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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone National Park
(Area)



FILE CODE: A2823

SUPERINTENDENT'S MONTHLY REPORT

NOVEMBER 1956

IMPORTANT

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FROM:

TO:

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

OFFICE OF THE SUPERINTENDENT

Summary of the November 1955 Monthly Garrison Report
YELLOWSTONE NATIONAL PARK

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<u>WEATHER:</u>	Mammoth snow light; temperature range -4° to 14°. Park minimum -35°, maximum 51°.	1
<u>TRAVEL:</u>	933 visitors in Nov., 1,457, 1955 season to date; increase over 1954. 2 in South by snowplow. Some roads closed. Travel for wildlife reduction & Canyon construction.	1
<u>VISITORS:</u>	Devereaux & Mrs. Butcher, National Parks Assoc. Robert Overton, Pueblo paper, in for winter story.	1-2
<u>INSPECTIONS:</u>	Boyle from Region & Teton men in re accounting system. Drake, Lyric & Heubners left for WYO from summer assignment. Mrs. Hoffman, Reg. Two, in re files.	2
<u>SPECIAL ACTIVITIES:</u>	Rogerses left for Denver. Garrisons arrived. Garrison & Joffe to Bude Ranchers Conv., Billings; Joffe to of NPS portion & Garrison spoke. Garrison & Brown to Mary Mtn. by Sno-Cat. Willigan to Missoula return; smokejumper gear. Lowe, Olson, Cruise, Miller on wavy survey. Lecher to Detroit for truck. Barrows to Teton. Wright to Denver with Rogers' files & get GSA supplies. Garry & Freeman to Chereau with prisoner. Staff meetings. Meeting re wildlife management. Gains appointed Chairman, School Board. Grievance Committee. Board of Survey revised. Trails & Mammoth grounds transferred from Protection to Engineering. Money awards to John Mauran, retired. Chas. Fehbe new Reg. Forester, USFS, Missoula. Boat "Gill" from Yell. Lake. Stone-Typist exam. Madison-Old (aimful & fast) car. roads closed; roads to West, Canyon & Oboe kept open.	2-4
<u>MISCELLANEOUS:</u>	Party for Baumanns. NPS meeting. Mammoth Library meeting & officers. NPS meeting. Montana State NPS officers meeting; Gabbert & Helen Tracy, Pres. & Sec., there. Yell. Park Officers meeting & election. Open house for Garrisons. Child White Elephant Sale.	4-5
<u>BIRTHS:</u>	Daughter born to Mr. & Mrs. James Wardis; son to Mr. & Mrs. James Hepburn.	5

<u>PERSONNEL:</u>	Movers from Supt. to Sp. Asst. to Director, Denver. Garrison from Chief of Contr. & Protection to Supt., Yellowstone. Stanton from Purchasing Agent to Fish & Wildlife Service. A. L. Robinson from Carlisle to District Ranger. Moener from Grand Canyon to Sup. Ranger. Appling from Platt to Sup. Ranger. Everett, Personnel Asst., temp. assignment to Sup. Purchasing Agent. Barnes temp. assignment from Janitor to Property Clerk. Carlock selected for Ranger. Kaserlind temp. appt. Payroll Clerk. Seasonal terminations.	5-6
<u>IN-SERVICE TRAINING:</u>	Training in wildlife reduction. Weekly News.	6
<u>ACCIDENTS:</u>	Nine auto accidents.	7
<u>BUILDING FIRE PROTECTION:</u>	Hazard inspection, extinguisher servicing. Fire in cabin of construction employee.	7
<u>PUBLICITY:</u>	Press releases re arrest of poachers and re elk management program. Yellowstone article in National Geographic. 49,360 broadsides on hand.	7
<u>CHURCH:</u>	Church, Sunday School, Youth Fellowship, Thanksgiving Service.	7
<u>INTERPRETIVE SERVICES:</u>	Ford film loaned. Interpretive Development Outline written. Draft of Interpretive Master Plan. Slide sets loaned to Dugas in Texas for television & to Dr. Nash at Minneapolis for programs.	8
<u>MUSEUMS:</u>	Large specimen obsidian to Toronto museum. Officials trip around park to review proposals for exhibits, interpretive stations & Canyon amphitheater.	8
<u>RESEARCH AND OBSERVATIONS:</u>	Several geese with orange neckbands reported to Nye. Game & Fish Dept. Swan and geese observations. Red fox at Swan Lake. 6 whistler swans crash-landed in storm & killed by coyotes. Dead birds in spring at Madison. Doe with 3 fawns. Bear hibernations, 1 under shot at Mammoth. Elk with freak antlers. Grotto Geysers active, Giant dormant. Mule deer observed.	8-9
<u>NATURAL HISTORY ASSOCIATION:</u>	Corrections in blueprint revised Plants book; copies to be available about Dec. Nature Notes.	9
<u>CONCESSIONERS:</u>	H. Child returned from National Hotel Assn. Conv., New Orleans. Nichols to Wash. DC & New York from Helena. Haynes in taking progress pictures at Canyon. YPCo shops at Gardiner closed. Construction Canyon Lodge continued.	10

<u>MAINTENANCE:</u>	Snow removal extensive; 100 miles kept open - snow heavy. Snow fence. Large V-plow borrowed from Court & found desirable. Concrete block at Canyon power house for generator. Lower Cascade Creek water system at Canyon shut down. New system in operation. Painting projects listed. Old 2-car garage torn down.	11
<u>RANGER SERVICE:</u>	Duties included taking prisoner to Chivevne, elk & bison reduction, patrolling, law enforcement, training new men.	11
<u>LAW ENFORCEMENT:</u>	Two men arrested and sentenced for killing elk in park. Man charged with drunken driving. Man arrested for over-weight truck. 3 men apprehended outside west side park for killing moose; turned over to Mont. Game Warden.	11-12
<u>ANTELOPE:</u>	Observations of antelope. Census delayed due lack snow. 1 found killed by .22 north end of park.	12
<u>BISON:</u>	Reduction operations; 250 taken. Aerial survey of locations. 30 trapped & killed. Lone bison habitating Stevens Creek area.	12
<u>COYOTES:</u>	Lead coyote found & turned over to naturalists. 1 killed by car between Mammoth & Gardiner.	13
<u>DEER:</u>	Hunting season in Montana closed & reopened.	13
<u>ELK:</u>	Elk management plan completed & mimeographed for distribution. Elk not moving down in fall. drainage out. Season closed 15th for while. At Gallatin moving out; 864 taken; season closed 30th. 20 killed direct control. No success trapping due lack snow on range. Patrols at Bechler; 150 taken outside near there. 41 taken outside East Entrance. 257 counted south of Stevens Creek.	13
<u>MOOSE:</u>	14 seen on Taylor Fork of Gallatin R. Moose calf killed by auto.	14
<u>SHEEP:</u>	Observed between Mammoth & Gardiner; others south of Deckard Flat.	14
<u>SWAN:</u>	5 dead & 1 crippled Whistler, crash-landed & coyotes attacked. 8 Trumpeters on Madison River.	14
<u>RANGE:</u>	Kittams' observations range conditions. Utilization. Kittams accompanied State College group over range. Measuring study plots. Downward trend.	14
<u>FOREST FIRE PROTECTION:</u>	Milligan returned smokejumper gear to Missoula. Last fire equipment brought in & prepared for winter. Old files gone over for material for Fire Chief's Office.	15

<u>FOREST INSECTS:</u>	Narrows suggested conference on spruce barkhorn with USFS Insect Lab man. Instructions for inspecting wind-thrown trees for insects prepared by Lab revised for Yell.; blow-down should be checked.	15
<u>GROUNDS:</u>	Grounds maintenance from Protection to Agr. Div.	15
<u>TRAILS:</u>	Trails from Protection to Agr. Div.	15
<u>RANCH:</u>	75 horses 2 miles at hour; those used fed grain, others grazing.	15
<u>CONSTRUCTION:</u>	Guardrail project suspended for winter; semi-final inspection; to finish & make star corrections in spring. Bids opened for surfacing roads Canyon area; Studer Co. low & accepted; money borrowed from Lake Lodge roads. Most projects closed down; some work on Thermal Area walks. Work continuing Canyon Lodge.	16
<u>UTILITIES:</u>	Appraisal Board report on telephone equipment appraisal approved by Region; negotiations continuing for contract with Min. States Tel. Co. Revised electrical rates from Fall River Coop. & forwarded. Radio contract held up pending technical answers.	16-17

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

OFFICE OF THE SUPERINTENDENT

December 11, 1956

Memorandum

To: The Director

From: Superintendent, Yellowstone National Park

Subject: Monthly Report for November 1956

Following is the report of activities for Yellowstone National Park during the month of November 1956:

General

Weather Conditions. Snowfall at Mammoth headquarters was quite light and after the 17th the days were clear and sunny. Only a light covering of snow remained in Mammoth at the end of the month. Statistics for the Mammoth weather station were as follows: maximum temperature 48° on November 10 and 12, minimum temperature -9° on the 19th and 20th, total precipitation .74", and maximum snow depth 11" on November 5.

The maximum temperature for the park during November was 54° at Lamar Unit on November 12. The park minimum was -35° at West Yellowstone on the 19th.

Increase or Decrease in Travel. Although the South and East Entrances were closed throughout November, the road between Mammoth and West Yellowstone remained open to travel.

Travel totaling 284 vehicles with 733 passengers was recorded partly by self-registry and partly through actual count. This is compared to 117 vehicles with 384 passengers in November 1955. Travel for the season to date totaled 1,457,196 compared to 1,364,106 through November 1955. One snowplane carrying two passengers entered the South Gate.

There was considerable local travel in connection with the wildlife reduction program at Old Faithful and Lake and in connection with the McNeil construction project at Canyon.

Special Visitors. Devereaux Butcher, Field Representative, Editor, National Parks Association, Washington, D. C., and Mrs. Butcher arrived November 6 and left the 28th.

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U.S. GOVERNMENT PRINTING OFFICE

Robert B. Overton, Pueblo Star Journal and Chieftain, Pueblo, Colorado, in November 8 and 9 for information for winter story for Outdoor Life on park.

Inspections. Parke W. Soule, Regional Finance Officer, RPS, Omaha, who arrived October 15, and Peter Swazo, Administrative Officer, and William Bartlett, Fiscal Accountant, Grand Teton National Park, who arrived October 21, departed November 1 for Teton. They participated in the installation of the new accounting system.

Edward Otake, Highway Engineer, and Ray C. Myrick, Supervising Engineering Aide, Western Office, Division of Design and Construction, San Francisco, who arrived May 30 on assignment in the Canyon area, departed November 3.

Allen D. Heubner, Highway Engineer, WODC, and Mrs. Reulmer left November 5 on return to San Francisco following assignment at Canyon since May 31.

Mrs. Loraine T. Hoffman, Chief of Office Services, Region Two Office, arrived November 9 from Teton to assist with the National Park Service filing system. She departed November 16.

Special Activities. Mr. and Mrs. Rogers departed via East Gate November 1 for Denver, Colorado, on his reassignment and change of headquarters from Superintendent of Yellowstone National Park to Special Assistant to the Director effective that date. There he will continue on a full-time basis his project on the legislative history of areas administered by the National Park Service.

Lemuel A. Garrison, whose promotion and change of headquarters from Chief of Conservation and Protection, Washington Office, to Superintendent of Yellowstone was effective November 1, left Washington, D. C. with Mrs. Garrison on November 4, spent November 7 and 8 in the Regional Office at Omaha and arrived here November 14.

Mr. Garrison and Management Assistant Joffe left November 19 and 18, respectively, for Billings, Montana, to attend the 31st Annual Convention of the Dude Ranchers Association November 19, 20 and 21. Mr. Joffe was Master of Ceremonies of the National Park Service portion of the program and Mr. Garrison presented a talk on MISSION 66, etc. Mr. Garrison returned the 21st and Mr. Joffe the following day. On the 23rd Mr. Garrison made a trip to Mary Mountain in the park by Sno-Cat with Chief Ranger Brown.

Snoekjumper Squadleader Milligan made a trip November 7 and 8 to Missoula, Montana, to return snoekjumper equipment to the U. S. Forest Service Aerial Fire Depot.

Park Engineer Rowe and Palmer Norman Olson left November 14 for Idaho Falls and Pocatello, Idaho, on a survey of prevailing wage rates, returning the 16th. A similar trip was made November 27-30 by Personnel Officer Gnuse and Shop Foreman Miller to Bozeman, Helena, Great Falls, Billings, and Livingston, Montana, and Cody, Wyoming. Mr. Gnuse also made a trip to Grand Teton National Park November 15-17 to interview an employee for possible transfer to Yellowstone and confer with officials regarding same.

Mechanic Kocher departed November 23 for Detroit, Michigan, to pick up a Ford van-type truck and drive it back to the park.

Forester Barrows made a trip November 26 to 29 to Teton on matters concerning that park.

Property and Supply Assistant Wright left November 26 for Denver, Colorado, to transport Mr. Rogers' legislative history files to his new office and to pick up supplies from the General Services Administration.

Assistant Chief Ranger Garry and District Ranger Freeman left November 28 to deliver a prisoner to Cheyenne, Wyoming, expecting to return December 1.

A regular staff meeting of division heads and other park officials was held in the conference room on November 8. A staff meeting was held on the 27th with a number of additional section heads and others in attendance. This was Mr. Garrison's first staff meeting here and afforded an opportunity for him to become better acquainted with some of the personnel.

A meeting was held November 26 in Mr. Garrison's office in connection with the buffalo and elk management program, attended by Messrs. Garrison, Hamilton, Brown, Wittam, Condon and Edwards.

On November 7 Aubrey L. Haines was appointed Chairman of the Yellowstone Park School Board to complete the unexpired term to August 1, 1957, of Willis Stanton who transferred from the area. The other members of the Board are Mrs. Merrill D. Beal, Secretary-Treasurer, whose term expires August 1, 1958, and Maynard Barrows, whose term continues to August 1, 1957.

A memorandum was issued November 15 to all permanent employees outlining the policy and procedures for the handling of employee complaints and grievances and designating the present Grievance Committee as follows: Joseph Joffe, Chairman; Harold R. Jones and Howard S. Kocher, Members; Edmund H. Gnuse, Advisor and Recorder; and Merrill D. Beal and William C. Nardis, Alternate Members.

The Board of Survey for Yellowstone National Park and Big Hole Battlefield National Monument was revised November 26, consisting of the

following: Gerald A. Lowe, Chairman; Keith C. Barnes, Clerk; Roger L. Miller and Lee L. Coleman, Members; and Joseph Joffe and Howard S. Kocher, Alternate Members. Mr. Barnes replaces Gene F. McLeod who has been reassigned from the position of Property and Supply Clerk to that of Signmaker and Mr. Coleman has been substituted for Willis Stanton who transferred to the Fish and Wildlife Service.

Effective November 9 the supervision of all horse trail maintenance and maintenance of grounds at Mammoth, formerly under the Protection Division, was turned over to the Engineering Division. In the 14th the Electrical Branch was transferred from the direct supervision of the Assistant Superintendent to the Engineering Division.

A Certificate of Honor Award, Citation for Commendable Service, lifetime pass to areas administered by the National Park Service, medal and lapel button were received for John Bauman together with a lifetime pass for Mrs. Bauman. Mr. Bauman retired October 31 as District Park Ranger following 37 years of Government service, nearly all of which was in Yellowstone National Park. Presentation was made by Administrative Officer Anderson in Livingston November 28 prior to their leaving for the East and Southwest for the winter.

Effective November 1 Mr. Charles L. Tebbe assumed the duties of Regional Forester, Northern Region, U. S. Forest Service, Missoula, Montana, succeeding Mr. P. D. Hanson who has been transferred to the Alaskan Region. Mr. Tebbe formerly held the position of Regional Forester of the Northeastern Region, Upper Mercy, Pennsylvania. Yellowstone works closely with the Forest Service in Missoula on many matters of mutual concern.

The National Park Service boat "Willie" was removed from Yellowstone Lake on November 1 and brought to Mammoth for the winter.

The Local Civil Service Board held an examination for Stenographer-Typist on November 16. There was one competitor and Personnel Assistant Everett conducted the examination.

The Madison Junction-Old Faithful road was officially closed to traffic on November 1 and the East Entrance road the following day. The road to West Yellowstone was open throughout November and the road to Canyon via the Morris-Canyon cutoff was kept open to permit the McNeil Construction Company to continue work on the new Canyon Lodge building. The road from the North Entrance to Mammoth, Northeast Entrance and Cooke will be kept open throughout the winter.

Miscellaneous. A community farewell party was given November 2 in the basement of the Warren Hamilton home in honor of John ("Scotty") Bauman, District Park Ranger who retired October 31, and Mrs. Bauman. The Baumans were presented an electric frying pan and toaster by their friends here.

The regular monthly meeting of National Federation of Federal Employees Local No. 465 was held in the Canteen on November 5.

The Mammoth Library annual meeting was held November 8 in the Canteen and the following were elected for the ensuing year: Mrs. Thomas Hyde, Chairman; Mrs. John Tyers, Vice-Chairman; Mrs. Joe Lutz, Treasurer; Mrs. Otto Brown, Secretary; Mrs. Warren Hamilton, Finance Chairman; and Mrs. Karl Gilbert, Book Chairman.

The American Federation of Government Employees held its regular monthly meeting in the Canteen on November 9.

A meeting of Montana State officials of the National Federation of Federal Employees was held in Bozeman on November 11, with Ellis L. Gabbert and Mrs. Helen B. Tracy of Yellowstone, State President and Secretary, respectively, in attendance.

The annual meeting of the Yellowstone Park Riders was held November 14 and the following elected for the coming year: Gilbert McLaren, President; Foster Freeman, Vice-President; Kay Edwards, Secretary-Treasurer; and Mrs. Tom Milligan and Ted Kocher, Board Members.

An open house was given November 25 by the Warren Hamiltons and Otto Browns in the Hamilton residence in honor of Superintendent and Mrs. Lemuel A. Garrison presenting an opportunity for them to meet most of the park people and many from Gardiner.

A White Elephant Sale was sponsored in the Canteen by the Yellowstone Guild on November 29.

Births. A daughter, Cheryl Lynn, was born November 2 to Mr. and Mrs. James W. Mardis at the Memorial Hospital in Livingston, Montana. Mr. Mardis is a Project Clerk with the National Park Service.

A son was born to Mr. and Mrs. James E. Hepburn at Vanlue on November 29 and has been named John Ralph. Mr. Hepburn is employed as a seasonal Mechanic Helper with the National Park Service.

Administration

Personnel. Edmund B. Rogers, Superintendent, GS-15, received a reassignment and change of headquarters to Special Assistant to the Director, GS-15, effective November 1 on which date he and Mrs. Rogers departed for Denver, Colorado, where he will continue his project on the legislative history of areas administered by the National Park Service.

Lemuel A. Garrison received a promotion and change of headquarters November 1 from Chief of Conservation and Protection, GS-14, Washington Office, to Superintendent, GS-15, Yellowstone. He and Mrs. Garrison arrived November 14.

Willis Stanton, Supervisory Purchasing Agent, GS-8, left November 1 with his family on permanent and change of headquarters to Procurement and Property Management Office, GS-6, and will claim service, Albuquerque, New Mexico, effective November 1.

Robert E. Anderson, Supervisor of Game Warden 1, on permanent and change of headquarters from Supervisor of Game Warden, GS-6, Canyon National Park, to Supervisory Park Ranger (Interpretive Park Ranger), GS-7, Yellowstone. He was placed in charge of Game Warden until August when John Hansen, who retired October 31.

Ray E. Brown, Supervisor of Game Warden 1, on permanent and change of headquarters from Park Ranger, GS-6, Grand Canyon National Park, to Supervisory Park Ranger, GS-6, effective November 1, and stationed at Canyon.

William A. Arnold, Supervisor 2, on permanent and change of headquarters from Park Ranger, GS-5, Platt National Park, to Supervisory Park Ranger, GS-6, to be assigned to West Yellowstone effective December 2.

Holla E. Everett, Personnel Assistant, GS-7, was temporarily assigned to the position of Supervisory Purchasing Agent, GS-8, on November 1 for a period not to exceed three months.

Effective the same date, Mrs. E. J. Smith, Secretary, GS-5, was temporarily assigned to the position of Secretary, GS-5, for a period not to exceed three months.

Charles A. Harlock of Denver, Colorado, was assigned November 1 from the Park Ranger register for his position as Park Ranger, GS-6. He expects to report January 2, 1957.

On November 17 Lacey received a telegram appointing pending establishment of register as seasonal Clerk, GS-4, terminating his temporary appointment as seasonal Project Clerk, GS-4, effective at the close of November 16. Assignments of seasonal personnel included those of Wallace Jack Hammer, Project Clerk, GS-4, and J. Josephine Leaver, Statistical Clerk, GS-3, at the close of November 2, versus F. Ozley, Clerk-Typist, GS-3, and L. Harlock, Clerk-Stenographer, GS-3, at the close of November 2, and Elsie L. Plummer, Clerk-Typist, GS-3, at the close of November 3.

In-service training. District Game Warden and Park Ranger Lacey, Dutton and McLaren received on-the-job training in the wildlife reduction program under District Game Warden May, Coleman, Elliott and Stevens.

On each Thursday Yellowstone's Local News was issued to keep employees, concessioners and others currently informed of local happenings.

Motor Vehicle Accidents. Two automobile accidents occurred during the month. One accident involved a National Car Service employee driving a government vehicle in line of duty. One Glass 4 car accident occurred, and six Glass 4 accidents mostly due to excessive speed on icy snow-covered roads. Three of the Glass 4 accidents occurred on U. S. Highway 101, west of West Yellowstone. One vehicle was turned over at the Fishing Hill, some miles west of town, and abandoned. The driver has no known identity.

Building Fire Protection. Inspection of 100 government buildings in the Mammoth area for fire hazards was begun. Fire extinguishers were tested and necessary maintenance or replacement made.

The building fire occurred in the Mammoth area. The building was being occupied by construction workers. The cause was reported to be an overheated stove. The blaze was confined to the room and was using the oil's fire truck. There were no injuries. J. L. Thompson Company, caterer for oil construction company, and some construction employees. In addition to damage to the building, \$171 of personal property was lost.

Cooperative Activities

General Publicity. A press release was issued to the Associated and United Presses and local newspapers covering the arrest and conviction of two men for poaching an elk in the park.

In November 30 a press release was sent to the all portions of the park's mailing list on the elk management program.

The December issue of the National Geographic Magazine featured a very interesting article entitled "Wildlife Survey in Yellowstone National Park" by Dr. Paul A. Smith and was in the past issue. Excellent photographs of Yellowstone personnel, wildlife in country, largely by the author, stimulated interest in the article.

A total of 19,360 Yellowstone brochures for 1955 are on hand at the close of November.

Religious Services and Church Use. The Yellowstone National Park Chapel at Mammoth was used each Sunday for the regular church school services at 10:00 a.m. and for the morning service at 11:15 a.m. Both of these services have been well attended. Student Minister Robert Johnson functioned as pastor for the church services and has also directed the youth religious program. The youth fellowship group has alternated between Mammoth and Gardiner during the month in their meetings. A special Thanksgiving service was conducted by this group in the Gardiner Chapel.

Interpretive Service. The interpretive services of the Division were not active during the month and no outside talks or programs were given by the qualified staff members. The only 16mm magnetic sound motion picture on Yellowstone was loaned to a radio show of the Hollister Fuel Co., Powell, Idaho.

The Interpretive Service continued to develop the following as redone in draft form and copies were given to Superintendent Harrison and Assistant Superintendent Hamilton for review and comments on November 16. In addition to the interpretive development, a rough draft of an interpretive series has not was prepared for review and corrections before the completion of final copies.

A complete set of 35 Kodaslide were sent on last November. William Sugas of the Ford Motor Co., at Houston, Texas, is going to use these slides in presenting a series of programs about Yellowstone on television. The programs will appear each Saturday for 6 weeks and will be broadcast from the Houston, Texas station only. A set of Kodaslide were also sent to Mr. Arthur East at Chicago, Illinois for his use in presenting programs to groups in that area.

Museum Activities and Exhibits. On November 14, Mr. J. W. Hamilton of Cheltenham, Ontario, Canada, visited the Museum and discussed the possibility of loaning a collection of Indian artifacts to the Museum.

On November 20 Park Naturalist John W. Hamilton, Superintendent Harrison, Assistant Superintendent Hamilton and Landscape Architect Matteson on a trip to Old Faithful, Oregon, and the Park Museum. They reviewed in the field proposals for expanding exhibits on interpretation stations. They also discussed the possibility of a new exhibit.

Research and Observations. On November 14, Mr. J. W. Hamilton and three geese on the river between Lake and Canyon were observed. One was wearing orange neckbands and was observed on November 15. Park Naturalist Hamilton and Tyers observed three geese with orange neckbands. One was observed on the Firehole River one out of three geese observed also had orange neckbands. The observations of these geese were reported to the Wyoming State Fish and Game Department.

A lot of swan and geese have been observed along the river and the Mary Kay area of Yellowstone Lake. On field trips made by Mr. W. J. Hamilton and Park Naturalist Seal has told us that he has observed a number of swan and geese on November 15:

On November 15 Park Naturalist Seal and Tyers observed 1 red fox at the south end of Swan Lake. At this time the number of swan counted as follows: 40 at the south end of Yellowstone Lake (10 were cygnets), 12 two miles below Firehole Bridge on Yellowstone River, 12 near the Dragons Mouth area (7 were cygnets), and 6 swan were seen near the Dragons Mouth area. This makes a total of 60 swan seen, of which at least 13 appeared to be cygnets. The relative number of American Swan and Trumpeter Swan in this count is unknown.

Operations

Concessioners. Huntley Child, Jr., Vice-President, Yellowstone Park Company, returned November 1 from New Orleans, Louisiana, where he attended the National Hotel Association Convention.

W. M. Nichols, President, Yellowstone Park Company, left Helena, Montana, November 3 for a trip to Washington, D. C. and New York City. Following return to Helena he will leave the first week in December for his winter home in La Jolla, California.

J. E. Haynes, President, Haynes Inc., and Mrs. Haynes were in the park November 10 and 24 from their winter headquarters at Bozeman, Mr. Haynes taking progress pictures on the Canyon development.

The Yellowstone Park Company closed its repair shops at Gardiner on November 30, tentatively planning to reopen about March 1.

Construction was continued throughout November on the new Canyon Lodge by the McNeil Construction Company, contractor for the Yellowstone Park Company. This contractor expects to continue work on the project until about the middle of December.

Maintenance. Park Engineer Rowe reported snow removal in the park during the past month was rather extensive as over 160 miles of the park roads were kept open. The roads between Madison Junction and Old Faithful and between Canyon and Lake were kept open for the buffalo and elk reduction program. The road from Gardiner to Canyon and the Morris to West Entrance road were kept open for the contractors working at the new Canyon Village and the road to Cooke was kept open as it is a mail route. The snowfall in general was heavy and the cost of removal has been rather expensive.

The road crew installed another 1,000 feet of snow fence, bringing the total now installed to 16,000 feet, and did other routine maintenance during the month.

The park borrowed a large V-plow from Park County, Montana, and it was attached to one of our Austin Western graders. This plow was tried on the park roads for several days on an experimental basis and found to be a highly desirable piece of equipment. Equipment Supervisor Robinson and Road Supervisor Armstrong were both highly impressed with the plow's performance and believe it would be of tremendous help both for early winter plowing as well as in some spring opening. Mr. Rowe recommends that if at all possible the park try to locate sufficient funds to purchase a similar plow yet this winter as it should prove to be a very economical and feasible piece of equipment.

A concrete block nine cubic yards in size was poured in the Canyon Power House during the latter part of the month. The block is for the new 275 KW generator which is to be installed and ready for use June 1, 1957.

The Lower Cascade Creek water system at Canyon was shut down and drained on November 16. This was made possible when the McNeil Construction Company agreed to move its mess operations from Canyon Cafeteria to the Yellowstone Park Company Messhouse. Very little difficulty has been experienced with the new Canyon water system and it is still in operation providing fire protection for the new buildings now under construction in the Village area as well as providing for water supply. The operation of this system has put an additional burden on the Sanitation Department's budget, as it is costing in excess of \$500 a month for its operation.

During the past month the following painting projects were accomplished: Apartments H, I and J in building No. 70 were completely repainted and the floors were refinished; the office and washroom in the repair garage, building No. 23, were painted; the living room, kitchen and hallway in residence No. 81 were painted; the Superintendent's office in building No. 39 was repainted; and the quarters in building No. 13 had the kitchen, bathroom and living room repainted.

Building No. 47, a two-car employees' garage, was torn down and destroyed on November 8 as per Superintendent's orders. This building, which was built prior to 1900, was badly racked and in extremely dangerous condition and was recommended to be destroyed as a safety measure by the Park Board of Survey.

Protection and Ranger Service. Assistant Chief Ranger Garry and District Park Ranger Freeman transported a prisoner to the federal jail at Cheyenne, Wyoming, leaving here on the 17th and returning on the 29th. Field activities included bison and elk reduction at Old Faithful and Hayden Valley, boundary patrols, investigation of accidents, apprehension of persons illegally hunting, and maintenance work at outlying stations. New men are receiving orientation and on-the-job training. The Chief Ranger's Office has kept records, correspondence and reports current, prepared material for the Field Solicitor, Northern District of California, relative to the Della M. Wallace bear injury Tort Claim, prepared complaints for hearing before the U. S. Commissioner, cared for prisoners and the park jail, and assisted in getting new men established in their assignments. Some work was done on inventories and the transfer of property to other divisions in accordance with the reassignment of grounds and horse trails to the Engineering Division.

Law Enforcement. Gary Rockne Illingsworth and Eugene Charles Pachl, both of Cooke, Montana, were apprehended by District Ranger Murphy and appeared before the U. S. Commissioner charged with illegal killing of an elk near Pebble Creek on November 11. Illingsworth was given a fine of \$300 or 90 days in jail and after spending 7 days in jail he raised the fine and was released. Pachl received a fine of \$200 or 60 days in jail and being unable to pay the fine was transported to Cheyenne to serve his sentence.

Elmer E. Hogan, a McNeil Construction Company employee, was apprehended the night of the 28th and jailed overnight. He will appear before the U. S. Commissioner at a later date to answer the charge of driving a motor vehicle while under the influence of alcohol.

W. L. Reich of the Reich Trucking Company, Livingston, appeared before the U. S. Commissioner on November 9 charged with operating an overweight vehicle on park roads and upon a plea of guilty was given a \$100 suspended fine. He also was called in to talk with the Assistant Superintendent concerning his trucking in the park.

Rangers Gunzel and Valder apprehended three men from Minnesota on the 3rd just outside the park on Tapes Creek for illegally killing a moose. The men were turned over to Montana State Game Warden Les Clark.

Wildlife and Fish Cultural Activities. ANTELOPE. On the 14th, 116 antelope were counted in the Gardiner-Stevens Creek area. On the 29th, 16 were counted near the North Entrance. An antelope killed by a .22 caliber firearm was found on the 18th on the secondary road .5 mile south of Meese Creek within the park. As yet the investigation has not revealed who shot the animal. A few antelope were reported near Junction Butte in the Tower Fall area by District Ranger Murphy on November 4. Probably all antelope were on winter range by mid-November; however, the census of them was delayed due to the absence of snow.

BISON. Bison reduction started in the Old Faithful area and in Hayden Valley on November 13 and ended at Old Faithful on November 30. Reduction operation was extremely difficult because of the light snow cover. In past bison reductions snow was deep enough to prevent the animals escaping easily but this season the snow was so light that the animals escaped easily and moved back onto the higher plateaus where they could not be reached.

An aerial reconnaissance of bison was made by biologist Litwack on November 14 to determine locations and approximate numbers for use in planning the reduction. The flight lasted 3-3/4 hours at a cost of \$57. Only 27 animals were seen in the Firehole area, about 300 were found in Hayden Valley, 56 were seen in upper Pelican Valley and 21 were reported by Chief Ranger Brown near Yellowstone Lake as seen by air the following day, and 183 were observed in the Lamar area where coverage was definitely incomplete.

The Crystal Creek elk trap was baited and set and success attained in trapping 38 bison which were killed and turned over to Indians.

The bison carcasses were turned over to 15 Indian tribes, councils and schools. Bison were taken as follows: 40 at Old Faithful, 38 in Lamar Valley and 164 in Hayden Valley, totaling 250.

Of local interest is the lone bison which has taken up habitation in the Stevens Creek area. This is probably the same animal noted in the North Entrance area last winter.

COYOTES. Chief Ranger Brown found a dead coyote near Canyon Junction on the 24th and turned it over to the Naturalist Division for study.

Park Ranger Perkins disposed of the carcass of another coyote found on the first bridge from Mammoth toward Gardiner on the 23rd. It had been struck and killed by a motor vehicle, and partially eaten by scavengers.

DEER. The regular Montana deer season which allowed two deer of either sex per hunter in areas adjoining the park was closed on November 15. It was reopened on November 24 in Park County, where deer appear plentiful near the park boundary.

ELK. Local revision of the management plan for the northern Yellowstone elk herd was completed and the plan was mimeographed for distribution. There appears to have been almost no downward movement of elk in the Yellowstone drainage after the warm period in early November. The Montana Fish and Game Commission closed southern Park County to elk hunting on November 15 and plans to wait until a number of elk move out of the park before reopening the season.

In the Gallatin drainage, park rangers observed a definite movement out of the park about November 7. On November 23, Montana Fish and Game people counted 1,017 elk in the park and adjacent preserves from a plane; and on November 28, 801 in that area with about 400 being in the park. Only 63 could be seen in the area open to hunting on November 28. The hunting season was closed on November 30 since it was possible that the goal of retaining a herd of only about 1,000 elk had been achieved. Total hunter harvest from October 15 to November 30 in the Gallatin area was determined to be 254 elk, according to Game Department personnel.

Twenty elk were killed and the carcasses turned over to three Indian Councils and Schools.

The elk traps are ready but as yet no elk have been trapped. Much of the northern elk range is free of snow and not much success is expected in the trapping operations until we have heavy snow.

Patrols were made into the Bechler area although travel by road was possible only as far as Rock Creek. Over 150 elk were taken in the open hunting area southwest of the park and the season closed November 30.

It is understood that hunters took 61 elk outside the park near the East Entrance.

On the 19th, 257 elk were counted south of Stevens Creek Ranger Station at the north end of the park.

MOOSE. In November 27, 11 moose were observed along Taylor Fork of the Gallatin River.

A moose calf was killed by a motor vehicle near Van Creek on the 2nd.

SHEEP. Bighorn sheep have been observed several times in the Mount Everts area near the first bridge from North Entrance. As many as seven were seen at one time. Five sheep were observed in the park south of Deckard Flat.

SWAN. District Ranger Gilbert reported finding five dead and one crippled Whistler swan on the 1st at Fountain Flats. They apparently landed there during the snowstorm the day before and had been attacked by coyotes.

Eight adult and one cygnet Trumpeter swans were observed on the Madison River between Madison Junction and West Entrance on the 17th.

Range. Snowfall for the month, all of which fell between November 1 and 17, aggregated only 0.77 inch of precipitation at Mammoth where the normal for November is 1.26 inches. Temperatures were generally low, there being six days on which temperatures dropped to zero degrees Fahrenheit or below. During a warm period from November 6 to 13 snow settled and it melted somewhat, freeing a considerable portion of the low Yellowstone and Gallatin ranges and many of the south-facing slopes at higher elevations. The remaining snow developed a hard crust which hampered foraging by elk. New snow persisted only a short time on most of the critical range after the warm period. Soon after the crust developed, elk were frequenting critical portions of both the Yellowstone and Gallatin ranges. By the end of the month elk had fed considerably on critical or late-winter range in the Gallatin area and had removed nearly all of the forage from similar sections in certain parts of the Yellowstone range.

Snow near the Gallatin Ranger Station was about a foot deep and heavily crusted on November 14; that near Blacktail elk trap and in lower Lamar valley was about five inches deep and crusted except for a granular layer on top at the end of November.

Biologist Kittans accompanied two professors and 19 range management students from Montana State College on a tour of the northern Yellowstone range on November 30. Range condition, trend studies and feeding habits and management of the elk were explained to the group. A considerable amount of the Biologist's time was devoted to measuring vegetation as recorded on charts of study plots made in 1952 and 1953. Significant downward trend has been found on some plots representing late-winter range--more than is apparent from pictorial records.

Forest Fire Protection. Smokejumper Squad Leader Milligan returned Forest Service smokejumper gear to Missoula parachute loft on the 7th. This equipment had been used on a rental basis by our smoke-jumper unit at West Yellowstone.

The last of the fire equipment was brought in from the park during November. Truck pumps were flushed with anti-freeze to remove ice formation left in apparatus after draining. Red lines were thawed by the office stove and drained before being stored.

The old files, prior to 1948, were gone over and materials of value as records for future fire control planning were taken out and filed in the Fire Chief's office.

Forest Insects. Forester Harrows suggested a conference regarding the spruce budworm infestation at Yellowstone with Phil Johnson of the Forest Insect Laboratory participating in the discussion.

Instructions for inspecting wind-thrown trees for insect attacks were prepared by the Forest Insect Laboratory and they have been revised to apply to Yellowstone species with the thought that such information would be valuable in the ranger manual. A considerable amount of blow-down occurred during the 1955-56 winter which should be checked for insect population increases.

Grounds. Effective the 9th, the maintenance of grounds was assumed by the Engineering Division, relieving the Protection Division of that responsibility.

Trails. All horse trail construction and maintenance was assumed by the Engineering Division effective the 9th. This was formerly the responsibility of the Protection Division.

Ranch and Corral Operations. A total of 75 head of horses and mules are now at the ranch at Lamar with the last animals brought in from Lake on the 3rd. Some grain was fed to horses being used but no feeding of the herd was necessary as there was good grazing all month.

Work and Construction

New Construction. Charles E. Allen, contractor, Thermopiles, Wyoming, was directed to spend about \$100,000 for the construction of public roads on his Contract No. 11-11-1110-10, construction of three structures on Grand Loop Route One, Section 1 (hardball) (lower junction to Canyon); East Entrance Route Five, Section 1 (hardball) (junction to Lake); and Northwest Entrance Route Five (hardball), 1. The structures are complete. A semi-final inspection was made November 5, 1934. The project engineer, Erickson and Decker, and the contractor and the representatives of the fabrication and the firm from Laramie were to have been present but could not attend the inspection because of snow. Several details of construction were to be corrected in the spring when weather permitted work. There were irregularities in the stone, the large curb lower, the lower curb in posts and in the hand rail and land rail posts. The coloring was spotty and much black coloring was still running from the stone. These are all to be corrected in the spring. The lower and upper entrance structure swept of snow for several days prior to this inspection.

Bids were opened on November 7 for the Trucking of Stone Area, Commissioner Service and the National Park Service, delivery and final loading of Lawrence County and other miscellaneous work in the Canyon Area. The low bidder was the lower construction company of 211,000, Portland. The main bid, which called for a dense graded bituminous mix and a dense graded bituminous mix and a dense graded bituminous mix, was for a sum of \$277,000. The 211,000 bid called for a dense graded bituminous mix and a dense graded bituminous mix in lieu of the plant mix and crusher run base course and was bid at \$216,000. A determination was made that the bituminous mix was not satisfactory and that the bid would be rejected if no other funds were available. As a result of the acceptance of this bid, it was necessary to borrow 70,000 from the Lake Lodge Road Fund and to request, as suggested by the Regional Office in order to run up sufficient funds. It was felt that the completion of the Canyon Area project at this time was more important than the Lake Lodge Road. Thus, the completion of the Lake Lodge Road will have to be held in abeyance at least one year until necessary funds are found to complete the job.

All service construction work with the exception of the construction of walks in Thermal Area are closed down for the winter. A small crew is at work constructing the lower walks for this project, which will be assembled next spring.

Work was planned to continue until the middle of December on the main lodge building at an on contract for the Yellowstone Park Company to Colwell Construction Company. All other construction construction was closed down by the end of the month.

Utilities. The Regional Director, Jackson was directed to report of the Appraisal Board regarding the evaluation of the telephone system in Yellowstone which is proposed to be acquired by the United States Telephone and Telegraph Company from the Yellowstone Park Company.

and National Park Service. The contract for the construction of the line was awarded with the Telephone Company to provide telephone service to the park.

Some revised electrical service plans were submitted to the Wall River Cooperative, Leavenworth, Kansas, and forwarded to the National Office for review in connection with the proposal to furnish power to the park from outside sources.

The radio contract was still pending at the end of the year awaiting replies to technical questions referred to Radio City, Inc., of Chicago, low bidder on opening of October 1.

W. L. Harrison
Superintendent

Monthly Progress Report forms attached

In triplicate

Copy to Region Two w/c James

Files (2) ✓
Joffe Office Files

EKM:se & ekm



YELLOWSTONE NATIONAL PARK

Lemuel A. (Lon) Garrison, new superintendent of Yellowstone National Park, pictured at his desk on the first day of his service in the park - November 15, 1956.

Photo by: Condon



YELLOWSTONE NATIONAL PARK

Assistant Superintendent Warren F. Hamilton presenting Superintendent Edmund B. Rogers with a wrist watch as a going-away present from his Yellowstone friends following his services as superintendent of the park for more than 20 years. Mrs. Isabel Haynes is to Mr. Hamilton's left; Mrs. Rogers and Jack E. Haynes to Mr. Rogers right. Going-away party held for the Rogers in the Mammoth Canteen October 6, 1956.

Photo by: Gendon



YELLOWSTONE NATIONAL PARK

Black bear peering from hibernating nest under the stove shed
at Mammoth - November 18, 1956

Photo by: Condon

