10-23
(November 1954)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

(Area)

FILE CODE:

SUPERINTENDENT'S MONTHLY REPORT JULY 1960

FROM:

TO:

IMPORTANT

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

OFFICE OF THE SUPERINTENDENT

Summary of the July 1960 Monthly Narrative Report

		Page
WEATHER:	Dry and hot. Little precipitation. Maximum 92°, minimum 37°.	1
RANGE:	Walter S. Kittams, Regional Research Biologist Region Two, in two weeks beginning July 25.	1
TRAVEL:	-8.8 per cent below July 1959. Visitation 501,760.	1
INSPECTIONS:	Paul E. Schulz, Principal Naturalist Region Two, in July 4 to 9; [illegible] McFadden, [illegible] July 5-8 and July 12 and 25; [illegible] Barrows and [illegible] T. Bendt, Grand Teton in July 12; Samuel A. [illegible], Jr., WASO in on land-air contract, July 3-7 and 17-20; James Egan and Larry Garda, U. S. Public Health Service on pollution investigation; Paul [illegible] Miller, WASO, in 3-6 and Richard T. Montgomery, NOIC, arrived 25th; Conrad P. Wessela, U.S. Forest Service Washington, arrived July 26 to confer with [illegible] J. Dice, Homer J. Hartman and John C. Lynn of U.S. Forest Service, Missoula; Assistant Secretary of Interior Ross Leffler in July 31, accompanied by Lewis Garlich; Merrill J. Mattes and Russell Apple, Historians, in on 19th; Sanford Hill, Chief, NOIC, and Thomas C. Vint, Chief, DSC, in July 22; Benjamin F. Dickson, Acting Chief Concessions in 23rd; Nathan G. Baker, Chief Safety Officer WASO, in July 31 accompanied by Mr. Dickison, Chairman Region Two Safety Committee; C. T. Wright, U.S. Public Health Service Inspector of San Francisco in 25th to August 1; U. S. Post Officer personnel John Willson, [illegible] Wright, D. E. Hunter, W. R. McCracken, George McDonald in July 10-22; WASO personnel Tom Vint, [illegible] Watkins, Allyn F. Hanks, Richard Costly in July 22-August 2; Jack Woft in July 18; David Nichie, WASO, Position Classification Specialist in 21-24; LeRoy Brown, Programs Officer, Region Two, in July 15.	1-2-3
SPECIAL VISITORS:	Listed	3-4

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RESEARCH & OBSERVATION:	Seven collecting permits issued; 3 springs on Mammoth Terraces Lotter; 10 major eruptions of Sapphire Geyser; naturalists investigate archeological site.	8
BUILDING & UTILITIES:	Mammoth Government mess converted to administrative offices; concrete water line at Swan Lake flats repaired; repainting masonry walls of Chapel; inspection of Cabin Area B roads, Canyon.	8
CONCESSIONERS:	Superintendent and Concessioner meetings at West Yellowstone and Grant Village; Old Faithful Cabins, Inn, Lodge sold out; bus service to top Mt. Washburn; electric power distribution assumed by Hamilton Stores, Inc.	8-9
MAINTENANCE:	Grading, surfacing Lewis Lake Campground; grading roads Appolinaris and Midway for picnic areas.	9
CONSTRUCTION:	25 individual campsites at Otter Creek.	9
PROTECTION & RANGER SERVICE:	Ranger Office and entrance stations on 24 hour schedule; forest firest take ranger time.	9
LAW ENFORCEMENT:	31 hearings; $650 in fines.	9
BUILDING FIRE PROTECTION:	Tent fire at Old Faithful Campground; building fire at Roosevelt Lodge.	9
FOREST FIRE PROTECTION:	Long, hot, dry spell causes forest fires; first fire discovered on 20th; five being on 22nd; rangers, BRC, NPR, WODC and contractors' crews help; overhead assistance from Regions One, Two, and Three; 16 going fires at one time.	9-10
WHITE PINE BLISTER RUST CONTROL:	Review and inspection of BRC by U.S. Forest Service officials; ribes eradication on 5,010 acres; John C. Gynn reports rust in Golden Gate-Mammoth area.	10
INSECT & TREE DISEASE:	Terrill, U.S. Forest Service and Park Forester Myers make survey of insect conditions.	10
WILDLIFE & FISH CULTURAL ACTIVITIES:	Dead fish along Firehole River; Dr. Benson helps restore fish exhibit at Lake.	11
MOOSE:	Moose observed in Pelican Creek area.	11

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OFFICE OF THE SUPERINTENDENT

August 29, 1960

Memorandum

To: Director

From: Acting Superintendent, Yellowstone National Park

Subject: Monthly Narrative Report for July 1960

General

Weather. During the early and middle part of the month the weather was quite dry and hot. There was a little precipitation during the last two weeks and some cloudiness. The maximum temperature at headquarters was 95 degrees on the 21st, and the minimum was 37 degrees on the 3rd. Precipitation was .25 inches.

Range. Mr. Walter H. Kittams, Regional Research Biologist, Region Two, was in the Park for two weeks beginning July 25, working with Biologist Robert Howe, helping him with the North Yellowstone and Gallatin Range studies.

Decrease in Travel. July travel was down -8.8 per cent below July 1959, with 501,760 visitors against 550,045 for last year. Yearly travel through July showed 806,764 visitors recorded, as against 886,413 for 1959. Travel at all entrances continues to show a decrease with the comparable period last season.

Inspections. Mr. Paul F. Schulz, principal naturalist, Region Two, was in Yellowstone July 4 to 9.

Mr. Ralph E. McFadden, Supervisory Electronics Engineer, NPCC, was in July 5-8 to attend meeting on radio contract and obtain field data on PCP, and again on July 12. On the 25th he returned to inspect the leased F.M. radio system and advise as to acceptability, and to help during the fire emergency.

Mr. Maynard Barrows, Region Two, from Grand Teton National Park, and Robert T. Bendt, Biologist, Grand Teton visited Yellowstone July 12.

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Mr. Samuel A. Hoover, Jr., Electrical and Electronics Engineer, Washington Office, was in the Park on Land-Air Contract, July 3-7 and 17th to 29th. A letter was drafted notifying Land-Air of the Park's intention to terminate their right to proceed under the contract as of August 1.

James Egan and Larry Gazda, U.S. Public Health Service, are investigating the reported pollution of the Yellowstone River. This inspection will take several weeks to complete.

Mr. Paul McG. Miller, Chief Engineer, Washington, was in July 3-6, and Richard T. Montgomery, Civil Engineer, WODC, arrived July 25.

Mr. Conrad P. Wessela, Assistant Chief, U.S. Forest Service, Pest Control, Washington, arrived July 26 and conferred with Henry J. Viche, Assistant Chief, and Homer J. Hartman, Section Chief, Forest Pest Control, Missoula, and John C. Gynn, Forester, Missoula, on cooperative Blister Rust Control and insect infestations.

Assistant Secretary of the Interior, Fish and Wildlife Service, Ross Leffler came to the Park July 31. He was accompanied by Mr. Lewis Garlich, Fish and Wildlife Service, Albuquerque, New Mexico, in charge of fishery activities in his Region. They attended the dedication of the fish hatchery at Jackson, Wyoming, prior to their trip to Yellowstone.

Mr. Merrill J. Mattes, Region Two Historian and Mr. Russell Apple, Historian, Mount Rushmore, arrived July 19 to consult with Superintendent Garrison and Chief Park Naturalist McIntyre on status of project for treatment of historic features and Madison Junction Visitor Center museum prospectus.

Mr. Sanford Hill, Chief, Western Office, Division of Design and Construction, accompanied by Mr. Thomas C. Vint, Chief of Design and Construction, Washington, were in July 22 for a general survey of construction projects on their way to Denver.

Mr. Benjamin F. Dickson, Acting Chief of Concessions, Management, Washington Office, arrived July 23 and spent three days inspecting concessioner operations in Yellowstone.

Mr. Nathan G. Baker, Chief Safety Officer, Washington, was in July 31 to discuss safety programs with Superintendent Garrison and his staff. Mr. Dickison, Chairman, Region Two Safety Committee accompanied Mr. Baker.

Mr. C. T. Wright, U.S. Public Health Service inspector, San Francisco, made inspections in the Park during July 25 to August 1.

Dr. Manuel A. Moore, Jr., electrical and electronic engineer, Washington office, was in the park on Monday [illegible] and 1930 to 1970. A letter was [illegible] park's interests to [illegible] [illegible] as of August 1.

Jerry Tom and Jerry Davis, [illegible] investigating the reported pollution of the [illegible] This inspection will take several [illegible].

Mr. Paul Lee, Miller, Chief Engineer, Hydropower, [illegible] and Thomas F. Montgomery, Civil Engineer, [illegible]

Mr. Thomas F. Kovacik, assistant chief, [illegible] General, Washington, arrived July 31 [illegible] Tyler, Southwest Field, and Mr. [illegible] Fort Worth, Planning, and Mr. [illegible] Dyer, Planning, [illegible] [illegible] Southwestern District Corps and Lower [illegible].

Assistant Secretary of the Interior, [illegible] Dam Battles area in the Fall July 31. [illegible] Mr. Lewis Helfer, Fish and Wildlife Service, Albuquerque, [illegible] Dodson, in charge of [illegible] [illegible] Mr. [illegible] introduce the [illegible] [illegible] prior to their trip to Tallahassee.

Mr. Harold A. Parker, Corps of Engineers and [illegible] Director, Power Industry, arrived July 31 [illegible] Southwestern Division and other Fort Worth [illegible] [illegible] of power for the [illegible] [illegible] Division Water Power [illegible].

Mr. Donald Hill, Chief, Power Office, [illegible] Construction, accompanied by Mr. [illegible] and Construction Engineer, [illegible] [illegible] of construction projects in Corps and in [illegible].

Mr. Benjamin F. Allison, Acting [illegible] Engineer, Southwestern Division, arrived July 31 and stayed [illegible] inspection operations in Tallahassee.

Mr. Walter G. Moore, Chief Safety Officer, Washington, was in July 31 to discuss safety program with Southwestern [illegible] [illegible]. Mr. Dierdorff, Safety, Corps has safety [illegible] accompanied Mr. Moore.

Mr. C. T. Hodge, U.S. Forest Service Forest Ecologist, [illegible] made inspection in the Fort Worth July 31 [illegible].

Messrs. John Willson, Cheyenne and H. R. Wright, Pueblo, Colorado, U.S. Post Office Department personnel, made inspections during July 10-15.

Messrs. D. F. Hunter, U.S. Post Office Department, Fort Collins, Colorado, W. B. McCracken, Cheyenne, George E. McDonald, Salt Lake City, made inspections of the Park's postal system during July 19-22.

The following personnel from Washington, D. C. were here on related matters during the month: Tom Vint, Chief, Design and Construction, July 22-August 2; E. W. Watkins, Auditor, July 21; Allyn F. Hanks, Chief of Visitor Protection, July 26; Richard Costly, U.S. Forest Service, July 26.

Mr. Jack Hoft, Special Assistant to Director of Personnel Newell Terry, visited the Personnel Branch July 18 and discussed Secretarial referrals.

Mr. David Richie, Position Classification Specialist, WASO, visited the Park from July 21 through 24th on an orientation tour of Region Two areas. Mr. Richie gained an unusual insight into Park operations because of emergency conditions created by forest fires.

LeRoy W. Brown, Programs Officer, Region Two, was in the Park July 15.

Special Visitors. Honorable Winfield K. Denton, Congressman of Indiana, and Mrs. Denton were in the Park on July 29. Mr. Denton is a member of the House Subcommittee on Appropriations which handles our estimates. North District Manager John M. Good accompanied the Dentons while they were in the Park, and gave him information on developments, the Lake zoning proposal and other matters relating to the operation of Yellowstone National Park.

U. S. Senator Gale W. McGee of Wyoming visited the Park and on the 19th discussed the Bridge Bay project with members of the National Park Service. Senator McGee is in favor of zoning Yellowstone Lake.

The Pacific Northwest Travel Association, Montana Travel Editors met at Canyon Village, July 11. The party included Betty Hughes, Cleveland Press; Charlotte Brunk, Des Moines Register; Maxine Harte, Desert News, Salt Lake City. Gordon Platts, State Advertising Director and Dorris Stalker, Montana Highway Department accompanied the party.

Honorable Richard E. Lankford, Congressman of Massachusetts visited the Park on July 23.

Visitors. Congressman Everett and family stayed at Canyon Village July 15.

The Colonial Williamsburg Board visited the Canyon area on July 25.

Mr. Howard A. Woolford, Plant Quarantine Inspector, Bureau of Entomology and Plant Quarantine, Honolulu, Hawaii, was in the office on July 15.

Foreign Visitors. Mr. Steyn, a foreign student from Africa, visited Canyon Village for three days, arriving July 21.

Special Activities. Chief Park Ranger Nelson Murdock and Park Ranger (General) Charles V. Janda continued the work of preparing material on the proposed zoning of Yellowstone Lake.

July 4 was a holiday for Federal employees by an Executive Order signed by President Eisenhower.

Park Biologist Robert E. Howe represented the National Park Service at a meeting of the Jackson Hole Cooperative Elk Study seminar at Grand Teton National Park on July 6-8. He also attended the dedication of the Bureau of Sports Fisheries Hatchery at Jackson on the 30th.

Park Biologist Howe and Chief Park Ranger Murdock attended the annual meeting of the Advisory Council of the Jackson Hole Cooperative Elk Study at Jackson Lake Lodge from the 16th to the 19th.

Administrative Officer Anderson, Chief Park Engineer Howe, Foreman II-Painter William Olson, Personnel Assistant Jack Everhart, and Personnel Officer Miller traveled to Grand Teton National Park on July 6 to review the new wage rates established for the Pocatello Naval Ordnance Plant. Omaha approved rates as recommended effective July 24.

The first of the Summer Luncheons for all Park Service women, both seasonal and permanent was held at Canyon Village on July 8, at 12:45 p.m. This was a get-together meeting for all the personnel in the outlying areas.

A retirement party and cook-out for Edmund B. Rogers held at Indian Creek campground July 27, was attended by approximately 75 friends. Mr. Rogers was Superintendent of Yellowstone National Park from 1936 to 1956 and since that time a special assistant to the Director, and retired July 31. Jack E. Haynes, Director Wirth, Regional Director Baker and Superintendent Garrison were masters of ceremonies. Jack and Isabel Haynes were official host and hostess. Mr. Wirth presented Mr. Rogers with a hand-tooled leather book of letters from his many friends.

[illegible] Congressman Dawson and Sandy Wagner at Cooper [illegible] July 15.

The Colonial Williamsburg Band marched for [illegible] June 14, July [illegible].

Mr. Joseph L. Smallwood, Plant Superintendent Inspector, [illegible] housekeeping and fire control [illegible]. Generally, [illegible] was in good condition on July 15.

Security Officers. Mr. Tooney, a security officer from [illegible] Company failed the three days, including July 15.

Special Instructions. Chief Park Ranger Jackson [illegible] and Park Ranger Cromwell [illegible] W. Jones accompanied the [illegible] on the proposed hoeing at Williamsburg Inn.

July 6 was a holiday for Colonial employees by [illegible] Colonial closed by Freedom Celebration.

Park Statistics Report. [illegible] recommended the Advisory Park [illegible] at a meeting of the Advisory Council at [illegible] Park on July [illegible]. In [illegible] the Director of the Bureau of Sports Fisheries Conservation [illegible].

Park Statistics [illegible] and Public Park [illegible] recommend for approval meeting of the Advisory Council at [illegible] Park on July [illegible] being [illegible] Lake [illegible] Park on the [illegible].

Administrative Officer Anderson. Chief Park Ranger [illegible] Tabacco Village Plant, Jamestown National Park Cemetery, and [illegible] Colonial Parkway [illegible] Park on July [illegible] when the [illegible] recommended for the Presidential [illegible] Plant. [illegible] approved [illegible] recommendations (Monday, July [illegible]).

The Story of the Lemon Lawn [illegible] for all Park [illegible] Colonial [illegible] approved and presented the [illegible] Colonial on July [illegible] 1960 [illegible]. This was a [illegible] holiday [illegible] the [illegible] the [illegible] stories.

A [illegible] Party and [illegible] Lawn [illegible] July [illegible] Chief Ranger [illegible] Park [illegible] July [illegible] Colonial [illegible] July [illegible]. Park [illegible] Colonial [illegible] and [illegible] were [illegible] and [illegible]. [illegible] Park [illegible] Jones [illegible] Park [illegible].

Messrs. Garrison, Gastellum, Murdock, Hadley and McIntyre attended Livingston Rotary Club luncheon on July 18 and Chief Park Naturalist McIntyre presented a short program.

The Third Joint Meeting of the Outdoor Recreation Resources Review Commission and its Advisory Council met in Jackson Hole, July 28-August 1. This scientific conservation group was divided into four groups: I-Recreational Objectives; II-Wilderness; III-Administration of Recreation; IV-Recreation and Federal Water Development. Laurence S. Rockefeller is Chairman of the Commission. Director Conrad L. Wirth and Regional Director Howard W. Baker, Region Two, and Allyn F. Hanks, Chief of Visitor Protection, Washington, were in attendance. Also Henry Diamond, Executive Secretary, Washington, and Chester S. Wilson, Lawyer and Conservation Consultant of ORRRC.

The Superintendent's Staff meeting was held on July 14.

The passage of the pay increase bill over the President's veto, granted a 7½ per cent increase to employees subject to the Classification Act. It was effective on the first day of the first pay period beginning on or after July 1, 1960; namely, July 10.

Approximately 8,045 Boy Scouts visited the Park during the month while enroute to or from the National Jamboree at Colorado Springs, Colorado, July 22-28. This year is the 50th Anniversary of the Boy Scouts of America.

Wage Board employees in Yellowstone National Park and Big Hole Battlefield National Monument received approximately a 9¢ per hour basic raise, and a proportionate raise in the basic rate in the foreman levels, effective July 24.

The Chrysler-Avery Flying Service, Greybull, Wyoming, supplies a smokejumper plane for forest fire patrols. The plane was on duty at West Yellowstone Smokejumper Loft on July 1.

Administration

Personnel. Statistical Clerk Josephine Leamer resigned effective July 6.

William H. Burgen from Blue Ridge Parkway, eod July 15 as Canyon Sub-District Ranger.

Sub-District Ranger Howe was relieved of his duty at Canyon and took over his duties as Park Biologist on July 15.

Lawrence C. Hadley entered on duty as Management Assistant transferring from the Washington Office on July 1, replacing Joseph Joffe.

O. Raymond Sellers, Jr., Assistant Park Naturalist transferred in from Lehman Caves National Monument July 10.

Henry W. Short, transferred to White Sands Missile Range, New Mexico.

In-Service Training. A Law Enforcement School was held July 11 at Mammoth, conducted by Mr. Clifford Carmody of the Federal Bureau of Investigation and Howard H. Chapman, Law Enforcement Officer. Fire drills were held throughout the Park. The Interpretive Division held in-service training meetings for their employees.

Special Assignment. Paul Swearingen, Park Ranger, has been selected to attend the National Park Service Training Center in Yosemite National Park beginning September 18.

Grizzly Bear Studies. Dr. John J. Craighead, Leader of Montana Cooperative Wildlife Research Unit, Montana State University, Missoula, presented illustrated talks at Canyon and Old Faithful during the month.

Rules and Regulations. Regulations affecting the admission of commercial passenger-carrying vehicles in the Park became effective July 16.

The SERVICE BENEFIT PLAN was the choice of 83 employees and 66 employees chose the Indemnity Benefit Plan, which became effective July 10.

Deaths. Ethel M. Wood, 68, passed away in the Mammoth Hospital, July 12, from coronary thrombosis. Mrs. Wood was a visitor from Beaverton, Oregon.

Hazel S. Taggart, 58, passed away in the Mammoth Hospital, July 14, after ten months illness. Mr. Taggart is a seasonal National Park Service employee. Burial was in Livingston.

Roy A. Wright, about 70, passed away at the wheel of his car while waiting in line at West Entrance, July 20. Mr. Wright was from Aurora, Illinois, and was accompanied by his 14 year old grandson, John Wright of McHenry, Illinois.

Henry Y. Sawada, 45, a visitor from Stanton, California passed away in the Mammoth Hospital July 9, from coronary thrombosis. Burial was in Los Angeles.

Gwendolyn E. Scull, 72, Burlington, Iowa, died near Fountain Paint Pots, July 4, from coronary thrombosis. Burial was in Burlington, Iowa.

Charles Boatman, 71, suffered a fatal heart attack, July 2, while fishing on the Yellowstone River near Canyon. A visitor.

Martin Lee O'Reilly, 68, died from a heart attack, July 9, at Canyon Motor Lodge. A visitor.

Births. A son, Steven Eugene born 7-26-60 at Mammoth Hospital to Mr. and Mrs. John E. Royal, National Park Service employee.

A son, Robert Michael Townsley, 7-10-60, Mammoth Hospital, to Mr. and Mrs. Robert M. Townsley, Yellowstone Park Company employee.

A son, Charles Earl Sage, 7-12-60, at Mammoth Hospital, to Mr. and Mrs. Elmer R. Sage, National Park Service employee.

Cooperative Activities

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

There were nine press releases issued: Two on travel, one on road construction, one on ground breaking at Bridge Bay, one on Bridge Bay marina, one on construction reservoir at Grant Village, one--travel and fire hazard, one--Central Plateau fire, one--Fish mortality in Firehole River.

Religious and Chapel Use. Services for all faiths were held during the month throughout the Park as scheduled.

Interpretive Services. All Visitor Centers in the Park were open throughout the month. The interpretive programs at Mammoth, Canyon and Old Faithful were curtailed due to the fire situation.

On July 1 the Mt. Washburn bus service was inaugurated and a naturalist gave daily service on Mt. Washburn.

Dr. I. J. Witkind presented a special illustrated talk at Old Faithful Lodge entitled "The Hebgen Lake Earthquake."

An information map of the Bechler River Drainage was installed at the Bechler Station on July 9. The map was drawn by James E. Valder, Supervisory Park Ranger stationed at Bechler this season.

The Self-Guiding trails have been well accepted by Park visitors.

The Madison Campground was vacated July 15 and the Riverside Campground opened on the same date for campfire programs.

Public interpretive programs were given at West Yellowstone on Mondays, Wednesdays and Fridays during the month.

In the Norris Geyser Basin the Green Dragon Nature trail was closed and posted, and the boardwalk in front of Ledge and Valentine Geysers and the Black Growler Steam Vent were closed and posted as a safety measure.

Museum Activities. On July 3 and 4 Chief Park Naturalist McIntyre and Park Naturalist Joseph R. Murphy, took pictures in the Southeast arm of Yellowstone Lake and patrolled the Molly Islands.

Research and Observation. Seven collecting permits were issued during July and all of these persons were conducting research studies in the Park.

Three springs on the Mammoth Terraces are hotter than they were for the same period last year. These springs are Opal, Old Palette, and Reservoir.

Ten major eruptions of Sapphire Geyser were observed during the month.

Acting South District Naturalist Biddulph accompanied by Naturalists Beplogle and Sellars investigated a reported archeological site in the vicinity of Plover Point. There was evidence of temporary habitation and artifacts were removed to the Mammoth Museum.

Building and Utilities. Renovation of the Government Mammoth mess hall for use of the Park administrative offices was completed during the month.

The 26-inch concrete water line which crosses Swan Lake flats was repaired. This damage was caused by the earthquake.

Final inspection and acceptance was made of the project of repainting of masonry walls of Mammoth Chapel. This also was damaged during the recent earthquake.

Final inspection was conducted of the Cabin Area "B" roads and utilities project at Canyon. The job was not accepted because of extremely poor workmanship on manholes, water laterals, drain lines and mix.

Concessioners. Superintendent Garrison and the Concessioners met in West Yellowstone on the 7th, and again July 12 at Grant Village to discuss various maters pertaining to construction and operation.

Old Faithful Campers Cabins report they were sold out only on the nights of July 2 and 3. Old Faithful Inn was filled to capacity only one night. Old Faithful Lodge was sold out on July 2, 3 and 23.

Scheduled bus service to the top of Mt. Washburn became effective July 1. Buses operate on a half-hour schedule. Private vehicles are not permitted beyond the parking area. Sunrise trips to Mt. Washburn were reactivated this year, effective July 1. These Sunrise trips departed from Lake Hotel at 3:00 a.m., and Canyon Village at 3:30 a.m. during July.

Electric power distribution in one loop of the Old Faithful trailer court was assumed by Hamilton Stores, Inc., to provide an increased service for their employees.

Maintenance. Progress is being made in grading and surfacing in the Lewis Lake Campground.

Some clearing and grading of roads at Appolinaris and Midway for picnic areas was accomplished.

Construction. Construction of 25 individual camp sites at Otter Creek has been completed.

Protection and Ranger Service. West Entrance Station went on 24 hour daily schedule July 1. The Ranger Office at Headquarters went on a 24 hour schedule on the 3rd as did most of the entrance stations.

Park forest fires took considerable ranger time during the last half of the month.

Law Enforcement. There were 31 hearings held before the U.S. Commissioner during the month. Fines collected totaled $650.00.

Building Fire Protection. A tent fire occurred at Old Faithful Campground on the 3rd. The tent was a total loss.

A building fire occurred at Roosevelt Lodge on the 5th. Estimated damage $500.00.

Forest Fire Protection. Yellowstone had a series of disastrous forest fires during the month. The long, hot, dry spell, plus lack of winter snow, caused unusually severe burning and most explosive fire season on record.

The first large fire was discovered on the 20th on Central Plateau and was the largest of the four project fires. It burned about 281 acres.

Five fires broke out on the 22nd: Indian Creek, Mesa Road, Miller Creek, Cottonwood Creek and Crevice. By evening the Park was stripped of rangers, blister rust crews, Bureau of Public Road crews, WODC personnel and contractors' crews.

Miller Creek was the second largest fire discovered on the 22nd. It was a 21 mile hike to get into Miller Creek. The first day of the fire 6,000 gallons of Bentonite were used. This is the first use of Bentonite in Yellowstone. Approximately 116 acres burned. Indian Creek and Mesa Road fires were project fires and were controlled at about 85 and 60 acres respectively.

Sedge Creek, Cottonwood Creek and Crevice burned approximately 10 acres.

On Saturday, the 23rd, appeals for outside overhead assistance were met by Regions One, Two and Three. Personnel arrived as follows: Glacier 7; Rocky Mountain 4; Big Bend 2; Badlands National Monument 1; Dinosaur National Monument 1; Colorado National Monument 1; Petrified Forest National Monument 1; Carlsbad Caverns 1; Grand Canyon 1; Blue Ridge Parkway 6; Theodore Roosevelt National Memorial Park 1; Everglades 4; Great Smoky Mountains 3; Grand Teton 1; Lake Mead National Recreation Area 1.

Ralph McFadden, WODC, came to give assistance in keeping the Park radio net operating.

At one time there were 16 going fires. Fire fighters approximated 600. The smokejumper crew from West Yellowstone made many patrol flights and many hazardous jumps.

Everyone is commended for the splendid cooperation for fire suppression during the weeks of the fire emergency.

<u>White Pine Blister Rust Control</u>. U.S. Forest Service officials reviewed the Blister Rust Control program and inspected camp and field operations during the month.

Ribes eradication on 5,010 acres in the Park has been completed to date.

John C. Gynn, Forester, Missoula, reported White Pine Blister Rust infection in the Golden Gate-Mammoth area. His report of July 14 was the first report of rust in this area.

<u>Insect and Tree Disease</u>. Tom T. Terrill, U.S. Forest Service, Missoula, entomologist and Park Forester Myers made a survey of insect conditions in the Park on July 12 and 13.

Wildlife and Fish Cultural Activities. On July 18 and 19 numerous reports were received of dead fish along the banks of the Firehole River. Investigation revealed about 160 dead fish along the Firehole River and a seven-mile stretch between Biscuit Basin and Nez Perce Creek. Firehole River temperature, in the Biscuit Basin, was 78 degrees and at Midway Geyser Basin 80 degrees on the 20th, increasing downstream from Biscuit Basin. The mouth of Iron Creek and Little Firehole were clogged with fish trying to go up these rivers to cooler water. Probable cause for temperature increase may be due to increased thermal activity, low water, and the recent prolonged period of hot weather. It is not expected that the condition will be a permanent one.

Dr. Norman Benson of the U.S. Fish and Wildlife Service has assisted with the restoration of the live fish exhibit at the aquaria located in the hatchery building at Lake. Species of fish native to the Park lakes and streams are displayed and labeled.

Moose. Numerous moose have been observed in the Pelican Creek area.

Bear. Personal injury by bears during the month were reported at 17. There were 96 cases of damage to personal property reported.

Elk. Elk have been observed along Big Game Ridge.

Contracts. The following contracts were awarded in July:

Cop Construction Company Billings, Montana	58,650.00	Steel water reservoir Grant Village
Grinnell Company of the Pacific Spokane, Washington	8,652.00	Sprinkler system for Storehouse, Mammoth
Kloepfer Construction Co. Logan, Utah	249,317.40	Water and Sewer System Construction, Grant Village
Shallmaker, Inc. San Francisco, California	217,250.00	Dredging Bridge Bay Lagoon

[illegible]

<u>Plans, Maps, and Surveys</u>: [illegible] projects coming up are underway. [illegible] of crews engineers for most of [illegible] which is being [illegible] in Grant Village. The area of public [illegible] including mostly on the Grant Village approach road and [illegible] key sections. [illegible] and not making the progress we [illegible] to see on the 1961 [illegible] projects [illegible].

The [illegible] & [illegible] for [illegible] Public [illegible] for [illegible] Village spur road [illegible] received on July [illegible] for review [illegible].

The service road [illegible] for the new [illegible] was studied [illegible] we [illegible] recommended [illegible] with which [illegible].

A [illegible] alignment [illegible] recommended. This [illegible] improve the [illegible] of utility lines and reduce some of the steep grades. This is part of the Madison Junction road [illegible] project under contract to Peart Construction Company.

<u>New Construction</u>: [illegible] in July. Contracts for [illegible]

Steel water [illegible] will be constructed [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

by the Company and payment of outstanding bills has been very poor and work has dragged on interminably.

Projects beginning during the month are progressing satisfactorily as well are the Fishing Bridge Bay bridge, approaches, and bulkhead finish by Charles H. Smith; Madison Junction road relocation and Gibbon River bridge by Taggart Construction Company; and the construction of messhall, dormitory, seasonal apartments at Madison Junction and comfort stations at Grant Village by Teirer Construction Company. Nelson Brothers concentrated on construction of the sewage treatment plant at Madison Junction and have not yet started on the Mammoth seasonal apartments or the Madison Junction comfort stations.

Of the other 5th road jobs, the West Entrance road construction by Burggraf progressed very well and final surfacing is being placed on the main road. The service roads are being cleared and rough graded. Work on the North Entrance slide stabilization by Nelson Brothers is very slow and time allowed by the contract has expired.

Final inspections were held and the work accepted during the month for the two utility construction jobs at Fishing Bridge by Cop Construction Company and the washhouse construction and storehouse rehabilitation jobs at Mammoth by Reed Nielsen Construction Company.

Luis A. Gastellum
Acting Superintendent

In triplicate

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Attachments