool	plants	6/6
Wa. C. Luth, Mass. Inst. of Tech-Cambridge, Mass.	rocks-minerals	6/27
Ted Major, Jackson School District, Jackson, Wyo.	plants	6/23

Before the general meeting of the Board of Directors of the company...

The Board of Directors of the company...

During the year ending 31st December 1921, the company has...

The following table shows the results of the company's operations...

Balance forward 31st December 1920, £100,000; Profit for the year, £10,000...

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The following table shows the results of the company's operations...

Financial Results

The following table shows the results of the company's operations...

Profit for the year	£10,000
Dividend	£5,000
Reserves	£15,000
Assets	£100,000
Liabilities	£85,000
Net Assets	£15,000

Dr. Kent H. McKnight, USDI, Baltimore, Md.	fungi	6/14
Dr. Lewis T. Nielsen, U. of Utah, Salt Lake City	insects	6/12
Dr. Duncan T. Patten, Arizona St. U., Tempe, Arizona	plants, rocks, soil	6/23
Merlin Shoensmith, U. of Montana, Missoula, Montana	small animals (snaptrap)	6/15
Dale L. Taylor, U. of Wyoming, Laramie, Wyo.	plants, insects	6/16
Alan Wolf, Colo. St. Univ., Ft. Collins, Colo.	plants	6/12

Seismograph

The seismograph at Lake is still inoperative. Madison Junction seismograph was serviced June 9 and that installation and the one at Northeast Entrance are operating satisfactorily.

Safety and Health

Four on-the-job injuries were reported for the month: two for the Maintenance Division and two for Administration. Although we have not received a full report on all of these injuries, we understand that none of these were lost time accidents but all four employees required medical treatment.

Fifty-seven motor vehicle accidents occurred in June. A total of 82 motor vehicle accidents have been reported and investigated for the year through June.

On June 22, Edward Roy Semond of 3402 South 3rd Street, Union Gap, Washington, was charged and gored by a bull bison on Fountain Flats, while photographing the animal. He was taken to Lake Hospital.

An unusual accident occurred at Steamboat Point on June 26. Two bison charged a vehicle in the middle of the road and one of them lifted the car off the ground doing considerable damage. The occupant was not injured.

Law Enforcement

A total of 105 law enforcement incidents occurred during the month as compared to 81 for June 1966.

Ranger Activities

The old Gardiner road was closed each day from dark to dawn effective June 27. The Bunsen Loop road was also closed during this same period of time. The Upper Terrace Loop road was closed from dark to dawn effective June 30.

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Introduction

The purpose of this report is to provide a comprehensive overview of the current state of the industry and to identify key trends and challenges. The report is intended for use by senior management and other stakeholders who are responsible for strategic decision-making.

Executive Summary

The industry has experienced significant growth over the past five years, driven by increasing demand for high-quality products and services. However, the market is becoming increasingly competitive, with new entrants and established players alike. Key challenges include rising costs of raw materials, labor shortages, and increasing regulatory requirements. Despite these challenges, the industry remains resilient and is expected to continue to grow in the coming years.

The following table provides a summary of the key findings of the report. It shows that the industry is well-positioned to meet the challenges ahead, provided that companies continue to invest in research and development and focus on improving operational efficiency. The report also highlights the need for industry-wide collaboration to address common challenges and to promote sustainable growth.

Key Findings

The key findings of the report are as follows:

- Industry growth is expected to continue at a steady pace over the next five years.
- Increased competition is likely to lead to consolidation and the emergence of new market leaders.
- Operational efficiency and cost reduction are key priorities for companies in the industry.
- Investment in research and development is essential for long-term success.

Recommendations

Based on the findings of the report, the following recommendations are made:

- Companies should focus on improving operational efficiency and reducing costs.
- Investment in research and development should be prioritized to drive innovation and growth.
- Industry-wide collaboration is needed to address common challenges and to promote sustainable growth.

Numerous foot and vehicle patrols have been made in the South District to cover the Yellowstone River while it is closed to fishing. The new "Closed to Fishing" signs have been a great help in keeping illegal fishing to a minimum. As compared to last year, bonds for fishing in closed waters are very few.

On June 16, two fishermen were assisted out of the Canyon and later bonded for illegal climbing in the Canyon. One had suffered a tumble of 50 feet into the river but was uninjured.

Lost Persons

James R. Willig, a service station employee at Fishing Bridge, was reported lost on June 18. Numerous man hours were spent checking trailhead registers and hiking trails to find some trace of him. On June 24, he called from Los Angeles indicating he had hitchhiked there from the Park.

On June 25, the small son of a family camped at Lewis Lake was reported missing. Investigation and preliminary search operations were begun immediately. The boy, David Shanahan, of Mitchell, South Dakota, was found in the vicinity of the Lewis Lake campground. Approximately 240 man hours of Blister Rust Control time was devoted toward this search. The organized efforts of these crews contributed a great deal toward the successful conclusion of this search.

Forest Fire Protection

All Fire Control Aids were at their respective duty locations, all look-outs are manned, and the West Yellowstone Interagency Fire Control Center is at full strength except for the Cessna 206, which will be in July 6.

Building Fire Protection

Two structural fires were reported, both of which were in concession installations. One was a fire in a cabin at Fishing Bridge caused by using gasoline to start a stove fire. The other was at Old Faithful caused by a short in a high voltage line.

Insects and Tree Diseases

Blister Rust Control activities were practically nil because of training and emergency callups. The evaluation survey crew is going strong and will not be available for other activities except in cases of extreme emergency.

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Complaints

The visitor centers and museums receive several complaints daily about the mini-folder. The principal complaint is that the roads do not show up on the map - places referred to in the text are not shown on the map e.g., Fishing Bridge and Grant Village. Complaints have also been received from visitors about having to pay for the brochure.

Various complaints were received during June regarding food served in the concessioner facilities, high price of visitor facilities, service station service, noise in campgrounds, etc.

Verbal complaints were received concerning the Beartooth Highway. The local Silver Gate-Cooke City people were unhappy with the driving conditions on the high road during storms and with the "lack" of signs in the Park telling them that the Beartooth was closed.

Concessions

On June 14, Canyon area concessioners had a "get-together" held at the Canyon Ranger Station. Messrs. Bazata and Sigrist and Managers of the Lodge, Hamilton's Store, and the service station at Canyon, as well as their key assistants, met with Messrs. Estey, Nuss, and Clay, who represented the National Park Service, to discuss mutual problems.

Concessions that opened during June:

Yellowstone Park Company

June 1 - Ice - Mammoth Area
1 - Ice - West Thumb Area
2 - Old Faithful Cafeteria
2 - Mammoth Inn Cabins
5 - Saddle horses - Old Faithful Area
5 - Horses - Canyon Area
8 - Laundry - Lake Area
9 - Boats - West Thumb Area
9 - Old Faithful Lodge and Cabins
9 - Old Faithful Lodge and Coffee Shop
9 - Lake Hotel and Restaurant
9 - West Thumb Cabins
9 - West Thumb Self-Service Food (cafeteria)
10 - Bridge Bay Boats
10 - Boats - Grant Village Area
12 - Mammoth Restaurant
15 - Bridge Bay Scenicruisers
15 - Saddle Horses - Mammoth Area

The primary purpose of this report is to provide a summary of the work done during the year 1941. The report is divided into two main parts: a general summary and a detailed account of the work done in each of the various departments.

The general summary is divided into three sections: a general summary of the work done in each of the various departments, a summary of the work done in each of the various departments, and a summary of the work done in each of the various departments.

The detailed account of the work done in each of the various departments is divided into three sections: a detailed account of the work done in each of the various departments, a detailed account of the work done in each of the various departments, and a detailed account of the work done in each of the various departments.

General Summary

The general summary is divided into three sections: a general summary of the work done in each of the various departments, a summary of the work done in each of the various departments, and a summary of the work done in each of the various departments.

Departmental Summary

Departmental Summary

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- 50 - General Summary

- 15 - Horses - Roosevelt Lodge Area
- 15 - Scenicruisers - West Thumb Area
- 16 - Fishing Bridge Cabins
- 16 - Fishing Bridge Cafeteria
- 16 - Roosevelt Dude Lodge, Cabins and Food
- 18 - Stagecoach Rides - Roosevelt Lodge Area

Haynes Inc.

- June 1 - Haynes Lake Lodge Shop
- 6 - Haynes Picture Shop - Fishing Bridge
- 7 - Haynes Canyon Lodge Shop
- 8 - Haynes Old Faithful Lodge Shop
- 9 - Haynes Lake Hotel Shop
- 12 - Haynes West Thumb Shop
- 16 - Haynes Roosevelt Lodge Shop

Hamilton Stores, Inc.

- June 3 - Fishing Bridge Trailer Village
- 9 - General Store - West Thumb Area
- 16 - Hamilton's General Store - Fishing Bridge

Yellowstone Park Service Stations

- June 8 - Old Faithful Service Station (upper station)
- 9 - West Thumb Service Station
- 16 - Fishing Bridge Service Station
- 16 - Tower Fall Service Station

Bus Service

- June 9 - South Gateway
- 12 - Northeast Gateway
- 12 - East Gateway

- Garages June 9 - Canyon Area
- 9 - Mammoth Area

Wildlife and Fish Cultural Activities

Resource Studies

On June 12, Dr. John Craighead and Dr. Frank Craighead discussed, with members of the Yellowstone staff, results of their grizzly bear research

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Section 101

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Section 102

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Section 103

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Section 104

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Section 105

Section 106

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(YELL-N-7) and their plans for continuing their work under grants totaling \$33,000 from the National Science Foundation and the Atomic Energy Commission. The problem of providing housing and laboratory facilities was discussed, as was the need for a Memorandum of Understanding covering future grizzly bear research. The Craigheads submitted a draft copy of management recommendations for grizzly and black bears to the Superintendent for review.

Bear

One bear known as the "Cruncher" has been taking up numerous man hours in attempts to drag, trap, and kill because of his activities in the Fishing Bridge Hamilton Trailer Village. This animal rips thin-gauge garbage cans as if they were made of paper.

Birds

LeCounte's Sparrow and Mockingbird, species not on the Park records were observed in Black Sand Basin 6/16 by Sandra Krause, Ranger Naturalist (seasonal).

Elk Management

A great deal of time was spent preparing for interagency and public meetings on management of the Northern Yellowstone and Upper Gallatin elk herds. This included tabulating data on herd sex and age composition and productivity for use in determining herd reduction requirements for the Northern Yellowstone elk herd. Summaries were prepared of the interagency and public meetings on management of the Northern Yellowstone elk herd.

Fox

On June 29, Chief Park Naturalist Good and Assistant Chief Park Naturalist Center observed a Gray fox on the road bank near Blacktail Lakes. He was standing close to the road where the car headlights illuminated him. The pelage was very light with no pronounced variations in color between back and legs.

Geese

The Wyoming Game and Fish Wardens banded geese on Turbid Lake on June 24 and 25. Dr. Kenneth Diem was transported into the Southeast Arm of Yellowstone Lake where he made a count of nesting birds on the Molly Islands from a canoe.

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Bear Management

Roadside-Public Use Area Trand Count

<u>Date</u>	<u>District</u>	<u>Number of Bears</u>			
		<u>1967</u>	<u>1966</u>	<u>1965</u>	<u>1964</u>
6/ 7	North	6	13	10	13
	South	5	4	12	10
	West	<u>5</u>	<u>12</u>	<u>7</u>	<u>5</u>
	Total	16	29	29	28
6/14	North	11	12	10	9
	South	3	13	11	10
	West	<u>1</u>	<u>6</u>	<u>5</u>	<u>15</u>
	Total	15	31	26	34
6/21	North	9	25	13	10
	South	11	12	16	12
	West	<u>3</u>	<u>6</u>	<u>14</u>	<u>10</u>
	Total	23	43	43	32
6/28	North	11	19	13	7
	South	5	9	7	12
	West	<u>5</u>	<u>11</u>	<u>9</u>	<u>15</u>
	Total	21	39	29	34

Bear Incidents

	<u>6/67</u>	<u>6/66</u>	<u>6/65</u>	<u>6/64</u>
Injuries	11	11	6	3
Damages	23	49	33	11
Bears Killed:				
Control	3	1	2	0
Accident	2	5	1	0
Shipped to Zoos	3	0	2	0

By the end of June many comments were being received about the scarcity of bears along roadsides. The reason for this is not known, but the late spring may be partially responsible. Census figures for June 1967, are about the same as for May 1966. Extremely lush vegetation may also have something to do with the dispersal of bears away from roadsides. It is unlikely that our control operations last year or so far this summer have any relationship to the scarcity of bears along roads.

Table 1: Summary of Data

Year	Q1	Q2	Q3	Q4
2010	100	150	200	250
2011	120	180	230	280
2012	140	200	250	300
2013	160	220	270	320
2014	180	240	290	340
2015	200	260	310	360
2016	220	280	330	380
2017	240	300	350	400
2018	260	320	370	420
2019	280	340	390	440
2020	300	360	410	460

Table 2: Detailed Data

Year	Q1	Q2	Q3	Q4
2010	100	150	200	250
2011	120	180	230	280
2012	140	200	250	300
2013	160	220	270	320
2014	180	240	290	340
2015	200	260	310	360
2016	220	280	330	380
2017	240	300	350	400
2018	260	320	370	420
2019	280	340	390	440
2020	300	360	410	460

The data shows a consistent upward trend in the values across all quarters from 2010 to 2020. The quarterly growth rate is approximately 10% per year. The total value for each year increases by about 10% compared to the previous year. The data is presented in two tables, with Table 1 providing a summary and Table 2 providing detailed quarterly data.

Contract Awards

I. C. Constock Cody, Wyoming No 14-10-2-101-71	\$66,050.00	Construction of Entrance Station East Entrance
Industrial Equipment Co. Billings, Montana	\$11,849.00	Street Sweeper "Wayne" Model 1-940-4
Industrial Equipment Co. Billings, Montana	\$ 7,493.00	Fork Lift Truck
Arnour and Company Box 2566 Terminal Annex Spokane, Washington	\$ 3,531.60	Frozen and Pre- packaged meat for use in Mess Halls

Invitation to Bid

Invitation to Bid No 67-12 for an inboard-outboard motor boat was sent out June 30, 1967. The bid opening will be July 17, 1967, at 2:00 p.m.

Notice to Proceed

A Notice to Proceed was issued to Nelson Brothers Construction Company of Salt Lake City, Utah, under Contract No. 14-10-2-101-25, construction of chain link fence for incinerators at Lake and Grant Village. The beginning date is recorded as June 26, 1967.

A Notice to Proceed was issued to Aiman Construction Company of Idaho Falls, Idaho, June 21, 1967, for Contract No. 14-10-2-101-34, construction of three comfort stations, Canyon area. The beginning date of the project was stipulated as June 26, 1967, which unless extensions are granted will expire October 23, 1967.

Hunter-Saucerman Construction, Inc. began work on the incinerators at Lake and Grant Village on June 19, 1967. One hundred twenty-two days of contract time is remaining on this project. The completion date is recorded as October 18, 1967.

Order to Resume Work

An order to resume work was issued to Davey Tree Expert Company June 12, 1967. This project is for clearing, grubbing, and thinning of Grant Village concession area. Ninety-eight days of contract time remains which established the final completion date as September 13, 1967.

General notes

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On June 21, 1967, an order to resume partial work was issued to the R. J. Studer and Sons of Billings, Montana. This partial operation was limited to clearing and grubbing in the Bridge Bay Campground. Because of the wet ground conditions, a full operation resume work order could not be issued. The R. J. Studer and Sons Construction Co. are performing work under Contract No. 14-10-101-17. Construction of Water System Roads, Lake Roads and utilities, Lake Trailer Court and Campground Roads, and Bridge Bay.

Public Relations

Publicity

On each Thursday, the Yellowstone Weekly News was issued to keep employees, concessioners, and others currently informed of Park happenings.

The one press release concerned James H. Batzloff, Maintenance Foreman, Yellowstone National Park, receiving a \$100.00 Incentive Award from Superintendent John S. McLaughlin.

Chapel Use

Protestant services were held throughout the month with Catholic services beginning June 11 and continuing through September. Latter-Day Saints began holding services June 4 and will also continue through September.

Public Relations

On June 29, Park Naturalist Aubrey L. Haines gave a slide talk, "A Postcard Tour of the Yellowstone" to student ministers who will be conducting religious services in the Park this season. This was part of the staff orientation program sponsored by A Christian Ministry in the National Parks.

On June 29, Chief Park Naturalist Good met with Dr. Joseph R. Murphy, Associate Professor, Zoology, Brigham Young University, Provo, Utah, and a group of his graduate students to discuss the interpretive program in Yellowstone.

The Senate Interior Appropriations subcommittee has set August 12, as the date for hearings in Jackson, Wyoming, on a proposal to open highways in Yellowstone National Park on a year-around basis. Senator Gale W. McGee will preside over the hearings. Alternatives being proposed and disagreement over the financial requirements to accomplish year-around maintenance of travel in the Park the subcommittee has stated it wants the justification on the record before funds are allotted to keep the roads open through the winter.

On June 11, 1951, the Board of Trustees of the University of California at Berkeley, California, in its resolution No. 10-10-51, adopted the following resolution: "That the Board of Trustees of the University of California at Berkeley, California, do hereby authorize the President of the University of California at Berkeley, California, to execute and deliver to the Board of Trustees of the University of California at Berkeley, California, a resolution of the Board of Trustees of the University of California at Berkeley, California, in the following words: 'The Board of Trustees of the University of California at Berkeley, California, do hereby authorize the President of the University of California at Berkeley, California, to execute and deliver to the Board of Trustees of the University of California at Berkeley, California, a resolution of the Board of Trustees of the University of California at Berkeley, California, in the following words: ...'

Article 10

Section 1

On each meeting, the President of the University of California at Berkeley, California, shall cause to be printed and distributed to the Board of Trustees of the University of California at Berkeley, California, a copy of the minutes of the meeting, together with a copy of the resolutions of the Board of Trustees of the University of California at Berkeley, California, adopted at such meeting.

Section 2

The Board of Trustees of the University of California at Berkeley, California, shall cause to be printed and distributed to the Board of Trustees of the University of California at Berkeley, California, a copy of the minutes of the meeting, together with a copy of the resolutions of the Board of Trustees of the University of California at Berkeley, California, adopted at such meeting.

Section 3

On June 27, 1951, the Board of Trustees of the University of California at Berkeley, California, in its resolution No. 10-10-51, adopted the following resolution: "That the Board of Trustees of the University of California at Berkeley, California, do hereby authorize the President of the University of California at Berkeley, California, to execute and deliver to the Board of Trustees of the University of California at Berkeley, California, a resolution of the Board of Trustees of the University of California at Berkeley, California, in the following words: 'The Board of Trustees of the University of California at Berkeley, California, do hereby authorize the President of the University of California at Berkeley, California, to execute and deliver to the Board of Trustees of the University of California at Berkeley, California, a resolution of the Board of Trustees of the University of California at Berkeley, California, in the following words: ...'

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The Board of Trustees of the University of California at Berkeley, California, shall cause to be printed and distributed to the Board of Trustees of the University of California at Berkeley, California, a copy of the minutes of the meeting, together with a copy of the resolutions of the Board of Trustees of the University of California at Berkeley, California, adopted at such meeting.

Frontier Airlines inaugurated the season's air service to West Yellowstone on June 1. Western Airlines resumed its summertime operation into West Yellowstone on the same date. Frontier has one flight from Denver to Billings via Jackson and West Yellowstone and it returns daily. Western's flight into West Yellowstone originates at Salt Lake City.

The National Park Service has officially designated "Camp Disappointment" as a historical site. It was a camp used by Meriwether Lewis during the famous Lewis and Clark expedition. The campsite is located on the Cut Bank River in Glacier County. On June 16, a new Montana Highway Historical Marker was unveiled.

Big Hole National Battlefield

Weather

Temperatures for the first half of the month were quite cool, cloudy, and wet. Twelve out of the last fifteen days were above 70° with a maximum of 77° on the 19th and a minimum of 29° on the 2nd and 3rd. Thunder storms were scattered throughout the month bringing gusty winds and heavy rain and hail showers.

Lightning strikes burned out the trailer phone line on the 1st, 8th, and 24th, completely destroying the phone on the 24th. Lightning on the 27th, destroyed the phone at the Siege Area and a replacement was made. A lightning strike about a quarter of a mile from the trailer knocked out the power line on the 8th requiring five hours to return power to the trailer, and seven hours before power was returned to the Siege Area. Damage to the trailer resulted in a hole an inch in diameter burned in the end of the trailer and a burned junction box and plug on the trailer porch.

Decrease in Travel

Cool, wet weather reduced travel to the area the first part of the month resulting in a decrease of 27% for the month compared to June of last year. Travel to date is down 35% compared to the same period in 1966.

Operations

Protection and Ranger Services

Eleven battle scarred stumps were stabilized with cement and angle iron. There is some danger of injury from a falling stump to a visitor as well as the need to preserve them.

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Maintenance

Settling has occurred in the black top over sewer and water lines in the development on the bench. The depressions have been filled with gravel to prevent vehicle damage until they can be properly repaired.

Frequent road repairs have been necessary to keep the entrance road to the Siege Area passable.

Interpretive Activities and Developments

Interpretive

Several items from the McWhorter collection of artifacts relating to participants of the Big Hole Battle have been promised to the Battlefield. Exhibits are being planned to include these items in the new visitor center. Photographs and measurements are to be taken of the collection at Pullman, Washington, for planning the exhibits.

Design and Construction

Project Engineer Macfarlane of WSSC arrived June 25. To date no construction workers have arrived to begin work on the new road.

Invitations to Bid

Invitations to bid have been mailed to interested bidders for Project BHB-S150, construction of visitor center and service building, Big Hole National Battlefield. The bid opening date is July 25, 1967, at 3:00 p.m.

Invitations to bid have been distributed to interested bidders for Project No. BHB-S151, construction of employee apartments, headquarters, Big Hole National Battlefield. The bid opening date is July 25, 1967, at 2:00 p.m.

Public Relations

Adjacent rancher, Mr. Clemow, assisted in repairing a road washout at the Battlefield through the loan of his back hoe and operator while making irrigation ditch repairs.

Introduction

The purpose of this study is to investigate the effects of the proposed changes on the system. The study is divided into two main parts: a theoretical analysis and an empirical study. The theoretical analysis will focus on the conceptual framework and the expected outcomes. The empirical study will involve data collection and analysis to validate the theoretical findings.

Methodology

Research Design

The research design is a quantitative approach, utilizing a survey method to collect data from a large sample of participants. The survey instrument is a structured questionnaire designed to measure the variables of interest. The data will be analyzed using statistical methods to identify patterns and relationships.

Data Collection

Data collection was conducted through an online survey platform. The survey was distributed to participants via email and social media channels. The data was collected over a period of six weeks, ensuring a diverse range of responses.

Data Analysis

The data analysis phase involved several steps. First, the data was cleaned and organized into a structured format. Then, descriptive statistics were calculated to summarize the data. Inferential statistics, including t-tests and ANOVA, were used to compare the groups and test the hypotheses. The results are presented in tables and graphs for clarity.

Conclusion

The study concludes that the proposed changes have a significant positive impact on the system's performance. The findings support the theoretical framework and provide practical implications for the implementation of similar changes in other contexts.

YELLOWSTONE NATIONAL PARK

Design and Construction Narrative

June 1967

Plans, Maps and Surveys:

Preliminary Drawing NP-YEL-6225, Residential Area Roads & Utilities, Old Faithful.
Concurrence by Superintendent June 26.

Working Drawing NP-YEL-6306, Steps from Artist Point Parking Area to Trails, Artist Point Road.
Recommended for approval by DCSSC May 25.
Concurrence by Superintendent June 14.

Concessioner Working Drawing NP-YEL-8806-A, Grant Village Campers Service Station.
Recommended by Superintendent June 16.

Concessioner Working Drawing NP-YEL-8807-A, Grant Village Campers Service Building.
Recommended by Superintendent June 16.

Concessioner Working Drawing NP-YEL-8810, Installation of Diesel Tanks - Mammoth.
Recommended by Superintendent June 26.

Concessioner Working Drawing NP-YEL-8085-A, Definitive Cabin Drawings.
Recommended by Superintendent June 26.

Concessioner Working Drawing NP-YEL-8500-A, Cabin Construction, Lake Lodge Area Site Plan.
Recommended by Superintendent June 26.

Concessioner Working Drawing NP-YEL-8499-A, Cabin Construction, Canyon Village Area B-2 Site Plan.
Recommended by Superintendent June 26.

Contract Awarded:

No. 14-10-2-101-71 to I. C. Comstock, Cody, Wyoming \$66,150.00 for construction of Entrance Station, East Entrance.

Stop Order issued to:

Clark's Ready-Mix Concrete, effective June 22 (adverse weather conditions)

Resume Work Orders issued to:

Davey Tree Expert Co., effective June 12
Paul Lee, effective June 19
Hunter-Saucerman, effective June 19

Order to Resume Partial Work issued to:

R. J. Studer & Sons, effective June 21 (limited to Clearing & Grubbing
Bridge Bay Campground)

Inspections Held:

June 7. - Final - Reconstruct Trail Bridge Firehole River, (Penta-Vac
Post & Pole. 14-10-2-101-19)

Meetings attended by the Management Assistant (Programs) included:

Staff Meetings, June 1, 15, 29.

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BIG HOLE NATIONAL BATTLEFIELD
Design and Construction Narrative

June 1967

All construction work still shut down due to weather conditions.

John S. McLaughlin
Superintendent

In triplicate

cc:
Regional Director, Midwest Region
Library
Asst. Supt. (SS)
File

THE UNITED STATES OF AMERICA
DEPARTMENT OF JUSTICE
WASHINGTON, D. C.

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YELLOWSTONE NATIONAL PARK, WYOMING

Yellowstone National Park Superintendent John S. McLaughlin is presenting William S. Keller, National Park Service photographer, with a quantity pay increase award of \$300.00. Keller was granted the award because of his outstanding work performance during 1966 and 1967 in which he provided excellent photographic services under prolonged travel conditions in the Western United States, and hazardous weather conditions.

NPS Photo

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5800 S. UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637
TEL: (773) 835-3100
FAX: (773) 835-3101
WWW: WWW.CHEM.UCHICAGO.EDU



YELLOWSTONE NATIONAL PARK, WYOMING

Yellowstone National Park Rangers Gary N. Brown and Frederick T. Anderson were recent recipients of Valor Awards for their courageous efforts in saving the lives of injured and stranded mountain climbers in Yosemite National Park, California in 1965. These men were honored at the Department of the Interior Honor Awards Convocation, June 8, 1967, in Washington, D. C.

NPS Photo

The Department of the Interior
has the honor to acknowledge the receipt of
your letter of the 10th inst. in relation to
the application of the National Monument
Act to the land described in the
enclosed report. The Department is
pleased to inform you that the
land described in the report is
being considered for inclusion in
the National Monument system.

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

BUILDINGS AND UTILITIES

NPS ROADS AND TRAILS

BPR ROADS AND TRAILS

REPORT FOR (Month and year)

June 1967

F. Y. PROJECT NUMBER	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	POP. NO.	DRAWING NO.	TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION			REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
					CONTRACT (C) OR (DL)	ESTIMATED DATE STARTING COMPLETION	% COMPLETE	
1964	101-211723 (B-120) - Concessioner Facilities (incl. Concessioner Sales Bldg., Boat Repair & Rental Bldg., 1-1/2 T. Noist, Clock House & Floating Fuel Dock.) Bridge Bay	B-450-1	6104 6049 5105 5/64 12/64	159860.25	C	5/1964 7/1967	99	D&C Floating Fuel Dock, contract 14-10-0243-593, Western Service Contractors, Powell, Wyo. \$67,030.80 (This Por. \$15,190) 100 % Concessioner Sales Bldg., Contract 14-10-0243-587, Martel & Lee, Bozeman, Montana \$79,985.00 100% Boat Repair & Rental Bldg., contract 14-10-0243-616, Wallace Diteman, Inc. 100%
1964	101-211738 (B135) Visitor Center incl. Audio-Visual & exhibits - Grant Village	B-376-1	6012B 2/65	233288.67	C	7/1965 7/1967	98	P P.O. Hathaway, Clock House \$990 100% P.O. Darrud, access above ceiling \$15 100% Purchase Orders (4) Move fuel dock relocate lines in permanent position, etc \$5,337.00
1966	101-211751 - Smoke Jumper's Facilities (NPS Share), Yellowstone Airport, West Yellowstone, Montana	B-471	FS B288A 290,374 721 B353R	81492.85	C	12/1965 7/1967	85	D&C Contract 14-10-0243-638, Julien Construction, Cody, Wyo. \$223,307 Final Inspection 10/25/66 U.S.F.S. Contract to Wallace Diteman Bozeman, Montana \$219,675.30. NPS Share 33% - \$72,492.85

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MOHITA MOHAMED KHOSI

MOHAWT BUSH SERVICE

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
MONTHLY PROGRESS REPORT

Area Yellowstone National Park

F. Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	BIPR ROADS AND TRAILS		DRAWING NO.	TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION		REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)	
		BIPR ROADS AND TRAILS	POP. NO.			CONTRACT (C) OR DL	ESTIMATED DATE STARTING COMPLETION		% COMPLETE
1966	101-211756 - Employee Apartments seasonal (8 units), Canyon	<input checked="" type="checkbox"/>	3	6221 5/66	89345.09	C	8/1966 6/1967	D&C Contract 14-10-2-101-9, Wade's Inc., Ogden, Utah \$178,240.05 (this por. \$79,203.60)	
1966	101-211757 - Employee Residences (5) incl. Range & Refrigerator,	<input type="checkbox"/>	B-427	6226 3/66	97300.00	C	8/1966 6/1967	P Furnishings & Equipment \$9,950	
1965	Ranger Patrol Station, Marina Area Grant Village	<input type="checkbox"/>	B-414-1			DL		D&C Contract 14-10-2-101-9, Wade's Inc., Ogden, Utah \$178,240.05 (this por. \$95,500)	
1965	Boat Patrol Station, Grant Village	<input type="checkbox"/>	B-418	6123		C		P Stoves, refrigerators, curtain rods, shades, clotheslines \$1,800	
1966	Entrance Station, West Entrance	<input type="checkbox"/>	B-444			C		D&C	
1966	Marina Repair & Storage Building Grant Village	<input type="checkbox"/>	B-458			C		D&C	
1966	Marina Center Bldg., Grant Village	<input type="checkbox"/>	B-457			C		D&C	
1967	Utility & Storage Bldg., Grant Village	<input type="checkbox"/>	B-317-3			C		D&C	
1966	Dormitory & Mess Hall, Grant Village	<input type="checkbox"/>	B-406-2			C		D&C	
1966	Comfort Stations (2) inc. Utility Connections, Bridge Bay	<input type="checkbox"/>	B-460			C		D&C	

REPORT FOR (Month and year)
June 1967

NATIONAL PARK SERVICE

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

BUILDINGS AND UTILITIES

NFS ROADS AND TRAILS

BPR ROADS AND TRAILS

REPORT FOR (Month and year)

June 1967

F. Y. FISCAL YEAR	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO.	TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION COR- TRACT (C) OR DL	ESTIMATED DATE		% COM- PLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
						STARTING COMPLETION	7 8		
1966	Patrol Cabin, Howell Creek, Park General	B-449-1	6240		C				D&C
1967	101-211764 - Comfort Stations (3) Upper & Lower Falls, Canyon	B-451	6243	67352.00	C				D&C Contract 14-10-2-101-34, Alman Construction Co., Idaho Falls, Idaho \$67,352.00
1967	101-211765 - Entrance Station, East Entrance	E-390	6125A 4/67	6150.00	C				D&C Contract 14-10-2-101-71, I. C. Comstock, Cody, Wyo. \$66,150.00
1966	101-211755, FM Radio System, Park General	U-242	6209-B 3/66	177292.57	C	7/1966 6/1967			D&C Contract 14-10-0232-1303, Motorola Reston, Va. \$94,375.00 60% Contract 14-10-970-6DC, Contracts 14-10-7:971, 11, 12, 13, 14. Supply contracts handled by DCSSC. Our Por. \$49,173.65
1966	101-211758 - Utility Extensions to Residences, Water, Sewer & Power	U-248	6228 1/66	1843.25	C	8/1966 6/1967			E Installations \$2,677.60 D&C Contract 14-10-2-101-9, Wade's Inc., Ogden, Utah \$178,240.05 (this por. \$1,843.25)
1967	101-211759 - Extend Utilities, Water & Sewer, No. & So. Rims, Canyon	U-258-1	6235 6/66	73569.25	C	9/1966 7/1967			D&C Contract 14-10-2-101-16, Clark's Ready-Mix Concrete, Jackson, Wyo., \$87,937 (this por. \$73,569.25) Stop Order eff. 6/22/67

No.	Description	Date	Particulars	Debit	Credit	Balance
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Balance b/d
 Balance c/d
 Total

Total of Debit Column = Total of Credit Column

Date: _____

By: _____

NATIONAL PARK SERVICE
MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

BUILDINGS AND UTILITIES

NPS ROADS AND TRAILS

BPR ROADS AND TRAILS

REPORT FOR (Month and year)

June 1967

F. Y. PRO. GRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO.	TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION CONTRACT (C) OR DL	ESTIMATED DATE		% COM- PLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
						STARTING	COMPLETION		
1967	101-211760 - Fire Protection Improvements, Developed Areas, Park General	U-266	6241 6/66	14367.75	C	9/1966 6/1967	94	D&C Contract 14-10-2-101-16, Clark's Ready-Mix Concrete, Jackson, Wyo. \$87,937 (this por. \$14,367.75) Stop order eff. 6/22/67	
1967	101-211761 - Water, Sewer & Power Extensions (30 sites), Employee Trailer Court, Lake	U-270	6236 5/66	51105.10	C	9/1966 6/1967	30	D&C Contract 14-10-2-101-17, R. J. Studer & Sons, Billings, Mont. \$243,352.10 (this por. \$51,105.10)	
1964	Utility Extensions, Concessioner Rec. Area, Upper Canyon Area	U-251-1						Project dropped. Program author- ization 67-105 of 6/5/67	
1966	101-211762 - Incinerator & Dump Grant Village	U-235	6244 5/66	124317.18	C	10/1966 7/1967	48	D&C Contract 14-10-2-101-24, Hunter- Saucerman, Inc., Idaho Falls, Idaho \$233,484 (this por. \$115,530) Order to resume work eff. 6/19/67 Contract 14-10-2-101-25, Nelson Bros., Salt Lake City, Utah, fence \$11,568 (this por. \$5,784)	
1966	101-211763 - Incinerator & Dump Lake	U-264	6244 5/66	125241.18	C	10/1966 7/1967	48	D&C Contract 14-10-2-101-24, Hunter- Saucerman, Inc., Idaho Falls, Idaho \$233,484 (this por. \$117,954) Order to resume work eff. 6/19/67 Contract 14-10-2-101-25, Nelson Bros., Salt Lake City, Utah fence \$11,568 (this por. \$5,784)	

1. General Information
 2. Financial Summary
 3. Operational Data
 4. Personnel
 5. Equipment
 6. Inventory
 7. Other

Item	Quantity	Unit Price	Total Value	Notes
Office Supplies	100	0.50	50.00	
Printing Costs	500	0.10	50.00	
Travel Expenses	10	5.00	50.00	
Utilities	12	4.17	50.04	
Insurance	1	50.00	50.00	
Depreciation	1	50.00	50.00	
Salaries	10	5.00	50.00	
Benefits	10	5.00	50.00	
Other Personnel	10	5.00	50.00	
Equipment	1	50.00	50.00	
Inventory	1	50.00	50.00	
Other	1	50.00	50.00	
Total			500.04	

Prepared by: _____ Date: _____
 Reviewed by: _____ Date: _____
 Approved by: _____ Date: _____

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

BUILDINGS AND UTILITIES

NFS ROADS AND TRAILS

BPR ROADS AND TRAILS

REPORT FOR (Month and year)

June 1967

F. Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO.	TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION		REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
					COM-TRACT (C) OR DL	ESTIMATED DATE STARTING COMPLETION	
						% COM- PLETE	
1965	101-211730 (B-127) Boat Docks & Related Facilities, Grant Village	M-145	6111 6/64	268210.76	C	7/1965 6/1967	D&C Contract 14-10-0243-598, Paul Lee, Bozeman, Mont. \$258,676.00. Order to resume work eff. 6/19/67
1964	101-211733 (B-130) Amphitheater Grant Village, 750 capacity inc. audiovisual	M-112-2	6037-B 6/64	46909.00	C	10/1964 6/1967	D&C Contract 14-10-0243-605, Keith Ormand, Idaho Falls, Idaho \$41,749.00
1965	101-211734 (B-131) Grounds Improv-ement & Site Protection, Mammoth	M-144	6009 6/63	12400.00	DL	5/1966 6/1967	P Seat bolts \$250. AV \$4,000.00
1966	101-211752 Bulkhead & Breakwater, Grant Village Marina	M-212	6210-A 9/65	107670.00	C	9/1965 12/1966	D&C Program adj. Contract 14-10-0243-598 (por.) Paul Lee, Bozeman, Montana \$258,676.00 (this por. C.O. #6 \$48,020) 100%
1966	101-211753 Rehab. of Exhibits, Museum, Mammoth			4850.00	DL	2/1966 7/1967	D&C Contract 14-10-0243-671, Wallace Diteenan, Inc., Bozeman, Mont. \$59,650. 99%
1966	101-211754 Rehab. of Exhibits, Museum, Fishing Bridge			10476.00	DL	2/1966 7/1967	D&C Contract 14-10-0243-671, Wallace Diteenan, Inc., Bozeman, Mont. \$59,650. 99%

TECHNICAL REPORT Y-1000000

Page 1

Section 1

Table 1

Figure 1

Table 1: Summary of Data

Parameter	Value	Unit
Temperature	25.0	°C
Pressure	1.0	atm
Humidity	50.0	%
Flow Rate	10.0	L/min
Concentration	0.1	g/L

Figure 1: Graph of Temperature vs. Time

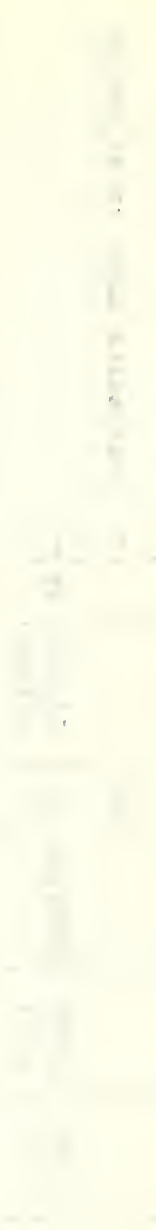


Table 2: Detailed Data Points

Time (min)	Temperature (°C)
0	20.0
2	21.0
4	22.0
6	23.0
8	24.0
10	25.0

Figure 2: Graph of Pressure vs. Time



NATIONAL PARK SERVICE

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

BUILDINGS AND UTILITIES

MPS ROADS AND TRAILS

BPR ROADS AND TRAILS

REPORT FOR (Month and year)

June 1967

F. Y. PRO-GRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	POP. NO.	DRAWING NO.	TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION			REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
					COM. TRACT (C) OR DL	ESTIMATED DATE STARTING COMPLETION	% COM. PLETE	
1965	101-225117 (R-79) Trails, Paths & Walks, Bridge Bay	R-361	6121 10/64	48600.00	DL	5/1965 6/1967	95	P
1964	101-225118 (R-80) Reconstruction Rt. 5 East Entr. to Parking Area 6 mi. Base. Bitum, Surface and Shoulders (DL por.)	R-309-1		3302.25		5/1965 2/1967	94	P
1966	101-225124, Reconstruct Terrace Loop Road, (Compl.), Mammoth	R-299-2		28000.00	DL	8/1965 1/1967	99	P
1966	101-225125, Reconstruct Trails, So. Rim, Canyon	R-307-3	6141A 3/65	40000.00	DL	11/1965 7/1967	87	P
1966	101-225126, Reconstruct Walks Mammoth Terraces, Mammoth	R-314		13600.00	DL	5/1966 1/1967	99	P
1966	101-225129, Walks & Drives 5 res. Mammoth	R-379-1	6228 1/66	1693.20	C	8/1966 6/1967	99	D&C
1967	101-225130, Clear, Grade & Drain Roads & Parking for Cabin Area incl. Base, 4.5 mi (por.) Grant Village	R-451	6239 5/66	54120.50	C	8/1966 8/1967	75	D&C
1967	101-225132, Reconstruct Roads to Reservoir & Water System 0.94 mi. Lake	R-385	6148A 4/65	9120.00	C	10/1966 8/1967	0	D&C

Relocate transahomes, \$2,402.25 100%

Mtn. States Tel. bury phone lines, \$900.00 90%

D&C Contract 14-10-2-101-9, Wade's Inc., Ogden, Utah \$178,240.05 (this por. \$1,693.20)

D&C Contract 14-10-2-101-12, Davey Tree Expert Co., Kent, Ohio \$34,241. Order to resume work eff. 6/12/67

D&C Contract 14-10-2-101-17, R. J. Studer & Sons, Billings, Mont. (this por. \$9,120.00) \$243,352.10

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

BUILDINGS AND UTILITIES NPS ROADS AND TRAILS

BPR ROADS AND TRAILS

REPORT FOR (Month and year)

June 1967

F. Y. PRO. GRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO.	TOTAL ALLOTTED BY FISCAL YEAR	CONTRACT (C) OR DL	CONSTRUCTION		REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
						ESTIMATED DATE STARTING COMPLETION	% COM- PLETE	
1	3	4	5	6	7	8	9	
1965	101-225131, Proj. I-A (1), B(1) & 12 (1)-(Day Labor) Consists of directional & traffic signs, Norris Bypass	R-310-1	4	2400.00	DL	9/1966 6/1967	80	P
1967	101-225133, Campground Roads & Parking (210 sites) 3.0 mi. Bridge Bay	R-393	6237 5/66	157130.00	C	9/1966 8/1967	25	D&C Contract 14-10-2-101-17, R. J. Studer & Sons, Billings, Mont. (this por. \$157,130) \$243,352.10. Order to resume partial work eff. 6/21/67
1967	101-225134, Roads & Site Prep (30 sites) Empl. Tr. Court 0.5 mi. Lake	R-427	6238 5/66	25997.00	C	9/1966 8/1967	25	D&C Contract 14-10-2-101-17, R. J. Studer & Sons, Billings, Mont. (this por. \$25,997) \$243,352.10
1967	101-225135, Reconstruct Trail Bridge Firehole R., Old Faithful	R-432	6242 6/66	12500.00	C	9/1966 7/1967	99	D&C Contract 14-10-2-101-19, Penta-Vac Post & Pole, Hulett, Wyo. \$12,500. Final Inspection 6/7/67
1967	101-225136, Striping, W. Entr. Rd. & Por. of Grand Loop near Madison Jct. 16.5 mi. Park Gen.	R-463		2000.00	DL	10/1966 4/1967	99	P
1967	101-225137, Signing & Striping, Artist Pt. Rd. 1.6 mi., Park Gen.	R-465		1040.00	DL	11/1966 7/1967		P
1964	Parking Area, Concessioner Recreation Area, Upper Canyon Area	R-382-1			DL			P

TIME	ACTIVITY	START	STOP	LOCATION	REMARKS
08:00	Arrival at school	08:00	08:15	Classroom	Students arrived on time.
08:15	Morning assembly	08:15	08:45	Assembly hall	Participated in morning prayer and song.
08:45	First lesson	08:45	09:15	Classroom	Lesson on the importance of cleanliness.
09:15	Break time	09:15	09:30	Canteen	Students had their breakfast.
09:30	Second lesson	09:30	10:00	Classroom	Lesson on the importance of honesty.
10:00	Recess	10:00	10:15	Courtyard	Students played a game of tag.
10:15	Third lesson	10:15	10:45	Classroom	Lesson on the importance of respect.
10:45	Physical Education	10:45	11:30	Sports field	Students participated in a group exercise.
11:30	Lunch	11:30	12:00	Canteen	Students had their lunch.
12:00	Rest	12:00	12:30	Classroom	Students rested in their classrooms.
12:30	Fourth lesson	12:30	13:00	Classroom	Lesson on the importance of responsibility.
13:00	Art and Craft	13:00	13:45	Art room	Students made a drawing about the lesson.
13:45	Music	13:45	14:15	Music room	Students sang a song about the lesson.
14:15	Physical Education	14:15	15:00	Sports field	Students played a game of basketball.
15:00	Reading time	15:00	15:30	Classroom	Students read their books.
15:30	Homework	15:30	16:00	Classroom	Students did their homework.
16:00	Dismissal	16:00	16:15	Classroom	Students were dismissed.

Signature: _____
Date: _____

Teacher's Name: _____

Class: _____

Subject: _____

Remarks: _____

UNITED STATES DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE
 MONTHLY PROGRESS REPORT

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Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

BUILDINGS AND UTILITIES

NPS ROADS AND TRAILS

BPR ROADS AND TRAILS

REPORT FOR (Month and year)

June 1967

F. Y. PRO- GRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO.	TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION		REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
					CON- TRACT (C) OR DL	ESTIMATED DATE STARTING COMPLETION	
1	2	3	4	5	6	7	8
1966	101-225138 - Roads & Parking, Laundromat & Shower Bldg., Canyon	R-495	6302	24000.00	DL	6/1967 10/1967	P
1966	Roads & Parking Service Station Employees' Dorm, Canyon	R-496		6000.00	DL		P
1967	Construct Trail, Grant Village to Flat Mountain Arm, 11.5 mi. Grant Village	R-374			DL		P

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
MONTHLY PROGRESS REPORT

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Area Yellowstone National Park

Form 10-771 (Rev. 1/64)

REPORT FOR (Month and year)

June 1967

BUILDINGS AND UTILITIES NPS ROADS AND TRAILS BPR ROADS AND TRAILS

F. Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	POP. NO.	DRAWING NO.	TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION	ESTIMATED DATE STARTING COMPLETION	% COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1964	101-22-5105, Reconstruct Rt. 5, E. Entr. to Parking Area, 6 mi., Base Bitum. Surface & Shoulders (incl. Relocation of E. Entr. Station Rd.) Proj. 5 (1)	R-309-3	4	736610.50	C	5/1965 6/1967	99	D&C Contract NPS-WASO-YEL-V-64/35 Cave Const. Inc., Great Falls, Mont. \$683,205.00
1965	101-22-5124, Reconstruct Rd. & Parking Areas, Chittenden Br. to Artist Pt. R. 160, 1.6 mi., Base & Bitum. Surface	R-341-1		580815.00	C	9/1965 8/1967	80	D&C Contract NPS-WASO-YEL-V-65/38 Cave Const. Inc., Great Falls, Mont. (incl. major bridge rehab. proj.) \$510,015.
1966	101-22-5124, Rehab. Major Bridges I&I, Golden Gate Viaduct; IH Gardiner R. Br.; R. 8, Lamar R. Br. 0.3 mi.	R-387-1			C	9/1965 8/1967	90	D&C Contract NPS-WASO-YEL-V-65/38 Cave Const. Inc., Great Falls, Mont. \$510,015 (incl. Proj. 160)
1967	Old Faithful Bypass & Parking, R1-C (por.) & 1-D (por.) 3.5 mi.	R-409-1			C			D&C
1967	Final Surface, Arnica Cr. to Bridge Bay (11.3 mi.)	R-388			C			D&C
1967	Recon. R.5 (por.) E. Entr. to Sylvan Pass. Surface, Guardrail, etc. 7.3 mi.	R-429-1			C			D&C

Year	Project Name	Location	Area	Area (Acres)	Value (\$)	Notes
1951
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RECORDS SECTION
 FEDERAL BUREAU OF INVESTIGATION
 WASHINGTON, D.C. 20535

UNITED STATES DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE
 MONTHLY PROGRESS REPORT

1

Archaic Hole National Battlefield

CHECK BELOW THE PROJECT USED:

BUILDINGS AND UTILITIES

NPS ROADS AND TRAILS

BPN ROADS AND TRAILS

REPORT FOR (Month and year)

June 1967

F. Y. PRO-GRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	POP. NO.	DRAWING NO.	TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION TRACT (C) OR DL	ESTIMATED DATE STARTING	ESTIMATED DATE COMPLETION	% COM-PLITE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1967	2 Visitor Center-Service Bldg., incl. Exhibits and Audiovisual	3 B-6-5	4		C			8	D&C Bid opening 7/25/67
1967	Employee Apartments, one 4 unit	B-8-2			C				D&C Bid opening 7/25/67
1967	Entrance Sign	M-6			C				D&C

WOMEN'S WORKSHOP RECORD

DATE: JAN 10 1944

ATTENTION

No.	Name	Address	Age	Education			Occupation	Remarks
				Grade	Year	Month		
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UNITED STATES DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE
 MONTHLY PROGRESS REPORT

Form 10-771
 (Rev. 1/64)

2

Area Big Hole National Battlefield

CHECK BELOW THE PROJECT USED:

BUILDINGS AND UTILITIES

NPS ROADS AND TRAILS

BPR ROADS AND TRAILS

REPORT FOR (Month and year)

June 1967

F. Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO.	TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION			REMARKS AND CONSTRUCTION AGENCY (D & C), (R), OR (A)
					CONTRACT (C) OR (R)	ESTIMATED DATE STARTING	% COMPLETED	
1967	341-225102 Access Road, Visitor Center Parking, Utility Road & Parking (compl.) 0.8 mi.	R-3	3006 6/66	81483.50	C	9/1966 7/1967	60	D&C Contract 14-10-2-341-1, N. L. Garrick Const. Co., Missoula, Montana, \$76,853.30

Date	Description	Debit		Credit		Balance
		Dr	Cr	Dr	Cr	
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NATIONAL ARCHIVES
 COLLEGE PARK, MARYLAND
 REFERENCE SERVICE



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Yellowstone National Park, Wyoming 83020

IN REPLY REFER TO:
A2615

June 1967

CHIEF PARK RANGER'S MONTHLY NARRATIVE REPORT

GENERAL

Weather Conditions: June was a wet month. On June 23, the Park experienced a freak snowstorm and a drop in temperatures. Below freezing temperatures were reported throughout the Park and in some locations 6 inches of snow was recorded. By the end of the month, snow was practically all melted up to the 8,500 foot elevation. Above this elevation, snow is still relatively common, particularly on north-facing slopes.

Increase or Decrease in Travel: Visitors entering Yellowstone National Park during June totaled 387,698. Automobiles entering the Park reached 107,694. This is a 2.9 percent increase in travel as compared to June 1966.

Vehicles entering the North Entrance reached 10,894 this month in comparison to 10,636 June 1966. This is about a 2.5 percent increase.

Due to the various road closures on the Beartooth Highway, travel through the Northeast Entrance was down.

Automobile travel recorded at the South Entrance has increased approximately 7 percent compared to June 1966. Vehicles entering the South Entrance in June totaled 32,158.

East Entrance travel has increased 9 percent compared to last year.

Travel through the West Entrance decreased in June.

Visitors: Governors from 12 western states visited the Park while attending the Western Governors' Conference at West Yellowstone, June 25 through 28.

Mr. Muhammad Musud Rana and Mr. Hameed Ahmad, Foresters from Pakistan, discussed various problems and techniques in the National Parks with the Biologist and Law Enforcement personnel during the month.

Special Activities: Chief Park Ranger Estey attended the Montana Wildlife Federation Convention in Great Falls, Montana, on June 2 through 4. The Convention's theme of "Open Spaces" was appropriately followed by hearing of and learning about various subjects dealing with our environment.

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



June 1967

IN REPLY REFER TO:
43012

CHIEF WILSON'S WINTER QUARTERS

Summary

General Location: This site is located on June 23, the first
of a long season and a day in the future. The
trailing temperatures were reported from the site on the
morning of June 23, 1967. By the end of the night,
snow was practically all melted on the site. The
above this situation, snow is still relatively heavy, and
an early spring.

Location of Quarters in Travel: Visitors entering Yellowstone
National Park during June 1967, and visitors entering
the park during 1967. This is a 2.5 percent increase in travel
as compared to June 1966.

Visitors entering the park during 1967, and this was in
comparison to 1966 June 1967. This is about a 2.5 percent increase.

Due to the various road closures on the Beartooth Highway, travel
through the western entrance was slow.

Automobile travel recorded at the west entrance was increased
approximately 7 percent compared to June 1966. Vehicle entrance
the south entrance in June totaled 22, 1967.

East entrance travel has increased 8 percent compared to last year.

Travel through the west entrance decreased in 1967.

Visitors: Visitors from 13 western states visited the site and
attended the eastern entrance, compared to 1967 following
June 23 through 25.

19. Mutual visits from the mt. house (west) entrance (east entrance)
discussed various points and activities in the national park - for
the biological and the interpretive program during the month.

Special Activities: This year longer stay attracted the visitors
at the education convention in Great Falls, Montana on June 2
through 4. The Convention's focus of "Open Access" was especially
followed by hearing of and learning about various subjects dealing with
our environment.

On June 4, Biologist Barmore presented an illustrated talk on wildlife management problems in Yellowstone to 28 wildlife students from Colorado State University. Dr. Ronald Ryder, Professor of Wildlife Management, was in charge of the group. The one hour talk was followed by a stimulating two hour question and answer period. The group was taken on a half day tour of the Northern Yellowstone winter range on June 5, to examine habitat conditions and range study plots.

The Assistant Superintendent (Opr), Acting Assistant Superintendent (SS), Chief of Park Maintenance, Chief Park Ranger, and various concessioner personnel were guests of the Cody Club in Cody, Wyoming, on June 5 for a luncheon. The purpose of the gathering was to establish harmonious relationships between the Park, businessmen, concessioner personnel, etc.

On June 8, Biologist Barmore, Field Research Biologist Cole, and Chief Park Ranger Estey attended the annual interagency meeting of signatories to the Cooperative Management Plan for the Upper Gallatin elk herd. Data was presented on forage utilization and elk use inside the Park last winter. A summary of the meeting prepared by Mr. John Venrick, U. S. Forest Service, was received.

Members of the Yellowstone Park staff attended the annual interagency meeting of signatories to the Cooperative Management Plan for the Northern Yellowstone Elk Herd and its Habitat, held at Bozeman, Montana, on June 15. This was followed by a public meeting at Mammoth on June 16. At both meetings, Biologist Barmore discussed results of the March 1967 aerial wildlife census, and the proposed 1967-68 Management Program for the Northern Yellowstone Elk Herd.

On June 23, a meeting was attended by the Park Forester, Chief Park Ranger, and the Smokejumper Squadleader to discuss various details of the West Yellowstone Interagency Fire Control Center operation. The meeting was held in West Yellowstone with personnel from the Gallatin National Forest and the U. S. Forest Service, Northern Region.

On June 23, the Chief Park Ranger, along with the West District Ranger, West Yellowstone Sub-District Ranger, and Old Faithful Sub-District Ranger, attended a meeting in West Yellowstone at the Stage Coach Inn. The meeting was held with the Montana State Highway Patrol and the Montana National Guard to discuss the visit by the various governors, etc., attending the Western Governors' Conference at West Yellowstone, June 25 through 28.

On June 26 and 28, Old Faithful personnel were placed on overtime due to a luncheon meeting of the Western Governors' Conference at the Old Faithful Inn. Several Rangers from other districts and the Blister Rust Control crews were also on duty at Old Faithful on the 26th when extra security measures were needed during the Governors' tour of Old Faithful. Special crowd, riot, and traffic control training was given to these men shortly before this assignment.

On June 2, Biologist Robert [Name] and I left for [Location] to conduct a survey of the [Location] area. The survey was conducted in the [Location] area, and the results are as follows: [Details of survey results]

The Assistant Superintendent (AS), [Name], and I conducted a survey of the [Location] area on June 3. The survey was conducted in the [Location] area, and the results are as follows: [Details of survey results]

On June 4, Biologist Robert [Name] and I left for [Location] to conduct a survey of the [Location] area. The survey was conducted in the [Location] area, and the results are as follows: [Details of survey results]

Members of the Yellowstone Park staff attended the [Location] meeting on June 5. The meeting was held in the [Location] area, and the results are as follows: [Details of meeting results]

On June 6, a meeting was attended by the [Location] staff and the [Location] staff. The meeting was held in the [Location] area, and the results are as follows: [Details of meeting results]

On June 7, the Chief Park Ranger, [Name], and I left for [Location] to conduct a survey of the [Location] area. The survey was conducted in the [Location] area, and the results are as follows: [Details of survey results]

On June 8, the [Location] staff and I left for [Location] to conduct a survey of the [Location] area. The survey was conducted in the [Location] area, and the results are as follows: [Details of survey results]

Six Rangers from Yellowstone were dispatched to Grand Teton National Park to assist with security measures during the Republican Governors' Conference held June 28 through July 1.

On June 28, Biologist Barmore discussed wildlife management and examined portions of the Northern Yellowstone winter range with Dr. Joseph Murphy and eight graduate students in zoology from Brigham Young University.

ADMINISTRATION

Personnel: Park Ranger Larry Hays entered on duty June 3 to be in charge of the North Entrance; Charles A. Lamb entered on duty June 4 as the Park Ranger at South Entrance; and Frederick T. Anderson entered on duty June 18 as Law Enforcement Officer.

Ranger Lynn Thompson departed for Washington, D. C., and a concession management position. Ranger Gary Brown assumed the newly established position as the ~~West Thumb~~ Grant Village Sub-District Ranger.

Rangers Frederick T. Anderson and Gary N. Brown were presented with valor awards June 8 in Washington, D. C., for rescues performed while in Yosemite National Park.

Training: On June 6, the Sub-District Ranger at Canyon assisted District Ranger Nuss in presenting "You as a Law Enforcement Officer" to the incoming group of Rangers and Naturalists during their orientation trip around the Park. The orientation program for seasonal Rangers and Naturalists was held June 6 through 8.

Training was the highlight of the month's activities for the Blister Rust Control crew and also for the Fire Control Aids. The Fire Control Aid training conference was held June 12 through 20.

Safety and Health: Fifty-seven motor vehicle accidents occurred in June. A total of 82 motor vehicle accidents have been reported and investigated for the year through June.

On June 22, a man was charged and gored by a bull bison on Fountain Flats.

An unusual accident occurred at Steamboat Point on June 26. Two buffalo charged a vehicle in the middle of the road and one of them lifted the car off the ground doing considerable damage. The occupants were not injured.

Seasonal Ranger Eldred Ferguson suffered a heart attack on June 22 while on duty at the West Entrance.

Six Rangers from Yellowstone were assigned to assist during the summer security conference held June 22 through July 1.

On June 26, biologist workers assigned wildlife management and protection duties of the Northern Yellowstone along with Dr. Johnson and eight graduate students in zoology from other local universities.

ADMINISTRATIVE

Personnel: Park Ranger Larry Hays entered on duty June 27 at 10 o'clock at the North Entrance; Charles A. Lane entered on duty June 28 at the North Entrance; and Frederick T. Peterson entered on duty June 29 as Law Enforcement Officer.

Ranger Lynn Thompson departed for his infant, T. C., and a kindergarten position at the ~~Grand Village~~ Grand Village, Two-District Ranger.

Rangers Frederick T. Peterson and Gary A. Brown were assigned to assist on duty June 8 in assisting D. G. for rescue operations with a juvenile National Park.

Training: On June 8, the sub-district Ranger of Grand Village District of Yellowstone was in training for a law enforcement officer. The incoming group of Rangers and Naturalists were trained in the Grand Village area. The original program for seasonal workers was held on June 8 through 10.

Training was the highlight of the summer's activities for the staff. Just control over and after the Grand Village. The Yellowstone National Park training conference was held June 22 through 24.

Activity and Fuel: Fifty-seven motor vehicles were used throughout the park. A total of 12 motor vehicle accidents have been reported and investigated for the year through June.

On June 22, a man was charged and fined by a full officer in Ketchikan Park.

An unusual accident occurred at Grand Village on June 26. A motor vehicle was involved in the middle of the road on the Grand Village. The accident occurred on the Grand Village. The accident occurred on the Grand Village.

General Superintendent Johnson will have a next report on June 27 which will be out of the West Entrance.

CONSERVATION, INTERPRETATION & USE

Protection: A total of 105 law enforcement incidents occurred during the month as compared to 81 for June 1966.

Larcenies	33
Motor Vehicle & Grand Larceny & AWOL	2
Burglarles	2
Attempted Burglary	1
Sulcide	1
Court Hearings	7
Appearance Bonds	59

Entrance stations went on 24 hour schedule June 15.

The old Gardiner road was closed from dark to dawn effective June 27. The Bunsen Loop road was also closed during this same period of time. The Upper Terrace Loop road was closed from dark to dawn effective June 30.

James R. Willig, a service station employee at Fishing Bridge, was reported lost on June 18. Numerous man hours were spent checking trail-head registers and hiking trails to find some trace of him. On June 24 he called from Los Angeles indicating he had hitchhiked there from the Park.

On June 16 two fishermen were assisted out of the Canyon and later bonded for illegal climbing in the Canyon. One had suffered a tumble of 50 feet into the river but was uninjured.

On June 25, the small son of a family camped at Lewis Lake was reported missing. Investigation and prelliminary search operations were begun immediately. The boy, David Shanahan, was found in the vicinity of the Lewis Lake campground. Approximately 240 man hours of Blister Rust Control time was devoted toward this search. The organized efforts of these crews contributed a great deal toward the successful conclusion of this search.

On June 9, a National Park Service laborer committed suicide by shooting himself. The investigation was conducted with the assistance of Harry Croon, Special Agent, Federal Bureau of Investigation.

Numerous foot and vehicle patrols have been made in the South District to cover the Yellowstone River while it is closed to fishing. The new "Closed to Fishing" signs have been a great help in keeping illegal fishing to a minimum. As compared to last year, bonds for fishing in closed waters are very few.

Boat patrols began on June 19. Forty-five hours of patrol were maintained during this period with 227 boaters and 103 boats contacted.

CONFIDENTIAL INVESTIGATION & REPORT

Protection: A total of 103 law enforcement incidents occurred during the month as compared to 81 for June 1967.

23	Larcenies
10	Motor Vehicle & Grand Larceny & Theft
3	Burglaries
1	Attempted Burglary
1	Suicide
2	Court Hearings
23	Appearance Dates

Lawrence Station was on duty throughout June 13.

The old building road was closed from 10:00 AM to 12:00 PM on June 13. The main road was also closed during this time period of time. The other three entrances were closed from 10:00 AM to 12:00 PM.

James A. Miller, a service station employee at Fishing Bridge, was reported lost on June 13. Numerous men were seen near the fishing boat registers and during trail to the boat house at 10:00 AM. He called from Los Angeles indicating he had identified men near the boat house.

On June 13 two fishermen were arrested on the main and later released for illegal fishing in the harbor. One was sentenced to 30 days in jail and the other was fined.

On June 13, the small boat in front of the boat house was damaged. Investigation and evidence were gathered and the boat was towed to the boat house. The boat was damaged and the boat was towed to the boat house. The boat was damaged and the boat was towed to the boat house.

On June 13, a National Park Service patrolman reported a boat in the harbor. The investigation was conducted with the assistance of the Oregon State Police, Federal Bureau of Investigation.

Several boat and vehicle accidents have occurred in the harbor during the month. The Yellowstone River will be closed to fishing. The main "Close to Fishing" sign has been a great help in keeping illegal fishing to a minimum. As compared to last year, more boats are being closed waters are very few.

Boat patrols began on June 13. Forty-five hours of patrol were maintained during this period with 221 arrests and 103 boats contacted.

Resource Studies: On June 12, Dr. John Craighead and Dr. Frank Craighead discussed, with members of the Yellowstone staff, results of their grizzly bear research (YELL-N-7) and their plans for continuing their work under grants totaling \$33,000 from the National Science Foundation and the Atomic Energy Commission. The problem of providing housing and laboratory facilities was discussed as was the need for a Memorandum of Understanding covering future grizzly bear research. The Craigheads submitted a draft copy of management recommendations for grizzly and black bears to the Superintendent for review.

Wildlife and Fish Cultural Activities: The Wyoming Game and Fish Wardens banded geese on Turbid Lake on June 24 and 25. Dr. Kenneth Diem was transported into the Southeast Arm of Yellowstone Lake where he made a count of nesting birds on the Molly Islands from a canoe.

One bear known as the "Cruncher" has been taking up numerous man hours in attempts to drug, trap, and kill because of his activities in the Fishing Bridge Hamilton Trailer Village. This animal rips thin-gauge garbage cans as if they were made of paper.

Forest Fire Protection: All Fire Control Aids are at their respective duty locations, all lookouts are manned, and the West Yellowstone Interagency Fire Control Center is at full strength except for the Cessna 206, which will be in July 6.

Building Fire Protection: Two structural fires were reported, both of which were in concession installations. One was a fire in a cabin at Fishing Bridge caused by using gasoline to start a stove fire. The other was at Old Faithful caused by a short in a high voltage line.

Insects and Tree Diseases: Blister Rust Control activities were practically nil because of training and emergency callups. The evaluation survey crew is going strong and will not be available for other activities except in cases of extreme emergency.

Elk Management: A great deal of time was spent preparing for interagency and public meetings on management of the Northern Yellowstone and Upper Gallatin elk herds. This included tabulating data on herd sex and age composition and productivity for use in determining herd reduction requirements for the Northern Yellowstone elk herd. Summaries were prepared of the interagency and public meetings on management of the Northern Yellowstone elk herd.

A detailed report of the March helicopter wildlife census was prepared and submitted to the Midwest Regional Office.

Some time was spent preparing a detailed analysis of the comparative costs of the various elk herd reduction methods last winter.

Research Summary: On June 12, Dr. John H. Johnson and Dr. H. H. Johnson visited the laboratory of the Yellowknife State, Ontario, of their field research (YEL-17) and their field notes and their work notes totaling \$2,000.00 from the National Science Foundation and the Ontario Energy Commission. The material included notes and laboratory facilities were discussed as well as the memorandum of the meeting covering their district work. The material included a draft copy of proposed recommendations for drilling and block work to the Department of Energy.

YEL-17 and YEL-18: The YEL-17 and YEL-18 were conducted in the area of the Yellowknife State, Ontario, and were reported into the Department of Energy. The material included a draft copy of proposed recommendations for drilling and block work to the Department of Energy.

The Department has been taking an increasing interest in the YEL-17 and YEL-18, and will discuss of his activities in the field. The material included a draft copy of proposed recommendations for drilling and block work to the Department of Energy.

YEL-19: All the material included in this report, including YEL-19, YEL-20, YEL-21, and YEL-22, were reported into the Department of Energy. The material included a draft copy of proposed recommendations for drilling and block work to the Department of Energy.

YEL-23: The material included in this report, including YEL-23, YEL-24, and YEL-25, were reported into the Department of Energy. The material included a draft copy of proposed recommendations for drilling and block work to the Department of Energy.

YEL-26: The material included in this report, including YEL-26, YEL-27, and YEL-28, were reported into the Department of Energy. The material included a draft copy of proposed recommendations for drilling and block work to the Department of Energy.

YEL-29: A great deal of time and effort was spent in the laboratory of the Yellowknife State, Ontario, and the material included in this report, including YEL-29, YEL-30, and YEL-31, were reported into the Department of Energy. The material included a draft copy of proposed recommendations for drilling and block work to the Department of Energy.

A detailed report of the work done in the laboratory of the Yellowknife State, Ontario, and the material included in this report, including YEL-32, YEL-33, and YEL-34, were reported into the Department of Energy.

and this was spent in the laboratory of the Yellowknife State, Ontario, and the material included in this report, including YEL-35, YEL-36, and YEL-37, were reported into the Department of Energy.

Bear Management:

Roadside-Public Use Area Trend Count

<u>Date</u>	<u>District</u>	<u>Number of Bears</u>			
		<u>1967</u>	<u>1966</u>	<u>1965</u>	<u>1964</u>
6/ 7	North	6	13	10	13
	South	5	4	12	10
	West	<u>5</u>	<u>12</u>	<u>7</u>	<u>5</u>
	Total	16	29	29	28
6/14	North	11	12	10	9
	South	3	13	11	10
	West	<u>1</u>	<u>6</u>	<u>5</u>	<u>15</u>
	Total	15	31	26	34
6/21	North	9	25	13	10
	South	11	12	16	12
	West	<u>3</u>	<u>6</u>	<u>14</u>	<u>10</u>
	Total	23	43	43	32
6/28	North	11	19	13	7
	South	5	9	7	12
	West	<u>5</u>	<u>11</u>	<u>9</u>	<u>15</u>
	Total	21	39	29	34

Bear Incidents:

	<u>6/67</u>	<u>6/66</u>	<u>6/65</u>	<u>6/64</u>
Injuries	11	11	6	3
Damages	23	49	33	11
Bears Killed:				
Control	3	1	2	0
Accident	2	5	1	0
Shipped to Zoos	3	0	2	0

By the end of June many comments were being received about the scarcity of bears along roadsides. The reason for this is not known, but the late spring may be partially responsible. Census figures for June 1967 are about the same as for May 1966. Extremely lush vegetation may also have something to do with the dispersal of bears away from roadsides. It is unlikely that our control operations last year or so far this summer have any relationship to the scarcity of bears along roads.

Roanoke-County, Virginia

Date	District	Amount of Fertilizer	
		(1951)	(1952)
1/1	North	13	13
1/2	South	4	4
1/3	West	12	12
1/4	Total	29	29
1/5	North	12	12
1/6	South	13	13
1/7	West	6	6
1/8	Total	31	31
1/9	North	12	12
1/10	South	12	12
1/11	West	6	6
1/12	Total	30	30
1/13	North	11	11
1/14	South	11	11
1/15	West	6	6
1/16	Total	28	28
1/17	North	11	11
1/18	South	11	11
1/19	West	6	6
1/20	Total	28	28

Other Districts

District	1951	1952	1953	1954
North	11	11	11	11
South	11	11	11	11
West	6	6	6	6
Total	28	28	28	28

by the end of June many growers were being notified about the availability of fertilizer. The reason for this is that many of the growers who are going to be fertilizing their crops are now in the market for fertilizer and about the time of the year when they are most likely to be notified. It is unlikely that the fertilizer will be available for a long time. There are very few fertilizer plants in the country and the fertilizer is being used very rapidly.

Concessioners: On the 14th, Canyon area concessioners had a "get-together" held at the Canyon Ranger Station. Managers of the Lodge, Hamilton's Store, and the service station at Canyon, as well as their key assistants, met to discuss mutual problems. Messrs. Bazata, Sigrist, Estey, Nuss, and Clay were also present.

Complaints: Various complaints were received during June regarding food served in the concessioner facilities, high price of visitor facilities, service station service, noise in campgrounds, etc. Verbal complaints were received concerning the Beartooth Highway. The local Silver Gate-Cooke City people were unhappy with the extent to which the Beartooth was closed. The visitors were unhappy with the driving conditions on the high road during storms and with the "lack" of signs in the Park telling them that the Beartooth was closed.

(Sgd) Harold J. Estey

Harold J. Estey
Chief Park Ranger

cc:  Superintendent

Conclusion: In the first part of the report, the author discusses the importance of the study and the objectives of the research. The author also discusses the methodology used in the study and the results of the study. The author concludes that the study has shown that the use of the proposed method is effective in reducing the number of errors in the data.

References: The author has cited several references in the report. These references include books, articles, and reports. The references are listed in the following order: 1. Smith, J. (1998). The importance of data quality. 2. Jones, M. (2001). The impact of data errors on business performance. 3. Brown, K. (2003). The role of data in decision making. 4. White, L. (2005). The benefits of data analysis. 5. Black, N. (2007). The challenges of data management. 6. Green, P. (2009). The future of data science. 7. Gray, Q. (2011). The ethics of data collection. 8. Hall, R. (2013). The impact of data on society. 9. King, S. (2015). The role of data in the digital age. 10. Lee, T. (2017). The importance of data security. 11. Miller, U. (2019). The future of data privacy. 12. Wilson, V. (2021). The impact of data on the environment. 13. Young, W. (2023). The role of data in the metaverse. 14. Zhang, X. (2025). The future of data in the 21st century.

Dr. J. Smith
Department of Business
University of London

cc: SearchIntendant



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Yellowstone National Park, Wyoming 83020

IN REPLY REFER TO:

July 13, 1967

N2615

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly Narrative Report, Interpretation, June 1967

Interpretive Services and Planning:

South District:

Fishing Bridge Museum (Opened June 1)

Hours: 8am - 12;	1pm - 5pm	June 1-8
8am - 8:30 pm		June 9-14
8am - 9:30 pm		June 15 to end of season

Grant Village Museum (Opened June 1)

Hours: 8am - 12;	1pm - 5pm	June 1-8
8am - 5pm		June 9-14
8am - 8:30 pm		June 15-17
8am - 9:30 pm		June 17 to end of season

Canyon Visitor Center

Extended hours 8 am. - 9:30 pm. June 11)

Campfire Program	June 11
Mud Volcano (roving duty)	June 12
Campfire Program - Fishing Bridge	June 15
Canyon Rim Walk	June 15
Campfire Program - Bridge Bay	June 20
Campfire Program - Grant Village	June 20
Clear Lake Walk	June 20
Storm Point Walk	June 20
West Thumb Nature Walk	June 21
Elephant Back Hike	June 27

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE
 (Department Building) 2000 ...



APR 22, 1964

IN REPLY REFER TO:
 44-1588

MEMORANDUM

TO: Superintendent

FROM: Chief Park Scientist

SUBJECT: Wildlife Research and Management, Interpretation, and Education

Wildlife Research and Management

South District

Wildlife Research and Management (South District)

North: Jan - 11; Feb - 10
 Mar - 8; Apr - 7
 May - 6; Jun - 5
 Jul - 4; Aug - 3
 Sep - 2; Oct - 1
 Nov - 1; Dec - 1

South District (South District)

North: Jan - 11; Feb - 10
 Mar - 8; Apr - 7
 May - 6; Jun - 5
 Jul - 4; Aug - 3
 Sep - 2; Oct - 1
 Nov - 1; Dec - 1

Wildlife Research and Management

Wildlife Research and Management (South District)

Jan 11	Wildlife Research and Management
Jan 10	Wildlife Research and Management
Jan 9	Wildlife Research and Management
Jan 8	Wildlife Research and Management
Jan 7	Wildlife Research and Management
Jan 6	Wildlife Research and Management
Jan 5	Wildlife Research and Management
Jan 4	Wildlife Research and Management
Jan 3	Wildlife Research and Management
Jan 2	Wildlife Research and Management
Jan 1	Wildlife Research and Management
Dec 31	Wildlife Research and Management
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Dec 4	Wildlife Research and Management
Dec 3	Wildlife Research and Management
Dec 2	Wildlife Research and Management
Dec 1	Wildlife Research and Management

Bay Village

The following delays were experienced due to inadequate staffing and weather conditions:

Campfire Program - Canyon (scheduled 6/7; began 6/11 due to weather and staffing)
Canyon Rim Walk (scheduled 6/12; began 6/15 due to wet conditions; South Canyon Rim used)
Clear Lake Walk (scheduled 6/15; began 6/20 due to wet conditions; Cascade Lake Trail substituted)
Mt. Washburn Hike (scheduled 7/1; began 6/28 but due to snow conditions hikes terminated before reaching summit)

Expansion of the Fishing Bridge Amphitheater seating began June 28. An improved fire pit and regravelling will be included in the restoration process.

West District: All announced activities for the West District were in operation by the end of the month. Starting dates were:

Norris Walks 6/16; museum (8-12;1-5 6/3 8am-6pm 6/18)

Madison Junction museum (8-12;1-5 6/9 8am-5pm 6/18)

Monument Geyser Basin Hike	June 20
Old Faithful Campfire Program	June 17
Old Faithful Visitor Center	June 11 (8 am-8:30 pm)
Black Sand Basin Walks	June 18
Pocket Basin Hike	June 19
On-site roving duty	June 11

The on-site duty began at Fountain Paint Pot and Geyser Hill, and was expanded to include duty at Biscuit Basin, Midway Geyser Basin and the Oblong-Riverside area when possible with available personnel. It is planned to have on-site interpretation where the action is; e.g., at an eruption of Riverside or Grand, in order to contact the visitors while they are waiting for the eruption and their interest is high.

In Service Training:

Assistant Chief Park Naturalist Canter accompanied new seasonal rangers and naturalists on an orientation tour of the Park on June 7 and 8. June 6 was spent in Mammoth. The group traveled in a chartered Yellowstone Park Company bus, remaining overnight at Lake on the 7th and returning to Mammoth the afternoon of the 8th.

The following table shows the number of persons in each of the following categories:

Category	Number
Persons in the family	100
Persons in the household	100
Persons in the community	100
Persons in the country	100
Persons in the world	100

The following table shows the number of persons in each of the following categories:

Persons in the family, household, community, country, and world.

Persons in the family, household, community, country, and world.

Persons in the family, household, community, country, and world.

Category	Number
Persons in the family	100
Persons in the household	100
Persons in the community	100
Persons in the country	100
Persons in the world	100

The following table shows the number of persons in each of the following categories:

Persons in the family, household, community, country, and world.

Persons in the family, household, community, country, and world.

A one-day training program for new seasonal interpretive personnel was held on June 14. The morning session held at Canyon included talks by the Chief Park Naturalist, South and West District Naturalists, and the Electronics Technician. In the afternoon the group traveled to Lake, where seasonal naturalist Robert J. Jonas took them on the Storm Point walk. Evening sessions were held at Canyon.

A training session for North District naturalists was held from 3-5 on June 23.

On June 19 Ben Ladd, Park Ranger, discussed law enforcement in the Old Faithful area.

On June 25 Donald E. White and Robert O. Fournier, U. S. Geological Survey personnel led a discussion at Old Faithful on theories about geyser action.

Personnel:

The following seasonal personnel entered on duty in the Interpretive Division during June:

North District:

William L. Baker	June 15
Samuel R. Holbrook	6/5
Jerome (Jerry) Kasten	6/10
Arthur Nash	6/2
Richard K. Schroeder	6/19
Richard C. Townsend	6/9

South District:

Oscar Alm	6/12
Noel Ary	6/6
Michael Bonnel	6/6
George Downing	6/10
Gene Gray	6/6
Bernard Hillyer	6/12
Robert Jonas	6/13
Arthur Kidwell	6/16 (due to eod 6/13 - in auto accident near Craters of the Moon National Monument)
Lawrence Marcott	6/12
Charles Nelson	6/6
David Patterson	6/5
William Palmer	6/6
Richard A. Scott	6/12
Edward Thomas	6/9
Milan Trbovich	6/5
Frank Walker	6/1 Steve Wilson 6/1

A one-day training program for new selected individuals is scheduled to be held in June 1964. The training session will be held at the University of the South Pacific, Suva, and will be conducted by the Director of the Institute. In the afternoon the new recruits will have a dinner with the Director. A total of 150 new recruits will be selected for the program.

A training session for 1000 selected individuals was held from 15 to 20 June 1964.

On June 15, 1964, 1000 selected individuals were selected for the program.

On June 23, 1964, a total of 1000 individuals were selected for the program.

Personnel:

The following personnel personnel are assigned to help in the program. Division Office:

North Division:

William J. Jones	611
James E. Johnson	612
James (Tony) Jones	613
James Jones	614
Robert F. Johnson	615
Richard E. Johnson	616

South Division:

Robert Jones	617
John Jones	618
George Jones	619
James Jones	620
Robert Jones	621
James Jones	622
Robert Jones	623
James Jones	624
Robert Jones	625
James Jones	626
Robert Jones	627
James Jones	628
Robert Jones	629
James Jones	630
Robert Jones	631
James Jones	632
Robert Jones	633
James Jones	634
Robert Jones	635
James Jones	636
Robert Jones	637
James Jones	638
Robert Jones	639
James Jones	640

West District:

George A. Algard	6/26
Paul E. Ausum	6/19
Jerry J. Bromenshenk	6/5
Luke E. Dalton	6/16
Kathleen G. Downey	6/5
Robert D. Hahn	6/5
Sandra J. Krause	6/5
Edwin E. Leigh	6/1
Robert W. Lesser	6/6
James L. Lenertz	6/5
William J. Lewis	6/12
Kelly F. Motherspaugh	6/26
Stanley A. Read	6/5
Frank D. Rentchlar	6/19
David P. Viega	6/17

Roger C. Wegner terminated, c.o.b. 6/24 to go to the Intake Training Session at Albright Center, Grand Canyon. Jack R. Parker transferred to the Ranger Division 6/25 and is stationed at West Entrance.

On June 8 Secretary of the Interior Stewart L. Udall presented the Distinguished Service Award to Park Naturalist George D. Marler in recognition of his long career with the National Park Service and for his contribution to the study of thermal features in Yellowstone.

Yellowstone Library and Museum Association:

Bookroom Clerk Geri Hape worked a total of 158-1/2 hours during the month.

Clarice Forsness entered on duty June 5 as seasonal librarian at a salary of \$1.84 per hour, and worked a total of 80 hours during the month.

Two books were accessioned during the month; there were 30 users of the library.

Mud Volcano self-guiding booklet dispenser was broken into late Friday, June 23 or early Saturday, June 24. The dispenser was emptied at 4:30 p.m. and it is estimated that very little money was lost in the theft. In the West District the cash boxes at the trail guide dispensers were robbed on three different occasions - 6/9, 6/23 and 6/28. Black Sand Basin was skipped each time. Entry was made by forcing the locks. New locks will be installed in an effort to prevent future occurrences of thefts and the locks, money and leaflets will all be removed at dark and replaced the following morning.

INDEX

178	James A. Baker
179	John A. Burt
180	Walter B. Gage
181	John A. Galt
182	William B. Galt
183	Robert A. Galt
184	James A. Galt
185	John A. Galt
186	William A. Galt
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200	William A. Galt

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APPENDIX

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The visitor centers and museums receive several complaints daily about the mini-folder. The principal complaint is that the roads do not show up on the map - places referred to in the text are not shown on the map e.g., Fishing Bridge and Grant Village. Complaints have also been received from visitors about having to pay for the brochure.

Special Activities:

On June 2 Chief Park Naturalist Good traveled to Rawlins, Wyoming where he presented a talk at the 21st Annual Convention of the Wyoming Wildlife Federation on June 3. He returned to the Park on June 4.

John M. Good, Chief Park Naturalist, spent June 5 and 6 and the morning of the 7th in the field with Wallace R. Hansen, Geologist, Engineering Geology Branch, U.S. Geological Survey, Denver, Colorado inspecting proposed construction sites and the geological structure along the Mammoth-Gardiner road.

On June 10 Chief Park Naturalist Good presented a talk, "Visitor Uses in Yellowstone" to members and guests of the Montana Wilderness Association at an evening banquet in Billings, Montana. He also attended the breakfast meeting of the Association the following morning and returned to Mammoth late the afternoon of June 11.

On June 12 Mr. M.L.A. Scott, Altec Service Corporation, 1515 Manchester Avenue, Anaheim, California gave a demonstration of a XENON Carousel.

The Chief Park Naturalist spent portions of June 21 and 22 in the field with Herb Weitman, Photographic Service, St. Louis University, St. Louis, Missouri.

On June 29 Park Naturalist Aubrey L. Haines gave a slide talk, "A Postcard Tour of the Yellowstone" to student ministers who will be conducting religious services in the Park this season. This was part of the staff orientation program sponsored by A Christian Ministry In the National Parks.

On June 29 Chief Park Naturalist Good met with Dr. Joseph R. Murphy, Associate Professor, Zoology, Brigham Young University, Provo, Utah and a group of his graduate students to discuss the interpretive program in Yellowstone.

On June 27 Assistant Chief Park Naturalist Canter met with Mr. Muhamad Masud Rana, Divisional Forest Officer, Jauharabad, Government of West Pakistan, Department of Agriculture (Forests) (Forestry), Lahore, Pakistan and with Mr. Hameed Ahmad. They are in the United States under the AID program to study wildlife management, interpretation, visitor services and facilities and other aspects of Park management.

The status of the various units and their respective responsibilities with regard to the work of the various units. The work of the units is to be organized in the following manner: ...

General Principles:

On June 2, 1953, the various units were organized into a formal structure. The work of the units is to be organized in the following manner: ...

John A. Doe, Chief of the Geological Unit, reports that he and the staff of the unit are currently working on the field with William E. Brown, Professor of the Department of Geological Engineering, University of California, Berkeley. The work of the unit is to be organized in the following manner: ...

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Visitors to the Interpretive Division during the month were:

John Dumeyer, Ground Water Hydrology Div., USGS, Cheyenne	6/1
Paul Schmidt, USGS	6/2
Victor Jackson, Asst. Chief Park Naturalist, Grand Teton	6/7
Wallace R. Hansen, Engineering Geology Branch, USGS, Denver	6/5-6-7
Earl L. Hilfiker, 284 Somershire Dr., Rochester, NY (Audubon speaker - in Park to photograph wildlife & birds)	6/7
Jerry Wood, Aztec Ruins National Monument	6/9
Harry A. Waldrop, USGS	6/9
M.L.A. Scott, Altec Svc. Corporation, 1515 Manchester Avenue, Anaheim, California (projection equipment)	6/12
John Affriol & Associates - Etcetera Film Inc., 29 W. 56th St., NY	6/12
Ted Ogeton, Wapiti, Wyoming (former Yellowstone ranger)	6/13
Dr. Kent H. McKnight, Agricultural Research Div., USDA, (Beltsville, Maryland)	6/14
Dr. Arthur L. McDonald, Psychology Department, MSU, Bozeman	6/16
Dr. Richard Blank, USDS, Menlo Park, California	6/19
Ed Cox, Ground Water Hydrology Div., USGS, Cheyenne	6/19, 23
Dr. Erling Dorf, Geology Professor, Princeton University	6/20
Robert L. Christiansen, USGS, Denver	6/20
Dr. Herb Weitman, Photographic Svc., St. Louis Univ.	6/21, 22
Richard Rogers, St. Louis University	6/24
Messrs. Harry Smedes, Richard Micklin & son, USGS, Denver	6/22, 26
John Flannery, Official Park Photographer, YP Co.	6/19
Joseph R. Murphy, Brigham Young University, Provo, Utah	6/29

Research and Observation:

Dr. Arthur L. McDonald, Psychology Department, Montana State University, Bozeman, Montana conferred with Chief Park Naturalist Good on June 16 to discuss his research proposal on evaluation of the Yellowstone interpretive program in relation to visitor reaction. The Chief Park Naturalist conferred with Dr. McDonald at Bozeman on June 29 regarding the same subject. Dr. McDonald's proposal will be submitted to the Washington Office for approval.

Wildlife:

On June 29 Chief Park Naturalist Good and Assistant Chief Park Naturalist Canter observed a Gray fox on the road bank near Blacktail Lakes. He was standing close to the road where the car headlights illuminated him. The pelage was very light with no pronounced variations in color between back and legs.

LaConte's Sparrow and Mockingbird, species not on the Park records, were observed in Black Sand Basin 6/16 by Sandra Krause, Ranger Naturalist (seasonal).

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Development and Conservation

The State of Utah is a vast, beautiful, and fertile land. It is rich in natural resources and has a long history of development and conservation. The State has a large area of land that is still in its natural state, and it is our duty to preserve it for the benefit of future generations. We must protect our forests, our parks, and our wildlife. We must also develop our land in a responsible and sustainable manner, so that we can enjoy the fruits of our development for many years to come.

Education

Education is the key to a bright future. It is the foundation upon which we build our lives and our communities. We must ensure that every child in our State has access to a quality education. We must invest in our schools and our teachers, so that they can provide the best possible learning environment for our students. We must also encourage our students to pursue higher education and to develop their talents and abilities to the fullest.

Health and safety are also important concerns for our State. We must ensure that our citizens have access to the best possible medical care and that our workplaces are safe and healthy. We must also encourage our citizens to take responsibility for their own health and safety, and to live a healthy and active lifestyle.

Collecting Permits:

The following collecting permits were approved during the month:

Noel G. Ary (employee)- Kansas State Teachers College, Emporia	plants	6/27
Jack W. Barker, Ft. Hays St. College, Hays, Kansas	insects	6/21
Dr. Erling Dorf, Princeton University, Princeton, NJ	rocks-minerals	6/20
John F. Flenniken-Winterville Sr. Hi-Bloomingsdale, Ohio	plants-insects	6/6
Edwin E. Leigh (employee) Cedar City, Utah Highschool	plants	6/6
Wm. C. Luth, Mass. Inst. of Tech-Cambridge, Mass.	rocks-minerals	6/22
Ted Major-Jackson School District, Jackson, Wyo.	plants	6/23
Dr. Kent H. McKnight, USDI, Baltimore, Md.	fungi	6/14
Dr. Lewis T. Nielsen, U. of Utah, Salt Lake City	insects	6/12
Dr. Duncan T. Patten-Arizona St. U., Tempe, Arizona	plants, rocks, soil	6/23
Merlin Shoemith, U. of Montana, Missoula	small mammals (snaptrap)	6/16
Dale L. Taylor, U. of Wyoming, Laramie	plants, insects	6/16
Alan Woolf, Colo. St. Univ., Ft. Collins, Colo	plants	6/12

Seismograph:

The seismograph at Lake is still inoperative. Madison Junction seismograph was serviced June 9 and that installation and the one at Northeast Entrance are operating satisfactorily.

Research and Observation:

During June geyser activity followed essentially the same pattern as during May. None of the long dormant geysers erupted.

STEAMBOAT erupted on June 16 at 6:40 a.m.

Beehive erupted four times during the month. Visitors report that Imperial Geyser is in continuous eruption as it was last year. Oho Caliente erupted several times to 6-8 feet during the early morning of 6/29.

Thirty five eruption intervals were checked on Riverside during June. The average time was 6 hours and 18 minutes; the maximum 6 hours and 47 minutes on June 13; the shortest interval 6 hours and 12 minutes on June 21.

During June 25 eruption intervals were determined on Grand. The maximum was 13 hours and 12 minutes; the minimum 6 hours and 15 mins.; the average 9 hours and 14 minutes.

During the month 31 eruption intervals were checked on Castle. The average time was 8 hours and 58 minutes; the extremes were 10 hours and 3 minutes and 8 hours and 34 minutes.

CONFIDENTIAL

The following information is being provided to you for your information only.

1. Name	John Doe
2. Address	123 Main Street, New York, NY 10001
3. Telephone	(212) 555-1234
4. Date of Birth	01/01/1950
5. Sex	Male
6. Height	5'10"
7. Weight	180 lbs
8. Hair Color	Brown
9. Eye Color	Blue
10. Occupation	Software Engineer
11. Education	B.S. in Computer Science
12. Marital Status	Single
13. Children	None
14. Social Security Number	123-45-6789
15. Driver's License	NY 123456789
16. Vehicle Registration	NY 123456789
17. Current Employer	ABC Corporation
18. Previous Employers	XYZ Corporation, PQR Corporation
19. Criminal Record	None
20. Credit History	Good
21. Financial Status	Stable
22. Health Status	Good
23. Mental Health	Stable
24. Substance Use	None
25. Other Information	None

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During most of June Cliff Geyser erupted at least twice each day.

Beehive was known to have erupted four times in June. So far this season an eruption of Beehive has been followed by another one on the following day.

Clepsydra continues to erupt steadily with resultant dormancy of Fountain and Morning. Red Spouter went into a steam phase in late May. Great Fountain is erupting about every 7 to 9 hours.

During June 285 eruption intervals were checked on Old Faithful. The average time was 66.3; the maximum interval 90 minutes and the minimum 39 minutes were on the 13th and 9th respectively.

Museum:

Nan Carson Rickey, Museums Coordinator, Midwest Region, arrived in the Park June 13. On June 16 Park Naturalist Mary Meagher accompanied her on an inspection trip of Norris Soldier Station to evaluate items stored in that building.

Exhibits and Equipment:

The glass to the geology exhibit at Rustic Falls in Golden Gate was broken into the latter part of the month and the dacite and lichen covered rock specimens removed. Assistant Chief Park Naturalist Canter obtained new specimens for the exhibit and it has been restored.

Park Naturalist Mary Meagher and Bob Quesenberry of the Sign Shop spent June 26 cleaning glass in roadside exhibit panels. It is believed the glazier's compound is the source of the oil fog on the glass. The compound was removed from the Nez Perce exhibit and will also be removed from other problem roadside exhibits as they are cleaned. What happens at Nez Perce during the next two months should indicate whether or not the compound is the source of trouble.

A new F. J. Haynes photograph was mounted at Madison and the relief map at the West Information Station was painted.

Park Naturalist Mary Meagher made four fixed wing plane flights during the month for bison observation.

Visual Aids:

The AV program at Canyon has been operating on an intermittent basis. Synchronization problems during the month resulted in a need for constant maintenance since installation on May 31.

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The Vega Mike used for cone talks at Old Faithful did not operate properly until it was taken to the shop and checked. At the end of the month it was functioning correctly. While the Vega Mike was out of service, the amphitheater mike was used for cone talks.

Prepared by: Margaret B. Dupaix
Margaret B. Dupaix, Secretary

Submitted by: John M. Good
John M. Good
Chief Park Naturalist

The first thing that I noticed when I stepped
out of the plane was the humidity. It was
like a warm blanket. I had heard that
the humidity was bad, but it was just
what I needed. I had been in the States
for a while and I was ready for a change.

Prepared by: John F. Kennedy
Special Agent in Charge

Assisted by: _____
Date: _____
City: _____

Superintendent

July 10, 1967

Administrative Officer

Monthly Report - June

Four on-the-job injuries were reported for the month: two for the Maintenance Division and two for Administration. Although we have not received a full report on all of these injuries, we understand that none of these are lost time accidents but all four employees required medical treatment.

Mrs. Naomi E. Hinton, Secretary, has been on extended sick leave since June 13. She is in the Livingston Memorial Hospital in Livingston, Montana.

Orientation material for permanent employees was presented to the following individuals:

<u>NAME</u>	<u>ACTION</u>
Clyde W. Woolever	Career-Conditional Appointment (Subject-to-Furlough) as Operator General (Light Duty), \$3.09 per hour, effective June 5.
Frank Versnick	Conversion to Career-Conditional Appointment (Subject-to-Furlough) as Operator General (Light Duty), \$3.09 per hour, effective June 4.
Two permanent employees transferred into the Park during the month and received local orientation material for transferred personnel.	
Larry L. Hays	From: Park Ranger GS-453-7, Natchez Trace Parkway To: Park Ranger GS-453-7, Mr. Hays is presently assigned to the North Entrance.
Frederick T. Anderson	From: Supervisory Park Ranger GS-453-9, Yosemite To: Supervisory Park Ranger GS-453-11, Mr. Anderson is the new Law Enforcement Officer, vice E. Widmer.

1917

1917

The following table shows the results of the various experiments conducted during the year 1917. The results are given in the following table.

The following table shows the results of the various experiments conducted during the year 1917. The results are given in the following table.

The following table shows the results of the various experiments conducted during the year 1917. The results are given in the following table.

TABLE I

TABLE II

1917

1917

The following table shows the results of the various experiments conducted during the year 1917. The results are given in the following table.

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Foreman IV-Shop, Delbert Ballard conducted a three day Driver Examiner Training Course on June 21, 22, and 23. The following five employees completed the training and have been certified as Civil Service Road Test Examiners:

Foreman IV-Maintenance William E. Hapa
Foreman III-Maintenance James H. Batzloff
Foreman III-Maintenance William G. Armstrong
Park Ranger Benjamin F. Ladd
Seasonal Park Ranger Clarence A. Sanders

The orientation program for Maintenance and Administration Division seasonal personnel was conducted at five locations in the Park with a total of approximately 215 employees in attendance. The Personnel Officer attended the sessions at Old Faithful, Grant Village, Lake, and Mammoth to present the Personnel portion and Oda Arnold was at the meeting at Canyon.

Two position descriptions were submitted to the Midwest Regional Office for classification action. These are redescrptions of the positions of Accounts Maintenance Clerk GS-520-5 which we recommended as Administrative Clerk GS-301-7 and Payroll Clerk GS-544-4 which we recommended as Clerk (Typing) GS-301-4. Although we have not received copies of the approved descriptions, we have been advised by telephone that the Administrative Clerk does not warrant a GS-7 classification and will be established at the GS-5 level.

Final classification action was taken by the Washington Office to establish the position of Photographer GS-1060-9 which resulted in a promotion for the incumbent William S. Keller. Simultaneously with the promotion, Mr. Keller was awarded a quality step increase under the Incentive Awards Program in recognition of high level performance at the GS-7 level which exceeded normal requirements.

In addition to the personnel actions already reported above, the following actions were effective:

Lynn H. Thompson

Promotion from Park Ranger GS-453-7 to
Concessions Analyst GS-9, WASO

Gary N. Brown

Reassignment from Lemax Sub-District Park
Ranger GS-453-9 to Grant Village Sub-
District Park Ranger, same grade.

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Judith A. Morin Resignation from Personnel Clerk (Steno.)
GS-203-4

Kathryn F. Maffei Resignation from Secretary (Steno.), GS-
318-5

Vacancies - Permanent Positions

<u>Position</u>	<u>Division</u>	<u>Previous Incumbent</u>	<u>Action</u>
Asst. Superintendent (SS), #0010	Supt. Office	J. Martinek	V. Hennesay selected
Personnel Clerk, #1082	Administration	G. Stork	Pending
Personnel Clerk (Steno.), #1085	Administration	J. Morin	Pending
Payroll Clerk, #1089	Administration	B. Wharton	Pending
Park Ranger (Wildlife Mgmt.), #3041	Ranger	W. Barmore	To be abolished
Civil Engineer, #4004	Maintenance	Redescribed position	Pending
Engineering Technician, #4011	Maintenance	R. Weaver	Pending
Secretary (Steno.), #4017	Maintenance	K. Maffei	Pending
Sigmaker, #4034	Maintenance	B. Quesenberry	Pending
Caretaker, #4084	Maintenance	J. Dexter	Pending

Vernon E. Hennesay has been selected for the position of Assistant Superintendent (Special Services), to be effective July 16. This is a reassignment for Mr. Hennesay, who is presently serving as Superintendent at Ozark National Scenic Riverways, Van Buren, Missouri.

The applicant supply file for Park Ranger (General) and (Naturalist) was reopened for the receipt of applications. This action was required by unexpected vacancies in the seasonal staff and the need for selecting individuals for immediate entrance on duty. Approximately five Park Ranger (General) appointments were made and one Park Ranger (Naturalist).

1940-1941

1940-1941

1941-1942

1941-1942

1942-1943

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The following events were recorded during the period of 1942-1943...

The following events were recorded during the period of 1942-1943...

The Wyoming Interagency Board of Examiners, Cheyenne, has advised they are now able to accept the registers which we have been holding. These are registers established through open competitive examinations which were decentralized to us for maintenance and certification for local positions. This decentralization was affected on a trial basis. After several months experience, it was found not practical for us to continue the activity.

Letters of employment inquiry received	53
Applications for employment received	7
Applications rated	19
Applications entered on the register	10
Examinations given	2

As of July 6 there were 709 paid employees, 366 accessions, and nine separations.

There were 350 employees on the payroll for the period ending June 3 compared to 360 a year ago and 557 on the payroll for the period ending June 17 compared to 615 a year ago. There were 709 on the payroll ending July 1 compared to 677 a year ago.

A fuel allowance adjustment was made for actual fuel used during the period January 1, 1967 through June 17, 1967. This adjustment period contained twelve pay periods for those who occupied quarters for which fuel allowance adjustment is required. This adjustment period was at a time when most of the annual fuel is consumed so most quarters exceeded the fuel allowance included under item 7 (d), Form 10-373, Valuation Analysis of Government Housing. The next adjustment period, June 18 through December 30, 1967, will contain fourteen pay periods and will include the summer and fall months when less fuel is normally consumed. At that time we will review the fuel allowance against actual consumption for the 1967 calendar year and make adjustments where necessary to bring the fuel allowance more in line with actual consumption.

The Canyon Mess Hall opened for the evening meal June 5. The Madison Mess Hall opened on June 12 after being closed last season. The West Thumb Mess Hall reopened June 12 after being closed for a short period this spring.

Two Hundred Fifty-Nine shipments were checked in totalling 804 line items with a value of \$32,936.81. Issues valued at \$52,769.30 were made to 817 customers comprising 1,268 line items. Surcharge orders totalled \$19,058.36 and direct charge purchase orders had a total value of \$17,948.04. Stores stock shipments amounted to a total of 38,544 pounds for the month of June. The new total for the accountable inventory is \$36,587.36. This total does not include the \$8,198.60 excess stock reported to GSA.

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Two hundred two purchase orders were issued during the month of June with an approximate value of \$83,090. During the 1967 fiscal year the procurement section issued 2,084 formal purchase orders with an approximate value of \$908,549.00.

The NEW from Cheyenne, Wyoming, have picked up all the excess stock allotted to them of the \$8,196.60 declared excess of the supply center stock. The small portion remaining of this stock is expected to be shipped out soon. We are awaiting transfer papers from GSA.

The Quarterly Report of Utilization and Disposal of Excess and Surplus Personal Property and the quarterly report for Supply Activity were completed and sent to the Midwest Regional Office on June 30, 1967.

Mr. Howard Black entered on duty as Cook for the Canyon Mess June 5. Mrs. Ethel Strange entered on duty as Cook for the West Thumb Mess on June 12. Mrs. Dessie Payne entered on duty as Cook for the Madison Mess on June 5. The following mess attendants entered on duty during the month of June: Lois Refle, June 19, West Thumb mess; Helen Black, June 5, Canyon mess; Joan Sanderson, June 19, Canyon mess; Wanda Grossman, June 12, Lake mess; and Dinah L. Smith, June 19, Lake mess.

Bids were opened June 27 for Propane Gas, Invitation 67-7, the low bidder was Butane Power & Equipment Company of Casper, Wyoming. We intend to award to the low bidder July 5.

Bids were opened June 28 for a four wheeled motor street sweeper. The Industrial Equipment Company of Billings, Montana, was awarded the order in the amount of \$11,849.00. The new street sweeper will be a "Wayne" Model 1-940-4.

Bids were opened June 28 for a new fork lift truck for use in the equipment repair shop. Award was made to the Industrial Equipment Company of Billings, Montana, for \$7,493.00.

The Don Wood Tractor Company of Afton, Wyoming, was the low bidder on our Invitation to Bid 67-10 for two industrial type tractors. These tractors are for use at the new incinerators now under construction at Lake and Grant Village.

Armour and Company was the low bidder for frozen and pre-packaged meat for use in our mess halls. The award was made in the amount of \$3,531.60.

Invitation to Bid No. 67-12 for an inboard-outboard motor boat was sent out June 30, 1967. The bid opening will be July 17, 1967, at 2:00 p.m.

An order to resume work was issued to Davey Tree Expert Company June 12, 1967. This project is for clearing, grubbing, and thinning at Grant Village concession area. Ninety-eight days of contract time remains which establishes the final completion date as September 13, 1967.

On June 21, 1967, an order to resume partial work was issued to the R. J. Studer and Sons of Billings, Montana. This partial operation was limited to clearing and grubbing in the Bridge Bay Campground. Because of the wet ground conditions, a full operation resume work order could not be issued. The R. J. Studer and Sons Construction Co. are performing work under Contract No. 14-10-101-17, Construction of Water System Roads, Lake, Roads and Utilities, Lake Trailer Court and Campground Roads, Bridge Bay.

Hunter-Ssucerman Construction, Inc. began work on the incinerators at Lake and Grant Village on June 19, 1967. One hundred twenty-two days of contract time is remaining on this project. The completion date is recorded as October 18, 1967.

A Notice to Proceed was issued to Nelson Brothers Construction Company of Salt Lake City, Utah, under Contract No. 14-10-2-101-25, construction of chain link fence for incinerators at Lake and Grant Village. The beginning date is recorded as June 26, 1967.

A Notice to Proceed was issued to Alman Construction Company of Idaho Falls, Idaho, June 21, 1967, for Contract No. 14-10-2-101-34, construction of three comfort stations, Canyon area. The beginning date of the project was stipulated as June 26, 1967, which unless extensions are granted, will expire October 23, 1967.

I. C. Constock, Contractor, Cody, Wyoming, was awarded Contract No. 14-10-2-101-71, construction of Entrance Station, East Entrance, on June 26, 1967.

Invitations to bid have been mailed to interested bidders for Project BHB-S150, construction of visitor center and service building, Big Hole National Battlefield. The bid opening date is July 25, 1967, at 3:00 p.m.

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Invitations to bid have been distributed to interested bidders for Project No. BHB-S151, construction of employee apartments, Headquarters, Big Hole National Battlefield. The bid opening date is July 25, 1967, at 2:00 p.m.

Invitations to bid for Project No. YEL-S126 have been mailed to interested bidders for construction of patrol cabin, Howell Creek. The bid opening date is set for 2:00 p.m., August 1, 1967.

C. L. Hanner

cc:

Asst. Supt. (Opr.)

Hanner

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Big Hole National Battlefield
Wisdom, Montana 59761

A 2615

July 1, 1967

Memorandum

To: Superintendent, Yellowstone
From: Management Assistant, BIHO
Subject: Monthly Narrative Report for June 1967

General

Weather Condition: Temperatures for the first half of the month were quite cool, cloudy and wet. Twelve out of the last fifteen days were above 70° with a maximum of 77° on the 19th. Thunder storms were scattered throughout the month bringing gusty winds and heavy rain and hail showers. Thunderstorms were noted on 14 days with the last one on the 27th. Minimum temperatures were below 32° on only three nights with the minimum of 29° on the 2nd and 3rd. There were 5 clear days, 10 partly cloudy and 15 cloudy days.

Lightning strikes burned out the trailer phone line on the 1st, 8th and 24th completely destroying the phone on the 24th. Lightning on the 27th destroyed the phone at the Siege Area and a replacement made. A lightning strike about a quarter of a mile from the trailer knocked out the power line on the 8th requiring five hours to return power to the trailer and seven hours before power was returned to the Siege Area. Damage to the trailer resulted in a hole an inch in diameter burned in the end of the trailer and a burned junction box and plug on the trailer porch.

Decrease in Travel: Cool, wet weather reduced travel to the area the first part of the month resulting in a decrease of 27% for the month compared to June of last year. Travel to date is down 35% compared to the same period in 1966.

Visitors: Marty Benham, Chief Ranger, Craters of the Moon June 18
Robert Burns, Supt., Nez Perce NHP June 21
Jon Larson, WSSC, Project Engineer June 22
June 28

Interpretive Activities and Developments

Interpretive Facilities: Several items from the McWhorter collection of artifacts relating to participants of the Big Hole battle have been

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The first of the series was published in 1911, and was a volume of 100 pages, containing a selection of the most important papers on the subject of the emerald. The volume was published by the British Emerald Association, and was the first of a series of volumes on the subject of the emerald. The volume was published by the British Emerald Association, and was the first of a series of volumes on the subject of the emerald.

The second volume was published in 1912, and was a volume of 100 pages, containing a selection of the most important papers on the subject of the emerald. The volume was published by the British Emerald Association, and was the second of a series of volumes on the subject of the emerald. The volume was published by the British Emerald Association, and was the second of a series of volumes on the subject of the emerald.

The third volume was published in 1913, and was a volume of 100 pages, containing a selection of the most important papers on the subject of the emerald. The volume was published by the British Emerald Association, and was the third of a series of volumes on the subject of the emerald. The volume was published by the British Emerald Association, and was the third of a series of volumes on the subject of the emerald.

The fourth volume was published in 1914, and was a volume of 100 pages, containing a selection of the most important papers on the subject of the emerald. The volume was published by the British Emerald Association, and was the fourth of a series of volumes on the subject of the emerald. The volume was published by the British Emerald Association, and was the fourth of a series of volumes on the subject of the emerald.

1911-1914

The fifth volume was published in 1915, and was a volume of 100 pages, containing a selection of the most important papers on the subject of the emerald. The volume was published by the British Emerald Association, and was the fifth of a series of volumes on the subject of the emerald. The volume was published by the British Emerald Association, and was the fifth of a series of volumes on the subject of the emerald.

promised to the Battlefield. Exhibits are being planned to include these items for the new visitor center. Photographs and measurements are to be taken of the collection at Pullman, Washington, for planning the exhibits.

Public Relations: Adjacent rancher, Mr. Clemow, assisted in repairing a road washout at the Battlefield through the loan of his back hoe and operator while making irrigation ditch repairs.

Operations

Protection and Ranger Services: Eleven battle scarred stumps were stabilized with cement and angle iron. There is some danger of injury from a falling stump to a visitor as well as the need to preserve them.

The mosquitos arrived en masse along with the warm weather on the 15th. They cause great discomfort to the visitors and shorten their stay considerably.

Maintenance: Extensive cleanup was accomplished on the slope east of the old entrance road and south of the new road construction. Much old fencing and parts of the irrigation trestle were piled and burned.

Settling has occurred in the black top over sewer and water lines in the development on the bench. The depressions have been filled with gravel to prevent vehicle damage until they can be properly repaired.

Frequent road repairs have been necessary to keep the entrance^{road} to the Siege Area passable.

A trip to Yellowstone for supplies was made on the 22nd.

Design and Construction

Project Engineer Macfarlane of WSSC arrived June 25. To date no construction workers to begin work on the new road have arrived.


Elroy W. Bohlin
Management Assistant

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DISCUSSION

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