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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Zion NATIONAL PARK

FILE NO.

MONTHLY REPORT FOR NOVEMBER, 1934

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ARNO B. CAMMERER,
Director.

November 1934

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ZION AND BRYCE CANYON NATIONAL PARKS

UTAH

OFFICE OF THE SUPERINTENDENT

P. O. ADDRESS:
SPRINGDALE, UTAH

December 10, 1934

The Director
National Park Service
Washington D. C.

Dear Mr. Director:

The following is my report of conditions and operations in Zion and Bryce Canyon National Parks and Cedar Breaks National Monument during the month of November, 1934.

000 General

020 General Weather Conditions

Bryce. The first twenty days of the month were generally fair, and the last ten days unsettled with strong north winds and drifting snow. Snowfall for the month was seven inches, with four inches on the ground at the end of the month. The snow was light, which caused it to drift, but not sufficiently to block the entrance road or the roads in the vicinity of headquarters.

Zion. The month has been very pleasant, with only two or three days of wet weather. A few people continued to use the auto campground, there being at least one car every night except three. Days have been warm, getting cool only after the sun had passed behind the cliffs. Precipitation during the month wet the ground to a depth of eight inches. Rain fell on the 18th; snow on the 27th. The snow melted as fast as it fell.

Cedar Breaks. Cedar Mountain has received an eighteen-inch snowfall.

100 Administrative

110 Status of Work

On account of inclement weather, Public Works projects were closed down at Bryce. However, there remains only a small amount of work to complete our program, consisting of installation of protection railing at Bryce Point, construction of two cattleguards, for which the recommended transfer of funds has not yet been approved, and completion of the extension to the office building.

Public Works has continued at Zion, and the completion of the east entrance residence is practically all that remains to complete the Public Works program here.

Under favorable weather conditions, Emergency Conservation Work has progressed rapidly.

120 Park Inspections

121 By Superintendent. On the 2nd the superintendent, with Engineer Cowell and Architect Doerner, went over the location of the proposed Parunu-weap-Bridge Mountain Trail. On the 4th with Messrs. Parker, Cowell and Doerner, an inspection was made of the location of the proposed East Rim Truck Trail. On the 9th the superintendent departed for the Superintendent's Conference in Washington, stopping in Chicago en route from the 11th to 17th, arriving in Washington on the morning of the 18th, attending meeting from the 18th to 26th, and arriving back at headquarters on the 30th. Two hours after arriving it was necessary to leave again for Lehman Caves National Monument for conference with E.C.W. officials on their program for a stub camp at that place.

Assistant Superintendent Parker was acting superintendent during the superintendent's absence, and carried on routine inspections. Mr. Parker attended a meeting of Forest Service officials and E.C.W. Project Superintendents at St. George on the 10th.

The Chief Ranger visited Bryce three times during the month. He also made one trip to the west rim above Blue Springs as far south as Potato Hollow.

122 Special Field Representatives. George McCrea, Associate Architect from the Branch of Plans and Design who has been acting as inspector on building construction in Zion, completed his detail and left the park for San Francisco on the 20th.

125 Other Governmental Officers. District Engineer B.J. Finch and wife of the Bureau of Public Roads passed through Zion on their way to Santa Fe, New Mexico, to attend a highway conference.

On the 18th Forest Supervisors R. C. Parkinson and W. T. Nichols visited Zion. Other Forest Service officers visiting Zion included Regional Forester C. W. Pooler and Supervisors O. A. Arthur and J. A. Scott from Albuquerque, New Mexico; Supervisor C. A. Matteson from Fish Lake, L. E. Swanson from Salt Lake City, and Rex King from Safford, Arizona.

140 Labor Situation

Public Works employed an average of five men at Bryce until the 26th when all work was discontinued for the winter, and six men at Zion. An average of five men has been employed at Zion for maintenance. Camp D-NP-2 has an enrollment of 242 men and 11 supervisory; Camp NP-4 enrollment consists of 232 men and 12 supervisory. The Army personnel is additional and consists of a captain and lieutenant in each camp.

150 Equipment and Supplies

A portable gravel crusher plant ordered through the Washington office has been received.

170 Plans, Maps and Surveys

Engineering has been done by the park engineer, an instrumentman and one rodman paid by the Field Headquarters, assisted by the general foreman of one of the camps working as instrumentman. The rodman is assisting with office work. Two C.C.C. men are assigned to the office as clerk and draftsman and others are working as survey field assistants. There is a lot of work necessary to get the current projects ready for construction and the engineering force is so limited that little opportunity has been had to prepare Public Works project reports now due. Data is being assembled and we expect that some of them can soon be submitted. The many projects under construction require considerable time of the park engineer in directing engineering and in making general inspections of the work being done.

The project map of the East Rim Truck Trail was forwarded for approval. The location of the truck trail has been completed from the highway to the top of the east rim plateau a distance of 3.5 miles, with 3 miles of survey, alignment and profile completed. Sections for the first 9,700 feet, designated as Section A, have been traced and forwarded to Field Headquarters.

Studies of the Parunuweap Administrative Trail have continued between Parunuweap Canyon and the east entrance, with studies completed through the controlling notch between Bridge Mountain and the Watchman.

Other surveys included location of additional campground roads, survey of Pine Creek irrigation system, staking out of the campfire lecture circle, and curb extension at the Temple of Sinawava.

A plan was prepared for a one-room extension to the present office building for possible use in the event that funds for the construction of a new administration building are not forthcoming in the near future.

180 Publicity

One road and general information bulletin was issued, copy of which is attached. The material for revision of the 1935 Zion and Bryce circular was reviewed by the Superintendent in Miss Story's office and was made ready to send to the printer.

200 Maintenance, Improvements and New Construction

210 Maintenance

Routine work of keeping roads cleared of rocks and slides, patching breaks and cracks in the pavement, and cleaning gutters has been carried on continuously. The West Rim and Narrows Trails have been placed in condition for the winter. Reconditioning of the mechanic's residence has been completed and some painting work done on the chief clerk's residence. With the exhaustion of our maintenance building allotment, a supplemental E.C.W. program was submitted and approved for continuing building reconditioning by C.C.C. labor. The ranger force made necessary repairs to the telephone line. One general maintenance man was continuously employed on sanitation, distribution of fuel, etc.

At Bryce the ranger stacked all the auto camp tables, stored away the garbage cans and gave the auto camp a cleaning up in preparation for the winter, and performed other necessary policing work.

230 New Construction

Public Works

Zion

FP-17A, Employees Residence. Contract completed and residence now occupied.

FP-18A, Comfort Station. Contract completed and station open to public.

FP-21, East Entrance Checking Station. Completed with the exception of plastering, case work installation and painting. All material on hand.

FP-22, Employees Residence, East Entrance. Stone work, carpentry, rough plumbing, and electrical work completed, with plastering 85% complete, and exterior frames and sash in place. Inside trim and finish floor and setting of cases remains to be done, plumbing fixtures to be set, and exterior painting to be finished. All materials on hand to complete.

FP-24, Electric System. Complete except purchase and setting of glassware.

Bryce

FP-9, Addition to Administration Building. Log exterior and roof in place, finishing enclosure which will about complete the work for the winter.

Emergency Conservation Work

Camp D-NP-2

A1-13b, Minor Road Construction. Fifteen hundred lineal feet of 14-foot campground road has been graded.

A2-13a, Truck Trail. No work done other than labor of engineer's assistants.

A1-26a, Sewer Mains. Three hundred and seventy-five cubic yards of excavation done and trenches backfilled; 235 lineal feet of corrugated iron arches of sewage disposal areas.

A1-27, Campfire Lecture Grounds. No work done other than engineering to locate project.

A1-28, Campground Fireplaces. Two hundred and seventy-five blocks of stone cut for fireplaces.

A6-31a, Storage Reservoir. The reservoir is completed and in service. Work is now being done on bringing two small springs in near upper supply. The residence occupied by Ranger Schiefer has been connected to water system and old settler's supply tank salvaged, including 450 feet of 3/4" and 3,000 feet of 1" pipe. This tank and some of the pipe will be used to install irrigation system for Oak Creek Residence area, utilizing surplus water from overflow of reservoir. One hundred and eighty cubic yards of backfill was placed around tank and overdrain; 35 cubic yards of concrete placed in tank and valve boxes; 70 feet of tile overflow drain laid, and cleanup made. Twenty-seven square yards of stone wall was laid, 80 feet of trench excavated and 14 cubic yards of backfill placed at small spring.

A2-52a, Cribbing. Three hundred and seventy cubic yards of excavation; 400 cubic yards of backfill placed; 75 cubic yards of gravel hauled and placed in backfill; 950 lineal feet of service road constructed for delivering materials to project site, including two small temporary bridges; 1,125 cubic yards of rock quarried, hauled and placed in 80 lineal feet of standard dams and 100 lineal feet of toe dams and in stock piles on site; 210 cubic yards of stone in light walls; three hundred cubic yards of cribbing rock was taken from loose cliff on Mt. Carmel Highway just below Pine Creek Bridge.

A11-53b, Landscaping. Fine grading done around the two new employees residences, 15 cubic yards of gravel hauled for road surfacing, 20 cubic yards of top soil placed. Three hundred dead cottonwood trees and fruit trees were removed and 150 cut into firewood. Two hundred lineal feet of 9" curb and 200 lineal feet of 4" curb quarried for Oak Creek residential road.

Camp NP-4

A detachment of 23 C.C.C. men did some work in Bryce in the month of November. This work was bracing buildings to prevent breakage from heavy snows, and scarifying and seeding old roads with slender wheat grass seeds. The 23 men were moved to Bridge Mountain Camp NP-4 on November 12th.

B4-53(b), Road Sloping. Work was carried on during the month with an average of 60 men and three trucks, and an estimated amount of 850 cubic yards of material was moved.

B6-14(a), Parunuweap Administrative Trail. A force with an average of 40 men and one trail compressor was engaged in the construction of the Parunuweap Trail, and at this date about 7% of the trail is complete. This is a horse trail with a width of 66 inches, and instead of ditching along outer edges, a slight depression is left in the center of the trail to take care of the water runoff. The usual 45 degree dips are being used.

B8-28, Utility Buildings. Considerable changing was necessary before actual construction work could be started. The machine shop was moved to the old equipment shed and the stock from the warehouse was moved to the old machine shop. The old checking station was moved from the Wylie Camp to near the temporary warehouse for an office. The old warehouse is being torn down and material salvaged is being moved to the Oak Creek area. Work has started on the new warehouse in this area. Quarrying for the new buildings, curbing and catchment basins is being carried on.

B3-31, Pine Creek Irrigation System. Three thousand feet of ditch has been completed and a small force is being engaged in testing for a foundation for a diversion dam on Pine Creek.

The strength of this company is now 232 enrolled members, with an exceptionally good, healthy-looking and good-natured bunch of boys. A great deal of interest is being shown in educational work and camp entertainment, and as a whole the boys are doing good work in the field.

240 Improvement of Approaches to the Park

The Panguitch-Hatch oil surfacing project on U.S.89 has been completed. Contract work has been suspended for the winter on reconstruction of the road from the head of Red Canyon to the Tropic Junction.

On the Zion-LaVerkin section, the contractor has laid the first course of oil gravel from the Zion Park south boundary to Dalton Wash, and has begun laying the top course.

300 Activities of Other Agencies in the Park

310 Public Service Contractors

The Zion cabin camp in its first full month of operation has done very well. Its revenue of approximately \$1,300 somewhat exceeds operating expenses. The moving of eight standard lodge cabins to the cabin camp has been completed and the remodelling into housekeeping rooms is nearly finished. The construction of the gasoline station has been started.

313 Schedule of Rates

The application of the Utah Parks Company for its 1935 schedules of rates was forwarded to the Washington office for approval.

Special plate meals are offered at the cafeteria for rates of 65¢ for each breakfast and luncheon, and 85¢ for supper. The rates of 50¢ and 65¢ respectively are offered to park employees, who are also given the benefit of a 20% reduction on a la carte service.

330 Cooperating Nongovernmental Agencies

Arrangements are being made with the Utah State Agricultural College for the taking of periodic snow records on Cedar Mountain. This work will be handled by park personnel during the winter trips to Cedar Breaks.

400 Flora, Fauna, and Natural Phenomena

410 Ranger-Naturalist and Guide Service

Naturalist work for the month of November consisted principally of catching up the loose ends of various jobs that could not be finished during the busy summer, and starting various other jobs that will be carried on through the winter. Most of the work as shown in the following paragraphs has been devoted to studies of birds and animals.

On the 16th the park naturalist spoke to 400 students at Dixie College, St. George, Utah, on National Parks, and also conferred with members of the faculty on various subjects hereinafter mentioned.

Guide and lecture service has been discontinued for the winter owing to lack of sufficient visitors, only a few special visitors being contacted as they happened to arrive.

420 Museum Service

Zion. Work on cataloging the library has been continued at odd times throughout the month and it is now about half complete. Work was started on the painting of the new relief model supplied by the Berkeley office, but careful examination of the map showed that before painting could commence it would be necessary to remodel many portions of the map. This was probably due to no fault of the workers in Berkeley since they interpreted the Zion contour lines in the light of their own conception of what hills should look like. Having never seen Zion, they could not comprehend the step-like formations of many of the cliffs (in spite of many photographs sent) and hence made them appear as uniform slopes. Carving these formations into their actual form will be easy, but will require considerable time. Only a beginning has been made on this work.

Three days of the month were spent in collecting an unusual species of meadow mouse in the northwest corner of the park. With the specimens secured, we now have a sufficient series for identification of this apparently unnamed subspecies, which we expect to have done during this winter.

The possibility of financial and other assistance in building a history exhibit room for a future Zion museum seems reasonably well assured. Very high officials of the L.D.S. Church have unofficially expressed the thought that from \$6,000 to \$10,000 would be made available whenever definite plans could be submitted to them from the Berkeley office. These plans have been requested.

460 Birds

A long needed aid to ornithological research in Zion was started on November 7 when a bird banding station was set up in Zion Canyon. Four traps formed the initial equipment, which had been increased to eight by the end of the month. One hundred forty individuals, of seven species, had been banded by the end of November. Most of the birds are Shufeldt Junco and Gambel Sparrows that are wintering or migrating for the winter. Some interesting facts concerning movements of these birds are already being learned. It is hoped to continue this work next summer at Cedar Breaks and Bryce, where we may possibly pick up individuals that were banded in Zion during the winter. A large share of the actual work is being done by Henry Grantham, the same C.C.C. boy who served so well as museum attendant at Bryce last summer.

Several notes on bird observations in Zion have been submitted to The Condor for possible publication.

470 Animals

The park naturalist has spent the major portion of the month on animal investigations with Naturalist Assistant Keller. Range study quadrats, both fenced and unfenced, were located in Potato Hollow, on Cable Mountain, in the Parunuweap Canyon, and in Zion Canyon. Two of these, the east and west rims, were fenced early in the month before bad weather closed the roads. The others will be fenced during the winter so that plotting of forage plants can be done next spring. Approved practices and methods outlined by Sampson in his "Range Management" are being used throughout. These five quadrats, with one or two more that will be located in the Petrified Forest area, will give us opportunity to study all types of deer forage, and several of them will incidentally throw light on advantages of eliminating livestock.

During the latter part of the month the park naturalist and Mr. Keller explored, unobserved, the mountain sheep country, covering rather carefully

the entire area between Parunuweap and Zion Canyons. Results will be detailed in Keller's report submitted to the Wildlife Division, but can be briefly summarized here as follows:

14 man days spent in the field.

Limits of present grazing range well established by tracks.

Probable lambing and summer range located.

Excellent campsite for lambing observations located.

Five individuals seen (2 ewes, 2 lambs, and one fine large ram, all in very good flesh).

Abundant forage everywhere on their range.

Indications that their winter feed includes manzanita leaves and twig tips and leaves of serviceberry and chaparral.

And most important of all, their observations led us to believe that construction of the new Parunuweap Trail into the sheep territory will not disturb the sheep. In spite of numerous surveying parties and Wildlife exploring trips, the sheep that were seen showed no fear, and in fact acted almost tame.

Further studies of this interesting subject will be made throughout the year.

The park naturalist, Mr. Keller, and the chief ranger made a survey of wildlife during the month. It is plainly noticeable that there are many times more animals in Zion this summer and fall (especially since the game hunting season) than ever before. This increase is no doubt due to drought and over-grazing around the park.

Two deer were found dead from natural causes. They were dissected and analyzed by Keller and later sent to Berkeley for final analysis. Two crippled ones were shot. They had been shot, probably during the hunting season, and had wandered into the park for protection. Neither one could have lived long. Two others were found dead, one near the auto camp in Zion Canyon and one at the south boundary of the park. Most likely they had been killed by automobiles; they had been dead several days. A total of seven deer, all does, were killed or died during the month.

A small amount of damage by porcupines is being done on both rims. Squirrels have been seen all month.

Ranger Cope reports the following observations at Bryce:

"The Rocky Mountain pine grosbeak so common last month and part of this month, have drifted into the canyons. I saw a great many at the mouths of Bryce Canyon and Campbell Canyon, where the water is warm and plentiful. During the last ten days of the month it was impossible to keep water from freezing in the watering places provided for them at headquarters, and that is perhaps one reason for their leaving. There are still some nuthatches close about, and a number of other birds in the canyons.

"I saw some coyote tracks out toward Bryce Point. There is a fine bunch of deer stationed under Boat Mountain. They stay on the warm south slope where the grass is very good. The only grass left on the rim is near the station. A few days ago, between the station and the warehouse, I saw the largest buck that I have ever seen."

500 Use of Park Facilities by the Public

510 Increase in Travel

Travel to Zion continued to increase over the preceding year, although at a lower rate than in October. The 6,313 visitors registered for the year is an increase of about 29% over the previous year. The travel has been very well distributed from points throughout the United States, as evidenced by the fact that visitors have represented every state except Georgia.

540 Public Camps

The new south entrance public campground has been open and will be kept in operation throughout the winter. It was used by 81 campers during the month. They commented very favorably on the arrangement and facilities of this new campground.

600 Protection

610 Police Protection

Checking was discontinued at the east entrance on the 15th and Ranger Russell Mahan relieved from duty on that date. Rangers Russell and Schiefer continued checking at the south entrance. Russell was away on leave of absence for six days, during which time the station was kept open nine hours daily. Six hundred forty-five dollars was collected from the sale of auto permits during the month - an average of \$21.50 per day.

The checking station at Bryce was not opened at all during the month. However, a few people visited the park, staying at Ruby's Inn.

620 Fire Protection

Several ladders were purchased for fire protection of the Zion buildings. Five fire hose boxes were put up in the Oak Creek residential area and one ladder rack was installed at the headquarters residential area. Two fires were left burning by C.C.C. workmen after they quit work for the night. On each occasion the foreman in charge of the job was ordered out to extinguish the fire. All foremen understand that fires should be extinguished before the men leave. Brush burning has been very carefully done.

900 Miscellaneous

All cattle grazed in Zion during the season have been removed, with the exception of a few owned by Henry Cornelius which are grazing in the southwest corner.

Very truly yours,

P. P. Patraw
Superintendent

Travel report by states for the season to date October 30, 1934. (Zion).

States	ars	Pass.	Misc.	Stage	T Pas	Cars	T Pass. 1933.
Arizona	133	382	0	0	382	54	138
Arkansas	1	3	0	0	3	0	0
California	919	2379	0	1	2380	626	1633
Colorado	49	131	0	2	133	34	95
Connecticut	3	9	0	0	9	5	13
District of Columbia	10	29	0	0	29	3	6
Florida	8	22	0	0	22	0	0
Georgia	0	0	0	0	0	1	3
Idaho	54	190	0	0	190	28	79
Illinois	29	71	0	0	71	20	55
Indiana	10	40	0	0	40	5	14
Iowa	20	65	0	0	65	7	13
Kansas	4	9	0	0	9	2	3
Kentucky	1	3	0	0	3	1	1
Louisiana	1	4	0	0	4	1	2
Maine	2	5	0	0	5	0	0
Maryland	1	2	0	0	2	4	10
Massachusetts	13	29	0	0	29	3	5
Michigan	10	24	0	0	24	14	40
Minnesota	9	21	0	0	21	4	8
Mississippi	2	3	0	0	3	1	2
Missouri	12	28	0	1	29	3	7
Montana	34	89	0	0	89	16	43
Nebraska	17	55	0	0	55	4	16
Nevada	44	128	0	0	128	34	99
New Hampshire	2	4	0	0	4	0	0
New Jersey	5	12	0	1	13	8	21
New Mexico	14	34	0	0	34	6	18
New York	26	70	0	0	70	17	47
North Carolina	2	9	0	1	10	0	0
North Dakota	6	18	0	0	18	1	6
Ohio	11	28	0	0	28	10	29
Oklahoma	5	21	0	0	21	5	13
Oregon	23	59	0	0	59	9	24
Pennsylvania	14	35	0	0	35	9	23
Rhode Island	3	10	0	0	10	1	2
South Dakota	7	18	0	0	18	3	9
Texas	8	16	0	0	16	11	35
Utah	637	2008	0	4	2012	628	2244
Vermont	1	3	0	0	3	1	2
Virginia	1	2	0	1	3	0	0
Washington	36	91	0	0	91	14	36
West Virginia	1	2	0	0	2	0	0
Wisconsin	6	15	0	0	15	7	16
Wyoming	14	41	0	0	41	18	58
Alaska	1	2	0	0	2	0	0
Australia	1	4	0	0	4	0	0
Brazil	0	0	0	0	0	1	2
Canada	13	33	0	0	33	6	16
Canal Zone	1	2	0	0	2	2	5
China	2	9	0	0	9	0	0
Cuba	1	2	0	0	2	0	0
England	1	2	0	0	2	0	0
Germany	0	0	0	0	0	1	1
Hawaii	6	15	0	0	15	1	2
Mexico	2	7	0	0	7	2	6
Norway	1	2	0	0	2	0	0
Palestine	1	4	0	0	4	0	0
Scotland	1	3	0	0	3	0	0
	2229	6302	0	11	6313	1631	4900

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF NATIONAL PARKS,
BUILDINGS, AND RESERVATIONS

TRAVEL REPORT

ZION

National Park for the month of NOVEMBER 1934.

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

PRIVATE TRANSPORTATION:

Cars first entry,	652	1975	545	1453	542	37.82 Inc
Cars reentry,	133	252	32	195	57	29.17 Inc
Motorcycles,	0	2	2	3	1	50. Dec
Total motor vehicles,	765	2229	579	1631	598	36.66 Inc

Persons entering via motor vehicles,	²²⁷⁹ 2279	6298	1924	4883	1415	28.97 Inc
Persons entering via other private transportation,	0	4	3	4	0	
Total persons entering via private transportation,	²²⁷⁹ 2279	6302	1927	4887	1415	28.97 Inc

OTHER TRANSPORTATION:

Persons entering via stages,	0	0	0	1	1	100. Dec
Persons entering via trains,						
Persons entering otherwise,	1	11	5	12	1	8.33 Dec
Total other transportation,	1	11	5	13	2	15.38 Dec
GRAND TOTAL ALL VISITORS,	2290	6313	1932	4900	1413	28.63 Inc

Local travel- Cars, 43, People	159	This Year	Last Year	Increase	
				Number	Percent
Local travel-Season, 68 People	274				
Automobiles in public camps during month,		35	9	26	288.88 Inc
Campers in public camps during month,		81	19	62	326.31 Inc

WEATHER REPORT
ZION NATIONAL PARK
NOVEMBER, 1934

TEMPERATURES

Mean maximum	65.40
Mean minimum	42.53
Mean	53.96
Maximum	85 on 6th
Minimum	27 on 29th

PRECIPITATION

Total	1.54 in.
Greatest in 24 hours	0.55 in. on 18th

SNOW

Snow on 27th melted as fast as it fell

NUMBER OF DAYS

With .01" or more precipitation	4
Clear	20
Partly cloudy	5
Cloudy	5

DATES OF

Killing frost	20th
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ALLEN T. STRUNK
Observer

WEATHER REPORT
BRYCE CANYON NATIONAL PARK
NOVEMBER, 1934

TEMPERATURES

Mean maximum 39.3
Mean minimum 19.2
Mean 29.3
Maximum 52 on 1,2,14
Minimum 3 on 26

PRECIPITATION

Total 0.96 in.
Greatest in 24 hours 0.70 in.

SNOW

Total snowfall for month 7 in.
Depth of snow at end of month 4 in.

NUMBER OF DAYS

Clear 20
Partly cloudy 4
Cloudy 6

MAURICE COPE
Observer

10-159
 (May, 1931)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Zion-Bryce National Park for the Month of November, 1934

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	36	15	12	164
Number of additions.....	00	14	1	34
Total.....	36	29	13	198
Number of separations.....	2	24	00	63
Number of employees close of month	34	5	13	135
Number of promotions during month.....	00		00	
Aggregate amount of annual leave taken	16		00	
Aggregate amount of sick leave taken	00		00	
Aggregate amount of leave without pay	00		00	

No separations account retirement or reduced appropriations.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Zion National Park for the Month of November, 1934

	This Year	Last Year
Park revenue on hand beginning of month,	698.00	254.00
Received,	548.00	356.00
Total,	1,246.00	610.00
Remitted,	1,246.00	560.00
On hand close of month,	--	50.00
Park revenues received this year to date,		12,291.00
Park revenues received last year to date,		8,958.70
Increase,		3,332.30
Per cent of increase,		37.2

10-161
(Sept. 1933)

DEPARTMENT OF THE INTERIOR
OFFICE OF NATIONAL PARKS.
BUILDINGS AND RESERVATIONS

REPORT OF SALES OF PUBLICATIONS

	Number	Value
<u>GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month,	NONE	
Received during month,		
Total,		
Sold during month,		
On hand at close of month,		
<u>NON-GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month,		
Received during month,		
Total,		
Sold during month,		
On hand at close of month,		
Cash on hand beginning of month,		10.00
Sales during month,		00 00
Total,		10.00
Remitted during month,		00 00
Balance,		10.00

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Zion National Park for the Month of November, 1934

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
FP-16A Employees qtrs, hdqts	100		40	
FP-17A Employees qtrs, hdqts	100	25	27	
FP-18A Comfort sta, south ent	100		57	
FP-19 Campground development	100			
FP-20 Sewer-water system	100			
FP-21 Checking sta, east ent	100			
FP-22 Employees qtrs, east ent	89-93	14	33	Jan 31 1935
FP-23 Water system, east ent	100			
FP-24 Elec sys, south ent	100		35	
FP-169 Stream protection	100			
FP-170 Campground svce roads	100		1	
FP-171 West Rim Trail	100			
FP-172 Refrigerator Canyon Tr	100			
FP-173 Valley trails	100			
FP-174 Parking area	100			
FP-175 Footpaths, hdqts	100			
FP-176 Equipment	96-100			Dec 31, 1934

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Bryce Canyon National Park for the Month of November, 1934

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
FP-8 Cabins, Employees	100			
FP-9 Ext to office building	87-94	23	51	June 30 1935
FP-10 Water sys ext to bldgs	100		97	
FP-11 Comfort station	100		52	
FP-12 Water sys ext to camp	100		100	
FP-13 Sewer system ext	100		22	
FP-14 Equipment shed	100			
FP-15 Boundary fence	100			
FP-156 Post const of roads	100			
FP-157 Hdqts service roads	100		10	
FP-158 Rim Trail const	100		59	
FP-159 Rim footpaths	100			
FP-160 Equipment	100	26		
FP-161 Lodge road widening	100			
FP-162 Footpath, lodge to rim	100			
FP-163 Lodge-Bryce Camp path	100			
FP-164 Footpaths, hdqts	100		16	
FP-165 Footpath, PA to rim	100			
FP-166 Prot railing, Bryce Pt	90	53		
FP-235 Footpaths, asphalt sfg	100		2	
FP-331 Telephone system	100		36	