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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE NO. 12223

SUPERINTENDENT'S MONTHLY REPORT

JANUARY 1957

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 January 1957 Monthly Narrative Report
YELLOWSTONE NATIONAL PARK

		Page
WEATHER:	Cold. Mammoth above freezing on 2 days, below zero on 13 days, maximum 35°, minimum -25°, precip. 1.23", snow depth 19". Snow courses listed. Park maximum 39°, minimum -53°.	1
TRAVEL:	503, only half of last January; 28 over-snow.	2
INSPECTIONS:	Tom Cearty, FBI, talked to FTA. Tom Terrell, USDA Insect Lab, in for budworm samples. Harold Snegosky, Reg. Personnel Officer, in re personnel. USGS men in for river and lake measurements.	2
VISITORS:	Rev. Warren Ost, Director of Christian Ministry in National Parks, in.	2
SPECIAL ACTIVITIES:	Garrison, Hamilton, Howe, Mattson to programming conf. in WASC. Garrison to Omaha Supts. Conf. & Harrows assignment there re forestry, etc. Joffe Act. Supt. until Hamilton return. Gordon talk to Kiwanis. Brown to Bozeman re land studies. Winkle to Kalispell obtain snowplow. Kittams to Great Falls Am. Soc. of Range Mgmt. meeting. Men to Bozeman Snow Survey School & West Yell. Over-Snow Equipment Tests. Safety Committee, Staff & Squad Meetings. Mail opening transferred from Mgmt. Asst. to Admin. Officer. Board of Survey, Safety Comm. & Sign Comm. appointed. Cooke, Montana changed to Cooke City. Steno exam. $28,374.42 bond investments 1956. Geo. Ingalls, Reg. Two, retired. Max Goodsill, Northern Pacific GPA, St. Paul, retired.	2-4
MISCELLANEOUS:	Schools resumed after holidays. NPTL meeting & election. AFGE meeting. Credit Union meeting & election, 4.8% dividend & 5% interest refund.	4
DEATHS:	Death of Charles L. Hamilton, father of Asst. Supt. Warren F. Hamilton, at Berkeley, California.	5
PERSONNEL:	Karl Gilbert, Dist. Ranger, to Chief Ranger, Everglades. Ellen Bratlien from Clerk-Steno, GS-4, to Clerk, GS-5, office services. Marie Pierson conv. to career-cond. appt, Clerk-Typist to Mail & File Clerk, GS-3. Advice Robert Sharp, Sup. Ranger, selected Biologist, GS-9, Reg. 4. Ruth Hammack temp. appt. Clerk-Steno. Term. temp. appt. Shirley Epperson Clerk-Steno.	5

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DEER:	Hunting season closed 5th, Park Co., Montana. Does but few bucks seen there. Deer hindrance to elk trapping.	10
ELK:	Weather conditions improving for reduction. 125 live elk to N. Mex. & 17 calves to Montana. 39% direct reduction to date. Hunting Gardiner area reopened [illegible], about 150 to date. Migration much smaller than last year due better feeding in park & herd smaller. Kittams' observations of movements downward, etc. Pregnant females. Info on recovered tagged elk. 352 in [illegible] park Gallatin area on count Jan. 2, could remove available forage critical range being there this time of year.	11
WATERFOWL:	Waterfowl census in cooperation with [illegible] Service.	11
RANGE:	Observations of Biologist Kittams re range conditions. Poor growth winterfat at Coal Mine Flat. Plan for completion study of factors affecting aspen reproduction; reviewed with & assistance from Dr. Ellison at meeting Am. Soc. Range Mgmt. at Great Falls; Kittams attended & presented talk re color photography in range studies.	12
FOREST FIRE PROTECTION:	Smokejumper Squadleader on tool maintenance, fire cache renovation, etc. Dispatcher on material for spring training & assembling material for fire review, when not on elk reduction.	12
LAND CLASSIFICATION:	Compilation of type classifications all public domain in park in compliance Regional request.	12
FOREST INSECTS:	USFS Insect lab man in for bole samples to determine possible spruce budworm population for next summer.	12
PLANS, MAPS AND SURVEYS:	Garrison, Hamilton, Howe, Mattson to planning & programming conf. at WCRC. Quarters maintenance survey. Plans & estimates for construction projects for summer.	13
CONSTRUCTION:	Studer Co. advised of acceptance bid for surfacing & grading of roads in Canyon area. All construction closed down.	13
UTILITIES:	Continued negotiations with Mtn. States Tel. & Tel. Co. re proposed contracts re telephone system for park; Garrison discussed at San Francisco.	13

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February 7, 1957

Memorandum

To: The Director

From: Acting Superintendent, Yellowstone National Park

Subject: Monthly Report for January 1957

Following is the report of activities for Yellowstone National Park during the month of January 1957:

General

Weather Conditions. January weather was cold and raw with the temperature rising above freezing on only two days at Mammoth headquarters. Below zero temperatures were recorded there on thirteen days.

The weather summary for Mammoth follows: maximum temperature 35° on January 1, minimum temperature -25° on January 25, [illegible] and 27, total precipitation 1.23 inches, and snow depth at end of month 17 inches.

The following snow courses were read at the end of January:

Location	Snow Depth (Av.)	Water Content (Av.)
Northeast Entrance	27.7	[illegible]
East Entrance	37.[illegible]	[illegible]
Sylvan Pass	41.9	10.1
Norris	36.7	[illegible]
Canyon	45.3	10.[illegible]
Lake (Old Course)	31.2	[illegible]
(New Course)	[illegible]	[illegible]
Snake River	[illegible]	12.2
Coulter Meadow	59.0	15.7
Lewis River Divide	[illegible]	27.[illegible]
Aster Creek	69.0	19.[illegible]
West Thumb	53.0	12.[illegible]

In general these are above average although lower than in January 1956.

The maximum temperature for the park during January was 37° at Lamar Unit on the 1st. The park minimum was 53° below zero at West Yellowstone on the 26th.

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Increase or Decrease in Travel. The total travel for the month was only 50% of that reported for the previous January, or 643 visitors as compared to 1,217 in January 195[illegible]. Most of the travel through the North Entrance consisted of employee travel and travel from Indian reservations in connection with the Northern Yellowstone elk herd reduction program. Eighty-eight entered via oversnow equipment, [illegible] of these by Bombardier snowmobile at West Yellowstone in 15 trips and [illegible] via skis at East Entrance.

Inspections. Thomas J. Geary, Special Agent in Charge, Federal Bureau of Investigation, Butte, Montana, was in the park January 3 to present a talk to the Yellowstone Park Parent-Teachers Association on activities of the FBI.

Tom T. Terrell, Entomologist, Forest Insect Laboratory, U. S. Forest Service, Missoula, Montana, arrived January 7 to get samples of spruce budworm bole sections, departing the [illegible].

Harold A. Shepesky, Personnel Officer, Region Two, arrived January 22 to assist in reorganization and other personnel matters for about a month.

James Spofford and Arthur Larson, U. S. Geological Survey, Boise, Idaho, made a snowplane trip January 24 and 25 to Canyon and Lake for river gauging and lake measurements, entering and leaving via West Yellowstone.

Special Visitors. Rev. Warren W. Ost, Director of A Christian Ministry in the National Parks, arrived January 11 to confer on the Student Ministry Program, departing the 14th.

Special Activities. Superintendent Garrison departed January 15 for San Francisco to attend the planning and programing conference on MISSION 66 projects in the WCMC from January 17 through 20. This was also attended by Assistant Superintendent Hamilton who left January [illegible] following the death of his father at Berkeley, California, and by Park Engineer Howe and Landscape Architect Mattson who left Yellowstone January 16. Mr. Garrison returned to the park January 22, Mr. Hamilton January 25 and Messrs. Howe and Mattson the following day. Mr. Garrison left January 24 for Omaha to attend the Region Two Superintendents Conference January 28 to February 1, expecting to return about February 7. He was accompanied by Forester Barrows who is on a two-weeks assignment in the Regional Office on forestry, spruce budworm infestation and grazing matters. Management Assistant Joffe was acting Superintendent during the absence of Mr. Garrison until Mr. Hamilton's return on the 25th.

Park Naturalist Condon presented the program for the Kiwanis Club in Livingston on January 15.

Chief Ranger Brown made a trip to Bozeman January 21 and 22 to study land records and to meet and return Mr. Garrison from Livingston.

Mixed Gang Foreman Winkle departed January 23 for Kalispell, Montana, to take delivery of a V-snowplow obtained from Flathead County, Montana, for attachment to a grader. He returned the 26th.

Biologist Mittens left January 30 for Great Falls, Montana, to attend a meeting of the American Society of Range Management held January 29 to February 1, expecting to return to the park February 2. He delivered a paper on "Colored Photography for Range Studies".

Assistant Chief Ranger Chapman and Supervisory Park Ranger Appling and Park Ranger Valder from West Yellowstone District attended a Snow Survey Training School in Bozeman January 22 and 23 sponsored by the Soil Conservation Service.

On January 24 and 25 an Over-Snow Equipment Test was conducted by the Soil Conservation Service at West Yellowstone and was attended by Chief Ranger Brown, Mechanical Supervisor Robinson, Assistant Chief Ranger Chapman, District Rangers Gay, Wunzel and Budge, Supervisory Ranger Appling and Park Ranger Valder. Superintendent Garrison, Assistant Superintendent Hamilton, Forester Barrows, District Ranger Jones and Park Naturalist Beal also attended portions of the program, the latter two on their own time. Various types of over-snow equipment were tested and demonstrated.

A Safety Committee meeting was held January 23 in the conference room.

Staff meetings of division heads and various other park officials were held in the conference room on January 10 and 31. Squad meetings involving a smaller group of officials were held January 3 and 7.

On January 18 the receiving and handling of official mail was transferred from the office of Management Assistant Joffe to the newly established mails and files section of the office of Administrative Officer Anderson.

The Board of Survey for Yellowstone National Park and Big Hole Battlefield National Monument was reappointed January 29 for the 1957 year, as follows: Gerald A. Howe, Chairman; Keith C. Barnes, Clerk; Roger H. Miller and Lee L. Coleman, Members; and Joseph Joffe and Howard C. Hocker, Alternate Members.

On the same date the Yellowstone National Park Safety Committee was designated for the 1957 calendar year, and continued to constitute the following membership: Robert A. Robinson, Chairman; Dwight L. Richards, Clerk; Thomas K. Garry and Lawrence Murray, Members; and J. Stanley Fillmore and Elmer F. Armstrong, Alternates.

The Sign Committee for Yellowstone National Park and Big Hole Battlefield National Monument for 1957 and until further notice was also appointed on January 29, as follows: Gerald A. Lowe, Chairman; and Frank E. Mattson, David de L. Condon, Thomas K. Carry and Gene F. McLeod, Members. This constitutes the same membership as previously except for Mr. Carry who replaces Stanley McCormas who transferred from the area and Mr. McLeod who occupies the newly-established position of Sign Maker.

Effective January 1 the name of "Cooke", Montana, four miles outside the northeast entrance of the park, was officially changed to "Cooke City", Montana. Cooke City was originally the name of the town and was changed a number of years ago to Cooke.

The Local Civil Service Board held an examination for Clerk-Stenographer on January 11. Administrative Officer Anderson conducted the examination and there were three contestants.

Yellowstone Park personnel invested $29,374.42 in Series E-H Savings Bonds during 1956, which was $2,874.25 more than in 1955. Most of the Yellowstone sales were made through the Payroll Deduction Plan although a large number of sales were made through the Yellowstone Park Post Office.

George Ingalls, Supervisory Park Landscape Architect, Denver Two Office, retired at the close of January 31.

Max Goodsill, General Passenger Agent for the Northern Pacific Railway at St. Paul, Minnesota, retired at the close of January 31 after 35 years of service to the railroad and travel industry. He has been a fine supporter and booster for the park.

Miscellaneous. The schools at Gardiner and Mammoth resumed sessions January 2 and 7, respectively, following the Christmas holidays.

The January meeting of Local No. 465 of the National Federation of Federal Employees was held in the Canteen January 7 and the following officers were elected for the 1957 year: Otto Brown, President; Alice Mohout, Vice-President; Ellen Bratlien, Secretary; David Beal, Treasurer; Foster Freeman, Guard; and Robert Jones, Harold Edwards, Thomas Somerville, Robert Robinson and Frank Mattson, Board of Directors.

The American Federation of Government Employees held its regular monthly meeting in the Canteen on January 14.

The annual meeting and election of officers of the Yellowstone Federal Credit Union was held January 21 in the Canteen and the following will serve as its officers for the ensuing year: David Beal, President of the Board of Directors (carryover); Stanley Fillmore (2 years), Treasurer; and James Brown (2 years), Robert Robinson (1 year), Maynard Barrows (1 year), other Board Members; Clarence Scojen, Chairman of the Credit Committee (carryover), Ed Schultz (carryover), Foster Freeman (2 years), and Alice Quist, Alternate; Joe Kurtz, Chairman (carryover), and Harold Edwards (2 years) and Walter Kittams (1 year), Members of the

Supervisory Committee. The Union voted a 4.8% dividend and a 5% interest refund from last year's operations.

Deaths. Mr. Charles L. Hamilton, father of Assistant Superintendent Warren F. Hamilton, passed away January 4 at Berkeley, California, after a long illness. Mr. and Mrs. Hamilton left the following day to attend funeral services which were held January 8 at Berkeley, California.

Administration

Personnel. Karl T. Gilbert, Supervisory Park Ranger (District Park Ranger), GS-7, departed January 7 with his family on promotion and change of headquarters to Supervisory Park Ranger (Assistant Chief Ranger), GS-9, Everglades National Park, effective January 13, 1957.

Ellen M. Bratlien received a promotion January 15 from Clerk-Stenographer, GS-4, to the newly established position of Clerk, GS-5, office services supervisor in charge of mails, files and duplicating.

Mrs. Marie A. Pierson received a conversion to career-conditional appointment from seasonal Clerk-Typist, GS-3, to Mail and File Clerk, GS-3, effective January 14.

Advice was received January 10 that Robert M. Sharp, Supervisory Park Ranger, GS-6, had been selected as Biologist, GS-9, Region Four Office. Mr. Sharp has been away from the park since August 27 in attendance at the Eighth Departmental Training Program at Washington, D. C. His promotion and change of headquarters will be effective March 1.

Mrs. Ruth E. Hammack received a temporary appointment (not to exceed February 27, 1957) as seasonal Clerk-Stenographer, GS-3, effective January 28.

The temporary appointment of Shirley Rae Upperson as Clerk-Stenographer, GS-3, was terminated at the close of January 31.

In-service Training. On January 18 thirty-five National Park Service employees viewed three educational and safety movies provided by the Caterpillar Tractor Company, one on safe driving practices and one each on the use of a patrol grader and Caterpillar front-end loader. Safety Committee Chairman Robinson arranged for and presented these pictures in the Canteen building.

On January 22 and 23 a Snow Surveyors School sponsored by the Soil Conservation Service and held at Montana State College, Bozeman, and the adjacent mountains, was attended by Assistant Chief Ranger Chapman, Supervisory Ranger Appling and Ranger Valder. The uses to which the data secured in the snow survey program, as well as the techniques of measuring, were explained, taught and demonstrated by Mr. A. T.

Supervisory Committee. The [illegible] [illegible] a [illegible] [illegible] [illegible], [illegible] [illegible] relieved from last year's committee.

Deaths. Mr. Charles [illegible] Hamilton, father of [illegible] [illegible] Assistant [illegible] [illegible] Hamilton, passed away [illegible] [illegible] of Berkeley, California after a long illness. Mr. and Mrs. Hamilton left the [illegible] [illegible] to attend funeral services which were held January [illegible] at Berkeley, California.

PERSONNEL

Personnel. Paul [illegible] [illegible], Supervisory Park Ranger [illegible] Park Ranger, GS-[illegible], reported January [illegible] with his family on promotion and change of headquarters to Supervisory Park Ranger [illegible] [illegible], GS-[illegible], Everglades National Park, effective January [illegible], [illegible].

Glen [illegible] [illegible] received a promotion January [illegible] from Clerk-Stenographer, GS-[illegible], to the newly established position of Clerk, GS-[illegible], office services supervisor in charge of mail, files and [illegible].

Mrs. [illegible] [illegible] [illegible] received a conversion to career-conditional appointment from temporary Clerk-Typist, GS-[illegible], to Mail and File Clerk, GS-[illegible], effective January [illegible].

Advice was received January [illegible] that [illegible] [illegible], Supervisory Park Ranger, GS-[illegible], had been selected as [illegible], [illegible], [illegible] Office. Mr. [illegible] has been [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] at the [illegible] [illegible] Training [illegible] at [illegible], [illegible] the [illegible] and change of headquarters will be effective [illegible].

Mrs. [illegible] [illegible] [illegible] received a temporary appointment (not to exceed [illegible] [illegible], [illegible]) as temporary Clerk-Stenographer, GS-[illegible], effective January [illegible].

The temporary appointment of [illegible] [illegible] [illegible] as [illegible] Stenographer, GS-[illegible], was terminated at the close of January [illegible].

Accident Prevention. On January [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] furnished by the Caterpillar Tractor Company, one on safe driving practices and one each on the use of a [illegible] [illegible] and [illegible] [illegible]. [illegible] safety [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in the [illegible] building.

On January [illegible] and [illegible] a [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Soil Conservation Service was held at [illegible] [illegible] [illegible], [illegible], and the [illegible] [illegible] was attended by [illegible] [illegible] [illegible], Supervisory [illegible] [illegible] and [illegible] [illegible]. The [illegible] [illegible] which the data [illegible] in the [illegible] [illegible] [illegible], as well as the [illegible] of [illegible], [illegible], [illegible] and [illegible] by [illegible] [illegible]

Codd and his student assistant. The school was considered very worthwhile. Following this school these men proceeded to West Yellowstone where they attended the Over-Snow Equipment Tests the 24th and 25th also sponsored by the Soil Conservation Service. These tests were also attended by Chief Ranger Brown, Equipment Supervisor Robinson, and District Rangers Gunzel, May and Budge, and in part by Superintendent Garrison, Assistant Superintendent Hamilton, Forester Barrows, District Ranger Jones and Park Naturalist Beal.

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

Accidents and Public Safety. A motor vehicle accident occurred on the Gallatin road on the 8th involving a passenger car owned and driven by Frank J. Pahanha and a tractor-trailer owned by Donald E. Richter and driven by W. V. Stevens, all of Bozeman. George Breden, passenger in the car, was thrown through the windshield receiving head lacerations.

Packer John Card sustained two broken ribs, left side, while de-antlering elk at the Crystal Creek elk trap on the 18th. He was given medical care by the doctor at Mammoth, and at Livingston on the 21st.

Cooperative Activities

General Publicity. A press release on the Yellowstone travel story for 1958 was sent to the park's mailing list on January 2.

A special story on one of Yellowstone Park's bull elk appeared in the January 13 issue of the Omaha World-Herald.

The final version of the 1957 Yellowstone broadside was received January 21 from the Washington Office for review.

A total of 49,000 Yellowstone broadsides for 1958 remained on hand at the close of the month.

Religious Services and Chapel Use. The Yellowstone National Park Chapel was used each Sunday for the regular Sunday School services at 10:00 a.m. The regular Gardiner-Mammoth winter ministry church services were held in the Chapel each Sunday at 11:15 a.m. Miss J. Josephine Leaner conducted the services on January 6 and on January 13 the Rev. Warren W. Ost conducted a communion service in conjunction with the regular service which was handled by Student Minister Robert F. Thomson.

The Rev. Warren W. Ost, Director of the Christian Ministry to the National Parks, arrived in Yellowstone on January 11 and remained until the 14th. On the afternoon of the 11th and the morning of the 12th, Mr. Ost discussed with the chairman of the Superintendent's Church Committee matters relating to the Student Ministry in Yellowstone National Park.

On the evening of January 11 a combined meeting of the committees for a student ministry in the summer and for a winter minister in Gardiner and Mammoth was held in the conference room of the Mammoth building. The Rev. Warren G. Ost conducted the meeting and a fine representation of committee members were present. The main purpose of the meeting was to arrive at a decision as to who Rev. Ost should attempt to obtain to serve as a student minister at Old Faithful during the 1957 season and who would remain on as the resident minister at Mammoth during the winter of 1957-58. The young man recommended by Rev. Ost was JACK JENNINGS who has served as student minister at Crater Lake National Park and Death Valley National Monument. The combined committees voted to have Rev. Ost arrange for Mr. JENNINGS to function in that capacity.

Interpretive Services. Park Naturalist Condon completed arrangements to attend the School of Public Administration at the University of Montana where he will present a program on February 12. As part of his trip a program will be presented to the Lions Club on February 11 and to the National Federation of Federal Employees Local No. 65 on February 13.

Mr. Condon presented a program to the Livingston Kiwanis Club on January 15.

On January 9 a set of geology reference books dealing with Yellowstone geology were sent to Dr. Lowell Biddulph for his use in the presentation of a seminar course on Yellowstone geology at the University of Texas.

A set of 940 Kodaslides were returned to us on January 24 by Mr. F. Bugas, Ford Automobile Dealer, Houston, Texas, who had had them on loan. Mr. Bugas made use of these slides in presenting a series of colored television programs. The movie "Wild Animal Heaven" is on loan to Dr. M. R. Wolfer and the movie "Geysers, Mudpots and Pools" was loaned to Dr. Frank Shaw. Both of these movies were used to present programs of an interpretive nature dealing with Yellowstone.

Museum Activities and Exhibits. During the first part of the month the Interpretive Development Outline for Yellowstone was completed and accompanying it was an interpretive development map showing the location of proposed exhibits, interpretive markers and interpretive structures.

Research and Observations. Place Name proposal forms were completed for 34 unnamed features by the month's close.

Park Naturalist Beal made a trip to West Yellowstone on January 25 for the purpose of observing and photographing the oversnow equipment demonstrations.

A large flock of Redpolls were observed by Park Naturalist Tyers on January 22 and on several occasions during the month large flocks of Hepburn's Rosy Finches and also Bohemian Waxwings were observed in the Mammoth area.

Natural History Association. The annual meeting of the Board of Directors for the Yellowstone Library and Museum Association was held in the Chief Park Naturalist's Office on January 14 with the following directors present: Merrill D. Beal, Alice M. Quist, Jack E. Haynes, Joseph Joffe, Otto M. Brown, Thomas B. Hyde, Anna M. Miastock and David de L. Condon. Board Chairman Warren F. Hamilton was absent because he was in San Francisco on assignment. Mr. Lemuel A. Garrison and John M. Tyers were invited as guests. Both were elected to membership on the Board at the meeting. Minutes for this meeting were completed by the month's close and placed in the records. The meeting was a very successful one.

On the afternoon of January 31 Assistant Superintendent Keith Neilson of Yosemite National Park called the executive secretary of the Yellowstone Library and Museum Association and inquired as to whether or not the Association would be in a position to purchase 12 lots in a townsite in Yosemite National Park for the purpose of assisting Yosemite to acquire private in-holdings within the park. Members of the Board of directors were contacted and it was agreed by unanimous vote of the board members to make $1,080 available for this land acquisition. Mr. Neilson was so advised and during February it is anticipated that this transaction will be completed.

Operations

Concessioners. Huntley Child, Jr., Vice-President of the Yellowstone Park Company, left January 4 for California to discuss business with other Company officials. He returned the 28th.

J. E. Haynes, President, Haynes Inc., and Mrs. Haynes were in the park January 14 from their winter headquarters at Bozeman, Montana.

Amendment No. 11 to the Yellowstone Park Company Schedule of Rates was approved December 27, 195[illegible], by Superintendent Garrison, increasing the 2½-days "packet tour" rate from $49.20 to $50.7[illegible]. The increase is reflected in a raise in the rates for meals provided on the tour, viz: lunch from $1.75 to $2.00 and dinner from $2.75 to $3.00. The transportation rate remains the same. Children 3 years and under 5, when not occupying a seat in the bus, pay $13.00 under this new schedule, children 5 and under 8 pay $25.50, children 8 and under 12 pay $38.2[illegible] and children 12 years and over pay adult rates.

The Annual Report and franchise fee in the amount of $[illegible],0[illegible]2.[illegible] for Hamilton Stores, Inc. covering the year ending September 30, 195[illegible], were received on January 7. The Annual Report and franchise fee in

amount of $15,[illegible].[illegible] for the Yellowstone Park Company for the same period were received on the 22nd. The franchise fee of $[illegible] for the Yellowstone Park Medical Service for the 195[illegible] calendar year was received December 20, 195[illegible].

Maintenance. Snowplowing and sanding operations kept the maintenance crews busy during the month. The snowfall was average with most of the time spent in the Mammoth area and on the Cooke City road. The park and General Services Administration purchase a used "Sno-Flow" complete with all mounting attachments for use on a model 97[illegible] Austin-Western Grader. This unit was purchased from Flathead County, Montana, for the sum of $[illegible]. The condition is considered as good and has a new cost of approximately $3,[illegible].

Protection and Ranger Service. Principal activities of the Protection Division during January consisted of elk trapping and relocation, boundary and interior patrols, taking of snow course recordings, investigation of accidents and illegal hunting, buffalo reduction, completion of lost and found operation, preparation and distribution of annual travel report, conferring with Regional Personnel Officer Gregosky in connection with job reclassifications and taking him on field trips to acquaint him with winter operations, preparation for employment of seasonal rangers for the coming season, correspondence and reports, reconciling the Chief Ranger's Office inventory and those for Trails and Signs in anticipation of turning that property over to the Engineering Division, attendance of several at the Snow Surveyors School at Bozeman and Over-Snow Equipment Tests at West Yellowstone, trip to Bozeman by Chief Ranger to study land records, several days spent by him coordinating comments and preparing report regarding the National Park Service audit made during the latter part of 1955 and considerable time by him on reorganization of the Protection Division.

Law Enforcement. One deer on the 6th and two antelope on the 19th were illegally killed in the vicinity of Stevens Creek Ranger Station. Continued investigation and patrols will probably lead to information identifying the violators.

U. S. Commissioner James W. Brown left January 2[illegible] for Denver, Colorado, and Florida, expecting to be away from the park on annual leave until February 23.

Wildlife and Fish Cultural Activities. BIGHORN SHEEP. Jones Dr. Richard Taber of Montana State University and Biologist Kittams hiked to Coal Mine Flat near the north entrance of the park on January 3 they saw only seven bighorns, classified as four ewes, one yearling female, one lamb and one 2½-year-old ram. At least two other sheep, large rams, have been seen in the area since then. Even so, this is much less than the 20 to 25 seen in the area in previous years. Forty-six antelope were seen on Coal Mine Flat on January 3. Recent signs

indicated they had been feeding on sagebrush, one of the important foods of sheep in that area.

Twenty-nine bighorn sheep were counted by protection personnel during a boundary patrol to Crevice Ranger Station on the 21st. Nine were observed on Druid Peak during the early part of the month. Up to five have been seen near the first bridge south of the North Entrance.

BISON. Twenty-one bison were taken from the Lamar herd during the month and the carcasses taken by Indian tribes. This brings the total bison killed to 271 for the season.

Ten bulls were observed almost daily in the Soda Butte area and a mixed group of about 25 animals has been observed near Cache Creek. The large bull at Stevens Creek remains around the ranger station and horse corral. Rangers reported counting 166 bison in the Lamar-Yellowstone area in early January. Observations by the Biologist of one large group below Hellroaring Creek on December 31 suggest there were at least 145 in the Lamar herd at the start of 1957.

COYOTES. Coyotes appear to be numerous in the Mammoth area and several are quite tame. Groups of six to eight animals have been observed near the dump.

The recent history of use of 1080 poison near the park by the Fish and Wildlife Service was reviewed by the Biologist. A letter of protest against the new station within one mile of the park with a plea for cooperation was sent to the Fish and Wildlife Service District Agent by the Superintendent.

DEER. Deer hunting in Park County, Montana, closed on January 5. Does appeared to be common in accessible areas but few bucks were to be seen near the park at the end of the season.

Deer at the Mammoth trap are a continual hindrance to the elk trapping operation.

ELK. Weather conditions were more favorable for elk reduction during January than they were during December but the relatively light snow cover precluded ideal reduction conditions, due partly to the ridges that were bare of snow for most of the month. By the end of the month conditions were much improved both for live trapping and direct reduction.

Success was attained in furnishing 125 live elk for range stocking at Veradjo Park, New Mexico, and 17 elk calves for the State of Montana to use in their feeding experiment. Deeper snow at the end of the month may help in live trapping during February. There are outlets for all the live elk that can be captured.

A total of 322 elk carcasses produced by the direct reduction program were furnished Indians, Public Schools and Armed Services during the month. The 68 reported last month and 8 animals lost during the operation make a total of 398 elk killed so far this season. Requests are on hand for approximately 260 more elk carcasses and no difficulty is anticipated in supplying that number.

The Gardiner, Montana, hunting area was reopened for elk hunting on January 26. The hunter kill by the end of January was approximately 150 elk. There is a marked decrease in the movement of elk from the park to the open hunting area as compared to last winter's large migration. This reduced migration can be mostly attributed to the light snow and bare ridges which allow elk to feed within the park and to a smaller number of animals in the Northern Yellowstone Elk Herd.

Biologist Kittams reported indications of slight downward movement of elk have been noted during the month. He stated that rangers reported seeing only 12 elk on Beckard Flat about January 4, this increased to about 150 by January 17 and only about 90 were seen on January 21, suggesting some had crossed Bear Creek. When Montana game wardens flew over the Gardiner-Jardine area on January 21, they counted about 134 elk in the area to be opened to hunting. Wardens estimated only 40 elk were killed on January 26 when the area was reopened to hunting. Mr. Kittams considers this low for he observed and obtained reliable reports of perhaps twice that number being killed. Since January 26 a few bands of elk have left the park and entered the hunting area.

Of two female yearlings examined along Trail Creek on January 26, one was pregnant, a rather noteworthy record. The opportunities to collect biological data from elk killed in the park were discussed on January 2 with Dr. Taber of Montana State University who has since decided to forego any such work this season.

A spike elk caught in the Gardiner trap had been tagged in the Gallatin area in May 1955. A cow killed by Geode Creek on January 22 had been "lifted" from the Gardiner trap to the Gardiner hunting area just five years before. Another female from the 1952 "lift" was recently trapped at Gardiner. A male, tagged when a calf by Slide Lake in May 1952 was recovered in the Gallatin in November.

On January 2, rangers counted 332 elk in the Gallatin area within the park and another 114 across the river just west of the park. Such numbers on high range at this time of year could quickly remove all available forage from the critical range.

WATERFOWL. An annual waterfowl census in cooperation with the Fish and Wildlife Service was made January 4-7. The Madison, Firehole, Gibbon, Lamar, Yellowstone and Snake Rivers were covered by foot, ski and automobile to obtain the count.

A total of 700 [illegible] produced by the [illegible] [illegible] [illegible] Finished Tailoring Public Relations and [illegible] [illegible] during the month. The [illegible] reported [illegible] and [illegible] [illegible] the operation made a total of 700 [illegible] in the [illegible] [illegible] [illegible]

Range. Biologist Fittams reports temperatures were low during January, there being 14 days with minimums of zero or below at Mammoth and on only two days did the maximum rise above freezing. Snowfall was below normal, 1.23 inches as compared to the normal of 1.55 inches at Mammoth, but the snow cover over the range was rather deep and even, except for a few ridges which were bare, because there had been no melting and very little blowing during the month. The snow is so granular as to impede pawing by foraging animals in locations where forage is most abundant, but elk have been able to secure sufficient forage so they have had little inclination to feed on hay at traps or make a mass move to lower elevation.

Apparently there was very poor growth of winterfat (Eurotia lanata) on Coal Mine Flat in 1956. The windswept ridge bordering the north edge has lost considerable vegetation since observations were made there two years ago. Utilization estimates over the flat were grass, light; sagebrush, moderate; and winterfat, heavy.

A plan was prepared for completion of the study of factors affecting quaking aspen reproduction. The status of analysis of these data on aspen was reviewed and assistance toward determining effects of twig removal was obtained from Lincoln Allison at the meeting of the American Society of Range Management. The Biologist left Mammoth on January 30 to attend the meeting at Great Falls, Montana. He had prepared a paper and colored slides for his talk on color photography in range studies to be presented to the group.

Forest Fire Protection. Smokejumper Squadleader Williams was employed in tool maintenance, fire cache renovation and cleanup and in making liners for sleeping bags as well as other maintenance work in the Fire Cache.

Dispatcher Stevens was employed a greater part of the time on the elk reduction program but when not on that work spent his time preparing material for the spring training schools. Fire logs, reports and other material necessary for the forest fire review, which will be held in February, were assembled and made ready for use.

Land Classification. In compliance with a Regional request, type classifications of all public domain lands within the park were compiled. The various types were based upon classifications as contained in our forest type maps.

Forest Insects. On January 7-9, Tom T. Terrell, Entomologist, Forest Insect Laboratory, U. S. Forest Service, Missoula, Montana, was in the park obtaining bole samples which were returned to the Laboratory at Missoula for incubating to determine the possible population of spruce budworm next summer.

Design and Construction

Plans, Maps and Surveys. Superintendent Garrison, Assistant Superintendent Hamilton, Park Engineer Howe and Park Landscape Architect Mattson attended a planning and programming conference in the WODC Office from January 18 through 24. The purpose of this meeting was to clarify and discuss various features of construction projects, both those in the planning stage and those now under construction.

A quarters survey team composed of Sanitary Engineer Ayres, Electrical Supervisor Murray and Foreman Mardis and Olson (carpentry and painting, respectively,) have just completed a survey of all government quarters (interior) in the Mammoth area. This survey will be worked into a maintenance program of work to be accomplished.

Engineers Haines and Wilson have been engaged in working up plans and estimates for construction projects to be accomplished by the park this coming summer.

New Construction. Studer Construction Company of Billings, Montana, was advised January 4 of acceptance of Alternate Bid "A", $216,004, for surfacing cabin area, service road, National Park Service roads, and grading of service road and miscellaneous National Park Service roads, Canyon area, and Alternate "B", $15,600, for furnishing surveying crew for laying out and staking roads at Canyon and incidentals pertaining to this contract, the alternates totaling $231,604.

All construction projects remained closed down for the season.

Utilities. Negotiations were continued with the Mountain States Telephone and Telegraph Company in coming to agreement on conditions to be covered in three contracts, one for operation of a telephone system in Yellowstone National Park, one for the private line telephone service and one for sale of facilities now owned by the Yellowstone Park Company and the National Park Service. The terms and conditions of these contracts were discussed by Mr. Garrison with Mr. McFadden of the WODC and Field Solicitor McClellan of the Region Four Office.

Warren F. Hamilton
Acting Superintendent

Monthly Progress Report attached

In triplicate
Copy to Region Two w/c attachment

Files (2) ✓
Joffe Office Files

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NATIONAL PARK SERVICE

MONTHLY PROGRESS REPORT

Area [illegible]

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) [illegible]

F Y PROGRAM 1	ACCOUNT NUMBER LOCATION WITHIN AREA AND PROJECT TITLE 2	PCP NO 3	DRAWING NO 4	CONSTRUCTION AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING 7	ESTIMATED DATE COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY (D & C) (R), OR (A) 9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
1956	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		40	
[illegible]	[illegible]			7/25/55					
[illegible]	[illegible]			[illegible]					
[illegible]	[illegible]			8,585.17					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 6		[illegible]		[illegible]	
[illegible]	[illegible]			[illegible] 6		[illegible]		[illegible]	
[illegible]	[illegible]			[illegible]		8 [illegible]		[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	

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UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

MONTHLY PROGRESS REPORT

REPORT 7M15

Area: Yellowstone National Park

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REPORT FOR (Month and year): January, 1957

F. Y. PROGRAM 1	ACCOUNT NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY (D & C), (R), OR (A) 9
1957	332.26 Water and Sewer Systems, Employees' Trailer Court and Government Area, Canyon	U-176-1 U-176-2	2117	16,[illegible] [illegible]/1956	C	[illegible]/1957	15	
1957	332.27 Purchase and Installation of Diesel Generator, Canyon	U-185	2537-2	40,[illegible] 11/1/56	C	[illegible]/1957	0	
1957	333.3 Campground Facilities Tables, Fireplaces, etc., Fishing Bridge	[illegible]-62-2	2573 3336	34,[illegible] 17,[illegible] 52,[illegible] 9/17/56	C	9/1/57	75	Increase by JV 43-77 1/30/57
1956	333.4 Campground Facilities, Tables, Fireplaces, etc., Canyon	[illegible]-5-3	2535	22,[illegible] 9/27/[illegible]	C	9/1957	[illegible]	
1957	333.5 Grading and Planting, Campground, Fishing Bridge	[illegible]-37	2[illegible]	[illegible] [illegible]/1[illegible]	C	11/1/57	50	
1957	333.6 Potable Water Supply, Lake Fishing Bridge	[illegible]-52-1	[illegible]	18,[illegible] [illegible]/1/56	C	9/1/57	0	
1957	333.[illegible] Campground, Canyon	[illegible]	2[illegible]	[illegible] 9/1/56		9/1/57	0	
1957	333.9 Campfire Circles, Lakeside and West Thumb	[illegible]-2-3 [illegible]-7-2		17,[illegible] [illegible]/1/56	C	[illegible]/1957	20	

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NATIONAL PARK SERVICE

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

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REPORT FOR (*Month and year*) [illegible] 1957

F. Y. PRO-GRAM 1	ACCOUNT NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO. 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY (D & C), (R), OR (A) 9
1956	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	
1956	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
1957	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
1957	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
1957	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
1957	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
1957	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible] Construction Co., [illegible]

NATIONAL PARK SERVICE

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

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REPORT FOR (Month and year) January, 1957

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1956	521.2 Guard Rail Construction			[illegible]	[illegible]	[illegible]/1957	97	
1957	521.3 Bituminous Surfacing and Parking Areas, Loop 1-71, 72, [illegible], and Norris-Canyon Cutoff, Sec. 15A	[illegible]		[illegible] 11/27/[illegible]	[illegible]	11/1947	[illegible]	
1957	521.4 Interpretive Structures and Striping Center Line and Parking Areas, Grand Loop 1-71, 72, [illegible], and Norris-Canyon Cutoff, 15A	[illegible]		[illegible] 9/12/[illegible]	[illegible]	[illegible]/1957	[illegible]	[illegible]

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NATIONAL PARK SERVICE

MONTHLY PROGRESS REPORT

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(x) Concessioner Projects

REPORT FOR (Month and year): January, 1957

F Y PROGRAM 1	ACCOUNT NUMBER LOCATION WITHIN AREA AND PROJECT TITLE 2	PCP NO 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY (D & C) (R), OR (A) 9
	YELLOWSTONE PARK COMPANY							
	Canyon Cabin Office Building					4/30/57	72[illegible]	Contract
	Canyon Village Cabins, 500 cabin rooms					4/30/57	[illegible]	Contract
	Canyon Lodge		[illegible]-4435			4/30/57	[illegible]	Contract
	Canyon Dormitories		-[illegible]47			4/30/57	[illegible]	Contract
	HAMILTON STORES, INC.							
	Dormitories, Canyon		-[illegible]			4/30/57	[illegible]	Contract
	Store, Canyon		-[illegible]			4/30/57	[illegible]	Contract

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