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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE NO. A2823

SUPERINTENDENT'S MONTHLY REPORT

AUGUST 1955

U. S. GOVERNMENT PRINTING OFFICE 16—22371-2

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

OFFICE OF THE SUPERINTENDENT

Summary of the August 1955 Monthly Narrative Report

		Page
WEATHER:	Ideal for visitors. Mammoth maximum 88°, minimum 36°. Low rainfall. Sunshine. Earth tremors at Shoshone Lake.	1
SPECIAL ACTIVITIES:	Rogers to Teton & Bozeman, Hamilton to Glacier, McMullin to Salt Lake for surplus, Anderson & Somerville to Salt Lake Disbursing Office, Barrows to Glacier & Teton, Robinson to Newcastle for Approp. Committee men, Wright to Columbus for surplus, Reynolds to FBI Academy. Jones back from Wind Cave assignment. Professional men workload survey. Yell. Park School Board. Retroactive pay checks. C. S. exams. Gallatin Cons. Comm. meeting, Kittams & Gilbert attended. C. T. Wright, Reg. Engr., PHS, Denver, to Wash.; K. C. Garthe successor.	1-3
INSPECTIONS:	Official visitors listed.	3
PUBLICITY:	Travel figures to mailing list. Presses advised of drownings & finding of bodies. Travel info to Park Co. News. 208,850 broadsides on hand.	3-4
PLANS, MAPS & SURVEYS:	Asst. Engrs. on surveys & supervision projects. Vint & Hall in review construction, etc. Turello, NODC, surveys. Other surveys, etc. Plans prepared.	4
MAINTENANCE:	Progress road repairs. Rains delayed oiling. Some men leaving. Some roads breaking up. Repairs to campground tables; wood cutting.	4
CONSTRUCTION:	Cutoff project near done. South Approach done except BPR items. Good progress Canyon comfort station job. Studer contract roads, etc. Canyon cabin area. Award recommended Canyon water & sewer, Inland Co. Work started Gallatin road projects. Other projects.	5-6
COMPLAINTS:	Three complaint letters handled.	6
CONCESSIONERS:	YPCo. closing dates approved. Grill hours reduced. Roosevelt Lodge closed. Child & J. Nichols trip to Los A. 8360 record house count for season. C. A. Hamilton to Mayos for surgery. ½¢ increase gas prices. Other Drs. in. Haynes Roosevelt shop closed. Pierson, liaison ranger, terminated. Construction.	6-7

MEMORIAL SERVICES: Various memorial services. Special Kennedy services.

INTERPRETIVE SERVICES: Full performance schedule, Alan Ian Carr director, Marie Alexander, Jill Lloyd, Tom Carr, Jonathan Ryan. Civil rights theme lessons taught.

SCENIC AND HISTORICAL: Museum open 4 regular. Regular monthly exhibit with one specially arranged. Museum lost out heavily and much.

RESEARCH AND OBSERVATION: Dual, Otto & Pamela Ferrer replaced Emilia Alfonso, observed bats, 2 bats overseen by one. Minerva Ferrera drive up for 3 days. Dr. Willowbrook to library on predator Mesopotamian bulbers. Cookin gr insects for Museum Natural History. Cookin observed 36 gridlines at dump. Dr. Dorf Ismail study park lots; grant to continue study. Dr. Bergman, Dolores Ibnet, or Nelson Ibnet to re-paint for museum. Hopper from Grasshopper Glacier drive. Hop wanted seed Carson to Moon Creek. Hopper observation bison & big horn.

MEETING HISTORY INVOLVED: Nature Notes. Pur Trustees regular prepared. Library. Allen Carson made presentation & process. Cookin continued with Mrs. Ruggler re her plaque book.

DONATIONS RECEIVED: Weekly Mem.

GATES: 4,[illegible]04 visitors, 2.1% increase over last. 1,[illegible] 1,175,659 amount to date, 2.0% increase.

CLEANUP: Annual visitors listed.

SCHOOL SERVICE: Various activities listed.

VISITOR INJURIES: Problem, 37 injuries, 14 accidents. None serious recover or destroyed.

ELK: Kitchen & Gilbert to Hillman Lake, meet. re. management facilities all hard.

FIRE: Shelter Cove Lake Fishery discussion with Fish men; assisted town re marking fish.

FOOD GROWING: Mistress made service house; 6-in pots, total 12 in pots. Tabon & Blackbir.

NOTES: Warm, dry, bestowed forests mustiny. Insects measured. Pictures of rabbit vs. Ranger presentation for range report, work done. Hikes for [illegible] life fulfillation.

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

CE OF THE SUPERINTENDENT

September 8, 1955

Memorandum

To: The Director

From: Superintendent, Yellowstone National Park

Subject: Monthly Report for August 1955

Following is the report of activities for Yellowstone National Park during the month of August 1955:

Weather Conditions. Weather conditions were ideal for visitor enjoyment of the park. The Mammoth Weather Station recorded a maximum temperature of 86° on the 1st, 5th, and 31st, which is about average for August. A minimum temperature of 36° was recorded on the 29th. Rainfall amounted to .62 inches which is below average. Sunshine and pleasant weather prevailed throughout most of the month.

Seasonal Ranger Lacy reported earth tremors at Shoshone Lake during the evening of August 5.

Special Activities. Superintendent Rogers made a trip to Grand Teton National Park on August 4 to confer with Superintendent Oberhansley on matters affecting both parks. On the 26th he went to Bozeman on research in the library on his legislative history project.

Assistant Superintendent Hamilton departed August 18 for Glacier National Park for a conference with Superintendent Emmert and other park officials on matters affecting both areas. He returned the 21st.

Electrical Supervisor McMullin made a trip to Salt Lake City, Utah, August 2-5 to take delivery of surplus property.

Administrative Officer Anderson and Fiscal Accounting Clerk Somerville left August 10 for Salt Lake City to confer with Division of Disbursement officials on accounting matters, returning the 13th.

Forester Barrows made trips to Glacier August 14-21 and to Teton August 10-12 and 23-26.

Mechanical Supervisor Robinson departed August 26 for Newcastle, Wyoming, to meet members of the House Appropriations Committee and help transport them to the park, arriving August 29.

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Supervisory Park Ranger Harold R. Jones returned August 21 from Wind Cave National Park where he had been on assignment since July 16 due to the illness of two members of the Protection Division there.

Property and Supply Assistant Wright made a trip to Columbus, Montana, on August 29 for surplus property.

District Park Ranger Reynolds left August 25 for Washington, D. C. to attend the Federal Bureau of Investigation National Academy 12-weeks session beginning the 29th.

All professional personnel, consisting of Engineers, Naturalists, Landscape Architect, Biologist and Forester, kept a detailed workload record for the period August 8-19. This was the final period for the survey, similar records having been maintained for the periods January 17-28, March 28-April 8, and June 6-17.

A new Yellowstone Park School Board was appointed August 18 by the Superintendent, with Willis Stanton reappointed as Chairman for a one-year period to August 1, 1956, Mrs. John Schmid appointed as Secretary-Treasurer for a three-year period to August 1, 1958, and Maynard Barrows to continue as a Member to August 1, 1957. The appointments of Mrs. Alice Quist, Secretary-Treasurer, and Willis Stanton, Chairman, expired on August 1.

Retroactive pay checks were received August 4 by all classified employees as a result of the Federal Employees Salary Increase Act of 1955, Public Law 94, 84th Congress, signed by President Eisenhower June 28, providing for a 7½% increase for classified employees. The checks covered the period March 13, 1955, through July 2, 1955, following which date the increase was included in the regular payroll.

The Local Civil Service Board held an examination August 10 for Clerk, GS-1-3 with one competitor and one on August 31 for Typist, GS-1-3 with two competitors. The examinations were conducted by Personnel Assistant Proper and Personnel Clerk Everett, respectively.

The Upper Gallatin Conservation Committee held its annual late-summer meeting at the Cinnamon Creek Forest Ranger Station between Bozeman and West Yellowstone and range ride starting from the 302 Ranch August 12, 13 and 14 to discuss management of the Gallatin elk herd. Biologist Kittams and District Ranger Gilbert from West Yellowstone represented the park at the meeting, which was held on the 14th.

Charles T. Wright, Regional Engineer, U. S. Public Health Service, Denver, Colorado, who has been in charge of Public Health

Service operations in Yellowstone for a number of years, was reassigned August 22 to the position of Chief, Technical Services Section, General Engineering Branch, Division of Sanitary Engineering Services, Public Health Service, Washington, D. C. Sanitary Engineer Edmund C. Carthe of Washington, D. C. has been appointed as Mr. Wright's successor in Denver.

Inspections. Eldred Corrick, Auditor, National Park Service, Washington, D. C., arrived August 3 to assist Supervising Auditor Peter J. McCunde and Auditors Merwin Seybolt and Leroy W. Pickett on inspection of National Park Service and concessioner accounts. C. E. Hardy, Acting Chief, Division of Fire Research, U. S. Forest Service, Missoula, Montana, in August 4 regarding fire danger rating problems, out 6th. Frank W. Childs, Regional Forester, and Robert B. Moore, Forester, NPS, Washington, D. C., in East August 7 on forestry and fire control matters, out 14th to Glacier with Forester Barrows. P. E. Smith, Supervising Engineer, Western Office, Division of Design and Construction, San Francisco, in East August 8, out 11th. Frank O. Walters, Assistant Division Chief, Blister Rust Control, Forest Service, Missoula, in August 8. Thomas J. Allen, Assistant Director, NPS, in August 14 with Mrs. Allen, out 17th. Howard W. Baker, Regional Director, in August 14, out 16th to Teton, in East August 29 with Appropriations Committee, out 31st to Teton. R. H. Mattison, Historian, Region Two, arrived August 14, left following day. John Morse, Electrical Engineer, WODC, and Albert W. Devins, Assistant Electrical Engineer, WODC, in August 21 on power study, to remain until about September 10. Harry J. Donahue, Assistant to Assistant Secretary Orme Lewis, in South August 27 and again 28th, out 29th. Erling Dorf, Department of Geology, Princeton University, Princeton, New Jersey, who has been in the park since June 25 engaged on fossil forest research work, left with his party August 28. John E. Doerr, Chief Naturalist, NPS, in August 29, to remain until September 6 when will leave for Teton. Dr. J. H. Pepper and Elsworth Hastings, Montana State College, in August 29 to make survey of possible damage by spruce budworm operations. David Scott and Dr. R. Dodge, Entomologists, Forest Insect Laboratory, Missoula, in August 29 for ground inspection of spruce budworm spraying results. Conrad L. Wirth, Director; Thomas J. Allen, Assistant Director; Thomas C. Vint, Chief, Division of Design and Construction, Washington, D. C.; and George F. Baggley, Regional Chief of Operations, in Northeast August 31, Messrs. Wirth, Allen and Baggley to leave for Teton the 4th and Mr. Vint the 7th. Sanford J. Hill, Chief, WODC, San Francisco, in South August 31, expects leave for Teton September 7.

Publicity. The comparative travel figures for July were mailed to the park's mailing list August 5.

The Associated Press and United Press were furnished information by telephone August 8 on the finding of the body of David Gaskell who was drowned in the Yellowstone River July 30, on August 14 on the

drowning in Lewis Lake of Charles M. Brauer and son Philip, on August 15 on the drowning of Terry Lee Prince in the Yellowstone River, and on August 22 on the finding of the body of Terry Lee Prince.

Information on park travel was furnished the Park County News of Livingston by telephone each week during the month.

A total of 208,850 Yellowstone broadsides remained on hand at the end of August.

Plans, Maps and Surveys. Assistant Engineers Schmid and Ketcham spent the entire month on surveys and supervision of construction projects at Inspiration Point, Fishing Bridge Campground and Lake Lodge Cabin Area.

Chief of Design and Construction Vint and Chief of Western Office, Division of Design and Construction Hill arrived in the park August 31 to review construction on projects and take part in the Yellowstone Park Company contract negotiations.

Landscape Architect David Turello on assignment from WODC staked all of the parking sites for cabins in the Canyon Cabin Area and these were reviewed on the ground. He also did reconnaissance work on the Upper Falls Trail and the trail from the village site to the Canyon rim and flagged the employees' trailer court site at Canyon government area, which was reviewed in the field.

Campsites have been staked at the Canyon campground and the placing of fireplaces, tables and opening of tent sites started August 29. Clearing of the Lake Lodge Cabin Area has been started and a number of the old cabins were moved to the Lake front section to make way for the new construction.

Plans prepared during the month included Roadside Exhibit; Mission 66 Study, 2479; Service Station Site, Canyon Village; Commercial Area and Service, 2477; and Commercial Building Study, Canyon Village, 2478.

Maintenance. Several rain storms during the month delayed road oiling operations. Seven miles of road were reprocessed or half-soled and eleven miles seal coated. Road maintenance crews spent 85% of their time on repair of the road surface, patching, crack-sealing and repair to the edge of the pavement. A number of men are leaving and replacements are very hard to get. This has been an exceptionally hard year on the roads. Many of the older plant mix jobs have started to break up. A small campground crew made repairs to 272 campground tables. A crew also cut timber for firewood, used at the Mammoth, Norris, Madison and Old Faithful campgrounds.

[illegible] in each lake of Florida [illegible] and [illegible] [illegible] 11 on the [illegible] of Ferry Lake Tables in the Tallahassee [illegible] on August 12 on the finding of the body of Ferry Lake [illegible].

Information on park travel was furnished the park [illegible] of visitors by telephone each week during the month.

A total of 200,650 Tallahassee [illegible] remained on [illegible] at the end of August.

Plans, Maps and Surveys. Assistant Engineers [illegible] and [illegible] spent the entire month on survey and supervision of construction projects at Inspiration Point, Tallahassee [illegible] and Lake Ocala Area.

Side of Design and Construction Work had [illegible] Office, Division of Design and Construction. Bill arrived in the park August 31 to review construction on projects and take part in the Tallahassee Park Company contract negotiations.

Landscape Architect David Shields on assignment from [illegible] staked all of the parking areas for cabins in the Lake Ocala area and these were reviewed on the ground. He also did reconnaissance work on the Upper Falls Trail and the trail from the village site to the Oleno River and flagged the employees' trailer court site at Oleno Park area, which was reviewed in the field.

Campsites have been staked at the Oleno campground and the placing of fireplaces, tables and opening of [illegible] started August 29. Clearing of the Lake Lodge Cabin Area has been started and a number of the old cabins were moved to the Lake from position to make way for the new construction.

Plans prepared during the month included Rosalie Mansion: Mansion Co Study, 2479; Service Station Site, Oleno Village Commercial Area and Service, 2477; and Commercial Building Study, Oleno Village 2476.

Maintenance. Several rain storms during the month delayed road oiling operations. Seven miles of road were reprocessed or half-oiled and eleven miles seal coated. Road maintenance crews spent 65% of their time on repair of the road surface, patching, cross-ditching and repair to the edge of the pavement. A number of new [illegible] and replacements are very hard to get. This has been an [illegible] hard year on the roads. Many of the older plant [illegible] have been [illegible] to break up. A small compound crew made repairs to 172 campground tables. A crew also cut timber for firewood, used at the Oleno, Florida, Madison and Old Fairfield campgrounds.

Construction. Norris-Canyon Cutoff Road, Route 12-A, Grading and Surfacing 4.075 miles on east end of cutoff, Peter Kiewit Sons' Company, Sheridan, Wyoming, contractor, 95% complete with some oiling, hand work and cleanup to be done, and probable date of completion September 15.

Project 2-C, Jackson Lake Road, Grand Teton, and Yellowstone, Route 9, South Approach Road, Bituminous Surfacing of 18.598 miles, Carl E. Nelson Construction Company, Inc., Logan, Utah, contractor, was completed and final recommendation for acceptance was made August 15. A number of day labor items remain to be done by crews of the Bureau of Public Roads.

Cop Construction Company, Billings, Montana, contractor for nine comfort stations and pumphouse in the Canyon Campground, has made very good progress and the project is approximately 70% complete.

Studer Construction Company of Billings, Montana, was awarded contract August 1 for Grading and Draining of Roads, Parking Areas and Walks in the new Canyon Cabin Area, with a bid of $69,497 for construction and $9,900 for surveying crew. The contract was signed August 24 by Assistant Director Allen and a crew moved in August 25 and started clearing operations.

Bids were opened August 9 for Canyon Water and Sewer System with Inland Construction Company of Omaha, Nebraska, low bidder in amount of $275,808 for construction and $18,960 for survey crew and recommendation has been made for final approval by the Washington Office.

Work was started during the month on that portion of the Gallatin Road, U. S. Highway 191, inside the northwest corner of the park under contract by the State of Montana to C. H. Ellc Company of Pocatello, Idaho and Peter Kiewit Sons' Company of Sheridan, Wyoming, for grading, graveling, bituminous surfacing and draining, which sections will be turned over to the State for maintenance after reconstruction.

Other construction projects active during the month were Observation Platform, Inspiration Point, Account 323.03, 70% complete; Miscellaneous Road Improvements, Account 323.18, 99% done and funds nearly exhausted; Fishing Bridge Campground Road, Account 323.19, project 50% complete with clearing nearly done and grading about 70% complete, with six of the nine loops having been cleared and graded and surfacing on three loops; Walks in Thermal Areas, Account 323.20, 90% done; Roads, Campsites, Barriers, Route 152, Fishing Bridge Campground, grade and surface 2148 feet drive and 8073 feet camp loop road, Account 523.1, 1% complete; Lake Lodge Area Roads, Route 151, grade and surface 2.75 miles, Account 523.2, 1% done; Pump House for Sewage System, Lake, Account 331.4, 100% complete; West Entrance Checking Station and Utilities Connections, Account 331.15, 100% complete; Main Sewer System, Lake, Account 332.16, 98% done; Utilities Connections, House Trailers, Account 332.18, 90% complete; Main Electric System, Canyon Area, Account

Construction. Norris-Canyon Junction Road, [illegible] and surfacing [illegible] miles on west end of project. Peter Kiewit Sons' Company, Sheridan, Wyoming, contractor, 99% complete with some [illegible] Road work and cleanup to be done, and probable date of completion September 15.

Project 2-A, Lewis Lake Road, Grand Teton, and Yellowstone Route 7, South Approach Road, bituminous surfacing of 11.775 miles; Carl [illegible] Nelson Construction Company, Inc., Logan, Utah, contractors, was completed and final recommendation for acceptance was made August 15. A number of day labor items remain to be done by crews of the Bureau of Public Roads.

Dye Construction Company, Billings, Montana, contractor for [illegible] comfort stations and [illegible] in the Canyon Campground, has made very good progress and the project is approximately 70% complete.

Studer Construction Company of Billings, Montana, was awarded contract August 1 for Grading and Draining of Roads, Parking Areas and Walks in the new Canyon Cabin Area, with a bid of $49,667 for construction and $9,900 for engineering [illegible]. The contract was signed August [illegible] by Assistant Director Allen and a crew moved in August [illegible] and started clearing operations.

Bids were opened August 9 for Canyon water and sewer system with Inland Construction Company of Omaha, Nebraska, low bidder in amount of $275,[illegible] for construction and $17,[illegible] for [illegible] recommendation has been sent and final approval by the Washington Office.

Work was started during the month on that portion of the Gallatin Road, U. S. Highway 191, inside the northwest corner of the park under contract by the State of Montana to [illegible] Company of [illegible], Idaho and Peter Kiewit Sons' Company of Sheridan, Wyoming, for grading, graveling, bituminous surfacing and drainage, which section will be turned over to the State for maintenance after construction.

Other construction projects active during the month were Observation Platforms, Inspiration Point, account 329.07, 70% complete; Miscellaneous Road Improvements, account 329.[illegible], 75% done and [illegible] nearly completed; Fishing Bridge Campground Road, account 310.17, project 50% complete with clearing nearly done and grading about 70% complete, with six of the nine loops having been cleared and graded [illegible] surfacing on three loops; walks in Thermal Areas, account 329.[illegible], 45% done; Roads, Campsites, Barriers, Route 152, Fishing Bridge Campground, grade and surface [illegible] feet drive and 8073 feet camp loop road, account 310.[illegible], 11 complete; Lake Lodge Area Roads, Route 151, grade and surface 3.75 miles, account 310.[illegible], 18 done; Pump Houses for Sewage System, Lake, account 322.4, 100% complete; West Entrance Checking Station and Utilities Connections, account 321.15, 100% complete; [illegible] Quarters, account 352.15, 98% done; [illegible] Connections, [illegible] account 322.16, 90% complete; Main Electric System, [illegible]

332.19, plans being prepared; Campground Facilities, Tables, Fireplaces, etc., Fishing Bridge, Account 333.3, 10% done with fireplaces set on two loops; Campground Facilities, Tables, Fireplaces, etc., Canyon, Account 333.4, 5% done with clearing of individual sites started.

Complaints. Three letters of complaint were handled during the month, as follows: (1) inferior food, uncleanliness and furnishing of only one small towel all at Canyon Hotel, (2) small quantity of food served for price charged at Old Faithful Cafeteria and necessity for standing in line there and alleged overpricing of food and accommodations in the park, and (3) service at Old Faithful Inn in proportion to price.

Concessioners. The closing dates for the various operations of the Yellowstone Park Company were approved by the Superintendent on August 9. The Mammoth Grill hours were reduced on the 29th to 7-9 am, 12-2 pm, and 6-8 pm. Roosevelt Lodge closed after breakfast on the 30th.

Huntley Child, Jr. and John Q. Nichols, Vice Presidents, Yellowstone Park Company, departed August 16 for Los Angeles, California, on Company business, returning the 19th and 20th respectively.

The record house count for the season occurred on August 16 with 8,360 visitors accommodated in the various hotels, cottages, lodges and tourist cabins in the park. Other counts of over 8,000 occurred on August 3 with 8,139; August 4, 8,260; 9th, 8,303; and 10th, 8,180 compared to 8,587 on the same date last year which is the largest count in the history of the park.

C. A. Hamilton, President, Hamilton Stores, Inc., was away from the park August 7-25 to the Mayo Clinic in Rochester, Minnesota, where he underwent surgery.

The gasoline prices in the park were increased August 3 from 34½¢ to 35¢ for Regular and from 37½¢ to 38¢ for Ethyl due to an increase in the tank wagon price of gasoline.

Dr. Thomas Clemons returned to the Mammoth Hospital from the Park Hospital in Livingston August 3, relieving Dr. L. M. Baskett, and Dr. Pearson relieved Dr. Lueck on the 18th and will remain until the hospital closes September 10.

The Haynes Picture Shop at Roosevelt Lodge closed August 29.

The services of Ralph Pierson, who was appointed June 13 as a seasonal Park Ranger assigned to liaison work between the Superintendent, concessioners and the public, were terminated at the close of August 31.

The Yellowstone Park Company is continuing renovation of Old Faithful Lodge main building floors. They have started construction of the comfort station and wash house at West Thumb and the pumphouse for Canyon water supply. Plans for the new cabin office at Old Faithful have been held in abeyance until the Director arrives in the park in September. Currently they are planning on Boat Keeper's Quarters at Lake Dock and West Thumb Boat Dock, new dock, power to dock and propane to comfort station at West Thumb. Haynes and Hamilton Stores do not have any construction projects currently pending or underway. Hamilton Stores, Inc. has been authorized to close in the rear porch of their Mammoth Store.

Religious Services and Chapel Use. The Yellowstone National Park Chapel was used during the month of August for the regular religious services which were set up in the schedule for the 1955 summer season. Protestant, Roman Catholic, and Latter Day Saints servides were held here. The Roman Catholic faith held a special service on August 15.

Interpretive Services. The Interpretive Program, as scheduled for the 1955 season, was conducted in full through mid-August, and with but minor curtailments carried out through the entire month. There were the regularly scheduled walks, talks, hikes, and other activities.

Park Naturalist Merkenham presented the movie "Geyserland in Winter" to the West Yellowstone Lions Club on August 9. There were 25 persons in attendance.

On the evening of August 27 Chief Park Naturalist Condon presented a special program to the group of Congressional representatives who were inspecting Yellowstone. This program was presented in the lounge of the Mammoth Hotel and the motion picture "Your Yellowstone" was used. There were 38 persons present.

On August 8 Mr. Condon and Dr. Erling Dorf conducted a group of 22 Girl Scout geologists to the Fossil Forest area on the lower end of Specimen Ridge.

Museum Activities and Exhibits. All of the museums were open to the public during the month of August and proved to be popular centers for the concentration of park visitors.

In addition to the five museums, the Wayside Exhibits were also available for use by park visitors. The exhibit at Artist Point proved to be very popular.

Due to the release of seasonal personnel, it was necessary to cut down on the museum hours toward the end of the month at Fishing Bridge, Madison, Norris, and Mammoth.

The Yellowstone Park Company is continuing renovation of its historical Lodge main building floors. They have started assembling of the comfort stations and wash house at West Thumb and the campground for Lagoon water supply. Plans for the new cabin office at Old Faithful have been held in abeyance until the Museum expansion in the park is finished. Currently they are planning on Bear Island, Lewis Lake at Lake Dock and West Thumb boat docks, new docks, piers to dock and propane to market station at West Thumb. Plans and specifications are not have any construction projects currently pending on Canyon Village, Tower, Lake, but have authorized to floor in the new room of Grand Canyon Store.

Yellowstone Services and General Use. The Yellowstone National Park Chapel was used during the month of August for the regular religious services which were set up in the schedule for the 1955 summer season. Protestant, Roman Catholic, and Latter Day Saints services were held. The Roman Catholic Priest held a special service on August 15.

Interpretive Services. The interpretive program, as scheduled for the 1955 season, was conducted in full through mid-August, and with but minor curtailments carried out through to a entire month. There were the regularly scheduled talks, hikes, films, and other activities.

Park Naturalist Jackson presented the movie "Yellowstone in Winter" to the West Yellowstone Lions Club on August 9. There were 25 persons in attendance.

On the evening of August 17 Park Naturalist Jackson presented a special program to the group of Congressional representatives who were inspecting Yellowstone. This program was presented in the lounge of the Mammoth Hotel and the movies showing "Long Lake Lodge" was used. There were 35 persons present.

On August 8 Mr. Jackson and Mr. Arling Ford conducted a group of 22 Girl Scout geologists to the Fossil Forest area on the Lower Geyser Ridge.

Museum Exhibitions and Exhibits. All of the museums were open to the public during the month of August and proved to be popular under the concentration of park visitors.

In addition to the fire museum, the aquatic exhibits were also available for use of park visitors. The exhibit at Artists Point proved to be very popular.

Due to the reduce of seasonal personnel, it was necessary to cut down on the museum hours toward the end of the month at Tower Bridge, Madison, Norris, and Mammoth.

Research and Observation. On August 14 Park Naturalist Beal and Chief Ranger Otto Brown and his son, Dennis, descended to the Devil's Kitchen by ropes to make observations of the bats living there and to attempt to catch some for museum specimens. The air in the cave was tested by lighting a flame and found to be good in all but one section of the cave. On the wall of the cave just above the area where the gas was found, there were two little brown bats (Myotis lucifugus) which were dead, and apparently had been overcome by suffocation. These were the only Myotis found in the cave. However, there were 35 or 40 western big-eared bats (Corynorhinus rafinesquii) in a fissure at the east end of the cave. The party was unable to reach these bats safely and so did not collect any for specimens.

Minerva Spring on Minerva Terrace dried up on August 1 and did not begin to flow a good volume of water until August 4. It was active during the balance of the month.

Dr. Ake Hullkrantz, Professor of Anthropology and History of Religion from Stockholm, Sweden, used the Yellowstone National Park Research Library on August 4 and 5 to obtain information on the Sheepeater Indians. Dr. Hullkrantz is preparing a detailed monograph on this particular Indian group.

During the month Chief Park Naturalist Condon collected a large number of insects which are being sent to the American Museum of Natural History. Dr. Fred Hartig is to prepare them for addition to the Yellowstone Park collection.

Mr. Condon spent some time on the evening of August 10 at the Trout Creek dump and observed 36 different grizzly bear. There were 33 of these animals in sight at one time.

Dr. Erling Dorf and his party of geologists from Princeton University spent the period of August 10-12 in the Gallatin Fossil Forest section of Yellowstone. Dr. Dorf reported excellent success in his collecting of fossil materials and that the past season has been an exceedingly productive one from the standpoint of collecting data and material. He also stated on August 24 that he had received a $15,000.00 grant from a research foundation for the continuation of the study.

Dr. F. Begemann of the University of Chicago Institute of Nuclear Studies was in the Chief Naturalist's Office on August 16. He discussed with Mr. Condon the radioactive isotopes of hydrogen and indicated the desire of the Institute of Nuclear Studies to obtain additional water samples from Yellowstone for tracing the tritium content. It was pointed out that eight five-gallon cans of water should be obtained from the same places the samples were obtained last year so that the studies can be continued. This water will be sent to the University of Chicago in September.

On August 26 Mr. David Yolton, an employee of the Yellowstone Park Company, together with several other of their employees, visited the Grasshopper Glacier and dug several grasshopper specimens from the ice. These specimens were placed in his pocket and on their return to Mammoth one of the grasshoppers proved to be alive. This was astounding to the group and the living specimen, along with the dead ones, were brought to the Headquarters Museum where they were examined and motion pictures made of the moving grasshopper. It is thought that these grasshoppers were only recently frozen in surface ice instead of having been impacted in the ice mass for any length of time. However, it was interesting to learn that they would become active again after having been frozen in solid ice.

On August 31 a trip to the Canyon-Trout Creek area was rewarded with observations of a number of interesting animals. Between Mammoth and Canyon, traveling via Tower Fall, a total of 31 black bear were seen along the roadside. Six moose were observed, two near Tower Junction, two on Antelope Creek, and two on the Yellowstone River near the mouth of Alum Creek. The grizzly bear at Trout Creek had dropped off in number, and only 14 of these animals were seen in the entire area.

Wildlife observations by Protection Division personnel included a herd of 69 bison in the Upper Lamar Valley on the 24th and 25th, 300-500 head of bison reported by Canyon Station in the Hayden Valley area, and a large bull observed in Dunanda Falls area in the Bechler River vicinity; also, 19 bighorn sheep reported by District Ranger Way in the Fossil Forest area on the 28th and 17 in one group east of Mt. Washburn Lookout by Park Ranger Contor on the 10th of which 6 were lambs.

Natural History Association. On August 4 the May-June issue of Yellowstone Nature Notes was completed and placed in the mail. There were 446 copies sent out.

Early in the month Park Naturalist Herkenham, the Association Clerk Alice Quist, and other members of the Interpretive staff at Mammoth worked on multilithing and assembling Fur Traders and Trappers of the Old West. There were 3,125 copies completed.

Mrs. Lucile Wagner was employed by the Association as Librarian. She terminated her services at the close of business August 17 and left the park August 18. Mr. Wagner had been hospitalized in the Mammoth Hospital since July 20 and his health was such that Mrs. Wagner had to return to their home in Salt Lake City.

The Association employed Wilson Condon to work in the darkroom making enlargements and contact prints. During his employment he made 160 8 x 10 enlargements and 100 4 x 5 contact prints. The Association paid him $37.50 for this work.

On August 26 Mr. [illegible], an employee of the Yellowstone Park Company, together with several other of their employees, visited the Grasshopper Glacier and dug several grasshopper specimens from the ice. These specimens were placed in his pocket and on their return to Mammoth one of the grasshoppers proved to be alive. This was astounding to the group and the living specimen, along with the dead ones, were brought to the Headquarters museum where they were examined and motion pictures made of the living grasshopper. It is thought that these grasshoppers were only recently frozen in surface ice instead of having been imbedded in the ice mass for any length of time. However, it was interesting to learn that they would become active again after having been frozen in solid ice.

On August 21 a trip to the Canyon-Trout Creek area was rewarded with observations of a number of interesting animals. Between Mammoth and Canyon, traveling via Tower Fall, a total of 21 black bears were seen along the roadside. Six moose were observed, two near Tower Junction, two on Antelope Creek, and two on the Yellowstone River near the mouth of Alum Creek. The grizzly herd at Trout Creek had dropped off in number, and only 14 of these animals were seen in the entire area.

Wildlife observations by Protection Division personnel included a herd of 65 bison in the Upper Lamar valley on the 24th and 25th, 200-300 head of bison reported by Ranger Chandler in the Hayden Valley area, and a large bull observed in Dunanda Falls area in the Bechler River vicinity; also, 19 bighorn sheep reported by District Ranger Ney in the Fossil Forest area on the 20th and 17 in the general area east of Mt. Washburn lookout by [illegible] on the [illegible] of which 5 were lambs.

Natural History Association. On August 4 the May-June issue of Yellowstone Nature Notes was completed and placed in the mail. There were 1150 copies sent out.

Early in the month Park Naturalist Condon, the Association Clerk Alice Grist, and other members of the interpretive staff at Mammoth worked on multilithing and assembling Fur Traders and Trappers of the Old West. There were 3,125 copies completed.

Mrs. Lucile Wagner was employed by the Association as librarian. She terminated her services at the close of business August 17 and left the park August 18. Mr. Wagner had been hospitalized in the Mammoth hospital since July 20 and his health was such that Mrs. Wagner had to return to their home in Salt Lake City.

The Association employed [illegible] Condon to work in the darkroom making enlargements and contact prints. During his employment he made 140 8 x 10 enlargements and 200 4 x 5 contact prints. The Association paid him $37.50 for this work.

On August 21 Mr. Condon talked to Mrs. Herma Baggley, who happened to be in West Yellowstone, about the manuscript for the book Plants of Yellowstone, which is being prepared by Mrs. Baggley and Dr. W. B. McDougall.

In-Service Training. Yellowstone's Weekly News was issued each Thursday to keep employees, concessioners and others informed of park happenings.

Increase or Decrease in Travel. Travel for August consisted of 431,784 visitors in 129,466 vehicles compared to 418,610 visitors in 125,451 vehicles in August 1954, an increase of 3.1%. Visitors for the season to date were 1,176,659 compared for the same period last year to 1,143,954, a 2.9% increase.

Special Visitors. Professor Kyun-sang Lee, Head of Department of Agriculture, College of Engineering, Seoul National University, Seoul, Korea, in West August 2, out West 5th. A Travel Editors' Tour sponsored by the State of Wyoming including Herb Beck, Travel Editor, Chicago American; Mrs. Ada Belle Hicks, Travel Editor, Ft. Worth (Texas) Star-Telegram; Ron Hall, Travel Editor, Motor News, Detroit, Michigan; Mrs. Pearl Anoe, Travel Editor, for Buick Magazine, Chicago Tribune, Colorado Guide Book and many others; and Willard Murfin, Secretary-Manager, Wyoming Travel Commission, in East August 1, out East 2nd; met by Sid Bowers, Detroit (Michigan) News, and Mrs. Bowers, in East August 1, out 2nd; and by Dave Roberts, Travel-Outdoor Editor, Detroit News, and Mrs. Roberts, in August 1, out 2, and in again August 30-31. Dr. John Craighead, Fish and Wildlife Service, and Robert Brown, Montana Fish and Game Department, Missoula, in August 2 with river boat equipment to aid in search for Landram body, out 4th. Clarence Arata, Executive Director, Greater National Capital Committee, Washington, D. C., in August 4 with family on visit. Lawrence Martin, Associate Editor, Denver Post, in South August 4, out South 6th, in 16th, out 20th for Teton. A Southern Railway Executives Party consisting of Harry A. DeButts, President of Southern Railway; W. M. King, Vice President; J. B. Hyde, Vice President; B. E. Young, Assistant to President; C. W. Gowl, Freight Traffic Manager; and R. L. Steele and J. A. Hanzook, Secretaries, in August 4 for fishing trip, out 5th. Andy Anderson, Outdoor Editor, Houston (Texas) Post, in with Mrs. Anderson August 9th. Walter Weber, Staff Artist for National Geographic Magazine and one of leading wildlife artists in country, on assignment to make number of paintings of park's large animals, in Northeast with Mrs. Weber August 11 to remain for few weeks. Kenneth C. Van Hee, Road Reporter, American Automobile Association, Washington, D. C., in East August 12. John F. Baldwin, Jr., Congressman from California, in August 15, out 16th. Congressman Edgar W. Hiestand of California and Congressman Roy W. Wier of Minnesota in Northeast August 20, out 23rd. Max Gilstrap, Chief of the Central News Bureau for the Christian Science Monitor, Chicago, in August 20,

On August 21 Dr. Gordon Ewing of Mr. Harry Hodgins, who
[illegible] to be in Yosemite, about the arrangements for the [illegible]
Flame of Yellowstone, which is being presented by Mr. Hodgins and Mr.
[illegible] Hodgins.

In-Service Training. Yellowstone's newly [illegible] was issued
each Thursday to keep employees, concessioners and others informed of
work programs.

Increase in Increase in Travel. Travel for August exceeded
of 4[illegible],7[illegible] visitors in 1[illegible] to [illegible] visitors to
1[illegible],[illegible] vehicles in August 1[illegible], an increase of 7[illegible]. Visitors for the
season to date were 1,[illegible],[illegible] compared for the same period last year
1,1[illegible],9[illegible], a 2.9% increase.

Special Visitors. Professor Kyo-Seng Lee, head of Department
of Agriculture, College of Engineering, Seoul National University,
Seoul, Korea, in each August 2, out last 5th. A travel authorized tour
sponsored by the State of Wyoming including Jack Dodge, Travel Editor,
Chicago American; Mrs. Ann Hollis Hines, Travel Editor, Ft. Worth (Texas)
Star-Telegram; Ron Hall, Travel Editor, Motor News, Detroit, Michigan;
Mrs. Pearl Auge, Travel Writer, for Dutch Magazine, Chicago Tribune,
Colorado Guide Book and many others; and Gilbert Martin, secretary-
manager, Wyoming Travel Commission, in Sept August 1, out Sept 2nd; and
by Old Homes, Detroit (Michigan) News, and Mrs. Homes, in Sept August 1
out 2nd; and by Dave Roberts, Travel-Outdoor Editor, Detroit Times, in
Mrs. Roberts, in August 1, out 2, and in again August 30-31. Mr. Ken
Hedgehead, Fish and Wildlife Service, and Robert Brown, Montana Fish and
Game Department, Missoula, in August [illegible] River Test equipment to be
in season for Lacrosse body, out 4th. Clarence Martin, Executive Director,
Greater National Capital Committee, Washington, D. C., in August [illegible]
family on visit. Lawrence Martin, Associate Editor, Denver Post, in
month August 4, out fourth 6th, in 16th, out 20th for Yaton. [illegible]
Railway Executive Party consisting of Henry [illegible], President of
Southern Railway; W. M. King, Vice President; J. E. Hyde, Vice President;
H. B. Young, Assistant to President; C. W. Coal, Freight Traffic Manager
and R. L. Steele and [illegible]. Hancock, Secretaries, in August 1 for Fish-
ing trip, out 5th. Andy Anderson, Outdoor Editor, Boston (Mass.) Post,
in with Mrs. Anderson August 9th. Walter Weber, Staff Artist for
National Geographic Magazine and one of leading wildlife artists in
country, on assignment to make number of paintings of park's large
animals, in Yellowstone with Mrs. Weber August 11 to remain for few
weeks. Kenneth C. Van Ilse, Road Superior, American Automobile
Association, Washington, D. C., in last August 12. John F. Melchin,
Jr., Congressman from California, in August 15, out 16th. Congressman
Roger W. Jones of California and Congressman Roy [illegible] of Kansas
in Northwest August 20, out 22nd. Max Gildberg, Chief of the Central
News Bureau for the Chrysler Museum Motor, Detroit, in August 20,

to obtain material for articles, out 23rd for Teton. Nathaniel P. Langford, III, Special Agent, The Northwestern Mutual Life Insurance Company, St. Paul, Minnesota, and Grand-Nephew of Nathaniel P. Langford, first Superintendent of Yellowstone, in Northeast August 22 with family, out 24th. Congressman Donald L. Jackson of California in East August 23 for visit in park and at Trevor Povah Ranch near West Yellowstone, out West 29th. Congressman H. R. Gross of Iowa in North August 24 with wife and son for couple days. Dr. Paul Pirlot, Institute for Scientific Research in Central Africa, spending year observing wildlife management in federal agencies and teaching zoology at Carroll College, Helena, Montana, in East August 25, departing for Helena September 1. Congressman E. Keith Thomson of Wyoming in East August 27 with large Congressional party following meeting at Valley Ranch near Cody, group including Congressmen Hamer H. Budge of Idaho, Orvin B. Fjare of Montana (in North 27th), Sam Coon of Oregon, Walt Horan of Washington, and John P. Saylor of Pennsylvania; and Lyle O. Snader, Minority Clerk of House of Representatives; J. Reuel Armstrong, Solicitor for Department of the Interior; Tom Flynn, Administrative Assistant to Assistant Secretary of Interior Orme Lewis; Gilbert Rodli, Western Representative, National Congressional Committee; Harold Slater (and Mrs. Slater), Washington, D. C., Representative, National Congressional Committee; J. Edward Smith, Cheyenne, Campaign Manager for Congressman Thomson; Richard I. Frost, President, Wyoming Travel Commission; Joe Budd, Member, Wyoming Legislature; Charles Stark, representing Governor of Idaho; Wesley Castle, Secretary to Governor Aronson of Montana; and Fred Martin, representing Governor Aronson, on inspection of park and operations, out South August 30. Governor J. Hugo Aronson in North August 27, out 28 for West Yellowstone, flying from Gardiner; met with Thomson Congressional party at Mammoth. Governor Milward Simpson of Wyoming in and out East August 29; met with Congressional party at Lake. Clyde Doyle, Congressman from California, in East August 29 for several days with family. Mason Weymouth, Rockefeller Foundation, San Francisco, in South August 29 to photograph museums in park with visitors, expected depart September 1. Several Members of the Sub-Committee of the House Appropriations Committee for the Interior Department in on inspection of park operations including Congressmen Ben F. Jensen from Iowa, Don Magnuson from Washington, and Louis C. Rabaut from Michigan; Carson W. Culp, Clerk of Sub-Committee; D. Otis Beasley, Administrative Assistant Secretary of the Interior; accompanied by Donald E. Clark, Regional Forester, Denver; and Howard W. Baker, Regional Director, NPS, in East August 29; and Congressman Alfred D. Sieminski (and Mrs. Sieminski) of New Jersey, in August 28; joined by Chester J. Olsen, Regional Forester, USFS, Ogden, and Arthur Buckingham, Forest Supervisor, Teton National Forest, Jackson, Wyoming, August 31; group out South to Teton August 31.

Ranger Service. Additional serious accidents, some of them fatal, required extensive investigation and rescue and search operations. The Chief Ranger and others in the Protection Division spent many hours

on these operations. As time permits search continues for the body of Robert Landram, Yellowstone River near Tower Fall, and the bodies of Charles M. and Phillip Brauer, Lewis Lake. Other activities included the operation of entrance and field stations, control of dangerous bears, highway and area patrols, accident investigations, fishing and boundary patrols, assisting people in automobile accidents, investigations of law violations and preparation of cases and hearings before the U. S. Commissioner, jail operation and care of prisoners, trail and other maintenance, fire presuppression and suppression of six forest fires, management of blister rust work and corral and ranch operations, wildlife management and observations. Most of the permanent ranger force were able to make orientation flights using the fire control plane at West Yellowstone which will add to their knowledge of the park. The Chief Ranger was directly active in operations involving major accidents; he conferred and made field trips with Washington and Regional Office personnel and made other inspection trips. The Chief Ranger's Office was busy supplying field stations with information, recording travel and other statistics, supplying materials, investigating and preparing court cases, preparing reports and correspondence, terminating and furloughing seasonal employees, processing accident reports, assisting visitors with information and guidance, handling lost and found articles and records, and taking care of identification notices.

Wildlife and Fish Cultural Activities. BEARS. Bears continue to be one of our worst worries. Twenty-seven persons were reported as being injured by bears, but in most cases they were bitten or clawed while feeding bears. Forty-six other reports of property damage by bears were recorded. Many bears believed to be dangerous were removed to isolated areas and eight were destroyed. Four additional bears were killed by traffic, one was destroyed because it had a tin can lodged in its throat and a 14th bear was destroyed because it was thought to be infected by rabies.

ELK. Biologist Kittams and District Ranger Gilbert represented the National Park Service at the Upper Gallatin Conservation Committee meeting on August 14. Prospects for a harvest large enough to make a substantial reduction in the herd and a favorable attitude toward specific action for reduction or redistribution of elk which might winter in the park are encouraging.

FISH. Studies of the Grebe Lake fishery were discussed with Fish and Wildlife Service people at the Lake and assistance in marking fish for release was rendered on August 4 and 17.

SWAN CENSUS. The cooperative trumpeter swan census was made on August 30 and 31 by Biologist Kittams with the Fish and Wildlife Service providing the plane and pilot. Counts of adults and cygnets were as follows: Yellowstone, 58 and 10; Grand Teton, 10 and 5; and adjacent areas, 35 and 14; a total of 103 adults and 29 cygnets. The count for Yellowstone is less than that for 1954, more than for 1953 and the same as for 1952.

on three occasions. A line cabin was moved [illegible] for the use of Forest Landman, Yellowstone Ranger Station [illegible], and the remains of Charles H. and Phillip Gruber, Lewis Lake. Other activities included the operation of overnight and field stations, control of numerous bears, highway and area patrols, accident investigations, fighting and boundary patrols, assisting people in automobile accidents, investigations of law violations and prosecution of cases and meetings before the U. S. Commissioner, full operation and care of [illegible], trail and other maintenance, fire prevention and suppression of six forest fires, management of [illegible] work and control and rescue operations, wildlife management and observations. Most of the rangers under Ione were able to take orientation [illegible] during the five months they were at most Yellowstone which will add to their knowledge of the park.

The District Ranger was directly active in operations involving major accidents, in conferred and made field [illegible] with Montana and Wyoming Offices personnel and with other Ranger [illegible]. The District Ranger's office was busy supplying field [illegible] with information, processing travel and other activities, supplying [illegible], investigating and processing court cases, preparing reports and correspondence, [illegible] and furnishing seasonal employees, processing accident reports, assisting visitors with information and guidance, handling lost and found articles and records, and taking care of [illegible] matters.

Wildlife and Fish Cultural Activities. [illegible] bears continue to be one of our worst worries. Twenty-seven persons were reported as being injured by bears, but in most cases they were either or claimed while feeding bears. Forty-six other reports of property damage by bears were recorded. Many bears believed to be dangerous were removed to isolated areas and eight were destroyed. Four additional bears were killed by traffic, one was destroyed because it had a tin can lodged in its throat and a fish bear was [illegible] because it was thought to be infected by rabies.

[illegible]. Biologist Kittams and District Ranger Gilbert represented the National Park Service at the Upper Gallatin Conservation Committee meeting on August 14. Proposals for a harvest large enough to make a substantial reduction in the herd and a favorable attitude toward specific action for reduction or redistribution of elk which might winter in the park are encouraging.

FISH. Studies of the Grebe Lake fishery were discussed with Fish and Wildlife Service people at the lake and assistance in marking fish for release was rendered on August 4 and 17.

BOAT CHARTS. The cooperative transporter boat charts was [illegible] on August 30 and 31 by Biologist Kittams with the Fish and Wildlife Service providing the plane and pilot. Counts of adults and cygnets were as follows: Yellowstone, 52 and 10; Grand Teton, 10 and 3; and adjacent areas, 35 and 14; a total of 103 adults and 27 cygnets. The count for Yellowstone is less than last fall [illegible], more than the 1957 and the same as for 1958.

Range. Relatively high temperatures and shortage of precipitation (0.62 inch compared to normal of 1.18 inches at Mammoth) hastened maturing of forage on the high range.

Range Conservationist Ralph Gierisch, U. S. Forest Service, assisted Biologist Kittams in laying out and measuring one cluster of transects in upper Hayden Valley on August 13.

Pictures of study plots for 1954 were compared by Mr. Kittams to those for 1950 to determine relative forage production and changes in vegetation. This information will be incorporated in his annual range report which is in completed rough draft stage.

Twenty-six slides were selected by Mr. Kittams and situations described for Mr. Brandborg's use in reporting condition of the northern Yellowstone range to the Board of the National Wildlife Federation.

Forest Fire Protection. Six Class A forest fires were suppressed. Four of these were lightning-caused and two man-caused.

At the close of the plane contract standby period August 20, the fire danger was still too high to release the plane to its home base. Therefore, it was necessary to establish the emergency presuppression Account 124 on August 24 to finance the retention of the plane until the emergency period is over. By August 31 the fire danger was still too high to release the plane and a fire on the Madison Plateau was attacked by two smokejumpers on August 31.

The entire smokejumper crew made one practice jump per man on August 5. All men made very satisfactory landings and no injuries were sustained. Two fires were jumped during August, one for the Gallatin National Forest near the park and one in the park on the Madison Plateau.

On August 11 a fire timekeeper training session was held in the Chief Ranger's Office by Payroll Supervisor Moore and Assistant Chief Ranger Chapman. Five men were given instruction in fire timekeeping.

Forester Barrows and Assistant Chief Ranger Chapman observed the smokejumper practice jumps at West Yellowstone on the 5th and continued to the Gallatin area to ascertain burning conditions on the right-of-way of the new road. During a trip to Missoula and Glacier Mr. Barrows, Forester Moore and Regional Forester Childs discussed cooperative fire control matters with Assistant Regional Forester Spaulding of the Forest Service and visited the Aerial Fire Depot at Missoula.

Building Fire Protection. The annual Fire Hazard Inspection Report was finished and ready for transmittal to the Region on August 4.

[illegible]

[illegible] tion [illegible] company to round up 1,000 [illegible] [illegible] returning of [illegible] on the high [illegible].

[illegible] Conservation [illegible] Bureau, U. S. Forest Service, [illegible] biologist William [illegible] in logging [illegible] [illegible] of [illegible] in upper Hayden Valley on August 23.

Pictures of [illegible] plots for [illegible] were [illegible] by Mr. [illegible] to these for 1950 to determine relative forest production [illegible] in vegetation. This information will be incorporated in his annual range report which is in preparation now [illegible].

Twenty-six [illegible] were [illegible] by Mr. [illegible] on [illegible] described for Mr. Brandberg's use in reporting condition of the [illegible] Yellowstone range to the Board of the National Wildlife Federation.

Forest Fire Protection. Six [illegible] a larger fire were suppressed. Four of these were lightning-caused and two man-caused.

In the close of the plane patrol [illegible] period August 20 the fire danger was still high so [illegible] the plane to its home base. Therefore, it was necessary to establish the emergency [illegible] protection account [illegible] to finance the operation of the plane until the emergency period is over. By August 31 the fire danger was still [illegible] to release the plane and a [illegible] on the Madison [illegible] was [illegible] by two [illegible] on August 31.

The entire [illegible] were made one [illegible] jump per day on August 5. All was made very satisfactory landings and no injuries were sustained. The fires were [illegible] during August, one for the Gallatin National Forest near the park and one in the park on the Madison [illegible].

On August 11 a fire [illegible] training session was held in the Chief Ranger's office by [illegible] [illegible] and [illegible] Chief Ranger [illegible]. Fire [illegible] were given [illegible] in fire fighting.

Forester [illegible] and [illegible] Chief Ranger [illegible] [illegible] the newspaper practice jump at [illegible] Yellowstone on the 9th and [illegible] to the Gallatin area to [illegible] [illegible] conditions on the right-of-way of the new road. During a visit to Missoula and [illegible] Mr. [illegible], Forester [illegible] and [illegible] Forester [illegible] discussed cooperative fire control matters with [illegible] [illegible] Forester. [illegible] of the Forest Service and visited the Aerial Fire [illegible] Missoula.

Building Fire Protection. The annual fire [illegible] [illegible] was finished and ready for [illegible] to the region on [illegible].

Fourteen CO_2 fire extinguishers were installed in residences where oil installations have been recently made, replacing unsuitable and worn out extinguishers in these buildings.

On August 12 a Chevrolet Truck Fire Pumper was demonstrated for the concessioners at Gardiner by a Billings firm. This unit was purchased and placed at Old Faithful where it will serve the concessioners in that area as a fire protection unit. This vehicle is equipped with a 1,000 gallon tank and a Barton 500 gallon per minute pump.

Comments on the report of the Old Faithful dormitory fire including recommendations for improvements were submitted and discussed.

Blister Rust Control. White pine blister rust control work was carried on throughout the month with crews working on Mount Washburn and Carnelian Creek. Forest Service Blister Rust Area Leader John C. Gynn and Assistant Area Leader Clarence Chapman spent considerable time in the park during the month aiding in the blister rust control program. Frank Walters, Assistant Chief of Blister Rust Control, U. S. Forest Service, Missoula, was in the park on blister rust matters August 8 and 9.

The proposed blister rust control areas at Canyon, Fishing Bridge and Clear Creek were inspected on August 9 by Messrs. Moore, Childs, Gynn, Walters, Edwards and Barrows.

Forest Insects. As a further check on the effectiveness of the spruce budworm control project, a moth lantern was operated by Forester Barrows in two different locations at Mammoth from August 5 through the 28th. Only one or two budworm moths were captured in the daily collections at Mammoth while large numbers were captured in another location at Chico Hot Springs outside the control area. The moth collections were turned over to the Forest Insect Laboratory at Missoula for further study. Inspection trips were made with Dr. Dodge on August 6 and with Messrs. Dodge and Scott, both Entomologists with the Forest Insect Laboratory at Missoula, on August 29 to check further on budworm mortality. A few isolated spots were found where either moths were identified or pupal cases were present to indicate some survival, but in general the control job appeared entirely successful.

Forester Moore and Regional Forester Childs were conducted over part of the Yellowstone budworm control area by Mr. Barrows and this project and other insect problems were discussed with Messrs. Johnson, Terrill, Dodge, and Sutliff while Messrs. Moore, Childs and Barrows were all at the Forest Service Office in Missoula.

During the latter part of August Yellowstone rangers reported a sizeable area in the vicinity of Ranger Lake in the Bechler section infested with budworm in lodgepole. This infestation has been reported

Fourteen CC, five extinguishers were installed in residences where oil installations have been recently made, replacing wooden and worn out extinguishers in some buildings.

On August 12 a Chevrolet truck fire pumper was inspected for the concessionaires at Cardiner by a Billings firm. This unit was purchased and placed at Oil Fathful where it will serve the concessions in that area as a fire protection unit. This vehicle is equipped with a 1,000 gallon tank and a Darlan 750 gallon per minute pump.

Comments on the report of the Oil Fathful auxiliary fire including recommendations for improvements were submitted and discussed.

Blister Rust Control. While pine blister rust control work was carried on throughout the month with crews working on Mount Cardiner and Canadian Creek. Forest Service Blister Rust Area Leader John G. Cyr and Assistant Area Leader Clarence Dawson spent considerable time in the park during the month adding in the blister rust control program. Frank Saltero, Assistant Chief of Blister Rust Control, U. S. Forest Service, Missoula, was in the park on Blister rust matters August 8 and 9.

The proposed blister rust control areas at Canyon, Fishing Bridge and Clear Creek were inspected on August 9 by Messrs. Moore, Ohlis, Cyr, Saltero, Edwards and Barrows.

Forest Insects. As a further check on the effectiveness of the spruce budworm control project, a team Jackson was operated by Forester Barrows in two different locations at Kamath at Kamath [illegible] through the 20th. Only one or two budworm moths were captured in the daily collections at Kamath. Quite large numbers were captured in another location at Chico Hot Springs outside the control area. The moth collections were turned over to the Forest Insect Laboratory at Missoula for further study. Inspection trips were made with Dr. Baker on August 6 and with Messrs. Dodge and Scott, both entomologists with the Forest Insect Laboratory at Missoula, on August 20 to check further on budworm availability. A few isolated moths were found where other moths were identified or pupal cases were present to indicate some survival, but in general the control job appeared entirely successful.

Forester Moore and Regional Forester Ohlis were conducted over part of the Yellowstone budworm control area by Dr. Barrows and this project and other insect problems were discussed with Messrs. Johnson, Terrill, Dodge, and Smith while there. Moore, Ohlis and Barrows were all at the Forest Service Office in Missoula.

During the latter part of August Yellowstone rangers reported a disease area in the vicinity of Hunter Lake in the Gardiner section infested with budworm in Douglas. This information has been reported

to Phillip Johnson at the Forest Insect Laboratory and if possible will be included in the aerial detection surveys now in progress.

Entomologists James Popper and Ellsworth Hastings of Montana State College and Biologist Kittams made follow-up collections of aquatic insects in Hellroaring and Tower Creeks on August 29 and 30 for the study of effects of DDT spraying.

Trails. Trail maintenance work was practically completed in most districts by the end of August. Two maintenance men were moved from the Lamar District to West Yellowstone on August 22 and will remain there the balance of the season. Three men terminated near the end of the month to return to school, reducing the trail crew to seven men on August 31. The remaining crew will be used mostly in putting up trail markers for the rest of the working season. It is anticipated that trail maintenance work will be completed for this year about September 15.

Ranch and Corral Operations. Kenneth Meigs of Livingston, Montana, was awarded contract on August 2 for cutting, baling, hauling and stacking the hay at Lamar Unit for $16.50 per ton. Operations have been progressing satisfactorily at Lamar Unit. The 48 acres of new meadow produced 99 tons of hay. The last crop harvested before cultivation was 20 tons on this 48 acre tract.

Grounds. Much of the crew's time has been spent in watering burned lawn areas, and removing dead trees in the Mammoth area. Mowing is tapering off and it is planned to leave grass fairly long for protection over the winter. The grounds crew has assisted in moving household goods of reassigned rangers.

Accidents and Public Safety. A total of 77 motor vehicle accidents was reported. Of these, 25 were classed as minor (less than $100 damage and no personal injuries), 40 Class A (damage $100 and over, no personal injuries), and 12 Class B (accidents in which personal injuries were sustained.

On August 3 an attempt was made by rangers and Dr. Craighead of the Fish and Wildlife Service to reach the talus slope in the vicinity of where Robert Landram fell to his death in the Yellowstone Canyon near Tower Fall. This attempt was made by rubber raft but failed when one raft broke up in the swift current and the other overturned after striking a rock. On August 30, three men from Salt Lake City were given permission to continue the search. They successfully swam the river and searched the slope and brush covered areas but failed to find any trace of the victim.

to [illegible] Johnson at the Forest Insect Laboratory and it would [illegible] be included in the general discussion covering the 19[illegible] year.

Entomological Insect Damage and Control Testing. [illegible] Texas College and Biological Station made a follow-up collection of specific insects in Hallsville and Tyler counties on August 20 and 30 for the study of effects of "T" spraying.

Trails. Trail maintenance work was practically completed in most districts by the end of August. Two maintenance men were [illegible] from the Lufkin District to Zion Valley on October 22 and will remain there one [illegible] of the month. These men formulated over the [illegible] of the month to return to school, reducing the trail crew to [illegible] men on August 31. The remaining crew will be used mostly in [illegible] trail markers for the rest of the working season. It is anticipated that trail maintenance work will be resumed in Zion Valley about September 15.

Camp and General Operations. [illegible] Camp Tatum at Livingston, Texas, was closed [illegible] a few months, beginning [illegible] and changing the [illegible] at least one [illegible] ton. [illegible] have been progressing satisfactorily [illegible] Unit. [illegible] of [illegible] produced 17 tons of hay. The last crop harvested before cultivation was 20 tons on this 13 acre tract.

Fencing. [illegible] of the [illegible] have been [illegible] burned [illegible] areas, and repairing [illegible] in the Sabine [illegible]. [illegible] is [illegible] and it is planned to [illegible] fence [illegible] section over this winter. The [illegible] area has [illegible] [illegible] hold goods of [illegible] value.

Fatality and Public Safety. [illegible] total of 17 [illegible] [illegible] [illegible]. Of these, [illegible] were classed as minor (less than [illegible] damage and no personal injuries), 10 [illegible] (damage [illegible] and over, no personal injuries), and 12 [illegible] fatalities in which [illegible] injuries were sustained.

On August 3 an attempt was made by [illegible] and Mr. [illegible] of the Fish and Wildlife Service to reach the [illegible] slope in the vicinity of where Robert [illegible] fell to his death in the [illegible] Canyon near Zion Hill. This attempt was made by [illegible] but [illegible] than one rock broke up in the [illegible] and the [illegible] overturned after obtaining a rock. On August 31, there was [illegible] [illegible] were given permission to continue the [illegible]. They successfully [illegible] the river and searched the slope and [illegible] covered terrain but failed to find any trace of the victim.

The body of David Gaskell, who drowned in the Yellowstone River near the Dragon's Mouth while fishing with his father on July 30, was recovered by rangers near the mouth of Trout Creek, approximately two miles below the scene of the accident, on August 8.

On August 15, Terry Lee Prince, age 7 years, was drowned in the Yellowstone River while fishing under the bridge near Tower Junction. The boy slipped from the rocks into the swift current and attempts at rescue by his grandfather were unsuccessful. Searching of the river was continued until August 22 when his body was recovered near Yancey's Hole.

On August 13, Charles M. Brauer and son Phillip were lost in Lewis Lake when their small boat foundered during a sudden severe storm. Continued searching of the lake and the shoreline by boat, on foot and by plane has been conducted to date without finding the victims. Dragging operations were also carried on but have been hampered by deep water. The eventual finding of the bodies is doubtful due to the low temperature of the water and the extreme depth of the lake, which in some places is over 300 feet. Daily patrols by boat were still being carried on at the end of the month.

Law Enforcement. A total of 43 cases were presented before the U. S. Commissioner during July. These cases involved 44 people charged with a total of 51 offenses or violations of National Park Service Rules and Regulations. Fines assessed totaled $620 and two individuals received jail sentences of ten days each. Three cases were dismissed for various reasons, four cases received suspended sentences and four cases received the choice of a fine or jail sentence and all chose to pay the fine. Charges were as follows: Excessive Speed - 30, Disorderly Conduct - 3, Reckless Driving - 2, Petty Larceny - 2, Commercial Boat Operations - 2, Boating Beyond One-fourth Mile Limit on Yellowstone Lake - 2, Molesting Thermal Feature - 1, Failure to Stop at Scene of Accident - 1, Driving off Designated Roadway - 1, Simple Assault - 1, Failure to Stop at Entrance - 1, Drunken Driving - 1, Assault and Battery - 1, Leaving Campfire Unattended - 1, Driving Without Driver's License - 1, Shooting of Fireworks - 1.

Pending at the end of August are the following cases still under investigation: Burglary (including automobile burglary) - 6, Grand Larceny - 9, Petty Larceny - 9, Petty Larceny solved - 1, and Auto Theft Apprehension - 1 (turned over to Montana authorities).

Deaths. Charles M. Brauer, 47, and son, Phillip, 12, of Encino, California, presumably drowned in Lewis Lake on August 13 when a sudden storm capsized their boat while they were fishing on the lake. Their bodies had not been recovered by the end of the month.

Terry Lee Prince, 7, Norwalk, California, drowned in the Yellowstone River at the bridge near Tower Fall on August 15. He

The body of David Jackson, who drowned in the Tuolumne River near the Dragon's Lair while fishing with his father on July 20, was recovered by rangers near the mouth of Tuck Creek, approximately two miles below the scene of the accident, on August 6.

On August 15, Terry Lee Phipps, age 7 years, was drowned in the Tuolumne River while fishing under the bridge near Tuck Junction. The boy slipped from the rocks into the swift current and attempts at rescue by his grandfather were unsuccessful. Searching of the river was continued until noon 22 when his body was recovered near Yancey's Mill.

On August 13, Charles E. Turner and Ann Phillips were lost in Leslie Lake when their small boat foundered during a sudden severe storm. Continued searching of the lake and the shoreline by boat, on foot and by plane has been conducted to date without finding the victims. Searching operations were also carried on but have been hampered by deep water. The eventual finding of the bodies is doubtful due to the low temperature of the water and the extreme depth of the lake, which is some places is over 300 feet. Daily patrols by boat are still being carried on at the end of the month.

Law Enforcement. A total of 41 cases were prosecuted before the U. S. Commissioner during July. These cases involved 41 people charged with a total of 71 offenses or violations of National Park Service rules and regulations. These charges totaled $240 and the individuals received jail sentences of ten days each. Three cases were dismissed for various reasons, four cases involved suspended sentences and four cases received the choice of a fine or jail sentences and all cases in my file. Charges were as follows: Excessive speed - 30, Intoxicated conduct - 1, Reckless Driving - 3, Petty Larceny - 2, Commercial Photographs - 2, Fishing beyond one-fourth mile limit on Yellowstone Lake - 2, Violating Posted Feature - 1, Failure to stop at scene of accident - 1, Driving off Designated Roadway - 1, Simple Assault - 2, Failure to stop at Entrance - 1, Drunken Driving - 1, Assault and Battery - 1, Leaving Campfire Unattended - 1, Driving Without Driver's License - 1, Shooting of Firearms - 1.

Pending at the end of August are the following cases still under investigation: Burglary (including automobile burglary) - 6, Grand Larceny - 3, Petty Larceny - 3, Petty Larceny solved - 1, and Auto Theft Apprehension - 1 (turned over to Indian authorities).

Profile. Charles E. Turner, 47, and son, Phillip, 12, of Modoc, California, accidentally drowned in Leslie Lake on August 13 when a sudden storm capsized their boat while they were fishing on the lake. Their bodies had not been recovered by the end of the month.

Terry Lee Phipps, 7, Yorkville, California, drowned in the Tuolumne River at the bridge near Tuck Mill on August 15.

slipped from a rock while fishing with other members of his family and was swept away by the strong current. Attempts to rescue him were unsuccessful. His body was recovered near Yancey's Hole, about a mile downstream, on August 22 and turned over to Franzen Mortuary in Livingston for return to California.

Mrs. Frank Langevin, operator of Nora's Cafe in Gardiner and mother of Richard and Frank, Jr. Langevin who are employed here as Truck Drivers with the National Park Service, passed away August 15 in Spokane, Washington, where she had been receiving medical treatment. Burial was in Butte, Montana.

Carl Evart Clark, 65, of Long Beach, California, died of a heart attack at Old Faithful Campground early in the morning of August 20 while visiting the park with his wife. His body was removed by Franzen Mortuary for return to Sunnyside Mausoleum, Long Beach, California.

The body of David Gaskell, 12, Ypsilanti, Michigan, who was drowned July 30 in the Yellowstone River while fishing with his father near Mud Volcano, was recovered August 8 about two miles below where the drowning occurred and turned over to Franzen Mortuary for shipment to Ypsilanti.

Births. A son, Jack Lee, was born to Mr. and Mrs. Robert Stewart of Miner, Montana, at the Mammoth Hospital on August 5.

A daughter, Martha Ann, was born August 26 to Mr. and Mrs. Edwin Chamberlin at the Park Hospital in Livingston. Mr. Chamberlin is employed as a Property and Supply Clerk in the Fiscal Office.

Marriages. Seasonal Ranger Robert H. Richins of Henefer, Utah, and Betty Louise Evert were married at Worland, Wyoming, August 25, 1955.

Personnel. Changes of position were received August 14 by David W. Pierson from Head Animal Keeper, CPC-9, to Agricultural Aid (Animal Keeper), GS-7, and James C. Kimberlin from Assistant Animal Keeper, CPC-7, to Agricultural Aid (Animal Keeper), GS-5.

William G. Proper, Personnel Assistant, GS-9, was selected August 26 as Regional Personnel Officer, GS-11, for the new Region Five Office in Philadelphia effective November 29. Prior to entering on duty there he will attend a six-weeks training course for Regional Personnel Officers being held in the Washington Office beginning October 3.

The temporary appointment of William R. Reed as Messenger, GS-1, was terminated at the close of August 26, Phyllis E. Reed returning to duty August 29 from a recent appendectomy.

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In duplicate
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Warren F. Hamilton
Acting Superintendent