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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

*file*

FILE NO. 123

SUPERINTENDENT'S MONTHLY REPORT

FEBRUARY 1957

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

1957  
Report 144

OFFICE OF THE SUPERINTENDENT

Summary of the February, 1957 Month, Narrative Report  
YELLOWSTONE NATIONAL PARK

		<u>Page</u>
<u>WEATHER:</u>	Warm & dry. Warmth maximum 47°, minimum -10°; precipitation maximum 4.5", minimum -1.8". Snow depths.	1
<u>TRAVEL:</u>	694 visitors, 116 oversnow.	1
<u>INSPECTIONS:</u>	Reg. Personnel Officer Snopcey in to 27th. Reg. Review Team (Harvey, Bagley & Gander) in to 28th. Grand, USFS Service in re predator control. Glacier Admin. Officer Bussey in to see projects.	2
<u>VISITORS:</u>	Joe Van Wormer & Van Allen in for pictures for Sports Illustrated.	
<u>SPECIAL ACTIVITIES:</u>	Garrison from Omaha to Denver, ret Telephone Co. men, BIA, Krueger & Mattson, ret Judge Warr at Cheyenne, returned 7th. Garrison, Hamilton, Brown, London to Yell. for Snowmobile trip, postponed the next day. Not arriving then. Game men, and wives, to Livingston Rotary. Garrison & Joffe to Bozeman on relocation. Gardiner dump to Rotary. Hamilton to Denver with Telephone Co. re contracts. London to Missoula talk to School of Public Admin. & other groups. Wittans back from Ar. Soc. Range Mgmt. Meeting, to Bozeman & on aerial buffalo count. Day patrol of Thorofare by plane. Livingston Mt. of Gen. men in re keeping open North-South highway. Reg. Dir. meeting in Wash. Staff & squad meetings. Reg. Marsh. Fire Dept. Memo re television antennas. Urquhart, USFS, Bozeman, retired.	2-4
<u>MISCELLANEOUS:</u>	MPFL meeting. APGL meeting & election.	4
<u>DEATHS:</u>	Louis Stipac of Gardiner, park friend & supporter, died.	4
<u>BIRTHS:</u>	Son born to Mr. & Mrs. Thomas Miller, daughter to Mr. & Mrs. Dale Schaneman.	4
<u>MARRIAGES:</u>	Margaret Sharkey & Mr. William married.	4
<u>PERSONNEL:</u>	Henry Pratt, Personnel Clerk; Thos. Gray to Heavy Duty Tech.; Lester Gillett to pers. Adm. Tech.; Capt. Kiefer from Training Program as Sup. Supervisor to biologist,	



UNITED STATES  
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YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

Approved by the Superintendent, Yellowstone National Park  
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Very truly yours,  
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Reg. 4. J. S. Millmore selected Supply Officer, return. Aserlind furloughed from Payroll Clerk; temp. promoted as Fire Control Aid. Temp. appts. Clerk - Janes of Mrs. Milligan & Mrs. Kurtz; of Berens as stenographer Clerk; temp. Mrs. Hammack as Clerk Janes. Personnel Officer & Personnel Asst. to (2-11 1950).

IN-SERVICE TRAINING:

Training Comm. met; program discussed; protection program approved; general employee meeting recommended. Men to attend Training Course in Canada. 2nd trainee in. Forest fire review. Weekly news.

BUILDING FIRE PROTECTION:

Revised Mammoth Building Fire Organization circular. Recapitulation of building fire hazards.

SANITATION:

Air sampling station in cooperation with USFS.

ACCIDENTS:

No auto accidents but cars off Gallatin road assisted.

PUBLICITY:

Press releases re Establishment Day and road opening. Picture in USS Yellowstone paper "Old Faithful" of photo sent by Yellowstone, with thanks. 1957 broadside draft reviewed and returned. 27,400 1950 broadsides on hand.

RELIGIOUS SERVICES:

Sunday School & Church Services.

INTERPRETIVE SERVICES:

Various talks by Condon listed. Yellowstone movies being used on loan.

RESEARCH AND OBSERVATION:

New place names submitted, incl. for Eldred Mountain. Growing wildlife furnished info on wolves. Meeting with FWS man re coyote control near park. Progress report received on Armitage study on serpent. Change in Minerva Springs.

NATURAL HISTORY ASSOCIATION:

YEMA check to Yosemite, loan for purchase property. New edition Plants book; copies sent out; book review in Livingston Enterprise. Bird Kodaslides bought. Earlier Old Faithful book revised for reprint.

CONCESSIONERS:

Concession officials to Western Conf. of N. A. Concessioners in Wash. DC. YPOC. rate agreements. Rates for new Canyon motel units.

MAINTENANCE:

Plowing snow & cleaning ice & snow pack from roads. Quarters rehabilitation.

RANGER SERVICE:

Principal activities listed, incl. reorganization.

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ANTELOPE: Montana Fish Game hazed 127 Antelope traps; none to Nevada and Moiese, Montana; tagged & classified. 11-11

BELTS: Kittans classified bear incidents, 100 in origin 104 damages. 10 black bears killed for control. 11

BIGHORN SHEEP: Sheep observed various locations. 11

BISON: Aerial census by Kittans; 513 counted. Two observations. Old bull still at Stevens Creek. 11

COYOTES: Fish Service man in re coyote control near past poison station near Teepee Creek near east boundary. 11

ELK: Direct reduction through 23rd, 750 for season. 11 live elk in month for New Mexico Montana stocking. Trapping will continue. Gardner hunting area reclosed 10th, 345 taken both seasons. Crippled elk killed. 300 observed Callahan area, in not too good shape, better than some near by being fed. 11 killed by rangers were examined by Kittans. Proposal continue direct reduction to Stevens Creek to help migration not carried out due previous decision close hunting. 11-11

FISH: Kittans discussed fish matters with Montana men. 11

RANGE: Observations of range conditions by Kittans. He delivered paper at Am. Soc. Range Mgmt., Great Falls. Study completed of changes on 13 study plots for annual range report. 11-11

FOREST FIRE PROTECTION: Forest fire review with Re. Two men here. Letters to schools re fire control aid jobs. Kittans prepared cloth-backed topo maps. airplane contract submitted for rebidding. Spring training plans. 11

BILLYE RUST: Availability forms to crew. Edwards to meet in Missoula with USFS men week of March 4. Harrows talk to Reg. Two staff. Gen. of USFS advised parties about purchases of pumps, etc. Gen. being contacted re rental vehicles for B.C. 11-11

FOREST INSECTS: Requests for spruce budworm control work study DDT effects. Studies of Insect Fall on prevalence. 11

CONSTRUCTION: Contracts for campfire circle & woodheater material. 11

UTILITIES: Garrison & Hamilton met in Denver with Min. States men re contracts turning over telephone service to them. Meeting here & one contract signed. Work getting radio frequencies for system in part. 11

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

4-20

Report 1-1

OFFICE OF THE SUPERINTENDENT

March 11, 1957

Memorandum

To: The Director  
From: Acting Superintendent, Yellowstone National Park  
Subject: Monthly Report for February 1957

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

General

Weather Conditions. Weather during February was quite unusual with sub-normal precipitation and above normal temperatures. The high temperatures during the last two weeks settled and compacted the snow cover considerably and exposed ridge tops across the northern elk range.

The weather summary at Mammoth Headquarters is as follows: maximum temperature  $47^{\circ}$  on February 17, minimum temperature  $-4^{\circ}$  on February 21, total precipitation .94 inch, and maximum precipitation on one day .25 inch on February 20.

The maximum temperature for the park during February was  $47^{\circ}$  at Tower Fall on the 12th and 14th and 14th on the 12th. The park minimum was  $-14^{\circ}$  at West Entrance on the 7th.

Snow course measurements at the various courses were as follows: Northeast Entrance 31.0", East Entrance 41.3", Sylvan Pass 46.5", Norris 38.7", Canyon 50.2", Lake (Old Course) 37.1", Lake (New Course) 33.8", Snake River 47.0", Coulter Meadow 100.0", Lewis River Divide 119.0", Aster Creek 97.0", West Thumb 74.0", and Lupine Creek 37.9".

Increase or Decrease in Travel. A total of 894 people visited the park this month. Seven hundred eight of the visitors traveled by automobile and 126 entered by oversnow vehicles through West and South Entrances. Twenty-five oversnow vehicles carried 178 people in the park via the West Entrance and four oversnow vehicles carried eight people in via the South Entrance. This travel exceeds that for February 1956 when 744 people entered the park.

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

OFFICE OF THE SUPERINTENDENT

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Inspections. Harold L. Snegosky, Personnel Officer, Region Two, who arrived January 22 to assist in reorganization and other personnel matters, departed February 27 on return to Omaha.

The Region Two Management Review Team, consisting of Assistant Regional Director Melbourne H. Harvey, Regional Chief of Operations George F. Bagley, and Regional Administrative Officer I. J. Castro, arrived February 10 and departed February 14.

Eugene F. Grand, District Agent, U. S. Fish and Wildlife Service, Billings, Montana, visited the area February 16 for a conference on 1000 coyote poison stations near the park and other predator and rodent control matters.

Fred G. Bussey, Administrative Officer, Glacier National Park, arrived February 21 to discuss personnel matters with Regional Personnel Officer Snegosky, leaving the same day.

Special Visitors. Joe Van Horner and Willie Van Allen, of Bend, Oregon, were in the park February 7 to take pictures in the Lamar area, Mr. Van Horner returning the 25th for a trip to Old Faithful by Snowmobile to get winter pictures for Sports Illustrated.

Special Activities. Superintendent Garrison arrived in Denver February 3 following attendance at the Region Two Superintendents Conference in Omaha. On February 4 he met with Mountain States Telephone and Telegraph Company officials on telephone contracts and with Bureau of Public Roads officials, WPA Landscape Architect Krueger and Park Landscape Architect Watson who was away from the park February 2-6. On February 5 Mr. Garrison met with District Judge Ewing Kerr at Cheyenne, Wyoming, on park matters and he returned to park February 7.

Mr. Garrison, Assistant Superintendent Hamilton, Chief Ranger Brown and Park Naturalist Condon went to West Yellowstone for a Snowmobile trip on February 9. However, the trip was postponed due to the failure of arrival of the Region Two Management Review Team which was to accompany them. They went in about seven miles toward Madison Junction. On February 27 the above-mentioned men and Management Assistant Joffe, with their wives except Mrs. Hamilton, attended the Livingston Rotary Ladies' Night program. Mr. Condon furnished the program with pictures and a talk on Yellowstone National Park Establishment Day, March 1. Messrs. Garrison and Joffe made a trip to Bozeman February 18 to confer with Forest Service officials on relocation of the Gardiner dump. They also attended the Rotary Club meeting. Mr. Hamilton left February 27 for Denver to meet with Mountain States Telephone and Telegraph Company officials on telephone





contracts to be signed March 6. He expects to return March 2. Mr. Condon made a trip to Missoula, Montana, February 10-13 where he presented a talk at the School of Public Administration being held at Montana State University. At Missoula he also talked to the Lions Club, the National Federation of Federal Employees, and to the public and student body at the University, and made arrangements for University participation in the Campfire Day program here September 27.

Biologist Kittans returned February 2 from Great Falls, Montana, where he attended a meeting of the American Society of Game Management January 29 to February 1, delivering a paper on "Colored Photography for Range Studies." On February 4 he made a trip to Bozeman on park matters and on the 7th he flew over the park on a buffalo count.

District Ranger Way made a patrol by plane of the Theodore area in the southeastern corner of the park on February 12. On this trip, mail was dropped to the Yellowstone Park Company winter coopers at Canyon and Lake.

On February 12, Fred Martin, Charles Martin and Clifton Olson of the Livingston Chamber of Commerce were in the office to discuss the possibility of keeping open the roads from the North to the South Entrances so as to provide year-around travel for Highway 25.

A meeting of all Regional Directors and Chiefs of the Eastern and Western Offices of the Division of Design and Construction was held with Washington Office officials in Washington, D. C. February 25 through March 1.

A staff meeting of division heads and various other park officials was held February 20 in the conference room. On February 15, a squad meeting, involving a smaller group of officials, was held in the Superintendent's Office.

A circular was issued February 14 revising the personnel organization for the Mammoth Village Fire Department for the 1957 season. William S. Chapman was designated Fire Chief, Robert F. Robinson First Assistant Fire Chief, Maynard D. Barrows Second Assistant, DeLyle R. Stevens Third Assistant, and Harold G. Scharen Fourth Assistant, and crews were listed for traffic control and law enforcement, rescue and first aid, fire engines, ladder, salvage, water supply and electrical.

On February 20, a memorandum was issued to all park employees and concessioners regarding the law service policy and local instructions on the installation of television antennas.





James C. Urquhart, Forest Supervisor, Wallatin National Forest, Bozeman, Montana, retired February 2 following 37 years of Government service. He has been in Bozeman for twelve years and during this period has been closely associated with Yellowstone operations. He is to be succeeded by George W. Drwenduck, Supervisor of St. Joe National Forest, St. Maries, Idaho.

Miscellaneous. The regular monthly meeting of the National Federation of Federal Employees was held in the Canteen on February 1.

The American Federation of Government Employees held its February meeting and election of officers in the Canteen on the 11th and the following officers were elected for the ensuing year: Charles R. Manning, President; Lloyd W. Winkle, Vice President; William C. Armstrong, Secretary-Treasurer; and Donald L. Cummings, Sergeant-at-Arms.

Deaths. Louis Stipac of Gardiner, Montana, died February 15 in Gardiner. He was operator of the Ranger Tavern and was a fine supporter and friend of the park and its people. Funeral services and burial were in Livingston on February 22.

Births. A son, Bernard Thomas, was born February 10 to Mr. and Mrs. Thomas J. Hallin at the Memorial Hospital in Livingston. Mr. Hallin is Construction Department Manager of the Yellowstone Park Company.

On February 28, a daughter, Roxane, was born at the Livingston Memorial Hospital to Mr. and Mrs. Dale Schanahan. Mrs. Schanahan is the daughter of Mrs. J. Earl Carr and has been visiting at the Dr. Carr residence here since December.

Marriages. Mrs. Margaret L. Sharkey, daughter of Mr. and Mrs. Ralph Reed, and William F. Billman, of Tra, Montana, were married February 7 at St. John's Lutheran Church in Livingston. Mrs. Billman is employed here as a seasonal Clerk-Typist and Mr. Billman has also been an employee of the National Park Service for the past several seasons.

#### Administration

Personnel. Henry J. Pratt entered on duty at 1 p.m. February 14 by Reinstatement (Career-Conditional) to the newly established position of Personnel Clerk, GS-5. He was previously employed by the Indian Service at Portland, Oregon.

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Thomas Gray was promoted February 24 from Mechanic, Automotive (Garage Mechanic), \$2.00 per hour, to Seasonal (Seasonal Duty), \$2.20 per hour.

On the same date Lester H. Gillett was reappointed from Mechanic, Automotive (Garage Mechanic), seasonal to a permanent position of the same title and salary.

Robert H. Sharp, Supervisory Park Ranger, GS-11, who has been away from the park since August 27 in attendance at the National Departmental Training Program at Washington, D. C., discontinued his training February 15 and was in travel status the remainder of the month in connection with his promotion and change of headquarters to Biologist, GS-7, Region Four Office, for work on Pacific Condor Study. He arrived in the park February 21 en route to San Francisco. This transfer will be effective March 1.

J. Stanley Millmore, Storekeeping Clerk, GS-6, received notice February 25 of selection for promotion and change of headquarters to the position of Supply Officer, GS-7, Grand Teton National Park, to be effective about March 17.

Lelloy Aserlind was furloughed February 11 (last temporary appointment as Time, Leave and Payroll Clerk, GS-4, effective 11 a.m. February 18, which date includes all annual leave earned).

George J. Tracy, Fire Control Aid (General), GS-5, returned to duty from furlough February 25 as fire cache supervisor.

Mrs. Charlene T. Milligan received a temporary appointment (not to exceed March 12, 1957) as seasonal Clerk-Stenographer, GS-3, effective February 13, to assist in personnel work with Regional Personnel Officer Snegosky.

Mrs. Victoria N. Kurtz entered on duty February 14 on temporary appointment (not to exceed March 19, 1957) as Clerk-Stenographer, GS-3, N.A.S. to assist with Blister and General office work.

On February 13, James J. Heron was given a temporary appointment (not to exceed March 12, 1957) as Storekeeper Clerk, GS-3 in the garage.

Mrs. Ruth E. Harnack was terminated from temporary appointment as Clerk-Stenographer, GS-3 at the close of February 27.

On February 14 the Director approved the reallocation of Position No. 139, Personnel Officer, from Grade GS-7 to GS-11 and Position No. 123, Personnel Assistant, from GS-7 to GS-9.

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In-Service Training. The In-Service Training Committee appointed by the Superintendent and consisting of Chief Ranger O. L. Brown, Park Engineer Gerald A. Lowe, Administrative Officer Ernest Anderson, Equipment Supervisor Robert W. Robinson and Chief Park Naturalist David de L. Condon met in the latter's office on February 7. Mr. Brown submitted a program of proposed training activities for the Protection Division and these were reviewed and approved by the committee. It was recommended that there be a general meeting of all employees for the purpose of outlining the values received from in-service training and the importance to the individual employee of this type training experience.

W. Tom Milligan, Thomas B. Wade, Thomas A. Garry, Elmer E. Gabbert and Merrill B. Deal were selected by the Region Two Office to attend the 17th General Administration Training Course, which is to be held in the Region Two Office April 1 through 12. These courses are given by the Service in two of the regional offices each year. They are in-service training meetings in which those attending intensively study the broad outlines of Service policies, history, objectives, functions, administration, organization, applicable legislation, etc. so they will have a better understanding of the Service, its problems and its work. Walter H. Kittams and Raymond B. Barrows have also been requested to attend the conference as participants and Ernest Anderson will attend the Region Two Administrative Officers Conference to be held there at that time.

A Protection Division ski training program was started February 25 and will continue through March 8. Chief Ranger Brown and District Ranger Murphy are the instructors and trainees include Albert L. Robinson, Delmar G. Peterson, Donald W. Guiton, Nathaniel W. Lacy, Lloyd A. Hoener, Robert W. Perkins, William V. Appling, and James B. Valder. Employees from other divisions were invited to participate.

A review of 1956 forest fires was held on the 12th. The Region Two Management Survey Team was present, as were all available protection personnel. This board of fire review conference provided valuable in-service training for those who participated in forest fire suppression last year as a review of their forest fire suppression activities.

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



Section 101 - General Provisions

101.1 The purpose of this Act is to provide a framework for the regulation of the financial services industry. This Act shall be interpreted in a manner that is consistent with the public interest and the protection of consumers.

101.2 The definitions in this section apply to this Act unless the context otherwise requires. "Consumer" means a natural person who is acting for purposes that are primarily personal, family, or household in nature. "Financial institution" means a person who is engaged in the business of providing financial services to consumers.

101.3 The provisions of this Act shall apply to all financial institutions operating in the State of New York. Any financial institution that is exempt from the provisions of this Act shall file a statement of exemption with the Department of Financial Services.

101.4 The Department of Financial Services may, in its discretion, grant a license to any person who meets the requirements of this Act. The Department may also suspend or revoke a license if the licensee fails to comply with the provisions of this Act.

101.5 The Department of Financial Services may, in its discretion, impose conditions on any license granted under this Act. These conditions may include requirements for capital, net worth, and other financial measures.

Building Fire Protection. Revised lists of the Building Fire Suppression Crews as well as list of Fire Chief and Assistants for Mammoth Village for 1957 were put out in circular form.

A recapitulation of fire hazards found in the Government buildings in the Mammoth area during the annual inspection was made.

Sanitation. An air sampling station has been set up near Mammoth in cooperation with the Public Health Service National Air Sampling Network and the first sample was collected on February 18 and 19. A 24-hour sample is run once every two weeks and samples are submitted to the U. S. Public Health Service at Cincinnati, Ohio.

Accidents and Public Safety. No automobile accidents were reported this month, but numerous vehicles were off the road along the Gallatin road and assistance was given by rangers on patrol from West Yellowstone.

### Cooperative Activities

General Publicity. A press release was issued February 23 to the Associated Press, United Press and local newspapers on Establishment Day of Yellowstone National Park, March 1, in commemoration of the bill of March 1, 1872, creating Yellowstone as the first national park of the world "for the benefit and enjoyment of the people." The release included events leading up to the establishment of the park, its early travel, and the present MISSION OF program.

On the 28th, a release was issued to the major portion of the park's mailing list on the opening of Yellowstone roads for the 1957 season and the impracticability of simultaneous opening dates of all entrances in response to a request of Wyoming's Governor Simpson to Director Wirth.

The publication Old Faithful, issued by and for the crew of the U. S. S. YELLOWSTONE, in its February 15 issue, contains a picture of the photograph of Old Faithful Geyser which was sent as a gift from Yellowstone to its namesake. The caption under the picture carries a hearty "Thank You" to the park officials from the Commanding Officer, the officers and the men of the U. S. S. YELLOWSTONE. The picture will be framed and will hang in the crew's lounge. For some time they have been sending us a copy of each issue of their publication.

The final version of the 1957 Yellowstone broadside which was received January 21 from the Washington Office for review was checked by Yellowstone personnel and submitted with corrections through the Region Two Office on February 14.

A total of 47,860 Yellowstone broadsides for 1957 remained on hand at the close of the month.



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Religious Services and Chapel Use. The regular Sunday school services were held in the Yellowstone National Park Chapel each Sunday morning at 10 a.m. The regular winter ministry church services were held each Sunday morning at 11 with Student Minister Robert Thompson handling the services.

Interpretive Services. Park Naturalist Gordon gave the following talks during the month of February: to the Parnassus PTA on February 7 with 25 persons present, to the Farmers Union at Emigrant on February 8 with 52 present, to the Lions Club at Missoula on February 11 with 125 in attendance, to the School of Public Administration at Missoula on the 12th with 31 present, to the public and student body at Montana State University at Missoula on the 12th with an audience of 160, to the National Federation of Federal Employees at Missoula on February 13 with 61 people present, to the Gardiner PTA on February 18 with 21 in attendance, and to the Livingston Rotary Club on the 27th with 51 persons present.

Dr. Lowell G. Biddulph at the University of Texas has been using, during the month, "Geysers, Mudpots and Boils" and the "Geysers" movies. Dr. R. A. Wolfer used the "Wild Animal Heaven" movie and showed three movies to 500 people.

Research and Observation. A special memorandum and information concerning 34 proposed new place names was submitted on February 11. Along with this proposal were special maps which were to be made. In connection with the place name changes associated with the development of the new topographic map, the Crown Butte quadrangle was reviewed for name changes and the park's suggestions on improvements and changes to this quadrangle were sent to the Region Engineer of the U. S. Geological Survey in Denver. We suggested that the name "Turret Mountain" be changed to "Meldrum Mountain" naming the mountain in memory of J. W. Meldrum who was U. S. Commissioner in Yellowstone for some 40 years.

On February 14 the editor of Growing Wildlife was supplied with some information on observations and records of wolves in Yellowstone.

A special meeting was held in the Superintendent's Office on February 18 at which time the coyote control in areas adjacent to the park was discussed by Superintendent Garrison, Park Naturalist Gordon, Biologist Kittans, Chief Ranger Brown, and Loren A. Grand of the Fish and Wildlife Service.

A progress report on the research work being done by Kenneth H. Armitage was received early in the month and was placed in the Yellowstone research library. Mr. Armitage is making an intensive ecological study of the Yellowbellied Marmot.

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
57 SOUTH EAST ASIAN BLVD  
CHICAGO, ILLINOIS 60607

TO: THE DIRECTOR OF THE UNIVERSITY OF CHICAGO  
FROM: THE DIRECTOR OF THE UNIVERSITY OF CHICAGO  
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At the beginning of the month of February the Mammoth Springs on the Mammoth Hot Spring Terraces lost its constant supply of water and was virtually dormant throughout the month but at the month's close, a considerable amount of water again covered the top of the terraces. The hot spring activity at Highland Terrace had moved back along the rim of that terrace to the vicinity of Range Spring Mound where it was active two years ago.

Natural History Association. On February 19 the Yellowstone Library and Museum Association sent a check in the amount of \$1,000.00 to Mrs. Violet Fragie for the purpose of purchasing 12 lots in the foresta subdivision in Yosemite National Park. The Yosemite Natural History Association will act as agent for the Yellowstone Library and Museum Association and will take title to this property. Eventually this land will become government property and part of Yosemite National Park. The payment for these lots was a gesture of the cooperation of the Yellowstone Association with Yosemite in their attempt to gain possession of private holdings within that park. The Yellowstone Library and Museum Association will be repaid their \$1,000.00 as soon as the complete transaction associated with this land transfer has been finished, which will probably be sometime in 1958.

The first shipment was received February 15 of the new edition of the book "The Plants of Yellowstone National Park" by Dr. W. E. McDougall and Mrs. Henna A. Bagley. Copies of this publication were sent to the authors, the Library of Congress for copyright, the Regional Director, the Director's Office and two copies were sent to the Department of Interior Library. Copies were also sent to the Nature Magazine, Natural History Magazine, National Parks Magazine and the Livingston Enterprise for examination and a book review if they saw fit to print one. At the month's close no word had been received from those to whom the books had been sent except a good review of the publication was presented in the Livingston Enterprise.

The Association purchased kodaslide of birds for use in the interpretive program from the American Museum of Natural History and Mr. Paul Nesbit of Colorado Springs. It is anticipated that the Association will purchase a large number of bird slides from other kodaslide dealers in order that this class of visual aids material will be improved.

"The Story of Old Faithful Geyser" was sent to George D. Marler early in the month and was revised by him and by the month's close had been sent to the Wheelwright Lithographers in Salt Lake City for a quotation from them on the possibility of printing 20,000 copies.





## Operations

Concessioners. Huntley Child, Jr., Vice President of the Yellowstone Park Company, left the park February 2 for Washington, D. C. to attend a meeting of the Western Conference on National Park Concessioners February 6 and 7. Other Yellowstone concessioner officials who attended were J. E. Haynes, President of Haynes Inc., and Mrs. Haynes, who left Bozeman February 4, and John A. Nichols, President, Yellowstone Park Company, Hugh D. Calusha, Jr., Yellowstone Park Company, and Trevor Povah, Vice President of Hamilton Stores, Inc. Mr. Child returned to Yellowstone the 14th.

On February 20, Superintendent Garrison approved amendments to the Yellowstone Park Company Schedule of Rates including hotel, lodge, coffee shop and cafeteria meal rates, hotel rates, detached baths, Old Faithful Lodge cabins and various tourist cabins. He also approved the rates for the new Canyon Village motel units which are expected to be open by July 1. These will be \$10 for single occupancy, \$12 for two people, \$15 for 3 people and \$17 for four people, European Plan.

Maintenance. The road crews were engaged in routine maintenance during the month. This included six trips to Goose City with two push plows and several days of cleaning ice and snow pack from the roads with a scarifier and ice blades.

During the past month the maintenance crews spent considerable time on the Laramie quarters rehabilitation. This included the installation of five cabinet type kitchen sinks in quarters Nos. 10-B, 24, 41, 43 and 50-A. Complete plumbing renovation and general repairs were accomplished on 12 park and WDC trailer houses. This project will mean an immense saving of time and manpower during the spring and fall when these trailers are being readied for living and being drained.

Protection and Ranger Service. Protection Division activities during the month included elk reduction through the 23rd, live elk trapping, assistance to State of Montana men with antelope trapping, patrols to various points in the park and along boundaries, air patrol over Thorofare, ski training beginning February 25, weekly trips to Riverside gauging station, ranger manual revisions, and assistance on protection division reorganization, including position descriptions, organization charts and district maps.

Wildlife and Fish Cultural Activities. ANTELOPE. On February 8, Montana State Fish and Game Department men started putting up an antelope trap in the Stevens Creek area near Gardiner for trapping



antelope for shipment to Nevada. The trap was of a temporary nature and the animals were hazed into this enclosure by airplane, 26 having been captured on the 12th and 94 on the following day. The antelopes were tagged and 100 were sent to the state of Nevada on the 14th and 16 to the National Bison Range, Moiese, Montana, on the 15th. Four were killed in trapping operations. The 120 trapped were classified as follows: 43 male adults, 9 male kids, 60 female adults, and 8 female kids.

**BEARS.** Bear incidents in 1956 were summarized by Biologist Kittans. There were 109 injuries and 104 damages reported and sixteen black bears were killed for control.

**BIGHORN SHEEP.** Five rams were observed on Abiathar Peak and three rams on Mount Norris. Other observations were three sheep on Specimen Ridge and twelve on Druid Peak. Several sheep were seen occasionally in the north Mount Everts area.

**BISON.** The aerial census made by Biologist Kittans on February 7 revealed animals by areas as follows: Firehole, 116; Hayden Valley, 194; Pelican, 88; and Lamar, 145, totaling 543.

District Ranger Murphy reported approximately 70 bulls and cows in the Horseshoe area, and scattered bulls throughout the Lamar area. Twenty-five were observed in the Soda Butte area on the 14th. Twenty-four were counted in the Hayden Valley south of Canyon on the 12th by District Ranger Way on his airplane flight.

The old bull previously reported at Stevens Creek in the north end of the park near Gardiner seems to be making out all right but food is scarce.

**COYOTES.** District Agent E. F. Grand of the Fish and Wildlife Service, Billings, met with the Superintendent and his staff on February 20 to discuss coyote control near the park boundary. Mr. Grand explained why he had not notified us before placing the 1080 poison station on Tepee Creek and he indicated he would try to effect coyote control in the future at locations farther from the park. That station was removed by the Fish and Wildlife Service about the 4th of February.

**ELK.** Direct reduction of the elk herd was concluded on February 23. A total of 339 elk carcasses was produced by this program during the month and furnished Indians and the Montana State University. Two elk were lost after being wounded. The total reduction of elk by direct method is 739 for the season.

Success was attained in furnishing 25 live elk for range stocking at Vermijo Park New Mexico, and 26 for range stocking in Hell's Canyon near Butte, Montana.







Live trapping will be continued as long as there is possibility to capture elk as there are outlets for as many as can be captured.

The Gardiner, Montana, hunting area was reopened for elk hunting on January 26 and remained open through February 1. Officials of the Montana Department of Fish and Game reported 30 elk killed by hunters during this late season and 45 elk taken by hunters in the regular fall season. This brings the total hunter-killed elk from the Northern Yellowstone Herd to 345 elk for the winter.

A crippled elk found in the Stevens Creek area on the 11th was disposed of.

As many as 360 animals have been observed from the air way in the Gallatin area between Pan and Tepee Creeks. They are beginning to show signs of hard winter and poor grazing. A small bunch, however, being fed hay from a private source, near the park, are in worse shape.

Eleven elk killed by rangers near Crystal Creek on February 18 were examined by Biologist Kittans. The one calf was thin; the one bull, about a three-year-old, was of medium flesh as were eight of the cows; and one cow was thin.

The possibility of extending the park's direct reduction program to the Stevens Creek area in an attempt to induce movement of part of a large herd of elk across the park boundary was presented for concurrence to the Director of the Montana Fish and Game Department. The Director had already decided to close the elk season in the Gardiner-Jardine area on February 10, so no action was taken on our request. Apparently certain groups opposed to the late elk season brought considerable pressure on the game department whose people believed there was danger that the extended season would encourage legislative action to take authority for setting this elk season from the Commission.

FIG. 1. Biologist Kittans discussed variations in harvest of brown trout according to lure types, time of season and creel limit with several Montana fisheries biologists in Helena on February 7.

Range. February was unusually warm, there being 19 days when the temperature rose above freezing and on only four days did the minimum fall below zero at Mammoth. Precipitation there of 0.74 inch was 76 per cent of the normal, 1.23 inches. High winds in early February removed snow from portions of the critical range, then during warm periods between February 11 and 19 and continuing after February 22, snow melted, especially at low elevations. Snow hardened with the alternate thawing and freezing about mid-month, limiting area available for foraging. By the end of the month much of the range below Cave Creek was open and considerable old forage was available; above there only small spots were devoid of snow and they have very little forage.



left on them. Examination of some snow-free spots near Soda Lake where there was virtually no grass left for elk revealed a number of sagebrush bushes which had been only lightly browsed, indicating the low palatability of this species to elk.

Mr. Kittars delivered his illustrated paper on color photography in range studies to about 175 members of the American Society of Range Management at Great Falls on February 1 and returned to the park the following day.

Detailed study of plant changes on 13 study plots was completed for the annual range report.

Forest Fire Protection. On February 12 a meeting was held with Messrs. Bagley, Castro and Harvey of the Management Review Team and Regional Personnel Officer Snegosky who were here from the Regional Office, and 14 members of the park staff in attendance, including all of the available rangers who participated in the suppression of any of the forest fires last summer, for a review of the 1956 fire season. Action on the Surprise Creek fire was considered in detail along with a brief review of seven other fires which occurred.

Due to the lack of a sufficient number of qualified applicants to fill all of the fire control aid positions, letters were sent to a number of forestry schools giving information concerning the work and soliciting applicants.

Tom Milligan, Smokejumper Squad Leader, spent considerable time preparing cloth-backed revised topographic maps for smokejumper use. These were made in two sizes, one for use in the airplane and some in smaller sections for use by the men after they have made their jumps.

The airplane contract was submitted for rebidding on February 26.

Plans for spring fire training, forest and building, were begun. Tentative programs have been started and instructors are being selected for six and one-half days of training in building and forest fire suppression training.

Blister Rust Control. Availability forms were mailed to 30 men who worked on the Blister Rust Control crew last year and a selected few from former years. To date, word has been received from 10 men who wish to return to Yellowstone and work on this crew next summer.



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Assistant Chief Ranger Edwards is scheduled to meet with U. S. Forest Service Blister Rust Control personnel at Missoula, Montana, the week of March 4. This meeting has been arranged for the purpose of developing plans for next summer's work.

On February 8 Mr. Barrows gave a talk on blister rust to the Region Two staff and a Forest Service motion picture was shown.

Forester Gynn of Missoula advised Glacier, Grand Teton, Rocky Mountain and Yellowstone about purchases of pumps, chemical and miscellaneous items to be made with the expected additional \$1,000 for blister rust control in the current fiscal year. He is meeting at Missoula March 4-6 with Messrs. Carnavaria from Glacier and Edwards from Yellowstone regarding personnel and 1957 operations.

The Denver and Seattle General Services Administration offices are being contacted regarding prices and availability of motor vehicles which may be rented for blister rust work as it is planned to use this source for transportation in lieu of buying additional or replacement trucks.

Forest Insects. A request for \$4,500 has been submitted to control a 50,000 acre area infested with spruce budworm in Yellowstone and, in addition, \$10,000 has been requested to conduct a biological study to assess the effects of aerial DDT spraying. The Forest Insect Laboratory is conducting budworm studies regarding the control project which will be undertaken only upon evidence indicating high insect population and absence of effective natural controls by parasites or disease. Bole samples collected in January by the Laboratory for population studies have not produced the expected emergence of larvae to date and it may be necessary to obtain new tree sections during the spring months.

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## Design and Construction

New Construction. Bids were opened and contracts have been let for materials for the campfire circles at Mammoth and East Park and the Canyon amphitheater. These contracts were for seat lumber and galvanized metal seat supports. The reason for the early letting of these bids is the delivery dates on these materials are from 75 to 90 days.

Utilities. Superintendent Garrison met in Denver February 4 with Mountain States Telephone and Telegraph Company officials on telephone contracts.

On February 27 a meeting was held in the Superintendent's Office to complete negotiations on the private line network contract with the Telephone Company. Those present were Joe Paulus, Montana Sales Manager; Louis Marquardt, Assistant Sales Manager, Helena, Montana; and Harry Watson, Cheyenne, Wyoming, to be in charge of the installation of the Mountain States facilities to be placed in the park; and Messrs. Garrison and Hamilton. On that day the contract was signed providing for the private line network to be installed in the park to serve the Park Service and the Yellowstone Park Company, Hamilton Stores and Yellowstone Park Service Stations.

On the same date Mr. Hamilton left for Denver for a meeting with Telephone Company officials on telephone contracts. He conferred with J. H. Shepherd, Attorney for the Mountain States Telephone and Telegraph Company, to review final revisions and come to complete agreement on the conditions of the contracts for the telephone operations agreement and the purchase and sale agreement to be signed March 6 in Casper, Wyoming.

The Western Office of Design and Construction is attempting to get the radio frequencies for the radio system to be installed in the park next spring by Land Air, Inc. of Chicago, as allotted by the Department Radio Advisory Committee.

Warren F. Hamilton  
Acting Superintendent

Monthly Progress Report attached

In triplicate

Copy to Region Two w/c attachment

Files (2) ✓  
Joffe Office Files

ekm

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MEMORANDUM FOR THE RECORD

On 12/15/54, the following information was received from the [redacted] office regarding the [redacted] case. The [redacted] office advised that [redacted] had been [redacted] and [redacted] had been [redacted].

The [redacted] office is currently [redacted] and [redacted] is [redacted]. It is noted that [redacted] has been [redacted] and [redacted] has been [redacted].

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Very truly yours,  
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Very truly yours,  
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Very truly yours,  
[redacted]

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SIGNING THE CONTRACT FOR PRIVATE ONE TELEPHONE SERVICE IN YELLOWSTONE NATIONAL PARK. THIS WILL BE FIRST PRIVATE TELEPHONE SERVICE IN THE PARK.

Left to right: Warren F. Hamilton, Assistant Superintendent, Yellowstone; Joseph A. Paulus, Montana Sales Manager, Mt. States T. & T. Co., Helena, Mont.; Harry Watson, Wyoming Commercial Dept., Mt. States T. & T. Co., Cheyenne, Wyo. (Will be in charge of installation of this system in the park); Louis F. Merquerat, Assistant Sales Manager, Mt. States T. & T. Co., Helena; Lemuel A. Garrison, Superintendent, Yellowstone, signing. (Picture taken in 1957. Garrison's office.)

February 27, 1957

Page 1 of 1





YELLOWSTONE NATIONAL PARK

Superintendent Garrison boarding snowplow on trip from Moran to South Entrance. This is first known record of a Yellowstone superintendent visiting the park's south entrance in winter.

Jan. 25, 1957.

Date by \_\_\_\_\_







YELLOWSTONE NATIONAL PARK

Several oversnow vehicles demonstrated near Divide Hill, in the Gallatin area. (left to right): Tracked Sno-Dog, mow-plane, Christie "Bearcat".

Jan. 25, 1957

Photo by: [unclear]





YELLOWSTONE NATIONAL PARK

Ear-tagging antelope trapped at Stevens Creek before shipment to  
State of Nevada

Feb. 14, 1957

Photo by: [unclear]















