10-23
(June 1941)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE NO. 207-02.3

SUPERINTENDENT'S MONTHLY REPORT

JUNE 1951

✓	ROGERS	EAR
✓	JOHNSTON	FJ
✓	JOFFE	JJ
·	ANDERSON	
	STANTON	
	FULLER	
	PROD[illegible]	
	HOT[illegible]	
✓	MA[illegible]	
✓	CO[illegible]	
✓	SK[illegible]	
	EV[illegible]	
	CH[illegible]	
	JAY	
	KOW[illegible]	
✓	KITTA[illegible]	
✓	WOHLBRAND	
·	ROBINSON	
	WIGGINS	
	McMULLIN	

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Report 1ml

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

FFICE OF THE SUPERINTENDENT

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

		Page
WEATHER:	Low temperatures; frosts; high winds. Maximum 79°, minimum 24°, precipitation 1.28".	1
SPECIAL ACTIVITIES:	Rogers to Glacier & Canadian Parks, to Custer BNM Celebration, to Bozeman library. Johnston & Robinson to Denver equipment meeting. Joffe to Cody Club & cabin operators meetings. Mattson trips to South Approach & Teton; to Custer BNM. Collection entrance fees started 5th. Montana Power use started. 6-day week. Body of Marceleno de Santiago found.	1 - 2
INSPECTIONS:	John Gynn, H. M. Bixby, Arif Pelit, F. R. Roberson, Ervin Utz, Martin Cannon, Karl Metz, Richard Ketcham, George Lamar, A. V. Tunison, C. T. Wright, George Miller, Harold Mahoney, Wm. Kautz, Jack Barrows, Chas. Hardy, Conrad L. Wirth, James Miller, John McLaughlin, in.	2 - 3
IN-SERVICE TRAINING:	Weekly News. Courses for Naturalists, seasonal & new permanent Rangers, & fire employees.	3
PUBLICITY:	42,000 broadsides on hand, soon be depleted. No word when new supply expected.	3
PLANS, MAPS AND SURVEYS:	Richard Ketcham & George Lamar on assignment from Region. Melvin Thuring transferred to Engineer (Civil), GS-9.	3
MAINTENANCE:	Wet weather; breakup; patching difficult; much reprocessing, etc.; vista clearing. Red Lodge road opened 16th, closed occasionally. Snow June 1 closed roads. Striping. Slides.	3 - 4
CONSTRUCTION:	South Approach projects. Canyon project. Other projects listed.	4 - 5
COMPLAINTS:	Three complaint letters received.	5
CONCESSIONERS:	Opening dates listed. Nichols' office opened. "Help Specials" arrived. Work at Lake dining room & dormitory. Hamilton dormitory; progress demolition O. F. swimming pool.	6

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

FICE OF THE SUPERINTENDENT

July 9, 1951

Memorandum

To: The Director

From: Superintendent, Yellowstone National Park

Subject: Monthly Report for June 1951

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

Weather Conditions. Below normal temperatures prevailed during the month with killing frosts occurring on two nights. Precipitation was well distributed throughout the month but the total amount received was only 68% of normal for June. Unseasonally high winds occurred on several days causing a large number of trees to fall on the trails. Weather data recorded at park headquarters reflected the following: maximum temperature, 79° on June 15; minimum temperature, 24° on the 2nd and 3rd; total precipitation, 1.28".

Special Activities. Superintendent Rogers left on June 9 for a visit to Glacier National Park and several of the Canadian National Parks. In Glacier he met Superintendent Emmert who accompanied him on the visit to the Canadian National Parks. He returned to Yellowstone on the evening of the 15th. On June 24 he went, with Jack E. Haynes, to Billings where they spent the night, going the next day to Custer Battlefield National Monument to attend the 75th Anniversary Celebration of the Custer Battle. They returned on the evening of the 25th. On the 28th a trip was made to Bozeman to visit the library in connection with his project covering the legislative history of the National Park Service areas.

Assistant Superintendent Johnston went to Denver on June 16 accompanied by Mechanical Supervisor Robinson to attend a meeting on Management, Utilization and Maintenance of Motor Equipment. They returned on the 21st.

Administrative Assistant Joffe attended a noon meeting of the Cody Club in Cody on June 11 and discussed park matters with the cabin camp operators group following the meeting of the Cody Club. Mr. Huntley Child of the Yellowstone Park Company and Mr. Trev Povah of the Hamilton Stores, Inc. also attended the meetings.

Resident Landscape Architect Mattson made weekly trips to the South Approach Road construction projects on which occasions trips to Grand Teton National Park were also made. A trip was made to Custer Battlefield National Monument on June 21.

The collection of motor vehicle license fees started on June 5, the same date as last year. Gate hours were set from 7:00 a.m. to 7:00 p.m. until July 2 when they will be open from 7:00 a.m. to 11:00 p.m.

On June 15 the switch was thrown to make available power furnished by the Montana Power Company for use at Mammoth Hot Springs.

On June 23 the park started operating its construction crews and seasonal wage board employees on a six-day week but this was expected to be discontinued after July 1 due to the decreased appropriations for the 1952 fiscal year.

The body of Marceleno de Santiago, an employee of the Yellowstone Park Company at Lake who had been missing since May 17, was found by two girl employees near the old Lake lodge incinerator on June 30. Mr. de Santiago, a Mexican, 39, from Los Angeles, California, disappeared from his job at Lake on the evening of May 17. He came to the park under the impression that someone was trying to injure him and that he was being followed. After his disappearance it was believed that he had left the park. His remains were turned over to the Cloyd Mortuary in Livingston for disposal.

Inspections. John C. Gynn, Blister Rust Control, Spokane, Washington, in June 4; out 6; returned on the 20th for several days. H. M. Bixby, Engineer, Bureau of Public Roads, Cheyenne, and Arif Pelit, Turkish Highway Engineer, in June 5. Mr. Pelit expected to remain in the park until July 5 to observe highway maintenance and construction work. F. R. Roberson, Architect, Region Two, in June 6; out 10. Ervin J. Utz, Assistant Commissioner, Indian Service, Washington, D. C., in June 10; out same day. Martin A. Cannon, Auditor, N.P.S., Washington, D. C., in June 13 on vacation. H. Karl Metz, Division of Management Research, Office of Administrative Assistant, Secretary of the Interior, in June 15; out 17. Richard W. Ketcham, Engineer, and George H. Lamar, Engineering Aid, Region Two, in June 16 for assignment to park for summer. A. V. Tunison, Assistant Chief, Fish and Wildlife Service, Washington, D. C., in office June 19. C. T. Wright, U. S. Public Health Service, Denver, in South June 20; out East same date. George Miller, Assistant Superintendent, and Harold Mahoney, Shop Foreman, Glacier National Park, in June 21 en route from Denver to Glacier; out 23. William A. Kautz, Topographic Engineer, U. S. Geological Survey, Denver, Colorado, in June 25; assigned to mapping work north of park throughout summer. Jack Barrows, Chief of Division of Fire Research, U. S. Forest Service, Missoula, and Charles E. Hardy of same division in June 27; out 29.

Conrad L. Wirth, Associate Director, N.P.S., Washington, D. C., in June 29; expected to remain until July 5; accompanied by Mrs. Wirth. James R. Miller, Fire Weather Meteorologist, U. S. Weather Bureau, Boise, Idaho, in June 7; out 8. John S. McLaughlin, Assistant Regional Director, Region Two, in June 30; expected to remain until July 5.

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

An instruction course for new ranger-naturalists was held from June 12 through 14, which included a tour of the park. A similar course for twenty-two new seasonal park rangers was held on June 29 and 30, consuming eight hours, and a trip of the park was scheduled for July 1. Ten phases of protection division work were covered during the training program. Seventeen fire control employees attended a training program eight hours each day for four days. This training was supplemented by additional on-the-job training after reaching their assigned duty stations. Seasonal park rangers and new permanent park rangers received a total of 160 hours training in report writing, weather observations and checking station operations. This training was carried on in the ranger districts under direction of the district park rangers.

Publicity. A total of 42,000 Yellowstone broadsides for 1950 remained on hand at the end of the month. No word had been received as to the expected date of arrival of the park's supply of the 1951 broadsides but the available supply is not expected to last very long in view of the extremely heavy travel.

Plans, Maps and Surveys. On June 18 Richard W. Ketcham, Engineer, and George H. Lamar, Engineering Aide, of the Region Two Office, arrived in the park to assist with construction projects.

On June 25 Melvin A. Thuring, Engineer, GS-9, reported for duty to fill the vacant engineer position.

Maintenance. June was a cold and very wet month, which was the cause of a great deal of breakup of the road surface. Patching was very difficult because of the rain and snow which fell amost every day or night. Most sections of road are in fairly good condition despite this wet weather; however, the Gallatin, Norris to Canyon, Thumb to Lake, part of the Red Lodge road and Tower Falls to Mammoth are in poor condition due to poor mat, poor subgrade and the extreme amount of moisture this month.

Much more reprocessing will be required to repair these sections than was anticipated last fall at the annual road inspection.

Nearly all the special items listed in the 1951 fiscal year road estimates were completed. Approximately 12 miles of road were

reprocessed, 10 miles sand sealed, and 1,500 feet guard rail and 1,800 feet of guide post placed this spring. The special allotment of $3,000 for vista clearing was spent and good progress made. This work was at three locations--Mammoth to Norris near Willow Park, Madison to Old Faithful near Biscuit Basin and Thumb to Lake not far from Pumice Point.

Snow plows broke through on the Red Lodge road on June 14 and the road opened to traffic on the 16th. The Red Lodge road was closed on four occasions after the 16th by fresh snow, but this was soon removed and the road again opened to traffic.

On June 1 snow closed all the high passes in the park and required the operation of plows and graders to remove the snow.

Approximately 180 miles of centerline striping was completed this month, but traffic has become so heavy that this operation will be discontinued until fall.

The excessive amount of moisture this month caused many slides and washouts both on roads and trails.

At the end of the month maintenance crews were located at Mammoth, Madison, Gallatin, Thumb, Lewis River, South Forest, Lake, East Entrance, Canyon, Tower Falls, Northeast Entrance, Bear Tooth and Rock Creek. Two special oiling crews, one guard rail crew, one vista clearing crew, one sidewalk crew operated throughout the park. These crews represented 155 men. For two weeks the men worked six days a week, but this is being discontinued July 1 because of the appropriations cut. This is liable to cause a labor shortage.

New Construction. Fair progress is being made on both Unit 1 and Unit 2 of the Moran to Yellowstone approach road. Wet weather caused some delay the first half of the month, but during the latter half large quantities of grading were accomplished. Work on concrete structures is underway by both contractors and indications are that the work will be completed this year.

Project 1F3, G4, Repair to Canyon Slides and Washouts.--This job is being done by Park Service day labor. All funds are expended and most of the original work accomplished. However, additional slides and washouts developed this spring and these are being removed under routine maintenance when convenient. All bituminous work was completed, all new pipe placed, all rock gutters completed, and most of the bituminous gutter work was completed. The original 3,000 yards of slide material were removed, but several new slides developed this spring.

Construction projects active during the month consisted of:

Account 231.02, Repair Heating Plant, Building No. 13, under contract.--Work underway approximately 25% complete.

Account 323.08 and 323.10, Walks, Barriers, Gratings and Signs in Thermal Areas.--Work 90 per cent complete. Some prefabricated sidewalks still to be placed.

Account 333.01, Campground Extensions, Fishing Bridge and Old Faithful.--98 per cent complete.

Account 321.18, 1F3, G4, Grand Loop, Drainage and Surface Improvement.--All of allotment expended; 100 per cent complete.

Account 323.03, Grand View Point.--New point completed, old point removed. Parking area still to be done, 90 per cent complete.

Account 323.12, Campground Roads, Old Faithful.--Three loops cleared; one loop graded; barriers on one loop completed.

Account 323.14, Roads and Walks, Lake Hotel cottage area.--200 feet of concrete curb placed this month. Clearing completed on second leg of entrance.

Account 323.15, Campground extension, West Thumb.--600 feet of Road completed. Job 25 per cent complete.

Account 331,03, Comfort Stations, Old Faithful Campground.--Some material prefabricated; concrete foundations in place.

Account 331.05, Mess Hall, Road Camp, Lake.--Outside of building complete. Dining room lined.

Account 332.05, Water system for Campground, Old Faithful.--Water lines being placed in second loop.

Account 332.11, Sewage disposal system for Lake Area.--Work on power transformer vault started.

Account 332.13, Water System, New Utility Area, Lake.--Job completed.

Account 332.14, Sewer Lines, New Utility Area, Lake.--Job completed.

Account 333.02, Utilities, Tables, Fireplaces and Comfort Stations, Campground, Old Faithful.--Four comfort stations completed. Water, Sewer and Power completed on middle loop. Work just started on first loop.

Complaints. Three letters of complaint were received during the month, as follows: over-charge for room at Old Faithful Inn; condition of South Approach Road under construction and lack of warning signs; lack of bath at lodge cabins, extra cost for showers, and high cost of cabins due to monopoly.

Concessioners. The Telegraph Office in the Mammoth Hotel started serving the park on June 1 and on June 4 the Mammoth tourist cabins and garage opened; also Old Faithful and Lake Lodge cabins. The Haynes Canyon Shop opened June 5. Dr. Alfred M. Lueck arrived in the park June 8 to open the Mammoth Hospital. Dr. Lueck and Dr. John A. Pearson alternate two weeks each at the Mammoth Hospital. The Mammoth cottages and Grill opened June 11. Old Faithful and Lake Lodge dining rooms opened June 14 and the Mammoth cafeteria on the 17th. The railroads started delivering their passengers at the various park entrances on June 18, on which date the park buses also started operations, and the Canyon Lodge cabins and dining room, Roosevelt Lodge, Canyon, Lake and Old Faithful Hotels, the saddle horse operations, and the Roosevelt Lodge store opened on the same date.

Mr. W. M. Nichols, President of the Yellowstone Park Company, opened his office in the Mammoth Hotel on June 5.

The "Help Specials" bringing employees for the various concessioners in the park arrived at Gardiner and West Yellowstone on June 15.

The Yellowstone Park Company continued work on the dining room section of the Lake Hotel during the month. National Production Authority rulings have delayed construction of the Lake Hotel cottages. The Lake Lodge girls' dormitory is well underway.

Hamilton Stores, Inc. started construction of a girls' dormitory and dining room at Old Faithful on June 7 while the propane installations are currently at a standstill pending final approval of the plans for the Old Faithful Upper Store and Fishing Bridge Store. Periodical inspections were made of the cleanup work of the Old Faithful Swimming Pool and this is progressing satisfactorily.

Religious Services and Chapel Use. The regular Sunday School program as conducted in the Yellowstone Park Chapel each Sunday at 10:30 a.m. was concluded for the summer season with a service on June 3. On this date special awards were made to those Sunday School members with outstanding attendance records and a special plaque was presented to the winning Sunday School team for the 1950-51 winter.

The student ministers from Princeton Seminary arrived in the park on June 10 and on that morning conducted their first non-denominational Protestant service of the 1951 season. Student ministers will be Mr. Henry Strock, who will work at Mammoth and other stations on the upper half of the loop, and Mr. George Colman who will serve Old Faithful and those stations on the lower loop. The services conducted by these young men were well organized at the month's close with regular services being held at all stations, and choral groups, bible study classes and other functions of this type having been organized at each of the main loop stations.

Roman Catholic and Latter Day Saint services began on June 24 and will continue for the balance of the season.

During the month all details were completed for the entire religious services program for Yellowstone and a circular prepared outlining this for the information of all interested. In addition, printed posters were prepared by the Yellowstone Park Company in conformance with the schedule set up and these have been placed in conspicuous places so that people can be informed on the locations and hours of all services.

The Rev. E. A. Syms of Livingston, Montana, used the Yellowstone Park Chapel on June 18 when he conducted a baptismal service there.

Interpretive Services. The self-guiding trail at Norris by mid-month was in full operation with 65 labels having been installed. Plans have been laid for the installation of the introductory signs for trails at Clematis Gulch, Norris, Old Faithful and Roosevelt Lodge early in July when the construction of these signs has been completed by the carpenters and painters.

The entire interpretive services program was in operation by June 18.

Museum Activities and Exhibits. All museums were open and available to the public by mid-month and have proven to be popular places with the park visitor. Efforts have been made to touch up exhibits, exhibit cases and museum interiors and exteriors so that they present a polished appearance.

A pine marten was recovered by Park Naturalist Replogle on the 20th after having been killed by an automobile, and this animal was made into a splendid study skin for the park collection.

Park Ranger Naturalist Lowell Miller is handling the cut flower display at the Mammoth museum and Park Naturalist Lowell Biddulph is maintaining a splendid display of this kind at the Fishing Bridge Museum. By popular demand at Camp Roosevelt, Park Ranger Naturalist Thad Stevens is maintaining a small wild flower display there.

The four exhibit cases at Norris Museum have been given two coats of gray enamel, the information counter revarnished, all wrought-iron frames and signs have been painted with black enamel, the exhibit cases and rock trays on the museum interior have been polished with furniture wax and in general this museum presents a polished appearance.

The amphitheater at West Thumb is in a very dilapidated condition. It needs new logs and the screen backing has one post rotted off which has required bracing in order to maintain the unit in an upright position. This whole installation needs renovation. The same situation is prevalent at the Mammoth amphitheater area.

Research and Observation. The Giant Geyser in the Upper Geyser Basin has continued to erupt at regular intervals during the month of June and so far has maintained the schedule of between five and six days between eruptions.

Park Ranger Naturalist Samuel M. Beal had an unusual experience on June 24 when he was conducting the geyser walk and was fortunate enough to have members of his party witness the Grand Geyser eruption at 10:20 a.m., the Giant Geyser erupt at 10:30 a.m., the Riverside Geyser at 10:50 a.m., the Daisy Geyser at 11:00 a.m. and the Castle Geyser at 11:45 a.m. This is probably one of the most spectacular hydro-thermal shows that any group of people has ever witnessed.

At the close of the month the wild flower display which is developing along the roadside, especially around Bunsen Peak, on the old Tower Fall road and on the slopes of Mt. Washburn, is especially beautiful and is arousing a great deal of public enthusiasm and interest.

This year the snow flies in the vicinity of Yellowstone Lake have been greater in number than can be remembered by many old-timers who have been in the park. There were literally millions of these insects in the air and so many of their dead bodies accumulated in places that the countryside took on a definitely sour smell. There were days in mid-June when the clouds of insects were so dense that they virtually obscured vision and made it very difficult to breathe without breathing in insects, and it was virtually impossible to carry on a conversation in areas where the swarms were dense. The numbers gradually declined after the 20th of June, and after the month's close they were not in evidence.

The black bear have gradually increased in number alont the roadsides since the first of the month and on a trip around the loop on the 28th Chief Park Naturalist Condon saw 29 black bear. Among these were five females with cubs.

Two dead antelope were observed by Chief Park Naturalist Condon on June 30 near the Stevens Creek Ranger Station road. One of these was a mature buck and the other this year's kid.

On June 16 Chief Park Naturalist Condon was fortunate enough to see a female antelope immediately after giving birth to twin kids. This blessed event occurred near the junction of the Stevens Creek Ranger Station road and the old county road. Some photographs were made of the young antelope and the mother. Within a matter of less than 15 minutes the two kids were sufficiently strong to dash off with the mother so fast and so far that it was not practicable to follow.

A hike was made over the Mammoth Hot Spring Terraces on June 16 by Chief Park Naturalist Condon and it was found that considerable damage is being done to the springs by park visitors. Debris was found choking the Prospect Spring vent and this was removed. It is thought

that every effort should be made to remove foreign rocks from the terrace areas and that sleeper logs should be used as protective barriers where such are needed.

The "Black Dragon Cauldron" near the Mud Volcano area was visited several times during the month by Chief Park Naturalist Condon, and its activity is continuing in a violent manner. It is at the present time moving to the south into a large bank of clay. Before long it appears that water from the "Sour Lake" will gain entry into the crater of the "Black Dragon Cauldron" and this will undoubtedly materially change the activity of this feature.

Along the old road to Tower Fall in the Douglasfir forest there are this year a greater number of the Calypso bulbosa, lady slipper orchids, blooming than for the past several years. A careful observation on the 24th of the month revealed dozens of these in bloom right along the road shoulder. Along this drive the larkspur, shooting star, ground phlox, purple phacelia, lupine and balsam root are brilliantly coloring the landscape.

The need for additional protection of the hydrothermal areas became most pressing toward the months end and on the 28th Chief Park Naturalist Condon took supplies and a number of signs to Old Faithful for George Marler, other seasonal naturalists and the janitor to mount on wooden blocks and place in the geyser basin areas in an attempt to curb the misuse of many areas.

Bighorn rams have been reported as having been seen on the top of Mt. Sepulcher by hikers to that area. Park Naturalist Watson and a group of local scouts watched one ram near the top of the mountain on the 22nd and other parties have reported seeing a large buck antelope at an elevation of 9,000 feet on Sepulcher Mountain. This is thought to be a rather high spot to find animals of this type.

Natural History Association. The May June issue of Yellowstone Park Nature Notes was multilithed and placed in the mail during the first week of the month with 317 being mailed and 89 distributed locally.

The Yellowstone Library and Museum Association has cooperated with the Theodore Roosevelt National Memorial Park and purchased for them 2500 copies of Dr. Laird's publication on the geology of that area. These publications will be sold at the memorial park and the Yellowstone Library and Museum Association will be reimbursed for its investment from the revenue derived from these sales.

Mrs. Alice Quist has served as clerk for the Association during the month.

Miss Joan Swartzlow, employed as librarian by the Association, entered on duty June 21 and since that date has been classifying books, pamphlets and other library materials which have been acquired during the winter season.

The field libraries for Canyon, Old Faithful and Fishing Bridge were taken to those stations during the month, and in addition a large number of books have been issued on indefinite loan to personnel in the field for their use.

Sales of the Association at the information desks this year are ahead of last year and comparisons of the two years follow:

Museum	June 1951 Sales	June 1950 Sales	Increase for 1951	Percent of Increase
Mammoth	$ 537.10	$ 442.55	$ 94.55	21%
Old Faithful	1,338.75	844.30	494.45	59%
Fishing Bridge	337.30	197.65	139.65	71%

Increase or Decrease in Travel. A total of 215,523 persons entered the park this June as compared with 193,339 for the same period last year or an increase of 11.47%. The total travel for the present travel season through June was 272,988 persons as compared with 243,388 for one year ago or an increase of 12.16%. It is interesting to note that rail and bus travel this June was 2,138 persons as compared with 4,330 last June or a loss of 50.62%.

Visitors. James E. Shelton, President of the American Bankers Association, in June 21. Mr. Shelton was the principal speaker at the Montana Bankers Association meeting held in the Canyon Hotel.

Sten Karlberg, Teacher, Royal School of Forestry, Stockholm, Sweden, in June 14, out June 15.

John E. Coulson, United Kingdom Delegate to the United Nations, in June 25.

Ranger Service. Chief Ranger Curtis K. Skinner made three official trips to Big Hole Battlefield National Monument, one on the 3rd returning the 4th, for inspection purposes; one trip on the 12th to take Seasonal Park Ranger Hackett to the monument and place it in operation for the season as well as take supplies and equipment; and the third trip with Assistant Chief Ranger John Jay to transport additional supplies and to inspect the work of Seasonal Ranger Hackett.

Assistant Chief Ranger Leon Evans made a trip to Custer Battlefield National Monument on the 15th to assist Superintendent Luce with the plans for the celebration on the 75th Anniversary of the Battle of the Little Big Horn.

On the 24th, Assistant Chief Ranger Leon Evans, with Park Ranger Joe Way and Seasonal Park Ranger C. Robert Morey, made a trip to Custer Battlefield National Monument to assist in handling traffic and other protection work in connection with the actual celebration referred to above.

The sale of entrance permits was started on the 5th with the gates being manned from 7:00 a.m. until 7:00 p.m. It was necessary for the district rangers, as well as park rangers, to assist on entrance station work due to a shortage of seasonal personnel.

Two patrol cars were operated most of the month as personnel was available.

The majority of the Protection Division personnel was used in general administration and supervision of the districts and stations including the five entrance stations. As shown under the travel heading, there was an increase of 11.47% in travel for June this year compared with last year causing an increase in work load for the Protection Division in about the same proportion to protect the park visitors, carry out the necessary law enforcement work, investigate accidents and related duties.

Other activities included supervision of trail maintenance work in most districts, fish planting, telephone line repair, In-Service Training, repairing the horse pastures, taking the horses from Lamar Unit to the various stations and the remainder of the herd to the holding pasture on Upper Blacktail Creek.

The rangers stationed at Canyon, assisted by other personnel, effected a daring rescue of a 23-year old Yellowstone Park Company employee who fell a few hundred feet down in the Yellowstone Canyon. The rangers had to be lowered with ropes down over a cliff and raise the injured man by ropes in a wire stretcher.

Wildlife and Fish Cultural Activities. BEARS. Three persons sustained minor personal injuries as a result of encounters with bears bringing to four the total number of injuries of this type reported this season. Eight of thirteen cases involving property damage caused by bears this season were reported during June. Three black bears and one female grizzly bear with two cubs were shot during June as necessary control and safety measures. The female grizzly visited the Fishing Bridge campground almost nightly during late June and caused a reign of terror among the campers. Efforts to trap her were unsuccessful so it was necessary to dispost of her by other means. Eight bears, including three grizzlies, were trapped in developed areas and removed to more remote parts of the park. Two black bears trapped at Tower Falls and removed to a point 24 miles from the point of capture were back within 48 hours.

ELK. Biologist Joe Gaab, of the Montana Fish and Game Department, and two assistants tagged 74 elk calves during the period of May 28 to June 17. The 45 males and 29 females were captured, tagged and released in the area between Stevens Creek and the upper Gardiner River. A second elk calf tagging project was carried on in the Gallatin area within the park but report of the results has not been furnished.

On June 26, Chief Ranger Skinner and Assistant Chief Ranger Evans attended a meeting at Butte, Montana, to discuss and assist in developing plans to transplant surplus elk from the northern Yellowstone herd next winter. Representatives of the Forest Service and several sportsmen's organizations participated in the meeting.

FISH. No fish were planted in park waters during June. The streams were high and roily, making it necessary to defer fish planting work until the waters recede to near normal levels.

The Fish and Wildlife Service commenced operating the Grebe Lake station on May 23 and had taken 1,063,580 Montana grayling eggs by June 11 when spawn taking was terminated. Approximately 1,000 fish were taken in the traps. Of this number, approximately 20% were from 8 to 10 inches in length indicating that plants made in 1949 were quite successful.

The Fish and Wildlife Service crews took the first blackspotted trout spawn at Yellowstone Lake station on June 6 and by the end of the month had taken 9,112,575 eggs.

RODENT CONTROL. Control of ground squirrels in developed areas was carried on during early June and until the presence of increased numbers of visitors made it necessary to terminate the work. A total of 236 rodents were destroyed during the month.

Forest Fire Protection. A number of necessary details were worked out in the preparation of the West Yellowstone Parachute Loft. These include the construction of four tables to be used for parachute packing, the purchase of a new sewing machine and the acceptance of the bid of Bowler Air Service to furnish airplane service for the project.

Fifteen fire control aids reported by June 18 to begin their training. This training lasted until June 22 at which time most of these men went to their duty stations for the summer.

On June 26 the pre-suppression crew was assigned to the Snake River District to accomplish necessary pre-suppression work on the telephone lines and trails in that area.

On June 28, Messrs. Barrows and Hardy of the Northern Rocky Mountain Experiment Station were in the park. They visited a number of the fire weather stations and also installed some Appalachian fuel moisture sticks at the Old Faithful station which will be used in comparison with our ½" cylinders. They have also asked to install a set on Pelican Cone when that station opens for the season.

Blister Rust Control. A laborer leadman and a checker were hired on June 11 to open the Canyon camp and get the equipment ready for the season. The remainder of the crew reported on June 18. The crew was functioning well by the close of June.

On June 6 John C. Gynn of the Bureau of Entomology and Assistant Chief Ranger Chapman in charge of blister rust control work went to Sunlight Creek in the Tom Miner Basin to check on blister rust infections known to be in that area. A large portion of the small Whitebark Pines along the creek are now heavily infected with rust. This area is not more than two miles from Yellowstone Park.

Wood Utilization. On June 14 a four-man crew was sent to Old Faithful to saw up a portion of the stockpile as the supply of fuel wood was exhausted at that point.

Trails. An average of eight men have been employed in the park all month on trail maintenance working in most of the ranger districts clearing the trails, repairing bridges, corduroy and installing drains. The Howard Eaton Trail as well as the majority of the main administrative trails have been cleared with the exception of those in the more remote sections of the park and at high elevations. The winter snow has remained so deep in the higher country that trail work was impossible. It has been impossible to clear the trails to any of the primary lookout stations by the end of the month.

Difficulty has been experienced in securing high quality men for trail work who are experienced and willing to work away from established camps.

Grounds. Three men were employed all month caring for the grounds at park headquarters including the extensive lawns, shrubbery, Mammoth campground and the parade ground area in front of the hotel. In addition to routine maintenance work considerable improvements were made in the campgrounds by removing unsightly brush, debris, broken limbs and by landscaping certain sections.

Building Fire Protection. The inspection of practically all of the Government buildings in the park was completed by the end of the month. In connection with the inspections, all fire extinguishers were checked, refilled where necessary and two unserviceable ones were exchanged for good ones. Hazards of a minor nature were corrected at the time of inspections in so far as possible. A complete list of all hazards in Government buildings will be submitted to the proper division head for correction as soon as all inspections have been made. Immediate attention will be given to the hazards reported as serious.

Forty-four new, one and one-half quart carbon tetrachloride plunger type extinguishers have been ordered. A new Eastman Evacuator for use on two or three story buildings was also ordered.

The ranger inspections of the larger Yellowstone Park Company buildings was combined with the inspections made by the T. B. Miller

Agency, of Helena, Montana, who are the insurance underwriters for the company. A copy of the Miller Agency inspection reports will accompany our reports to be submitted to the Director's Office. As was true with the inspection of Government buildings, minor hazards in the concessioner buildings were made at the time of the inspections.

Building fire brigades had been organized at all the concessioner establishments in the park and test drills held for training purposes.

Accidents and Public Safety. A total of 46 motor vehicle accidents were reported during the month, consisting of 20 Class "A" and 26 Class "B". Injuries occurred in six of the accidents but no fatalities. Three of the accidents involved Government vehicles. Employees were involved in 14 of the 46 accidents, 6 of them being Government.

Law Enforcement. A total of twelve law enforcement cases was investigated and tried before the U. S. Commissioner during the month. The cases consisted of the following: Speeding 3, Drunk and Reckless Driving 5, Disorderly Conduct 1, Fishing Closed Waters and Too Many Fish 2, and Defacement of Natural Features 1.

Twenty cases of theft and pilferage were reported during the month.

Births. A daughter was born to Park Ranger and Mrs. Harry V. Reynolds, Jr. at the Mammoth Hospital on June 16.

Personnel. Hugh P. Beattie entered on duty as permanent Park Ranger, GS-5 on June 4, selection having been made from the Park Ranger register.

The transfer of Almon E. Dewing, Mechanic (Heavy Duty), Ungraded, to the position of Shop Foreman, Ungraded, Mt. Rainier National Park, became effective at the close of business June 30.

The indefinite appointment by transfer from the Corps of Engineers, Bismarck, North Dakota, to the position of Engineer (Civil), GS-9, $4,975 per annum, for Melvin A. Thuring, vice Robert S. Hursh, became effective June 25.

The transfer and promotion of Frank F. Kowski, Supervisory Park Ranger (District Park Ranger), GS-7, $4,075 per annum, to the position of Placement and Training Officer, GS-9, $4,600 per annum, in the Washington Office, became effective at 8:00 a.m. June 24.

The transfer and promotion of Ellis E. Gabbert from Olympic National Park to the position of Fiscal Accountant, vice Charles E. Fuller, was approved June 25. Mr. Gabbert expected to enter on duty about the middle of July.

Gene T. Herne entered on duty as Automotive Mechanic (Garage Mechanic), Ungraded, on June 27 by selection from the 13th Civil Service Region register.

Henry H. Kitchens entered on duty as seasonal Storekeeper, GS-3 on June 1, Dale H. Nuss as seasonal Property Clerk, GS-4 on June 4, Mrs. Valjher G. Jacobson as seasonal Statistical Clerk, GS-3 on June 5, Norma C. Fryslie as seasonal Clerk-Typist, GS-3 on June 18 and Patricia A. Shanstrom as seasonal Clerk-Stenographer, GS-3 on June 18.

One Camp Superintendent, GS-6 and one Checker, GS-5 entered on duty for blister rust control work during the month, and the naturalist force consisting of five GS-5 Park Naturalists and twenty-one Park Ranger Naturalists, IGS-4 was completed by the end of the month. Twenty-one seasonal Park Rangers entered on duty during the month and one seasonal Park Ranger was assigned to Big Hole Battlefield National Monument. Twenty-two seasonal employees were engaged for fire control work.

Joseph Joffe
Acting Superintendent

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