

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

FILE NO. 207-02.3

SUPERINTENDENT'S MONTHLY REPORT

AUGUST 1951

✓	ROGERS	
✓	JOHNSTON	
✓	ROWE	
	ANDERSON	
	STANTON	
	BUTLER	
	PROCTOR	
	ROBERTS	
✓	NEAL	
✓	COOPER	
✓	EVANS	
✓	EVANS	
	CLARK	
	JAY	
✓	KOWSE	
✓	KITTANEH	
✓	WOMBLEBANT	
	ROBINSON	
	WIGGINS	
	McMULLIN	

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge.

All Files should be returned promptly to the File Room.

Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

NEWTON B. DRURY,

Director.

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

OFFICE OF THE SUPERINTENDENT

Summary of the August 1951 Monthly Narrative Report for
YELLOWSTONE NATIONAL PARK

Page

WEATHER:

Precipitation very high. Mammoth maximum 89°, minimum 33°. Vegetation green, rivers high, fire danger low.

1

SPECIAL
ACTIVITIES:

Rogers to Bozeman, to Teton with Asst. Secy. Doty's parents, to Moran with Haynes and Demaray party. Johnston & Kittredge to Cody re power. Johnston & Wohlbrandt to Cheyenne re machinery. Evans to law enforcement officers meet. Evans, Skinner, Kittams to Gallatin Conservation meet. Robinson to Richland, Wash. to see equipment with Lindauer. C. L. Edwards from 13th C. S. Region to Washington; succeeded by James P. Googe. Custer BNM removed from Yellowstone coordination except for fiscal. Skinner brought bride to park. "Magic of Fire" demonstration. Van Heuvelen drowning. Mrs. Ben Arnold suffered stroke; son here on furlough. First auto accident fatality for season. Favorable advice received on appropriations (Act signed Aug. 31); seasonals being retained; to collect fees to end month; wage board again on 48-hour week.

1 - 4

INSPECTIONS:

Harvey Reynolds, Howard Gregg, Carl Swartzlow, Frank & Mrs. Kittredge, G. M. Kintz, Walton Clerk, Russell McKown, Dr. Gordon Baldwin, Dr. John Mahoney & party, Wm. Robertson & Mrs. Robertson, Benjamin Dickson, Arthur Demaray, Mrs. Demaray & daughter, Howard Baker & son, Frank Childs, Wm. Breckenkamp & family, Robert Denton, Robert Baker, Capt. & Mrs. Luce, Robert Coates, Daniel Burroughs, Edwin Kenner, F. R. Roberson, Louis O'Marr, W. R. Vawter, Arnold Sorrell, Frank Winingder, H. R. Davenport, Willard Dilley, in.

4

IN-SERVICE
TRAINING:

Weekly News. Permanent & seasonal ranger training not included in July report.

5

PUBLICITY:

July travel figures mailed. Stories to presses re Van Heuvelen drowning & auto accident fatality. Broad sides received. Franz Lipp exhibit concluded.

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

OFFICE OF THE SUPERINTENDENT

REPORT OF THE SUPERINTENDENT
FOR THE YEAR 1904

THE YELLOWSTONE NATIONAL PARK
WAS ESTABLISHED BY ACT OF CONGRESS
MARCH 1, 1872

THE PARK IS LOCATED IN THE
NORTHWESTERN PART OF THE
STATE OF MONTANA, AND
IS ONE OF THE MOST
SCENIC AND INTERESTING
PLACES IN THE UNITED STATES.

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		<u>Page</u>
<u>PLANS, MAPS AND SURVEYS:</u>	Baker, Kittredge, Robertson here. Mattson trips to Teton & south approach, to Custer BNM, etc. Schuster on plans & supervision Old Faithful & Thumb campgrounds. New parking area at O. F. Canyon Master Plans. Schuster sketches of entrances.	6
<u>MAINTENANCE:</u>	Wet weather slowed operations. Slides Mammoth-Gardiner road. Labor situation bad.	6
<u>CONSTRUCTION:</u>	Progress on south approach projects. Sub-contractor work. Construction projects.	6 - 7
<u>COMPLAINTS:</u>	20 complaint letters received.	7 --8
<u>CONCESSIONERS:</u>	O. F. Inn & Canyon Hotel returned to European Plan. Record house counts. Haynes Shop Mammoth Campground & at Roosevelt Lodge closed. Roosevelt Lodge closed. Work on Lake Lodge & Mammoth laundry. Projects proposed Old Faithful Hamilton Stores. Propane installation at O. F. near complete.	8
<u>RELIGIOUS SERVICES AND CHAPEL USE:</u>	Regular services. Messiah. Communion. Memorial services for Arnold Van Heuvelen.	9
<u>INTERPRETIVE SERVICES:</u>	Program curtailed 24th. Talks by Dilley of Everglades and Yellowstone Naturalists.	9
<u>MUSEUM ACTIVITIES AND EXHIBITS:</u>	Madison Museum closed 24th. Museums very popular.	9 - 10
<u>RESEARCH AND OBSERVATION:</u>	Trip up Electric Peak. USGS men studying sulphur & phosphoria. Trip to Molly Islands, birds observed, fish tags, tackle, etc.	10 - 11
<u>NATURAL HISTORY ASSOCIATION:</u>	Nature Notes. Mrs. George Daggley here revising plant book.	11
<u>INCREASE OR DECREASE IN TRAVEL:</u>	372,189 entered during month, 4.28% increase. 1,039,347 season to date, 5.34% increase. 5,879 rail visitors, 6.76% loss. Percentage increase or decrease by gates.	11
<u>VISITORS:</u>	Special visitors listed.	12
<u>RANGER SERVICE:</u>	Skinner & McComas to Big Hole. Many seasonals terminated. Shortage personnel. Gate hours reduced. Gates audited. New boat. Search for Van Heuvelen body. Lost persons found.	12 - 13

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Director, Library, Department of Education,
Washington, D.C.
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I am pleased to learn that you are
interested in the work of the
National Archives and Records Administration.
The National Archives and Records Administration
is a part of the Federal Government which
collects, preserves, and makes available
the records of the United States Government.

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COMPLETION:

the following findings from the study:
The study was conducted in the following manner:

: 2011-19100

REVIEWS: 1411 4.7/5 (1411) 10/10/2015

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Very respectfully,
Your obedient servant,
J. Edgar Hoover

ИСТОРИЯ

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<u>WILDLIFE AND FISH:</u>		<u>Page</u>
<u>ELK:</u>	Recommendation by Gallatin Conservation Comm. that 700 elk be reduced from Gallatin herd.	13
<u>FISH:</u>	Fish population appears decreasing Yell. River. F&W Service investigations. Fish plantings.	13 - 14
<u>BEARS:</u>	19 injuries, 28 property damages, 25 bears destroyed.	14
<u>TRUMPETER SWAN:</u>	Census, total 97 in and near park.	14
<u>FOREST FIRE PROTECTION:</u>	3 fires. Jumper plane left W. Yell. Pre-suppression crew on Divide Lookout trail.	15
<u>BLISTER RUST CONTROL:</u>	BRC Supt. resigned and replaced by former Checker.	15
<u>INSECT INFESTATION:</u>	Spruce Bud Worm work investigated by Denton of Bur.Ento. and Childs & Chapman of NPS.	15
<u>TRAILS:</u>	Work done on various trails.	15
<u>BUILDING FIRE PROTECTION:</u>	Underwriters report received; final hazard report submitted to Region. Follow-up inspections. Evacuator received.	16
<u>ACCIDENTS:</u>	39 accidents; one fatality.	16
<u>BIRTHS:</u>	Daughter born to Mr. & Mrs. Thomas Close. Twin sons born to Mr. and Mrs. Lloyd Winkle.	16
<u>DEATHS:</u>	Mrs. Arden Parkes, John W. Thurber, R. J. MacDonald, Ralph Horn, Arnold Van Heuvelen, Grier P. Chatfield, Mrs. Angelina Tedeschi, Mrs. Rattie L. Nielson, Bert Outforth, died.	17
<u>MARRIAGES:</u>	William L. Evans and Betty Ann Outforth married.	18
<u>PERSONNEL:</u>	Hugh P. Beattie, Park Ranger, resigned. Norma C. Fryslie, seasonal Clerk-Typist, resigned. Promotion and transfer Frank T. Hirst to Chief Ranger, Mt. McKinley approved.	18

and examination of California Conservation Corps.
that 700 will be received from California.

High population appears decreasing. High
and service investigations. High population.

19 injuries, 28 property damaged, 15 persons
destroyed.

Corps, total 77 in and near park.

3 lines. Jumped plane into W. Hill. Fire-
department crew on diving lookout.

But left. resigned and replaced by former
Checker.

Three and four work investigated by section
of Butte, and Childs & Chapman of Butte.

Work done on various trails.

Underwriter's report received. Final report
submitted to section. Follow-up
investigation. Investigator received.

39 accidents: one fatality.

Daughter born to Mr. and Mrs. Thomas Wilson.
Twin sons born to Mr. and Mrs. Lloyd Smith.

Mrs. Arden Barker, John H. Thompson, H. J.
Henderson, Ralph Horn, Arnold Van Houten,
Orion A. Chaffield, Mrs. Angelina Tedeschi,
Mr. Mattie L. Nelson, Bert O'Leary, died.

William H. Brown and Betty Ann O'Brien married.

High P. Beattie, Park Ranger, resigned. Norma
C. Hyatt, seasonal clerk-typist, resigned.
Promotion and transfer Frank T. Hest to Chief
Ranger, Mr. McMillan approved.

WILLIAM H. BROWN
AND BETTY ANN O'BRIEN
MARRIED

DEATHS:

DEATHS:

THOMPSON'S DEATH:

FOREST FIRE
PROTECTION:

BESTEST TEST
CHECKER:

INVESTIGATION:

TRAILS:

BUILDING FIRE
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ACCIDENTS:

BIRTHS:

DEATHS:

MARRIAGES:

PROMOTIONS:

Report 1ml

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

OFFICE OF THE SUPERINTENDENT

September 7, 1951

Memorandum

To: The Director

From: Superintendent, Yellowstone National Park

Subject: Monthly Report for August 1951

Following is the report of activities for Yellowstone National Park during the month of August 1951:

Weather Conditions. Abnormally high precipitation was recorded at all weather stations in the park for the month, with the rainfall being distributed evenly throughout the month. The amount of rainfall at all weather stations was the greatest for the month of August for the past ten years. The records show that Tower Fall had 2.22 inches; Old Faithful, 2.65 inches; Northeast Entrance, 2.82 inches; East Entrance, 3.07 inches; Snake River, 3.58 inches; Lake Station, 3.98 inches; West Yellowstone, 4.61 inches, and Bechler River, 5.28 inches. In Mammoth 2.63 inches were recorded as compared with a mean of 1.24 inches for the past nine years.

The maximum temperature recorded at Mammoth was 89° on the 4th and a minimum of 33° on the 25th and 31st.

The vegetation, with the exception of the extreme northern part of the park in the Gardiner area, remained green throughout the month and most plants did not cure until the latter part of the month. The streams remained unusually high for the month of August. The precipitation coupled with the green vegetation kept the fire danger at a minimum during most of the month. Each time the fire danger would reach 40 or more heavy rains would occur and lower it.

Special Activities. Superintendent Rogers made visits to the Bozeman library on August 1 and 28 in connection with his project covering the legislative history of National Park Service areas. On August 6 a trip was made to Lake to meet Mr. and Mrs. Henry A. Doty, parents of Assistant Secretary of the Interior Dale Doty, to take them to Grand Teton National Park. A trip was made to Moran on August 23 with park photographer J. E. Haynes and members of the Demaray party.

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

OFFICE OF THE SUPERINTENDENT

July 1, 1908

Mr. J. M. Smith, Superintendent, Yellowstone National Park

Dear Sir:

I have the honor to acknowledge the receipt of your letter of the 28th inst.

and in reply to inform you that the same has been forwarded to the

proper authorities for their consideration.

I am, Sir, very respectfully,
Your obedient servant,

J. M. Smith, Superintendent, Yellowstone National Park

Very truly yours,
J. M. Smith, Superintendent, Yellowstone National Park

Enclosed for you are two copies of the report of the

Commissioner of the General Land Office, dated June 1, 1908.

The report contains a detailed statement of the

proceedings of the Commission, and a copy of the

report of the Commission, dated June 1, 1908.

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dated June 1, 1908.

Assistant Superintendent Johnston and Chief Engineer Kittredge went to Cody on August 13 to confer with R.E.A. officials in connection with the proposal to bring power into the park. On August 27 Mr. Johnston and Park Engineer Wohlbrandt went to Cheyenne to inspect road machinery. They returned on the 29th.

Assistant Chief Ranger Evans went to White Sulphur Springs on August 3 to attend a meeting of law enforcement officers. Mr. Evans, together with Chief Ranger Skinner and Biologist Kittams, attended a meeting of the Gallatin Conservation Committee at the Cinnamon Ranger Station on the Gallatin on August 19. Mr. Kittams also spent the 18th with the group.

Mechanical Supervisor Robinson made a trip to Richland, Washington, on August 26 to inspect surplus equipment with Mr. Lindauer of the Region Two Office. He returned August 30.

Mr. C. L. Edwards, Regional Director, 13th U. S. Civil Service Region, Denver, Colorado, was transferred to Washington, D. C. on August 1 to take over his new duties as Chief of Field Operations. Mr. Edwards will be succeeded by James P. Googe, who has been Assistant Chief of Field Operations in the Washington Office of the Civil Service Commission. Yellowstone National Park is under the 13th Civil Service Region.

On August 3 the Washington Office issued FO-1010 which removed Custer Battlefield National Monument from coordination under the Superintendent of Yellowstone National Park. However, fiscal matters were to be continued to be handled by Yellowstone.

On August 5 Chief Ranger Skinner brought back to the park his bride and they are making their home at Mammoth. Mr. Skinner was married to Betty Emery in Las Vegas, Nevada, on May 18. Mrs. Skinner continued her work with the RKO Pictures in Los Angeles until her moving to the park on August 5.

A demonstration "The Magic of Fire", a reproduction of fires and explosives on laboratory scale to illustrate the proper handling of gasoline and liquified petroleum gas, was conducted in the Canteen on August 10 by Mr. G. M. Kintz, Chief, Accident Prevention and Health Division, Region Four, Bureau of Mines, Dallas, Texas. The demonstration was attended by a number of park officials and employes concerned with the safe handling of gasoline and liquified petroleum gas.

An unfortunate accident occurred on the afternoon of August 10 which resulted in the death of Arnold Van Heuvelen, 44, of Fallon, Nevada, who had been employed during the past three seasons as a janitor in the Mammoth Museum. Mr. Van Heuvelen had been fishing

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with Park Ranger-Naturalist Frank Rentchler about a mile above Deep Creek in the Yellowstone River when he slipped on a rock and fell into the treacherous waters of the river and was carried down the stream. A careful check of the river from Yancey's Hole to the point where Van Heuvelen fell in was carried on for several days but no trace of the body was found and the body had not been recovered by the end of the month. Mr. Van Heuvelen's two brothers from Bismarck, North Dakota, came to the park to aid in the search. Memorial services for Mr. Van Heuvelen were held in the Mammoth Chapel on August 15.

Mrs. Marguerite Arnold, wife of Park Ranger Ben Arnold, stationed at the east entrance, suffered a stroke while appearing as witness for the Government in a reckless driving case in the U. S. Commissioner's court at Mammoth on August 18. She is confined to the Mammoth Hospital since that date and was expected to be removed to the Cody Hospital on September 6 due to the anticipated closing of the Park Hospital on September 10. Her son, Bill, who is a member of the armed forces in Korea, was granted a 30-days furlough and flown back to the States so that he could be with his mother. He arrived in the park August 30.

Although more than 150 motor vehicle accidents involving property damage of \$100 or more and in some cases in injuries to persons occurred in the park up to the end of August, the first one to result in a fatality occurred on the afternoon of August 23 near Arnica Creek between Thumb and Lake. The accident apparently was caused by too much speed on a slippery section of highway. Mrs. Angelina Tedeschi, 53, of Braeburn, Pennsylvania, was killed and Rev. Victor Fridena, driver, and Richard Dowling and Minnie Tedeschi, other occupants of the car, were seriously injured and confined to the hospital at Mammoth.

On August 29, telephonic advice was received from the Region Two Office that the 1952 appropriations appeared adequate and that we should keep our seasonal personnel on as long as needed and continue to collect the entrance fee until October 1 if possible. All prior advice had been to the effect that we should operate with as small a force as possible and, accordingly, all seasonal park ranger-naturalists were released on August 24 with the exception of four men to continue operation of the museums. Upon receipt of the advice on August 29 it was possible to get back some of the men and a small part of the naturalist activities was resumed. It had been contemplated to release all seasonal park rangers on August 25 and discontinue collection of the entrance fees on September 3 and many of the men were released by that date. However, it was possible to retain sufficient men and it is contemplated to continue the collection of the entrance fees on a reduced scale until the end of September. Because of what appeared to be considerably reduced appropriations, wage board employees were worked only 40 hours a week during the summer as against 48 hours in other years. Beginning September 1

it is contemplated to work wage board employees on a 48-hour week. The Interior Department Appropriation Bill was not signed by the President until August 31.

Inspections. Harvey Reynolds, Chief Ranger, Theodore Roosevelt National Memorial Park, in August 3. Howard E. Gregg, Chief, Interpretive Branch, NPS, Washington D. C., and Carl R. Swartzlow, Regional Naturalist, Region Two, in August 7, out 11. Frank A. Kittredge, Chief Engineer, NPS, Washington, D. C., in August 9 with Mrs. Kittredge, out 22. Mr. G. M. Kintz, Chief, Accident Prevention and Health Division, Region Four, Bureau of Mines, Dallas, Texas, in August 9, out 11. Walton C. Clark, Consulting Engineer, Public Buildings Service, General Services Administration, Washington, D. C., in August 9. Russell L. McKown, Assistant Chief Recreational Planner, Region Two, NPS, in August 10, out 14. Dr. Gordon C. Baldwin, Archaeologist, NPS, Washington, D. C., in August 10. Dr. John R. Mahoney, Senior Specialist, Conservation and Public Domain of the Legislative Reference Service, Library of Congress, Washington, D. C., and party of 16 government officials of the U. S. Weather Bureau and U. S. Geological Service, in August 15, out 18. William E. Robertson, Regional Engineer, NPS, Omaha, with Mrs. Robertson, in August 17, out 24. Benjamin F. Dickson, Regional Chief, Concessions Management, Region Two, in August 20, out 23. Arthur E. Demaray, Director, NPS, with Mrs. Demaray and daughter Elise, in August 20, out 23. Howard W. Baker, Regional Director, Region Two, with son Stephen, in August 20, out 23. Frank W. Childs, Regional Forester, Region Two, in August 20, out 25. William E. Breckenkamp, Personnel Assistant, Yosemite National Park, in August 20, out 23. Robert Denton, Bureau of Entomology, Coeur d'Alene, Idaho, in August 20. Robert M. Baker, park ranger from 1927-29 and now with General Services Administration, Denver, in August 24. Captain and Mrs. Luce, Custer Battlefield National Monument, in August 29, out 30. Robert M. Coates, Chief, Economics and Statistical Branch, Lands Division, NPS, Washington, D. C., and Daniel F. Burroughs, Regional Planner, NPS, Billings, in August 30. Edwin C. Kenner, Chief, Architectural Construction and Maintenance, NPS, Washington, D. C., and F. R. Roberson, Architect, Region Two, NPS, who arrived July 28, departed August 5. Louis J. O'Harr. Associate Commissioner, Indian Claims Commission, Washington, D. C., in August 3. W. R. Vawter, Chief Field Representative, Bureau of Budget, Denver, Colorado, in August 3. Arnold Sorrell, Auditor, Concessions Management Division, NPS, Washington, D. C., who arrived July 23 to audit books of Pryor Stores, Inc. and medical service, left August 16. Frank Winingder, Auditor, Concessions Management Division, NPS, Washington, D. C., who arrived July 12 to audit books of Pryor Stores, Inc., and park medical service, departed August 16. H. R. Davenport, Bridge Engineer, BPR, Denver, in August 22. Willard B. Dilley, Park Naturalist, Everglades National Park, who has been on assignment in park since July 3, departed August 25.

It is suggested that the work of the Commission be continued in the future. The Commission is requested to continue its work in the future.

In-Service Training. The Weekly Newsletter was issued each Thursday during the month to keep employees, concessioners and others currently informed of park happenings.

Twenty-three seasonal park rangers and one seasonal park ranger-naturalist participated in a conducted tour of the park on July 1 which we failed to record in the July report. This tour, which is a regular part of the training program for new uniformed personnel, is designed to acquaint the men with park features, locations of attractions and facilities, park roads, and to give them information necessary to properly serve the public. Eight park rangers assigned to highway patrol and five headquarters personnel attended a four-hour training program, the subjects covered including general instructions governing patrol car operations, public safety, law enforcement, courtesy in dealing with visitors, and policy matters. Seasonal park rangers during July and August received 186 man-hours of formal in-service training in subjects related to their regular duties including checking station operations, courtesy, accident investigations, preparation of reports, weather observations, dispensing of information, and communications. This formal training was supplemented by 260 man-hours of supervised on-the-job training. There was additional training in fire control methods and operations.

Publicity. The July comparative travel figures were mailed to the park's mailing list on August 2.

On August 11 a story was phoned the AP and UP at Helena concerning the accidental drowning of Arnold Van Heuvelen. A story on the automobile accident which occurred August 23 and resulted in the death of Mrs. Angelina Tedeschi and the serious injury of three other persons was phoned the AP & UP at Helena on the same date.

Thirteen thousand copies of the 1950 broadside for the park were received on August 1 and these were all disposed of prior to the arrival of the supply of 1951 broadsides. The first supply of 1951 broadsides reached the park on August 13 and the final supply was received on August 21, the entire supply totaling 150,000 copies.

The photographic interpretation of Yellowstone National Park by Franz Lipp, which started July 19 at the Chicago Art Institute, Chicago, Illinois, was concluded on August 19. Very favorable reports were received regarding this exhibit and it no doubt resulted in creating a lot of new interest in the park. Arthur Nash, former seasonal ranger-naturalist, gave daily talks in connection with the exhibit.

Plans, Maps and Surveys. Regional Director Baker, Chief Engineer Kittredge and Regional Engineer Robertson were all visitors in the Engineer's Office during the month checking on progress of construction projects and other engineering problems. The Resident Landscape Architect made weekly trips to Grand Teton National Park or to the south approach road construction project and one trip was made to Custer Battlefield National Monument, spending very little time in the office. Mr. Schuster devoted his time largely to Master Plan work and a few days in field supervision in the Old Faithful and the West Thumb Campgrounds.

An interim parking area has been built under the rehabilitation program behind the Haynes Picture Shop in the present campground area at Old Faithful and hurried sketches were prepared for the work.

An intensified activity has been devoted to the Canyon Village Master Plans. An alternate scheme to the original method of circulation has been prepared. More detailed drawings are being prepared to provide for items of grading and utility location.

Mr. Schuster has prepared sketches of three entrances which have been reviewed individually by the park staff and they will be discussed at a meeting as soon as one can be arranged after the travel has slowed down.

Maintenance. August was cool and precipitation was far above normal. This cold, wet weather increased our routine maintenance activities and reduced oiling operations by one half. Several light snow storms hit the Red Lodge to Cooke highway. Thirteen miles of road were chip sealed and five miles sand sealed. About $4\frac{1}{2}$ miles of road were reprocessed or half-soled. Fifteen hundred feet of treated timber guard rail were placed on the east entrance road.

On August 29 a second small cloudburst hit the Gardiner to Mammoth road section causing earth and rock slides. The road was temporarily closed for about $1\frac{1}{2}$ hours. Several days will be needed to clean up debris completely.

The labor situation became acute during the month and it became necessary to combine some of our road camps to keep a working sized crew. The average number of employees on road work during the month was about 100 men.

New Construction. Work on Units 1 and 2 of the Moran to Yellowstone approach road was slowed somewhat by wet weather. On Unit 1 grading is about 95% complete, concrete work 100%, culvert pipe 98% and underdrains about 75%.

On Unit 2, grading is about 90% complete, concrete work 100%, culvert pipe 95% and underdrains 100% complete.

General Notes on the Project
The project is located in the north-western part of the state, in the vicinity of the town of ... The project area is approximately 1000 acres in size. The project is owned by the state and is being developed for the purpose of ... The project is being developed in three phases. The first phase is the construction of a road from the town of ... to the project area. The second phase is the construction of a dam and the third phase is the construction of a power plant. The project is being developed by the state and is being financed by the state. The project is being developed in three phases. The first phase is the construction of a road from the town of ... to the project area. The second phase is the construction of a dam and the third phase is the construction of a power plant. The project is being developed by the state and is being financed by the state.

An interim plan for the project was prepared in 1955. This plan provided for the construction of a road from the town of ... to the project area. The plan also provided for the construction of a dam and the construction of a power plant. The plan was approved by the state and is being followed.

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A sub-contractor has the work of placing the base course material on both sections. This contractor has equipment on the job and operations have started.

Other construction projects active during the month were:

Account 323.06 and 323.10, Walks, Barriers, Gratings and Signs in Thermal Areas.--Work is about 95% complete. Some prefabricated sidewalks are still to be placed.

Account 333.01, Campground Extension, Fishing Bridge and Old Faithful.--Completed.

Account 323.03, Grand View Point. New point completed; old removed. Parking area still to be constructed.

Account 323.12, Campground Roads, Old Faithful.--One loop completed; second loop 75% complete, and grading complete on third loop.

Account 323.14, Roads and Walks, Lake, Hotel Cottage Area.--Grading on east half completed; about 50% complete on west half. All storm drains in place on east half. Approximately 5,000 feet of concrete curb in place. Some gravel base placed on east half.

Account 323.15, Campground Extension, West Thumb.--Job 50% complete; will finish in two weeks.

Account 331.03, Comfort Stations, Old Faithful Campground.--Foundation poured for three; frame work up on two.

Account 331.05, Mess Hall, Road Camp, Lake.--Most of the work is done except for painting and crew is working on this; job about 90% complete.

Account 332.11, Sewage Disposal System for Lake.--Placing of force line underway.

Account 333.02, Utilities, Tables, Fireplaces, Comfort Stations, Campground, Old Faithful.--Four comfort stations completed. Water and sewer nearly complete on all three loops.

The material is on order for the elk traps at Mammoth and Gardiner, and also for additional comfort stations at the Old Faithful campground.

Complaints. Twenty letters of complaint were received during the month of August, as follows: 1. Uncleanliness of cabin, 2. Deposit required for hotel key and not returned due loss of slip,

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the interest in an order for the oil to be used in the
Lardner, and also for additional control of the oil to be
used in the Lardner.

3. Discourtesy of ranger in connection with bear feeding, 4. Food and service at Old Faithful Inn dining room, 5. Unsatisfactory condition of cabin and wrong information by ranger regarding Red Lodge road opening, 6. Profane language of service station employee, 7. Condition of south approach road, 8. Uncleanliness of cabin and linen unchanged during stay, 9. Unsanitary condition of cabins, campgrounds and comfort stations, 10. Handling of bear situation, 11. Delay in boarding tour buses and registering at hotels, 12. Condition of park roads, 13. Lack of modern conveniences, such as showers and clothes washing facilities, 14. Lack of road signs, unsatisfactory cabins, and meal service poor necessitating lining-up, 15. Discourtesy of ranger in speed warning, 16. Necessity to move to different tent-top cabin third day, 17. Noise permitted in campground and cabin areas, and lack of ranger facilities for finding lost persons, 18. Cabin rates, condition of Yellowstone Park Company comfort station, laundry service, and alleged failure in making reservations, 19. Concession services indicating discrimination against non-tour visitors, 20. Condition of campgrounds, comfort stations, roadsides, south approach road, and discourtesy of ranger and lack of warning regarding south approach road condition.

Concessioners. On August 1, Old Faithful Inn and the Canyon Hotel were placed back on the European Plan and it is believed that this will help considerably in satisfying motorists in the obtaining of accommodations and meals. Rail and bus visitors using the park buses continued under the American Plan as most of their tickets are purchased prior to their arrival at the park or upon arrival at one of the park entrances.

Several times during the month the house count for the various accommodations in the park including the hotels, lodges and tourist cabins, exceeded 8,000. On August 7 the house count totaled 8,101 which was the largest for the season up to that date. However, this was exceeded the next day with a count of 8,228. On August 9 the house count totaled 8,094; on August 10, 8,067; on August 15, 8,111; on August 21, 8,055; on August 22, 8,123; and on August 24, 8,063.

On August 15 the Haynes Shop in the Mammoth campground was closed for the season and on August 30 their store at Roosevelt Lodge was closed which was the same date the lodge itself closed.

Work on the Lake Lodge continued throughout the month of August and the work on the Mammoth Laundry building is near completion. The machinery in this building will be installed after the other operations are closed for the season. The Yellowstone Park Company has done a great deal of painting during the summer.

The following projects are now lined up at Old Faithful and for which Hamilton Stores, Inc. has been requested to furnish

3. Discontinuity of service in connection with boat feeding, 4. Poor service at Old Lakeland Inn dining room, 5. Unsatisfactory condition of cabin and wrong information by ranger regarding boat feeding opening, 6. Poor service of service station at Lakeland, 7. Lack of attention to south approach road, 8. Unsatisfactory condition of cabin and comfort during stay, 9. Unsatisfactory condition of cabin and comfort during stay, 10. Handling of boat station, 11. Lack of boarding tour buses and registering at Lakeland, 12. Lack of parking roads, 13. Lack of modern conveniences, such as electric and electric washing facilities, 14. Lack of road signs and satisfactory cabin, 15. Lack of necessary lighting, 16. Lack of necessary lighting in speed warning, 17. Necessity to have to different conditions in third day, 18. Noise permitted in campground and cabin area, and lack of ranger facilities for finding lost persons, 19. Cabin rates, condition of Yellowstone Park Company comfort station, laundry service, and alleged failure in making reservations, 20. Unpleasant services indicating dissatisfaction against non-union visitors, 21. Condition of campgrounds, comfort station, roadways, roads, and discontinuity of service and lack of service regarding south approach road condition.

Concessions. On August 1, Old Lakeland Inn and the Canyon Hotel were placed back on the Lakeland Plan and it is believed that this will help considerably in satisfying visitors in the obtaining of accommodations and meals. Well and the visitors using the park buses continued under the Lakeland Plan as most of their tickets are purchased prior to their arrival at the park on upon arrival at one of the park entrances.

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plans; revision in the dormitory addition to the Upper Store dining room; addition to Upper Store storage; service ramp between basement storage in dormitory and store. Installation of propane system is practically completed at Old Faithful.

Religious Services and Chapel Use. The regular religious services program as scheduled for the summer season was carried out throughout the month of August with regular services for Latter Day Saints, Roman Catholics and the Protestant faiths being conducted at Mammoth, Old Faithful, Lake and Canyon; and, with Protestant services being held at Tower Fall, Fishing Bridge and West Thumb.

On the evening of the 17th, Yellowstone Park choral groups under the direction of the student ministers presented the Messiah in the Yellowstone Park Chapel. This program was well attended by a capacity crowd and proved to be of an exceptionally high quality.

On the night of August 30, under the sponsorship of the student ministers, the Rev. E. A. Syms of Livingston, Montana, conducted a general communion service for all Protestant faiths.

On the evening of August 15 a special memorial service was held in the Yellowstone Park Chapel honoring the life of Arnold Van Neuvelen who drowned in the Yellowstone River on August 10.

Interpretive Services. The full scale interpretive program for the Naturalist Division was conducted during the month up to August 24 when it became necessary due to limited funds to eliminate virtually the entire program. By this date personnel of the division had dwindled to four men, who were subsequently augmented with additional personnel as referred to later.

The interpretive program followed the pattern set up for the season.

Park Naturalist Willard E. Dilley of the Everglades gave two talks during the month. One was at Tower Fall on the 7th entitled "The Fraternity of National Park areas" and another at Mammoth on the 22nd entitled "Everglades National Park". Park Naturalist Upton gave talks at West Thumb on the 2nd, Fishing Bridge on the 10th and at Mammoth on the 17th. Park Naturalist Watson gave talks at Fishing Bridge on the 1st and at West Thumb on the 16th. Chief Park Naturalist Condon gave talks at Old Faithful and Fishing Bridge during the month.

Museum Activities and Exhibits. All museums were kept open during the month except the Madison Junction Museum which was closed on the 24th. The museums served as focal points from which interpretive activities were carried out and also as interpretive stations themselves. These units proved to be popular with park visitors and it was noticed that there were always people snooping around the

1. The purpose of this report is to provide a summary of the results of the investigation conducted by the Department of the Interior, Bureau of Land Management, in the area of the proposed development of the Upper St. Lawrence River. The investigation was conducted in accordance with the provisions of the National Environmental Policy Act of 1969, as amended, and the Federal Land Management Policy of 1966, as amended.

[illegible][illegible]

On the night of March 30, under the responsibility of the student ministers, the Rev.

On the evening of August 13 a special memorial service was held in the Yellowstone Park Chapel honoring the life of Harold Van Newkum. He is buried in the Yellowstone River on August 13.

had dwelled to form one, who were subsequently separated into
victually the entire group. If this is the personnel of the
division is when it became necessary for the division to allocate
for the immediate division was conducted during the month of
information is given. The full scale division have been

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Gordon gave talks at Old Waterville and Fishing Bridge during the month.
Bridges on the lake and at West Thumb on the 14th. Chief Park W. Merrill
Lantern on the 17th. Park Naturalists between gave talks at Fishing
Bridge on the 2nd, Fishing Bridge on the 10th and at
2nd entitled "Ivoryglades National Park". Park Naturalist Gordon gave
"The Intermittency of National Park areas" and another at Mammoth on the
two talks during the month. (As was at Tower Fall on the 7th entitled
Lake W. Merrill & Alfred A. Bailey of the Ivoryglades group

It was noticed that there were always people standing around the themselves. These men proved to be genuine with both wit and positive activities were carried out and also as indicated above on the fact. The museum served as focal point for which interest during the month except the Union Junction Museum which was closed. Museum activities and exhibits. All museums were kept open.

Madison Museum hoping that they might see what was inside after the structure was closed on the 24th. These units served a vital need and should be made available during the entire travel season.

Janitor services at the park headquarters museum, Old Faithful museum and Fishing Bridge were not available after the 24th and it was necessary that the park ranger naturalists on duty keep these units in some semblance of an orderly appearance.

Research and Observation. On August 6 Chief Park Naturalist Condon headed up a party for a climb up Electric Peak. This party consisted of W. Verde Watson, Joseph Murphy, Arnold Van Heuvelen, Willard Dilley, George Mattson, Wilson Condon, Kent Watson, Billy Reed, James Abbie, Edward Kocher and Carlton Grimm. The climb started at about 6:00 a.m., the summit was reached at 12:00 noon and the party had returned to Mammoth by 6:00 p.m. Enroute a large band of elk was seen on the slopes of Electric. Pink-sided juncos were commonly seen, signs of bears were observed but none were seen, a duck hawk was seen near the top of the peak, a western red-tail was seen and marsh hawks were common in the meadows. The Hepburn's rosy finch was seen near the mountain top.

On August 18 Mr. A. H. Koschmann and Mr. W. B. Meek of the U. S. Geological Survey, Mineral Deposits Branch, were in the Chief Park Naturalist's office and at that time discussed with him the sulphur deposits in the altered rock areas of Yellowstone. It was their desire to examine these altered rock areas and determine if possible any significant similarity that they might have to an altered rock area in the Sunlight Basin in which there were supposed extensive sulphur deposits. These geologists were directed to the solfatara area near the mouth of Tower Creek, to the Crater Hills in Hayden Valley and to the Norris Geyser Basin. They have not reported anything of unusual interest to the Chief Park Naturalist's office since their visit here on that date.

Mr. Richard P. Sheldon of the U. S. Geological Survey and members of his party were in the Chief Park Naturalist's office on the morning of August 20 and at that time brought in a collection of fossils and rock samples from the phosphoria formation on Red Creek. This group of geologists have been making a detailed section of the phosphoria in the southern Yellowstone area and have determined that the ideal section was near the mouth of Red Creek. Their work has been finished and they have now left Yellowstone.

On July 22 Chief Park Naturalist Condon took a party to the Molly Islands at the southern end of Yellowstone Lake for the purpose of observing the status of the bird colonies there and to attempt to determine the mortality rate among the young birds banded in July. Members of the party who visited the islands on this date

were: R. R. Robinson, Roger Miller, S. Greene, W. Verde Watson, Clayton Rennie, David M. Beal, Kenneth Arnold, Steven Baker, Wilson Condon, Kent Watson, George Mattson, David Stevens, R. Graham and Jerry Johnston. It was found that the gulls, cormorants and terns had completely abandoned the islands as of this date, but that there were still a large number of young pelicans unable to fly, but almost entirely feathered out, who were still using the island as a roosting area. A very thorough search of both the sandy and rocky islands revealed a number of interesting things.

On the sandy island there were no bird bands recovered nor were there any fish tags found. However, on the rocky island searchers found 42 fish tags taken from trout tagged as part of the Yellowstone Park fisheries study. There were 42 gull bands recovered from dead sea gulls which indicates that a considerable portion of the colony apparently dies annually, for there were 300 young gulls banded. There were 19 pelican bands recovered out of the 200 which were banded in July. In addition to this, on the rocky island there was an elaborate array of fishing gear found, and this varied from single hooks attached to leaders to complete pop gear assemblies. These apparently were lost by fishermen when they hooked a fish and had their tackle break, and then the injured fish was captured by either pelicans, or sea gulls and taken to the islands where they were fed to the young birds.

Natural History Association. The Yellowstone Library and Museum Association completed the publication of Yellowstone Nature Notes for July-August and these were placed in the mail on the 27th.

The Library and Museum Association arranged for Mrs. George Baggle, co-author of the book "Yellowstone Plants" to be in Yellowstone from August 16 through the 27th. Mrs. Baggle was checking the herbarium against the "Plant Book" in preparation for its revision. It is anticipated that by another season this publication will have been redone.

Increase or Decrease in Travel. A total of 372,189 persons entered the park this month as compared with 356,900 for the same period last year, or an increase of 4.28%. The total travel for the present travel season through August was 1,039,347 persons as compared with 986,727 for one year ago or an increase of 5.34%. Rail and bus travel this August was 5,879 persons as compared with 6,305 for August 1950 or a loss of 6.76%.

The millionth visitor for 1951 entered the park on August 27, in 1950 on September 2, in 1949 on August 29 and in 1948 on September 23.

Two entrances show a decrease in travel for the season as compared with 1950, the North Gate with 1.51% and the Northeast with 3.85%. Increases shown by the other gates are as follows: West Gate,

were: N. R. Robinson, Roger Miller, G. Green, J. Vande Weyer, Clayton Rennie, David M. Bell, Kenneth Arnold, Steven Baker, Wilson Condon, Kent Watson, George Jackson, David Brown, A. Graham and Jerry Johnston. It was found that the gulls, cormorants and terns had completely abandoned the islands as of this date, but that there were still a large number of young pelicans unable to fly, but almost entirely feathered out, who were still using the island as a roosting area. A very thorough search of both the sandy and rocky islands revealed a number of interesting things.

On the sandy island there were no bird bands recovered nor were there any fish tags found. However, on the rocky island researchers found 15 fish tags taken from trout tagged as part of the Yellowstone Park fisheries study. There were 15 gull bands recovered from dead sea gulls which indicated that a considerable portion of the colony apparently dies annually, for there were 300 young gulls banded. There were 19 pelican bands recovered out of the 200 which were banded in July. In addition to this, on the rocky island there was an elaborate array of fishing gear found, and this varied from single hooks attached to leaders to complete pop gear assemblies. These apparently were lost by fishermen when they hooked a fish and lost their tackle break, and then the injured fish was captured by other pelicans, or sea gulls and taken to the islands where they were fed to the young birds.

Natural History Association. The Yellowstone Library and Museum Association completed the publication of Yellowstone Natural History for July-August and these were placed in the mail on the 27th.

The library and Museum Association arranged for Mrs. George Bagley, co-author of the book "Yellowstone Plants" to be in Yellowstone from August 15 through the 27th. Mrs. Bagley was checking the herbarium against the "Plant Book" in preparation for its revision. It is anticipated that by another season this collection will have been reduced.

Increases or Decreases in Travel. A total of 372,185 persons entered the park this month as compared with 354,900 for the same period last year, or an increase of 17,285. The total travel for the present travel season through August was 1,099,247 persons as compared with 985,737 for one year ago or an increase of 113,510. Total and bus travel this August was 5,879 persons as compared with 6,305 for August 1950 or a loss of 426.

The millionth visitor for 1951 entered the park on August 27, in 1950 on September 2, in 1949 on August 29 and in 1948 on September 23.

Two entrances show a decrease in travel for the month as compared with 1950, the North Gate with 1,415 and the Northwest with 3,654. Increases shown by the other gates are as follows: East Gate

8.45%; East Gate, 3.63% and South Gate, 9.79%.

Visitors. Ira N. Gabrielson, President, Wildlife Management Institute, Washington, D. C., in August 7. Walter Weber, former NPS artist and now artist with the National Geographic Society, in August 7. Mildred Ericson, former seasonal Ranger Naturalist, in August 11 for about ten days. Col. Edward P. Eagen, Chairman, New York State Athletic Commission, New York City, in August 10 with Mrs. Eagen, out 14. Charles Hampson, Minister, British Embassy, Washington, D. C., in August 17. Julius Alme, General Passenger Agent, Burlington, Railroad, Omaha, Nebraska, and Ellsworth Moser, President, U. S. National Bank of Omaha, in August 17. Group of Outdoor Editors including Andy Anderson, Houston Press; Lem Barnes, Detroit Motor News, George Buck, Travel and Sports Promotion Man, Detroit News; Ed Neal, Outdoor Editor, San Francisco News; and Wallace Foiste, Outdoor Editor, San Francisco Post, in August 18, out 20. U. S. Congressman John P. Saylor of Pennsylvania, in August 19, out 23. U. S. Congressman Robert W. Kean of New Jersey, in August 25. Thien Komkris, Special Forest Officer, Royal Forest Department, Bangkok, Thailand, in August 19, out 28. James Edmiston, Writer, RKO, Hollywood, California, in August 24. Arthur Sitaman, Unit Production Manager, RKO Radio Pictures, Inc., Hollywood, California, in August 27, out 28. Mrs. Frank A. Barrett, wife of Governor of Wyoming, in August 27. Henri C. Morel, Inspector of Forestry of Seine and Marne, Department of Agriculture, France, in August 28, out 30. Mr. and Mrs. Henry A. Doty, parents of Assistant Secretary of Interior Dale Doty, in August 4, out 8. Brigadier General Matthew J. Gunner, U. S. Army, in August 11. Donald Adams, New York Times Book Review, New York City, in August 15, out 16. W. J. Schoonmaker, Museum Exhibits Planner, New York State Museum, University of New York, Albany, New York, in August 2, out 14. Judge Lawrence E. Inhoff, former member of Congress from Ohio, and his wife, formerly Miss Fay King, noted artist, in August 14, out 16. Edward D. Merrill, retired President, Capital Transit Company, Washington, D. C., in August 17. M. Whalley Taylor, Deputy Agricultural Attache, British Embassy, Washington, D. C., in August 15.

Ranger Service. Chief Ranger Skinner made an inspection trip to Big Hole Battlefield on July 31, returning to the park on August 1. Assistant Chief Ranger McComas made a trip to Big Hole on August 6, returning on the 8th.

The services of 14 seasonal park rangers were terminated during the latter part of the month, the men having been originally informed that their services would be terminated August 25 due to reduced appropriations. Before the end of the month it was learned that appropriations would be sufficient to keep some of them on but they had already made plans for their departure. Nine fire control aids also resigned or were released since their services were no longer required.

Heat Rate: 224.8, Net Output: 263.5, Gross Output: 279.6

Embassy, Washington, D. C., in August 25.
 in August 17, M. Bailey Taylor, Deputy Agricultural Attaché, British
 Merrill, retired President, Capital Transit Company, Washington, D. C.,
 formerly Miss Taylor, not a resident, in August 14, and 15, Edward J.
 Lawrence, a lobbyist, former member of Congress from Ohio, and his wife
 University of New York, Albany, New York, in August 2, and 14, in
 W. J. Lombard, former Indiana farmer, New York State farmer,
 Adams, New York State a foot patrol, New York City, in August 15, and 16,
 Brigadier General William J. Connor, U. S. Army, in August 11, and
 of a assistant Secretary of Interior John D. Coy, in August 4, out 5,
 France, in August 25, out 30, 15, and 16, Henry A. Coy, former
 Inspector of Forestry of Maine and Maine, Department of Agriculture,
 a Barrett, wife of Governor of Virginia, in August 27, and 28, 15, 16,
 Knox, Inc., Hollywood, California, in August 24, out 25, 15, 16, 17,
 in August 24, Arthur Stetson, Unit Protection Manager, WFO, who also
 in August 19, out 25, James Stetson, Editor, WFO, Hollywood, California,
 Special Forest Officer, Royal Forest Department, Bangkok, Thailand,
 Congressman Robert W. Ryan of New Jersey, in August 25, 15, 16, 17,
 Congressman John F. Ryan of Pennsylvania, in August 19, out 25, 15,
 Estate, Outdoor Editor, San Francisco Post, in August 15, out 25, 15,
 Detroit News; Ed Peck, Outdoor Editor, San Francisco News; and William
 Herbert Foster Long, George Brock, Travel and Sports Editor, San Francisco
 Outdoor Editors including Andy Anderson, London from San Francisco
 President, U. S. National Bank of Omaha, in August 17, 15, 16, 17, 18,
 Agent, Burlington, Railroad, Omaha, Nebraska, and Missouri, 15, 16,
 Washington, D. C., in August 14, 15, 16, 17, 18, 19, 20, 21, 22, 23,
 Mrs. Ryan, out 14, Charles Ryan, Editor, British Society,
 New York State Athletic Commission, New York City, in August 10, 11, 12,
 August 11, out about ten days, Col. Edward F. Ryan, Congressman, 15,
 August 7, Edward Ryan, former seasonal manager, National Geographic Society, in
 NPS artist and now artist with the National Geographic Society, in
 Institute, Washington, D. C., in August 7, Walter Ryan, former
 Visitor, Mrs. W. Davidson, President, Wildlife Management Institute, Washington, D. C., in August 7,

August 6, returning on the 8th.
August 1. Assistant Chief Ranger Logans made a trip to Big Hole
trip to Big Hole on July 21, returning to the park on
Ranger Service. Chief Ranger Skinner made an inspection

During the latter part of the month, the men having been originally informed that their services would be terminated August 25 and to reduced appropriations. Before the end of the month it was known that appropriations would be sufficient to keep some of them on but they had already made plans for their departure. When the original bids also resigned or were released since their services were no longer required.

The majority of the rangers' time was spent in general administration and protection of the park, necessitated by the largest number of park visitors in the park's history. The activities and Protection Division problems kept pace with the increase in travel. Due to an average of five vacant positions in the permanent ranger force and with a seasonal ranger force of 45 men instead of 57, the number last season, the rangers were required to contribute a great many extra hours of work. Even so, it was not possible to carry on all essential Protection Division activities to the fullest and desired extent.

Entrance stations were manned from 7:00 a.m. until 11:00 p.m. until the 25th when the hours were reduced from 7:00 a.m. until 7:00 p.m. due to shortage of personnel. Five patrol cars were operated during most of the month. Law enforcement accident investigation and preparation of reports required a great deal of time. The number of vandalism cases continued to rise during the month with car entry and thefts predominating.

All entrance stations were carefully audited during the month and found to be in very good order.

The new NPS boat arrived on the 6th and was launched on the 15th and so far has proven very satisfactory. A small auxiliary "dinghy" was purchased and is carried on the large boat for emergency use in going ashore in shallow water.

Other activities included searching for the body of an NPS employee, Arnold Van Heuvelen, who drowned in the Yellowstone River on August 10. Several man days were spent in the search operations but without success. Searching for lost persons, who were later found, also required a number of man hours.

Wildlife and Fish Cultural Activities. ELK. A harvest of 700 elk from the Gallatin herd for the 1951 season was recommended by the Upper Gallatin Conservation Committee at the fall meeting held at the Cinnamon Ranger Station on August 19. The same reduction figure has now been recommended by the Committee for three consecutive years. The Montana Fish and Game Commission has, during the 1949 and 1950 season, permitted the elk hunting season to remain open until the desired number of elk was removed and it is expected that similar favorable action will be taken this year.

FISH. The Yellowstone River remained unusually high during August so that anglers reported only fair results from their efforts in fishing that section of the stream below Canyon. Observations indicate that fewer fish are being taken each year from the Yellowstone River between Fishing Bridge and Canyon. There is reason to believe that the fish population is being seriously reduced by the

The majority of the visitors, time was spent in general administration and protection of the park, necessitated by the largest number of park visitors in the park's history. The study and Protection Division programs kept pace with the increased travel. Due to an average of five vacant positions in the ranger force and with a seasonal ranger force of 45 men instead of 37, the number last season, the rangers were required to contribute a great many extra hours of work. When so, it was not possible to carry on all essential protection activities to the full and desired extent.

Entrance stations were manned from 7:00 a.m. until 11:00 a.m. until the 25th when the hours were reduced from 7:00 a.m. until 7:00 p.m. due to shortage of personnel. Five patrol cars were operated during most of the month. Law enforcement, accident investigation and collection of reports required a great deal of time. The number of violations continued to rise during the month with one entry and three predominating.

All entrance stations were carefully checked during the month and found to be in very good order.

The new life boat arrived on the 24th and was located on the 15th and so far has proven very satisfactory. A small utility "dinghy" was purchased and is stored on the life boat for emergency use in going ashore in shallow water.

Other activities included searching for the body of an employee, Arnold Van Hecke, who drowned in the Yellowstone River on August 10. Several men days were spent in the search operation but without success. Searching for lost persons, and were later found, also required a number of man hours.

Wildlife and Fish Cultural Activities. The interest of 700 elk from the Gallatin herd for the 1931 season was recorded by the Upper Gallatin Commission Committee at the fall meeting held at the Cinnamon Canyon Station on August 10. The same commission has been recommended by the Committee for three consecutive years. The Montana Fish and Game Commission has, during the 1929 and 1930 season, permitted the elk hunting season to remain open until the desired number of elk was removed and it is expected that similar favorable action will be taken this year.

Fish. The Yellowstone River remained generally high during August so that anglers resorted only to fly fishing from their camps in fishing that section of the stream below Canyon. Observations indicate that fewer fish are being taken each year from the Yellowstone River between Fishing Bridge and Canyon. There is reason to believe that the fish population is being seriously reduced by the

heavy angling pressure since the war. The investigation being conducted by the Fish and Wildlife Service, under the direction of Dr. Cope, is expected to make available information which will be useful in checking the downward trend of this fishery.

Fish were planted in park waters during August as shown below:

<u>Water Planted</u>	<u>Species</u>	<u>Size</u>	<u>Number</u>	<u>Source</u>
Squaw Lake	Blackspotted	#3 $\frac{1}{2}$	10,200	Emigrant
Slough Creek	Blackspotted	#3 $\frac{1}{2}$	10,200	Emigrant
Middle Creek	Blackspotted	fry	25,000	Yellowstone Lake
Bridge Bay	Blackspotted	fry	313,000	Yellowstone Lake

BEARS. Reports of 19 persons being injured by bears were received during August. Most of the incidents occurred along park roads when visitors stopped to photograph or feed the animals. Several injured persons admitted that they were familiar with the prohibition against feeding bears and had seen the warnings concerning the danger of closely approaching bears.

Two incidents of special significance occurred in developed areas. On August 8, Melvin J. Clayton, age 15, of Edmonton, Alberta, suffered a 5-inch laceration in right arm when a bear struck the tent in which he was sleeping about 10 p. m. On August 20, E. K. Falls, Downers Grove, Illinois, was on his way to the rest room in the Old Faithful tourist cabin area when he encountered a bear. The bear was foraging in a garbage can so Mr. Falls attempted to walk around the animal. When he flashed his light on the bear, it charged him, knocked him to the ground and left three scratches on the victim's right forearm. The bears responsible for these two attacks were promptly disposed of.

Twenty-eight cases of property damage by bears were reported during the month bringing the total for the season to 59.

Twenty-five persistently troublesome or dangerous bears were destroyed making a total of 37 animals disposed of this year. Several of these bears had been trapped previously and removed to more remote parts of the park but had returned to developed areas to continue their depredations.

TRUMPETER SWAN. Trumpeter swans in and near Yellowstone National Park were counted on August 2 and 3. The Fish and Wildlife Service provided the plane and pilot for the census as has been done since 1947 and Biologist Kittams acted as observer for the park. A total of 74 birds, 63 adults and 11 cygnets, were counted in the park proper while 16 adults and 7 cygnets, totaling 23, were counted outside

heavy angling pressure since the war. The law enforcement service, by the Fish and Wildlife Service, in the division of the U.S. is expected to make available information which will be helpful in checking the downward trend of this fishery.

Plas were planted in park waters during August as shown below:

Water Planting	Species	Size	Number	Location
Green Lake	Blackmouth	12	10,000	Green Lake
Stought Creek	Blackmouth	12	10,000	Stought Creek
Middle Creek	Blackmouth	12	10,000	Middle Creek
Bridge Bay	Blackmouth	12	10,000	Bridge Bay

Reports of 12 persons being injured by bears were received during August. Most of the incidents occurred along park roads when visitors stopped to observe or feed the animals. Several injured persons claimed that they were feeding the bears. Attention against feeding bears and the danger of closely approaching them.

Two incidents of special significance occurred in August. On August 8, Milton J. Clayton, age 15, of Stought Creek, suffered a 4-inch laceration in right arm when a bear struck the tent in which he was sleeping about 10 p.m. in August 10, 1947. Downers Grove, Illinois, was on his way to the tent in the forest. He failed to get out when he was awakened a bear. The bear was feeding in a garbage can so he tried to get out. He was knocked down. When he lit on the bear, it charged at him. He knocked him to the ground and left three scratches on the right side of his face. The bear's responsibility for the attack was promptly disposed of.

Twenty-eight cases of property damage by bears were reported during the month bringing the total for the season to 50.

Twenty-five persistently troublesome or dangerous bears were destroyed making a total of 37 animals disposed of this year. Of these bears had been trapped previously and returned to the park but had returned to dangerous areas to destroy their depredations.

THUNDERBOLT BARN. Thunderbolt Barn is a new Yellow National Park were counted on August 2 and 3. The Fish and Wildlife Service provided the plane and pilot for the census as has been done since 1947 and Biologist William served as observer for the party. Total of 24 birds, 63 mice and 11 cygnets, were counted in the proper while 16 adults and 7 cygnets, totaling 23, were counted in the

the park, making a total of 97, 79 adults and 18 cygnets, for both inside and outside the park. Within the park the increase over 1950 was one bird. The count of 63 adults is the highest ever made in the park and the count of 11 cygnets is the lowest of counts since 1948. The suggested good survival of cygnets of 1950 (to yearlings of 1951) is encouraging since the first year seems to be the critical period in the life of swans in this area. We have knowledge of four cygnets on Madison Junction Lake and two on Swan Lake having been lost due to undetermined causes. For the area outside the park both adult and cygnet numbers are higher than the 12 and 4 observed last year. This accounted for most of the increase of 8 over the 1950 count of Yellowstone and adjacent areas.

Forest Fire Protection. Two reportable forest fires, Class A, were suppressed during August. These were both lightning fires. One fire account was established for a non-reportable fire which was reported on Forest Creek but which was never found. Smokejumpers were dispatched to Forest Creek to jump the non-reportable fire but the plane had to return without getting over the fire because of the storm. The fire evidently rained out that night.

The contract plane which was on standby at West Yellowstone from July 20 to August 20 returned to its home base at Grifino, Idaho, on August 21.

The pre-suppression crew completed filling blasting holes on the Divide Lookout Trail during August. This trail is now complete.

Blister Rust Control. Robert C. Pape, BNC Camp Superintendent, found it necessary to resign his position on August 3. Donald Nanson who has been a Checker with the BNC program for some time was placed in the position of Superintendent.

Insect Infestation. An outbreak of Spruce Bud Worm work has occurred in the Reese Creek and Stevens Creek area this season. On August 21, Robert Denton, of Coeur d'Alene, Idaho, who is employed by the Bureau of Entomology, made an inspection trip into the area with Regional Forester Childs and Assistant Chief Ranger Chapman. Mr. Denton is making a study of Spruce Bud Worm activity in this region.

Trails. Work was completed on the Upper Lamar River Trail and the crew was removed to the Lake District. A seven man crew is now camped at Lynx Creek and is doing extensive corduroy repair as well as general clearing and drainage work.

The trail from Cabin Creek to Thorofare Cabin was cleared and the old telephone line removed from the most hazardous places. An extensive blow-down on the Lynx Creek side of the Yellowstone River required three days of clearing to make the trail passable.

the park, making a total of 97, 75 males and 12 females, for 1950. Inside and outside the park. Within the park the numbers were 1950 was one bird. The count of 12 males in the highest ever made in the park and the count of 11 cygnets is the lowest of records since 1948. The suggested good survival of cygnets of 1951 (to 90 percent) is encouraging since the first year seems to be the best period in the life of swans in this area. We have recorded 12 from cygnets on Madison Junction Lake and two on Swan Lake having been lost due to unspecified causes. For the area outside the park, 1951 and cygnets numbers are higher than the 19 and 4 observed last year. This accounted for most of the increase of 8 over the 1949 count of Yellowstone and adjacent areas.

Forest Fire Investigation. Two reportable forest fires, Ojo, A, were suppressed during August. There were both lightning fires. One fire account was established for a non-reportable fire which was reported on Forest Creek but which was never found. Investigation was dispatched to Forest Creek to jump the non-reportable fire but the plane had to return without getting over the fire because of the storm. The fire evidently burned out that night.

The contract plane which was on standby at Fort Yellowstone from July 20 to August 21 returned to its home base at Billings, Idaho, on August 21.

The pre-investigation area completed filling blastic holes on the Divide lookout trail during August. This trail is now complete.

Blister Rust Control. Robert J. Dent, and Camp Investigation Dent, found it necessary to re-align his position on August 2. Dent, Hansen who has been a checker with the program for some time was placed in the position of superintendent.

Insect Investigation. An outbreak of spruce bud moth work has occurred in the Forest Creek and Stevens Creek areas this season. On August 21, Robert Denton, of Camp 11, Idaho, who is employed by the Bureau of Entomology, made an inspection trip into the area with Regional Forester Childs and Assistant Chief Ranger Graham. Mr. Denton is making a study of spruce bud moth activity in this region.

Trail. Work was completed on the Upper Lamar River trail and the crew was removed to the Lake district. A survey was then made now camped at Lynx Creek and is doing extensive surveying reports as well as general cleaning and drainage work.

The trail from Cabin Creek to Moraine Cabin was closed and the old telephone line removed from the most hazardous places. An extensive blow-down on the Lynx Creek side of the Yellowstone River required three days of clearing to make the trail passable.

The possibilities of changing the location of portions of the Lynx Creek trail were scouted out but found impracticable except for short sections. These small changes will be made if time and money allow.

A two man crew is continuing work in the Snake River district. They are now camped at Heart Lake and are clearing and repairing the trails in that area.

Building Fire Protection. The report of the inspection of concession buildings, made by the Fire Insurance Underwriters, was received by this office and the final report on Fire Hazards was submitted to the Regional Office.

Follow up inspections were made in all districts and fire drills were held at the stations. These for the most part were found satisfactory.

A new building evacuator was received and installed on the ladder truck at Mammoth.

Accidents and Public Safety. Twenty-seven Class "A", eleven Class "B" and one Class "C" accidents were reported during the month as well as eight non-reportable accidents where the damage involved was minor. Of this number, park visitors were responsible for 30 and employees, both Government and concessioner, were involved in 10. The fatal accident occurred on August 23 when Mrs. Angelina Tedeschi was killed when the car in which she was riding left the road and collided with a tree.

Law Enforcement. A total of 37 law enforcement cases were investigated and tried before the U. S. Commissioner during the month. A breakdown of the cases follows: Speeding, 16; Reckless driving, 3; Drunken driving, 1; Excess number of fish, 4; Driving off designated roadway, 5; Disorderly conduct, 2; Defacement of natural features, 1; Feeding bears, 3; Driving without lights, 1; Automobile theft, 1.

In addition, two boys were held for state authorities from Vancouver, Washington, and numerous cases were handled without bringing them before the Commissioner; and a great deal of time was spent in attempting to solve the numerous petty larceny and car entry cases.

Births. A daughter, Carolyn Joy, was born to Mr. and Mrs. Thomas E. Close at the Mammoth Hospital on August 23. Mr. Close is employed as a seasonal Storekeeper with the National Park Service at Mammoth.

Twin boys, Robert R. and William L., were born to Mr. and Mrs. Lloyd Winkle at the Mammoth Hospital on August 31. Mr. Winkle is employed as a permanent Mixed Gang Foreman with the National Park Service here.

The possibility of ensuring the location of the Greek Creek trail was ascertained but found impracticable through the short sections. These small changes will be made in time and money.

A two man crew is continuing work in the area and they are now camped at Hart Lake and are clearing and reforesting the trails in that area.

Building Fire Protection. The report of the investigation of connection building, and by the fire insurance companies, was received by this office and the final report on this matter was submitted to the Regional Office.

Follow up inspections were made in all districts and fire drills were held at the stations. These for the most part were found satisfactory.

A new building elevator was received and installed on the ladder truck at Portland.

Accidents and Traffic Safety. Twenty-seven Class "B" and one Class "C" accidents were reported during the month as well as eight non-reportable accidents where the driver was minor. Of this number, four victims are reported to be employees, both Government and non-Government, were involved in 10. The fatal accident occurred on August 22 when Mrs. Virginia Foster was killed when the car in which she was riding left the road and rolled with a tree.

Law Enforcement. A total of 37 law enforcement cases were investigated and tried before the U. S. Commissioner during the month. A breakdown of the cases follows: speeding, 16; reckless driving, 3; drunken driving, 1; excess number of fish, 4; driving off highway, 1; roadway, 2; disorderly conduct, 2; possession of narcotic material, 1; feeding bears, 2; driving without lights, 1; automobile theft, 1.

In addition, two boys were held for state detention from Vancouver, Washington, and numerous cases were handled without incident. Then before the Commissioner, and a great deal of time was spent in attempting to solve the numerous petty larceny and petty theft cases.

Payroll. A daughter, Carolyn Joy, was born to Mr. and Mrs. Thomas H. Giese at the National Hospital on August 22. She was employed as a seasonal Storkeeper with the National Forest Service at Rimnosh.

John boys, Robert E. and William L., were born to Mr. and Mrs. Lloyd White at the National Hospital on August 22. Mr. White is employed as a permanent wood land forester with the National Forest Service here.

Deaths. Mrs. Arden Parkes, 63, sister of Mr. C. A. Hamilton, President of Hamilton Stores, Inc., died of a heart attack at Fishing Bridge on August 1. The body was taken to Duluth, Minnesota, for burial. Mrs. Parkes was an employee at the Hamilton Store at Fishing Bridge for many years, where her son was manager and her husband was also employed.

John W. "Bill" Thurber, 73, former National Park Service laborer for a number of years, died in Gardiner of a heart attack on August 5. Funeral services were held in Gardiner and he was buried in Billings.

R. J. MacDonald, 78, died at his home in Livingston on August 5. Mr. MacDonald was a long-time employee of the Yellowstone Park Company for 42 years. He also worked for the National Park Service. He retired in 1942 as Purchasing Agent for the Yellowstone Park Company, which position he had held since 1937. He was buried in Livingston on August 9.

Ralph Horn, who was employed seasonally for a number of years with the National Park Service here and also in the Mammoth Post Office, died at the Fort Harrison Hospital in Helena on August 8. Funeral services and burial were held in Gardiner on August 11.

Arnold Van Heuvelen, 44, Fallon, Nevada, died from drowning as a result of an accident which occurred while he was fishing about a mile above the mouth of Deep Creek in the Yellowstone River on August 10. He was employed during the past three seasons as a janitor in the Mammoth Museum. His body had not been recovered by the end of the month.

Grier P. "Doc" Chatfield, 76, who was employed as a seasonal Powerhouse Operator with the National Park Service at Old Faithful for the past eleven seasons, and who suffered a heart attack while engaged in his duties on August 22, passed away suddenly on the morning of August 30 at the Mammoth Hospital from a coronary attack. He made his home at Roundup, Montana, where he was buried.

Mrs. Angelina Tedeschi, 53, Braeburn, Pennsylvania, was killed in an automobile accident near Arnica Creek between Lake and Thumb on August 23. The three other occupants of the car were seriously injured. This was the first motor vehicle fatality for the year.

Mrs. Hattie L. Nielson, 72, Hyrum, Utah, died of a heart attack at the Fishing Bridge tourist cabins on August 27. The body was removed to Hyrum for burial.

Hamilton, President of Hamilton Station, Inc., died of a heart attack at Fishing Bridge on August 1. The body was taken to Duluth, Minnesota, for burial. Mrs. Barker was an employee at the Hamilton Store at Fishing Bridge for many years, where her son was manager and her husband was also employed.

John W. "Bill" Thompson, 73, former National Park Service laborer for a number of years, died in a heart attack on August 5. Funeral services were held in Garden and he was buried in Billings.

L. J. McDonald, 70, died at his home in Livingston on August 5. Mr. McDonald was a long-time employee of the Yellowstone Park Company for 45 years. He also worked for the National Park Service. He retired in 1942 as a foreman and went for the Yellowstone Park Company, which position he had held since 1937. He was buried in Livingston on August 9.

Ralph Horn, who was employed seasonally for a number of years with the National Park Service here and also in the Forest Park Office, died at the Fort Harrison Hospital in Helena on August 11. Funeral services and burial were held in Garden on August 11.

Arnold van Herve, 44, killed, Nevada, died from drowning as a result of an accident which occurred while he was fishing alone a mile above the mouth of Deep Creek in the Yellowstone River on August 10. He was employed during the past three seasons as a janitor in the Mammoth Museum. His body has not been recovered by the end of the month.

Chief F. "Doc" O'Sullivan, 71, who was employed as a seasonal foreman operator with the National Park Service at Old Faithful for the past eleven seasons, and who suffered a heart attack while engaged in his duties on August 25, passed away suddenly on the morning of August 30 at the Fort Harrison Hospital from a coronary attack. He made his home at Roundup, Montana, where he was buried.

Mrs. Angelina Jodasch, 57, resident, Pennsylvania, was killed in an automobile accident near Antler Creek between Lake and Thumb on August 27. The three other occupants of the car were seriously injured. This was the first motor vehicle fatality for the year.

Mrs. Hattie L. Nelson, 72, Hyrum, Utah, died of a heart attack at the Fishing Bridge tourist cabins on August 27. The body was removed to Hyrum for burial.

Mr. Bert Cutforth, brother of Mrs. Irene Evans, wife of Assistant Chief Ranger W. Leon Evans, died as the result of an accident on his farm at Blackfoot, Idaho, August 30. He apparently struck his head in a fall in an irrigation canal. Funeral services and burial were held at Moreland, Idaho.

Marriages. William L. Evans, former seasonal Park Ranger, and son of Assistant Chief Ranger and Mrs. W. Leon Evans, was married on August 25 in Cutbank, Montana, to Betty Ann Overcash of Cutbank. The couple will make their home at Choteau, Montana, where Bill is employed with the U. S. Soil Conservation Service.

Personnel. Hugh P. Beattie, Park Ranger, GS-5, who entered on duty June 4, 1951, resigned effective at the close of business August 17.

Miss Norma C. Fryslie, seasonal Clerk-Typist, GS-3, resigned effective at the close of business August 17.

The indefinite promotion and transfer of Frank T. Hirst, Supervisory Park Ranger (District Park Ranger), GS-7, to Supervisory Park Ranger (Chief Park Ranger), GS-8, Mt. McKinley National Park, was approved August 22. Mr. Hirst expects to depart for Mt. McKinley about the last week in September after taking a couple weeks annual leave.

Edmund B. Rogers
Superintendent

cc Region Two, in quintuple
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