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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE NO. A2823

SUPERINTENDENT'S MONTHLY REPORT

JULY 1954

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 July 1954 Monthly Narrative Report
YELLOWSTONE NATIONAL PARK

		Page
WEATHER:	Balmy, low rainfall, lightning fires, cloud-bursts northeast section, earth tremors.	1
SPECIAL ACTIVITIES:	Rogers to Teton, Red Lodge, Livingston with Beasley. Hamilton to Pocatello for Beasley. Hattson to Teton. Kittams to Big Horn Forest confer on range surveys. Brown to Bozeman, Livingston employment seasonal rangers. Reynolds to Missoula air operations training. Robinson, Winning, Jump to Ogden and Robinson & Wright to Arco & Teton for property. Meeting at Lake re Gallatin Road. Gates & CHO on 24-hour schedule. New rental rates, decreases. C. S. exam.	1-2
INSPECTIONS:	Official visitors listed.	2-3
PUBLICITY:	Travel figures mailed. Travel info to Denver Post. Press release on Fish Hogs. 271,900 broadsides on hand.	3
PLANS, MAPS & SURVEYS:	Smith & Montgomery from Western Design Office on review projects. Surveys, plans, drawings, etc. engineers and architects.	4
MAINTENANCE:	Cloud-bursts damaged Red Lodge road. Status road maintenance. Chipper received & operating well. Portable hot plant in operation and doing well.	4-5
CONSTRUCTION:	Status Norris-Canyon, Canyon Area Roads, Canyon Campground Roads contractor projects. Acceptance Teton-Yellowstone road & approach road project. Award pending Canyon comfort stations & pumphouse. Other active projects listed. Powerhouse additions.	5-6
COMPLAINTS:	Three complaint letters on concessioner facilities.	6
CONCESSIONERS:	Doctors & nurse arrived. 7 house counts over 8,000. Old Faithful laundromat, showers & bath cabins in operation. Work on Hamilton West Thumb store addition.	6
RELIGIOUS SERVICES:	Church services, choir practice, Bible school.	7
INTERPRETIVE SERVICES:	Thermal area & self-guiding trail signs. Public address units. Interpretive services full operation. Improvised campfire circle at Madison.	7

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August 11, 1954

Memorandum

To: The Director

From: Superintendent, Yellowstone National Park

Subject: Monthly Report for July 1954

Following is the report of activities for Yellowstone National Park during the month of July 1954:

Weather Conditions. Weather at Mammoth was generally balmy and pleasant although somewhat windy. Rainfall of 0.90 inch was less than usual, most of it occurring during the middle of the month. The light rains were accompanied by lightning, which caused several small fires. Temperatures were high during the first two weeks with a maximum of 94° recorded on the 12th, a near record. The minimum of 28° was recorded on the 23rd. Several heavy rain storms occurred in the Northeast Entrance area, three cloud-bursts blocking or damaging the road.

Earth tremors were noted at 12:40 a.m. and 9:32 a.m. on the 4th at Mammoth headquarters and along the west side of the park and Old Faithful.

Special Activities. Superintendent Rogers made a trip to Grand Teton National Park July 14 in company with W. W. Nichols, President of the Yellowstone Park Company. On the 16th he went to Red Lodge to inspect the Northeast Entrance Approach Road and on the 30th took D. Otis Beasley, Administrative Assistant Secretary of the Interior, to Livingston to meet the train.

Assistant Superintendent Hamilton made a trip to Pocatello, Idaho, July 27 to meet Mr. Beasley and bring him to the park.

Park Landscape Architect Mattson left July 12 for Teton, returning the following day.

Park Biologist Kittams left July 22 to confer with Federal and State officials on range survey methods in the Big Horn National Forest near Shell, Wyoming, and also attended the American Society of Range Management meeting there, returning the 24th.

Chief Park Ranger Brown made a trip July 23 to Bozeman and Livingston to confer with school and local officials regarding employment of seasonal rangers.

Supervisory Park Ranger Reynolds went to Missoula, Montana, July 5 to receive training in air operations activities at the Forest Service Parachute Project and returned the 10th.

Mechanical Supervisor Robinson and Truck Drivers Ernest Winning and George Jump departed July 12 for Ogden, Utah, and Teton for surplus property and returned the 15th. On the 21st Mr. Robinson and Storekeeper Wright went to Arco, Idaho, for surplus property and equipment, returning the 22nd.

On July 1 a meeting was held at Lake Hotel of Montana and Wyoming State Highway Department, Bureau of Public Roads and National Park Service officials in regard to possible improvement of the Gallatin road inside the northwest portion of the park and possible transfer of this section to the State of Montana.

Effective July 1, the Chief Ranger's Office was kept open until 10:00 p.m. each day. Beginning the evening of July 25, all park gates were kept open on a 24-hour basis and the following day the Chief Ranger's Office was placed on a 24-hour schedule. This was made possible by the allowance of 27 additional seasonal rangers in the 1955 fiscal year appropriation.

New quarters rental rates were effective July 4 which resulted in a decrease in rent for practically all permanent personnel and a number of seasonal employees.

The Local Civil Service Board held an examination July 13 for Personnel Officer, GS-7-9. There was one competitor and Personnel Officer Proper conducted the examination.

Inspections. W. F. Carbine, Chief, Section Inland Fisheries, Fish and Wildlife Service, Washington, D. C., in July 2. P. D. Smith, Engineer, on assignment from Western Office, Division of Design and Construction, to Grand Teton for summer, in July 5; out July 7. C. R. Bowman, Sanitary Engineer, U. S. Public Health Service, Denver, Colorado, in July 3 on inspection of food handling establishments and dormitory facilities; out July 8. G. B. Welsh, Senior Assistant Sanitary Engineer, U. S. Public Health Service, Denver, in July 5 to inspect food handling establishments and dormitory facilities of concessioners and government; out 18th. Richard T. Montgomery, Engineer, Western Office, Design and Construction, in July 4 with family; out 8th. Ed Anderson, Engineer, Bureau of Public Roads, Denver, arrived July 6 to supervise construction projects at Canyon for summer. Richard Sutton, Chief Architect, NPS, Washington, D. C., in July 10 while on assignment in Grand Teton. L. L. Lilly, Board Advisor, Tenth U. S. Civil Service Region, Denver, in July 12 to

assist local board in operations and review actions taken by board; out 15th. Ed Cowan, Engineer, Bureau of Public Roads, on assignment in Grand Teton, in July 12. Edward S. Luce, Superintendent, Custer Battlefield National Monument, in July 14 with Mrs. Luce; out July 16. Percy Wyly, Special Agent in Charge, Federal Bureau of Investigation, Butte, in July 15. C. E. Hardy, Acting Chief, Division of Fire Research, U. S. Forest Service, Missoula, in July 19 in connection with possible use of Mt. Washburn as fire danger station; out 21st. Milton J. McColm, Chief of Division of Land and Recreation Planning, Region Three, NPS, Santa Fe, New Mexico, in July 21 on visit. Allen B. Reed, Legislative Reference Service, Bureau of the Budget, Washington, D. C., in office July 24 while on trip with family. A. A. Cowling, Regional Disbursing Officer, Division of Disbursement, Helena, Montana, in July 22. George F. Baggley, Superintendent, Lake Mead National Recreation Area, in July 26 with Mrs. Baggley and daughter; out 27th. L. A. Weston, Department of Interior Representative on Safety, in North July 26, discussing matters with Park Safety Committee; out South 28th. D. Otis Beasley, Administrative Assistant Secretary of the Interior, Washington, D. C., in South July 28; out North July 30. Dr. J. F. Martin, Consultant, U. S. Forest Service, Washington, D. C., and Warren V. Benedict, Chief, Division of Blister Rust Control, U. S. Forest Service, Washington, D. C., in July 28 in connection with Blister Rust Control work. Mr. Benedict was injured by a horse he was dismounting on the 29th, receiving a fractured leg and arm, and is hospitalized at Mammoth. Dr. Martin expects to leave August 1. Isabelle Story, Editor in Chief, NPS, Washington, D. C., in East July 28; going out South August 2. Charles E. Krueger, Landscape Architect, Western Office, Division of Design and Construction, in July 31 for few days. Leo Weaver, Sanitary Engineer, U. S. Public Health Service, Washington, D. C., in July 31 for several days on public health matters. Dr. Erling Dorf, Department of Geology, Princeton University, Princeton, New Jersey, who arrived June 22 to do research work on petrified forest and fossil plants, departed July 31. John C. Gynn, Area Leader, Blister Rust Control, Forest Service, Missoula, in July 12 with C. M. Chapman, of that office; out July 17; in again 28th with Dr. J. F. Martin and Warren V. Benedict; and expects to depart August 5. Francis Boyd, Member of Staff, Geophysical Laboratory, Carnegie Institution of Washington, Washington, D. C., in most of month of July making mosaic maps of plateau areas.

Publicity. The June comparative travel figures were mailed to the park's mailing list on July 7.

Travel information was furnished the Denver Post by telephone on July 23 for a story in that newspaper.

On July 29 a press release was mailed to local newspapers and a number of others on the park's mailing list regarding the arrest and conviction of several "Fish Hogs".

A total of 271,900 Yellowstone broadsides remained on hand at the end of July.

Plans, Maps and Surveys. Engineers F. E. Smith and Richard Montgomery of the Western Office, Division of Design and Construction, reviewed construction projects in early July. Park Engineer Wohlbrandt went over sewer and water projects at Canyon and West Entrance with U. S. Public Health Officer Welsh. He assisted in preparation of wage board data and in revision of quarters appraisals as well as supervision of construction and maintenance. Assistant Engineers Schmid and Ketchum spent the entire month on construction projects. Park Landscape Architect Mattson spent time on orientation trips for student assistant architects most of whose work has been confined to drafting rooms and he inspected and conferred on construction projects. Landscape Architect Mortimore from the Western Design Office has been supervising installation of barriers on Canyon campground road project and thinning and selective cutting of roadside tree growth. Drawings completed in June and July included Remodeling Building No. 1 for offices; Lookout Guard Rail Post for Inspiration Point; Trailer Court Layout, Lake-Fishing Bridge Government Area; Topographic Map, Commercial Area, Canyon, for use in study of building design; Stairway and Platform, Lake Boat Dock, for Yellowstone Park Company; Utilities Layout, West Entrance Station; Camp Fireplaces, two types; Chapel Bulletin Board, Outdoor (Marguerite and Everette Arnold Memorial); and Extension of Water and Sewer, Canyon Government Area. Studies and Plans underway were Regional Map, Old Faithful Area from Biscuit Basin through Kepler Cascades for use for Master Plan and eventually for visitor orientation; Canyon Village Building; Canyon Cabin Area Roads; and Mammoth Area, Studies of Utility and Residential Areas.

Maintenance. The first part of the month a number of rainy days slowed up oiling operations but in general the month was fairly good for maintenance. Three times during the month cloud-bursts on the Red Lodge road occurred, causing considerable damage. The first one hit between Silver Gate and Cooke and the road was closed for about six hours before a traffic lane could be opened through the slide area. The second one hit on Fox Creek about seven miles beyond Cooke and except for hard work by the road crew which worked all night, the bridge would have been lost. The third hit on the switchbacks above Red Lodge and was the lightest. To repair the damage on these three washouts cost at least $5,000. Some cleanup work remains to be done.

During the month six miles were reprocessed or half-soled and eight miles seal-coated, 3,000 feet of guard rail placed and 2,500 feet of guide posts installed. Both crushers were operated the full month. The Canyon road crew was called to fight a timber fire on the Canyon-Norris Cutoff. All road camps are filled and in operation.

Labor has been sufficient to date but applicants are becoming scarce. Most roads are in fairly good condition. The Canyon-Norris Cutoff has many corrugations. Considerable improvement has been made on the Gallatin section since last month.

On the 15th of the month a Fitchburg Chipper was received and put into operation immediately to dispose of the heavy tree growth along the road shoulders. This machine does a very fast and efficient job of disposal of trees up to four or five inches in diameter, reducing them to fine chips which were blown up on the slopes or back into the timber.

The latter part of the month a Barber Green portable hot plant was received and with the aid of a company representative was put in operation. It is turning out 30 to 35 tons per hour of top-grade mix.

Construction. Project 12[illegible], Norris-Canyon Cutoff, Grading and Surfacing 4.075 miles at east end, Peter Kiewit Sons' Company of Sheridan, Wyoming, contractor.--Project is about 40% complete, with clearing nearly 100% complete and grading about 25% complete. The contractor has had difficulties with wet soil conditions and permitting a slash fire to get away and require time to control; however, good progress is being made.

Project 1F3, G4, Canyon Area Roads Surfacing and Parking Areas, Strong Company of Springville, Utah, contractor.--Project about 85% complete and probable date of completion September 1, 1954. Top soil is being spread, shoulders finished, old roads obliterated and cleanup started.

Canyon Campground Roads, Studer Construction Company of Billings, contractor.--Grading is nearly complete; about 90% of base in place; concrete drop inlets complete; about 50% of rock barriers placed; project about 50% complete.

Bids were opened by the Bureau of Public Roads at Denver July 8 for Construction Project 2-C, Jackson Lake Road, Grand Teton and Yellowstone, Route 9, South Approach Road, Bituminous Surfacing of 18.598 miles, with Carl E. Nelson Construction Company, Inc., Logan, Utah, low bidder, with bid of $220,604. Acceptance was signed by Director Wirth July 29 for the project.

Award is still pending in the Washington Office on the construction of nine comfort stations and pumphouse at Canyon, bids for which were opened June 14 with Cop Construction Company of Billings low bidder.

Other active projects during the month were Account 323.05, Additional Traffic Lanes, West Entrance, 0.2 miles, grading completed, mat being laid, job about 80% complete; Account 323.17, Reconstruction of Campground Roads and Removal of Stumps, Fishing Bridge, 80% complete; Account 331.14, Comfort Stations (2), Old Faithful Campground, installing plumbing fixtures, job about 80% complete; Account 332.16, Main Sewer System, Lake, placing sand in filter, job 60% complete; Account 332.17, Water Line Extension, West Thumb Cabin Area, job 95% complete; Account 331.15, West Entrance Checking Station and Utilities Connections, prefabrication of booths complete, checking station framed, job 20% complete; Account 323.03, Observation Platform, Inspiration Point, order placed for stairway and platform guard rail; Account 323.04, Roads and Walks, Fishing Bridge Cabin Area, 90% complete; Account 323.14, Roads and Walks, Lake Hotel Cabin Area (portion), completed; Account 323.18, Miscellaneous Road Improvements, 20% complete, work done on Mammoth Hotel cottage area roads; Account 323.19, Fishing Bridge Campground Road, survey being made, curtailed by camper use, more cutting and clearing necessary; Account 331.04, Pump House for Sewage System, Lake, 90% done; Account 332.06, Sewer System for Campground, Old Faithful, complete; Account 333.02, Utilities, Tables, Fireplaces and Comfort Stations, Old Faithful Campground, 96% complete.

The Old Faithful power house addition to accommodate the additional power plant installed there has been roughed in and work started on the Lake power house building addition to house the second electric generator secured from the Army.

Complaints. Three letters of complaint were received during the month, as follows: (1) unsatisfactory condition of Canyon tourist cabins; (2) unsatisfactory condition of cabins allegedly due to monopoly, and (3) condition of Old Faithful cabins, cost of rooms at Old Faithful Inn and reportedly poor meals at hotels.

Concessioners. Dr. George Gould arrived July 3 to serve as Resident Physician at Mammoth. Dr. George B. McClary, Jr. and Mrs. McClary arrived the same day to serve as doctor and nurse at Old Faithful Inn for the season.

During the month there were seven house counts which exceeded 8,000 visitors accommodated in the various hotels, cottages, lodges and tourist cabins in the park, as follows: 8,276 on July 7, 8,291 on July 13, 8,325 on July 14, 8,429 on July 20, 8,452 on July 21, 8,415 on July 22, and 8,338 on July 23.

The laundromat and showers in connection with the Old Faithful tourist cabins began operation July 7. All the new steam-heated cabins with bath in connection with Old Faithful Lodge were available for occupancy July 5.

Work has continued on the Hamilton Stores, Inc. West Thumb Store addition, this portion having been framed and roofed. The glass will be installed and the fencing around the service court started soon.

Religious Services and Chapel Use. The Yellowstone National Park Chapel was used during July for religious services at the scheduled hours by the Student Ministry, Latter-Day Saints and Roman Catholics. The Chapel was also used by the Student Ministry for choir practice conducted for children and adult groups. A Bible School for pre-school, elementary school and high school pupils was sponsored and financed by the local Sunday School at the Chapel from July 12th through the 23rd. Student Minister William Henning was in charge of instruction for the older group and local women and high school girls took charge of the youngsters.

Interpretive Services. The sign program in thermal areas was continued in July, during which period many more of the concrete base informational signs were properly placed. The three self-guiding trails were kept current as to signs by men stationed in each area.

The public address units have served to increase the ease and scope of interpretation. Thus far it has been possible to place but three of the four larger units in use at the evening programs.

Interpretive services were in full operation at all stations throughout July, with thirty seasonal men on duty during most of the period; two additional men began duty on the 9th and four more were signed up between the 23rd and 29th.

Early in the month, near the edge of the Madison campground, a somewhat improvised and temporary campfire circle was built by seasonal personnel. Madison is a popular camping area and the evening talks provided by Park Ranger Naturalists at that point were well attended during July. A better facility for this use is badly needed.

Museum Activities and Exhibits. All museums were open all month. New cocoa door mats were supplied the museums at Mammoth, Madison, Old Faithful and Fishing Bridge, and new rubber matting was installed over the most traveled routes in the Mammoth Museum.

On the 14th of the month all of the new fixtures were received for the revision of the lighting at the Old Faithful Museum and reception room. Inasmuch as there will be a delay of at least another month before the exhibits are sent from Washington, the installation of the lighting fixtures will be held in abeyance until the new exhibits are received and installed.

During the month the exhibit plan for exhibit number 15, "History of Old Faithful Area" was completed and sent to the Regional Director for forwarding to the Washington Office.

A bronze plaque was received and installed on the flower stand which reads as follows:

"1901 - MARGUERITE LINDSLEY ARNOLD - 1952
RANGER NATURALIST AND PARK RANGER
YELLOWSTONE NATIONAL PARK
ORIGINATOR OF
YELLOWSTONE NATIVE WILDFLOWER EXHIBIT"

Research and Observation. Two memoranda were issued during the month by the Naturalist Division containing the annual wildlife census for the park for 1953 as well as the animal counts in key areas of the park to better assist naturalists in answering visitors' questions concerning wildlife.

Five collecting permits were issued during the month to Francis R. Boyd, Jr., Theodore M. Judy, Richard M. Grant, Jane W. Roller and David W. Cook.

Park Naturalist Elmore witnessed a gopher snake swallowing a ground squirrel. A complete photographic record was made of the engulfing process.

The annual banding of nesting birds on Molly Island took place on July 12. The party was headed by Park Naturalist Condon and included 22 people. Two hundred pelicans, 394 gulls and one cormorant were banded and seven bird bands were recovered together with twelve fish tags.

At the month's end Dr. Erling Dorf of Princeton University, collaborator with the National Park Service, who conducted research studies on fossil plants, left the park to return to the University. He plans to return to the park for a full summer's work next year.

Two of the six trumpeter swan cygnets observed early in July on Madison Junction Lake were missing the latter part of the month. One of the birds was found dead on the shore of the lake on July 27. The cause of death has been undetermined.

Natural History Association. Mrs. Quist as clerk of the Yellowstone Library and Museum Association was on duty a total of 88 hours in July, during which time she took care of the routine Association business relative to book sales.

In spite of some apparent sales resistance on the part of the public, total book sales by the Association were only about $600.00 under the same period in 1953. Book-room sales at headquarters were high. Total book sales by the Association during July were $6,333.60.

In spite of efforts to interest the men in pushing sales of the paper-bound The National Parks, What They Mean to You and Me by Freeman Tilden, no records have been set thus far. Two hundred copies have been sold from museum desks out of the original stock of 500.

During the latter part of July the program to publish the May-June and July-August issues of Yellowstone Nature Notes was initiated. Both issues will be distributed together early in August.

In-Service Training. Considerable time was spent during the month in orientation training for the six new park ranger naturalists who entered on duty. In-service training sessions were held for all seasonal naturalists at Mammoth and Old Faithful on the nights on July 13 and 14. Several memoranda on means of improving the interpretive program were mimeographed and distributed to Interpretive Division personnel as in-service training aids.

As new seasonal park rangers were entered on duty they were given orientation and training in protection duties at their stations.

Training schools in building and forest fire control were conducted at Old Faithful, Lake and Tower Fall in which road crews, fire control aids, naturalists and park rangers participated. Road crews from outlying stations were brought in to receive the training.

Supervisory Park Ranger Reynolds attended the air officers training school at the Forest Service Parachute Project at Missoula, leaving Yellowstone the 5th and returning the 10th.

Fire Control Aid Dale Matlack returned July 2 from training by the U. S. Forest Service at Priest River, Idaho, in connection with fire weather observations to be taken at Mount Washburn for "Project Skyfire" sponsored by Fire Research of Missoula.

The Yellowstone Weekly News was issued each Thursday to keep employees, concessioners and others currently informed of park happenings.

Increase or Decrease in Travel. Travel for the month of July was only 1.5% less than the same month last year. A total of 441,955 persons visited the park in July as against 448,660 for July 1953. For the first five days of the month a gain of 6.1% was

recorded for July. A total of 18,550 visitors entered the park on July 4 as compared to the record high of 20,046 on July 3, 1949. The large increase for the first few days of the month was due to the 3-day Independence holiday this year while last year was only a 2-day holiday week-end.

Special Visitors. Hugh Wilmar, Photographer, Walt Disney Corporation, in July 2 to photograph bears. Major General James Bell Cress, U. S. Army, Retired, and Mrs. Cress, daughter of General Hiram M. Chittenden, formerly Engineer in Yellowstone and author of the book Yellowstone National Park, in July 2. Ross Marshall, Los Angeles Herald Express, Los Angeles, California, in July 3 and out July 6. James T. Babb, Librarian at Yale University, New Haven, Connecticut, in July 7, out July 9. Congressman William H. Harrison of Wyoming in East and out South July 8. Burns C. Downey, former Auditor, NPS, Washington (Retired), in July 14. Outdoor Writers Tour group consisting of Jack Griffin, Chicago Sun Times, Chicago, Illinois; Larry Koller, Argosy Magazine, New York; Don Brooks, Salt Lake Tribune, Salt Lake City, Utah; Grant Matthews, San Francisco Chronicle, San Francisco, California, in July 19 and out 21st. Captain Alan G. Banister, U. S. Navy, in July 20, out 21st. Mrs. Melvin E. Gurin, Past President, Garden Club of America, New York City, with Mr. Gurin, in July 22, out 24th. Trail Riders of the Wilderness group of about 25 sponsored by American Forestry Association, covered Shoshone National Forest and back country of Yellowstone on horseback from July 20 to 30. Pacific Northwest Travel Association Travel Editors Tour consisting of Ed Jones, Highway Traveler Magazine, Chicago, Illinois, and Miss Gloria Trampanella, Portland Oregonian, in West July 21, out Northeast 22nd. Carl Tolpo, Chicago artist who has completed an outstanding painting of the Grand Canyon of the Yellowstone, lithographed prints of which are available for sale in the park, and who is doing an additional painting of the Canyon, in office July 22. Shizuo Sito, Japanese Counsel, Seattle, Washington, in North July 24, out West 26th. Thirty-nine members of the Montana Association for the Blind which meets each year in Bozeman toured the park July 24 with Park Naturalist Verde Watson acting as the eyes for these blind people, explaining all points of interest and features as they were reached. Armand Kemper, Baltimore, Maryland, active in Baltimore municipal park affairs for many years, and Mrs. Kemper who will be hostess to ladies attending American Institute of Park Executives convention in Baltimore, in North July 25, out West July 26. A. K. (Ken) Morgan, Chief Engineer and General Manager, Palisades Interstate Park Commission, Bear Mountain, New York, in South July 25, out East 27th. Lewis L. Hall, Chief Engineer for NPS in 1919-21, in July 24. Fred MacMurray and Mrs. MacMurray (June Haver), movie stars, in park July 27 on fishing trip. Mr. MacMurray is being featured in "Blue Horizon" being photographed in the Jackson Hole.

Ranger Service. Ranger activities during the month included law enforcement and presentation of cases to the U. S. Commissioner, investigation of accidents, managing public use of campgrounds, manning of entrance stations which went on a 24-hour schedule July 25, and a minimum of forest fire control.

Wildlife and Fish Cultural Activities. FISHING. The Yellowstone River between Lake and Canyon and its tributaries, and Riddle Lake, Grebe Lake, Wolf Lake, and the stream connecting Grebe and Wolf Lakes were opened to fishing July 1. All streams emptying into Yellowstone Lake were opened July 15 with the exception of those closed for fish management or cultural purposes which were opened July 26.

FISH PLANTING. Fish plants during the month were as follows:

Water	Species	Size	Number
Madison River	Rainbow	Yearlings	13,239
Arnica Creek	Blackspotted	Eyed Eggs	635,074
Gardner River	Rainbow	#3½	9,712
Slough Creek	Blackspotted	#5	7,076
Lamar River	Blackspotted	#5	7,076
Ice Lake	Greyling	Ad. Fry	100,000
Grebe Lake	Greyling	Ad. Fry	200,000
Cascade Lake	Greyling	Ad. Fry	50,000
Trout Lake	Rainbow	#3½	5,000
Slide Lake	Rainbow	#3½	5,039

BEARS. Twelve bear injuries were reported during July, the most serious of which was sustained by Mrs. Della Wallace of San Francisco who received a clawed shoulder and bitten arm while sitting in a car. Sixteen bear damage reports were received during July. One bear was killed as a result of being hit by a visitor's car.

Range. According to observations of Biologist Kittams, forage growth has ceased and vegetation has dried up on most of the Lower Range. Probably rapid growth has been made on high non-critical range where moisture has been adequate.

Considerable useful information was gained by Mr. Kittams during the demonstrations and discussions of range surveys and management methods on the Big Horn National Forest attended by him July 22-24. Demonstrations pertained to rate of cattle stocking with effects on vegetation, sagebrush eradication, moisture infiltrometer tests, reseeding and the three-step method. A panel discussion of survey methods brought out several points which will help in range work in Yellowstone.

Forest Fire Protection. Seven fires were reported during July. Five of these were Class A, one was Class B, and one was Class C. Four were lightning caused and three were man-caused fires. The Class C fire of 46 acres resulted from a slash-burning fire of the Peter Kiewit Sons' Company, road construction contractor at Canyon, getting out of control in the wind, the cost of which fire will be paid by the contractor.

Building Fire Protection. All building fire equipment was inventoried. The Annual Fire Hazard Inspection Report was submitted to the Regional and Director's Offices.

Corral and Ranch Operation. By the end of the month 71 horses and mules were assigned and six unsuitable animals listed for sale. Pal #12, a four-year-old mare was frightened by a bear at South Riverside patrol cabin July 22. The horse broke loose with approximately 30 feet of picket rope attached to her foot and has not been found since. It is feared that this animal is tangled up somewhere and must be considered dead. More than a reasonable number of man-days have been expended in searching for the horse.

Blister Rust Control. On July 2[illegible], J. F. Martin, Consultant with the U. S. Forest Service, Warren V. Benedict, Chief, Blister Rust Control Division, U. S. Forest Service, John C. Gynn, Area Leader, and Clarence Chapman, Assistant Area Leader, Blister Rust Control, Missoula, arrived for the purpose of inspecting blister rust work in the park. The Mammoth area was inspected in the forenoon and the work on top of Mt. Washburn was inspected on the afternoon of that day. On July 29, the Carnelian Creek Area was being inspected when Mr. Benedict was the victim of an accident and received a broken arm and leg when dismounting from his horse. The inspection trip in this area was cut short by this accident.

Radios were received on a rental basis from Mountain States Telephone and Telegraph Company on July 9 and installed on July 10. The radios were not installed an hour before they were put to use in calling the Blister Rust Control crew to a fire.

Eradication work in the Carnelian Creek extension of Mt. Washburn unit progessses ahead of schedule for the month even after losing time for forest fire control.

Wood Utilization. Mr. Oscar Roseborough, wood contractor for Yellowstone Park Company, continued to cut cord wood from trees removed for road construction work on the new section of the Canyon-Norris cut-off road.

Campgrounds. All campgrounds received extremely heavy use. The heavy use emphasizes our lack of facilities, especially lack of tables and fireplaces.

Forest Insects. The spruce budworm has moved eastward and now extends into the Tower Fall area. There is moderate to heavy defoliation throughout all the Douglas fir stands in the northern portion of the park. The possibility that control measures may be required during the summer of 1955 must be kept in mind.

Trails. Continuous rains caused a lag in trail work during the early part of the month. In some districts it was necessary to rework and rebuild much trail where the runoff was excessive. In the Lamar district sections of the Lower Miller Creek trail were completely taken out. This amount of unexpected work has set the whole trail maintenance program back to some extent. By the end of July, trail men were stationed in Canyon, Old Faithful, Lamar and Snake River Districts. Trail maintenance work has been completed for this season in the Tower Fall and Mammoth Districts. One trail maintenance man was used on the Kiewit fire.

Approximately 700 trail markers have been issued to the various districts and the trail marking program is progressing in a satisfactory manner. Signing of the various trails also continues and all signs ordered during the winter have been sent to the districts except to West Yellowstone which have been held up due to the shortage of galvanized lag screws and washers which have been ordered for over 60 days but for some reason have not been received.

Accidents and Public Safety. Sixty-one motor vehicle accidents were recorded this month of which eight resulted in personal injuries and sixteen caused only minor damage. For the most part they resulted only in slight damage to the vehicles, such as dented fenders, trunk lids, etc. Most of the accidents were caused by: (1) a park visitor being the first vehicle or several in line, stopping suddenly to observe some natural feature, such as bear, elk, etc. and the other vehicles not being able to stop in time; or (2) visitors backing from a parked position and not observing the path of motion of their vehicles, thus backing into another vehicle.

A head-on collision on the 11th, which occurred two miles south of Obsidian Cliff injured four persons, one of them, Mrs. Gladys Milling, sustaining a cracked vertebra in the neck and broken ribs.

Warren V. Benedict, Chief, Division of Blister Rust Control, U. S. Forest Service, Washington, D. C., sustained a broken left arm and left leg near the hip while on a horseback inspection trip in the Carnelian Creek area on July 29. He was injured while dismounting when the horse jumped away and kicked him. A doctor was taken in to the isolated area to treat Mr. Benedict and it was necessary to carry the injured man out four miles by trail on a stretcher to the highway from which point he was brought to the Mammoth Hospital by ambulance.

Mrs. Della Wallace of San Francisco, California, was clawed and bitten by a black bear near Norris on July 31. She was sitting in the rear seat of an automobile with the window down. The bear reached in the car, clawed Mrs. Wallace's right shoulder and then bit her right arm, inflicting serious wounds.

Law Enforcement. Fifty cases of law violation were taken before the U. S. Commissioner for hearing during the month, resulting in considerable work of investigation and preparation of the cases for hearing. Of these cases, ten were for violation of the fishing regulation, two were for theft, twenty-two speeding, seven other traffic violations, three boating violations, three disorderly conduct, two bear feeding, and one cutting green timber. Merril L. Young, National Park Service employee who was charged in June with theft of Government and personal property and forgery, was escorted by U. S. Marshals to Cheyenne with bond raised to $2,000.

Deaths. Leslie Guy Condon, father of David de L. Condon, Park Naturalist, passed away July 23 in Los Angeles at the age of 76. Mr. Condon left the following day for Provo, Utah, where the body was brought for burial.

Charles F. Carlson, 82, Ovid, Idaho, died of a heart attack at the Cascade Campground near Fishing Bridge July 4 following a fishing trip. His body was taken to the Franzen Mortuary in Livingston and later transported to Idaho.

William H. Haskell, 63, Indianapolis, Indiana, died at Norris Campground of a heart attack on July 16. His body was sent to Dallas, Texas, for burial.

Weston Schultz, 49, of Detroit, Michigan, died of a heart attack at Canyon Lodge on July 20. His body was taken to Franzen Mortuary in Livingston.

Marriages. Edwin N. Chamberlain, seasonal Power Plant Operator at Old Faithful, and Eleanor J. Kreig of Terry, Montana, were married in Livingston July 12.

Seasonal Park Ranger Naturalist Frederick B. Turner, who has been employed here for several seasons and is stationed at Fishing Bridge, and Mabel Smith, of California, were married at the Church of the Transfiguration at Moose, Wyoming, on July 11.

Personnel. The Promotion (Indefinite) and Change of Headquarters of Maynard Barrows from Forester (General), GS-11, Region Two Office, to Forester (General), GS-12, Yellowstone was approved July 14. Mr. Barrows served on the Yellowstone ranger force for 17 years, as

Chief Ranger for four years, and was transferred to Region Two in January 1947. The transfer will be effective some time during August.

Advice was received July [illegible] of the approval of transfer of James A. French, Personnel Clerk, Yellowstone, to the position of Project Cost Clerk, GS-4, Southwestern National Monuments. He expects to leave about August 7. Rolla [illegible]. Everett of Mount Rainier National Park is expected to fill the vacancy of Mr. French.

Seasonal appointment during the month included those of Robert L. Davis, Project Clerk, GS-4, July 6; Clifford [illegible]. Roberts, Storekeeper (General), July 12; Francis L. Polutnik, Charles J. Viviano, James M. Spence, and Maurice K. Knudson, Fire Control Aids (Smokejumper), IGS-5, July 5.

Twenty-seven additional Park Rangers (General) and eight additional Park Rangers (Naturalist) were provided for in the Interior Appropriation Bill passed July 1. Twenty-three seasonal rangers and six seasonal naturalists entered on duty during the month.

William B. Vaughan, Student Landscape Architect, was appointed by the Western Office of the Division of Design and Construction July 7 for assignment in Yellowstone for the summer.

Edward B. Rogers
Superintendent

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