

October 4, 1924

SUPERINTENDENT'S MONTHLY REPORT

FOR

SEPTEMBER, 1924.

October 4, 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 September 1924:

1. GENERAL CONDITIONS:

Economic. Volume of business and price levels during the past month justify the favorable expectations which date from the end of June and early part of July. Business is better than it was up to that time. It is better even than it was in July and August, though the improvement has not been so marked as to make present conditions comparable with 1919 and 1920, or with the spring of 1923. In these respects, California, and more particularly the San Francisco Bay area and northern California, do not differ greatly from the country as a whole. Reduced volume of production has resulted in somewhat less than full employment for available labor and in that respect our experience is in line with that of eastern manufacturing sections. In the fact that crops are bringing practically as much money as in years of normal crops our position is like that of the middle western states which are enjoying the benefits of higher prices for their grain and livestock.

Weather and Water Conditions. The mean maximum temperature for the month of September 1924 was 82.83 compared with 75.63 for the same month last year, the mean minimum being 38.68 compared with 43.36, and the mean 60.25 compared with 59.49. This indicates cooler days with slightly cooler nights. There were 28 clear days and two cloudy days but no rain fell at Yosemite that could be recorded. There was a sprinkle in the higher mountains on September 1st and 14th, not enough, however, to be of any value.

The water situation for power purposes became more serious towards the close of the month and further restrictions in the use of electricity and the number of hours that the power plant was operated were placed in effect. There is attached a comparative monthly and "to date" weather report for September 1924, compared with September 1923.

Hoof and Mouth Disease. Of the sixteen counties involved in the California outbreak, fourteen are now considered entirely free from infection. Another is probably free and the final one, Tuolumne, still contains a small, but baffling center of suspected infection. This statement was made recently by Dr. John E. Mohler, chief of the Bureau of Animal Industry, following a trip of inspection.

The matter that is causing the greatest concern right now is the foot and mouth disease among the deer in Tuolumne county. On September 20th Charles D. Doole, leader of Predatory Animal Control for the State of California, who is also Administrative Assistant of the U. S. Biological Survey, accompanied by Norman C. Buhn, Superintendent of Rodent Control of the Department of Agriculture for the State of California, entered the park at the Tioga Pass Ranger Station.

Mr. Doole stated that the infection of foot and mouth disease among the deer in Tuolumne County was growing very serious, that the disease was spreading rapidly and from 50 to 60 per cent of the deer in the infected locality appeared to have the disease and that they were having it now in a very hard form, making them extremely sick animals when infected. He stated that the deer seemed now to be even more susceptible to the disease than cattle, sheep, and hogs were.

Mr. Doole said that he had about 40 men in the district killing off the deer there as fast as they could with poison principally, but also shooting them where necessary, using Maxim silencers for their rifles, and were endeavoring to get the infected animals all killed before cold weather set in and started the movement of deer from higher sections of the mountains down into this infected area, and also the movement of deer from the infected areas into other areas.

The cattlemen having cattle in the Stanislaus National Forest have all been requested to get their cattle out by September 25th if possible and practically all are endeavoring to do so. Lack of food and water on the lower ranges makes it hard for cattlemen to take their cattle out so early, especially before rains; on the other hand the first real storm will drive all the deer out of the higher mountain country, making the foot and mouth disease infection that much more serious.

On September 30th, Dr. U. G. Houck, Inspector in Charge of the Epidemic in California, with headquarters at Sacramento, called on us for a truck with four men to help build a drift fence in the vicinity of Buck Meadows in order to prevent movement of the deer. This assistance was promptly furnished.

The foot and mouth disease has also appeared in the state of Texas recently but the infection has been traced to cattle taken in there from Mexico and new infection is not in any way traceable to the infection in California.

Labor and Supply Markets. During the month it was necessary to secure thirty-two laborers from Merced in order to keep our working forces recruited, the government paying the transportation amounting to \$7.50 each, with the understanding that the employees would remain at least sixty days. In case the employee quits before the sixty days are up or is discharged for cause, the value of the transportation advanced is deducted from wages earned. It has been particularly difficult to keep our organization together in the higher mountain country, especially on the trail construction in the Tiolumne Canyon. It is getting that time of the season when snow may be expected and they are getting anxious to get out. It will be necessary, therefore, to close down this work within the next few days.

In supply purchases forage and grain are considerably higher this year than last because of drought conditions, and butter and eggs and vegetables are somewhat higher in price this month.

COMPARATIVE MONTHLY & "TO DATE" WEATHER REPORT

(To accompany Chief Ranger's monthly report)

YOSEMITE

Station

Month of September, 1924.

	19 ²⁴	19 ²³
Mean Maximum	82.83	75.63
Mean Minimum	38.68	43.36
Mean	60.25	59.49
Maximum	.94°	.95°
Greatest Daily Range Minimum	30°	30°
Rainfall	None	1.96"
Greatest in 24 hours	None	.91"
Rainfall to date	None	2.13"
Snowfall	None	None
On ground 15th	None	None
On ground End of month	None	None
Snowfall to date since October 1	None	None
Days of more than .01 rainfall	None	5 days
Clear Days	28	16 days
Partly Cloudy Days	2	7 days
Cloudy Days	0	7 days
Greatest Daily Range	87-30-57	95-52-43

11. 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. 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.
4 Telephone Operator	2 local and long distance; 1 relief; 1 night.
1 Clerk-Telegraph Opr.	Managing office, handling wire, money transfers, accounts, etc.
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 corrales 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 & Spl. 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	Asst. to chief ranger
10 13 Rangers	10 patrol duty, and shop work 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,
list of temporary laborers, truck drivers, etc., were employed:

	<u>Aug. 31</u>	<u>Sept. 30</u>
Stone Mason	0	1
Lineman	4	4
Mechanic	1	1
Truck Driver	16	15
Waitress	1	1
Cook	10	7
Gang Foreman	7	6
Housekeeper	1	1
Packer	2	1
Hand Driller	1	1
Teamster	25	19
Plumber	4	3
Carpenter	5	4
Plumber's Helper	9	14
Blackman	32	26
Laborer	25	20
Yardman	1	1
Janitor	1	1
Powderman	3	2
Carpenter's Hlpr	3	1
Roostabout	1	1
Dishwasher	1	1
Woodcutter	2	1
Waiter	1	1
Blacksmith	1	1
Herder	0	0
Watchman	1	1
Painter	0	0
Harness maker	1	0
Warehouse Laborer	1	1
	<u>161</u>	<u>156</u>

On August 31 there were 229 employees on our payroll; on
September 30 there were 187.

LEAVES OF ABSENCE

<u>Name</u>	<u>Designation</u>	<u>Annual Salary</u>	<u>Dates</u>	<u>No of days.</u>
Mrs. Amy B Alexander, Clk-Teleg. Opr.		\$1500 p.a.	9/1/24 - 9/29 Moon	23½
Winfield B. Campbell, Gen. Painter		\$1500 p.a.	9/4/24 - 9/4/24	1
Winfield B. Campbell, " "		\$1500 p.a.	3 pm to 5 pm, 9/30/24 -	½
Florence M. Gallison, Telephone Opr		\$1140 p.a.	9/4/24 - 9/8/24	4
Edith E. Leavitt, Clerk-Steno.		\$1500 p.a.	9/20/24 - 9/20/24	½
Ernest P. Leavitt, Asst. Supt.		\$3000 p.a.	9/20/24 - 9/20/24	½

Annual Continued

<u>Name</u>	<u>Designation</u>	<u>Salary</u>	<u>Dates</u>	<u>No. Da</u>
Mrs. Betty M. Russell,	Clerk-Steno.	\$1500 p.a.	9/12/24 - 9/30/24	16
Mrs. Helen E. Williams,	Clerk,	\$1680 p.a.	9/1/24 - 9/30/24	25
E. R. Reed	Ranger,	\$1500 p.a.	9/5/24 - 9/6/24	2

Sick

Henry W. Barnes,	Clerk (Accounting)	\$1740 p.a.	10 am to 5 pm, 9/15 -	1
Henry W. Barnes,	" "	1740 p.a.	1 pm to 5 pm, 9/16 -	1
Miss Ethel M. Foster,	Clerk-Stenographer,	1500 p.a.	10 am to 5 pm, 9/24 -	1

APPOINTMENTS

SEPARATIONS

PROMOTIONS

Appointments.

None.

Separations.

170 Green, William G. Temporary Park Ranger, payee & q., effective close September 5, 1924. \$1440

Silva, Walter R. Temporary Park Ranger, payee & q., effective close September 25, 1924. \$1440

Promotions.

There were no promotions during the month.

Separations.

Freeland, Edward D. Temporary Park Ranger, \$1200 payee & q., effective close September 22, 1924.

111. WORK COMPLETED.

(a) Construction of Physical Improvements.

Administration Building. By the end of the month the new administration building was nearing completion, the only work remaining to be finished being the inside finishing on some of the rooms and the last coat of paint on the interior of the building. Plans are being made at the present time for the dedication of this building about the middle of November.

Sewer System. The work of extending the sewer system on the floor of Yosemite Valley was continued during the month as follows:

A new pumping plant was started, designated as Sump No. 4, which was excavated to a depth of six feet and 132 cubic yards of material removed. All of this work was below the water level so that considerable time was taken up in installing pumps, hoists and cribbing.

In camp No. 12, 280 feet of sewer trench nine feet deep was dug and 470 ft. of trench $2\frac{1}{2}$ feet deep. In this camp ground 1065 feet of 6 inch sewer pipe and 85 feet of 4 inch sewer pipe was laid during the month. In addition 520 feet of trench $2\frac{1}{2}$ feet deep for the laying of water pipe was excavated. There were 1425 feet of $2\frac{1}{2}$ " water pipe laid in this camp during the month and a total of 1625 feet of both sewer and water trenches backfilled.

In camp No. 14, 100 feet of sewer trench 9 feet deep was excavated and 50 feet of trench 3 feet deep. For putting in a cast iron water pipe, 150 feet of 3 foot trench was dug and the following pipe was laid:

Sewer pipe, 50 feet

4" cast iron pipe, 150 feet.

There was also 50 feet of trench 6 feet deep backfilled.

In laying service water lines 1250 feet of trench 2 feet deep for 1 inch pipe was dug and all of this pipe laid. In addition, 475 feet of $2\frac{1}{2}$ inch water pipe was laid. In the building of man-holes, 6 were excavated at an average depth of 7 feet, and one at 3 feet, one at 5 feet, and one at 9 feet. The latter three have been completed.

In camp No. 11, 300 feet of $2\frac{1}{2}$ inch galvanized water pipe was laid and 600 feet of $1\frac{1}{2}$ inch galvanized pipe.

In addition to this ground work eight of the comfort station buildings were enclosed and have been completed except for the inside finishing.

Extension of Water System. A start was made on the extension of the water system of Yosemite Valley by the building of a masonry dam near the mouth of Illillouette Creek. Orders have been placed for

banded redwood pipe to convey the water from the new intake to connect with the existing pipe line near the old intake which supplied the Happy Isled power plant.

Tuolumne Meadows Unit: The Ranger checking station has been completed in every detail and I am enclosing with the report, two pictures of the building as it appears when completed. The comfort station at this point has also been finished and the house for the road maintenance crew is complete except for the ceiling of the inside walls and a small amount of outside log work. The barn and the rangers living quarters, etc., have all been completed and all the buildings have been painted. The plumbing department put in 3880 feet of 2 inch water main and 810 feet of 1 inch water main to supply these buildings. They also laid 305 feet of 2 inch galv. pipe for sewer line to cesspools and 40 feet of 4 inch vetrified pipe. In each of the three houses the kitchen sink and range boiler was put in and a wash trough put in at the road crew house.

Alder Creek Ranger Station. Work was started at the end of the month on the Alder Creek Ranger Station on the Wawona Road, this work consisting of moving and altering the building in preparation for such improvements and additions as are necessary.

Tuolumne Canyon Trail. Work was continued steadily on the new Tuolumne Canyon Trail during the month but only one mile of trail was built as progress was slow as most of the trail was built through a formation of solid rock. Because of the difficulty of holding men any longer in this mountainous region, arrangements have been made to withdraw both crews on this trail as soon as the pack train can do so and work will be closed down for the present season.

(b) Maintenance and Repair.

Roads: Maintenance work on the Yosemite Valley and El Portal Roads was reduced from the use of nine sprinklers to two during the month. One 600 gallon sprinkler was left on the lower El Portal Road and one on the floor of the Valley. These were both horse drawn.

On the Wawona-Glacier Point and Mariposa Big Tree Grove roads only one crew was employed. Their work consisted principally of improvement of these roads in taking out blind curves, widening the road in narrow places, putting in turnouts, etc.

The small crew that had been employed on the Big Oak Flat Road was transferred to the Mather Station Road about September 15th. Work on the Mather Station Road is making good progress, a half mile

of new road being built on account of the unserviceable portion of the old road. This work was about 70% completed by the end of the month.

On the Tioga Road one crew was kept at work throughout the month principally on improvements. A number of culverts and bridges on this road which were built of common poles and wood have been replaced with corrugated iron culverts.

On September 17th the San Joaquin Light and Power Company crew while constructing the pole line between El Portal and the power plant, dislodged a huge rock which rolled down the hillside and into the road. The rock was about 25 feet high and 20 feet wide, and is estimated to have weighed from six to eight hundred tons. It was necessary to break this rock up to remove it from the road and 12 to 18 men were employed and a large quantity of powder used. Enclosed is a picture showing the size of the rock.

On the Big Oak Flat Road part of a retaining wall went out and it was necessary to rebuild 75 feet of this wall, averaging 4 feet in height, at a point below Rainbow View. The road was widened also for a distance of 300 ft. in length and 3 feet in width through solid rock in order to reduce the pressure against the retaining wall out the outside edge.

Trails: Only a small amount of maintenance work was done on trails outside of the ledge trails around the rim of the Valley. On the trail to Soda Springs, two miles East of Glen Aulin over the Tuolumne River, a new bridge was built consisting of two spans about 25 to 30 feet long and 7 feet wide. This work was done by the crew on the Tioga Road.

Sanitation. Further reduction in the sanitation crew was made during September from four laborers and five head of horses to two laborers and four head of stock. All of the camp grounds in the upper part of the Valley were closed for the season, Camp 6 only being retained for the use of visitors.

Blacksmithing. Blacksmith work consisted of general repairs of tools, implements, wagons, and trucks. On wagon repair a number of new tires were placed on wheels and a number of old tires reset. Ninety head of stock was shod during the month and 333 shoes set.

Freight Hauling: 249 tons of freight was hauled from the railroad station at El Portal consisting of forage, building materials, and general supplies.

Wood Hauling. 16 cords of wood was hauled from the field and distributed to employees' quarters during the month.

Painting. The Painter was engaged on general maintenance and repair work during the month, making up signs, etc., the principal jobs being the staining of nine new comfort stations complete. In addition there were a number of other small miscellaneous jobs done.

Stock. During the month of September there were 138 head of stock employed, 46 being National Park Service animals, and 92 hired from the contractor.

This stock was employed approximately as follows:

Horse days:

Administration	566
Roads Floor of the Valley	164
El Portal Road	274
Lawson Road	194
Big Oak Flat Road	78
Tioga Road	44
Mather Station Road	60
Sanitation	101
Construction at Soda Springs	59
Transportation furnished Cutleben Bros.	29
Care of Grounds	7
Local Transportation	14
Electric System	31
Improvement of Water System	23
Buildings and Structures	28
Tuolumne Canyon Trail Construction	421
Information, etc.	110
Sewer System	30
Fighting Fires	12
Trails	93
Mosquito Control	6
National Park Company	2
In Pasture	1298
Idle Transportation	<u>391</u>

Total 4140

Payment for the stock during Sept. will be as follows:

Draft stock, 1st to 30th,	35 head
Draft & saddle stock, 1st to 30,	41 head
Total,	76 head

Carpenter Division. The Carpenter division was engaged principally on construction work at the Tuolumne Meadows Ranger station and extension of the sewage system for which report has already been made, and in addition handling the general maintenance work of that division consisting principally of the erection of a laborers camp club and reading room; putting in new flooring on the Tenaya Creek Bridge; building shelters over the pumps on the valley floor road sprinkling system, and a number of other small jobs.

Plumbing Department. Most of the work of the plumbing department, like the carpenter division, was on construction jobs during the month, report for which has already been made, but in addition the general maintenance work was carried on such as the repairing of pipes and fixtures, installing pumping stations for the sprinkling system on the floor of Yosemite Valley; getting out 3/8 inch cable from the abandoned camp of the Yosemite Lumber Company for making a hoist line; draining comfort stations in public camps and closing them for the winter; the cleaning of the public comfort stations; the care of the pump houses and the sewer farm in the lower end of the Valley; reading water meters; and other small miscellaneous jobs.

ELECTRIC SYSTEM

Power Plant Operation. On account of low water the plant was shut down twice each day during the month. During the first part of the month the hours of service were from 5 a.m. to 9:30 a.m. and from 4:30 p.m. to 12 midnight. Because of the continual drop in the flow of water it was necessary during the latter half of the month to operate from 6 a.m. to 9 a.m. and from 4 p.m. to 12 midnight. The total number of hours run during the month were 350½. All of the load was disconnected except eight water heaters, two ice plants, and the regular lighting load.

The number 2 water turbine was removed and is being repaired in the machine shop. The pipe line was inspected, two broken trusses were repaired, and a number of leaks stopped.

Maintenance of Electric Lines and Equipment. The No. 6 copper wire on the 11 k.v. transmission line was taken down and replaced with No. 00 bare medium drawn copper wire from a point 800 feet east of the intake to the power plant building. This completes the job of changing over the No. 6 wire to No. 00 and we now have the larger wire strung from the power plant building to the substation back of Yosemite Lodge. A head guy was placed on this line every five spans where it follows the flow line pipe and every 10 spans the balance of the distance.

COMPARATIVE MONTHLY REPORT OF

TELEPHONE OPERATIONMonth of September 19 24

	1924	1923
Miles of circuits maintained	300	297
Number of telephones connected	168	185
Total number of local calls handled	15224	29024
Peak load in local calls per day	851	2532
Peak load in long distance calls per day	27	34
Outbound long distance calls	397	472
Inbound long distance calls	163	248
Revenue from long distance business	\$155.40	\$201.60
Number of telegrams handled over P.T. & T. wire	27	52
Number of telegrams handled over W. U. wire	596	1159
Revenue from telegraph office	\$84.50	\$195.39
Revenue from pay stations	\$19.90	\$14.20
Revenue from measured service calls--net	\$66.55	\$7.25
Revenue from rental of telephones	\$201.00	\$380.45
Revenue from money transfers	\$11.16	\$11.50
Total income from this department	\$538.51	\$873.39
Number of money transfers handled	19	24
Amount of money involved	\$947.12	\$848.00

COMPARATIVE MONTHLY REPORT OF

ELECTRIC SYSTEMMonth of September 1924

	24 19	23 19
Total output for month in K.W.H.	63345	294315
Peak load in K.W.H. for 1 hour	300	885
Peak load in K.V.A. for month	305	949
Energy sold for light in K.W.H.	5306	23805
Energy sold for heat in K.W.H.	26052	82380
Energy sold for power in K.W.H.	5037	17512
Energy sold for cooking in K.W.H.	13660	65049
Energy sold for residence use in K.W.H.	766	7330
Total energy sold in K.W.H.	50821	196076
Energy used by Service, includ. losses	121524	98239
Revenue from sale of electricity	\$846.67	\$3187.33
Cost of generating 1 K.W.H. to		
Average income per K.W.H. sold	.0166	.016

A

An indicating ammeter was installed in each of the main pumping stations of the sewer system so that the attendant can tell of pump trouble at a glance.

The commutator of No. 2 motor in the No. 1 pumping plant was taken off, all bars tightened up and cleared of short circuits.

A heater outlet was installed in the residence of F. B. Ewing for a water heater.

A snap switch was replaced in the residence of George Jeffery and a heater outlet installed.

A three phase, 2300 volt power line of No. 6 copper wire was built from the Mennyville Stables to the No. 4 pumping station, a distance of 1650 feet. 16 poles were set 30 feet high. Two 5 k.w. transformers and a 3 horsepower motor for pumping out the hole during construction were installed.

The San Joaquin Light and Power Corporation are installing a 1500 k.v.a. substation and switching equipment in and back of the power plant building. This work is about 75% completed. Their transmission line consisting of a 33 k.v., 3 phase line from El Portal to the power plant, is about 60% complete.

Attached herewith is a sheet showing the comparative data on the operation of the power plant for September 1924 compared with September 1923.

Telephone and Telegraph System. The long distance telephone lines were out of commission eight times during the month for a total of 99 hours. In three cases the trouble was on our end of the line while in five cases it was on the Merced end.

A large rock rolled down the hill and through the telephone lead near Arch Rocks on September 17th breaking three poles and five cross arms. Temporary connection was made until after the blasting was over after which the poles were replaced and the line put in first class condition again.

All of the material used in the temporary telephone line from Chinquapin to Camp No. 10 for fire fighting during August was gathered up and brought to the Valley.

The annunciator and telephone wires were pulled into the conduit in the new administration building. Attached to this report is a sheet giving the comparative data on the operation of the telephone and telegraph system for the month of September 1924 compared with September 1923.

(c) Miscellaneous Improvement Work.

The following is a report covering the logging operations of the Yosemite Lumber Company during the month of September 1924:

During this period the Company employed an average of 160 men at their camp 14. They operated 4 donkey engines hauling to 4 landings. They cut and shipped to their mill 3,480,174 feet b.m. of logs. They cut about 115 acres of land all of which are within the boundaries of the Stanislaus National Forest. Of the above amounts 2,156,430 feet b.m. was cut from about 75 acres of government land located in the NE $\frac{1}{4}$ of NW $\frac{1}{4}$ and SW $\frac{1}{4}$ of section 36, Township 2 South, Range 19 East, and in the NE $\frac{1}{4}$ of section 2, Township 3 South, Range 19 East., and the balance or 1,323,744 feet b.m. was cut from about 40 acres of Company lands located in the SW $\frac{1}{4}$ section 25 and the SE $\frac{1}{4}$ section 26, Township 2 South, Range 19 East.

At their camp 15 they employed an average of 180 men during the month. They operated 5 donkey engines hauling to 4 landings. They cut and shipped to their mill 4,926,502 feet b.m. of logs. They cut over about 120 acres of land. Of the above amounts 375,481 feet b.m. was cut from about 15 acres of government land in the Stanislaus National Forest located in the NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 22, and the balance or 4,551,021 was cut from about 105 acres of Company lands in the Yosemite National Park and located in the NW $\frac{1}{4}$ and S $\frac{1}{2}$ of Section 23, Township 2 South, Range 19 East.

From camps 14 and 15 they cut and shipped to their mill 8,406,676 feet b.m. of logs on 1,462 cars, an average of 5,750 feet b.m. per car. They cut over about 235 acres of land of which 105 acres are Company lands in the Yosemite National Park, 40 acres are Company lands in the Stanislaus National Forest, and 90 acres are government lands out under a sale contract.

To date from their camps 14 and 15 the Company has cut and shipped to their mill 34,479,751 feet b.m. of logs on 6,140 cars, an average of 5,616 feet b.m. per car. They have cut over about 909 acres of land as follows:

375 acres Company lands in Yosemite National Park,
268 acres Company lands in Stanislaus National Forest,
266 acres government lands in Stanislaus National Forest.

Three men were employed during the month on the work of cleaning up the old camp sites, railroad grades, and repairing trails, damaged during their logging operations south of the Merced River. The work consisted chiefly of dismantling of some of the old camp buildings and the repairing of trails damaged by their logging operations. Due to the dryness and danger from fires to surrounding timber the burning of the camps has been delayed until conditions are more suitable.

Timber cutting and Forestry Operations. During September H. S. Cacy and A. T. Van Slyke both cut wood on the floor of the valley under government contract. Mr. Cacy cut 259 tier and Mr. Van Slyke 102 tier of wood during the month. The Indian, Charley Dick, cut 16 cords for employees of the Yosemite National Park Company.

Contractor De Moss completed his contract for the cutting of sugar pine shakes making a total of 108,500 shakes from two large sugar pines near Chinquapin on the Wawona Road. 90,000 of these shakes are for the government and 18,500 for Cutleben Bros. for use on the new administration building.

At Tuolumne Meadows the government cut 16 lodgepole pines 6 to 12 inches in diameter for the construction of buildings at that point, and at Glacier Point 40 lodgepole pines from 5 to 8 inches in diameter for the construction of the lookout building constructed there. All of this work was done under the supervision of Forester Solinsky.

(d) Service to the Public.

Travel. During the month of September there was a total of 4717 visitors to the park compared with 10,713 for the same period last year. September 30th being the end of the travel season the total for 1924 was 105,894 compared with 130,046 for 1923, a loss of 24,152

The following is a summary of the various classes of travel for 1924 and 1923.

	: 1924	: 1923
Travel by private automobile.....	73,718	87,870
Travel by motorcycles.....	126	190
Travel by auto stages other than El Portal.: 3,898		4,908
Travel by wagon, foot, horse back, etc.,....	1,446	3,283
Travel by Yosemite Valley Railroad.....	20,157	26,607
Travel by Hetch Hetchy Railroad.....	6,549	7,188
Total travel into Yosemite.	: 105,894	: 130,046

The number of campers registered at Yosemite Valley for the year was 31,809 compared with 44,783 for last year, a loss of 12,974. Attached to the report is a sheet showing the comparative monthly and "to date" travel records for the month of September 1924 compared with September 1923.

Facilities. The Sentinel Hotel was the only hostelry in operation during the month, Camp Curry having closed on September 3rd.

The Yosemite Transportation System discontinued its Tioga trip on September 15th, its Hetch Hetchy trip on September 30th, as well as the side trip to Glacier Point on the Yosemite-Mawona trip. Tours are made daily on the floor of Yosemite Valley and to the Mariposa Big Tree Grove.

The hours of service in the general store and housekeeping camp department were also curtailed.

Lost and Found. Two articles were reported lost during September, two articles were found during the month, and two returned to owners.

Guns. 529 guns were sealed at the various checking stations and four taken up during the month for shipment to the owner by mail or express.

IV. WORK IN PROGRESS.

Taolung Canyon Trail. About 2 or 2½ 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 except for the interior painting and a very small amount of finishing work.

Water System. This work was started during the month and the intake is being put in first.

Re-wiring Transmission Lines. This job was finished during September.

V. PLANS AND PROPOSED WORK.

There are no new construction jobs to be started but those

COMPARATIVE MONTHLY & "TO DATE" TRAVEL REPORT

(To accompany Chief Ranger's monthly report)

Month of September, 1924

	1924 1923	1923 1922
FORWARD	101,177	119,333
Travel by private automobiles	3,588	6,925
" " motorcycles	6	25
" " auto stages, Y.N.P. Company other than from El Portal	42	61
" " auto stages, Y.S. & T. Company	200	322
" " wagon, foot, horse, etc.	123	1,852
" " Yosemite Valley Railroad	470	1,033
" " Hetch, Hetchy Railroad	288	695
Total for month	4,717	10,713
Total to date	105,894	130,046

which are in progress will be carried forward as fast as practicable.

VI. POLICIES.

No new policies were adopted during the month.

VII. COST OF OPERATION.

1924 Appropriation.

<u>Appropriation</u>	<u>Expended</u>	<u>Balance</u>
\$216,244.09	\$216,103.02	\$141.07
Expended in September,	<u>29.24</u>	<u>29.24</u>
	\$216,132.26	\$111.83

1924-25 Appropriation.

\$80,000.00	\$ 39,982.37	\$40,017.63
Expended in September,	<u>10,135.58</u>	<u>10,135.58</u>
	80,117.95	29,882.05

1925 Appropriation

\$222,820.00	\$ 66,127.79	\$156,692.21
Expended in September,	<u>26,207.62</u>	<u>26,207.62</u>
	\$ 92,335.41	\$130,484.59

The total expenditures and encumbrances in connection with the maintenance, repair, operation, and construction work during the month of September 1924, amounted to \$36,372.44.

VIII. OTHER MATTERS OF INTEREST.

Accidents and Casualties: Medical Service. During September Dr. Claude H. Church handled a total of 131 cases, answering 127 office calls and 4 house calls. There were no major or minor operations but 16 minor accidents were reported. There were two hospital cases, one being an employee and one a private case, for a total of nine hospital days.

Nature Guide Service. The museum attendance for the month of September numbered 776 and a number of accessions and exhibits were secured and added to the collection on hand.

During the month the Park Naturalist was absent for fifteen days. Five days were spent with Dr. C. C. Adams of the New York State College of Forestry in visiting the Big Trees, Glacier Point, Hetch Hetchy, Tuolumne Meadows and adjacent region. On September 14th the Park Naturalist accompanied Chief Naturalist Ansel F. Hall and Dr. H. C. Euppus to Los Angeles to definitely settle on plans for the new museum building. A stop was made enroute at Giant Forest where Judge Fry was met and the Sequoia Nature Guide Service studied. In Los Angeles a conference was held with Landscape Engineer Hull of the National Park Service, Consulting Architect Myron H. Hunt representing the Fine Arts Commission, and Mr. C. T. Gutleben of Gutleben Bros., General Contractors. Museum plans were discussed and finally accepted. On September 17th after a discussion of costs with Mr. Gutleben, a visit was made to the Los Angeles museum, a reconstruction of which has been designed by Mr. Hunt. Here Director Bryan of that museum was met and ideas were secured. On the return trip the museum plans were discussed with Dr. Joseph Orinell and Dr. Bade of Berkeley as well as with Dr. Everman of San Francisco, all of whom are Directors of the Yosemite Museum Association. It was also possible to confer with Dr. H. C. Bryant, Dr. Kroeber, and Dr. Fritz. The plans for the new building have been drawn up and will be ready for approval of the Washington office in a few days.

Upon the arrival of Chief Naturalist Ansel F. Hall in August accompanied by Mr. Herbert Maier, an Architect of Berkeley, construction was immediately started on a rough stone Look-Out Station at Glacier Point. This building is to house a fine pair of field glasses secured by Mr. Hall during his European trip and will serve during the summer months as headquarters for a nature guide who will be able to explain the geology and identify the trees, animals, birds, flowers, etc., to visitors of this region. The building is a most attractive and appropriate one and Mr. Maier is to be congratulated on the good work he has done. Enclosed is a picture of the building taken on September 23rd.

The monthly number of Nature Notes was issued as usual.

Forest Fires. There were two small forest fires in the park, one on September 28 in sections 34 and 35, Township 1 North, Range 20 East, which burned between 75 and 100 acres. The fire was controlled after eighteen hours of fire fighting with no loss except to some young growth. On September 30th a small fire started along the Tioga Road between Aspen Valley Station and Aspen Valley Lodge. This fire was discovered by the Rangers enroute to the fire on September 28th. This was in a thick, brushy country but was controlled without doing any damage. It was evident that both fires were started by cattlemen in rounding up their cattle as there were no other parties in these sections of the park at the time except these cow men.

Police Records. Due to the absence of the U. S. Commissioner, H. S. Ross, there were no cases before the Commissioner during the month.

Donald E. O'Neill was sentenced to serve a year in the county jail by Federal Judge Frank H. Kerrigan on September 30th upon his conviction on the charge of impersonating a federal officer. O'Neill claimed to be a federal road inspector and was arrested in Yosemite National Park by the rangers in July.

Death of Former Superintendent. On September 22 the word was received of the death of Colonel H. C. Hanson who had been actively associated with Yosemite National Park from 1890 to 1911, and who was for five years its Acting Superintendent. Colonel Hanson's great love for the park, his long service as its Superintendent, and his active efforts toward its preservation, protection, and betterment, will always remain a part of its history.

Motion Pictures. Lewis W. Lewis, 6209 Proxel Ave., Chicago, Illinois, was granted permission to take scenic motion pictures in Yosemite National Park on September 15th.

The Universal Picture Corporation of Universal City, California, were granted permission to take motion pictures in the park for a period of five days starting September 16th. They brought with them a company of sixteen people.

Post Office Building. Advice was received on September 26th that the post office department had accepted the proposition of J. E. McDonald, President of the Oakland Building and Mortgage Company for the construction of a new post office building in Yosemite

National Park and that approval of the Budget Officer for the construction had been also secured and steps were being taken to start construction immediately. It is proposed to have the building completed by January 1st, 1925 if possible.

Special Visitors.

On September 5, 6, and 7th Mr. Juan Gregorio Cirado of Buenos Aires, Argentina, visited Yosemite National Park and took the opportunity of visiting the Mariposa Grove of Big Trees and Glacier Point and spent one whole day on the floor of Yosemite Valley exploring its many interesting points.

Colonel Frederick A. Fenning, a prominent Washington attorney and personal friend of Mr. Acker in the Secretary's Office, arrived on the evening of August 31st and departed September 2nd. Colonel Fenning called at the office for a half hours chat and expressed himself as very much impressed with the park and its activities.

Miss Dorothy Elizabeth Smith arrived in Yosemite on September 8th and called at the Superintendent's office on the 14th after having visited Hetch Hetchy, Glacier Point, Wawona, and the Mariposa Big Trees. She left on September 18th.

Thomas C. Vint, Assistant Landscape Engineer, arrived September 19th to go over the plans for roads and walks at the new village site.

Director Stephen T. Mather arrived in Yosemite on September 3rd on a tour of inspection and left on September 5th.

E. C. Finney, First Assistant Secretary, was met by me at Merced in the official car and brought to Yosemite on September 10th by way of the Mariposa Grove of Big Trees and Glacier Point. He left on the 12th.

IX. RECEIPTS AND REMITTANCES.

There is attached hereto, in duplicate, a report of money collected, transmitted, and falling due for the month of September 1924, amounting to \$13,399.40. The amount transmitted with this report is \$6,309.68 made up as follows:

Certified Checks

No. or date	Payee	Drawer	Bank	Location	Amount
1890	The Director	Y. N. P. Co.	First National	San Francisco	1742.73
3678	The Director	Curry Camp Co.	Bank of Palo Alto,	Palo Alto	2953.81

Cashier's Check

10457	The Director	Farmers & Merchants National Bank,	Merced,	1000.00
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Postal Money Orders

73915	The Director	W. B. Lewis	Post Office	Yosemite & Wash	100.00
73916	do	do	do	do	100.00
73917	do	do	do	do	100.00
73918	do	do	do	do	100.00
73919	do	do	do	do	100.00
73920	do	do	do	do	100.00
73921	do	do	do	do	13.14

\$6309.68

Please acknowledge receipt of this amount.

Very truly yours,

W. B. Lewis,
Superintendent.

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

EPL:EEL