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

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FILE NO.

*AW*

MONTHLY REPORT

December, 1937

IMPORTANT

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ARNO B. CAMMERER,  
*Director.*



DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

January 5, 1938

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

Dear Mr. Director:

The following is the report of activities in Yellowstone National Park during the month of December, 1937:

000 - General

The weather during the month, while not too severe, provided considerable moisture, the precipitation for the month being recorded as 1.34 inches as against 1.21 inches for December, 1936. This is the greatest amount of precipitation since 1930, with the exception of 1933 when 1.38 inches were recorded. Total snowfall for the month was 14.4 inches against a normal of 12.7 inches. However, an earlier lack of snow this season leaves a deficiency of 30 per cent at the close of December. An unusual feature of December weather was for rain to continue from the 10th through the 11th to the 12th accompanied by continuous thawing temperatures, and followed by mild temperature and sunshine. This warm spell with one-half inch of rain melted away the snow that usually covers the ground around the park headquarters this month. The snow line for some days was near the 7,000 foot contour for both north and south mountain slopes. Above the 7,000 foot elevation the snow melted down some and formed a thick crust of ice and smooth glaze. At Bächler River, southwest of the Continental Divide, the same storm brought heavy precipitation, including 8 inches of snow and over 2 inches of rain. This formed an ice crust over  $1\frac{1}{2}$  feet of old snow in that part of the park. The mean temperature of 22.5° this December was 2.8° above normal and the fifth consecutive December to be above normal. Only four days touched below zero temperatures, 9 below on the 7th, 11 below on the 8th, 3 below on the 9th and 6 below on the 23d. A high wind averaged 25 miles per hour from 8 a.m. Sunday, December 26 to 11 a.m. the 27th. From 6.06 p.m. to 6.11 p.m. the 26th the wind reached 41 miles per hour. Strong gusts were general through the period; the highest velocity for one minute was 54 miles per hour at 5.55 p.m.

The Yellowstone Park Company continued work on its Mammoth development until the 15th of the month. Work is to be resumed again about the first of March. Considerable progress has been made in preparing the new cabins and the recreation building for use next summer.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

January 3, 1938

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

Dear Mr. Director:

The following is the report of activities in Yellowstone National Park during the month of December, 1937:

1000 - General

The weather during the month was generally good, with no snow, provided the wind was not too strong. The precipitation for the month is recorded as 1.12 inches on January 1st, 1938. The precipitation for the month of December 1937 was 1.50 inches more recorded. Total precipitation for the month was 1.12 inches against a total of 12.7 inches. However, an additional 1.50 inches was also received a sufficient amount of the month of December. The general feature of December weather was the rain to continue from the 10th through the 11th to the 15th accompanied by occasional light snowfalls, and followed by light snowfalls and sleet. This was followed by a half inch of rain on the 16th and 17th. The snow this covers the ground around the north entrance of the park. The snow this for the 18th was less than 1/2 inch. The snow for the 19th and 20th was also less than 1/2 inch. The snow for the 21st and 22nd was also less than 1/2 inch. The snow for the 23rd and 24th was also less than 1/2 inch. The snow for the 25th and 26th was also less than 1/2 inch. The snow for the 27th and 28th was also less than 1/2 inch. The snow for the 29th and 30th was also less than 1/2 inch. The snow for the 31st was also less than 1/2 inch.

The Yellowstone Park Game Warden continued work on the game warden's report and will be in the office of the Superintendent of the Park during the month of January, 1938. The game warden's report will be in the office of the Superintendent of the Park during the month of January, 1938.

Peter Kiewit and Sons Company, the contractor on the Mammoth Esplanade project ceased operations on the 18th of the month due to weather conditions but minor work continued a few days later. This contractor has made excellent progress and will be well prepared to continue the work when it is opened up again in the spring.

The Christmas spirit was very evident in the Mammoth community and many of the residents decorated their homes with lights, wreaths, and other decorations indicative of the holidays. Numerous animated figures were cut out of beaver board and were placed around a large 35-foot Christmas tree and in the yard in front of the Canteen building. Mickey Mouse, Donald Duck, Minnie Mouse, Pluto, Popeye, several penguins, and other famous cartoon characters were in evidence. There was a large snow man armed with a shovel and three brownies were placed around the bottom of the tree. There was also a kangaroo, a giraffe, and Fritz the Katzenjammer Kid. A small girl looked out of the school building window wishing everyone a Merry Christmas. Another little girl was depicted looking through the fence portraying Alice-in-Wonderland. Santa was peering through a high window in the Canteen building. On the steps of the Mammoth jail were two carol singers with a constant flow of Christmas music emanating from a loud speaker behind the figures. The clever animated characters, lifelike reproductions, were prepared by the residents of the Mammoth community and created considerable interest and added greatly to the Christmas spirit. On Christmas Eve Santa visited at the Canteen building and distributed toys, candies, fruits and nuts to the many children of the community while the school children provided the Christmas entertainment. The program was a repetition of the program given by the children in the Canteen building on the afternoon of the 17th, the last day of school before the Christmas holidays. The Mammoth school was closed from the 18th to January 2, inclusive. On Sunday night Christmas services were held in the park Chapel with Reverend Lewis D. Smith of the Episcopal Church, Livingston, conducting, the Mammoth children composing the choir.

Dr. Paul Gailmard, who has been the resident physician in the park for the park medical officer, Dr. G. A. Windsor, since August, 1936, severed his connections as such and departed on December 20 for California. Until such time as a successor to Dr. Gailmard is appointed Nurse Delia Grassl has been assigned to the park by Dr. Windsor to take care of emergency cases. Word was received late in the month at the Department had approved the extension of Dr. Windsor's contract another year to December 31, 1938, pending the preparation of a new contract for the park's medical service

On December 20 word was received that the Secretary of the Interior had called a conference of park superintendents to be held in Washington from January 17 to 21. Superintendent Rogers being on leave in Denver will go to Washington from Denver for the conference before returning to the park.





Figures used in Christmas Decorations of  
Mammoth school yard.





Figures used in Christmas Decorations of  
Mammoth school yard.



Photos by William B. Kearns.



Grouped figures used in Christmas Decorations  
of Mennoth school yard.



Photo by William E. Yearns.



For the third time during the year 1937, death visited the home of Master Mechanic and Mrs. R. R. Robinson, Jr. with the passing of Mrs. Robinson's father, Leroy Hill. Mrs. Robinson's mother, Mrs. Leroy Hill, died in the Park Hospital in Livingston on January 26, 1937 and on November 15, 1937 the Robinsons lost their 13 year old son, Robert Leroy (Pud) through accidental shooting. Leroy Hill was born October 25, 1868 at Eastport, Iowa and served 38 years of his life in the service of "Uncle Sam". He was with the Missouri River Commission at St. Louis, Missouri from 1895 to 1902 and in 1902 was appointed as Chief Clerk with the Corps of Engineers in Yellowstone National Park. He arrived in the park on August 1, 1902 on the first train to reach the north entrance at Gardiner. Mr. Hill served with the Engineering Corps of the Army in the park until 1918 when the park was transferred to the National Park Service of the Department of the Interior. Mr. Hill took up his duties as Purchasing Clerk and Special Disbursing Agent on July 1, 1918 with the National Park Service. He served as Assistant Superintendent from May 5, 1922 to October 16, 1927, on which latter date his designation was changed to Disbursing Clerk due to his inability to perform the duties of Assistant Superintendent because of his health. He retired from the Service, due to disability, on May 1, 1931 and since that time until the death of his wife he lived in Livingston, Montana. Following Mrs. Hill's death Mr. Hill lived with the Robinsons at their home at Mammoth. He was stricken with a heart attack while on a trip to Utah last October and had been in very poor health ever since, requiring constant care. He died peacefully at the Robinson home at Mammoth at 12:20 p.m. on December 27. Mr. Hill was survived by one sister, Mrs. Harry F. Todd of Chicago, and his daughter Grace Robinson. Funeral services were held in Livingston, Montana from the Merrill Mortuary on the afternoon of December 30 and interment was in the Mountain View Cemetery in Livingston. Messrs. Emmert, Joffe, Elliott, Ebert, Seasholtz, and Oberhansley of the park force, in uniform, acted as pall bearers. A beautiful evergreen blanket made by the ladies of the community under the direction of Mrs. T. Paul Wilcox adorned the casket.

The new Mammoth Post Office, costing approximately \$85,000, was officially accepted on December 30 and turned over to the Postmaster, Claude Anthony. Siegfus Brothers of Salt Lake City, Utah was the original contractor on the project. It was necessary for the bonding company to take over the completion of the project due to unsatisfactory work and a contract for the completion was let to Coomer and Small of Sioux City, Iowa who finished the job. The new Post Office is a fine addition to the Mammoth structures and will afford a decided improvement over the old Post Office for park visitors and Mammoth residents.

Due to the critical condition of the park's finances the Park Service operated with a minimum of personnel, practically all work being taken care of by the permanent organization. It was necessary to employ a few truck drivers near the end of the month to unload coal.

For the third time during the year 1935, death attended the loss of  
Major General and Mrs. A. S. ... with the passing of ...  
Major General's ... Mrs. ...'s ... Major ...  
died in the ... in ... on ... and on  
November 15, 1935 the ... lost their 11 year old son, Robert ...  
(193) ... Major ... was born October 25,  
1920 at ... Iowa and served 30 years of his life in the ...  
of " ...". He was with the ... over ... of ...  
... from 1933 to 1934 and in 1934 was appointed as ...  
... in Yellowstone National Park. He ... in the  
... on August 1, 1936 on the first train to reach the north ...  
at ... Major ... arrived with the ... of the ...  
the ... with the ... transferred to the ...  
... of the ... of the ... Major ... took up his ...  
... as ... and ... Major ... on July 1, 1918 with  
the ... service. He served as ...  
July 2, 1917 to October 15, 1917, in which latter date the ...  
was changed to ... due to his inability to ...  
... of ... of his ... on ... since that time  
until the death of his wife in ...  
Major ... lived with the ... at ...  
... He was ... with a heart attack while on a trip to ...  
last October and had been in very poor health ever since, ...  
... He died ... at the ... at ...  
12:30 p.m. on October 27, 1935. Major ... was survived by one sister, Mrs.  
Harry A. ... and his daughter Grace ...  
... were held in ... from the ...  
... 30 ... in the ...  
... in ... Major ...  
and ... of the ... acted as ...  
... by the ladies of the community ...  
the ... of ... and ...

The ... of ... costing approximately \$37,000, was  
officially ... on ... and turned over to the ...  
... of ... City, ... the  
... on the project. It was necessary for the ...  
... of the project due to ...  
... was let to ... and ...  
... the new ... is a fine  
... and ...  
... for ... and ...

Due to the critical condition of the park's finances the ...  
... with a ... practically all ...  
... of the ... it was necessary to employ  
... the end of the month to unload ...



## 020 - General Weather Conditions

A summary of the general weather conditions as recorded by the official U. S. Weather Bureau at Mammoth will be found at the back of this report.

## 021 - In the Park

Weather conditions over the entire park have been comparable to those recorded at Mammoth, although more severe in the interior of the park because of the higher altitude. Snowfall and precipitation has been somewhat above normal and the average temperature has been above normal. A severe wind occurred on December 26 and 27, the maximum velocity recorded at Mammoth being 41 miles per hour. The weather was unseasonably mild from the 10th to the 15th of the month and considerable precipitation in the form of rain was recorded over the entire park. This was followed by freezing weather which formed a hard crust on the snow. All of the roads through the park were blocked by snow but the road to the Buffalo Ranch, which was cleared of snow on December 28 to permit travel for the completion of the reduction of the buffalo herd.

## 022 - Approaches to the Park

The East, South and Northeast approach roads have remained closed by snow during the entire month. The approach to the North entrance has been open to travel and in good condition, with the exception of occasional periods when ice on the surface made travel hazardous. The approach road to the west entrance via Bozeman, Montana has been kept open to travel by snow removal crews employed by the Montana State Highway Department. The road from Ashton, Idaho to the west entrance was open to travel until December 26, when it was blocked by drifting snow. Reports have been received that no further efforts will be made this winter to keep this section of road open to automobile travel.

## 023 - In Nearby States

Weather conditions in the surrounding states have been reported to be about the same as those recorded in the park. The severe wind storm which occurred in the park on the 26th and 27th was also felt in Livingston, Montana where considerable damage resulted. Roads throughout the surrounding states have been affected only to a minor degree by weather conditions.

## 100 - Administration

### 110 - Status of Work

As is usual during the month of December many of the employees took advantage of the holidays to take trips and use up some of their leave. Despite the fact that <sup>we</sup> were operating with a number of employees on leave it was possible to keep practically all work current. Superintendent Rogers remained in the park until the 18th when he departed by

900 - General Weather Conditions

The majority of the general weather conditions are recorded by the official U. S. Weather Bureau at Kansas City and are found on the back of this report.

901 - In the Field

General conditions over the entire area were recorded by the various stations at intervals, although more frequent in the interior of the West because of the higher altitudes. The highest and lowest temperatures were recorded at various points and the average temperature for each month was determined. The average for the month of December is 32.0 degrees Fahrenheit. The weather was generally cloudy with the sun appearing at intervals. The wind was generally from the north and west. The precipitation for the month was recorded over the entire area. This was followed by a period of rain which began a hard frost in the snow. All of the roads through the area were blocked by snow and the roads to the outside world, which was closed at intervals. It is noted that travel for the completion of the collection of the specimens was difficult.

902 - Insects to the Field

The first, second and third days of the trip were devoted to the collection of insects in the entire region. The specimens to be collected were determined in advance and the collection was made in good conditions. The general conditions were favorable for the collection of insects. The specimens were collected at intervals and the collection was made in good conditions. The specimens were collected at intervals and the collection was made in good conditions. The specimens were collected at intervals and the collection was made in good conditions.

903 - In the Laboratory

The specimens collected in the field were taken to the laboratory and the collection was made in good conditions. The specimens were collected at intervals and the collection was made in good conditions. The specimens were collected at intervals and the collection was made in good conditions.

904 - Administration

905 - Notes on the Trip

As is usual during the month of December many of the employees took advantage of the holidays to take trips and as a result the number of employees on duty was reduced. It was possible to keep operations at a minimum level and the specimens were collected in the best conditions.

car via the north gate for Denver on leave over the holidays. He expects to remain in Denver until about the middle of January and will then proceed to Washington for a conference of park superintendents.

Fred Bussey returned from leave on the first of December having been away since the 23d of November.

Telephone Operator Mildred Christenot was on leave for a week beginning on the 5th of December.

Clerk Ione Finessey departed on December 4 having been furloughed until the next summer season.

Assistant Superintendent Emmert returned to the park on December 6 after two weeks absence during which he visited in Omaha, Nebraska.

Park Naturalist Bauer returned to duty on December 15 after several weeks absence on account of sickness.

Assistant Chief Ranger George Miller and Clerk Loustalet Quinn departed on the 18th with Mr. Rogers for a visit to Denver. They will be gone until about the middle of January.

Clerk Verna Roe was absent on leave from the 20th to the 29th.

Night Watchman James E. Tidd resigned his position effective at the close of December 29 to take over a fireman-laborer position with the Post Office Department at Mammoth.

Assistant to the Superintendent Joffe attended a meeting of the Y-G Bee Line Hiway Association in Great Falls on December 3.

120 - Inspections by:

121 - Superintendent

Superintendent Rogers remained in the park until the 18th of the month on which date he departed for Denver on leave of absence. In the absence of Superintendent Rogers Assistant Superintendent Emmert was acting Superintendent. During his stay in the park Mr. Rogers spent most of the time around headquarters making trips away therefrom as follows:

December 7 - To Buffalo Ranch to assist in roundup; returned Mammoth for night.

December 8 - To Buffalo Ranch and return with Messrs. Joffe, Kearns, Organ and Cannon.

December 14 - Walked over sheep range above the Gardiner Canyon with Mr. Joffe.

our via the north side for Denver to leave over the holidays. His ex-  
pects to remain in Denver until about the middle of January and will  
then proceed to Washington for a conference of joint committee members.

Lead Brassey returned from leave on the first of December having  
been away since the 23d of November.

Telephone Operator William C. Catlett was on leave for a week be-  
ginning on the 24th of December.

Chief of the Laboratory, Inspector on December 4 having been transferred  
until the next summer season.

Assistant Government Agent Robert retained to the work on December  
6 after two weeks absence during which he visited in Denver, Colorado.

Inspector Robert returned to duty on December 12 after several  
weeks absence on account of sickness.

Assistant Chief Clerk George Miller and Chief Clerk Robert Miller  
assisted on the 15th with Mr. Rogers for a visit to Denver. They will  
be gone until about the middle of January.

Miss Ferns has returned on leave from the 20th to the 25th.

Chief of the Laboratory, Inspector on December 22 to take over a  
the claim of December 22 to take over a license-plate position with  
the Post Office Department at Washington.

Assistant to the Chief Clerk, Inspector on December 22 to take over a  
the claim of December 22 to take over a license-plate position with  
the Post Office Department at Washington.

110 - Inspection

111 - Investigation

Departmental matters retained in the work until the 15th of the  
month on which date he departed for Denver on leave of absence. In  
the course of investigation departmental matters retained in the  
work on December 15. During the day in the new Mr. Rogers being  
out of the field around headquarters during the week character as  
follows:

December 7 - to Little Rock to assist in roundup; returned  
for night.

December 8 - to Little Rock and return with Bureau, Little Rock,  
Texas and Oklahoma.

December 14 - visited over night with the Little Rock  
office.

#### 124 - Other Interior Department Officials

John D. Organ and Martin A. Cannon, Special Agents, Division of Investigation, Department of the Interior, who arrived in the park early in November departed on December 21 for Helena, Montana.

#### 125 - Other Governmental Officers

William Collier, District Engineer, Procurement Division, Treasury Department, arrived in the park via the north gate December 1 to inspect the new Post Office building; departed via the north gate December 3.

C. F. Capes, Highway Engineer, Bureau of Public Roads, Denver, arrived via the north gate December 8 for a few days' inspection trip.

E. L. Powell, Credit Union Section, Farm Credit Administration, Puyallup, Washington, arrived via the north gate December 17 to assist with the organization of the Yellowstone credit union; departed same date.

#### 140 - Labor Situation

With the activities in the park considerably curtailed little employment was available. The Yellowstone Park Company kept on a number of men in connection with its activities at Mammoth until the 15th of the month, and Peter Kiewit Sons Company, the contractor on the Mammoth Esplanade project, also provided employment for a number of men. After the middle of the month there was no employment available in the park for men other than those on the park's regular staff.

#### 150 - Equipment and Supplies

There were six carloads of coal and one carload each of fuel oil, gasoline and a passenger automobile received in addition to other shipments of tires and tubes, hardware, spikes, gasoline pump and refrigerators weighing 22,251 lbs.

#### 160 - Status of Alienated Lands

There was no change in the status of alienated lands during the month.

#### 170 - Plans, Maps and Surveys

Work in the engineering department consisted of field and office work on the Mammoth campground, plotting of topographic data of the Canyon area obtained during the summer, drafting, compilation of cost reports and assembling of data for final reports on P.W.A. projects ready to be closed out. The work of the C.C.C. engineer consisted of staking the main roadways in the campground and general supervision over C.C.C. construction in the area.

144 - Other Important Officials

John J. Brown and William A. Brown, General Managers, arrived in the north on December 17 to inspect the work being done on the new line, and to discuss the plans for the new line.

145 - Other Important Officials

William H. Brown, General Manager, arrived in the north on December 17 to inspect the work being done on the new line, and to discuss the plans for the new line.

W. J. Brown, General Manager, arrived in the north on December 17 to inspect the work being done on the new line, and to discuss the plans for the new line.

W. J. Brown, General Manager, arrived in the north on December 17 to inspect the work being done on the new line, and to discuss the plans for the new line.

146 - Other Important Officials

The first activity in the new line was the laying out of the line. The line was laid out on a map of the area, and the points were marked. The line was then laid out on the ground, and the points were marked. The line was then laid out on the ground, and the points were marked.

147 - Other Important Officials

There were six employees of the new line who were working on the line. They were working on the line, and they were working on the line. They were working on the line, and they were working on the line.

148 - Other Important Officials

There were no other officials in the new line. There were no other officials in the new line.

149 - Other Important Officials

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## 180 - Circulars, Placards, Publicity Bulletins, Etc.

Circulars 36 and 37 were issued during the month and copies are attached.

The November-December issue of Nature Notes was prepared and mailed out to a mailing list of over 900 names on December 14.

Several press releases regarding the buffalo and elk reduction programs, skiing party and Christmas activities were sent out. Several pictures were also furnished for publicity purposes.

## 200 - Maintenance, Improvements and New Construction

### 210 - Road Maintenance

Road maintenance was limited for the most part to the Mammoth area, consisting of snow removal, sanding ice road between Gardiner and Mammoth, and minor slide removal in the Gardiner canyon. The snow plow made a round trip to the Buffalo Ranch clearing the road for the annual shipment of buffalo.

### 220 - Improvements

Shops - The usual maintenance of equipment in operation was carried forward. During the month 12 trucks, 2 sewage pumping plant engines from Old Faithful, and 2 motor patrol graders were overhauled. Considerable time was spent in snow removal.

Electrical Department - In addition to the usual maintenance and repair work during the month considerable changes in the power and telephone system were made necessary due to the construction of an additional CCC camp at Mammoth, work consisting of setting four power poles, eight secondary service poles, installing cutouts, lightning arresters, two 10 KVA transformers, approximately 3,000 feet of secondary service wire.

Carpenter Shop - A cap house, window and door frames were built during the month for the C.C.C. The powder house was finished this month also.

Plumbing Department - The usual maintenance and operation was carried on during the month.

Paint Shop - Minor jobs and repairs were carried on during the month.

### 230 - New Construction

No force account construction projects were active during the month.

1950 - Agricultural Machinery, etc.

On October 28 and 29 were found during the search and seizure  
operation.

The following items were found during the search and seizure  
operation: a list of 100 names of persons in  
the area.

Several items were found during the search and seizure  
operation, including a list of 100 names of persons in  
the area.

1950 - Agricultural Machinery, etc.

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the area.



## Contract Construction Projects:

New Post Office Building - Although several minor items of installation of fixed equipment remained uncompleted, this project was given final inspection and accepted from the contractor on December 29.

Yellowstone Park Company Improvements -- The operator closed down work on its development in the Mammoth area on the middle of the month for an estimated period of about two months. All framed cabins were closed in from the weather and considerable interior finish of the recreation building was accomplished.

Major Road Construction - The only active road project was the Mammoth Esplanade and its connecting roads. Accomplishments consisted of the completion of the storm sewer installation and a considerable portion of the rough grading of the roadway connection with the Gardiner-Mammoth highway.

## 300 - Activities of Other Agencies in the Park

### 310 - Public Service Contractors

The general store at Mammoth was kept open throughout the month and provided excellent service for local residents and persons working at Mammoth.

The Yellowstone Park Company closed down work on its Mammoth structures on December 15. Work will be resumed on the first of March.

## 400 - Flora, Fauna and Natural Phenomena

### 410 - Ranger, Naturalist and Guide Service

The work of the protection department during this month has consisted largely of boundary patrol work in sections of the park which join adjacent lands outside that are open to hunting of game animals. Some time has been devoted to studies of winter game range conditions, rounding up and reducing the buffalo herd, winter patrols on skis and snowshoes for the purpose of wildlife observations and repairing telephone lines, and other general duties.

### 420 - Museum Service

The work of the naturalist department consisted of developing and printing of pictures, work on place names, issuing of Nature Notes, several field trips, filling requests for books, lantern slides and other materials, and routine matters.

### 440 - Insect Control

The Douglas fir beetle control work in the vicinity of the Game Ranch was completed this month with a total of 267 trees having been treated. This work was accomplished under the C.C.C. program.

Department of Agriculture

New York Office Building - Although several minor items are listed in this report, the building was completed, this project was given final inspection and accepted from the contractor on December 21.

Washington Field Office Building - The contract for the building was awarded on the 15th of the month for an estimated period of about two months. All issued orders were placed in the office and considerable attention is being given to the construction of the building.

Major Road Construction - The only active road project was the construction of the road from the station to the farm. The construction of the road was completed and a considerable portion of the road is now open to traffic. The road is now being graded and the road is now being paved.

200 - Activities of Other Agencies in the Field

210 - Public Service Organizations

The annual report of the National Service Organizations and provided excellent service for local residents and persons working in the field.

The National Service Organizations and provided excellent service for local residents and persons working in the field.

400 - Forest, Range and Natural Resources

410 - Forest, Range and Natural Resources

The work of the National Service Organizations during this month has consisted largely of forestry work in sections of the park which have been designated as areas of special interest. The work has consisted of planting trees, clearing brush, and other work. The work has been done in sections of the park which have been designated as areas of special interest.

420 - Forest Service

The work of the National Service Organizations during this month has consisted of forestry work in sections of the park which have been designated as areas of special interest. The work has consisted of planting trees, clearing brush, and other work. The work has been done in sections of the park which have been designated as areas of special interest.

430 - Forest Service

The work of the National Service Organizations during this month has consisted of forestry work in sections of the park which have been designated as areas of special interest. The work has consisted of planting trees, clearing brush, and other work. The work has been done in sections of the park which have been designated as areas of special interest.

Forty-four trees were treated in the vicinity of Mammoth and the Mammoth Hot Springs terraces for Mountain Pine beetle. This work was also accomplished under the C.C.C. program. All of the trees that were treated in the Mammoth area were white-bark pine.

#### 460 - Birds

There were no conditions observed during the month affecting any changes in the bird life of the park. Waterfowl were observed in about the usual numbers on the lakes and streams that are kept free of ice by hot springs and geysers.

#### 470 - Animals

The northern game range was in an unusual condition during this month as much of the area was covered with heavily crusted snow. This was caused by rains in late November and during the first half of the month. The game herds were widely scattered during the month but there was a decided migration toward lower elevations in progress most of the time. Crusted snow conditions prevailed over the entire park and caused foraging of game animals to be unusually difficult.

Buffalo - On December 7 approximately three hundred head of buffalo were driven in to the corrals at the Buffalo Ranch. From this bunch six animals were selected for shipment to the Ox Bow ranch at Wolf Creek, Montana, two were selected for the Municipal Zoo at Springfield, Massachusetts, and one was shipped alive to Charles Gibson, as an addition to an established herd at Wenatchee, Washington. In addition to the nine head that were shipped alive, twelve old animals were butchered and the meat prepared for shipment to the Wind River Indian Agency at Lander, Wyoming. The reduction of the buffalo herd was completed on December 30. There is one request for two buffalo to be shipped to the Royal Zoo of Prince Ri Gin in Korea, still pending and final arrangements may be completed in time to fill the request later in the season.

Feeding at the Buffalo Ranch was started on December 30 with about 400 head observed on the feeding ground. All buffalo appear to be in good condition.

Elk - There has been a steady migration of elk from the interior of the park to areas of lower elevation and to areas outside of the park, during the entire month. This has resulted in a large number being taken by hunters in the vicinity of Crevice, Jardine and surrounding territory that is open to hunting. The kill at the end of the month was reported at over 1,000 animals.

A somewhat critical condition exists on the winter elk range in that a great part of it is covered with heavily crusted snow. All elk observed appear to be in good condition at the present time but it is anticipated that there will be a shortage of available forage before

Thirty-four cases were recorded in the vicinity of ... and the ... of ... This was ... under the ... of ... in the ...

Case - 191

There were no conditions observed during the ... of ... in the ... of ... the ... of ...

Case - 192

The ... was ... in an ... condition during this ... of the ... with ... This was caused by ... in late November and during the ... of the ... The ... were ... during the ... of the ... was a ... in ... of the ... time. ... over the ... and caused ... of ... to be ...

On ... 7 ... three ... of ... in the ... of the ... from ... all animals were ... for ... to the ... of ... two ... for the ... of ... and one ... to ... in addition to an ... of ... to the ... that were ... to the ... and the ... of the ... of ... There is ... for ... to be ... in ... of ... will ... that ... may be ... in the ...

... of the ... was ... in ... of ... all ... to be ...

... a ... of ... in the ... of ... to ... of ... in a ... of ... in the ... of ...

... critical ... on the ... of ... a ... of it is ... with ... to be in ... of ... that there will be a ...

spring if the existing snow conditions continue.

Other game animals - Antelope, deer and bighorn sheep have been observed to be in good condition, having migrated early to the lower sections of the winter game range. A few instances of deer and antelope having been killed by coyotes have been reported. There appears to be a sufficient supply of forage for these smaller game animals at the present time.

#### 480 - Phenomena

##### Mammoth Hot Springs Area

Angel Spring - which has been very active from four major vents during recent months was perhaps checked in flow when a vandal, or vandals, placed a huge chunk of travertine over the main vent to the north, causing cessation of activity from this point. Flow to the south declined through the month and at the end of December the main flow was from the lower part of the terrace to the northeast.

Baby Spring - dry a good share of the month, resumed activity and was about on a par for past months at the end of December.

Blue Spring - is not very active although it appears from a distance to be slightly above average, the reason being that the overflow from New Spring is flooding across the terrace of Blue Spring giving it the appearance of considerable activity.

Cleopatra Spring - is magnificently colored and water is being discharged from several vents in greater volume than for many months past. The flow continues to spread further to the northwest.

Cupid Spring - has maintained a strong flow of water during most of December.

Hymen Spring - is still inactive.

Jupiter Terrace - continues about as averaged for the past months.

Main Spring - is beautifully colored, especially on the extreme eastern end of the mound, and water has been discharged during December over the slope to the north.

Minerva Spring - has maintained a steady flow of water during December with all but the extreme upper basin being filled.

Mound Spring - continues to hold its place as one of the outstanding springs on the terraces and at the end of December water is being discharged to the northwest and to the southeast.

Naiad and Opal Springs - have maintained a normal flow through December.

having it the existing and conditions continue.

Other conditions - ...  
to be in a ...  
of the ...  
have been killed by ...  
to a ...  
present time.

490 - ...

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Orange Spring Mound - which had increased until water was flowing to the west, south and east, has continued its activity throughout the month of December.

Summit Basin Spring - has declined since the end of November until very little water remains in the northernmost of the two basins.

The spring to the east of Summit Basin toward Mound continues with a strong flow of water although most of it is being discharged into a crack which is developing about two-thirds of the way down the slope rather than into the old sink into which the water has poured since the spring became active.

New Spring - Phenomenal developments have progressed in the area to the east of the terrace separating New Spring from Cupid Spring. Overflow has reached a point within forty yards of Summit Basin on Main Terrace and water is being discharged from five main vents at the junction of the trail leading out to Orange Spring Mound. The original vent of this new activity, further to the south, has resumed activity and travertine is being deposited at a very rapid rate over the entire area. This spring has become the dominant spring in point of size on the terraces by the end of December. Much of the activity is so recent that very little algae has had time to grow and the majority of areas are covered with fresh, white travertine.

#### 500 - Use of Park Facilities by the Public

##### 510 - Increase or Decrease in Travel

Travel for this month was recorded as 62 motor vehicles and 142 visitors as compared with 62 vehicles and 150 visitors recorded during December, 1936. The total travel to date is 1832 motor vehicles and 5208 visitors as compared with 3031 motor vehicles and 8708 visitors recorded to date last year. This represents a decrease of 39.5 per cent in motor vehicles and 40.2 per cent in park visitors.

##### 520 - Conditions Affecting Travel

On Tuesday, December 28, the road to the Buffalo Ranch was opened to permit motor vehicle travel for the completion of the reduction of the buffalo herd. On that date the general public was invited to visit the Ranch and observe and photograph the activities connected with cutting out, handling, and crating buffalo. Approximately 150 people visited the Ranch on that date but the majority were local people and government employees and could not be classified as park travel. It is anticipated that, as long as the road to the Buffalo Ranch and Tower Junction remain open, frequent news releases will be put out inviting visitors to the park to observe the large herds of game animals and to engage in skiing and other winter sports.

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... has declined since the end of ... very little ... in the ...

The ... of the ... of ... a ... of ... it is ... which is ... the ...

... - ... in the ... to the ... of the ... activity ... in ...

300 - Use of ... facilities by the public

310 - Increase or decrease in travel

Travel for ... was ... in ... 32 vehicles ... 1958 ... 1959 ...

320 - Conditions affecting travel

Of ... the ... of ... to ... the ... the ...



900 - Miscellaneous

Post Office - Receipts for the month of December showed a slight decrease over the corresponding month of last year, but the calendar year showed an increase of 13.6 over the preceding year.

The new Post Office building was completed and transferred to the Post Office Department on December 30.

Mr. James E. Tidd was transferred from the position as guard with the National Park Service in Yellowstone National Park to that of fireman-laborer in the new building effective December 30.

Church Services - Church services were held on December 26 by Rev. L. D. Smith, Episcopalean Minister from Livingston. Sunday School services were held every Sunday at 10:30 a.m.

Hospital and Medical - Dr. Paul Gailmard who has been the resident physician in the park for the park medical officer, Dr. G. A. Windsor, since August, 1936, severed his connections as such and departed on December 20 for California. Nurse Delia Grassl has been assigned to the park until such time as a successor to Dr. Gailmard is appointed.

C.C.C.- On December 2 C.C.C. Camp YNP 7, occupying temporary quarters in the N.P.S. barracks building, was quarantined for scarlet fever. One case of the fever was all that had developed. The camp was under a working quarantine from December 2 until December 22. After the Company moved to their new location the building formerly occupied by them was thoroughly cleaned and aired.

During the quarantine on December 18 the C.C.C. company moved from their temporary quarters to the new camp which has been under construction. Although the camp is not completed in its entirety it is in such a condition to be very comfortable and efficient.

Although several members of the supervisory staffs of Camp YNP 1 and 7 have been on leave during the month fair progress has been made on all the jobs.

Work was commenced on the development of the new Mammoth auto campground on December 18 and very good progress has been made. No time has been lost on any of the jobs due to inclement weather.

On December 17 to 19 Project Superintendents Sheridan and Schweitzer attended a meeting at Fort Missoula of all Company Commanders and Project Superintendents. This meeting facilitated a closer understanding between the two agencies and if possible will bring about finer cooperation between the Army and work agencies, but such cooperation has always been the best in Yellowstone Park.

- - - - -

The regular monthly meeting of the Yellowstone Federal Employees

The new Post Office building was completed and transferred to the Post Office Department on December 31.

Mr. James E. Hill was transferred from the position he held with the National Labor Union in Yellowstone National Park to that of Assistant Director in the new building effective December 31.

Annual meetings - Annual meetings were held on December 29 by the U. S. Forest Service, Yellowstone National Park, at the Grand Hotel, Yellowstone National Park, at 10:30 a.m.

Medical and Dental - Dr. Paul H. Hill, who has been the resident physician in the park for the past several years, Dr. W. A. Hill, who has been the resident physician in the park for the past several years, Dr. W. A. Hill, who has been the resident physician in the park for the past several years, Dr. W. A. Hill, who has been the resident physician in the park for the past several years.

O.C.D. - On December 2 O.C.D. (O.C.D. 1940) was organized for the purpose of the U.S. National Wildlife Refuge System, and organized for the purpose of the U.S. National Wildlife Refuge System, and organized for the purpose of the U.S. National Wildlife Refuge System, and organized for the purpose of the U.S. National Wildlife Refuge System.

During the construction on December 15 the U.S. National Wildlife Refuge System, and organized for the purpose of the U.S. National Wildlife Refuge System, and organized for the purpose of the U.S. National Wildlife Refuge System, and organized for the purpose of the U.S. National Wildlife Refuge System.

Although several members of the Advisory Board of the U.S. National Wildlife Refuge System, and organized for the purpose of the U.S. National Wildlife Refuge System, and organized for the purpose of the U.S. National Wildlife Refuge System, and organized for the purpose of the U.S. National Wildlife Refuge System.

and the construction of the development of the U.S. National Wildlife Refuge System, and organized for the purpose of the U.S. National Wildlife Refuge System, and organized for the purpose of the U.S. National Wildlife Refuge System, and organized for the purpose of the U.S. National Wildlife Refuge System.

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Union was held in the Canteen building on December 6. The regular winter activities in the Canteen building continued throughout the month consisting of volley-ball, roller skating, badminton, shuffle board, pool, ping-pong, and dancing. Laborer Robert Marquardt is looking after the care of the Canteen and supervising of the various activities.

Pupils of the Mammoth school assisted in the sale of tuberculosis seals and the results of the sale netted \$17.86 to the Wyoming Tuberculosis Association and \$10.00 to the Montana Branch. This was a fine showing and exceeded considerably the number of seals sold last year.

Members of the community enjoyed a dance at the Canteen on December 11 sponsored by the local Federal Employees Union.

With E. L. Powell of the Credit Union Section of the Farm Credit Administration in attendance the local Federal Credit Union elected its officers for the ensuing year. The board of Directors consists of T. Paul Wilcox, President; Claude Moore, Vice-President; Fred Bussey, Treasurer and Edmund B. Rogers and John Jay, members. The credit committee elected consists of Frank Oberhansley, Howard Kocher and Curtis Skinner. The Union has already succeeded in getting its charter and with the election of officers is now operating.

Yours very truly,

J. W. Emmert,  
Acting Superintendent.

VG

Union was held in the Eastern building on December 8. The regular  
winter activities in the Eastern building consisted throughout the  
year in conducting of roller-skating, roller skating, bowling,  
board, pool, ping-pong, and dancing. Laborer's Union is  
looking after the care of the Union and maintaining of the winter  
activities.

Union of the Eastern building is the sole of the building  
and the results of the sale were \$17.00 in the winter  
Laborer's Association and \$10.00 to the Eastern branch. This was  
a fine of money and exceeded considerably the number of seats sold last  
year.

Members of the community enjoyed a dance at the Eastern on  
February 11 sponsored by the local Federal Laborer's Union.

With the help of the Credit Union Society of the San Diego  
Administration in attendance the local Federal Credit Union elected  
its officers for the coming year. The name of the officers consists of  
T. Earl Wilcox, President; James Moore, Vice-President; Tom Barry,  
Secretary and Edward J. Myers and John W. Johnson. The credit  
committee elected consists of Frank Leonard, J. Edward Cooper and  
Gustaf Skarner. The Union has already succeeded in getting its officers  
and with the election of officers is now operating.

Yours very truly,

J. W. Moore,  
Acting Representative.

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 NATIONAL PARK SERVICE

TRAVEL REPORT

Yellowstone National Park for the month of December, 1937

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
<u>PRIVATE TRANSPORTATION:</u>						
as first entry, . . . . .	19	994	4	1284	290	- 22.6
as reentry, . . . . .	43	838	58	1741	903	- 51.8
motorcycles, . . . . .				6	6	-100.00
Total motor vehicles, . . . . .	62	1832	62	3031	1199	- 39.5
Persons entering via motor vehicles, . . . . .	142	5208	150	8708	3500	- 40.2
Persons entering via other private transportation, . . . . .						
Total persons entering via private transportation, . . . . .	142	5208	150	8708	3500	- 40.2
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages, . . . . .						
Persons entering via trains, . . . . .						
Persons entering otherwise, . . . . .						
Total other transportation, . . . . .						
<b>GRAND TOTAL ALL VISITORS, . . . . .</b>	<b>142</b>	<b>5208</b>	<b>150</b>	<b>8708</b>	<b>3500</b>	<b>- 40.2</b>

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

TRAVEL REPORT

National Park for the month of \_\_\_\_\_, \_\_\_\_\_

Increase for Travel Year	Number	Percent	Last Travel Year To Date	This Month Last Year To Date	This Travel Year To Date	This Month
-----------------------------	--------	---------	-----------------------------------	------------------------------------------	-----------------------------------	---------------

PRIVATE TRANSPORTATION:

12	984	4	1884	984	12	...
43	873	58	1741	873	43	...
-100.00	0		0	0	0	...

Total motor vehicles

148	2808	180	4708	2808	148	...
- 40.2	2000		1192	2000	1192	...

Total persons entering via private transportation

148	2808	180	4708	2808	148	...
- 40.2	2000		1192	2000	1192	...

OTHER TRANSPORTATION:

148	2808	180	4708	2808	148	...
- 40.2	2000		1192	2000	1192	...

AND TOTAL ALL VISITORS

Increase	Number	Percent	Last Year	This Year
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... automobiles in public camps during month ...  
... campers in public camps during month ...

## DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

## REPORT OF PARK REVENUES

Yellowstone

National Park for the Month of December, 1937

	This Year	Last Year
Park revenue on hand beginning of month, . . . . .	-	-
Received, . . . . .	\$23,282.65	\$7,845.63
Total, . . . . .	23,282.65	7,845.63
Remitted, . . . . .	23,282.65	7,845.63
On hand close of month, . . . . .	-	-
Park revenues received this year to date, . . . . .	\$365,504.26	
Park revenues received last year to date, . . . . .	277,959.59	
Increase, . . . . .	87,544.67	
Per cent of increase, . . . . .	31.5	

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Yellowstone National Park for the Month of September, 1937

Last Year	This Year	
		Park revenue on hand beginning of month, . . . . .
17,845.53	22,281.55	Received, . . . . .
7,845.53	22,281.55	Total, . . . . .
7,845.53	22,281.55	Remitted, . . . . .
		On hand close of month, . . . . .
		Park revenues received this year to date, . . . . .
		Park revenues received last year to date, . . . . .
		Increase, . . . . .
		Per cent of increase, . . . . .

1385,504.28

277,269.53

87,544.57

31.2



10-159  
(May, 1931)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Yellowstone National Park for the Month of December, 1937

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	Reg. 89 CCC 19	3	92	32
Number of additions	Reg. 0 CCC * 1	8	2	3
Total	108	11	94	35
Number of separations	Reg. 2	3	Reg. 3 ECW 2	16
Number of employees close of month	Reg. 86 CCC 20	8	Reg. 78 ECW 10 PW 1	19
Number of promotions during month	** 1		2	
Aggregate amount of annual leave taken	Reg. 277-1/8 CCC 62-4/8		Reg. 287-29/56 ECW 80 PW 7-2/8	
Aggregate amount of sick leave taken	Reg. 39-4/8 CCC 15		Reg. 30 CCC 9	
Aggregate amount of leave without pay	0		0	

\*Addition to be added for October.

\*\*Promotion in November.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Yellowstone National Park for the Month of December, 1937

This Month Last Year	This Month		Number of employees beginning of month
	Appointed	Non-Appointed	
21	22	2	Number of additions
2	2	2	Total
23	24	11	Number of separations
18	2	2	Number of employees close of month
19	10	6	
	2	1	Number of promotions during month
287-22/04	277-1/2		Aggregate amount of annual leave taken
7-2/3	20-1/2		Aggregate amount of sick leave taken
20	15		Aggregate amount of leave without pay
0	0		

\* Addition to be added for October.

\*\* Promotion in November.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

\*ELECTRICITY GENERATED, SOLD, USED, ETC.

Yellowstone National Park for the Month of December, 1937

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
Current generated, . . . . .	106,600	586,800	88,400	524,900	61,900	11.79
Sold to park operators, . . . .	3,131	61,659	2,694	58,290	3,369	5.7
Sold to others, . . . . .						
Furnished to other Governmental agencies, . . . . .						
Used by National Park Service						
lost in transit, etc., . . . .	103,469	525,141	85,706	466,610	58,531	12.5
Total current generated. . . .	106,600	586,800	88,400	524,900	61,900	11.79

To Operators (1937) \$ 87.39

Amount receivable from the sale of electricity, " . . ." (1936) \$ 134.70

\* Indicated by K. W. H.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

Specialty - Limited and Used For

National Park for the Month of \_\_\_\_\_, 19\_\_

Account Name	Year	Month	Day	Amount	Account Name	Year	Month	Day	Amount
Current operating	19__								
Sold to park operators	19__								
Sold to others	19__								
Furnished to other governmental agencies	19__								
Used by National Park Service	19__								
Left in transit, etc.	19__								
Total current operations	19__								

Amount received from accounts of individuals, etc. (List in Schedule 2)

Indicated by N. P. S.

## DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

## REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

Yellowstone National Park for the Month of December, 1937

	This Month	This Month Last Year	Increase	Percent Increase
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LOCAL BUSINESS

Miles of circuit maintained, . . . . .	604	600	4	.6
No. of telephones connected, . . . . .	275	253	22	8.6
No. of measured service calls, . . . . .				
No. of other local calls, . . . . .				
Total No. of local calls, . . . . .				
Peak load in calls per day, . . . . .				

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

## TOTAL RECEIPTS

LONG DISTANCE BUSINESS

No. Outbound calls, . . . . .  
 No. Inbound calls, . . . . .

## TOTAL LONG DISTANCE CALLS

Peak load in calls per day, . . . . .  
 Receipts from Long Distance business, . . .

TELEGRAPH BUSINESS

Messages via Western Union, . . . . .  
 Messages via . . . . .

## TOTAL MESSAGES

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

TOTAL RECEIPTS TELEPHONE & TELEGRAPH DEPTS--



DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

Yellowstone National Park

(Area)

Monthly Report of  
Minor Roads and Trails Projects

Total Mileage for Area:

Minor Roads..... Miles  
Trails ..... Miles

As of December 31, 1937  
(Date)

Proj. No.	Description of Project	Type of Work	Mile- age of Proj.	% Com- plete	Appropri- ation Symbol	Amount Allotted	Amount Expended	Remarks
	<b>No Minor Roads and Trails Projects active.</b>							





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

December 3, 1937

CIRCULAR NO. 36:

This circular shall serve as notification of the following changes in Park Ranger assignments:

Judson M. Rhoads, from Gallatin Ranger Station to West Yellowstone Ranger Station, effective November 29, 1937.

W. Verde Watson, from the East Entrance Ranger Station to Mammoth, effective December 1, 1937.

Robert I. Peal, from West Yellowstone Ranger Station to Gardiner Ranger Station, effective November 29, 1937.

David deL. Condon, from Lake Ranger Station to Mammoth, effective November 22, 1937.

Edmund C. Rogers  
Superintendent



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

December 20, 1937

CIRCULAR NO. 37:

During the past few months, several buildings in the Mammoth area have been endangered by the presence of hot ashes and trash in the ash cans. The practice of disposing of trash in ash cans constitutes a fire hazard to government buildings.

Hereafter, this practice must be discontinued.

Heads of departments, or those in charge of shops, will be held responsible for the proper disposal of ashes and trash at each establishment.

In order to keep ashes and combustible trash entirely separated from each other, two cans should be used. One should be designated for ashes only and the other for combustible trash. At places where only one can is now available arrangements should be made to secure a second can.

All ash and trash cans used at the utility buildings must be placed in a safe location, outside and away from any building. In no case should such cans be placed on the porches of shops or other buildings of wooden construction.

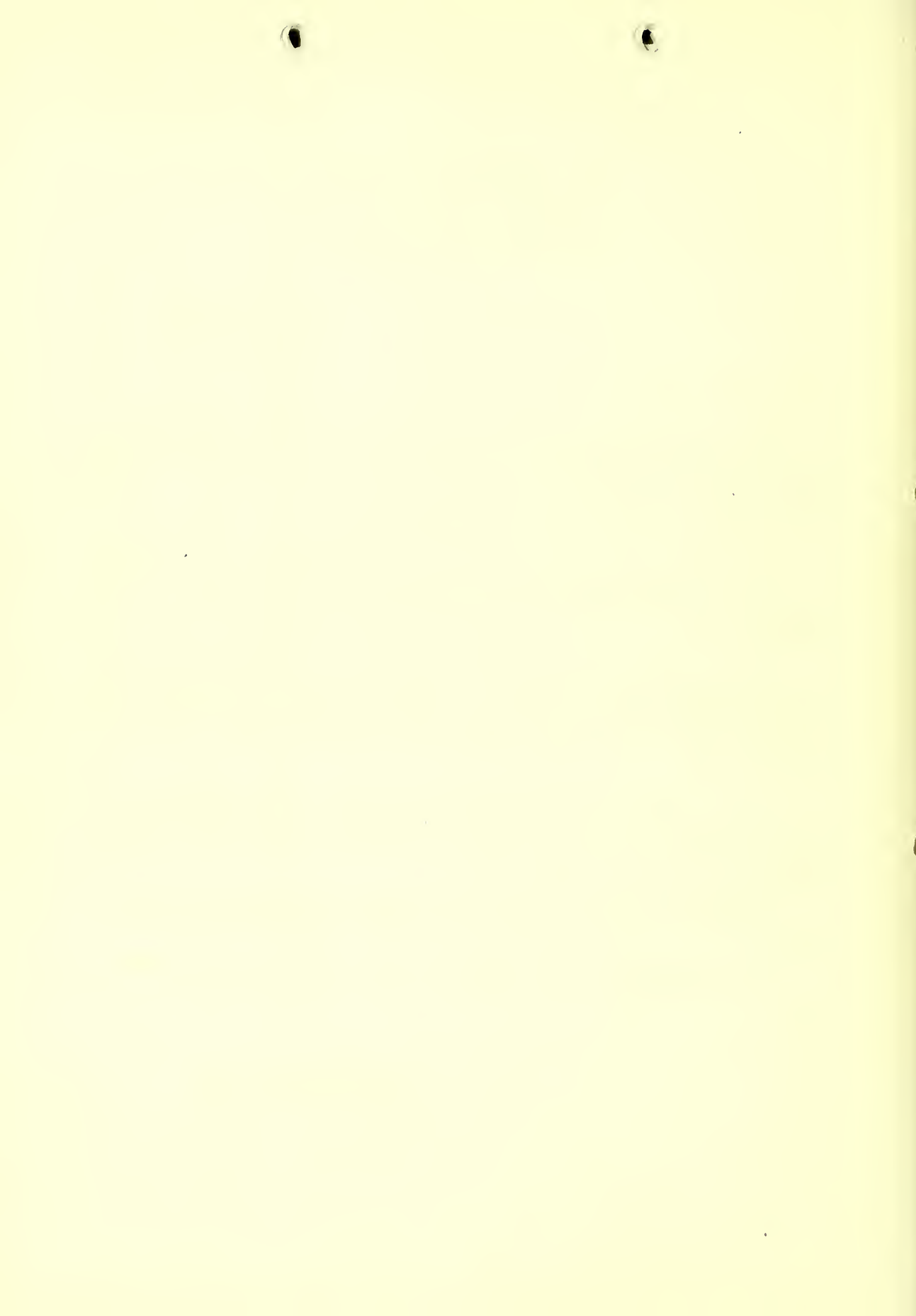
Combustible trash should not be allowed to accumulate inside of buildings, but should be removed to the trash can outside.

All ash and trash cans should be kept covered with the regular metal ash can cover.

J. W. Emmert  
Acting Superintendent

YELLOWSTONE  
NATIONAL PARK  
F. O. O.

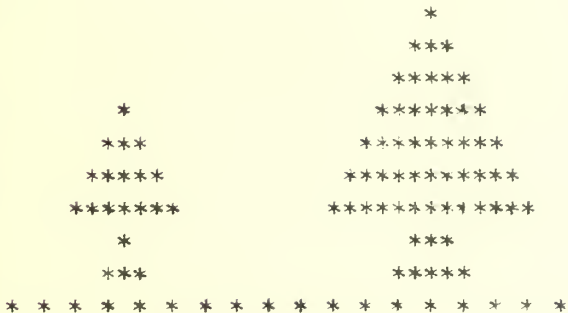
4642



MAMMOTH COMMUNITY CHRISTMAS PROGRAM

December 24, 1937

7:00 P. M.



Canteen Building

Yellowstone National Park



P R O G R A M

Hark! The Herald Angels Sing- - - - -Community  
(page 2)

Silent Night- - - Orchestra and School Children

It Came Upon A Midnight Clear- - - - -Community  
(page 3)

"Don't Tell Me It's Christmas" - - - - Operetta  
Lower Grades

Orchestra Selections - - - - - - - - -Orchestra  
Dreamland  
March Assembly

Christmas Recitations- - - - - - - - -Tiny Tots

"Grandma's Christmas Guest"- - - - - - - - - Play  
Upper Grades

Joy To The World - - - - - - - - - - -Community  
(page 4)

Christmas Tree - - - - - - - - - - -Santa Claus



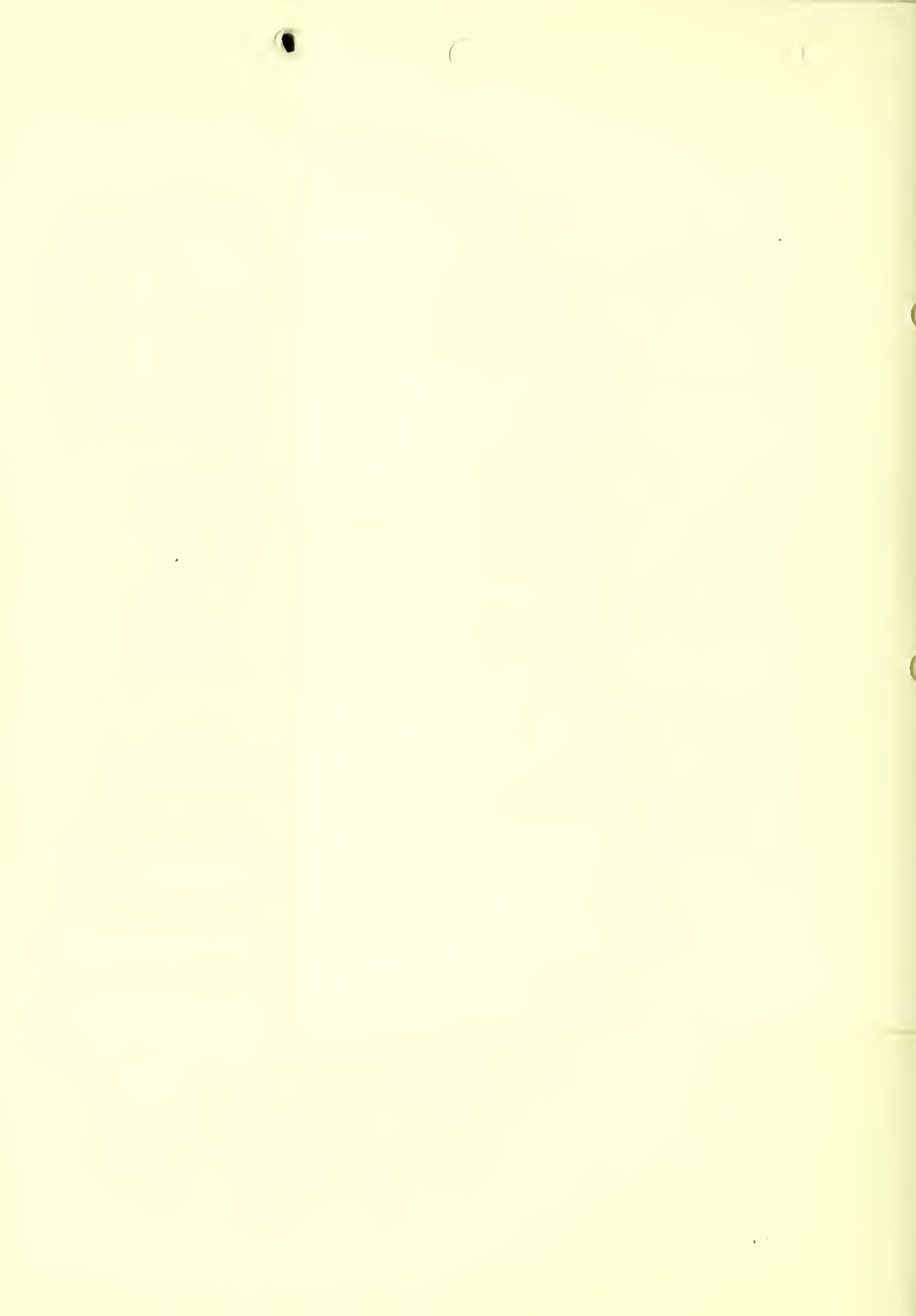


HARK! THE HERALD ANGELS SING

Hark! the herald angels sing,  
"Glory to the new-born King;  
Peace on earth and mercy mild,  
God and sinners reconciled."  
Joyful, all ye nations, rise  
Join the triumph of the skies,  
With angelic hosts proclaim,  
"Christ is born in Bethlehem!"  
Hark, the herald angels sing,  
"Glory to the new-born King!"

Christ, by highest heav'n adored,  
Christ, the everlasting Lord;  
Late in time behold Him come,  
Off-spring of a virgin's womb,  
Veiled in flesh the God-head see,  
Hail th'incarnate Deity:  
Pleased as man with men to appear  
Jesus our Immanuel here.  
Hark! the herald angels sing,  
"Glory to the new-born King."

Hail the heav'n-born Prince of Peace  
Hail the Sun of righteousness,  
Light and life to all He brings,  
Ris'n with healing in His wings;  
Mild He lays His glory by,  
Born that man no more may die;  
Born to raise the sons of earth,  
Born to give them second birth.  
Hark, the herald angels sing,  
"Glory to the new-born King."

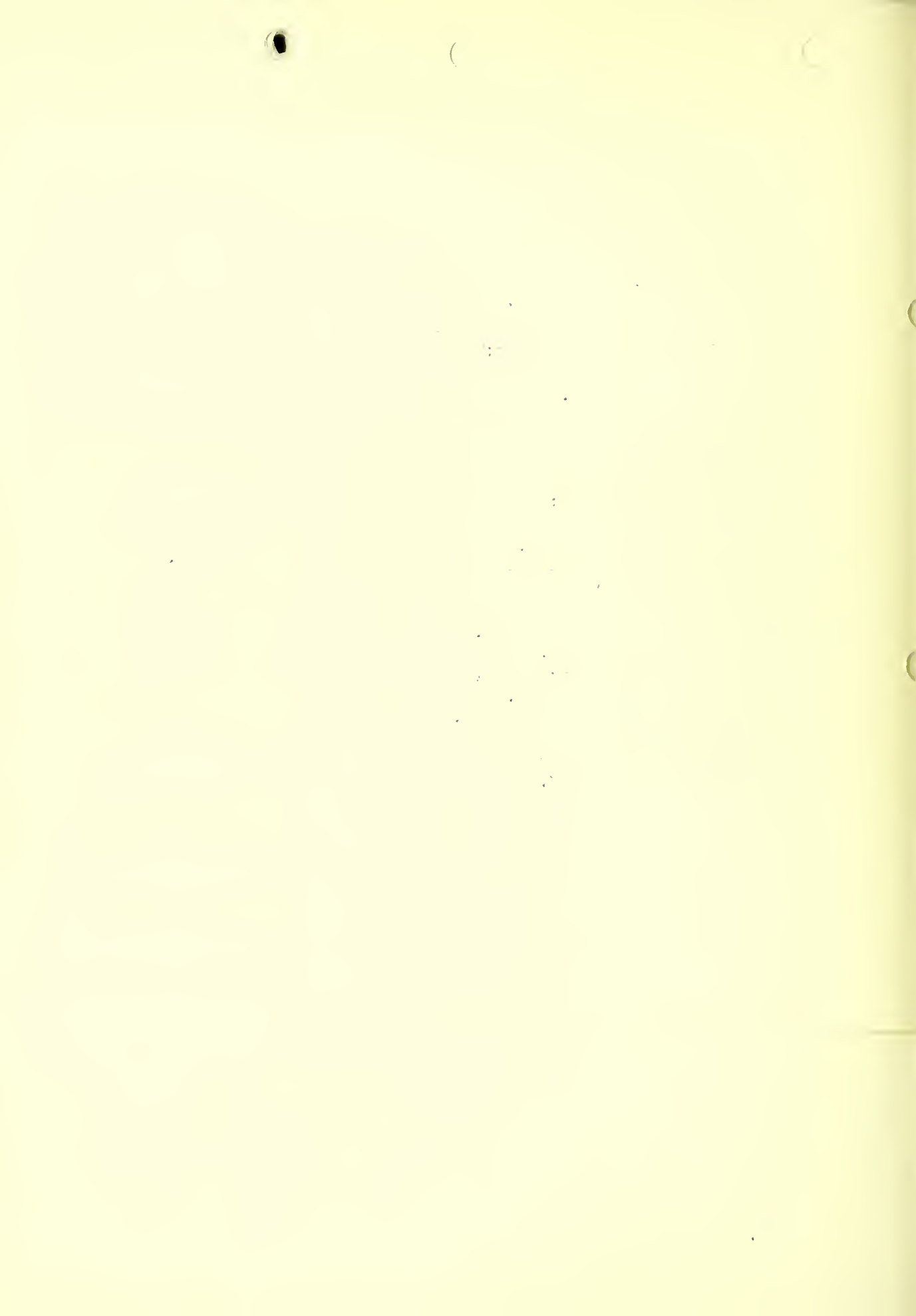


IT CAME UPON A MIDNIGHT CLEAR

It came upon a midnight clear,  
That glorious song of old,  
From angels bending near the earth,  
To touch their harps of gold:  
"Peace on the earth, good will to men,  
From heav'n's all-gracious King:"  
The world in solemn stillness lay,  
To hear the angels sing.

Still thro' the cloven skies they come,  
With peaceful wings unfurled,  
And still their heav'nly music floats,  
O'er all the weary world:  
Above its sad and lowly plains,  
They bend on hov'ring wings,  
And ever o'er its Babel sounds,  
The blessed angels sing.

For lo, the days are hast'ning on,  
By prophet bards foretold,  
When with the ever-circling years,  
Comes 'round the age of gold:  
When peace shall over all the earth,  
Its ancient splendors fling,  
And the whole world give back the song,  
Which now the angels sing.



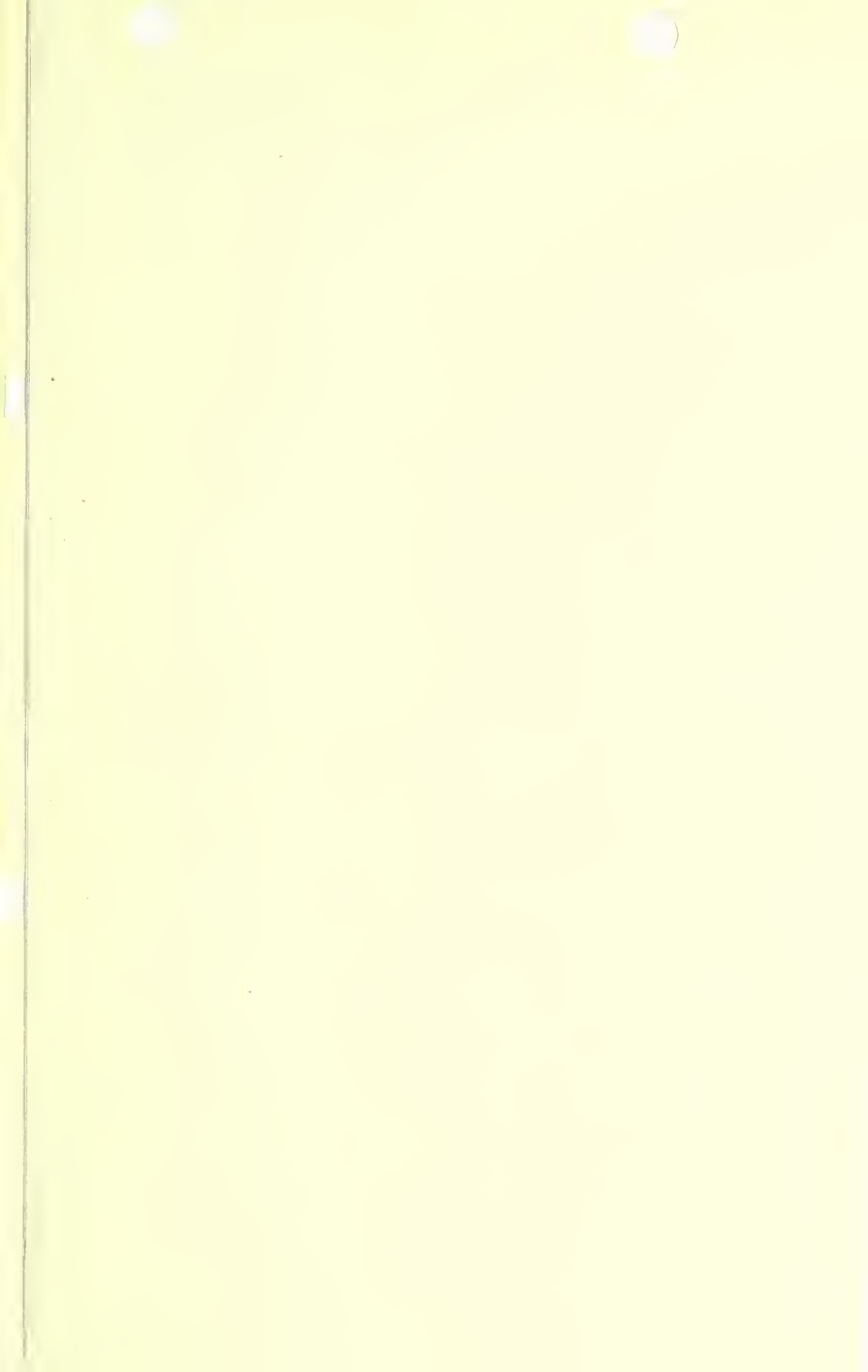
## JOY TO THE WORLD

Joy to the world! the Lord is come;  
Let earth receive her King;  
Let ev'ry heart prepare Him room  
And heaven and nature sing,  
And heaven and nature sing,  
And heav'n and heav'n and nature sing.

Joy to the earth! the Savior reigns;  
Let men their songs employ;  
While fields and floods, rocks, hills  
and plains  
Repeat the sounding joy,  
Repeat the sounding joy,  
Repeat, repeat the sounding joy.

He rules the world with truth and grace,  
And makes the nations prove  
The glories of His righteousness,  
And wonders of His love,  
And wonders of His love,  
And wonders and wonders of His love.









MONTHLY METEOROLOGICAL SUMMARY

STATION **YELLOWSTONE PARK, WYOMING.**

MONTH **DECEMBER** 1937.

DATE	TEMPERATURE, °F.				RELATIVE HUMIDITY (Percentage)			PRECIPITATION		WIND		WEATHER			
	Maximum	Minimum	Mean	Normal mean	A. M.*	Local noon	P. M.*	Total (inches)	Snowfall (inches) p. m. to p. m. (unmelted)	Prevailing direction	Highest velocity	Direction	Percentage of possible sunshine	Character of day (a)	Date
30	8	22	24	74	58	43	0	0.0	S	14	S	100	Clear	1	
42	15	28	23	62	47	38	0	0.0	S	21	SW	100	Clear	2	
33	15	24	23	83	88	74	.05	0.8	SW	19	SW	6	Cloudy	3	
26	12	19	23	92	63	84	.01	0.8	SW	6	SW	80	Cloudy	4	
34	21	28	22	64	58	64	0	0.0	SW	16	SW	22	Cloudy	5	
31	17	24	22	83	70	71	T	0.0	SW	20	N	36	Pt. Cldy	6	
17	-9	4	21	96	63	77	.01	0.1	W	16	NW	62	Pt. Cldy	7	
17	-11	3	21	53	58	88	T	T	S	12	S	35	Pt. Cldy	8	
25	-3	11	21	88	66	71	T	T	C	12	SW	6	Cloudy	9	
39	25	32	20	63	94	90	.11	0.8	S	18	S	0	Cloudy	10	
44	38	41	20	84	85	79	.46	0.0	S	20	S	0	Cloudy	11	
41	30	36	20	80	80	86	.01	T	N	19	SW	0	Cloudy	12	
35	20	28	20	91	72	84	T	T	NE	14	N	84	Clear	13	
32	14	23	19	86	62	58	0	0.0	SW	17	SW	48	Cloudy	14	
33	23	28	19	86	72	72	.04	1.3	S	14	W	0	Cloudy	15	
29	20	24	19	74	78	78	.01	0.2	SW	18	SW	1	Cloudy	16	
31	17	24	19	75	76	76	.26	T	S	23	SW	1	Cloudy	17	
31	21	26	19	99	59	64	.10	3.8	N	18	N	43	Cloudy	18	
29	11	20	19	79	76	77	.08	1.8	N	15	N	41	Cloudy	19	
27	9	18	19	78	65	74	0	0.0	SW	16	SW	95	Cloudy	20	
27	15	21	19	36	66	63	.01	0.2	SW	20	SW	12	Cloudy	21	
27	8	18	18	95	67	87	.04	0.3	S	17	S	0	Cloudy	22	
8	-6	1	18	74	69	68	.04	2.0	N	15	N	100	Clear	23	
22	5	14	18	61	59	66	.01	0.2	SW	25	SW	1	Cloudy	24	
21	12	16	18	52	54	57	T	0.3	SW	22	SW	10	Cloudy	25	
27	15	21	18	73	70	63	.02	0.5	SW	41	SW	0	Cloudy	26	
34	28	30	18	60	76	71	.01	0.3	SW	35	W	0	Cloudy	27	
38	28	33	18	55	48	56	.00	T	SW	24	SW	67	Cloudy	28	
42	26	34	18	57	33	53	0	0.0	S	17	SW	60	Cloudy	29	
37	18	28	18	37	75	84	.06	0.8	SW	27	SW	1	Cloudy	30	
31	11	21	18	84	45	52	.01	0.2	SW	15	SW	73	Pt. Cldy	31	
Jan	29.5	14.5	22.5	75	66	70	1.34	14.4	S	41	SW	35			
Mal.	27.7	11.0	19.7	78	68	73	0.77	12.7	S			39			

\* 5:30 a. m. and p. m., 105th meridian time. T indicates a trace of precipitation. <sup>a</sup>Sunrise to sunset. <sup>b</sup>Total. <sup>c</sup>Monthly.

SUMMARY

**BAROMETRIC PRESSURE**  
 Monthly mean **30.21**  
 Highest **30.77**, date **1**  
 Lowest **29.63**, date **22**

**TEMPERATURE**  
 Highest **44**, date **11**  
 Lowest **-11**, date **8**  
 Extremes this month since **1904**; highest **49**, lowest **-34**  
 Average daily departure **+2.8**  
 Average daily departure since January 1, **+0.1**  
 Total degree days **1315**

**PRECIPITATION**  
 Greatest amount in 24 hours **0.43**, date **11-12**  
 Departure from normal this month **+57**  
 Accumulated departure since **Jan 1, +0.98**  
 Snowfall, greatest 24-hour amount **3.8**, date **17-18**  
 Snow on ground on 15th **1.2**, and at end of month **1.2**

**WIND**  
 Prevailing direction **S**, average hourly velocity **9.2**  
 Highest wind velocity this month since **1904**  
**34** miles from **SW**, on **25**, in **1907**

**WEATHER**  
 Number of days clear **4**, partly cloudy **4**, cloudy **23**, with measurable precipitation (0.01 inch, or more) **19**

**MISCELLANEOUS PHENOMENA—DATES OF**  
 Hail **0**  
 Halos, solar **7, 23**; halos, lunar **0**  
 Fog, light **0**; fog, dense **0**  
 Frost, light **-**, heavy **-**, killing **-**  
 Sleet **0**  
 Thunderstorms **0**  
 Duststorms **0**

†Frosts not recorded in autumn after first "killing", except in Florida and along the immediate coast of the Gulf of Mexico.

MEAN TEMPERATURE AND TOTAL PRECIPITATION THIS MONTH IN—

1871	83	95	07	21.6	19	15.4	3	21.5	1.14
1872	84	96	08	20.0	20	21.7	2	11.9	0.80
1873	85	97	09	12.4	21	21.2	3	28.6	1.38
1874	86	98	10	23.0	22	18.6	3	23.0	1.12
1875	87	99	11	15.8	23	17.0	3	22.2	0.22
1876	88	00	12	18.4	24	10.6	3	21.1	1.21
1877	89	01	13	21.0	25	25.7	3	22.5	1.34
1878	90	02	14	17.0	26	18.1	38		
1879	91	03	15	19.6	27	11.6	39		
1880	92	04	16	22.7	28	19.6	40		
1881	93	05	17	27.2	29	26.0	41		
1882	94	06	18	20.6	30	18.8	42	0.27	

Charles L. Howard.  
1-3-38-75  
Weather Bureau.





