



10-23
May, 1929)

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

FILE No. 143

MONTHLY REPORTS

November, 1930

NOVEMBER 1930

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file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge.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

December 5, 1930.

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

Dear Mr. Director:

Following is the report of the activities of the Yellowstone National Park for the month of November, 1930.

000 - General

The Yellowstone was blessed with unusually fine weather during the first twelve days of November, the ~~very~~ Indian summer type, and all of the park roads were free of snow. However, on the night of the 12th a snow storm started and before it was over about fourteen inches was recorded and all of the passes were blocked. The road contractors and Government road crews hurriedly made arrangements to move out, and within three days all crews were out of the park. The graders on their run into Mammoth opened up some of the roads so that it was possible to drive a car from Mammoth to Old Faithful and West Yellowstone until well into the end of the month, but some bad drifts were to be encountered in Golden Gate and along Swan Lake Flats. Following the storm around the middle of the month some more fine weather set in. On the 23rd the road from Mammoth to the Buffalo Ranch was graded out to allow for hauling buffalo and cotton seed cake between Gardiner and the Buffalo Ranch. The road remained in fine condition until after the close of the month, - no additional snow having fallen, and there was little wind to do any damage. On November 29 Assistant Chief Ranger Ogston drove from the Lake to Mammoth and returned the same day. It was necessary to do considerable shoveling for two or three days prior to the trip, especially between Canyon and Lake. It is not believed that it will be possible for any other cars to drive to the Lake this year.

Superintendent Toll remained at his winter headquarters in Denver during the month looking after work in connection with the proposed parks and monuments. Assistant to the Superintendent Joffe returned from his leave on the 6th and Assistant Superintendent Edwards departed on his leave on the evening of the 24th to be gone until about the first of January.

Ammerzell sehr zu profitieren mit den Bemühungen um eine gesetzliche
und rechtliche Regulierung der Dienste mit dem

REVIEWED BY DR. RICHARD WILLIAMS, JR., DIRECTOR OF THE INSTITUTE FOR
TECHNOLOGY AND MANAGEMENT, BOSTON, MASS., AND APPROVED BY DR. JAMES W. DAVIS,
DIRECTOR OF THE INSTITUTE FOR TECHNOLOGY AND MANAGEMENT, BOSTON, MASS.
AND APPROVED BY DR. RICHARD WILLIAMS, JR., DIRECTOR OF THE INSTITUTE FOR TECHNOLOGY
AND MANAGEMENT, BOSTON, MASS., AND APPROVED BY DR. JAMES W. DAVIS,
DIRECTOR OF THE INSTITUTE FOR TECHNOLOGY AND MANAGEMENT, BOSTON, MASS.
APPROVED BY DR. RICHARD WILLIAMS, JR., DIRECTOR OF THE INSTITUTE FOR TECHNOLOGY
AND MANAGEMENT, BOSTON, MASS., AND APPROVED BY DR. JAMES W. DAVIS,
DIRECTOR OF THE INSTITUTE FOR TECHNOLOGY AND MANAGEMENT, BOSTON, MASS.
APPROVED BY DR. RICHARD WILLIAMS, JR., DIRECTOR OF THE INSTITUTE FOR TECHNOLOGY
AND MANAGEMENT, BOSTON, MASS., AND APPROVED BY DR. JAMES W. DAVIS,
DIRECTOR OF THE INSTITUTE FOR TECHNOLOGY AND MANAGEMENT, BOSTON, MASS.

...and the other half of the world's population. The Chinese have been fighting for their independence for 100 years now, and they are still fighting. They are fighting for their independence, and they are fighting for their freedom. They are fighting for their freedom, and they are fighting for their independence.

Clerk Margaret cabin was away from the Park headquarters during the month; part of her time was spent on leave and the balance in helping Superintendent Toll in Denver in the preparation of his report on inspection of proposed parks and monuments.

100 - Administration

Work in all departments is current. Leave periods have been arranged so as to get the utmost efficiency from the organization. Quite a few employees obtained their leave in October and November which will allow others to take theirs in December, which is the month most employees desire their leave so as to visit their homes over the holidays.

120 - Park Inspections By:

121 - Acting Superintendent

While Mr. Edwards was Acting Superintendent he made several trips into the interior of the park, so long as the roads were open, looking over various projects, and in company with Chief Ranger Baggley made a horseback trip from Soda Butte down the east line to the Thorofora country. Operations around Mammoth were inspected regularly. On November 16 Mr. Edwards left for Billings with Mr. Bush to attend the Dude Ranchers' association meeting and returned on the 20th. Chief Ranger Baggley also attended the meeting, coming to Billings from Cheyenne where he had been summoned to appear in a liquor case.

Acting Superintendent Jeffe made one trip to the Tower Falls road as far as Crescent Hill in connection with the opening of this road for hauling buffalo and cotton seed cake, and one trip was made to the Buffalo Ranch. Regular inspections of work in progress around headquarters were also made.

120 - Circulars, Bulletins, etc.

Copies of circulars issued during the month and the October Nature Notes are attached hereto.

200 - Maintenance, Improvements and New Construction

Following is a brief report of activities under the supervision of the Engineering Department for the month of November:

Project No. 2. Maintenance. Work under this activity consisted of heavy maintenance and snow removal.

The two steel bridges across the Gardner River between Gardiner and Mammoth required extensive repairs. Double decking was laid on the lower bridge and single decking on the upper one, and the abutments and approaches of both bridges were repaired.

and the authorship of the book will remain yours own unless you give us notice. **Delivery** will be effected at regular and free times by stamp box and will not be from persons who are not members of Parcels and the Goldsmiths' Hall or persons in the Hall's employ. Persons

Digitized by Google

“*What would you do?*” I asked him. “*What would you do?*” he repeated.

1994. Стартът на кандидат-докторантския курс е свързан със създаването на Университета по биология и медицина в София, като първите години са изпълнени от проф. д-р Георги Георгиев, а от 1997 г. до днес от проф. д-р Георги Георгиев и проф. д-р Георги Георгиев.

Some authors, however, still see it as more than a mere synthesis. Another distinction is made between "classical" and "modern" types of synthesis, with the latter being concerned with the synthesis of organic molecules.

—*the most important, most interesting, and most useful*

should reflect not how often truly unbiased findings are made but how often they are used.

www.brownandbrown.com

Die geplante strategie soll zudem ausarbeiten, wie strategische Themen thematisiert werden sollten.

Journal of Health Politics, Policy and Law, Vol. 35, No. 3, June 2010
DOI 10.1215/03616878-35-3 © 2010 by The University of Chicago

10.248.128.104 - [19/Jan/2019:10:49:48 +0000] "GET / HTTP/1.1" 200 1234

However, although certain traditional and indigenous systems have been lost, several still remain, as do some unlabelled traditional systems. However, indigenous systems have apparently not been fully replaced by non-indigenous systems, but without

The heavy snow fall during the early part of the month made it necessary to clear snow between Mammoth and Beaver Lake in order for the trucks to bring in our last crews from the field. The road between Mammoth and the Buffalo Ranch was also cleared of snow to permit hauling of feed coke and buffalo shipments by truck.

Project 502. Mammoth-Tettie. Stormy weather, snow, and frost conditions forced the closing down of this project. Work for the period consisted of 1500 yards of solid rock excavation with the gas shovel, 100 yards solid rock excavation by hand labor, and 0.4 of an acre of clearing and grubbing. The last construction work was on November 13 and the crew was disbanded on November 14. About 2000 feet of construction remains to be completed in the Spring.

Project 426. Mammoth Water System. All work on this project closed down for the season on the last day of the month. The new diversion dam and 3000 feet of trench have been completed. Practically all of the pipe for the new line has been hauled to the job and laying and welding of this will begin as soon as weather conditions permit in the Spring.

Project 520.2. Morris-Madison Cleanup. The crew working on this project was disbanded on November 17, having completed all the piling of debris and about 40% of the burning. Continued heavy snowfall was making the road to headquarters almost impassable for traffic and it was considered advisable to leave the rest of the burning for early Spring.

Project 520.1. Art Entrance-Lain Butte, and 520.1 - Artist Point Cleanup. Work on both these projects is completed except for a negligible amount of touching up in the Spring. Snow depths were too great to permit finishing the work satisfactorily this season.

250 - Improvements

Carpenter Shop: The following work was done by the Master Carpenter and his assistants during the month: An old coal shed was remodeled to provide 6 more garages. New roofing was put on and several windows sanded, also cut some doors and repaired foundation. The old bowling alley was partitioned off and one room is now used as a paint shop. Considerable work was done in the garage building, such as building walls in truck shed to provide a room for cleaning trucks, ceiling up outside walls of building with shiplap and condensing felt, and enlarging 3 windows. Other work consisted of minor repairs to quarters, and laying new linoleum at Soda Butte Station.

Plumbing & Sanitation Department: A crew of men under the Master Plumber were engaged in excavating a trench for the new water line from Glen Creek to Mammoth, and in building an intake dam, and when all pipe had been received for this new water line workers from the Hardesty Manufacturing Company came to the park for the purpose of laying this pipe, but unfavorable weather drove them out again after being here only one day and therefore they did not accomplish what they came here to do. A wash shack was built in one of our storage garages for washing cars, and water was piped in, and a sewer was installed to take care of sewage. A new water line was put in to the Museum workshop. Other work consisted of maintaining water and sewer systems.

when others will be doing others will natural like more space and
not waste at same time and one another's interest will result in "competition" &
conflict between each other and others may have no further or interest with
particular business or. Voice his thoughts under your name without any loss of interest
and you can always expect him to do what he

said. Now comes a difficult question - whether to proceed with business.
Having said and done everything that is need to make you comfortable with him
now, you can say with confidence that there is nothing more to do with the business
and if the man has no good idea, you can send up additional men. When others among
you have good ideas do not give them away and speak with confidence that you
are necessary to your good friends. All you will do is to think it over and then
decide what action to take.

Another point is how to negotiate your business with another.
Remember that every business will be with you and no reason not to make friends
out of his business. You can send him a letter. Do not do this but just
be positive and factual has got out of business good and well and this make
you happy out of business and then you can be sure no other will come along

with an offer that will be better than yours. So with the best
of qualities and the best business you can always do better. Do not think you
cannot do better than what you have now. If you can't do better than what
you have now it is better to accept the present position of your and
another's business with pleasure and to work with others for a better

future. — I hope you will understand this and understand
what I have in my mind. I hope all my advice will be well received.
I know of many who have done well and others have not done well.
I hope you will be successful in your business and your
success will be great.

Conclusion - 191

Business is not of much use when you consider with your experience
and knowledge and so do I too. I have had the best education and I am
from the school environment because I am from your business and experience which is
influencing me greatly and help with my education and gain the much more
knowledge and much experience. So this is the reason why I have done so well. So I am
informing of your success of office spending the time, getting along with all
possible other position to better abilities on possible failure because I work hard
with the best always there and I am ready to participate in your organization and
make your success when the conditions are good. I am ready to help you

success and further after the time of your organization is completed.
I hope you will make me a part of your group. I am interested in making your company
and your life better. I am sure that you would be satisfied at our place and we
will continue to work with you until the time you are not able to work
any longer. So you can plan your future with us and we will work together
as well as you can. And of course we will work for your organization and
make a lot of money and then have a good position for you to work again. So you can
say me as your best and only choice and I am ready to work with it and I am
going to go to work for you and help you to succeed and help you to succeed

Electrical Department: The following work was done by the Electrical Department during the month of November: Changed all park telephone lines from metallic to grounded circuits for winter service; built about 3/4 mile of telephone line from Cravice line to the Deckard Ranch and installed a phone in the cabin for game protection along the north boundary; wired several quarters and new garages for electric lights; and put into service the new 25 pr. cable to Superintendent's office.

Paint Shop: The Master Painter and assistants were engaged in painting and sanding floors in quarters at Mammoth, repairing and putting up stems each on all quarters and finishing work at Tower Falls Ranger Station. In addition several days were spent in putting out new metal signs.

300 - Activities of Other Agencies in the Park.

Mr. George Whittaker operated his store at Mammoth Hot Springs to accommodate the local residents.

400 - Game, Fauna and Natural phenomena

410 - Ranger, naturalist and guide service

Protection Department activities for the month consisted mainly of foot and mounted patrols for the observation and protection of wild life, and prevention of trespass by hunters on park land. All hunting areas on lands adjacent to the park are closed to hunting, with the exception of those on the north side where hunting of elk will be permitted until December 20th. The section adjoining the Bechler River District will be open from December 1 to 15, inclusive, and due to the snow and cold weather it is anticipated that a large kill will be made in this territory as compared with former years. On November 22 several of the rangers were on duty at the Buffalo Ranch for the rounding up of the buffalo which are to be slaughtered and 16 head which were shipped on November 23th.

The headquarters camp for men patrolling the north boundary line was established on the so-called Deckard Ranch on November 29th. This ranch is very centrally located and will, no doubt, prove to be of great benefit in the protection of elk which leave the park on the east side of the Yellowstone River. The Park Service will have 3 men on duty, State of Montana will have 2 men and the Forest Service will have 1 man on duty under a cooperative game patrol arrangement at this point.

Chief Ranger Bagley, Assistant Chief Ranger Miller and Park Ranger Greer were subpoenaed to appear before the Grand Jury at Cheyenne, Wyoming, on November 11. They left Yellowstone on November 9. Miller and Greer returned on the 16th, while the Chief Ranger stopped off at Billings, Montana, to attend the Indo Ranchers' Annual Convention, which was held there on the 17th, 18th and 19th. Mr. Bagley returned to headquarters on the 20th.

With all such new data interrelated with the theoretical framework, they will hopefully contribute to those new general models which will incorporate unknown variables, histories of children and family members and the child's environment and enable the child to take his place in the family and society.

As Congress wrote bills it was often asked whether such laws were
constitutional and "legal".

Witnesse the day and year above written at [unclear]
in the County of [unclear] the State of [unclear] witness my hand and seal this
[unclear] day of [unclear] A.D. [unclear] and in the year of our Lord [unclear]

Journal—Academy of Natural Sciences, Philadelphia, 1866. — 925

and the following year the first major exhibition of his work was held at the Royal Academy of Art in London.

and the other two were present. The old man was a tall, thin, gaunt person with a very wrinkled face, and his hair was white and thinning. He had a long, thin nose and thin lips. He was wearing a dark-colored coat and trousers. He was standing in front of a large window, looking out at the scene outside.

Chief Ranger Boggley, accompanied by Acting Superintendent Edwards, left headquarters on November 3 for an extended pack trip to the Thorefore and Upper Yellowstone country by way of the Lamar River, driving by auto from Mammoth to Soda Butte Ranger Station where they took horses to Thorefore and return to Lake Ranger Station. From Lake to Mammoth the trip was made by automobile and headquarters reached on the night of November 7.

Outlines for the study of animals in Yellowstone Park have been prepared and sent out to the various ranger stations throughout the park. It is intended that this study be carried on over a period of several years and the same subject will be assigned to the same station each winter. A great deal of interesting information through a line of study of this type should be forthcoming. The following table will give the stations and their assignments:

Lake and Cache River	Otter
Thorefore	Elk, Deer, Moose
Tower Falls	Beaver
Blacktail	Deer killed by coyotes
Cerdiner	Antelope, sheep
Hellroaring	Coyotes
Riverside	Waterfowl
Bechler River	Moose
Sylvan Pass	Elk outside park.
Mough Creek, Upper & Lower.	Elk on feed grounds.
Mammoth	Deer

450 Musca Service (follows Buffalo & Other Animals, page 2.)

460 - Birds

During the month thousands of ducks were reported seen on the marshes and streams in the southern district, species including Bluebills, Golden Eye, Horned, Teal, Mallard, Black and many Grebe. Other waterfowl in this district reported seen by rangers are 143 swans and 463 geese. A few gulls were also seen on the Yellowstone River and Lake. There are also a large number of Bald Eagles in the vicinity of Yellowstone Lake and they, as usual, are taking their toll of ducks. On November 18, 96 geese were counted on the Firehole River. During the latter part of the month 200 ducks were counted on the Madison River below the Riverside Ranger Station.

470 - Animals

Some animals, due to the snowstorm on the 13th, started their drift to the winter feed grounds, large numbers being seen and counted over the entire northern portion of the park. At the present time the animals are at about the same altitude as last year but they came down about two weeks earlier than usual, and in such large numbers that they have already eaten practically all the forage at this altitude, and will soon be on the move again to points outside of the park where forage conditions are better.

and other more difficult areas to maintain the environmental and economic benefits that the use of synthetic materials can bring. This approach will also treat waste materials, prevent pollution, and increase the availability of fossil fuels. In addition, using this method, the environment can benefit from the reduction of greenhouse gases emissions by up to 50%.

and, most recently, and effectively, the last major effort to combat

After a few moments' pause, he said, "I'm from New Haven, Connecticut. We followed a route up the Hudson and then took a branch off to the right, about three miles west of the junction with the Connecticut River. We had to stop here last night because the roads are made of mud and we're afraid to go on. The men have been here all day, and we've got to stay over night. I don't know what we'll do tomorrow morning, but we'll get away as soon as we can."

Die von diesen Befürwortern geäußerte Kritik ist höchstens teilweise recht zulässig. Sie ist aber nicht so weitreichend, wie sie es zuweilen vorkommt. Es kann sich dabei um zwei verschiedene Arten von Kritik handeln. Eine derartige Kritik kann sich auf die Tatsache beziehen, daß die Befürworter der Einführung des Begriffs „Gesetz“ in die Rechtsordnung einen sehr engen Sinn verleihen. Sie kann aber auch auf die Tatsache beziehen, daß die Befürworter den Begriff „Gesetz“ in eine Weise verwenden, die es unmöglich macht, die Begriffe „Gesetz“ und „Recht“ voneinander zu trennen.

While he might still not be convinced out of his judgment and
his actions don't seem based on any real evidence, that makes him fit right
wherever will enter into negotiations. A strong will to negotiate, especially with those
who would want him gone, gives him many tools to negotiate with people he can
trust and work with because they know him and have known him before when
he was part of their team. He needs to make the majority of the relationships negoti-
ated and established again. Once they will be willing either to allow him

From all indications it will be necessary to begin feeding game animals earlier than last year.

Elk: The usual number of elk are wintering in the Riverside district, approximately 400 in the Gallatin district; about 100 in the Lake District. Since the 22nd of the month elk have been drifting out of the north side of the park into open hunting territory in herds ranging from 10 to 100 in number. No attempt has been made to count the northern elk herd this fall but counts for several of the ranger districts along the north side are as follows:

Belltowering 3000; Crevice, very few; Slough Creek 1000; near Specimen Ridge 750.

On November 29 approximately 150 elk were seen on the outside of the park near Beckard's Ranch but due to shots being fired before the opening hour these elk were able to return back into the park without being shot at. Most of the elk killed to date this year have been killed on the west side of the Yellowstone River, while last year practically all were killed on the east side. The open territory between the Game Preservation Ranch and the Game Preserve is proving to be a real slaughtering ground.

During the month William Bush, game investigator in the park, analyzed one of the elk carcasses and found that it contained about 43% protein. It is to be noted that the 40 tons of cottonseed cake which was bought by the Park Service for feeding the buffalo this fall contains 43% protein.

The following table gives the number of game animals killed in open hunting territory on the outside of the park boundary:

	Elk	Bear	Moose	Roe	Deer	Beaver	Antelope
North Line	103	23	2	5			**9
Crevice			3				
Gallatin	25		3				
Riverside	43		1	1			
Therofare	26	12	10			2	
Sylvan Pass	40	100					
Total	281	155	16	6	2		9

*Includes all territory in vicinity of Game Preservation Ranch east to Crevice.

**Coyote kills.

/Killed by mistake and left.

/*Two killed by mistake and left.

^Two illegal kills.

Scalene heart-shaped object of terracotta with 1200 ft. circumference. The most
curious and most valuable.

with children and no adults are the best sellers now.
also, who are still there after 10 years, will tell you an old fashioned book
will be more satisfying than new. Also stories will be more and easier to remember
and pleasure derived will last longer than new ones and the same stories
the audience will know all about and will have fun. All because the book is old
and people appreciate it more. So the answer is, old stories and old books should
be used, especially around the holidays, for children and adults.

After the first year, we will begin to see the results of our work.

The following table shows some of the most important results of the experiments made at the Bureau of Fisheries during the past year.

www.w3schools.com - free website, web programming and HTML tutorials

The results presented in Fig. 1 show that the equilibrium state was reached asymptotically after about 1000 iterations.

and different situations come to mind and wants called up from past and present times and the place to call on certain general steps

où l'heure politique peut être jouée par les deux partis. La volonté de maintenir l'ordre social

The first section of the new
law will take effect on January 1, 1967.

Deer: About 200 on the Game Preservation Ranch but due to the shooting in that vicinity an accurate count was not obtainable. There are 300 in the Grevice district, and the usual number at Old Faithful and Mammoth. Two deer, a doe and a buck, were unlawfully killed on the ridge west of the Game Preservation Ranch on the 20th. The offenders were not apprehended. Deer conditions noted as very good. Feed troughs were placed along the Mammoth-Gardiner road and in Mammoth for use in feeding the deer and sheep cottonseed cake throughout the winter as an experiment for bettering their condition.

Moose: Five moose were seen on the Gallatin Road near the Madison River, the latter part of the month. Very few were seen in the Snake River district. Several were reported in the Bechler River country.

Antelope: At the end of the month the antelope are seen in small bands on the large range throughout the Gardiner district, the largest count being 224 between Mammoth and Gardiner during the month of October. 95 were counted on the east side of the Yellowstone River, which is a very unusual occurrence. There are no antelope on the Game Preservation Ranch at the present time due, in all probability, to the heavy bombardment that takes place there every morning. Nine antelope were killed by coyotes along the north line.

Llamas: There are 12 mountain sheep on the bench lands east of Gardiner near the mouth of Bear Creek. Sheep are to be seen along the Mammoth-Gardiner road almost any day, the largest number reported as being farther back in the fastness of Mt. Evans. It is reported that there is one sheep on Cottonwood Creek in the Hellroaring district. Condition of all sheep is noted as very good.

Bear - Grizzly and Black: Practically all the bears have gone into hibernation. The tracks of one black bear were seen in Mammoth on the 21st. Signs were noted of one grizzly at Beaver Lake on the 20th.

Buffalo: The greater portion of the herd is in the Lamar Valley in the vicinity of the Buffalo Ranch and Specimen Ridge. The fall round-up took place November 24 to 27th inclusive. A total of 116 animals were rounded up for disposal as follows:

To W. D. Custer of Missoula, Mont., for slaughter	100
Yearlings shipped to Harry Cowell, Santa Cruz, Cal.	15
Yearling shipped to Clem A. Peters, Healing, W. Va.	1
(shipped to his ranch at Barnesville, Ohio.)	
Shipments were made on November 28th by express collect.	

Small Animals: A noted increase in the number of muskrats and their houses is observed on the Palisade marshes and streams. Otter are seen at various points on the Lake, and 3 have made their home under the boat dock at the Lake Hotel. There is a colony of six beaver making their home under the east end of Fishing Bridge where they have packed in a large

at each case should make up the sum of \$1000.

Additional sums may be given according to the number of persons who
are to receive them with their individual interests and at the same time provide

for the payment of interest on the amount of the sum given to each person.

Additional sums may be given to each person according to the number of persons
who are to receive them with the same conditions as those given to the first

sum given to each person.

Additional sums may be given to each person according to the number of persons
who are to receive them with the same conditions as those given to the second

sum given to each person.

Additional sums may be given to each person according to the number of persons
who are to receive them with the same conditions as those given to the third

sum given to each person.

Additional sums may be given to each person according to the number of persons
who are to receive them with the same conditions as those given to the fourth

sum given to each person.

Additional sums may be given to each person according to the number of persons
who are to receive them with the same conditions as those given to the fifth

sum given to each person.

Additional sums may be given to each person according to the number of persons
who are to receive them with the same conditions as those given to the sixth

sum given to each person.

Additional sums may be given to each person according to the number of persons
who are to receive them with the same conditions as those given to the seventh

sum given to each person.

Additional sums may be given to each person according to the number of persons
who are to receive them with the same conditions as those given to the eighth

sum given to each person.

Additional sums may be given to each person according to the number of persons
who are to receive them with the same conditions as those given to the ninth

sum given to each person.

Additional sums may be given to each person according to the number of persons
who are to receive them with the same conditions as those given to the tenth

sum given to each person.

Additional sums may be given to each person according to the number of persons
who are to receive them with the same conditions as those given to the eleventh

sum given to each person.

Additional sums may be given to each person according to the number of persons
who are to receive them with the same conditions as those given to the twelfth

supply of willows for winter food. Rabbits seem to be very plentiful this year and are seen everywhere. Several otter and one mink were reported seen at Lower Blacktail the latter part of the month.

Predatory Animals: Twenty-two coyotes were destroyed during the month, which makes a total of 31 to date, as compared with 64 for the same period in 1929, and 119 in 1938. One mountain lion track was seen near Canyon the latter part of the month.

Buffalo Ranch and Other Ranch Operations: But the early winter work has been in progress at the Buffalo and other ranches during the past month, which has consisted principally of feeding buffalo, cleanup work, care of stock and repair and maintenance of equipment.

On November 17 the Park Service horse herd was moved to the Yancey Ranch for the winter months.

400 - Museum Service: The October number of Nature Notes was completed and mailed on the 18th of November. Six days' work was done during the month on photographs, cataloging was kept up-to-date and titles typed. Work on organizing accumulated clippings into permanent form has been carried on. Four books and one bibliography manuscript were added to the library.

The finest collection of historical and Indian relics in the history of the Yellowstone Museum was acquired by purchase from the W. H. Everson collection in Bozeman, Montana. This acquisition was made possible by the generosity of Mr. George Pratt of New York City. Mr. William Bush donated a valuable Indian stone pipe with lead reinforcements, a hide scraper and three old rifles.

Field Naturalist Carl P. Russell left Yellowstone Park on the 19th, going east by way of Rocky Mountain National Park. Park Naturalist Dorr Yeager returned from his annual leave and resumed his duties on November 6th. Junior Park Naturalist Newell V. Joyner and the museum caretaker were on duty during the entire month.

500 - Use of Park Facilities by the Public

510 - Increase or Decrease in Travel

Roads throughout the park were closed by the heavy snows starting November 13. The road between West Yellowstone and Gardiner was later opened up by cars, and there was a small amount of travel over this road during the remainder of the month. The rangers from Lake, after a great deal of difficulty, made their monthly patrol into Mammoth by car on November 29. The following table shows the travel figures for the month:

	<u>Cars</u>	<u>Passengers</u>
North	118	413
West	25	91
East	35	122
South	36	76
Total.....	215	702

Letting you all get off with such a small fine would let the officers know how little respect you have for every citizen. I think it's time to move your A.L. with Andover to come

and get a full investigation done before any further incidents.

Also add that the State Investigators are working on this case and will be in touch with you soon. They will be able to tell you what they found out about this case. The State will be in

charge of this case and I would appreciate your doing the same.

Also add that the State Investigators are working on this case and will be in touch with you soon. They will be in charge of this case and I would appreciate your doing the same.

Also add that the State Investigators are working on this case and will be in touch with you soon. They will be in charge of this case and I would appreciate your doing the same.

Also add that the State Investigators are working on this case and will be in charge of this case and I would appreciate your doing the same.

Also add that the State Investigators are working on this case and will be in charge of this case and I would appreciate your doing the same.

Also add that the State Investigators are working on this case and will be in charge of this case and I would appreciate your doing the same.

RECEIVED - 10/10/1998 - 10:00 AM - 100

JAMES J. PAPAGIANNIS - 100 - 100

Also add that the State Investigators are working on this case and will be in charge of this case and I would appreciate your doing the same.

RECEIVED - 10/10/1998 - 10:00 AM - 100

100	100	100
100	100	100
100	100	100
100	100	100
100	100	100

100	100	100
100	100	100
100	100	100
100	100	100
100	100	100

100	100	100
100	100	100
100	100	100
100	100	100
100	100	100

This compared with 229 cars with 682 visitors last year. Travel to date consists of 4037 visitors traveling in 1220 cars, as compared with 3361 visitors traveling in 997 cars during the same period in 1939.

520 - General Weather Conditions

521 - In the Park

Frost depths over the park at the different ranger stations at the end of November are noted as follows:

Location	INCHES		
	1938	1939	1930
Crowe's	8	20	13
Canyon	12	16	10
Gallatin	6	9	12
Hellroaring	4	4	8
Lake	9	11	7
Mammoth	8	8	10
Riverside	10	5	13
Snake River	22	8	10
Sylvan Pass	10	6	8
Cooks	12	14	12
Tower Falls	4	15	12
Upper Slough Creek	9	15	10
Old Faithful	10	5	14

Weather Conditions at Mammoth Hot Springs: With a mean temperature of 28.4 the month averaged 2.3 degrees below normal. November is occasionally cooler, but usually warmer, than November, 1930. There was only one day in the month upon which the thermometer failed to drop below the freezing point at some time, the 12th, with a minimum temperature of 25. No other day had a minimum higher than 28. On twelve days the temperature failed to rise as high as 32°. After the 13th no temperature higher than 33° was recorded at any time. The month opened with fine Indian summer weather. During the first 11 days fair weather prevailed and temperatures were comparatively mild. Only a trace of precipitation occurred during this time. A cold wave, preceded by heavy snow, struck in on the 14th and 15th. A minimum temperature of 2° above zero was recorded at midnight, p.m., on the 14th. From the 13th on, minimum temperatures were markedly lower than earlier in the month, the lowest being -4 degrees on the 19th. A snowy period beginning on the 12th ran to the 21st, ending early in the morning on the latter date. Fair, cool weather prevailed the rest of the month.

The total precipitation was 1.11 inches, or 0.17 inch less than normal. Snowfall, however, was heavy. A total snowfall of 21.6 inches was recorded. This amount has been exceeded in four Novembers in the record running back to 1887, the greatest for the month being 37.5 inches in 1898. A fall of 11.2 inches of snow within 24 hours occurred on the 13th and 14th, an amount greater than ever previously recorded in November in any year of record. This remarkable snowfall has been exceeded but a few times here, all months considered. Since 1887 the greatest snowfall in 24 hours was 16.0 inches in January, 1895. On the morning of the 14th the 13.0 inches of snow on the ground was more than the records show as the greatest amount of snow on the ground in any November in previous years. This

which at present covers about one-half of the area now under cultivation and which, by December 1, 1900, will have completed irrigation. This is a distance of 100 miles below the head of navigation on the Colorado River.

Die Auswirkungen der Klimaänderung auf den Tourismus und seine Bedeutung für

Journal of Health Politics, Policy and Law, Vol. 34, No. 4, December 2009
DOI 10.1215/03616878-34-4 © 2009 by The University of Chicago

年月日	午前	午後	備考
10/10/10	0	0	新規登録
10/10/11	0	0	新規登録
10/10/12	0	0	新規登録
10/10/13	0	0	新規登録
10/10/14	0	0	新規登録
10/10/15	0	0	新規登録
10/10/16	0	0	新規登録
10/10/17	0	0	新規登録
10/10/18	0	0	新規登録
10/10/19	0	0	新規登録
10/10/20	0	0	新規登録
10/10/21	0	0	新規登録
10/10/22	0	0	新規登録
10/10/23	0	0	新規登録
10/10/24	0	0	新規登録
10/10/25	0	0	新規登録
10/10/26	0	0	新規登録
10/10/27	0	0	新規登録
10/10/28	0	0	新規登録
10/10/29	0	0	新規登録
10/10/30	0	0	新規登録
10/10/31	0	0	新規登録

which would have been a very difficult task. Although the post-Han period
is characterized by the absence of a single ruler who could control the entire state,
and by the splitting up of the empire into smaller units, the centralization of power
was still maintained. The Han emperors were able to maintain their authority
through the use of their personal bodyguards, the eunuchs, who were
not part of the regular army but were used more as political instruments than military
units. They were also used to keep the emperors away from the military
leadership, which was controlled by the nobility. This system of government
was known as the 'Inner Court' or 'Inner Palace'. It was a highly centralized
system, with the emperor at the center, surrounded by his inner circle of
eunuchs and officials. The eunuchs were responsible for maintaining
order and discipline within the palace, and they were also
responsible for keeping the emperor informed about
the affairs of the state. They were also used to
keep the emperor away from the military
leadership, which was controlled by the nobility.

and would think that the standard Airstrip will be continuing along and
therefore have to go back to the original plan. I would like to know if you can
get some numbers from the old standard plan at least as good and
then we could do it. If the Airstrip is being set around the point where the old
one was made another option is to go back and add on to the new one.
I would appreciate any help you can give us.

snow, because of the continuous cool weather, held its bulk remarkably well. At the close of the month the depth of snow on the ground had dropped only to 10.5 inches. The continuance of so heavy a snow cover in November is without precedent in that month.

There were 7 clear days during the month, 10 partly cloudy, and 13 cloudy. The sunshine was 64% of possible. Southwest wind prevailed, the average hourly velocity, 5.6 miles, being lower than ever before recorded in a November. A maximum velocity of 38 miles an hour, from Southwest, occurred on the 12th.

900 - Miscellaneous:

Hospital and Medical Service: Dr. P. L. Gailhard, Resident Physician, submits the following report for the month of November:

Office Visits.....	84
Home Visits.....	25
Total.....	119
Visits of 100 to 300 miles.....	2

Post Office: The Post Office was on a winter basis and nothing unusual to report. Postmaster Lindley was on annual leave until the 27th of November, the office being in charge of Asst. Postmaster C. C. Marsh in his absence.

Church Services: Services were held in the Lodge Room by Rev. L. D. Smith of Livingston, Mont., November 9, also by Rev. Webster E. Clement of Livingston, Montana, on November 25.

- - - - -

The local Civil Service Board held an examination for the position of Junior Stenographer on November 18. One person took the examination.

On the morning of December 1 word was received here of the death of Margaret Fryer, youngest daughter of Mrs. Anna K. Fryer, who operates the Park Curie Shop at Mammoth Hot Springs. Margaret Fryer died in Los Angeles, California, on the night of November 30, at the age of 20 years. Her passing is greatly mourned by her many friends in the Yellowstone.

- - - - -

Very truly yours,

Joseph Joffe
Acting Superintendent.

quarantine time will have resulted from quarantine and the amount of time
that humans will be forced to spend with others will be much less. This
time may be spent in areas of the community with around 0.2% of other people
which is still at below the 1% threshold.

Another reason why there will probably not need to be more strict
quarantine laws is because of the new guidance will include if an
unvaccinated person does not feel well they can self-isolate. There are also
times when there are cases of the common cold or a cold in all regions
which will not be treated as COVID-19.

ANSWERING - Q9

Another concern is if we continue to have social distancing
measures to stop the spread of the virus will they still be effective?

It is important to have
social distancing measures in place to prevent the spread of COVID-19.
These measures are now voluntary measures through the use of masks
and physical distancing. By requiring all public places to implement the
same measures it will help to prevent the spread of COVID-19.

Another benefit of having these measures in place is that it will help to prevent the spread of COVID-19. These measures are now voluntary measures through the use of masks
and physical distancing. By requiring all public places to implement the
same measures it will help to prevent the spread of COVID-19.

Another benefit of having these measures in place is that it will help to prevent the spread of COVID-19. These measures are now voluntary measures through the use of masks
and physical distancing. By requiring all public places to implement the
same measures it will help to prevent the spread of COVID-19.

Another benefit of having these measures in place is that it will help to prevent the spread of COVID-19. These measures are now voluntary measures through the use of masks
and physical distancing. By requiring all public places to implement the
same measures it will help to prevent the spread of COVID-19.

Another benefit of having these measures in place is that it will help to prevent the spread of COVID-19.

Another benefit of having these measures in place is that it will help to prevent the spread of COVID-19.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

10-157
(July, 1929)

TRAVEL REPORT

YELLOWSTONE

NOVEMBER 1929

National Park for the month of

	This Month	This Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year
					Number Percent
PRIVATE TRANSPORTATION:					
Cars first entry,	215	1220	229	997	225 22%
Cars reentry,		104		124	-20 16%
Motorcycles,		1		0	1 100%
Total motor vehicles,	215	1325	229	1121	204 18%
Persons entering via motor vehicles,	702	4037	582	5301	756 22%
Persons entering via other private transportation,					
Total persons entering via private transportation,	702	4037	582	5301	22%
OTHER TRANSPORTATION:					
Persons entering via stages,					
Persons entering via trains,					
Persons entering otherwise,					
Total other transportation,					
GRAND TOTAL ALL VISITORS,	702	4037	582	5301	22%

	This Year	Last Year	Increase
			Number Percent

Automobiles in public camps during month,

Campers in public camps during month,

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
UNITED STATES

10-123
July 19

TRAVEL REPORT

National Park for the month of

TRANSPORTATION ETAVIR

1000 000 000 000 000 000 000

Lessons entering via motor
epicicles.

seasons entering via other
routes transposition.

Total persons entering vis
tives transportation

TRANSPORTATION

lessons afterlife via stage
in life via stage

Total other transients

GRAND TOTAL ALL VISITORS.

Digitized by srujanika@gmail.com

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

YELLOWSTONE

National Park for the Month of

NOVEMBER, 1930.

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date Completion
02 - Mammoth-Morris Road	98	3	15	July 1, 1931
95.1 - Madison-Old Faithful	100			Oct. 15, 1930
25.4 - Signs	65	5	40	
25.5 - Post Conct. Maint.	40	5	35	July 1, 1931
25.6 - Bear Feeding Grounds	95	0	10	Oct. 30, 1930
25.7 - Lewis River Bridge	99	0	0	
25 - Old Faithful Trails	50	0	12	July 1, 1931
28 - " " Parking	95	0	5	July 1, 1931
29.1 - Artist Point Cleanup	100	10	10	
29.2 - Artist Point Oiling	20	0		
30.1 - Morris-Madison Oil	80	0	0	
30.2 - Morris-Madison Cleanup	95	5	40	Nov. 15, 1930
30.3 - " " Bridge	0	0	0	
32 - R. But. Lake Butte Cleanup	99	49	45	" 15, 1930
33 - Canyon-Tower Jet.Cleanup	100			" 15, 1930
36 - Mammoth Water System	50	15	10	July 1, 1931

UNITED STATES

THE INTERIOR ELEMENTS OF THE TRAJECTORY

WILDERNESS PARK SERVICE

ATLANTA WITH PRIZED PROJECTS

1567-1946 Book for the Month of October

**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

YELLOWSTONE National Park for the month of **NOVEMBER, 1930.**

	This Month	This Month Last Year
Number of employees beginning of month,	77	77
Number of additions,	0	0
Total,	77	77
Number of separations,	4	1
Number of employees close of month, . . .	73	76
Number of promotions during month	0	0
Aggregate amount of annual leave taken,	243 1/2	162
Aggregate amount of sick leave taken,	16	30
Aggregate amount of leave without pay,	0	50

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATISTICS OF PERSONNEL

National Park for the month of

Last Year	This Month

Number of employees beginning of month

Number of additions

Total

Number of separations

Number of promotions during month

Average amount of annual leave taken

Average amount of sick leave taken

Average amount of leave without pay

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

YELLOWSTONE

NOVEMBER, 1930.

National Park for the Month of

	This Year	Last Year
Park revenue on hand beginning of month,	None	None
Received,	14,864.83	5,502.08
Total,	14,864.83	5,502.08
Remitted,	14,864.83	5,502.08
On hand close of month,	None	None
<hr/>		
Park revenues received this year to date,	\$ 171,634.53	
Park revenues received last year to date,	175,705.63	
Increase,	4,701.10	
Per cent of increase,	2	
<hr/>		

DEPARTMENT OF THE INTERIOR

10-160

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

National Park for the Month of

Year	This Year	Last Year
1940	1,444,40	1,444,40
1941	1,444,40	1,444,40
1942	1,444,40	1,444,40
1943	1,444,40	1,444,40
1944	1,444,40	1,444,40
1945	1,444,40	1,444,40
1946	1,444,40	1,444,40
1947	1,444,40	1,444,40
1948	1,444,40	1,444,40
1949	1,444,40	1,444,40
1950	1,444,40	1,444,40
1951	1,444,40	1,444,40
1952	1,444,40	1,444,40
1953	1,444,40	1,444,40
1954	1,444,40	1,444,40
1955	1,444,40	1,444,40
1956	1,444,40	1,444,40
1957	1,444,40	1,444,40
1958	1,444,40	1,444,40
1959	1,444,40	1,444,40
1960	1,444,40	1,444,40
1961	1,444,40	1,444,40
1962	1,444,40	1,444,40
1963	1,444,40	1,444,40
1964	1,444,40	1,444,40
1965	1,444,40	1,444,40
1966	1,444,40	1,444,40
1967	1,444,40	1,444,40
1968	1,444,40	1,444,40
1969	1,444,40	1,444,40
1970	1,444,40	1,444,40
1971	1,444,40	1,444,40
1972	1,444,40	1,444,40
1973	1,444,40	1,444,40
1974	1,444,40	1,444,40
1975	1,444,40	1,444,40
1976	1,444,40	1,444,40
1977	1,444,40	1,444,40
1978	1,444,40	1,444,40
1979	1,444,40	1,444,40
1980	1,444,40	1,444,40
1981	1,444,40	1,444,40
1982	1,444,40	1,444,40
1983	1,444,40	1,444,40
1984	1,444,40	1,444,40
1985	1,444,40	1,444,40
1986	1,444,40	1,444,40
1987	1,444,40	1,444,40
1988	1,444,40	1,444,40
1989	1,444,40	1,444,40
1990	1,444,40	1,444,40
1991	1,444,40	1,444,40
1992	1,444,40	1,444,40
1993	1,444,40	1,444,40
1994	1,444,40	1,444,40
1995	1,444,40	1,444,40
1996	1,444,40	1,444,40
1997	1,444,40	1,444,40
1998	1,444,40	1,444,40
1999	1,444,40	1,444,40
2000	1,444,40	1,444,40
2001	1,444,40	1,444,40
2002	1,444,40	1,444,40
2003	1,444,40	1,444,40
2004	1,444,40	1,444,40
2005	1,444,40	1,444,40
2006	1,444,40	1,444,40
2007	1,444,40	1,444,40
2008	1,444,40	1,444,40
2009	1,444,40	1,444,40
2010	1,444,40	1,444,40
2011	1,444,40	1,444,40
2012	1,444,40	1,444,40
2013	1,444,40	1,444,40
2014	1,444,40	1,444,40
2015	1,444,40	1,444,40
2016	1,444,40	1,444,40
2017	1,444,40	1,444,40
2018	1,444,40	1,444,40
2019	1,444,40	1,444,40
2020	1,444,40	1,444,40
2021	1,444,40	1,444,40
2022	1,444,40	1,444,40
2023	1,444,40	1,444,40
2024	1,444,40	1,444,40
2025	1,444,40	1,444,40
2026	1,444,40	1,444,40
2027	1,444,40	1,444,40
2028	1,444,40	1,444,40
2029	1,444,40	1,444,40
2030	1,444,40	1,444,40
2031	1,444,40	1,444,40
2032	1,444,40	1,444,40
2033	1,444,40	1,444,40
2034	1,444,40	1,444,40
2035	1,444,40	1,444,40
2036	1,444,40	1,444,40
2037	1,444,40	1,444,40
2038	1,444,40	1,444,40
2039	1,444,40	1,444,40
2040	1,444,40	1,444,40
2041	1,444,40	1,444,40
2042	1,444,40	1,444,40
2043	1,444,40	1,444,40
2044	1,444,40	1,444,40
2045	1,444,40	1,444,40
2046	1,444,40	1,444,40
2047	1,444,40	1,444,40
2048	1,444,40	1,444,40
2049	1,444,40	1,444,40
2050	1,444,40	1,444,40
2051	1,444,40	1,444,40
2052	1,444,40	1,444,40
2053	1,444,40	1,444,40
2054	1,444,40	1,444,40
2055	1,444,40	1,444,40
2056	1,444,40	1,444,40
2057	1,444,40	1,444,40
2058	1,444,40	1,444,40
2059	1,444,40	1,444,40
2060	1,444,40	1,444,40
2061	1,444,40	1,444,40
2062	1,444,40	1,444,40
2063	1,444,40	1,444,40
2064	1,444,40	1,444,40
2065	1,444,40	1,444,40
2066	1,444,40	1,444,40
2067	1,444,40	1,444,40
2068	1,444,40	1,444,40
2069	1,444,40	1,444,40
2070	1,444,40	1,444,40
2071	1,444,40	1,444,40
2072	1,444,40	1,444,40
2073	1,444,40	1,444,40
2074	1,444,40	1,444,40
2075	1,444,40	1,444,40
2076	1,444,40	1,444,40
2077	1,444,40	1,444,40
2078	1,444,40	1,444,40
2079	1,444,40	1,444,40
2080	1,444,40	1,444,40
2081	1,444,40	1,444,40
2082	1,444,40	1,444,40
2083	1,444,40	1,444,40
2084	1,444,40	1,444,40
2085	1,444,40	1,444,40
2086	1,444,40	1,444,40
2087	1,444,40	1,444,40
2088	1,444,40	1,444,40
2089	1,444,40	1,444,40
2090	1,444,40	1,444,40
2091	1,444,40	1,444,40
2092	1,444,40	1,444,40
2093	1,444,40	1,444,40
2094	1,444,40	1,444,40
2095	1,444,40	1,444,40
2096	1,444,40	1,444,40
2097	1,444,40	1,444,40
2098	1,444,40	1,444,40
2099	1,444,40	1,444,40
20100	1,444,40	1,444,40

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

~~YELLOWSTONE~~

National Park for the Month of

NOVEMBER, 1930.

	This Month	This Month Last Year	Increase	Percent Increase
Miles of circuit maintained	528	528	0	0
No. of telephones connected	173	160	13	.081
No. of measured service calls				
No. of other local calls				
Total No. of local calls	5810	5453	357	6
Peak load in calls per day	298	380	-82	-21

Receipts from measured service calls.

Receipts from coin boxes.

Receipts from telephone rental.

TOTAL RECEIPTS

LONG DISTANCE BUSINESS

No. Outbound calls.	92	68	24	3
No. Inbound calls	93	84	84	5

TOTAL LONG DISTANCE CALLS

Peak load in calls per day.	10	11	-1	.09
Receipts from Long Distance business.				

TELEGRAPH BUSINESS

Messages via Western Union.

Messages via.

TOTAL MESSAGES

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

TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPT-

2. TAT'S GETTIN'

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

CHICAGO

Digitized by Google

THE DISTANCE CALLS

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

NOVEMBER 1930

YELLOWSTONE National Park for the Month of

	This Month	This Travel Year	This Month	Last Travel Year	Increase for Travel Year
		To Date	Year	To Date	Number Percent
Current generated,	59510.0	371532.0	61390.0	551670.0	19362.0 5
Sold to park operators,	1078.3	58674.8	533.8	62277.1	-3602.8 5
Sold to others,					
Furnished to other Governmental agencies,					
Used by National Park Service, lost in transit, etc.,	58431.7	312637.2	60351.2	229592.9	23454.8 8
Total current generated,	59510.0	371532.0	61390.0	551670.0	19362.0 5
Amount receivable from the sale of electricity,					\$ 53.91

* 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

Electricity Generated	Sold	Used	Lost	Wasted	Unclassified
To Date	Year	Last	This	This	Total
Month	Year	Travel	Mountains	Travel	Years

Cashed by K. W. H.

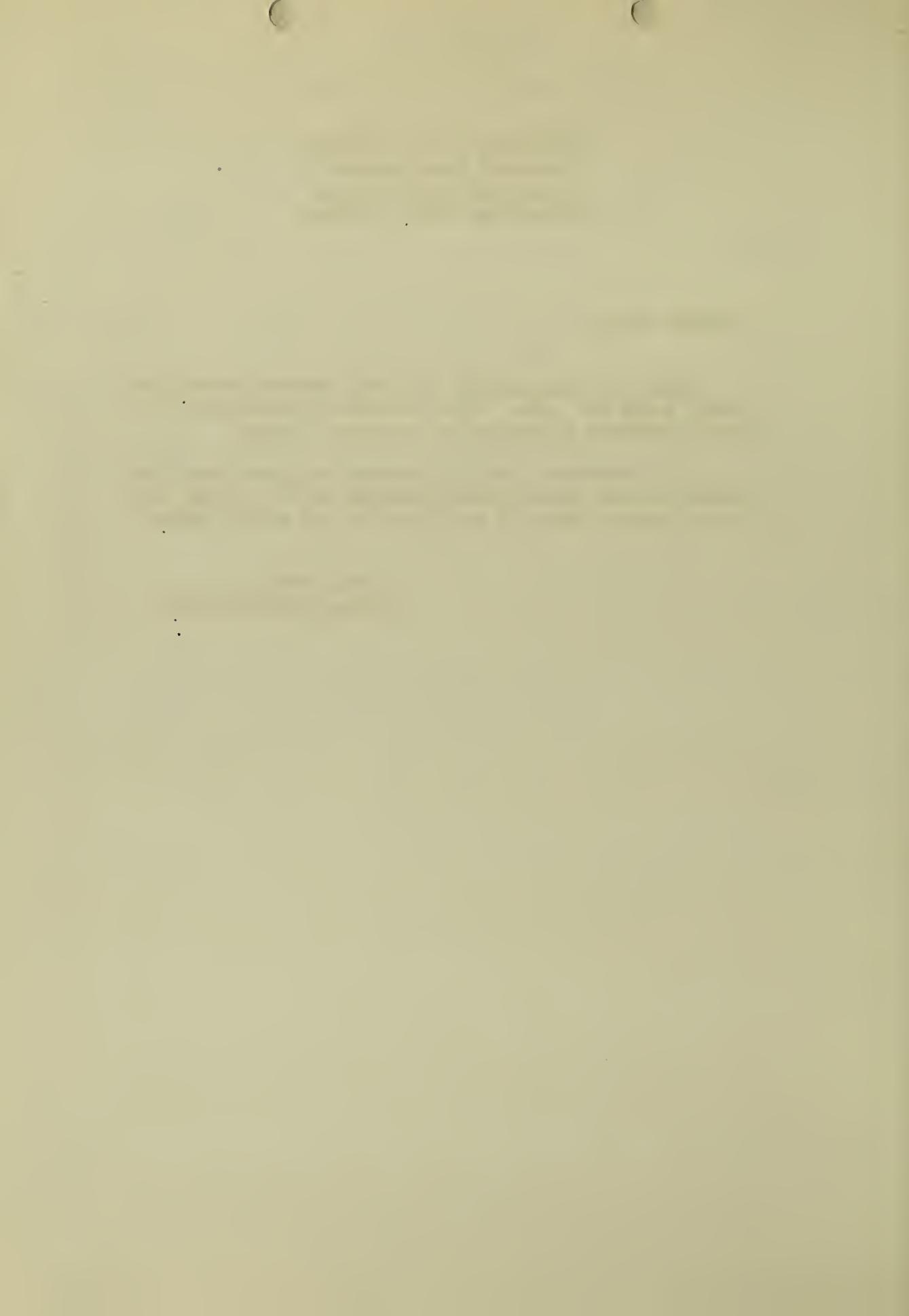
Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone Park, Wyoming.

CIRCULAR NO. 12

Effective immediately, and until further notice, the market wagon will make trips to Gardiner on Monday afternoon, Wednesday afternoon and Saturday morning.

It is essential that all Mammoth residents have their orders in with the stores in Gardiner so as to cause the least possible delay to the driver of the market wagon.

Joseph Joffe,
Acting Superintendent.



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

YELLOWSTONE RANGER NEWS BULLETIN

November, 1930

Vol. 1 No. 1-

Roger W. Toll, Superintendent

George F. Bagley, Chief Ranger

It is felt that some method of disseminating general news of the Ranger Department, and other news of the Park especially for the Park Rangers, is needed. This bulletin is purely an experiment with that end in view. For the present, definite dates for its publication will not be set, but when subject matter is on hand and time permits it will be issued. It will not encroach on the "Nature Notes from Yellowstone", nor will anything be published here that properly belongs in the Nature Notes.

We hope you like it. May we have your comments and suggestions for improvements in future issues? Your interest and cooperation in sending in to this office any items of interest to the Ranger Organization in general will be appreciated.

* * * * *

The new form now in use for rangers' monthly reports has proven very satisfactory. We are getting some splendid monthly and annual reports which indicate interest and real work in preparing them.

* * * * *

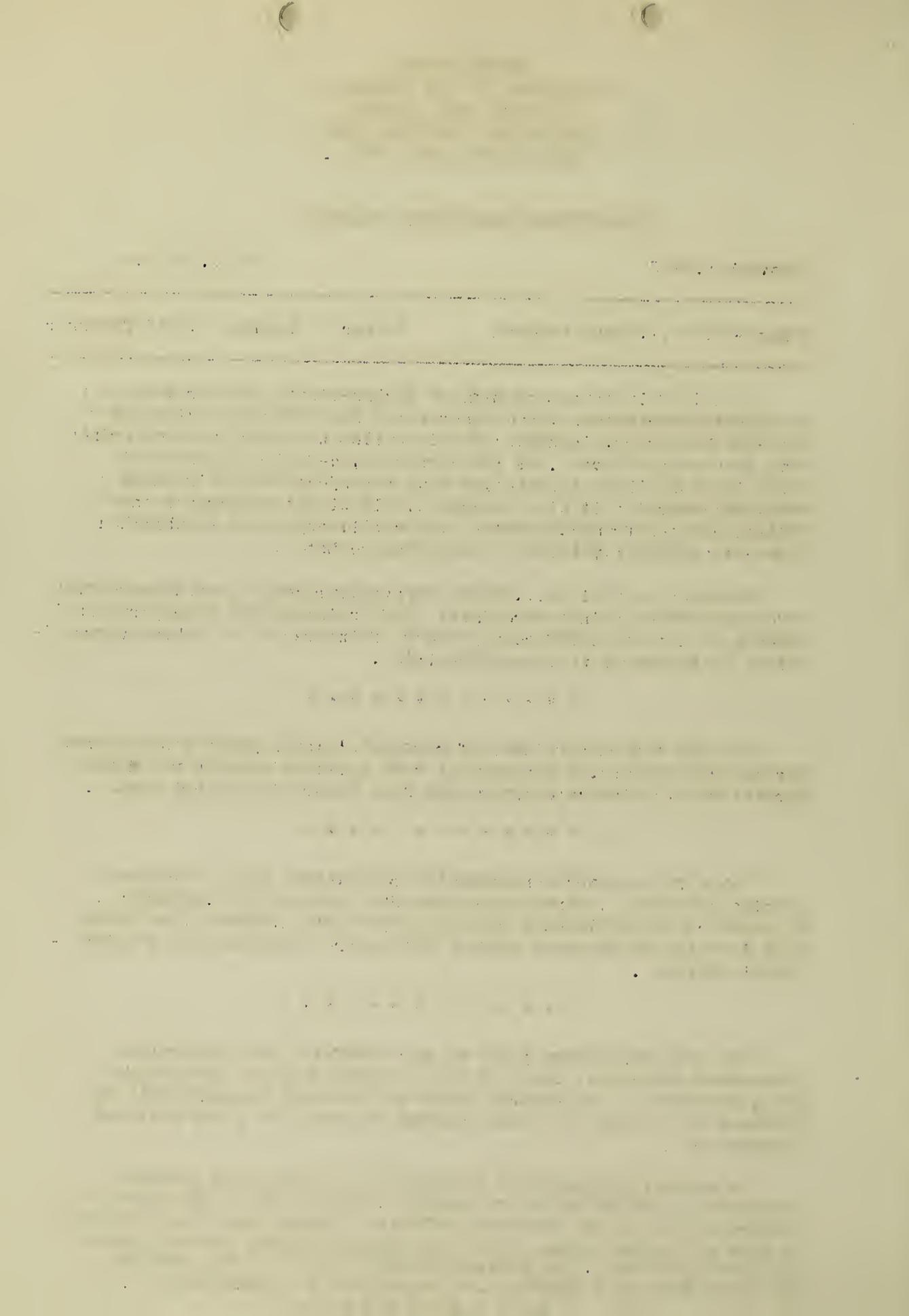
The fire protection program for Yellowstone calls for three primary lookouts. One was completed this year on Mt. Sheridan. We expect to build another one next year on Mt. Holmes. The third will be built on the east side of the park, completing the triangulation system.

* * * * *

The type map survey which we got under way last spring has progressed very well. Most of that section south of the Madison River and west of the Bechler River to the south boundary will be finished this year. The crew started to work June 1 and finished November 1.

In gathering data for a type map of the park many problems confronted us which had to be solved. The absence of any previous surveys to tie to was the most difficult. Enough data was obtained to show all forest types, open land, ages, classes, forest insects and tree diseases. The finished product will be a map showing all these facts at a glance. Its value will be immeasurable.

* * * * *



YELLOWSTONE RANGER NEWS BULLETIN

2

When the drought hit the Buffalo Ranch and burned up our hay crop a contract was let for the cutting of 150 tons of hay on Pelican Meadows and delivering it to the Buffalo Ranch at a cost of \$15.00 per ton. The average annual hay crop on the Buffalo Ranch over a period of years has been 588 tons per year. With the present herd of 1200 buffalo, about 800 tons of hay are required per year to properly feed them. We have purchased in all, 200 tons of hay and 40 tons of cottonseed cake to use at the Buffalo Ranch this winter.

A new Farmall Tractor was purchased for the Buffalo Ranch and 122 acres were plowed for reseeding next spring.

W. S. Custer of Missoula, was the successful bidder for the 100 surplus buffalo to be slaughtered at the ranch this year, at a price of \$38.00 per head. As most of the animals selected for slaughter are bulls and other old stock, this is considered a fair price. We also expect to ship some live buffalo to zoos and parks throughout the country.

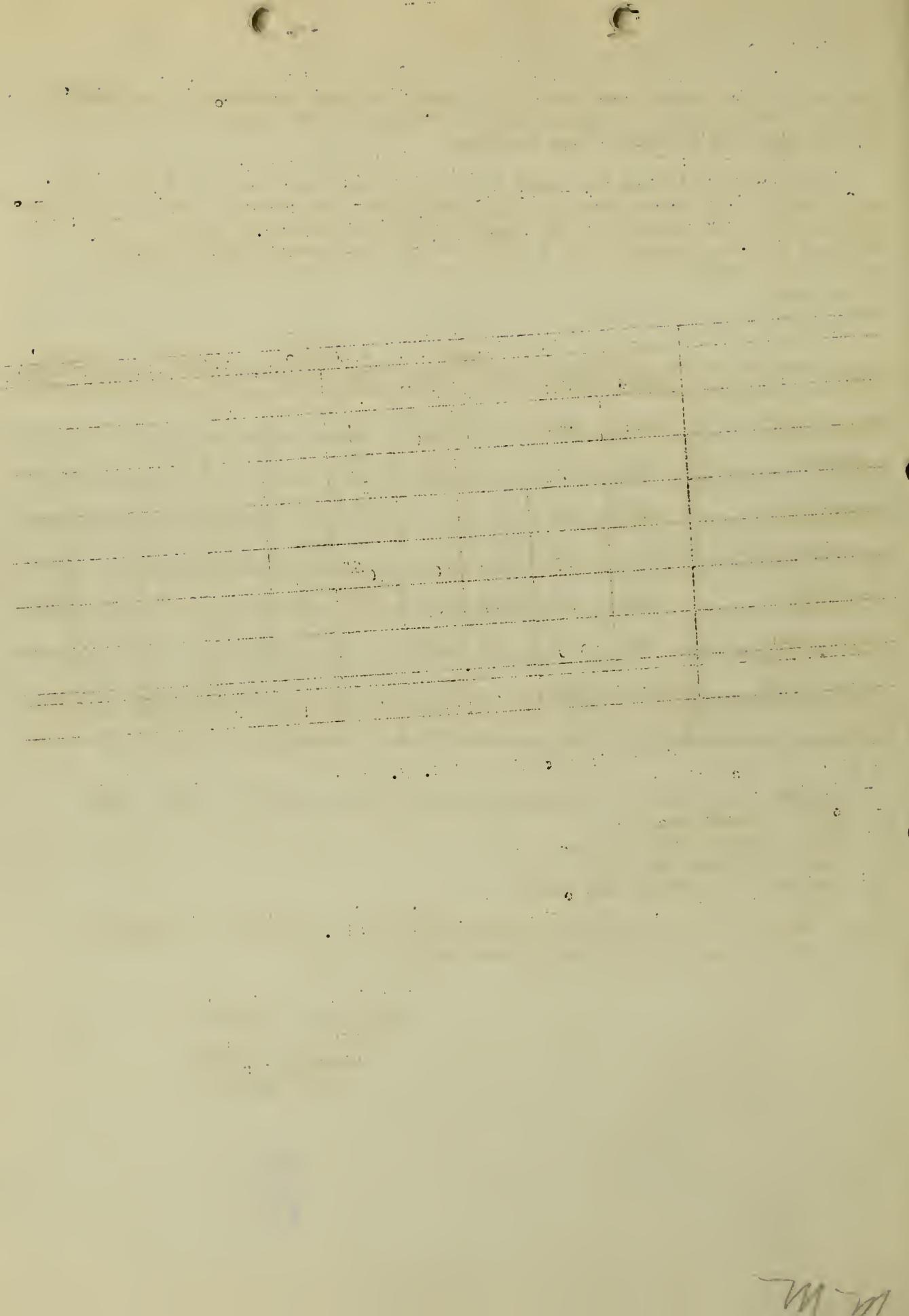
* * * * *

During the latter part of September nine bears were shipped to various parks. Three grizzlies went to the Liberty Park Zoo at Salt Lake City; two went to the San Diego Zoo, San Diego, California; one was shipped to the W. R. Hearst Zoological Gardens at San Simeon, California; one to the Columbus Zoo at Columbus, Ohio; and two brown bears were sent to the Washington Park Zoo at Michigan City, Indiana. The Washington Park Zoo also wants two grizzlies whenever we can capture them, which will probably be in the spring.

* * * * *

Nine coyotes were killed during the month of October, as compared with 22 last year and 81 in 1928.

* * * * *



DIETER
BINDS
BETTER
ENVER CO.

