

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

National Park for the Month of

Number	Month	This Month	Last Year	This Month	Last Year
41	42	43	44	45	46
47	48	49	50	51	52
53	54	55	56	57	58
59	60	61	62	63	64
65	66	67	68	69	70
71	72	73	74	75	76
77	78	79	80	81	82
83	84	85	86	87	88
89	90	91	92	93	94
95	96	97	98	99	100

PRIVATE TRANSPORTATION:

41	42	43	44	45	46
47	48	49	50	51	52
53	54	55	56	57	58
59	60	61	62	63	64
65	66	67	68	69	70
71	72	73	74	75	76
77	78	79	80	81	82
83	84	85	86	87	88
89	90	91	92	93	94
95	96	97	98	99	100

OTHER TRANSPORTATION:

41	42	43	44	45	46
47	48	49	50	51	52
53	54	55	56	57	58
59	60	61	62	63	64
65	66	67	68	69	70
71	72	73	74	75	76
77	78	79	80	81	82
83	84	85	86	87	88
89	90	91	92	93	94
95	96	97	98	99	100

GRAND TOTAL ALL VISITORS

Number	Month	This Year	Last Year
41	42	43	44
47	48	49	50
53	54	55	56
59	60	61	62
65	66	67	68
71	72	73	74
77	78	79	80
83	84	85	86
89	90	91	92
95	96	97	98
101	102	103	104

Counted in public camps during month
Counted in public camps during month

1-23
(7, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Yellowstone NATIONAL PARK

FILE NO. 143

MONTHLY REPORT

March, 1928

MARCH 1928

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

HORACE M. ALBRIGHT,
Director.

W. H. ...
April 5, 1928.

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

The following is a report of the activities of Yellowstone National Park, for the month of March 1928:

000 - General

Superintendent Albright spent the entire month in California and en route to Washington in connection with his duties as Assistant Director (Field). From March 1st to March 6th Chief Ranger S. T. Woodring was Acting Superintendent of the Park. On March 6th Assistant to the Superintendent Joseph Joffe returned from the Superintendent's conference and became Acting Superintendent of the Yellowstone. On March 11th Assistant Superintendent E. F. Mann returned to the park and was Acting Superintendent during the remainder of the month.

Beginning February 23rd an epidemic of diphtheria arose in Yellowstone. Laborer Charles Green was the first member of the organization to take down with this disease and he was confined to his house for practically a month. Several other members of the community contracted the disease and they and their families were placed in quarantine by the doctor in charge. This seriously handicapped the work in the office, and it was necessary to hire an additional man to replace Mr. Green on the market wagon. The doctor's family was also under quarantine. Auto Mechanic Roy L. Beatty and his family were the last to be released from quarantine. They were released on the last day of March. Steward and Master of Transportation Charles Brunt and his family were in quarantine for more than two weeks and Purchasing Clerk Russell Sprinkel was confined to his house for more than a week. When the first case of diphtheria was reported in the community the Resident Physician believed it advisable to inoculate all persons residing here, and on Sunday, March 4,

Dr. Geo. A. Windsor came up from Livingston, and with the assistance of Dr. Anderson, the Resident Physician, he inoculated practically all persons (adults and children) residing here, but despite this precaution the disease spread and the above-mentioned families were placed in quarantine. It is believed that the epidemic is over as no new cases have developed. This is the first epidemic that has hit the park for a number of years. Fortunately there were no serious consequences. The situation was very ably handled by the doctor in charge, and as soon as a person was suspected of having it a throat culture was made, and if found positive the person and his family were quarantined.

On March 5th Mr. Thad C. Pound, Park Ranger, was taken ill with erysipelas, Mr. Pound's illness necessitated his daughter, Clerk Frances E. Pound, remaining at home with him, which kept her from her duties in the Headquarters office. Miss Pound's absence left the office without a stenographer, and the office was seriously handicapped by her absence.

File Clerk Mrs. Anna E. Greer returned to duty on March 1st, having been away from her work for about 6 weeks in order to undergo an operation in the Park Hospital in Livingston, Mont. Mrs. Greer's absence seriously handicapped the office. Upon returning to work on March 1st, it was several days before she was strong enough to carry out all of the duties ordinarily performed by her.

Road Conditions: Road conditions between the north entrance and park headquarters have been fairly good throughout the month. Travel between Park Headquarters, Tower Falls, Buffalo Ranch and Cooke City, Montana, has been limited to mounted patrols by rangers and weekly mail deliveries to Cooke City by sleigh. Snow depths along the loop road have materially increased during the past two weeks. There has been an increase of 32 inches at West Yellowstone, 19 inches at Old Faithful, 24 inches on the Norris Canyon Divide, and 22 inches at the Sylvan Pass or eastern gateway. The loop road will probably not be opened to travel before June 1st. There has been considerable local travel between Livingston, Montana, and park headquarters during the month.

100 - Administrative

110 - Status of work

Cutting of stencils and mimeographing of the Ranger Naturalist Manual necessitated considerable extra work during the month. Practically all of the work on the Manual has now been completed and it should be ready for issuance some time this month. We are now awaiting the opening of the print shop of the Yellowstone Park Hotel Company in order to take care of the binding of this book.

The compiling of the Minutes of the Tenth National Park Conference by Assistant to the Superintendent Joffe, who acted as Secretary to the Conference, necessitated his working overtime nearly every night for more than two weeks after his return to the park. We are now awaiting the return of the rough draft of the Minutes and upon their receipt here the work of cutting stencils will begin.

Dr. Geo. A. Lindner came from Livingston, and with the assistance of Dr. Anderson, the Resident Physician, he inoculated practically all persons (adults and children) residing here, but despite this precaution the disease spread and the above-mentioned families were placed in quarantine. It is believed that the epidemic is over as no new cases have developed. This is the first epidemic that has hit the park for a number of years. Unfortunately there were no serious consequences. The situation was very ably handled by the doctor in charge and as soon as a person was suspected of having it a strict isolation was made, and if found positive the person was fully vaccinated.

On March 25 Dr. Fred C. Jones, Park Ranger, was taken ill with typhoid. Mr. Jones' illness necessitated his daughter, Clark Jones, being retained at home with him, which kept her from duties in the Park Ranger's office. Miss Jones' absence left the office without a superintendent, and the office was seriously handicapped by her absence.

Miss Clark Jones, Anna E. Jones returned in early on March 25, having been away from her post for about 6 weeks in order to undergo an operation in the Park Hospital in Livingston, Mont. Mr. Jones' absence seriously handicapped the office. Upon returning to work on March 25, it was several days before she was strong enough to carry out all of the duties ordinarily performed by her.

Local Conditions: Good conditions: Good conditions between the north entrance and Park Headquarters have been fairly good throughout the month. Travel between Park Headquarters, Tower Falls, Buffalo Ranch and Grand City, Montana, has been limited to mounted patrols by rangers and weekly mail deliveries to Grand City by stage. Now that the loop road has been partially increased during the past few weeks. There has been an increase of 12 inches at Tower Yellowstone, 19 inches at Old Faithful, 24 inches on the North Canyon Divide, and 22 inches at the Upper Pass or section, etc. The loop road will probably not be opened as travel between Tower Falls. There has been considerable local travel between Livingston, Montana, and Park Headquarters during the month.

100 - Administrative

110 - Stationery

Setting of stenilla and microphotography of the Bureau of Land Management's records. Several dated stenilla were during the month. Practically all of the work on the stenilla has now been completed and it should be ready for issuance soon. The stenilla are now waiting the opening of the first ship of the stenilla. Park Hotel Company in order to take care of the setting of this work.

The condition of the stenilla of the Park Hotel Company was discussed by Assistant to the Superintendent, Tower Falls, who acted as secretary to the stenilla. Several dated stenilla were during the month. Practically all of the work on the stenilla has now been completed and it should be ready for issuance soon. The stenilla are now waiting the opening of the first ship of the stenilla. Park Hotel Company in order to take care of the setting of this work.

120 - Park inspections by

123 - National Park Service Officers

Chief Clerk Fred L. Conner of Yosemite National Park was here for a few days going over the accounts of this office and straightening out any difficulties which arose in connection with the operation of the new accounting system. He arrived here on March 29th and left on April 4th, going to Rocky Mountain Park from here.

150 - Equipment and Supplies

Storehouse employees were engaged in the usual freighting and issuing of supplies to operations in Mammoth.

170 - Plans, Maps and Surveys

The work of this department consisted of general office routine, estimates of work, plans, cost data, etc.

180 - Circulars, placards, publicity bulletins, etc.

Vol. 5, No. 3, of Nature Notes was issued during the month.

120 - Park Inspections by

121 - National Park Service Officers

Chief Clerk Fred L. Connor of Yosemite National Park was here for a few days going over the accounts of this office and maintaining the accounts. He arrived here on March 27th and left on April 4th. Going to design Mountain Park from here.

122 - Equipment and Supplies

Stores and supplies were stored in the usual freighting and issuing of supplies to operations in Yosemite.

123 - Plans, Maps and Surveys

The work of this department consisted of general office routine, estimates of work, plans, maps, etc.

124 - Circulars, Reports, Periodicals, etc.

Vol. 2, No. 3 of Nature Notes was issued during the month.

200 - Maintenance, Improvements and New Construction

Road Maintenance: During the early part of the month the weather turned warm and made it necessary to send a tractor and grader from Mammoth to Gardiner and return to open up the ditches which have been filled during the winter. Otherwise there was no other work on road maintenance.

Maintenance - Buildings: The lower floor of the quarters of the Chief Ranger were completed by the painter and opened for occupancy. One car and one truck were painted National Park Service green. This work is being done with a paint spray gun, using the new type lacquer that has recently been developed. As there is no heating system available the lack of heat retarded the work considerably. The new telephone office was completely refinished.

Carpenter Shop: Work was finished on both floors of the Woodring quarters and the carpenter helped remodel a room into a new telephone office, and made other incidental repairs, including the repairing of a cab for one of the gravel trucks.

Plumbing Department: This department repaired stoves, miscellaneous small tools, connected plumbing work and some time was spent on equipping the paint shop with air connections, air driers, etc.

Electrical Department: The Chief Electrician changed the telephone office to another room, moved the switchboard into that room and replaced the old wornout rack with one donated to us by the Bell Telephone Company which he had remodeled to meet our needs. The new telephone office, although smaller than the previous office, is complete in itself and is a very good looking job. He also completed the hanging of fixtures in Mr. Woodring's quarters.

230 - Road Construction: No road construction this month.

240 - Improvement of Approaches to Parks: The Supreme Court of Montana reversed the decision of the Attorney General, and it is now possible for State funds to be used on the construction of roads through the National Forests. This has made it possible for bids to be let upon the entire section on the north approach road between Corwin Springs and Gardiner, including a bridge at Gardiner, and by the end of the season this work should be open to travel. That will leave the 18 mile section between Emigrant and Carbella as the only unimproved link in the section from Gardiner to Livingston, and this uncompleted section is scheduled for construction within the near future as soon as funds can be made available.

350 - Donations and Accessions of All Kinds: Two books "The Ornithology of North America" and "Survey by Stevens" were donated to the Yellowstone Park library by Mr. C. W. Moore of 307 West Rose St., Pittsburg, Kansas. Mr. Mose Wineman presented to our Museum a letter which he had framed which he had received from President Coolidge acknowledging receipt with thanks for pictures which Mr. Wineman sent the President of his trip through Yellowstone last year. Thirteen pictures of the Hayden Expedition, taken by W. H. Jackson, and a picture of Chittenden Bridge were received from the Director of the National Park Service.

Good Maintenance: During the early part of the month the weather turned warm and it became necessary to make a tractor and trailer from the shop to Gardiner and return to open up the roads which have been filled during the winter. Otherwise there was no other work on road maintenance.

Maintenance - Buildings: The lower floor of the quarters of the Chief Ranger were completed by the painter and opened for occupancy. The new one truck were painted Ball and Park Service green. This work is being done at the paint spray gun, using the new type lacquer that has recently been developed. As there is no nesting water available the floor of heat radiated the work considerably. The new telephone office was completely refinished.

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Plumbing Department: This department repaired stoves, miscellaneous small jobs, connected plumbing work and some time was spent on equipping the paint shop with air connections, air drivers, etc.

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230 - Good Construction: No road construction this month.

240 - Improvement of Approaches to Park: The Supreme Court of Montana reversed the decision of the Attorney General, and it is now possible for funds to be used on the construction of roads through the National Forest. This has made it possible for us to get upon the entire section on the north approach road between Curtis and Gardiner, including a bridge at Gardiner, and by the end of the season this work should be open to travel. That will leave the 18 mile section between Curtis and Gardiner as the only unimproved link in the section from Gardiner to Livingston, and this unimproved section is scheduled for construction within the near future so soon as funds can be made available.

250 - Donations and Accessions of All Kinds: The books "The Geography of North America" and "Survey by Lawton" were donated to the Yellowstone Park Library by Mr. J. J. Moore of 207 East Base St., Pittsburg, Kansas. Mr. John Altmann presented to our library a letter which he had framed which he had received from President Coolidge acknowledging receipt with thanks for pictures which Mr. Altmann sent the President of his trip through Yellowstone last year. Thirty pictures of the Hayden Expedition, taken by W. B. Jackson, and a picture of Chittenden ridge were received from the Director of the National Park Service.

400 - Flora, fauna and natural phenomena

410 - Ranger Service

Chief Ranger Woodring has supervised all protection department activities during the month. He was on duty in the headquarters district prior to the 15th where he was chiefly engaged in elk feeding at Mammoth and Gardiner and in the repair of pack and saddle horse equipment. He was absent on a ski patrol (tour of inspection) from the 15th to 24th, inclusive. Overnight stops were made at Norris, Fountain, Old Faithful, Mary Mountain, and Canyon. Other activities have consisted of remodeling of an old building at park headquarters for use as a storehouse and workshop by the Protection Department.

Assistants Chief Ranger Trischman, Douglas and Lick have been on patrols and tours of inspection in their respective supervisory territories throughout the month.

Assistant Chief Ranger Greer has been in charge of the detail work of the Chief Ranger's office, consisting in part of report compilation, correspondence with applicants for ranger appointments, communication service with all district stations and the preparation of special forms and statistical records for use during the tourist season. There were several hundred applications for ranger appointments indicating the usual wide range of interest in the work. The applicants vary in point of age from 15 to 50. Various occupations were given, although teacher and student predominate. The temporary personnel will probably consist of 21 former rangers, 20 new appointees and 11 ranger-naturalists, total 52. We have a fine list of applicants, although not quite as wide a range of choice as last year.

Rangers on duty in the various station districts have been principally engaged in routine work consisting in part of snow removal from buildings, observing and reporting water gage heights, precipitation, snow depths, temperatures, etc. Winter season repairs and maintenance of telephone lines, predatory animal hunting and patrols. Travel conditions have been at times exceedingly difficult but all patrols were made on regular schedules and conditions are good throughout the park.

420 - Museum Service

Park Naturalist Edmund J. Sawyer resigned effective March 31st. Mr. Dorr G. Yeager of Iowa has been appointed to succeed him. Mr. Sawyer held this position for the past four years and has aided materially in the upbuilding of the park museum, and has added from time to time paintings of the wild life of the Yellowstone to the collection. The nest and egg exhibits found in the museum are a result of Mr. Sawyer's work. As reported previously, he has been engaged in preparing a series of wild life groups, one-eighth life size, in their natural habitat. Work was begun on these groups last winter at National Park Educational Headquarters in Berkeley, Calif. The moose group was completed at that time and considerable progress was made

410 - Ranger Service

Chief Ranger Woodring has supervised all protection department activities during the month. He was on duty in the western forest district prior to the 15th where he was chiefly engaged in fire fighting at various points and in the repair of pack and saddle horse equipment. He was absent on a ski patrol (tour of inspection) from the 15th to 24th inclusive. Overnight stops were made at Morris, Tompkins, Mt. Lathrop, Mary Mountain, and Canyon. Other activities were consisted of remodeling of an old building at park headquarters for use as a storehouse and workshop by the Protection Department.

Assistant Chief Ranger Woodring, Tompkins and Lathrop have been on patrol and tours of inspection in their respective supervisory territories throughout the month.

Assistant Chief Ranger Woodring has been in charge of the detail work of the Chief Ranger's office, correlating in part of report compilation, correspondence with applicants for ranger appointments, communication services with all district stations and the preparation of special forms and statistical records for use during the tourist season. There were several hundred applications for ranger appointments indicating the usual wide range of interest in the work. The applicants vary in point of age from 15 to 50. Various occupations were given, although teacher and student predominate. The temporary personnel will probably consist of 21 former rangers, 20 new appointees and 11 ranger-materialists, total 52. We have a fine list of applicants, although not quite as wide a range of choice as last year.

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420 - Museum Service

Park Naturalist Charles J. Sawyer resigned effective March 31st. Mr. Dorr G. Yeager of Iowa has been appointed to succeed him. Mr. Yeager held this position for the past four years and has since worked in the collecting of the park museum, and has added from time to time specimens of the life of the wilderness to the collection. The past and present exhibits found in the museum are a result of Mr. Sawyer's work. He reported previously, he has been engaged in preparing a series of wild life groups, mounted life also, in their natural habitat. Work was done on these groups last winter at National Park Educational Headquarters in Berkeley, Calif. The moose group was completed at that time and considerable progress was made

on groups as follows: Buffalo, grizzly, black bear, mountain sheep. The moose group was on exhibition in the Museum throughout the tourist season last year and attracted more attention than any exhibit in the Museum. This year Mr. Sawyer completed the grizzly bear group (a mother and two cubs), the buffalo group, and a group of black bears (a mother and three cubs). These Habitat groups are true to life and will give the tourist an excellent idea of wild animals in their natural surroundings. A fifth and sixth group, namely mountain sheep and antelope, are to be completed in the near future.

470 - Animals

There was a great improvement in forage conditions during the first three weeks of the month. A five day thaw prior to the 10th uncovered large areas between the 6,000 and 7,000 levels. Wild animal conditions quickly improved and although heavy snowfall occurred during the closing week of the month the forage problem is definitely settled for this year.

Elk: Elk conditions improved materially during the first three weeks of the month. A five day thaw prior to the 10th uncovered large areas of good forage, and although heavy losses appeared inevitable at the close of February the actual losses were not very greatly in excess of normal. The loss for the month was 106, the losses previously reported were 88, total this season to date 194 as compared with 103 at the close of March last year. The winter season losses this year consist of 141 calves, 38 cows and 15 bulls. The calf losses include 29 coyote kills. Counts were submitted during the month as follows: Mammoth District 846, Gardiner district 800, Hellroaring District 421, Slough Creek district 495, Buffalo Ranch District 175, Soda Butte district 250, south slope of Cache Creek 80 and along the meadows of the Gibbon, Firehole and Madison Rivers 135. There has been a moderate drift to the higher elevations overlooking the Yellowstone and Lamar Rivers. Plans are now being made for a full count of the northern herd beginning on ~~at~~ April 9th. A detailed report will be submitted next month.

Deer: Rangers on patrol during the month of February submitted deer counts totaling 802. Additional counts of 6 at Upper Geyser Basin, 4 at Madison Junction and 10 at Jackson Grade give a maximum count of 822 this season. Winter season losses consist of 33 killed by coyotes and 11 winter kills, total 44, as compared with 32 at the close of March last year, and conditions are good at this time.

Sheep: Only a few isolated counts were secured during the month which were noted as follows: Bear Creek district 21, Gardiner Canyon 6, Tower Falls district 20, Abiathar Mountain 9 and Mt. Norris 11, total 67. The known losses this season consist of 16 in the Bear Creek district, 4 in the Gardiner Canyon and 8 in the vicinity of Tower Falls, total 28. Cause, scabies mites and lung worm infections. All the sheep bands being observed are in poor condition and additional losses will probably occur.

on groups as follows: Buffalo, Prizely, black bear, mountain sheep. The
 Moose group was on exhibition in the Museum throughout the winter season
 last year and attracted more attention than any exhibit in the Museum. This
 year Mr. Sawyer completed the Prizely bear group (a mother and two cubs),
 the Buffalo group, and a group of black bears (a mother and three cubs).
 These habitat groups are true to life and will give the visitor an ex-
 cellent idea of wild animals in their natural surroundings. A fifth and
 sixth group, namely mountain sheep and antelope, are to be completed in
 the near future.

470 - Animals

There was a great improvement in forage conditions during the
 first three weeks of the month. A five day hay prior to the 10th uncovered
 large areas between the 6,000 and 7,000 levels. Wild animal conditions
 quickly improved and although heavy snowfall occurred during the closing
 week of the month the forage problem is definitely settled for this year.

Deer: Six conditions improved markedly during the first three
 weeks of the month. A five day hay prior to the 10th uncovered large areas
 of good forage, and although heavy losses appeared inevitable at the close
 of February the actual losses were not very greatly in excess of normal.
 The loss for the month was 106, the losses previously reported were 88.
 Total this season to date 194 as compared with 103 at the close of March
 last year. The winter season losses this year consist of 141 calves, 38
 cows and 15 bulls. The calf losses include 29 coyote kills. Counts were
 submitted during the month as follows: Madison District 846, Gardiner dis-
 trict 800, Yellowstone District 421, Moose Creek district 425, Buffalo
 Ranch District 175, Soda Butte district 250, south slope of Cache Creek 80
 and along the meadows of the dipper, Nichole and Madison Rivers 135. There
 has been a moderate drift to the higher elevations overlooking the Yellow-
 stone and Lamar Rivers. Plans are now being made for a full count of the
 northern herd beginning on April 21st. A detailed report will be sub-
 mitted next month.

Sheep: Ranges on patrol during the month of February reported the
 deer counts totaling 802. Additional counts of 6 at Upper Green Lake, 4 at
 Madison Junction and 10 at Jackson Grade give a maximum count of 822 this
 season. Winter season losses consist of 27 killed by coyotes and 11 winter
 kills, total 38, as compared with 25 at the close of March last year, and
 conditions are good at this time.

Sheep: Only a few isolated counts were secured during the month
 which were noted as follows: Bear Creek district 21, Gardiner district 20, Tower
 Falls district 20, Blatchford Mountain 2 and Mt. Harris 11, total 54. The
 known losses this season consist of 12 in the Bear Creek district, 4 in
 the Gardiner district and 8 in the vicinity of Tower Falls, total 24. Losses
 scabies mites and lung worm infections. All the sheep bands being checked
 are in poor condition and additional losses will probably occur.

Antelope: The count secured at the close of the month was 420. The largest count secured in February was 442. The largest count of the season consisting of 526 was secured on December 29th. There are approximately 200 on their winter range outside the park. The reported losses this season consist of 8 killed by coyotes, 4 winter kills, a loss of 2 from accidents and 5 unlawfully killed by hunters, total 19. Unconfirmed reports of antelope drift to the lower elevations are seemingly supported by the results of the latest counts. We are unable at this time to definitely confirm or discredit these reports.

Moose: There is nothing of interest to report at this time.

Buffalo - Lamar River Herd: The Chief Buffalo Keeper reports 137 calves in corral and 616 adults on the feed ground at the close of the month. Feeding will be concluded on or about April 15th. Four hundred and eighty-six tons of hay have been fed. There has been some tendency to drift and a band of more than 100 is now ranging the Hellroaring slope. The herd is in excellent condition.

Buffalo - Cold-Creek Pelican Creek Herd: There is nothing of interest to report at this time.

Bears: Bears were reported out of hibernation at Old Faithful and Mammoth Hot Springs on March 8th. They have since appeared at Lake, Canyon and Norris and also Tower Falls. The captive bear Juno at headquarters was the first to appear. Daily visits to the garbage cans at the headquarters community began on the evening of March 30th.

Predatory: Seventeen coyotes were killed by rangers during the month, which, together with 258 previously reported, makes a total of 275 this season to date, as compared with 226 prior to April 1st last year, 238 in 1926, and 169 to April 1st, 1925.

Small Animals: Beavers, marten, otter, mink, weasel, fox and lynx have been abundant this winter as usual throughout the park. Woodchucks and ground squirrels (picket pins) have been numerous in the Mammoth-Gardiner district since early in the month. Raymond B. Siggins, trapper in the Upper Yellowstone district south of the park, reports the following catch during the winter season: Marten 35, coyotes 3, fox 2. There was very little trapping on areas bordering the park this year.

Water Fowl: Increasing numbers of geese and ducks are now frequenting the waters of the Yellowstone and Madison Rivers and tributary streams.

Birds: The following spring birds have appeared in the Mammoth-Gardiner district and along the Yellowstone River between Gardiner and Hellroaring Station: Kildeers, flickers, waxwings and bluebirds. The Cassian purple finches are becoming more numerous and considerable numbers of red winged blackbirds have been observed, Robins have also arrived. Kingfishers have been observed along the warm streams throughout the winter and their numbers have greatly increased during the past few weeks.

Antelope: The count secured at the close of the month was 430. The largest count secured in February was 442. The largest count of the season consisting of 525 was secured on December 27th. There are approximately 750 in their winter range outside the park. The reported losses this season consist of 8 killed by coyotes, 4 winter kills, a loss of 2 from accidents and 5 unaccountably killed by hunters, total 17. Unaccounted reports of antelope drift to the lower elevations are seemingly supported by the reports of the latest counts. We are unable at this time to definitely determine or describe these reports.

Notes: There is nothing of interest to report at this time.

Antelope - Lower River Herd: The Chief Buffalo Keeper reports 137 calves in corral and 15 adults on the feed ground at the close of the month. Feeding will be concluded on or about April 15th. Four hundred and thirty-six tons of hay have been fed. There has been some tendency to drift and a herd of more than 100 is now ranging the hibernating slope. The herd is in excellent condition.

Antelope - Gold-Creek Indian Creek Herd: There is nothing of interest to report at this time.

Deer: Deer were reported out of hibernation at Old Spring and Lakota Hot Springs on March 8th. They have since appeared at Lake Canyon and Lewis and also Tower Falls. The captive bear came at headquarters was the first to appear. Daily visits to the garbage cans at the headquarters community began on the evening of March 30th.

Proctory: Seventeen coyotes were killed by rangers during the month, which, together with 28 previously reported, makes a total of 45 this season to date, as compared with 226 prior to April last year. 28 in 1927, and 192 to April 1st, 1928.

Wild Animals: Beavers, marten, otter, mink, weasel, fox and lynx have been abundant this winter as usual throughout the park. Woodchuck and ground squirrels (pocket pine) have been numerous in the Mammoth-Gardiner district since early in the season. Ground Squirrels, marten in the Upper Yellowstone district made up the park reports the following counts during the winter season: Ground Squirrel 1,000. There was very little trapping on areas covering the past year.

Water Foot: Increasingly numbers of geese and ducks are now being counted the waters of the Yellowstone and Indian Rivers and tributaries.

Birds: The following spring birds have appeared in our country: Gardner Heron and along the Yellowstone River between Gardner and Fall-Routing Station: Kingbirds, flickers, waxwings and chickadees. The Cassin purple finches are becoming more numerous and considerable numbers of red-winged blackbirds have been observed. Robins have also arrived. Kingbirds have been observed along the warm streams throughout the winter and their numbers have greatly increased during the past few weeks.

Buffalo and Other Ranch Operations: Operations at Buffalo Ranch have consisted principally of the care and feeding of the herd and the care and keep of team and saddle horses. One hundred and ninety-three tons of hay were fed. Four hundred eighty six tons have been fed at Buffalo Ranch this season to date. Approximately 400 tons have been fed to elk and deer from the Gardiner and Slough Creek Ranches. Feeding was concluded at the Gardiner Ranch on the 7th and at the Slough Creek Ranch on the 30th.

Rangers fed 13 tons of hay to the Park Service and ranger horses at the Game Preservation Ranch during the month. Other activities have consisted mostly of services as caretakers of the ranch properties.

480 - Natural Phenomena

Mammoth Hot Springs: During the greater part of March we have been favored with very excellent weather but for the past week we have had rain, hail, fitful winds and snow. Traveling over the hot spring area was rather difficult due to the slippery formations underneath the light covering of snow. The most noticeable change in the activity of the springs at Mammoth this month is an increase of from fifty to seventy-five percent in the amount of overflow at Angel Terrace. The temperature of the water is exactly what it was last month but the area covered is more than doubled. Old Angel, on the terrace above, maintains about the same activity. Glen Spring, near here, is livening up and so are the small springs along the Terrace Trail at this point. There is a slight increase in the area covered by the overflow at Cleopatra Terrace and also at Orange Spring Mound. In general, the outlook for the summer's activities is splendid as it is apt to be at this season of the year. A careful search was made of every nook and cranny of Devils Kitchen for bats but they have not yet returned from the south. And, as yet, there have been no birds caught by the gases at Stygian Caves. Very few signs of wild life were noted with the exception of five killdeer plovers, the first seen near Mammoth this season. A few noisy squirrels were observed playing tag over the snow and through the treetops.

Lower Geyser Basin: On March 11th a trip was made to Lower Geyser Basin from Old Faithful Station. It was noted that the Fountain Paint Pot was still extremely active and the color at the north end appears to be much brighter in winter than in summer. All during the winter it has been active over nearly twice the area that it covered during the summer months.

Midway Basin: At Midway Geyser Basin Flood Geyser was observed to erupt, both in January and March. It played to a height of 10 to 15 feet for a period of about 45 minutes each time. No observation has been made as to its interval.

Upper Geyser Basin: Entering Upper Geyser Basin from the north one may be fortunate enough to observe Artemisia Geyser which plays to a height of 30 to 40 feet at 24 hour intervals. This display occurs in the midst of one of the most beautifully colored and fretted formations in the region.

Buffalo and Other Ranch Operations: Operations at Buffalo ranch have consisted principally of the care and feeding of the herd and the care and keep of team and saddle horses. One hundred and ninety-three tons of hay were fed. Four hundred eighty six tons have been fed at Buffalo ranch this season to date. Approximately 400 tons have been fed to six and seven farms the Gardner and Lynch Creek ranches. Feeding was continued at the Gardner ranch on the 7th and at the Lynch Creek ranch on the 20th.

Hay was fed in tons of hay to the Park Service and Ranger Station at the Game Preservation Ranch during the month. Other activities have consisted mostly of services as caretakers of the ranch properties.

400 - Natural Phenomena

March 1st Spring: During the greater part of March we have been favored with very excellent weather but for the past week we have had rain, hail, sleet and snow. Traveling over the hot spring area was difficult due to the slippery formation. The most noticeable change in the activity of the spring of March this month is an increase of from fifty to seventy-five percent in the amount of overflow at Angel Terrace. The temperature of the water is exactly what it was last month but the area covered is more than doubled. Old Angel, on the terrace above, maintains about the same activity. Glen Spring, near here, is livelier up and so are the small springs along the Terrace Trail at this point. There is a slight increase in the area covered by the overflow at Cleopatra Terrace and also at Orange Spring mound. In general, the outlook for the summer's activities is splendid as it is apt to be at this season of the year. A careful search was made of every nook and cranny of Wally's Kitchen for bats but they have not yet returned from the south. And, as yet, there have been no birds caught by the gases at Wally's Kitchen. Very few signs of wild life were noted with the exception of five Killdeer plover, the first seen near Wally's this season. A few noisy scintilla were observed playing tag over the area and through the treetops.

Lower Geyser Basin: On March 1st a trip was made to Lower Geyser Basin from Old Spring Station. It was noted that the fountain which has been still extremely active and the color of the water appears to be much lighter than in winter. All water in summer it has been noted over twice in the area that it covered during the summer months.

Wally's Basin: At Wally's Geyser Basin there was observed an eruption on 1st in January and March. It played to a height of 10 to 15 feet for a period of about 45 minutes each time. No observation has been made as to the duration.

Upper Geyser Basin: Watering Upper Geyser Basin from the north was very fortunate enough to observe Arctostaphylos which plays to a height of 20 to 30 feet at 24 hour intervals. This display occurs in the night of one of the most brilliantly colored and fetted formations in the region.

Daisy, Riverside, Crotto, Rocket, Oblong, Grand, Castle and Lion Geysers have all been playing regularly and on schedule. Liberty Pool which has been inactive all winter has, since the 7th of March, been spurting to a height of 4 to 6 feet.

The water level in several of the pools and geysers has risen since the first of March, following more abundant ground water, this is especially noteworthy in Teakettle Spring and Lioness Geyser where it has risen over a foot in each case.

There have been three eruptions of Giant Geyser during March. They were the only ones since January and occurred on the 5th, 13th and 30th.

Beehive and Giantess Geysers have always been reputed to erupt together but observations during the past few years do not bear out this theory. Giantess has been quiet all winter and Beehive has played twice during March without any effect on the Giantess and without lowering the water level of any of the springs and pools on Geyser Hill. The first eruption of the Beehive occurred on March 7, when it played to a height of 200 feet for 5-1/4 minutes, and on March 23rd it played to a height of about 150 feet for 4-3/4 minutes. It has been spurting out over the rim all winter but has not erupted before since last season.

Old Faithful is playing almost exactly on schedule, erupting to a height of 130 to 150 feet very close to each sixty minutes. This is about ten feet higher each eruption than it averaged last month. The minimum interval for the month was 54 minutes and the maximum 68 minutes.

500 - Use of Park Facilities by the Public

510 - Increase or decrease of travel

All entrance and exit travel during the month was via the North Gateway. This travel consisted principally of visiting clergymen, salesmen, business callers and friends of local residents. Winter season visitors are not registered upon entering or leaving the park but the travel as observed and noted by the ranger in charge at the Gardiner Gateway is reported as follows: North Entrance 52 cars, 131 visitors. The pre-season travel at the close of March this year consists of 2297 visitors traveling in 825 cars as compared with 1438 visitors in 525 cars prior to April 1st last year and 610 visitors traveling in 164 cars prior to April 1st, 1926.

520 - General Weather Conditions

521 - In the park

The average temperature for the month is a few degrees above the normal. No extreme temperatures occurred. The highest was 57 on the 21st, the lowest -5 on the 1st.

Wells, Riverside, Grafton, Locust, O'Brien, Grand, Cassin and Lion
Geysers have all been piped regularly and on schedule. Liberty Pool which
has been inactive all winter has, since the 7th of March, been reported to a
height of 4 to 6 feet.

The water level in several of the pools and geysers has risen since
the first of March, following more abundant ground water. This is especially
noticeable in Westcott's Spring and Linnæus Geysers where it was down over a
foot in each case.

There have been three eruptions of Giant Geysers during March, they
were the only ones since January occurred on the 5th, 13th and 20th.

Inactive and dormant Geysers have always been reported to erupt so-
metimes but observations during the past few years do not bear out this theory.
In fact has been quiet all winter and Geysers has piped twice during March
without any effect on the Geysers and without lowering the water level of any
of the springs and pools on Geysers Hill. The first eruption of the inactive
occurred on March 7, when it piped to a height of 100 feet for 1-1/2 minutes,
and on March 13th it piped to a height of about 150 feet for 4-1/4 minutes.
It has been reported out over the rim of winter but has not erupted before since
last season.

Old Geysers is piping almost exactly on schedule, erupting to a height
of 130 to 150 feet very close to each six minutes. This is about the highest
each eruption since it averaged last month. The minimum interval for the month was
4 minutes and the maximum 6 minutes.

100 - Use of Park Facilities by the Public

110 - Increase or Decrease of Snow

All entrance and exit travel during the month was via the North entrance.
The travel consisted principally of visiting clergymen, scientists, business
men and friends of local residents. Winter season visitors are not reported
non entering or leaving the park but the travel is reported as follows: TOURS
under in charge of the National Geographic is reported as follows: TOURS
in cars, 141 visitors. The program was held at the same place as last year
late of 1937 visitors traveled in the cars as reported in this report in
1938 cars before to 1937. 141 cars and 141 visitors traveling in the cars
prior to April 1st, 1938.

120 - General Weather Conditions

121 - In the Park

The extreme temperatures for the month is a few degrees above the normal.
The extreme temperatures occurred. The highest was 57 on the 21st. The lowest -
the 1st.

Considerable unsettled weather prevailed during the month with precipitation on 17 days. Snowfall totaled 15.6 inches, or about 1 inch below the normal. The greatest amount on the ground during the month was 9.7 inches on the 1st; at the end of the month there were 4.0 inches. Snow depths varied considerably during the month and at the end of the third week following a period of rather mild temperatures and a moderate fall of rain only a few scattered drifts were left. During the remainder of the month 10.9 inches fell, 5.3 inches of this amount occurring on the 24th and 25th. About 75% of the normal precipitation was recorded.

The percentage of possible sunshine was slightly above the normal. There were 9 clear days, 7 partly cloudy, 15 cloudy, 13 with .01 or more of precipitation.

The wind movement was moderate with an average of 7.3 miles per hour. The maximum velocity, 29 miles per hour from the southwest, is one of the lowest on record for this month.

521 - Snow Depths: Snow depths throughout the park with comparative figures for 1927 and 1926 are noted as follows:

Station	Inches 1926	Inches 1927	Inches 1928
Buffalo Ranch	2	10	20
Soda Butte Cabin	4	20	16
Cooke City Station	35	52	52
Tower Falls Station	6	12	13
Old Faithful Station	18	48	33
Lake Station	23	44	42
Thorofare Cabin	26	55	59
Hellroaring Station	4	10	4
Norris Station	22	34	27
Canyon Station	37	47	45
Riverside Station	14	45	48
Gallatin Station	28	26	31
Sylvan Pass Station	18	48	47
Snake River Station	43	72	70
Bechler River Station	50	90	62
Upper Slough Creek Station	33	36	33
Lower Slough Creek Station		30	30

The average snow depths along the loop road between Yellowstone Lake and Mammoth Hot Springs as determined by measurements taken at all mile posts between these points, time March 29th to April 1st, is as follows: Lake to Canyon 41.7 inches; Canyon to Norris 53.8 inches and Norris to Mammoth 35.5 inches.

There is 41 inches at Apollinaris Spring, 49 inches at Crystal Spring and 40 inches at Twin Lakes. There is 60 inches on Blanding Hill and on the

Considerable unseasoned weather prevailed during the month with precipitation on 17 days. Precipitation totaled 11.6 inches, or about 1 inch below the normal. The greatest amount on the ground during the month was 2.7 inches on the 1st; at the end of the month there were 4.0 inches. These figures varied considerably during the month and at the end of the third week following a period of heavy and temperatures and a moderate fall of rain only a few scattered drizzles were left. During the remainder of the month 10.9 inches fell, 3.2 inches of this amount occurring on the 24th and 25th. About 70% of the normal precipitation was recorded.

The percentage of possible sunshine was slightly above the normal. There were 9 clear days, 7 partly cloudy, 15 cloudy, 13 with .01 or more of precipitation.

The wind movement was moderate with an average of 7.3 miles per hour. The maximum velocity, 29 miles per hour from the southwest, is one of the lowest on record for this month.

521 - Snow depths: Snow depths throughout the past week compared with figures for 1927 and 1928 are noted as follows:

Station	1928	1927	Inches
Lower Rough Creek Station	30	30	30
Upper Rough Creek Station	30	30	30
Beckler River Station	30	30	30
Snake River Station	30	30	30
Sylvan Pass Station	30	30	30
Calista Station	30	30	30
Riverside Station	30	30	30
Canyon Station	30	30	30
Harris Station	30	30	30
Hollowing Station	30	30	30
Thornton Station	30	30	30
Lake Station	30	30	30
Old Kettle Station	30	30	30
Tower Falls Station	30	30	30
Hooker City Station	30	30	30
Lower Snake Station	30	30	30
Kettle Lake Station	30	30	30

The average snow depths along the loop road between Tiltonville Lake and Bessie's Hot Springs as determined by measurements taken at all the posts between these points, also March 20th to April 1st, is as follows: Bessie's 20.2 inches; Lake to Canyon 11.7 inches; Canyon to Harris 24.8 inches and Harris to Tiltonville 20.2 inches.

There is 41 inches at Tiltonville Spring, 49 inches at Upper Hot Springs and 40 inches at Twin Lakes. There is 40 inches on Hanging Hill and on the

Norris Canyon Divide. The Trout Creek drift between Canyon and Lake is 100 yards long and 92 inches deep. There are 4 other drifts with a total length of about 100 yards and depths ranging from 72 to 92 inches. The following snow depths in the south district, with water content have been noted as follows:

<u>Location</u>	<u>Snow Depth</u>	<u>Water Content</u>
Aster Creek	84 inches	32.5 inches
Colter Creek	72 inches	23.5 "
Seven Mile Post north of Snake River	120 "	47. "

Depths at other points are noted as follows:

Cascade Creek Cabin 126 inches, Two Ocean Plateau 81 inches, Fox Creek 69 inches, Cub Creek 75 inches, Cache Creek Divide 76 inches, North Boundary at Upper Slough Creek 43 inches, Crevice Mountain 42 inches, Grayling Cabin 56 inches, and South Riverside Cabin 84 inches.

900 - Miscellaneous

Hospital and Medical Service: Dr. Anderson reports 25 office calls and 113 house calls during the month.

Post Office: The business of the office was normal during the month. Notice was received of the decision of the Post Office Department to establish five contract postal stations in the park to take care of the service during the tourist season - these to be under the jurisdiction of the main office at Park Headquarters, and to be located at Old Faithful, Lake Station, Fishing Bridge, Canyon Junction, and Tower Fall. Exact names of stations to be announced later. Under instructions from the Department, advertisements were posted for space for these stations. The announcement also included the establishing of a Star Route service to supply the five new stations, taking the place of the summer carrier service that has been maintained around the park heretofore.

Church Services: No religious services were held in the Park during the month of March. Rev. John F. Como, Episcopal minister from Emigrant, came to the Park to conduct his usual Sunday evening service on the evening of March 4th, but due to prevalence of diphtheria in the community and consequent quarantine of several families, it was not deemed advisable to hold any services. Rev. Como departed from Emigrant on March 12th for his new station in Kalispell, Montana, leaving this missionary district, which includes the Upper Yellowstone Valley and the Park, vacant for the time being.

Rev. Otto G. Ponath, Methodist minister from Pine Creek, called up over long distance and offered to come up for his usual once-a-month Wednesday night service, but was advised not to come due to the diphtheria quarantine.

Loria Canyon divide, the Trout Creek drift between Canyon and Lake is 100 yards long and 22 inches deep. There are 4 other drifts with a total length of about 100 yards and depths ranging from 75 to 82 inches. The following are the in the south district, with other contacts were noted as follows:

<u>Depth</u>	<u>Location</u>
52.5 inches	Lower Creek
53.5 "	Colter Creek
47 "	Seven Mile Post north of Snake River

Depths at other points are noted as follows:

Cascade Creek 125 inches, Two Ocean 125 inches, 81 inches, Fox Creek 62 inches, Cob Creek 78 inches, Ocean View 78 inches, North Boundary at Upper trough Creek 48 inches, Upriver 62 inches, Graying Cabin 26 inches, and South 26 inches.

900 - Miscellaneous

Medical and Medical Service: Dr. Anderson reports 23 other calls and 113 horse calls during the month.

Post Office: The business of the office was normal during the month. Notice was received of the decision of the Post Office Department to establish five contract postal stations in the Park to take care of the service during the tourist season - these to be under the jurisdiction of the main office at Park Headquarters, and to be located at Old Faithful, Lake Station, Fishing Bridge, Canyon Junction, and Tower Fall. Exact names of stations to be announced later. Under instructions from the Department, advertisements were posted for bids for those stations. The announcement also included the establishing of a Star Route service to supply the five new stations, pending the place of the former contract service that has been maintained around the Park perimeter.

Division Service: No special services were held in the Park during the month of August. Rev. John F. Wood, Episcopal minister from Collierville, came to the Park to conduct his usual Sunday service on the evening of August 23rd, but due to prevalence of typhoid in the community and consequent quarantine of several families, it was not deemed advisable to hold any services. Rev. Wood departed from Salmon on August 15th for his new station in Tailsville, Montana, leaving the missionary district, which includes the Upper Yellowstone Valley and the Park, vacant for the time being.

Rev. Otto O. Tomath, Methodist minister from Pine Bluff, called up over long distance and offered to come up for his usual once-a-week Wednesday night service, but was advised not to come due to the typhoid quarantine.

Izaak Walton League of America: A special meeting of the Yellowstone Park chapter was held on the evening of March 12th. The purpose of the meeting was to elect chapter officers for the current year. Dorr G. Yeager was elected President, Marguerite Lindsley, 1st Vice President, Joseph Douglas, 2nd Vice President, Sam T. Woodring, Director, Mrs. Julia S. Woodring, Secretary, and C. A. Lindsley, Treasurer. Edmund J. Sawyer and Julius L. Greer were selected as delegates from the local chapter to the National Convention which will be held at Omaha, Nebraska, on April 19th to 21st. We have a chapter membership of 80 at this time which is the second largest in the State. Mr. Greer of the local chapter is President of the State Division.

Very truly yours,

M. F. Daum
Acting Superintendent.

AEG

Local Chapter of the Yellowstone
The local chapter is president of the state division.
of 80 at this time which is the second largest in the state. In view of
held at Boise, Idaho, on April 17th to 19th. We have a chapter meeting
as delegates from the local chapter to the National Convention which will be
U. S. Mining, Treasurer. James L. Sawyer and John L. Brown were selected
President, Sam F. Sawyer, Director, Mrs. John L. Sawyer, Secretary, and
President, Margarette Johnson, for the President, Joseph Sawyer, and Vice
was to elect chapter officers for the current year. Mr. L. Sawyer was elected
work chapter was held on the evening of March 15th. The purpose of the meeting

Very truly yours,

E. L. Sawyer
Mining Department.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

YELLOWSTONE National Park for the Month of MARCH, 1928.

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
<u>PRIVATE TRANSPORTATION:</u>						
Cars first entry	52	825	46	525	300	57
Cars reentry						
Motorcycles						
Total motor vehicles	<u>52</u>	<u>825</u>	<u>46</u>	<u>525</u>	<u>300</u>	<u>57</u>
Persons entering via motor vehicles	131	2287	139	1438	849	59
Persons entering via other private transportation						
Total persons entering via private transportation						
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages ..						
Persons entering via trains ..						
Persons entering otherwise ...						
Total other transportation.						
<u>GRAND TOTAL ALL VISITORS</u>	<u>131</u>	<u>2287</u>	<u>139</u>	<u>1438</u>	<u>849</u>	<u>59</u>

	This Year	Last Year	Increase	
			Number	Percent
Automobiles in public camps during month				
Campers in public camps during month				

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

..... National Park for the Month of

Location	Number	This Month		Last Year	
		To Date	Year	To Date	Year

PRIVATE TRANSPORTATION:

.....	52	825	46	525	300	57
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OTHER TRANSPORTATION:

.....	131	2287	132	1418	849	29
-------	-----	------	-----	------	-----	----

Total persons entering via private transportation

GRAND TOTAL ALL VISITORS:

.....	131	2287	132	1418	849	29
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Total other transportation

.....	131	2287	132	1418	849	29
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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

~~YELLOWSTONE~~ National Park for the Month of ~~APRIL~~, 1928.

	This Month	This Month Last Year
Number of employees beginning of month,	69	65
Number of additions,	0	1
Total,	69	66
Number of separations,	0	0
Number of employees close of month,	69	66

Number of promotions during month	0	2

Aggregate amount of annual leave taken,	61½	92
Aggregate amount of sick leave taken,	81	23
Aggregate amount of leave without pay,	33	5½

10-15a
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE

S T A T U S O F P E R S O N N E L

..... National Park for the Month of

This Month Last Year	This Month	
62	62	Number of employees beginning of month,
1	2	Number of additions,
62	62	Total,
0	0	Number of separations,
66	62	Number of employees close of month,

2	0	Number of promotions during month

92	61 1/2	Aggregate amount of annual leave taken,
82	61	Aggregate amount of sick leave taken,
14	13	Aggregate amount of leave without pay,

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

~~YELLOWSTONE~~ National Park for the Month of MARCH, 1928

	This Year	Last Year
Park revenue on hand beginning of month,	None	None
Received,	\$ 6.67	\$ 165.27
Total,	\$ 6.67	\$ 165.27
Remitted,	\$ 6.67	\$ 165.27
On hand close of month,	None	None

Park revenues received this year to date,	\$ 237,185.80
Park revenues received last year to date,	\$ 216,297.72
Increase,	\$ 20,888.08
Percent of increase,	9

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

National Park for the Month of _____

On hand close of month,	Remitted,	Total,	Received,	Park revenue on hand beginning of month,
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

YELLOWSTONE

National Park for the Month of **MARCH, 1928.**

	This Month	This Month Last Year	Increase	Percent Increase
LOCAL BUSINESS				
Miles of circuit maintained,				
No. of telephones connected,				
No. of measured service calls,				
No. of other local calls,				
Total No. of local calls,	6090	5816	274	5
Peak load in calls per day,	438	309	129	42

Receipts from measured service calls,	
" " coin boxes,	
" " telephone rental,	

TOTAL RECEIPTS

LONG DISTANCE BUSINESS

No. Outbound calls,	68	41	27	65
No. Inbound calls,	90	79	11	14

TOTAL LONG DISTANCE CALLS

Peak load in calls per day,	10	12	2	-16
Receipts from Long Distance business,	\$53.55	\$20.27	\$33.28	

1 of this revenue accrues to the Mountain States Telephone & Telegraph Company.)

TELEGRAPH BUSINESS

Messages via Western Union,	
Messages via	

TOTAL MESSAGES

Receipts from telegraph business,	
No. of money transfer messages,	
" " " " receipts,	

TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPTS-

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

National Park for the Month of _____, 1928.

Percent Increase	Increase	This Month Last Year	This Month	
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LOCAL BUSINESS

				No. of local calls per day
42	129	100	125	of local calls
2	171	100	100	of other local calls
				of measured service calls
				of telephones connected
				of circuit maintained

				telephone rental
				coin boxes
				receipts from measured service calls

TOTAL RECEIPTS

LONG DISTANCE BUSINESS				
				Inbound calls
14	11	79	80	Outbound calls
27	27	41	42	TOTAL LONG DISTANCE CALLS

				Receipts from Long Distance business
-12	5	12	10	Receipts from Telegraph business
				Receipts from money transfer messages
				Receipts from telegraph business

TELEGRAPH BUSINESS

				Messages via Western Union
				Messages via
				TOTAL MESSAGES

				Receipts from telegraph business
				of money transfer messages
				Receipts

TOTAL RECEIPTS TELEPHONE & TELEGRAPH BUSINESS

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ELECTRICITY GENERATED, SOLD, USED, ETC.

YELLOWSTONE National Park for the Month of MARCH, 1928.

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for	
					Travel Number	Year Percent
Current generated,	54880.	574260.0	48142.0	545032.0	29228	5
Sold to park operators, . . .	382.9	78942.7	232.5	79838.4	- 895.7	-1
Sold to others,						
Furnished to other Governmental agencies,						
Used by National Park Service, lost in transit, etc., . . .	54497.1	495317.3	47909.5	465193.6	30123.7	6
Total current generated, . .	54880.0	574260.0	48142.0	545032.6	29228.0	5

Amount receivable from the sale of electricity, \$ 19.14

* Indicated by K. W. H.

May 4, 1928.

Dear Mr. Director:

The following is my report on the activities of the National Park Service during the month of April, 1928:

000 - General

Superintendent Albright spent the month enroute to and in Washington and the West in connection with his duties as Assistant Director (Field). He left San Francisco on March 15 for Los Angeles and remained there until the 17th. He spent the 19th and 20th at Grand Canyon, the 21st and 22nd at Carlsbad Cave National Monument. He was in Kansas City on the 23rd, for the evening; arrived at Chicago on the 24th and reached Washington on the 25th. From March 25 to April 17 he was in Washington and New York, spending the period from April 2 to 6 in New York. On his return to Washington on April 6 he stopped in Philadelphia. On April 3, he addressed the Conservation Department of the New York Federation of Women Clubs at Seneca Park Auditorium on "The Rockier River Region in Yellowstone National Park." While in New York, he conferred with George B. Pratt and others on the Northern elk problem, the purchase of land, H. R. No. 15, and with John D. Rockefeller, Jr., on cleanup of roadsides, etc. On the 3rd, he attended a conference at the Yale Club in New York with S. J. Hamlin, president of the American Association of Museums, Dr. H. C. Bumpus, Jr. Frank R. Costler, Mr. L. V. Coleman, Secretary of the Museum Association, Kenneth Sherley, of the Laura Spelman Rockefeller Memorial, Mr. Mather, and Mr. Cammerer, on the new Yellowstone Museum for which one hundred twelve thousand dollars is available.

In Washington, attention was given to personnel and finance problems, 1930 estimates, etc. He appeared before the Budget Director on H. R. 15, Mr. Leavitt's Elk Refuge Bill, and on Mr. Winter's Jackson Hole Refuge Bill, carrying out the recommendation of the Elk Commission. On April 10, he appeared before the House Committee on Public Lands on several park bills and on April 4, before the Senate Committee on Public

lands on the Horbeck bills to extend Yellowstone Park and add the Tetons. On April 16 he appeared before the same Senate Committee on H.R. 15, to provide funds to buy land north of the park for elk feeding grounds. He left Washington on April 17th and arrived in Chicago on the 18th to discuss Yellowstone affairs with railroad officials. On the 19th he arrived in Omaha to attend the annual convention of the Isaac Walton League. On April 23 he arrived in Cheyenne to attend to Yellowstone business with State officials. He returned to Yosemite National Park on the 27th.

Assistant Superintendent Merrill F. Dunn was Acting Superintendent during his absence. Mr. Joffe has been in charge of the administrative side of the office during the month.

Road Conditions: There has been no motor travel within the park during the month except between the north entrance and park headquarters but conditions are now favorable for an early opening of the road between Mammoth Hot Springs, Madison Junction, Old Faithful and West Yellowstone. The road from headquarters to Buffalo Ranch will also be opened to motor travel within a few days. Information concerning approach roads is as follows: Livingston to north entrance good; Ashton, Idaho, to West Yellowstone open from Ashton to Continental Divide; remainder to be opened within a few days; West Gallatin highway opened from West Yellowstone to Duck Creek and from Gallatin Ranger Station to Roseum. Motor travel on the Cody road has reached a point within 7 miles of Sylvan Pass Station. The snow is rapidly disappearing and flood water conditions prevail; much of this road has been badly damaged by heavy hauling.

150 - Equipment and Supplies

Storehouse employees with the help of the Master Plumber and Master Electrician completed the consolidation of our general storehouse and the plumbing and electrical storerooms. Heretofore the latter two storerooms have been operated by Department heads and have been separated from the main storehouse. This necessitated considerable addition to the number of bins in the general storehouse to accommodate the supplies and materials from these two departments.

170 - Plans, Maps and Surveys

The work of this department consisted of general office routine, estimates of work, plans, cost data, etc.

180 - Circulars, placards, publicity bulletins, etc.

Vol. 5, No. 4, of Nature Notes was issued during the month; also Office Circulars Nos. 1, 2, 3, and 4 attached.

200 - Maintenance, Improvements and New Construction

Road Maintenance: No work was done on road maintenance this month.

Maintenance - Buildings: The usual repairs to buildings was made by the carpenter-foreman.

Carpenter Shop: The carpenter-foreman and helper have been used in the storehouse building bins and shelves and making other improvements during most of the month.

Electrical Department: The Chief Electrician besides helping consolidate the electrical and telephone storehouse with the general storehouse wired the exhibits in the museum, finished the wiring in the new quarters for Chief Ranger Woodring, put in an electric exhaust fan for the paint shop, wired the auto starting switch for the new air compressor in the garage and hung 500 feet of cable messenger line to consolidate several of our service lines and the usual building maintenance work.

Plumbing Department: The following work was done by this department during the month: Completing repairs to heating stoves and ranges; general maintenance to inside plumbing and heating systems; operating four steam heating plants and four hot water heating plants; moving entire stock of plumbing, heating and water system supplies to new storehouse; maintenance to water and sewer systems at Mammoth.

Garage: Mechanics worked on the usual truck and motor equipment; repair and other necessary maintenance on fixed equipment. There remains at the end of this month 8 F.W.B. trucks to be overhauled for the oil freighting fleet. These trucks will be built up from some 11 broken down trucks that have not been in use for the past year or two. Practically all other equipment that will be needed this year has been overhauled and is ready for the season's work. During the month the Master Painter and a helper lacquered two Graham gravel trucks, two touring cars and two other trucks.

Paint Shop: The Master Painter, besides working on the equipment as stated above, completed the second floor of Chief Ranger Woodring's quarters, completed the floors of the Erickson quarters and miscellaneous other painting and glazing jobs.

230 - Road Construction: No road construction this month.

240 - Improvement of Approaches to Park: The survey has been completed on the bridge across the Yellowstone River at the town of Gardiner at the north approach road to this park. Within the near future a contract will be let for the construction of this bridge and for the construction of most of the section between Gardiner and Corwin Springs.

Administrative - This section contains the following:

Legislative - This section contains the following:

Judicial - This section contains the following:

Administrative - This section contains the following:

Legislative - This section contains the following:

Judicial - This section contains the following:

Administrative - This section contains the following:

Legislative - This section contains the following:

Judicial - This section contains the following:

400 - Flora, fauna and natural phenomena

410 - Ranger Service

This service has consisted in part of regular and special patrols for the observation and protection of wild life and the natural features of the park, the care and maintenance of property and equipment, snow removal from buildings, observing and reporting water gage heights, precipitation, snow depths, temperatures, etc., winter season repairs and maintenance to telephone lines, wild animal and horse feeding and routine spring season work. This work has been under the immediate supervision of Chief Ranger Woodring and the Assistants Chief Park Ranger in charge of the various supervisory territories. The work of the Chief Ranger's office, consisting in part of report compilation, correspondence with applicants for ranger appointments, preparation of requests for appointments and all paper work connected with same, has been performed by Assistant Chief Ranger Greer. Blank forms, statistical charts and tables are also being prepared for use during the tourist season.

All ranger patrols in the various station districts have been promptly made and conditions are good throughout the park.

420 - Museum Service

Work for the month has been confined largely to the office and museum because of weather conditions. The museum exhibits have been changed in order to give more room and attain natural grouping. The contents of all cases have been removed, the cases cleaned and contents replaced. New labels have been installed in many cases. The complete wall exhibit of flowers have been taken down, new specimens attached to white cardboard, placed behind glass and remounted in the rack in a different portion of the museum. The model wild life groups are complete. They have been placed in series against one end of the museum. Lights have been installed in each group. The railing formerly around the mounted animals has been moved out giving an additional 40 square feet of space for these exhibits. Nature Notes for April was completed and 380 franked on the third of the month. The May issue is nearly complete and will be sent out in a few days. Ranger Naturalist Manual was completed and sent to Livingston Enterprise for binding.

470 - Animals

Wild animal and forage conditions are good. The snow is rapidly disappearing from all the lower elevations, fresh grasses are appearing and very few spring season losses have occurred.

Elk: There has been no unusual drift of the elk. Most of the bands are at elevations ranging from 6 to 7 thousand feet. Comparatively few weak and decrepit animals have been seen and losses during the month have been moderate. An effort was made to secure a full count of the northern herd on the 11th to 14th but conditions were very unfavorable. Large areas could be reached only by ski and snowshoe patrols. High winds, sharp temperatures and snow flurries, together with poor visibility generally

prevailed. Satisfactory counts were reported from very few localities and a recount will be made at an early date. The count is noted for record purposes as follows:

Actual count in park	6322	
Actual count on areas bordering the park (north side)	2637	
	<u>8959</u>	
10% added to actual counts	895	
	<u>9854</u>	
Callatin herd, estimated as last year	3000	
	<u>12854</u>	as compared with 17,347

at the close of February last year. Representatives of the Forest Service and State Game Department of Montana assisted with the count. There was a loss of 45 during the month. Total winter season losses to date 239, consisting of 20 bulls, 59 cows and 160 calves as compared with 440 to April 30th last year.

Deer: No unusual counts were submitted during the month. A loss of 7 winter kills were observed. The total losses this season exclusive of kills made by hunters are as follows: Killed by coyotes 38, winter kills 18, total 56, as compared with 61 at the close of April last year.

Antelope: The spring season drift of the antelope now extends to Buffalo Ranch. The herd appears to be in excellent condition. They are moving up along the Yellowstone as the snow recedes from the higher elevations and very few are now on their winter range outside the park. A band of 23 appeared at Buffalo Ranch on May 1st. This drift is not unusual in point of time.

Sheep: There is nothing of interest to report concerning sheep at this time.

Moose: Appearances of moose have been recently noted as follows: Two mile post south of Mammoth Hot Springs 2 cows, 2 calves and 1 bull, and 2 bulls near Cooke Ranger Station, 2 bulls near Sportsman Lake, 1 bull near Grayling Cabin and 1 bull at Lower Geyser Basin. Signs have been noted at numerous other points. There is every indication that they will be seen in their usual numbers at points along the loop road this season.

Buffalo - Lamar River Herd: The drift from the feed ground has been in progress since early in the month to points in the Slough Creek, Tower Falls and Hellroaring Districts. Considerable riding has been required to keep the drift under control and prevent movements beyond the park limits. Most of the herd is now assembled near the junction of Slough Creek and the Lamar River. Feeding of the herd was concluded on the 24th. The first of the 1928 calf crop arrived on the 17th and a total of 8 have been calved to date. A loss of one, an infirm and decrepit old bull, occurred from natural causes. Herd conditions are excellent.

Buffalo - Cold Creek-Pelican Creek Herd: There is nothing of interest to report at this time except that 27 were counted on the Pelican Creek meadows on a recent patrol from Yellowstone Lake to Cold Creek Cabin. Forage conditions were bad and the animals were thin and poorly nourished.

Bears: Bears of the black and brown variety are now seen almost daily in the vicinity of all stations along the loop road. Their spring season appearances are usually attended by minor depredations but no property loss or damage has been reported thus far. Signs of grizzlies have been observed in the Sportman Lake, Macfarlane and Peble Creek districts.

Predatory Animals: Nine coyotes were killed by rangers during the month, which together with 275 previously reported, makes a total of 284 thus far as compared with 238 at the close of April last year, 243 in 1926 and 172 in 1925.

Small Animals: There is nothing of special interest concerning small animals at this time.

Buffalo and Other Ranch Operations: The activities at Buffalo Ranch have consisted principally of the care and feeding of the herd, together with the care and keep of team and saddle horses and the maintenance and care of the ranch property. Buffalo feeding was completed on the 24th. The first calf of the season arrived on the 17th and 8 were counted at the close of the month. There were no activities at the Gardiner and Yancey Ranches during the month. The activities at the Slough Creek ranch consisted of horse feeding, cleanup and maintenance work. Ditch cleaning, repairs to fences, buildings and equipment will comprise the principal ranch activities for the month of May. A statement of the balance of hay on hand at each of the ranches and a full report of tonnage fed during the winter will be submitted in the May report.

430 - Natural Phenomena

Mammoth Hot Springs: Constantly shifting, the hot springs formations at Mammoth have undergone a noticeable change since the beginning of April. Nearly all of the snow has disappeared and the season is much farther advanced than at this time last year. Beds of miniature buttercups are blooming in the hollows beneath the pines where decaying needles have covered the travertine with a thin coating of loam. On a mossy bank near Soda Spring a few scattered, blue violets were in flower. At this point the ground, heated by subterranean steam and vapors, felt warm to the touch.

The most interesting thing noted was around the numerous vents and springs where a great deal of sulphur has been deposited by the vapors. The ground in these places had been rubbed and clawed and rolled upon. The tracks were all made by the soft pads and sharp claws of bears.

There were many deer but very few elk tracks. One dead mule deer was seen near the foot of Jupiter Terrace. There were no dead birds in Stygian Caves but one pink-sided junco was found in a smaller cave nearby. A large and very spiny porcupine was seen near Orange Spring. The garbage can at Devil's Kitchenette had been violently overturned as though some inquisitive brain had made an investigation.

Section 1 - General Provisions
The purpose of this Act is to provide for the better regulation of the business of insurance in this State and to protect the interests of the insured.

Section 2 - Definitions
As used in this Act, the following definitions shall apply: "Insurer" means any person who is licensed to do business as an insurer in this State.

Section 3 - Licensing
No person shall be licensed as an insurer in this State until he has been examined and found qualified by the Department of Insurance.

Section 4 - Capital Requirements
Every insurer licensed in this State shall maintain a minimum net capital of one hundred thousand dollars.

Section 5 - Policy Requirements
Every policy issued by an insurer in this State shall contain the following provisions: (a) A statement of the amount of the premium to be paid by the insured; (b) A statement of the amount of the benefit payable in the event of death; (c) A statement of the amount of the benefit payable in the event of disability; (d) A statement of the amount of the benefit payable in the event of terminal illness.

Section 6 - Miscellaneous

Section 7 - Severability
If any provision of this Act is held to be invalid, the remainder of this Act shall remain in full force and effect.

Section 8 - Short Title
This Act may be cited as the Insurance Act of 1935.

Section 9 - Effective Date
This Act shall take effect on the first day of January, 1936.

As to the springs themselves, Orange Spring Mound is active on two sides and the small spring to the east is again showing considerable vigor. White Elephant Back Terrace is active at five points along its broad mound, giving a blotched appearance. Angel Terrace and Old Angel Terrace appear to be competing for honors in beauty, - both are lovely at the present time and both are increasing in size. The small "gusher" which was noted in this vicinity earlier in the month is entirely dry at present. Glen Spring is active and brilliantly colored.

Jupiter Springs and the Blue Springs have very noticeably decreased in the amount of water pouring forth during the month though the temperatures of most of them have not changed at all. Contrary to the general change the northernmost of the Blue Springs is nearly as active as it was in 1922 when it first made its appearance. The crack along Main Terrace is now entirely dry. Mound, Cleopatra, Hymen and Minerva Terraces remain much the same as they were at the end of last month, Minerva being the only one that is entirely dry.

Upper Geyser Basin: Ranger Baker, observer at Old Faithful, reports some variances from normal spring season activities. Brief notes on the principal geysers are submitted as follows: Castle, height slightly above normal, maximum 40 to 70 feet, duration 24 to 30 minute intervals, 2 to 3 days, as compared with 4 to 6 days during February and March. Giant, erupted during the night of April 18. It was not observed in action. Interval 19 days from previous eruption. Riverside has been active on a 7 to 8 hour interval; height 90 to 110 feet on the incline, duration 10 to 12 minutes. Daisy, interval 70 to 90 minutes, maximum height 80 feet, duration 2 1/2 to 2-3/4 minutes. Old Faithful, eruption at 60 minute intervals, duration 3 to 4 minutes, height 150 to 160 feet. Several eruptions of less than half the normal duration were observed. Grand, eruptions uniform on 10 to 12 hour intervals, duration 25 to 28 minutes, height 150 to 160 feet. Beehive, no eruptions since March 21st, violent spurtings, however, have displaced the pole over the orifice indicating an eruption at an early date. Geantoss, boiling violently to height of from 4 to 5 feet. More active than at any time this winter. Indications of an eruption within a few days.

490 - Miscellaneous

Izaak Walton League: The local chapter of the Izaak Walton League of America, now consisting of 80 members, was represented at the National Convention held at Omaha, Neb., by Mr. E. J. Sawyer, former Park Naturalist. Assistant Chief Ranger Julius L. Greer, also a member of the local chapter, attended the convention in his capacity as President of the Wyoming Division. Mr. Sawyer was accorded a place on the program with a chalk talk on the wild life of Yellowstone Park. His remarks and illustrations attracted a great deal of attention and many favorable comments were heard. Mr. Greer read an interesting and comprehensive report of Izaak Walton League activities in Wyoming. He was afterwards elected to the office of National Director for the three year term. Superintendent Horace M. Albright of the Yellowstone National Park was a visitor on the floor of the Convention on the afternoon of the 19th and upon being introduced by the chairman responded with appropriate remarks which received a most cordial response. Dr. Henry Baldwin Ward of Illinois is the new National President.

As to the other specimens, these have been in contact with the soil and the water in the same manner as the other specimens. The specimens have been in contact with the soil and the water in the same manner as the other specimens. The specimens have been in contact with the soil and the water in the same manner as the other specimens.

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Specimens

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500 - Use of Park Facilities by the Public

510 - Increase or decrease of travel

All entrance and exit travel during the month was via the Gardiner Gateway. This travel consisted principally of visiting clergymen, salesmen, business callers and friends of local residents. Winter season visitors are not registered upon entering or leaving the park but the travel as observed and noted by the ranger in charge at the Gardiner Gateway is reported as follows: North entrance, 58 cars; 145 visitors. The pre-season travel at the close of April this year consists of 2432 visitors traveling in 683 cars, as compared with 1585 visitors in 574 cars at the close of April last year and 827 visitors in 224 cars at the close of April 1926.

520 - General Weather Conditions

The temperatures for the month as a whole averaged somewhat below the normal. During the first three weeks subnormal temperatures were recorded on all but two days. The highest temperature was 66° on the 27th, the lowest -2° on the 8th. Only once before on record, for this month, has a temperature lower than -2° occurred. Cloudy and unsettled weather prevailed with precipitation on 21 days. Snowfall totaled 19.2 inches, more than twice the normal amount. On the 19th and 20th, 9.1 inches of snow fell, the heaviest fall during the month. The greatest depth on the ground during the month was 4.6 inches on the 20th. No snow remained on the ground after the 22nd. The amount of sunshine was normal. There were 2 clear days, 12 partly cloudy, 16 cloudy, and 15 with .01 or more precipitation. The wind movement was only slightly below the normal with an average of 7.7 miles per hour. The maximum velocity was 30 miles per hour from the southwest and occurred on the 2nd.

521 - Snow Depths:

Snow depths throughout the park with comparative figures for 1927 and 1926 are noted as follows:

Station	1926	1927	1928
	Inches	Inches	Inches
Lake	Drifts only	26	25
Snake River	" "	47	57
Sylvan Pass	" "	24	25
Riverside	" "	16	10
Gallatin	" "	15	19
Slough Creek, Upper Ranch	" "	16	12
Slough Creek, Lower Ranch	" "	12	10
Canyon	8 inches	28	22
Beckler	Drifts only	55	58
Cooke	" "	22	41
Old Faithful	" "	24	12

Snow depths at other points are noted as follows: Cascade Cabin 100 inches, Aster Creek 89 inches, Seven Mile Post north of Snake River Station 140 inches, Thorofare Cabin 58 inches, Cub Creek Cabin 68 inches, Mist Creek Divide

79 inches and Cold Creek Cabin 45 inches. The snow is rapidly receding in the central and northern areas of the park and flood water conditions prevail in all the streams. The roads from Gardiner and West Yellowstone to Old Faithful, Canyon and Yellowstone Lake will probably be opened to tourist travel on or about June 1st.

900 - Miscellaneous

Hospital and Medical Services: Dr. Anderson reports 29 house calls and 34 office calls during the month.

Post Office: The regular business of the office was normal for the month. During April bids were received for furnishing quarters and clerical help to handle five postal stations in the park, to be established for the tourist season at Old Faithful, Lake Outlet, Fishing Bridge Auto Camp, Canyon Junction and Tower Fall Auto Camp. Notice of awards have not yet been received. Notices inviting bids for a star route service to connect up these stations, were posted to be opened May 22nd.

Church Services: Easter service was held in the Chapel Easter evening, April 6th, by Rev. H. Cowley-Carroll, Episcopal minister from Livingston. English Lutheran services were held in the Lodge Room room Tuesday evening, April 10, by Rev. Webster H. Clement. Methodist services were held on Wednesday evening, April 18th, in the Lodge Room, by Rev. Otto G. Pomsath.

Very truly yours,

H. F. Damm
Acting Superintendent.

The Director,
National Park Service,
Washington, D. C.

432

of yellow dyeing it was in 1870. The dye is yellowish in
color and is used in the dyeing of wool and silk. It is
found in the roots of the plant and is used in the
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1870 - 1875

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Very truly yours,

J. A. Smith
Washington, D. C.

Washington, D. C.
January 1, 1875

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

YELLOWSTONE National Park for the Month of APRIL 1928

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
<u>PRIVATE TRANSPORTATION:</u>						
Cars first entry	58	883	49	574	309	54
Cars reentry						
Motorcycles						
Total motor vehicles	58	883	49	574	309	54
Persons entering via motor vehicles	145	2432	147	1585	847	53
Persons entering via other private transportation						
Total persons entering via private transportation	145	2432	147	1585	847	53
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages ..						
Persons entering via trains ..						
Persons entering otherwise						
Total other transportation						
<u>GRAND TOTAL ALL VISITORS</u>	145	2432	147	1585	847	53

	This Year	Last Year	Increase	
			Number	Percent
Automobiles in public camps during month				
Campers in public camps during month				

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

..... ~~TELEPHONE CALL~~ National Park for the Month of ~~APRIL 1928~~

	This Month	This Month Last Year
Number of employees beginning of month,	69	66
Number of additions,	2	1
Total,	71	67
Number of separations,	2	1
Number of employees close of month,	69	66

Number of promotions during month	0	0

Aggregate amount of annual leave taken,	77	183
Aggregate amount of sick leave taken,	8	11
Aggregate amount of leave without pay,	11	30

10-159
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE

S T A T U S O F P E R S O N N E L

..... National Park for the Month of

This Month Last Year	This Month	
66	65	Number of employees beginning of month,
2	2	Number of additions,
67	67	Total,
1	2	Number of separations,
66	65	Number of employees close of month,

0	0	Number of promotions during month

181	77	Aggregate amount of annual leave taken,
21	0	Aggregate amount of sick leave taken,
50	24	Aggregate amount of leave without pay.

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

YELLOWSTONE National Park for the Month of APRIL 1928

	This Year	Last Year
Park revenue on hand beginning of month,	000	000
Received,	127.53	21.66
Total,	127.53	21.66
Remitted,	127.53	21.66
On hand close of month,	00	21.66

Park revenues received this year to date,	\$237,313.33	
Park revenues received last year to date,	216,319.38	
Increase,	\$ 20,993.95	
Percent of increase,		10.3

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

National Park for the Month of ... APRIL 1926

	This Year	Last Year
On hand close of month	00	21.66
Remitted	227.27	21.22
Total	227.27	21.88
Received	207.22	21.66
Park revenue on hand beginning of month	000	21.66

Park revenues received this year to date	227.27.33	Park revenues received last year to date	216.719.38
Increase	10.553.95		
Percent of increase	4.87		

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

YELLOWSTONE National Park for the Month of APRIL 1928

	This Month	This Month Last Year	Increase	Percent Increase
--	------------	----------------------	----------	------------------

LOCAL BUSINESS

Miles of circuit maintained,	462	391	71	.18
No. of telephones connected,	146	141	5	.035
No. of measured service calls,				
No. of other local calls,				
Total No. of local calls,	6490	6838	-348	-.05
Peak load in calls per day,	343	342	1	.002

Receipts from measured service calls,				
" " coin boxes,				
" " telephone rental,				

TOTAL RECEIPTS

LONG DISTANCE BUSINESS

No. Outbound calls,	70	58	12	.20
No. Inbound calls,	115	116	-1	.008

TOTAL LONG DISTANCE CALLS

Peak load in calls per day,	14	12	2	.166
Receipts from Long Distance business,	\$50.38	\$26.56	\$23.82	8

(Part of this revenue accrues to the Mountain States Telephone & Telegraph Co.)

TELEGRAPH BUSINESS

Messages via Western Union,				
Messages via				

TOTAL MESSAGES

Receipts from telegraph business,				
No. of money transfer messages,				
" " " " receipts,				

TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPTS-

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

National Park for the Month of _____

This Month	This Month Last Year
------------	----------------------

TELEPHONE BUSINESS

No. of local calls per day	No. of local calls
No. of other local calls	No. of measured service calls
No. of telephones connected	No. of circuit maintained

TOTAL RECEIPTS

This Month	This Month Last Year
Inbound calls	Inbound calls
Outbound calls	Outbound calls

TOTAL LONG DISTANCE CALLS

Receipts from Long Distance business	Receipts from Long Distance business
Load in calls per day	Load in calls per day

TOTAL MESSAGES

Receipts from telegraph business	Receipts from telegraph business
Receipts from money transfer messages	Receipts from money transfer messages

TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPTS.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

~~YALLO-BUTTE~~ National Park for the Month of APRIL, 1928

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
Current generated,	51360	625620	45900	590932.0	34688.0	6
Sold to park operators,	1845.9	80788.6	1294.1	81132.5	-343.9	-0.4
Sold to others,						
Furnished to other Governmental agencies,						
Used by National Park Service, lost in transit, etc.,	49514.1	544831.4	44605.9	509799.5	35031.9	7
Total current generated,	<u>51360.0</u>	<u>625620.0</u>	<u>45900.0</u>	<u>590932.0</u>	<u>34688.0</u>	<u>6</u>

Amount receivable from the sale of electricity, \$ 92.29

* Indicated by K. W. H.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

National Park for the Month of _____, 19__

	This Month	This Month	This Month	Last Year	Last Year	Increase for Travel Year
	To Date	To Date	To Date	To Date	To Date	Percent
Total current generated,						
lost in transit, etc.,						
ed by National Park Service,						
gencies,						
rnished to other Governmental						
ld to others,						
ld to park operators,						
rent generated,						

Amount receivable from the sale of electricity, \$ _____

Indicated by K. W. H.

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

April 3, 1928.

CIRCULAR NO. 1

In view of the resignation of Mrs. Charles A. Brant as Chairman of the Yellowstone Park School Board, Dr. Howard C. Anderson is hereby appointed Chairman of the Board. Mr. A. C. Newmann will be the other member of the board. No third member will be appointed to fill out the school year. Beginning with the next school term three members will be appointed on the School Board.

M. F. Daun
Acting Superintendent.

REPUBLICAN PARTY
NATIONAL EXECUTIVE COMMITTEE
WASHINGTON, D. C.

April 2, 1954

MEMORANDUM

Re: [Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

Very truly yours,
[Illegible signature]

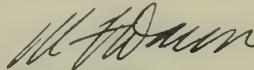
Yellowstone Park, Wyoming,
April 26, 1928.

CIRCULAR NO. 2.

Quarters assignment, as made in Circular No. 15, August 31,
1927, will be changed as follows:

Quarters formerly occupied by W. P. Webber are
assigned to Master Mechanic R. R. Robinson.

Quarters now occupied by ~~Master~~ Mechanic R. R.
Robinson are assigned to Foreman O. A. Weisgerber.



M. F. Deam,
Acting Superintendent.

WFD/b

Yolow...
April 22, 1952

GIORGIO NO. 2.

Director's assignment, as made in Circular No. 10, August 21,

1952, will be changed as follows:

Director's duties formerly assigned to W. F. [Name] are
assigned to Lester [Name] S. S. [Name].

Director's duties formerly assigned to Lester [Name] S. S. [Name]
are assigned to [Name] W. F. [Name].



W. F. [Name]
acting [Name]

10/2

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyo.

April 26, 1928.

CIRCULAR NO. 3.

Effective May 1st, the deduction for meals for all employees who eat regularly at any Government mess, either in Mammoth Hot Springs or in the park, will be at the rate of \$1.20 per day.

For those employees who take occasional meals, or for transients, the rate will be fifty cents per meal.

During the time of operation of the cafeteria or other privately operated eating places at Mammoth Hot Springs, no transients will be fed at the Government mess house.

All temporary employees, including the temporary rangers, who avail themselves of the Government mess, will be charged at the full rate, \$1.20 per day, whether or not all meals are taken.

M. F. Daum
Acting Superintendent.

Copies to:
Mr. Albright
Daum
Woodring
Dale
Edwin
Sprinkel
Eggen
Lord
Yeager
Bowman
Neumann
Wiggins
Robinson
McFarland
Mess House

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming

April 26, 1928.

CIRCULAR NO. 4:

Hereafter, all time sheet will be made out, approved and submitted by the department head. This includes time slips for all permanent as well as temporary employees. The time sheets for the administration office and telephone office will be kept by the Chief Timekeeper. Meals will be listed for the full month, in accordance with Circular No. 3.

M. F. Daum
Acting Superintendent.

Copies to:

Mr. Albright
Daum
Woodring
Dale
Edwin
Sprinkel
Eggen
Lord
Yeager
Bowman
Neumann
Wiggins
Robinson
McFarland



Bound by Dieter for 1.2.11.11

