









DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yellows tone ATIONAL PARK

FILE NO. 143

MONTHLY REPORTS

December, 1927

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This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge.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. rity of the official records.



January 10, 1928. Dear Sir: The following is my report for Besember on conditions in Yellowstone Mational Park, and on the activities of the Mational Park Service: 000 - General Superintendent Altright spent the entire month in California, in San Prancisco and Yosemite National Park, in connection with his duties as Assistant Director (Field). Assistant Superintendent Daum was Acting Superintendent of the Yellowstone in his absence. Mr. Danm has been Acting Superintendent since Mr. Albright's departure from the park on November 12th, and has had charge of the financial office and all outside activities. Assistant to the Superintendent Joffe has been in charge of the administrative side of the office. Road Conditions: Road conditions have been good between the North Entrance and park headquarters although snow depths at Mammoth have ranged from 6 to 82 inches during most of the month and a road grader was required to keep the streets and alleys open to auto travel. This work has extended from headquarters to the top of soap hill, distance about one mile. A rock slide occurred in the Cardiner canyon during the night of December 31st but travel has gone through without interruption. There has been no motor travel on the Tower Falls, Buffalo Ranch and Cooke City road since early in the month although the mail sleigh to Cooke City has gone through at fairly regular intervals. There was also some teaming with sleighs between the Buffalo Ranch and Gardiner, Montana during the second and third weeks of the month. All other roads have been closed to travel since November 23rd. 150 - Equipment and Supplies Storehouse and freighting empl yees were engaged in hauling of supplies from Cardiner to Mammoth and the issuing of supplies to the Ranger Department and other departments preparatory to winter work. At other times the entire force were used to build bins in enlarging the warehouse capacity. About 1,000 bins were built during the month. As the amount of issues were so small the time of keeping the storehouse open was limited to one hour per day. On the 16th one permanent employee was transferred from the storehouse to general work as it was felt that his services were no longer required in the operation of the storehouse durCOMMENT IN LITER.

PART NAME

The following is up rough for improve on a calling in the property of the U-times in the policy of the U-times in the policy of the U-times in the policy parties.

Comment - 000

Experience and Fermille No. 1 and Party In according to the Principal of the Principal of the State of the Principal of the State of th

not seemed been used another than the contract of the seemed of the seem

House the country can be seen of the country to the Square folls, Sedfold Cance and Seed Colly cance alone country to the country the country the country the country to the country the country of the country of the country of the country of the country the country of the coun

And I won the state of the last

and of endingers to make what you are some loss of the contract over any page to be added to antique to make and any the contract of the contr

ing the winter. 180 - Copies of circulars issued during the month are attached hereto. 200 - Maintenance, Improvements and New Construction Road Maintenance: There was no outside work this month on road maintenance. Maintenance - Buildings Carpenter Shop: Work has continued on the remodaling of the old warehouse into duplex apartments. The old hospital annex which is being remodeled into quarters at the same time was walled in and the painting started. Blectrical Department: The Chief Electrician completed the wiring of one set of duplex quarters second floor and worked the remainder of the month as relief operator in the power plant. A battery charger and a valve facing machine were set up in the garage and the necessary consections installed. Also rearranged the wiring in the storehouse to make room for bine, by installing a new switch cabinet. Paintshop: The Master Fainter refinished three rooms and the hall in the rear section of the bachelor quarters. He started work on the interior finishing of the new quarters in the hospital amnex. One room was completed. Four desks were refinished for the office while the different employees took leave. Many odd jobe of glazing and miscellaneous work was done between times. Carage: As practically all outside freighting has been discontinued. the winter work of overhauling our equipment was started in earnest. The rebuilding of the White truck was completed this month except for the body and cab work. Three motor gradors, one F.W.D. dump truck, one I. R. compressor, axes and other small tools, one grader, two dump wagens, 12 jackharmers, 4 freenes and 4 plows were repaired and overhauled. Plumbing Department: The following work was done by this department during the month of December: Completing the roughing in of plumbing and steam systems in Mr. Woodring's and Mr. Danm's new quarters; installing new hot water tank in Mr. Eggen's quarters; repairing plumbing in Judge Weldrum's quarters; general repairing to plumbing, heating, water and semer systems. 250 - Road Construction There was no road construction this month. Surveys: The survey crow which was out to two members last month was laid off in the middle of the month. During that time thay worked up their field notes and made plans and estimates of next season's work. - 2 -

AND NAME OF PERSONS

necessaries of otherships during the same are arthurst.

Self-Indetention of Angelessesses James Control with

Days on Aband mile from Wilson on the Print Description of Sand

matel of - seconds of

noted by the publishment and the Debug tree was dealy agreed and references and all debug and the publishment of our or advantage and the same and the publishment and

Controlled to design the Solar Clear and could be seen to the second of the second of

the cost section of the desired purchase of costs of the costs of the latest of the latest of the latest of the costs of the latest of the lat

Common of the state of average of a confined to the place of the state of the state

Simplified the source of squarement simplification who are not by this department of six and the same and the same and the same appears to the same against the same and the same and the same and the same and the same against th

sulfunction but - one

Share will be your discrepancy to the section

your resigner net of the new datum cost proper left properties on a part of the SASI was about a contract of the SASI was about a contract than to be tested the many about the safety that on the safety of the saf

Road Notes: In the December meeting of the Montana State
Righway Commission it was decided to construct the project from Corwin
north to the park the coming season. This will complete the section
from Livingston to the park. In addition there will be a section constructed north and south of White Sulphur Springs, Montana, which completes the Y.B.B. Line from this park to Glacier except for a short stretch
north of Livingston.

Reports from the Wyoming Nighway Commission state that they will spend \$675,000 for road maintenance this year. This will be divided into 185 miles of grading and 216 miles of surfacing. It is proposed to build from Pindalo to Hoback Rim and it is understood that the Forest Service will expend \$95,000 for the completion of the road through Moback C syon.

300 - Activities of other agencies in the park

311 - Character of service rendered to the public

Services to the public have consisted only of the general store at Numerth Not Springs which was patronized chiefly by local residents. This service has been satisfactory.

400 - Flora, fauna, and natural phenomena

410 - Renger service

Chief Hanger Woodring was activey in charge of all Protection Department activities during the month. The most noteworthy of these activities from the 1st to the 20th inclusive, consisted of daily patrols along the north boundary. Weather conditions at the close of November indicated an early and unusual alk drift to the lower elevations outside the park. The advance guard of this movement smermed from the park in small bands during the first week of the month; bands of from 100 to 300 were observed moving out as early as the 10th. The news spread like wild fire and within a few days the entire Cardiner District was in a state of siego. Five rangers and one Assistant Chief Ranger were detailed to the north line patrol. Their work consisted principally of the prevention of trespasses on park lands and serving as Deputy State Game Wardens on the hunting area adjoining the park. Assistant Chief Banger Trinchman assisted with 15 arrests in violation of the State game laws. Chief Ranger Woodring was directly in charge of the north line patrols except during an absence of S days (12th to 14th inclusive) on an official trip to Helena, Montana. He has been engaged since the 20th in routine work in the headquarters district including repairs and maintenance to pack and saddle horse equipment.

Assistant Chief Ranger Trischman, as previously stated, was continuously on duty on the north line patrol until the close of the hunting season on December 20th. He has since been absent on annual leave.

Company to the control of the second section of the project the second s

Topograph of the contract of t

they are not substance where he and first on the

ATTOM MIN OF ASSAURT MALES TO STREET, P. LET

AND DESCRIPT OF THE PERSON NAMED AND PARTY OF THE PARTY O

Old - Three, Sugge, and Salver I standard

Salverit beaut - Mile

SELFERRED AN DR. OF THE PARTY AND THE PARTY AND THE PARTY THE PROPERTY THE PARTY. Department of the particular for some all the south of the particular of the south spring the term of the large water and the contract of cold of the large of the large and the cold of graduated to send one to small the Third . graduated of the one and er Indep medicants what his ne plan its former has after an bedeather of the part of the party of the owner for the court of the last the court of OUR BY THE WIND NAME AND TAKEN OF THE PURCOS OF THE TAKE AND ASSESSED AND ASSESSED AS THE TAKEN AS THE TAKEN AND ASSESSED AS THE TAKEN BEDV BEEF RANGE ROSE BUT LATTE WHE HA TENDER HE SHE HARDES REVENUES BY to whate or the own daily the conducted work on the way or a fall to be party all of delifered other thought today theretake any day women and the same no hard the galact to the terms of the aller of the grant of the the manufacture of the same state of the state of the same of the method the adjusted for more instance than the property of the same of the sam metallik at the large of the country of the latest was here. Other hands IN A COURT SQUARE REPORT TO A COURT OF THE BOARD AND AND ADDRESS AND ADDRESS OF THE PARTY ADDRESS always of day (and finished by large fundamental of an official tally by the manual will have done those for managerical and an apparent hardward followers anythere of prompleton always in

ners and produce glassican as a context paper Yald tambeless particled had be part at affermall particled forms at the series and at the particle at the series and at the particle at the series and at the particle at the series and at the series and at the series at t

Assistant Chief Ranger Douglas as in charge of the west side patrols during the first three weeks of the south. He arrived at headquarters, via Madison Junction and Norris on the 24th and has since been on duty in the North District.

Assistant Chief Ranger Liek has been on telephone patrols and tours of inspection in the southern supervisory territory. He patroled from Lake Station to park headquarters arriving on the Slat and is now on route to Canyon, Lake and Snake River.

Assistant Chief Ranger Greer was absent on sick leave from the 9th to 21st inclusive; he has otherwise been engaged in report compilation, preparation of inventories, and estimates and correspondence with applicants for summer season ranger appointments.

The work of district rangers has consisted principally of regular and special patrols in their respective districts, repairs and maintenance to telephone lines, predatory animal hunting, snow removal from buildings, observing and reporting water gauge heights, and the readings of weather bureau instruments. Six rangers on temporary appointment skied or snow-shood from their respective stations to park headquarters early in the month in order to take the Givil Service examination. The examination was held on Becember 7th. The distance covered on this trip, from and to their respective stations, ranged from 96 to 175 miles. All regular patrols outlined in the winter season schedule of duties have been promptly made and conditions are good throughout the park.

470 - Animals

The winter olk range is now covered with enow depths ranging from 6 to 30 inshes. Very little crust has formed to date. Forage conditions are generally good and wild life conditions are excellent.

Blk: Very little drift has Leen observed to paints outside the park since the class of the hunting season on December 20th. There was an estimated total of 3,000 on the hunting area north of the park boundary at the close of the hunting season. The bands within the park are widely scattered throughout their entire winter range. There is approximately 1,000 within a radius of S miles of the Sardiner Ranger Station, 600 in the immediate vicinity of Namoth Hot Springs, 460 along Blacktail Decr Creek, 550 on Hellroaring slope, about 200 at hower Slough Creek, 500 along the mendows from Upper Slough Creek Renger Station to the north boundary of the park, 1,500 along the Lamar River from the canjon to the foothills of Mt. Norris. 250 along Soda Butte Creek from its junction with the Lemar Miv. r to Soda Butte cabin, 118 at the mouth of Pebble Creek and 35 in the vicinity of Cooke Ranger Station. Signs have been recently observed along Cache, Miller and Cold Creeks and the usual small bands have been recently observed along the Gibbon, Firehole and Madison Rivers; the total of these bands as last reported was 48, including 15 at Upper Ceyser Basin.

Approximately 800 of the Midison herd have been recently observed about 2 miles west of Grayling on the forest reserve. The ser to se the state of the same of the state of the series of the state of the series of the state of the series of the seri

tions of imposition in part became administ and as titricent put one time and include the personal firms and their analysis are the first and its new management as part became a part became a part became a part became an one that and its new as a part of the same as the part of the same as a part of the same as the part of the p

off much state this too boards now organ related to the place of the state of the s

The work property to their respective distribute, repolity and relationates and continuents to relationate to their respective distribute, and relationated to the relationate of resident distribute and required from health and relation of resident and relation and relation to the resident of resident and relation to their relationships and the relationships and the relationships and their relationships and the relationships and the relationships and relationships

Wanted - Did

The states which year oldy between our of space also raints and a series are applicable and a series and a series and a series are applicable and a series and a series and a series are a series are a series and a series are a series and a series are a series and a series are a series are a series and a series are a series are a series and a series are a series and a series are a series are a series and a series are a series are a series are a series are a series and a series are a

mak make they take the term anywhere to probably your take. purp place the claye of the hardener on moneys on the seal of the purpose of the continued from our to derive acres and had not been been depended as then you was you mit oddly clear out; money actions out to could not pe southered therefore their makin winter from the eperationally at 000 and the coldent of an and the contract formal statement and a the branches without of femous by opinion about the plant of the property of the party of the pa for , forth durall wound to the family again palesayitat on the green aledge the carbon area tipes where where many mark inches our last and a second and work of anyone pair were need bound and make board of any and in passance COURSELLE AT ME. PROFILE, ADD adong June Julius depose From the James Los allegands the boson mires to loss butto orbin, yis on the month of labble dress or need about these faces will be execute him bear well it quited make here tion recently sheetest when the oliton, itselfed on the test to be and the same time. torgal many is at mathetral , so was nothern and an elect a torgat -Siball

-de gibbenes and west heat southern and he for gistestamped acres where the company to the party of the party

The Gallatin herd is now assembled on the Game Preserve bordering the northwest corner of the park; most of the drift has occurred since the close of the first week of the month. The movement consisted of small bands moving down at irregular intervals during a period of about 2 weeks. No noteworthy counts have been submitted this season todate. All animals observed were in splendid condition.

The final counts of clk killed by hunters on areas bordering the park were submitted at the close of the hunting season as follows:-

Eunting area along the Yellowstone River north of the park (Crevice, Jardine, Gardiner and Reese Creek Districts and at points adjacent thereto

000		1000
Gallatin District		52
Sylvan Pasa District		50
Bechler River District		30
West Yellowstone District		26
Upper Slough Greek District		8
Upper Yellowstone District		4
Cooke City District		1
	Total	1691

As compared with 1090 in 1926; 394 in 1925; 622 in 1924 and 128 in 1923.

An estimated total of 1,000 were killed in the Jackson Hole District this year. We have no definite figures from this district; the estimate given is the same as last year.

The Yellowstone and Callatin herds are in excellent condition and no winter season losses have been observed.

Deer: The counts submitted at the close of November gave a total of 479. Additional counts secured during December are noted as follows: Hellroaring and Cottonwood Districts 128, Jackson Grade 11, and Upper Geyser Basin 21; total of the counts this season todate 739. The reported kills by hunters during the season of 1927 are noted as follows: - Rece Greek District 12, Gardiner-Crevice District 22, Gallatin District 11, Sylvan Pass District 35, Upper Yellowstone District 4, Gooke City District 1, and Upper Slough Creek District 3, total 88 which together with 9 illegally in the vicinity of Gardiner, Montana makes a grand total of 97 as compared with 110 during the hunting season last year.

Other losses have o curred this season as follows: coyote kills, Gardiner District 2, Mammoth District 1, and Hellroaring District 5, total 6 as compared with a loss of 5 from accident, 7 killed by coyotes and 4 from natural causes (total 16) at the close of December 31st last year.

Antelope: Our largest actual count of antelope this season was secured on December 29th. The total was 526. The count includes 42 in Tankse Jim Canyon, distance 13 miles from their winter range in the park and about 9 miles beyond their extreme winter drift of recent years. The

transport and Files are to feer pring and to wanted attended and property and Files are to feer pring and to wanted attended and partial and the color branch and to color branch and to color and the color and the

The family control of the Miller of business on areas landscore the

Marchest area along the twitter-tone litror corts of the part (freezes,

		The second secon
3,000		Divin
65		Service married
W.		deliver their service
30		THE PART WHAT THE PARTY TO
198		THE TAIRMETHE PERSONS
11.0		PLEASANT MOOR SENSOR THREE
100		Supplemental and the party of the latest and the la
5		FEBRUARY WEST WEST
THE	EMPHIE	

THE PARTY AND TH

when persons mir at 10.1124 areas 000.1 to fedot beforefully at our afaitrant with most around originals on sound of cross with antalent town feel at some and at arothy admitted

perfoliose dentificare no equi about migrafied para nandromified and an area characteristic and require content product an area.

Among the common promise of the object of forester and described as forester of the colors of the co

Order States to Summary States to Summary States of Stat

And of the court o

count al o included 105 on the Stoll property near Cardiner. Three hundred and seventy-nine were counted within the park. It is considered that a re count when weather conditions are more favorable will show a total of approximately 650. Herd conditions are excellent although snow depths on their winter range are considerably in excess of normal. Losses have been observed and reported this season as follows: - unlawfully killed by hunters in the vicinity of Gardiner, Montana 5, killed by coyotes within the park 6, total 11 as compared with 2 at the close of December last year. The north line fonce was lifted on December 21st allowing free access to their winter range outside the park. Exits around or through the fence had been effected by several small bands prior to that date.

Sheep: Sheep losses this season todate have consisted of 8 lawfully killed by hunters in the State of Wyoming, I unlawfully killed by a hunter in the vicinity of Gardiner. Montana and 2 killed within the park, by the Chief Bark Ranger on account of being afflicted with scab, total 11 as compared with a loss of 10 killed by hunters to December 51st last year, and 5 during the hunting season of 1925. He unusual counts were submitted during the month. The movements and condition of the Kt. Everts, Hellroaring and Tower Falls b ads have been carefully observed at frequent intervals and although a few of the animals are infected with scab their condition appears to be improving. The great majority of the animals observed are in excellent condition.

Modes: There were no unusual counts submitted during the month: 4 bulls are reported on Slough Creek in the vicinity of Silver Tip Ranch. There are 2 moose near the mouth of Pebble Creek and 5 near the Cooke Ranger Station. There are 7 bulls in the immediate vicinity of the Sylvan Pass Ranger Station and 9 were observed on the recent Upper Yellowstone Patrol. Signs were observed late in the month at Squaw Lake and between Cougar and Duck Creeks in the Greyling District. The first shed horn of the season was observed near the Sylvan Pass Ranger Station on the 19th. Thirteen were killed by hunters this season as compared with thirty-six last year.

Buffalo - Lamar River Herd: Most of the herd is now assembled on the Lamar River meadows in the immediate vicinity of their winter feed ground. Four bulls have moved down near Tower Falls Station; there are 8 on Hellroaring Crock and 58 near Junction Butte. Winter feeding was started on January 5rd and the calves were cut out and corralled for weaning on January 7th. The full count of the round-up of the 7th was 526 which included 109 calves. The calves consisted of 46 females and 65 males, 25 were castrated. Another round-up will be made at an early date for the purpose of corralling the remaining 12 calves that are still running ith their mothers in isolated bands that escaped the round-up of the 7th.

Bighteen steers were slaughtered and sold during the month to the following named purchasers:-

J.	F.	White, St. Anthony, Idaho	10
J.	M.	Deeds, Stockton, Calif.	2
R.	l.	Rudell, Drumwright, Okla.	1
J.	A.	Blummer, Crow Agency, Mont.	1
Jol	hn i	Hanousek, Antigo, Wis.	1

count of a consideration of the field property and defined the party of a consideration of appreciations of the party of appreciation of appreciations of the consideration of appreciations of the consideration of appreciations of the consideration of the consideration of appreciations of the consideration of appreciation of the constant of the cons

district the variable of test the course to the course there can be not be not to the course of the

ACCUSE THE PROPERTY OF THOSE WAS NOT THE STATE OF STATES OF STATES AND ACCUSED ACCUSED AND ACCUSED ACCUSED AND ACCUSED ACCUSED ACCUSED AND ACCUSED ACCUSED ACCUSED ACCUSED AND ACCUSED ACC

selected as a second of the select three of the second of the selected selected of the selected selected of the selected selected

alt of the mail paint bies has been almost one or and a line by the the

d. . rente, re-server, relate 1.0 in the control of the control of

George B. Brimmer, Cheyenne, Wyo. 1
Lyman Brooks, Jr., Cooks City, Mont. 1
N. H. Link, Gardiner, Wontana. 1
Total 18.

which together with 1 steer, a winter kill recently observed in the vicinity of Soda Butte Cabin makes a reduction of 19 in the herd total since the November report. Twenty-six live animals have been captured and shipped this season todate; 19 steers have been slaughtered and sold and 1 steer has been reported as a winter kill, total 46. The hard total of record at the close of the month consists of 221 bulls, 155 steers, 393 come and heifers and 121 calves, total 890.

Buffalo - Cold Creek-Felican Greek Herd: Nangers on patrol in the Cold Greek District have recently reported as follows: - 10 buffaloes were observed on the Felican Greek meadows, I on Mist Creek and 7 along Cold Greek about 2 miles below the esbin, total 18. These animals appeared to be in good condition although they were not observed at close range.

Bears: We have had no reports of bears being active during the month. Fifteen black and brown bears and four grizalies were killed by hunters near the park boundaries in Montana and Wyoming last fall, as compared with twenty-three black and brown bears in 1926 and eight in 1926.

Predatory Animals: 58 coyotes were killed by rangers during the month which together with 119 previously reported makes a total of 177 this season todate, as compared with 163 at the close of December 1925, 182 at the close of 1925, 131 in 1924 and 75 in 1923.

Small Animals: Narten are numerous in the Lake, Canyon and Gold Greek Districts. One has established a winter residence at the Lake Ranger Station and appears almost daily at meal time. Otter are numerous along the shores of Yellowstone Lake, one family of five was recently observed near Thumb Station.

Water Fowl: There is nothing of special interest conserning water fowl at this time.

Buffalo and Other Reach Operations: The activities at the Buffalo Ranch have consisted principally of routine winter season work including the care of term and saddle horses, upkeep and maintenance of buildings, property and equipment and work incident to the care and keep of the buffals herd. 18 buffalo steers were slaughtered and prepared for shipment and the calves were corralled for weaning and separate feeding on January 7th. Peeding was started at the winter feed grounds on January 3rd. The park service and ranger horses are being wintered this year at the Game Preservation Ranch, the range provided them sufficient forage prior to January 2nd; winter fe ding was started on the 3rd. There are 51 horses in the herd. There were no noteworthy activities at the Slough Creek, Yancey and Gardiner Ranches during the month. There has been no wild animal feeding prior to January 1st except the local bands of elk and deer at park head-

A company designs a second of the second of

colding of hote board quadra makes a reduction of to the horse condition of the the horse conditions of hote and hote and hote and hote and hotel and hotel

Talfalo - Unid prete elima Urora Deservicio de Californio de Californio - 10 luttalio en Californio de Californio de Californio - 10 luttalio en Californio de Californio

Parties black and born had no reperts of hours being soul or noting the shade of large printers black by large and the parties been black by large parties and the parties and the parties been black and trees bears in trees bears in the total and the base bears in the total and the base in the total and the base in the total and the base in the base in

Creditary unitarity outparing out things out the state to minute this make value and the state of the state o

dealt trimele, forther are newcome in the Late, Senger and Sell Propie Secretaries and the Table Senger State and appears whether and appears whether and the state of the Senger along the states at Table Senger and the states are senger at the states are the senger and the states are senger at the senger and the states are senger at the senger and the states are senger at the s

Taken and the countries of special fathers? Communication and the countries and the first and the fi

The state of the salitation of the special of the salitation of th

quarters; these bands consist of about 36 elk and 45 deer.

480 - Natural Phenomena

Mamnoth Not Springs: There has been little change in the general aspect of the region as a whole since the end of November. Temporature readings taken of Old Angel Terrace during the very cold spell when the mercury dropped to 30° below and then rose to 20° below (when the reading was made) were exactly the same as those taken before the cold wave hit and after it had spent itself. At both the early and late readings the air temperature was above freezing. The readings in each instance were 73° C or 165.4° Fah. This indicates that the temperature of the hot springs.

On the higher levels there is little change. White Elephant Back Terrace shows slight activity at the extreme northern end and at the side rather than at the top of the ridge. The same is true of Orange Spring which is flowing quite profusely for that spring, from a point in the side nearest the road and almost at the top.

Stygian Caves are filled with long icicles from the drippings from the springs on the ridge above. A dead porcupine was found in a small hole in this vicinity and it is a question if he was sufficiented by carbon dioxide gas or died fr m some other unknown cause. No newly killed birds or mice were found in the Caves. No bats have been observed in the Devil's Kitchen this winter.

Norris Basin: The activities at Norris Basin were observed by Ranger Robert N. Baker on December 4th and 5th who submitted notes on his observations as follows:

Minute Man, active on apparently regular intervals of from 5 to 4 minutes, height 10 to 12 feet, temperature 920 centigrade. Bath Tub, unusually active and running over nearly the entire formation, cruptions varying from 1 to 5 feet in height, temperature 940 centigrade. Mud Geyser, not observed in action. Valentine Ceyser, inactive. Emerald Spring was boiling vigorously in central portion, temperature 880 centigrade. Monarch Geyser was inactive and the water was only luke warm. Fearless and Surricane were inactive with the exception of moderate boiling below the surface of their vents. Arsenic Spring was full and constantly boiling to a height of from 1 to 3 feet. Black Growler was vigorous and constant during the period of observation, its activities were apparently normal in every particular. Constant was active at intervals of from 50 to 55 seconds playing to a height of from 18 to 25 feet, temperature 870 centigrade. Whinisis was inactive and the crater was nearly dry with no signs of renewed activity while being observed. Now Crater was active at intervals of from 2 to 4 minutes playing to a height of from 10 to 12 feet.

The activities throughout the basin were apparently normal for this season of the year.

Lower Geyser Basin : The Hammoth Paint Pots are more active than during the summer months and display a greater variety of colors.

grant to the first by deeple to deleter when when the other products

Acres of Located - Oak

Surveyed, employed of the freezest variety as a circle since the end of covering the line of covering the line of the circle since the end of covering the line of the circle of the cir

To act the profess of the total action of the course of the state of t

analyzed an extraord and other and alle added one of a sample of the sam

Married States and All States and Colleges and States and Colleges and

Columns of the column of the columns of the columns of the column of the

The activities through our binds our toolsment entricing and the second size

Applies to picture reduces a palatic des relies and parties

Upper Geyser Basin: Jewell Geyser has been playing at from 6 to 8 minute intervals to a height of from 10 to 14 feet. Artemisia has been active at irregular intervals, the observed eruptions varied in height from 25 to 30 feet; the duration was from 6 to 10 minutes. Restless, Sentinol, Pan and Mortar have been active at irregular intervals throughout the month. Riverside has been erupting at from 7 to 8 hour intervals, height of play 40 to 60 feet, duration 1 to 4 minutes. Clant Seyeer has played twice since November 20th. One eruption occurred on December 8th; duration of play 50 minutes, height 180 feet. Another sruption occurred on December 24th which was not observed. Oblang has been active at intervals of from 8 to 10 hours, duration of eruption about 45 minutes, height of play 20 to 30 feet. The eruptions of Daisy Geyser has occurred at intervals of from 70 to 90 minutes, height 40 to 80 feet. duration 2 to 45 minutes. Comet has been erupting constantly to a height of from 2 to 8 feet. Grand has been in action at intervals from 12 to 16 hours; height of eruptions varied from 70 to 130 feet, duration 6 to 20 minutes. Turban crupts simultaneously with Grand to a height of from 10 to 20 feet. It also crupts independently of Grand with its usual power and vigor. Sammill has been playing at irregular intervals to a height of about 20 feet; duration of play 50 minutes to 2 hours. Castle has been active at irregular intervals; height of play 30 to 50 feet; duration 10 to 30 minutes. There was no eruption of Giantess during the manth although there has been considerable overflow and much violent boiling. There were no eruptions of the Boshive during the month. Old Faithful has played at intervals of from 54 to 68 minutes, duration 22 to 42 minutes, height of play 80 to 150 feet.

The foregoing detailed report of thermal activities show very little variance from the December reports of previous years.

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 Cateway. This travel consisted principally f visitors to park headquarters although a few were en route to or from Cooke City. Montana. 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 165 visitors

The presens on travel at the close of Docember this year consists of 2,005 visitors traveling in 713 cars as compared with 1,249 visitors in 456 cars at the close of becember last year and 514 visitors in 164 cars at the close of December 1925.

520 - General weather conditions and

521 - Snow Depths

TEMPTRATURE: Monthly mean, 11.69 is 10.00 below normal, and

Named Regions Darking Johnson and margaret has been plugging at front a to F of many asserted by a notice of from 10 to 16 fort, at Salvan municipal newscass and papersons andmental as well to produce below from the he to doubt the conviction was from h he to simplest. Newto-LINE, SWITCH, Fig. and Suffer berg been selled in Language, Smither, and THEN IN RY THE STATE OF SHIPLING THE RESERVED. AND AND AND PROPERTY AND ADDRESS. Intervals, intent of play at he of family A result of the A mineral are because our paper had a first subsected and a subsect angely and proper Described Artis Scientists of play to address, but my 100 Years, southern lawytime obviously on Describe Make white one are not construct, which has been addition of information of the st the state, the state of actual to addition at the state organic one miguiged at Colerands of from 70 to 70 minutes, health 60 to 60 front, broader a of allowed that yours a continue to a find the property of a policy of had not the morn alternation for mallions on most mad blanch advoca to an it seems be named backet of organization willow (for to the fact) threshow it to no mingles. Burley strains shouldenessing title woned to a being of term in to 10 days. It take craits interpresently of Levil vasty the runni poner dentity or at adversally nothing the horizon of the policy of the straight of of angel 25 feet, there's or play to stand of the party o and of minutes, where was no errories to Clarifies of the Control of and the trade of the trade of the sufficient and trade the special family There were an eroption of the Desire desire the sector Lik Tulveton not chapte of hidecalls of from M. to di mindion, facilities 25 to di named . Feet off of play to you the

year work objects that a new party of the contract of the cont Little suctions from the bounded returned of provious years.

ADD - Now We jordy Twee Lifelier by Now Yorkia

Interes in bearings on concessal - DEC

vall and him above out payme throat from the absorption the Copy and on Plant and a second anning the public of the party of the p Management of the color of the state of the There are a larger of a contract of the state of the stat not be moved a all require ould by August han Swingson's an Labour half the other - semple's no factories at gentled you bear

Series of case of courts direct

ADD, S to addition when while released to could not be defend as necessary diff. THE REST OF THE PARTY OF THE PA all its bigs bill at continty hid has very feel reduced by walls all in NAME OF TREASURE PARTY.

the state of the s

addings would - Inc.

The property was a live of the or all the property and

with the exception of 1984, is the lowest in the December record. Two severe cold waves occurred. The first was on the 6-7th, with high winds on the former date, causing blissard-like conditions during the fore part of the day. The second, and much more intense cold wave, occurred on the last two days of the month, the lowest temperature being 50° below zero on the morning of the 51st. A lower minimum has been recorded but twice in December during the past 41 years, viz., 34° below in 1923 and 1924. There was a 10-day period after the middle of the month with cold, but unusually pleasant sunshing weather for the winter season.

PRECIPITATION: Total, 1.18 inches, is 0.64 inch below normal. Unsettled, stormy weather prevailed during the first half of the month, while the latter half was generally fair, except for some light snew that preceded the sold wave at the close.

SMOWFALL: Total 12.0 inches; normal 15.2 inches. The greatest depth of snow on the ground was 6.5 inches on the 15th, which did not change materially during the remainder of the month.

WIND: The average hourly velocity was 7.7 miles; normal 8.0 miles. High winds occurred only on the 6th and 12th, but the maximum velocity of 42 miles per hour from the south on the latter date, equals the previous December maximum.

SUMSHING: Percentage of possible was 36; normal 39. Number of days clear 4. partly cloudy 12, cloudy 15, with precipitation 16.

Snow Depths: Snow depths throughout the park with comparative figures for 1925 and 1925 are noted as follows:-

	1925	1926	1927
Station	Inches	Inches	Inches
Mammoth	3.6	2.2	7.5
Norris	15.	24.	24.
Riverside	15.	26.	22.
Gallatin	18.	16.	17.
Lake	18.	17.	24.
Canyon	20.	28.	36.
Buffalo Ranah	9.	4.	18.
Cooke Hanger Station	26.	38.	28.
Norris-Conyon Divide	24.	58.	58.
Upper Slough Creek	59.	54.	24.
Lower Slough Creek	20.	25.	18.
Hellroaring	6.	5.	8.
South Riverside Cabin	24.	60.	51.
Snake River Station	22.	40.	39.
Aster Creek Cabin	45.	50.	63.
Sylven Pass	20.	30.	32.
Bechler River Station	35.	63.	56

and the design of the second of the first of the college of the college of the second of the second

-Lorent reduct days of the resident of a larger property of the secretary of the country of the

Applied of some to the property of the party of the party

of Lamys and the V.V are principle property opinion and true of the contract o

to the property of the party of

PRINCIPLE AND ADDRESS OF SOME AND ADDRESS OF THE PARTY ADDRESS OF THE PA

minist	The state of the s	Yest	And
(A)Creatile	840.	3.45	7.6
_ 42543	.016		250 270 271
\$8599923	II.	.02	
00/15/200	1.	- 432	-75
Zales.	100 100 100	17.	.66 .65
No. of Lot	100	100	100
Perfecto Cappin	100	1.0	.01
delitate traject exerci-	.30	.00	150
SALID OF SALISING	.18	196	190
MANUFACTURED.	- 1	.00	- 22
CHARL APARTA CARRY	, (C)	.0.	356
Salahist 100	•0	1,00	
alies of Zerona's object	.14	.00	110
STATE THE PERSON	, 20 , 20A	100	.00
able) from twin-		30. 30. 30.	.00
total and o	.70	+06	03
milials reals reliable	.54.	-00	0.0

Snow depths at other points are indicated as follows: Grayling Cabin 26 inches, Old Faithful 52 inches, Fountain 21 inches, Madison Junction 25 inches, Seda Butte Cabin 17 inches, Pelican Meadows 24 inches, Mist Creek Divide 42 inches, Gold Creek Cabin 25 inches, Crystal Spring 35 inches, Cascade Croek 92 inches, Seven Mile Fost north of dnake River 87 inches and Pobble Creek Divide 92 inches.

There were 17 days of sub-zero weather in the Gallatin, Riverside and Old Feithful districts during the month: - Extreme low temperatures were reported on the morning of the Sist as follows:

Mammoth	30	below
Upper Slough Creek	42	69
Buffalo Ranch	37	43
Gallatin	43	9\$

The Massacth report was the lowest of record since December 1924.

Yellowstone Lake froze over on the night of the 17th and rangers returning from the Upper Yellowstone Patrol skied across it from Park Point to bake Station on the morning of the 24th.

640 - Visitora

Mr. Robert Marshall, U. S. Forester of histoula, Montana, was a visitor at the park headquarters from December Slat to January Erd. The purpose of his visit was recreation and pleasure. He had previously requested out crity to make a skiltrip through the upper park but weather and snow conditions were unfavorable and he expressed his entire satisfaction and pleasure with a few short trips to lookout points in the Massorth District.

Mr. Robert M. Hill, State Gene Warden of Wontena, came to Mammoth and spent a few hours and then returned to Cardiner, on December 19th.

900 - Miscellaneous

Rospital and Medical Service: Dr. Howard C. Amterson, Bets-dent Physician, reports 15 house calls and 15 office calls during the month.

Postoffice: December business was considerably heavier than for December, 1925, regardless of the fact that the population was somewhat smaller.

Monday afternoon (after 1 o'clock) was observed as a half holiday in lies of Christmas which fell on Sunday.

Church Services: English Lutheran services were hold by Rev. Webster R. Clemente in the Lodge Room on the evening of December 13th.

Carrier to tenter, the farefully the property frontale at the property to the second of the property of the pr

Chieve and the state of the section of the section

TOTAL STREET WHEN BY THE STREET STREET

Light Andread roads ancres to hoved and one Proper Standard ad-

PORTION OF MATE AND THE ANGLE AND THE THREE MATERIAL AND AND THE TRADESPARANCE AND THE PARTY AND THE

VILLERIA - 090

The property of the party of the property of the party of

servicellought - Vill

Designation of Services Designation of the color of the c

Top between the contract of the fact that the populating and the best that the populating and

That is a lawyeast and (short t at 1) and a stand of the stand of the same of

and of the own contents had been been as the standard of the content of

Episcopal services were held in the Lod o Room the evening of Sunday, Bosenber 11th, by Rev. John F. Como; who also held Christmas morning services in the Chapel on the morning of Sunday, Becember 25th.

A Christmas program was given by the children of the Sunday School in the Chapel on Christmas Eve. The church was decorated in evergreens and Santa Claus distributed gifts from a large tree.

Mrs. Haynes, wife of the late F. J. Haynes, passed away at her home in St. Paul on December 25th. Her husband was the official photographer in Tellowstone Fark for 32 years.

A dence was given on December 17th for the members of the community, which was well attended and a good time was had by all those present.

Chief Ranger Woodring donated some excellent game pictures to the National ark service.

Very truly yours,

H. F. Daum Acting Superintendent nations and send against not all first rates at objects formation of the property of the prope

A RELEASE OF THE PARTY OF THE P

to your heaves assessed in all that he this prompt and the first part of the first of the stand that the first of the standard of the standard

part to remine out to Valley or American array of the water of the part to the

newsplay come destinate and reduced toropied beauty based and an

some that part

State of the second second

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

December 12, 1927.

CIRCULAR NO. 27.

In view of the departure of Mrs. Horace M. Albright, a member of the Yellowstone Park School Board, from the park on November 12th, Dr. Howard C. Anderson is hereby appointed to fill the vacancy. This will make the Board consist of the following:

Mrs. Chas. A. Brant, Chairman Dr. Howard C. Anderson Mr. A. C. Neumann

> M. F. Daum Acting Superintendent.

Copies to: Trischman, Brant, Anderson, Beatty, Green, Bowman, Biastoch, Wiggins, Neumann, Daum, Dale, Sprinkel, Albright.

YELLOWUTCHE NATIONAL, ADD LIBRARY 4628 · 50 - 1 - 1 - 1 - 7.

Lu view of the desire of the desire of the desire of the Yello strand or really and the team of the Yello strand of the Yello

Tr. Lond C. Williams

M. F. Dans Lating Schustler at.

depict to: Erlegen, Arant, coderson, water, Green, to con, to con,

7 C (0)

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

MONTHLY METEOROLOGICAL SUMMARY.

a	tion,	AUTTO	rsroi	e sage	, <u>5</u> vo.	: 	month, D Z C D N B 3 R, 1927. , 19
	TEMPERATURE. (Degrees Fahrenheit.)		Precipita-	Character	Sun- shine	ATMOSPHERIC PRESSURE.	
ð.	Max. Min. Mean.		(In inches	of day.	cent.	(Reduced to sea level; inches and hundredths.) Mean 50 a 17; highest 50 a 24 ., date	
	67	0.0	9.0	no.	loudy	0	lowest
	31 E	22	26 34		cloudy	0	TEMPERATURE. Highest 40 date 2 lowest 50 date 51
	32	13	22		tclay	38	Greatest daily range, date, date
	28	13	20		loudy	6	MEAN FOR THIS MONTH IN— 1871 81 91 01 11 16 21 21
		11	20		Cloudy	7	1872 82 92 16 02 23 12 18 22 19 1873 83 93 24 03 23 13 21 23 17
	29	-17	-2	.02	tcldy	57	1874 84 94 20 04 23 14 17 24 11 1875 85 95 19 05 19 15 20 25 26
	3	-16	-6		Cloudy	33	1876 86 96 28 06 28 16 12 26 18 1877 87 21 97 19 07 22 17 27 27 12
							1878 88 22 98 17 08 20 18 21 28 1879 89 25 99 19 09 12 19 15 29
	20	3	12		Cloudy	0	1880 90 28 00 24 10 23 20 22 30
	23	-7 -7	8		Cloudy Cloudy	6	Normal for this month
	16					17	Absolute minimum for this month for years
	1 9	7	13		Cloudy Cloudy	7.7	with the normal
		0			Cloudy)	Average daily excess (+) or deficiency (- ince January 1
	25		12		etclay	50	PRECIPITATION. Total this month; snowfall
	9	-8	0			0	Greatest precipitation in 24 hours, date
	12	-8	2		Cloudy		TOTAL PRECIPITATION THIS TH IN— 1871
	20	10	15		Cloudy	0	1872 82 92 2.17 02 0.85 12 1.47 22 1.98 1873 83 93 1.91 03 0.49 13 13 25 23 22
	19	6	12		rtclay	72	1874 84 94 1 5 4 04 1 1 1 140 07 241 46 1875 85 95 1 2 2 05 0 1 1 150 82 250 99
	18	4	11	7	rtclay	34	1876 86 96 Q • 4 6 06 1 • 84 162 • 47 20 • 83 - 1877 87 2 • 41 97 Q • 80 07 Q • 94 172 • 28 27 18 -
	21	3	12		Ptolay	68	1878 98 Q • C7 08 Q • 48 18Q • 29 28
	25	4	14		Clear	100	1879 89 8 8 99 1 89 091 27 19 15 29
	21	2,	.12	0	lear	100	Normal for this month
	22	1	12		Clear	82	mal
	22	7	14	0	e toldy	74	MEAN RELATIVE HUMIDITY (Percentage). 6 a. m., 80 Moon p. m., 12 p. m., 80
	24	7	16	0	rtCldy	52	WIND.
	29	5	17	0	Ptoldy	66	Prevailing direction South; total movement 1716 miles; average hourly velocity 7.7; maximum velocity (for five
	32	13	22	T	Ptoldy	48	minutes) 42 miles per hour, from 3
	31	22	26	.03	Cloudy	3	on
	29	14	22		Cloudy	11	Number of days, clear 4; partly cloudy 12; cloudy 15;
	19	-10	4	.01	PtCley	34	on which .01 inch, or more, of precipitation occurred
	-10	-25	-18	.01	rtcldy	52	Auroras; halos: solar, lunar
	0	-30	-15	Total.	Clear	100	Hail; sleet; fog
ın	20.8	2.5	11.6			36	*Frost: light; heavy; killing;
	Note.—"T" indicates trace of precipitation.						

the autumn frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

N. H. Fletcher, Leteorologist.

Weather Bureau.

S. DEPARTMENT OF AGRICULTURE. Form No. 1030-Met'l.

MONTHLY

97

DEPART

B

WEATHER BUREAU

Yellowstone Park.

MONTH

1927

La La Company of the later

to the state of th

EN/ PILL

STORMARCE.

At "

ь

. Later Laboratory

THE RESERVE THE PARTY OF THE PA

THE PERSON NAMED IN

.000

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

Yellowstone	Nationa	l Park fo	r the Mo	onth of	December	
		This Travel Year	This Month Last	Last Travel Year		se for Year
		To Date		To Date	Number	Percent
Current generated,	56700.	410780.	54720.	401570.	9210.	2
Sold to park operators,	660.9	78012.0	389.	78892.5	*880.5	1
Sold to others,						
Furnished to other Governmental agencies,						
Used by National Park Service, lost in transit, etc.,	56039.1	332768.0	54331	-322677.5	10090.5	.03
Total current generated,	56700.	410780.	54720.	401570.	9210.	2
Amount receivable from the sale	e of elec	etricity,			\$ 33.04 ¹	

^{*} Indicated by K. W. H.

^{*} Decrease

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ET

FIRE	=	This	Travel	This Month Last	Last Travel Year	Increa Travel	
	til time den wege-bild men men stop stilte stilt men flige-bild stilte still stop stem stem som som som som so		To Date	Year	J O OT	Numb r	Percen
rent ge	enerated,	Edren.	/10780.	.07	40157C.	9.10.	S
d to pa	ark operators,	6.088	72012.0	.0 %	78 92.5	0.050*	I
to ot b.	thers,						
	to other Governments,						
	ational Park Servic transit, etc.,	1.0501	0.837768.0		3.16.02.	.780	- 40.
otal cu	surrent generated, .	.5760	42072.	1874.	.01010	·or-	The same of the same
		بالمراجع مراجع الأفاقة بمياني المواجع المراجع المراجع المواجع المواجع المواجع المواجع المواجع المواجع المواجع	The second submitted distribution players. Second establish establish the		which steer was right steer steer than some their steer.		disc visus 4°°°

^{*} Indicated by K. W. H.

^{*} Dear we

UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

TRAVEL REPORT

	This Month	This Travel Year	This Month Last	Last Travel Year	Increase for Travel Year		
		To Date	Year	To Date	Number	Percen	
PRIVATE TRANSPORTATION:							
Cars first entry	58	713	15	456	257	56	
Cars reentry							
Motorcycles							
Total motor vehicles	58	713	15	455	257	56	
Persons entering via motor vehicles	163	2005	46	1249	756	60	
Persons entering via other private transportation							
Total persons entering via private transportation	163	2005	46	1249	756	60	
OTHER TRANSPORTATION:							
Persons entering via stages							
Persons entering via trains							
Persons entering otherwise			•				
Total other transportation.	, market and a state of the sta						
GRAND TOTAL ALL VISITORS		2005	46	1249	756	60	
	et destina de la comencia de la come		This	Last Year	Incre	ease	
			1 6511	1 Gul	Number	Percent	

Campers in public camps during month

10=127

LPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

TRAVEL REPORT

	b r 1 = 7	= 3 =0) ({ {	rk for the	tional Pa	Yellowstone
		•				
rest tea related	Traye	Traver Y ar To Dat	This Month L st Year	This Travel Year To Date	This Month	
						. MOI TANGE TO
පිටි	5. 00	20.4	15	718	are.	PRIVITE TELESTRIATION:
						Cars reen ry
56	257	27.	15	710	58	Motorcycle
03	726	1249	4.6	2008	163	Per cne entering via motor ve icles
	-abused-see, C.				-	Persons nterm via other pr vale r neportation
00	756	10.0	4.6	2005	165	Tutal parsons entering via parvet.
						THE STREET STATE OF THE STREET
						Persuat entaring via stages
						Person ontering via trains
					and the state of t	Promoting otherwise
09	25.7	12.9	2.4	300%	165	I L L L L L V SITORS
0000	Number	Last Y a	This Year			
				th	ri g mor.	Aller miller in public damped d

Journal of the composition of the community of the commun

10-159

UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

STATUS OF PERSONNEL

YELLOWSTONE National Park for the	Month of	DECEMBER, 1927
	This	This Month Last Year
Number of employees beginning of month,	68	63
Number of additions,	1	2
Total,	69	65
Number of separations,	0	1
Number of employees close of month, $=$	69	64
Number of promotions during month	0	0
Aggregate amount of annual leave taken, _	180	174 ¹
Aggregate amount of sick leave taken, _	7 1	18
Aggregate amount of leave without pay, _	54	31

₹ 10-159

UNITED STATES DEPARTMENT OF THE !NTER!OR NATIONAL PARK SERVICE

STATUS OF PERSONNEL

*****	7581 6 - 01	Month of	National Park for the
	This Month Last Year	This	
	63	68	Number of employees beginning of month,
	. 65	69	Number of additions,
	64	69	Number of separations,
	0	0	Number of promotions during month
	174;	180	Aggregate amount of annual leave taken,
	18	54	Aggregate amount of sick leave taken, Aggregate amount of leave without pay,

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

YELLOWSTONE	ELLOWSTONE National Park for the Month of				~ ~ ~ * * * *	DECEMBER 1927			
	dilleric allerige signedige rigit, septimization and all aller that the religion is the tension in the tension - The signed						-7.T.	This Year	Last Year
Park revenue on har	nd beginning of m	onth .					4	None	lione
received								28.16	\$ 76,070.07
Total							•	28.16	76,070.07
Remitted								28.16	76,070.07
On hand close of mo	onth						9	None	None
Park revenues recei	ved this year to	date.	, .			• •	ð	\$ 132,51	8.67
Park revenues recei	ved last year to	date.			* *		*	195,93	3.00
Increase				Dec).	crea	se).	• gabing	63,41	4•33
Percent of incr	ease , , ,	¢ • 6					\$ **7¥	***	

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

0.0348231927	YILLOWTONE National Park for the Month of
is Last ar Year	
onoli er	Tark Evenue on hand beginning of month
70.070.27 \$ 31.8	sceived
8.16 76,070.07	Total
3.16 76,070.07	Remitted
None	On h 1d close of month
132,518.67	Park revenues received this year to date
00.556.95	Park revenues received last year to date
63,414.33	Increase
	Percent of increase

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

Yellowstone National Park for	r the Month of						
	This Month	This Month Last Year	Increase	 Percent Increas			
LOCAL BUSINESS							
Wiles of circuit maintained	•	391 141	71 5	.18			
of other local calls	5463	6369 398	906 119	.142			
Receipts from measured service calls Receipts from coin boxes	^						
TOTAL RECUIPTS	School Street,		office and the books of the second of the se				
LONG DISTANCE BUSINESS							
No. Outbound calls.	49	39 62	10	.256			
TOTAL LONG DISTANCE CALLS							
Peak load in calls per day	8 38.85	8 20.57	0 18.28	•0 •688			
TELEGRAPH BUSINESS							

TELEGRAPH BUSINESS

TOTAL MESSAGES

Receipts from telegraph business...

No. of money transfer messages...

No. of money transfer receipts....

TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPT-

DEPARTMENT OF THE INTERIOR

NATIONAL PARK . ET ICE

VISORY ON THE ENOUGE AND TELL ONLESS ENGINEER

red Lec	to minute out our glass pages	emoteralisi
---------	-------------------------------	-------------

	2501		a desired short	10" MARY INTO THE
-1000000	-1-0-000	for j	1042	
				LOCAL BUSIN SE
.18	2	391	462	Tion of citalin more and. To or elephone worder d.
S.f. 6-a.	sit 90s	6869	2463). c. orlo _ 35 c.lic For _ 1c _ 2 _ 1c o Paak _ 17 d _ 1c _
				neceipt. Irri von mine colli Receipt. Irri von mine Receipt.
				A THE STATE TOWNS TO THE STATE OF THE STATE
.256	1	89 88	4.9	No Indexed at a
				COLUMN DISTANCE CALLS.
0.	0 18.28	8 20. 67	8 88.85	ໄຊປະ ກາງ ກາງ ກາງ ກາງ ກ່າວ ກ່າວ ກ່າວ ກ່າວ ກ່າວ ກ່າວ ກ່າວ ກ່າວ

ITTEGRAPH BUSINESS

Version Vie Version March "erage" " " TO AT AGES

Scottent mineral of more efficient TOTAL COLOR STREET and the statement and the or

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Yellowstone National	Park for the	Month of .	December	
		Percent		Probable
Description of Projects		Constructed This Month	Constructed Last Month	Date of Completion

No change in project status.

F

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECIS

	Dece U r	Month of	Park for the	National	Yellowstone
eLj JnT	Percent	Percent	Percent		
to water	Constructed	Constructed	Constructed	of Projects	Description
Cc mletion	Last Month	This Month	To Late		

. so chan s in project at tus.















