

November 5, 1924

SUPERINTENDENT'S REPORT

FOR

OCTOBER, 1924

November 5, 1924

Dear Sir:

The following is my report of conditions in Yosemite National Park and on the operation of the park for the month of October, 1924:

I. GENERAL CONDITIONS;

Economic. Another month of continuous improvement has been added to the period of better business which began about July first. With few exceptions, the so-called measures of movement have been upward, including bank clearings, car-loadings, failures (downward), commodity prices, steel business, building, etc.

The long drought in California was broken by general rains that have brought great benefit to the agricultural sections, and there is evidence that the water sources of the state will be replenished in ample measure during the coming winter. The hydro-electric power companies, laboring under great difficulties, have given full and uninterrupted service generally and deserve great credit for meeting a difficult situation in a masterly way.

Weather and Water Conditions. During the month there was a total of 5.74 inches of precipitation recorded at the Weather Bureau Station on the floor of the Valley, rain falling on six different dates, the greatest precipitation being on October 29 when 2.35 inches fell. Above the 7,000 foot level practically all of the precipitation was in the form of snow. At Tuolumne Meadows 11 or 12 inches of snow fell on October 6, which melted rapidly, but this was increased by the storms during the latter part of the month. On the floor of Yosemite Valley we had about 2½ inches of snow, which melted as soon as the skies cleared.

These rains have started a good flow of water in all of the streams, which is being kept up by the melting snows of the higher elevations, and at the close of the month practically all of the restrictions on the use of electric energy in the park had been removed.

The Yosemite Falls started to flow again on October 6, this being the first water over the falls since July 12.

Attached hereto is a comparative monthly and to date weather report showing comparison for the month of October, 1924 with October, 1923.

Hoof and Mouth Disease. This office has kept in close touch with Dr. U. G. Houck, inspector in charge of the foot and mouth epidemic control, regarding the infection among the deer in the Stanislaus National Forest where the last outbreak occurred among the cattle last spring. The last report we have from Dr. Houck, under date of October 30, states that infection has been found in the Rosasco Range, and with the advance of the season and storms the deer are drifting south. At the present time, they have crews operating in the following camps:

Lumsden Bridge, where the wing fence and trap corral have been built.

Rosasco Range.

Clavey Range.

Cave Diggings.

In the basin between the Mount Knight and Jupiter Ranges.

They have a force of about 22 men at work scouting and eliminating deer, every effort being made to destroy deer in areas where infection is known to exist.

The following is an extract from the report made to Dr. Houck for the week ending October 25:

"Beginning with the Rosasco Range, 10 deer were taken last week, of which 4 were infected, of which one was a new case. This shows a percentage of infection of 40, which is a considerable increase from the average up to the beginning of the week concerned. The average up to this period was 18 per cent infected. The total average per cent for that range now is 24.

"On the Clavey Range 31 deer were taken during last week, of which 19 were infected; one of these was a new case. This is a percentage of infection of 61. The percentage for this area up to the beginning of the week concerned was 50 per cent.

"In the Duckwall section 5 deer were taken last week, two of which showed old lesions. This shows 40 per cent infected for that week, which is an increase above four per cent up to the beginning of last week, and makes an average for the whole period of 17 per cent infected.

COMPARATIVE MONTHLY & "TO DATE" WEATHER REPORT

(To accompany Chief Ranger's monthly report)

Yosemite Station	Month of	October, 1924
	19 23	19 24
Mean Maximum	68.25	64.45
Mean Minimum	32.41	31.83
Mean	50.33	48.14
Maximum	80 ^o	86 ^o
Greatest Daily Range	79-29-50	86-34-52
Rainfall	1.32"	5.74"
Greatest in 24 hours	.62"	2.35"
Rainfall to date	3.45"	5.74"
Snowfall	none	2 $\frac{1}{2}$ "
On ground 15th	none	none
On ground End of month	none	none
Snowfall to date since October 1 July 1	none	2 $\frac{1}{2}$ "
Days of more than .01 rainfall	3 days	6 days
Clear Days	19 "	25 "
Partly Cloudy Days	10 "	2 "
Cloudy Days	2 "	4 "
Minimum	20 ^o	24 ^o

"Fourteen deer taken previous to last week along the upper division of the logging railroad from camp 21 to the end of the railroad were included in the report for the Clavey Range. Last week 28 deer were taken by shooting, 21 of these showed infection and two of those were new cases. The percentage of infection in this case is 75. However, it is pointed out that inasmuch as these specimens were secured entirely by shooting, a larger percentage of infected deer would be taken by reason of the fact that those inclined to be sick would be the ones most apt to be sluggish enough to fall prey to the rifles. The report for this area indicates that some of these deer were taken near camp 21, which is the lower extremity of the area concerned.

"During the present week we will commence investigations to determine if possible how far down the range the infection exists in that section.

"At Cold Springs we are getting a few specimens and last week two deer were shot, both of which were clean.

"At Kenney we are also watching the animals carefully and during last week three specimens were shot; these were all clean.

"The total animals taken for the week is 79, of which 46 showed infection. This is a percentage of 60.

"While these reports for the Clavey Range and the range east and also west from there indicate that the disease is spreading somewhat, and also that the percentage of infection is increasing somewhat, this condition was anticipated. At present I do not feel alarmed because of it. Mr. Prewitt reports that all of the male deer shot by him were infected; this we also anticipated since the breeding season is now on.

"While the investigations are not sufficiently broad to determine definitely the existence or lack of infection in the areas tributary to the Niagara Range, the reports indicate insofar as they go that there is no spread of the disease from that area. The situation will be watched very carefully for some weeks and we will be ready at any time to commence vigorous operations in case of a necessity for it.

"The drift fences and trap corrals at the Lumsden Bridge are now complete, and yesterday a doe and fawn were trapped in one of the pens; neither of these showed infection and were released south of the fence. These deer are not included in the above report but will be included with this week's report to which they belong.

"During the present week we will secure, if possible, two or three specimens in the vicinity of Rawhide, having failed to get any last week.

"Some shifting in the personnel will be made this week and a roster gotten up when it is completed."

Labor and Supply Markets. Due to stormy weather and the gradual closing down of activities in the park, there were 77 men dropped from our payroll during the month. A large percentage of these were men who had been recruited through the employment agencies and whose railroad fare had been paid to the park. Those who did not give at least sixty days of satisfactory service had the value of the transportation deducted from their wages.

Our supply purchases are being held to a minimum because of the closing of our outside camps.

II. PERSONNEL

<u>Class</u>	<u>Kind of Work Performed.</u>
1 Superintendent	General park administration.
1 Assistant Superintendent	General office administration.
1 Park Supervisor	General maintenance of roads, trails, etc.
1 Asst. Park Supervisor	Asst. to park supervisor & field timekeeper
1 Resident Engineer	In charge of all engineering and construction work.
1 Park Forester	In charge of timber exchange with Yosemite Lumber Co. and work of City and County of San Francisco at Hetch Hetchy.
1 Master Mechanic	In charge of machine shop.
1 Assistant Mechanic	Assistant to master mechanic.
1 General Blacksmith	In charge of blacksmith shop.
1 Chief Electrician	In charge of power house and all electric & telephone lines, construction, etc.
3 5 Telephone Operator	3 local and long distance, 1 relief, 1 night.
1 Clerk-Telegraph Operator	Managing office, handling wire, money transfers, accounts, etc.
0 1 Telegraph Operator	Handling wire.
1 Lineman foreman	In charge telephone & electric line maintenance.
1 Painter	In charge of general painting.
1 Plumber	In charge of general plumbing.
1 Head Teamster	In charge corrals and barns.
1 Skilled Laborer	Harness and saddle repairs, and foreman of maintenance or construction crews.
1 Property Clk & Storekeeper	In charge of supply warehouse.

1 Chief Clk & Special Disbursing Agt.	In charge of disbursements and accounts.
1 Accounting Clerk	In charge of cost account system.
5 Clerk-stenographer-typists	1 stenographer to superintendent. 1 " " Asst. Supt. & files. 1 bills and collections, park revenues 1 time and payroll clerk 1 purchasing clerk.
1 Park Naturalist	On nature guide and museum work.
1 Chief Ranger	In charge of ranger force.
1 Asst. Chief Ranger	Assistant to chief ranger.
9 10 Rangers	(6) 7 patrol duty S, A, B, B, W, M 1 office duty 1 shop work and surveys 1 publicity and park history work
1 Electrician	In charge of telephone and switchboard maintenance.
3 Power Station Operators	In charge power plant operation.
2 Carpenters	On maintenance and construction work.

In addition to the regular employees mentioned above, the following list of temporary laborers, truck drivers, etc., were employed:

	<u>Sept. 30</u>	<u>Oct. 31</u>
Stone Mason	1	1
✓ Lineman	4	4
✓ Mechanic	1	1
✓ Truck Driver	15	11
✓ Waitress	1	1
✓ Cook	7	2
✓ Gang Foreman	6	3
✓ Housekeeper	1	1
✓ Paeker	1	3
✓ Hand Driller	1	1
✓ Teamster	19	15
✓ Plumber	3	2
✓ Carpenter	4	4
✓ Plumber's Helper	14	11
✓ Rockman	26	15
✓ Laborer	20	11
✓ Yardman	1	1
✓ Janitor	1	1
Powderman	2	0
Carpenter's Helper	1	0
Roustabout	1	1
Dishwasher	1	1
✓ Woodcutter	1	1
Waiter	1	1
Blacksmith	1	0
✓ Watchman	1	1
Warehouse Laborer	1	0
	<u>136</u>	<u>93</u>

On September 30 there were 187 employees on our payrolls; on October 31 there were 142.

LEAVE OF ABSENCE

<u>Name</u>	<u>Designation</u>	<u>Salary</u>	<u>Dates</u>	<u>No. of days</u>
Mrs. Helen E Williams	Clerk	\$1580 p.a.	10/1 /24 - 10/6 /24	4½
Mrs. Betty M Russell	Clk-Stenog.	\$1500 p.a.	10/1 /24 - 10/16/24	14
Ethel M Foster	" "	\$1500 p.a.	from 1 to 4 10/30/24	3/8
Alfred R Horner	Clerk	\$1500 p.a.	10/13/24 - 10/14/24	2

Annual Leave cont.

<u>Name</u>	<u>Designation</u>	<u>Salary</u>	<u>Dates</u>	<u>No. of days</u>
Mrs. Maude A Field	Telephone Operator	\$1140 p.a.	10/24/24 - 10/31/24	7
John W Emmert	Chief Electrician	\$2100 p.a.	10/24/24 - 10/28/24	4
Winfield B Campbell	General Painter	\$1500 p.a.	10/1/24 - 10/8/24	7
Forest S Townsley	Chief Ranger	\$2400 p.a.	10/19/24 - 10/22/24	3
" "	" "	\$2400 p.a.	10/12/24 - 10/16/24	4
" "	" "	\$2400 p.a.	10/7/24 - 10/7/24	1
E. C. Solinsky	Forester	\$2100 p.a.	10/15/24 - 10/17/24	3
Carl P. Russell	Park Naturalist	\$2100 p.a.	10/10/24 - 10/31/24	19
Homer B. Hoyt	Ranger	\$1440 p.a.	10/14/24 - 10/14/24	1
Clyde D. Boothe	Asst. Chief Ranger	\$1860 p.a.	10/25/24 - 10/28/24	3
Joseph N Garbarino	Head Teamster	\$1500 p.a.	10/6/24 noon-10/11/24	5½
Albert H Kottbauer	Master Mechanic	\$2300 p.a.	10/29/24 - 10/31/24	3

Sick

Edith E. Leavitt	Clk-stenog-typist	\$1500 p.a.	10 a.m. to 5 p.m. 10/15/24	½
Arthur T. Gallison	Property Clerk	\$1680 p.a.	10/20/24 - 10/31/24	12
Mrs. Maude A. Field	Telephone Operator	\$1140 p.a.	10/17/24 - 10/17/24	1
Mrs. Amy S Alexander	Telegraph "	\$1500 p.a.	10/20/24 - 10/20/24	1
Homer B. Hoyt	Ranger	\$1440 p.a.	10/28/24 - 10/30/24 noon	2½
" "	"	\$1440 p.a.	10/31/24 - 10/31/24	1

Without Pay

125 Mrs. Helen E. Williams	Clerk	\$1680 p.a.	10/6 noon - 10/31/24	25½
63 Mrs. Betty M. Russell	Clk-stenog-typist	\$1500 p.a.	10/17/24 - 10/31/24	15
Elbert C. Solinsky	Forester	\$2100 p.a.	10/31/24 - 10/31/24	1

APPOINTMENTS

SEPARATIONS

PROMOTIONS

Appointments.

None.

Separations.

Frederick W. Shepherd, Telegraph Operator, at \$1500 p.w. & q., effective at the close of October 4, 1924.

Herbert E. Sault, Temporary Park Ranger, at \$1440 p.w. & q., effective at the close of October 5, 1924.

Promotions.

None.

Furloughed.

Mrs. Maudie A. Field, Telephone Operator, at \$1140 p.w.a.e. & q., furloughed at the close of October 31, 1924.

Recalled from furlough.

Mrs. Carrie Robinson, Telephone Operator, at \$1140 p.w.a.e. & q., was recalled from furlough and entered on duty on October 24, 1924.

III. WORK COMPLETED.

(a) Construction of Physical Improvements.

Administration Building. On October 18 Gutleben Brothers had completed the Administration Building, and it was accepted as of that date, and the voucher covering the final payment forwarded to Washington. The Government is now doing a great deal of work around the Administration Building and the new village site in laying out grounds, building roads and walks, laying sewer and water lines to the building, and the construction of the transformer vault.

Sewer System. During the month the work on the sewer system made fair progress, there being eight buildings complete for the comfort stations and all drain pipes in. The plumbing has been roughed in four stations with eight more to do. The fixtures have still to be set in all buildings. At the sewage pumping plant in camp 12 the hole has been excavated, and the machinery is on hand, as well as the gravel, sand, and cement for the concrete work. Work is being done now on the concrete forms, and the steel for reinforcing. With favorable weather the forms will be completed and pouring of concrete started within the next two or three days. All of the vitrified pipe sewer lines have been laid except for 150 ft. of 6" pipe and 140 ft. of 4" pipe. All of the water mains extended in connection with the sewer system have been laid except 800 ft. of 2½" pipe. There is 920 ft. of trench dug for this pipe which has not yet been laid.

Extension of Water System. The intake for the new water system extension on Illilouette Creek has been completed, and the laying of the 14" wood stave pipe has just been started. There is 400 ft. of this pipe to be laid.

Ranger Stations. All of the work at the Tuolumne Meadows, consisting of the erection of five buildings and the installation of a water and sewer system were completed in September. Work was then started on moving the Alder Creek Ranger Station and the reconstruction of the building. This work was practically all completed in October and included also the new comfort station at this point, which has been completed except for the setting of the fixtures. A kiosk for checking cars at the station has not yet been started.

Tuolumne Canyon Trail. On the Tuolumne Canyon Trail a bridge was built over Rodgers Canyon Creek, the span being 50 ft. and the bridge 8 ft. in width. In addition, there was 200 yards of trail built through solid boulders and a ford crossing built across the second branch of Rodgers Creek. The crew in the upper portion of the canyon was withdrawn early in October on account of storms, and the crew in the lower portion was withdrawn on October 10. About two miles of trail remains to be completed.

(b) Maintenance and Repair.

Roads. On the roads on the floor of the Valley only one sprinkler was employed during the first week in October, this being withdrawn after the first storm. The team was then employed on grading all of the roads on the Valley floor. No other maintenance work was done on these roads except for draining after the storm.

On the El Portal Road between Pohono Bridge and the park entrance one sprinkler was employed until the first storm, after which the team and driver were used assisting the two maintenance men in taking out rocks and slides.

On the Wawona, Glacier Point, and Mariposa Grove roads work was discontinued after the roads had been ditched for the winter, and the crew was brought into the Valley.

There was no work done on the Big Flat Road other than the ditching, which was taken care of from headquarters.

The Mather Station Road was graded and ditched in parts for the winter, but it is difficult to do much ditching on this road until snow falls as the road will be in constant use until that time. The new part of the road was completed, consisting of the rebuilding of a stretch 3000 feet long and 20 feet wide.

The Tioga Road crew was withdrawn sooner than intended on account of snow storms, and the putting in of corrugated iron culverts in many important places was postponed until next season.

Special Road Improvement. After the travel dropped off in the latter part of the season, the road crews which were engaged on maintenance work during the summer were assigned to road improvement as they could be spared, such as the widening of the roads from single to double track, the cutting out of blind turns, putting in of culverts, etc. The work accomplished was as follows:

<u>Wawona Road:</u>	<u>Length of cut</u>	<u>Depth</u>
Outside park	50 ft.	7 ft.
Outside park by park gate	400 "	5 "
" " to Alder Creek	70 "	5 "
" " " " "	50 "	5 "
" " " " "	90 "	4 "

Wawona Road cont.

	<u>Length of cut</u>	<u>Depth</u>
Alder Creek Hill	300 ft.	5 ft.
" " "	50 "	4 "
" " "	50 "	5 "
Avalanche Creek (south)	275 "	10 "
" " (north)	450 "	5 "
South of Grouse Creek	300 "	5 "
" " " "	<u>100 "</u>	5 "
Total	2,185 "	

Big Oak Flat Road:

On the Big Oak Flat Road at Lily Creek a 48" culvert 20 ft. long was installed to replace an old wooden bridge 14 ft. wide. On Coyote Creek a two-foot culvert 24 ft. long was installed to replace an old wooden bridge 12 ft. wide. In addition, the road was widened for a distance of 150 feet to eliminate a sharp curve at this point. On Squaw Creek a 36 inch culvert 24 ft. long replaced a 12 foot wooden bridge. West of Tamarack Creek an 18" culvert 24 ft. long replaced a wooden drain. On Gin Flat a 12" culvert 24 ft. long replaced a log drain 14 ft. wide. The ends of all culverts were finished with dry rock walls.

The road was changed west of Tamarack Flat on the first turn for a distance of 300 ft. reducing the grade from 16% to about 10%. Also the three upper turns on this section were widened for about 150 to 200 ft. each in length and from 12 to 25 ft. in width, and the grades considerably reduced.

Mather Station Road: On the Mather Station Road 3000 ft. of new road was built 20 ft. wide, which shortens the distance approximately one-half mile to Mather Station. The grade on the new road does not exceed 6%. Two culverts were put in on the new construction: one 18" in diameter by 24 ft. long, and the other 12" in diameter and 20 ft. long.

Tioga Road: Plans were made to replace a great many of the culverts on the Tioga Road and with that object in view all the necessary culverts were purchased and have been distributed to the designated location. It was hoped to have these culverts installed this fall, but the heavy storms made it necessary to withdraw the crew. However, 15 culverts were installed ranging in diameter from 12 to 36 inches and from 16 to 20 feet in length.

Trails. There was no trail work done in October except for slight repairs to the Glacier Point Short Trail and the ditching of the Yosemite

and Eagle Peak Trail for the winter.

Sanitation. On general sanitation, garbage and manure disposal, etc., two laborers and four head of horses were employed. Most all of the time was devoted to the cleaning up of the garbage disposal pits.

Blacksmithing. The blacksmith's work consisted of general repairs in connection with the general work in the park on tools, implements, trucks, wagons, etc. A number of wagon tires were reset, and a truck trailer repaired. A number of U bolts for the electric system were made. There were 46 head of stock shod, and 197 shoes set during the month.

Freight Hauling. 86 tons of freight was hauled from the railroad station at El Portal, consisting of general supplies.

Wood Hauling. There were 180 cords of wood hauled and distributed to the quarters of Government employees and sold during the month and 45 cords additional hauled to the wood yard.

Painting. During the month the painter painted 36 posts with one coat, enameled the bathroom of the quarters of Assistant Chief Ranger Boothe, stained the reading room at the boarding camp #1, enameled the bathroom at the quarters of W. B. Campbell, painted the floors for Supervisor Sovalewski, furnished paint for the kitchen floors of Messrs. Trumbly and Ellis, these men doing their own work. The paint for the Crane Flat Ranger Station was also mixed and applied by the park rangers, and a quantity mixed for the two pumping stations and applied by the electrical division. The upper floors of the new administration building were surfaced with a power machine.

Stock. During October 105 head of horses were used, 46 being Government animals and 59 hired from the contractor, C. H. Carlon. A number of animals were kept in pasture as they are no longer serviceable. 61 head of hired stock was returned to the contractor between October 1 and 12, leaving a balance of 77 head on hand for the winter. The stock was employed approximately as follows:

	<u>Hours days</u>
Administration	444
Roads, floor of the Valley	293
El Portal Road	134
Wawona "	57
Tioga Road	44
Mather Station Road	93
Sanitation	121
Construction at Soda Springs	6

Stock cont.

	<u>Horse days</u>
Transportation for Gutleben Bros.	112
" " McDonald	16
Care of Grounds	38
Local Transportation	80
Improvement of Water System	72
Buildings and Structures	38
Information, guide, etc.	28
Sewer System	18
Fighting Fires	6
New Administration Building	66
Flush Toilets in Public Grounds	44
Construction Tholme Trail	126
Maintenance of trails	14
Idle in Pasture	462
Idle Transportation	<u>807</u>
Total	3,119

Payment for stock during October is as follows:

Draft horses, Oct. 1 to 15	2 head
" " 1 " 31	28 "
Pack & saddle animals, 1 to 31st	1 "
" " 1 to 10th	<u>20 "</u>
Total	51 "

Carpenter Division. In addition to the construction work which has been outlined under Section III, the carpenter division handled all of the general maintenance of buildings, etc., the principal jobs consisting of the construction of a reading room at the laborers' camp at headquarters, the moving and repairing afterwards of Ranger Bingaman's house from the administrative center, taking down tents used by the post office crew during the summer, as well as Government tents, taking down platforms in camp 19, building stairs at the power house, building three sleds and one road drag, and a number of other small jobs.

Plumbing Department. The plumbing department, which was engaged on construction work as outlined under Section III, also handled the regular maintenance and repair work during the month, their principal jobs consisting of setting up and repairing stoves, painting four-inch cast iron pipe, repairing plumbing at Cascade Creek, connecting four-inch water lines back of

Mr. Cumberlani's quarters, making pipe railing for substation and power house, draining the water systems at Gentrys and Inspiration Point, as well as the fire hydrants on the floor of Yosemite Valley, making pipe nipples for stock, installing the plumbing in Ranger Elngaman's house, and taking care of the pumping plants at night, turning water on and off at the restraining dam in the Merced River for operating the power house, and a number of other miscellaneous jobs too minor to mention.

ELECTRIC SYSTEM

Power Plant Operation. On account of the small flow of water through the Merced River, it was necessary to shut down the power plant except during the hours most necessary for furnishing light. Practically all of the load on the plant was disconnected except lights. As the flow varied, the load on the plant and the hours of service were changed to correspond so as to take advantage of all of the power available. The early rains in the month brought only slight improvement, and it was not until October 29 after five inches of rain had fallen that the power plant was put on a twenty-four hour basis and all of the loads reconnected.

The No. 2 unit at the power plant was taken apart, all bearings relined, and water seals taken up. This machine is now ready to be put into operation.

The pipe line right-of-way was brushed out of all undergrowth and thoroughly cleaned, and all leaks in the line plugged up. The bed of the pipe line and the tressels are now being cleaned of all loose dirt and rocks.

The construction of a substation and switch equipment at the power plant by the San Joaquin Light & Power Corporation has been completed with the exception of the installation of the 11,000 volt cable between the substation and the power house. This work has been delayed because of failure of necessary material to arrive. The transmission line built by the San Joaquin Light & Power Corporation between the park line and the power plant has been completed.

Attached hereto is a sheet showing the comparative data on the operations of the power plant for October, 1924, compared with October, 1923.

Maintenance of Electric Lines and Equipment. Three additional electric motors were installed at camp No. 12 pumping station and the transformers changed from one 6 k.v.a. to two 15 k.v.a. The work on the new substation near Yosemite Falls Trail was nearly completed, all busses, braces, and switches being installed and three 100 k.v.a. transformers moved from the old station to the new. One of these transformers when connected into

service leaked to ground and will have to be inspected and repaired before being put into service again.

900 feet of three conductor 2500 volt power cable was put underground between the quarters of Ranger Rich and the Rangers' Clubhouse. A loop was left in this cable from which a feed for the new administration building can be taken. All street lights were connected into service on October 29, after having been off for some time because of lack of power.

Telephone and Telegraph Systems. The long distance telephone lines were out of commission fifteen times during the month, due principally to the road construction near Briceburg. In the new administration building site 1900 feet of underground telephone cable was installed preparatory to moving the telephone exchange into the new building. This cable was run as follows:

5 pair	from the new exchange to the Officers' and Rangers' Clubhouse
100 "	from the new exchange to Supervisor's quarters (Sovaleski)
15 "	from the new exchange to the scale house
1 "	from the new administration building to the electric shop.

This was all lead encased cable and was buried two feet underground and covered with a red wood plank.

Attached is a sheet showing the comparative data on the operation of the telephone and telegraph systems for October, 1924 as compared with October, 1923.

COMPARATIVE MONTHLY REPORT OF
ELECTRIC SYSTEM

Month of October 19 24

	19 <u>24</u>	19 <u>23</u>
Total output for month in K.W.H.	85895	535320
Peak load in K.W.H. for 1 hour	530	925
Peak load in K.V.A. for month	628	937
Energy sold for light in K.W.H.	3640	10747
Energy sold for heat in K.W.H.	12636	110249
Energy sold for power in K.W.H.	1430	2884
Energy sold for cooking in K.W.H.	2193	45745
Energy sold for residence use in K.W.H.	1746	8994
Total energy sold in K.W.H.	21645	178617
Energy used by Service, includ. losses	64250	153703
Revenue from sale of electricity	\$452.11	\$1,825.30
Cost of generating 1 K.W.H. to	-----	-----
Average income per K.W.H. sold	.0200	.0102

A

COMPARATIVE MONTHLY REPORT OF
TELEPHONE OPERATION

Month of October 19 24

	19 <u>24</u>	19 <u>23</u>
Miles of circuits maintained	295	275
Number of telephones connected	157	163
Total number of local calls handled	11901	18201
Peak load in local calls per day	524	1545
Peak load in long distance calls per day	19	19
Outbound long distance calls	22	196
Inbound long distance calls	137	157
Revenue from long distance business	\$97.72	\$98.64
Number of telegrams handled over P.T.& T. wire	39	83
Number of telegrams handled over W. U. wire	286	335
Revenue from telegraph office	\$70.52	\$68.41
Revenue from pay stations	.90	4.90
Revenue from measured service calls--net	\$15.45	0
Revenue from rental of telephones	\$252.00	\$242.80
Revenue from money transfers	3.30	2.80
Total income from this department	\$438.99	\$417.75
Number of money transfers handled	6	6
Amount of money involved	\$192.64	\$204.00

(c) Mr. Solinsky is away, and his October report could not be secured in time to be transmitted but will be included in the next month's report.

(d) Service to the Public.

Travel. During the month of October there was a total of 1038 visitors to the park, compared with 1336 for the same month last year. Attached is a sheet showing the comparative monthly and to date travel record for the month of October, 1924, compared with October, 1923.

Facilities. The Sentinel Hotel was the only hostelry in operation during the month. The Yosemite Transportation System continued its tours on the floor of Yosemite Valley daily and to the Mariposa Big Tree Grove except when weather conditions prevented. The Horseshoe Route discontinued service on October first because of lack of travel, their usual closing date being October 15.

Lost and Found. There were no articles reported lost and no articles found.

Guns. There were 68 guns sealed during the month and one taken up.

IV. WORK IN PROGRESS

Tuolumne Canyon Trail. About two miles of very difficult construction remains to be done on this job. Because of the difficulty in holding men due to the lateness of the season, the work has been discontinued for 1924.

Sewer System. This work is being carried forward and good progress is being made.

Administration Building. This has been completed by the contractor and accepted. The Government, however, is doing a great deal of work in connecting water, sewer, electric, and telephone service, and putting the grounds in condition.

Water System. The intake has been completed, and a start made on the laying of the pipe, but it is doubtful whether this can be completed until next spring because of weather conditions.

V. PLANS AND PROPOSED WORK.

All of the construction jobs authorized by the current appropriation have now been finished or were in the course of construction. The principal new work at the present time is in connection with the work around the new administration building and the new village center.

An allotment has been made for the construction of an incinerator of three separate units. The material has been ordered for one unit, but no work has yet been done except the hauling of the gravel. It is the intention to build one unit and to try it out before building others. The delay in construction of the incinerator has been due to several revisions of the

COMPARATIVE MONTHLY & "TO DATE" TRAVEL REPORT

(To accompany Chief Ranger's monthly report)

Month of October, 1924

	1923 1923	1924 1924
FORWARD	Beginning Season	Beginning Season
Travel by private automobiles	612	379
" " motorcycles		
" " auto stages, Y.N.P. Company other than from El Portal	none	205
" " auto stages, Y.S. & T. Company	87	14
" " wagon, foot, horse, etc.	76	57
" " Yosemite Valley Railroad	537	380
" " Hetch. Hetchy Railroad	22	3
Total for month	1334	1038
Total to date	1334	1038

plans which have been prepared by Mr. H. S. Hommon, sanitary engineer of the U. S. Public Health Service. These plans were revised after Mr. Hommon had built one unit in the Sequoia National Park.

VI. POLICIES.

No new policies were adopted during the month.

VII. COST OF OPERATION.

1934 Appropriation

<u>Appropriation</u>	<u>Expended</u>	<u>Balance</u>
\$216,244.09	\$216,132.26	111.83
Expended in October	<u>22.83</u>	<u>88.94</u>
	\$216,096.86	147.21

1924-25 Appropriation

\$ 80,000.00	50,117.95	29,882.05
Expended in October	<u>6,301.58</u>	<u>6,301.58</u>
	56,419.53	23,580.47

1925 Appropriation

\$222,820.00		
Less 5,000.00 Reserve		
\$217,820.00	92,335.41	\$125,484.59
Expended in October	<u>16,717.68</u>	<u>21,717.68</u>
	\$109,053.09	\$103,766.91

The total expenditures and encumbrances in connection with the maintenance, repair, operation, and construction work during the month of October, 1934 amounted to \$22,983.88.

VIII. OTHER MATTERS OF INTEREST.

Accidents and Casualties: Medical Service. During October Dr. Claude H. Church handled a total of 82 cases, answering 162 office calls and 72 house calls, a total of 234 calls for the month. There were no operations or hospital cases recorded, but 17 accidents - all of a minor nature. One birth was reported, a daughter to Mr. and Mrs. James Murphy on October 12. There was also one death in the park during the month, that of Lucy Brown, an old Indian woman, on October 20. "Old Lucy" was the oldest Indian in Yosemite and claimed by the other Indians to be about 120 years old. She had six generations of descendants living in and around Yosemite at the time of her

death, and her husband was a grandson of Chief Tenaya. She has lived every summer in a little tepee on the Indian camp grounds and has probably been photographed more by park visitors than any other subject. She was buried in the little Indian burial grounds in Yosemite Valley by the side of her husband, who died in 1896.

Nature Guide Service. The museum attendance for the month of October was 220. A number of new accessions were secured. Dr. J. C. Smith donated a large picture of the McCauley trail gang at work on the Four Mile Trail to Glacier Point and a large picture of John Conway beside Jim Lemon's tombstone in Yosemite cemetery. Ranger Adair presented a model 1873 Winchester rifle 44-40 found in Crescent Lake. Mr. John Luckenbach of Los Angeles has donated \$18 with which to purchase another large jar for the second big trout received last month. Mr. Sam Conway of Miami, California has loaned a lot of valuable historical material consisting of superintendents' early reports, photograph of tourist party, literature on the Yosemite and the Big Trees, etc. A number of other accessions were secured, and several more interesting ones have been promised for later delivery.

The park naturalist was away on annual leave for a portion of the month, and most of this time was spent at libraries reading the old files of Lundy, Bodie, Benton, and Mammoth newspapers where convenient references were found to the very early history of Yosemite summit region and the country about Mono Lake. Valuable contacts were made and ideas obtained, as well as invaluable material on the history of the Yosemite region. This material will be published in Nature Notes or some other suitable publication later.

Police Records. The following is a list of the cases handled before the U. S. Commissioner during the month:

October 3, 1924 U. S. vs Erik Lars Nelson, Venice, California
Complaint and affidavit sworn to by Forest S. Townsley charging in substance that on or about the 19th day of September, 1924 at or near Crescent Lake Erick Lars Nelson in violation of section 5 of the Rules and Regulations of Yosemite National Park did unlawfully have in his possession within the boundaries of the park a firearm, to wit, a Winchester rifle. (2) Hunting for wild game within the boundaries of the Yosemite National Park with same.
Complaint read and explained to defendant.
Plea - to first count, not guilty.
Plea - to second count, guilty.
Adjourned to October 4, 1924 at 10:00 a.m.
First count dismissed.
Judgment second count, fifteen days in the San Francisco County Jail No. 1.

- October 3, 1924 U. S. vs Al. J. Holland, Venice, California
 Complaint sworn to by Chief Ranger Forest S. Townsley
 Charges - possession of fire arm and hunting for wild
 game within the boundaries of the Yosemite National Park.
 Plea - guilty to both counts.
 Judgment on first count fine of \$50.00
 " " second count 30 days in the San Francisco
 County Jail No. 1.
- October 3, 1924 U. S. vs Floyd Branscomb, Fish Camp, California
 Complaint sworn to by Chief Ranger Forest S. Townsley
 Charges - possession of fire arms and hunting for wild
 game within the boundaries of the Yosemite National Park.
 Plea - to first count guilty
 to second count not guilty
 Second count dismissed.
 Judgment first count fine \$25.00 and 30 days in the San
 Francisco County Jail No. 1, the jail sentence being sus-
 pended during good behavior.
- October 27, 1924 U. S. vs O. C. Dyer, 152 Raymond Avenue, Ocean Park, Calif.
 Complaint sworn to by Chief Ranger Forest S. Townsley
 Charges - possession of firearms and hunting for wild
 game within the boundaries of the Yosemite National Park.
 Plea - not guilty to both counts.
 Case adjourned to October 28.
 Up to present date no word has been received from the judge
 as to his decision.
- October 11, 1924 U. S. vs Nick Beardon, Yosemite National Park Company
 employee.
 Ordered from the park by Superintendent Lewis for making
 intoxicating liquors within the boundaries of the Yosemite
 National Park not to return without written permission
 from Superintendent Lewis.

Administrative Center Activities. Work was started during the month
 by J. E. McDonald of the Oakland Building and Mortgage Company on the construc-
 tion of the new post office building in the administrative center, and after
 completing the Administration Building for the Government, Gutleben Brothers
 started construction of a new studio for Mr. A. C. Pillsbury. A contract was
 also signed during the month with the American Association of Museums for the
 construction of the new museum building, which will also form a part of the
 administrative center, and work has already been started on this. In addition,
 Mr. H. C. East has arranged with Gutleben Brothers to clear his building site
 of the rocks which must be blasted out, and all of these jobs are now in progress.

The Government is busy on the site laying sewer and water lines, building roads and walks, and improving grounds generally. Plans are under way for the formal dedication of the Administration Building and for laying of the corner stones of the museum and the post office building on November 16.

Motion Pictures. There were no motion picture companies in the park during the month.

Ranger Activities. On October 19, 27 cans of German Brown Trout and 13 cans of Rainbow Trout, containing approximately 100,000 trout fry were received from the state fish and game commission at El Portal and planted in the Merced River below the Pohono Bridge. They were all in good condition.

The patrolling rangers report very little hunting along the park boundaries this fall because of the closing of the national forests surrounding the park on account of fire hazard. While the forests were opened after the first rains permitting about one week of hunting, there was only a very small percentage of the usual number who took advantage of their opportunity.

On October 15 the cables leading to the top of Half Dome were taken down and stored for the winter.

At the Cranes Flat Ranger Station all three rooms were sealed and painted during the month, the doors and windows fixed, and the stove pipe repaired. The entire building was put in good condition.

Ranger Adair cleared the old packers' trail from Mather Station to the Tioga Road by blasting out all of the fallen trees and blazing and brushing out the trail.

Forester Solinsky was kept busy throughout the month on measuring the trails in the more remote sections of the park, and the data has now been secured for an extensive sign system which will be accurate as to both mileage and direction. These trails were measured by mounting a cyclometer on a bicycle wheel to which a long handle was attached, and the wheel rolled over the trails on horseback. Attached is a picture showing Forester Solinsky and his outfit.

IX. RECEIPTS AND REMITTANCES.

There is attached hereto in duplicate a report of money collected, transmitted, and falling due for the month of October, 1924, amounting to \$9,361.72. The amount transmitted with this report is \$4,016.18, which is made up as follows:

Certified Checks

<u>No. or date</u>	<u>Payee</u>	<u>Drawer</u>	<u>Bank</u>	<u>Location</u>	<u>Amount</u>
3817	The Director	Gurry Camping Co.	of Palo Alto	Palo Alto	\$1,853.71
3833	do	do	do	do	372.70
83	do	Y.N.P. Co.	First National	S. F.	932.56

Postal Money Orders

74470	The Director	W. B. Lewis	Post Office	Yosemite & Wash.	100.00
74471	do	do	do	do	100.00
74472	do	do	do	do	100.00
74473	do	do	do	do	100.00
74474	do	do	do	do	100.00
74475	do	do	do	do	100.00
74476	do	do	do	do	100.00
74477	do	do	do	do	100.00
74478	do	do	do	do	100.00
					<u>57.21</u>
				Total	\$4,016.18

Please acknowledge receipt of this amount.

Very truly yours,

W. B. Lewis
Superintendent

The Director
National Park Service
Washington, D. C.

EPL:R