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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Zion NATIONAL PARK

FILE NO.

Monthly Report for September, 1934

IMPORTANT

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ARNO B. CAMMERER,
Director.

September 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

October 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 September, 1934.

000 General

010 Introductory

There were several important events transpiring during the month of September. First in importance comes the close of the 1934 travel year on September 30 in which all previous records were broken. The 51,188 visitors to Bryce Canyon National Park and the 68,801 to Zion National Park established new annual records, and the July registration of visitors established new monthly records in each park.

Another unique and important occurrence was the first day issue of the Zion 8¢ stamp of the new National Park Service series. First day cancellations totalled 51,021 stamps. We believe the National Park series of stamps will be of tremendous publicity value to the parks.

Bryce and Zion were favored with a visit from Mrs. Harold L. Ickes, wife of the Secretary of the Interior, September 3 to 5.

The year closed September 30 was one of unusual activity, not only from the standpoint of tremendous increases in travel, but of construction and improvement as well. It was also characterized by severe drought conditions; for instance, the total precipitation registered at the Zion cooperative station amounted to only 9.64 inches, as against a normal of 14.68, a subnormal departure of approximately forty per cent. Range and wildlife conditions were affected proportionately.

020 General Weather Conditions

Zion. This month has no doubt been the driest September for years. The grass and shrubbery are very dry, leaves have fallen from some of the trees and have dried up on others, due to drought. Roads are dusty

where not hard surfaced. There is no green grass except in a few shady canyons. High winds during several days of the month made camping disagreeable.

Bryce. The month was extremely dry, with only 0.17 inch of rainfall registered. However, range conditions are fair on account of the excellent rainfall received during the previous month. The freezing point was reached on the night of September 8 for the first time since May 14, and there were killing frosts from the 25th to 28th. The mean of 52.3 was about normal or slightly above.

100 Administrative

120 Park Inspections

121 By Superintendent. On the first I went to Bryce to make final inspection of Project LABLD, Oil Surfacing, Bryce Rim Road, and visited Cedar Breaks on my return trip. On the 6th I met Accountants Tillett and Edwards at Cedar City and escorted them to Zion. I went to Bryce on the 10th, accompanied by the accountants, and to Cedar Breaks and Cedar City on the 11th. On the 16th, accompanied by Reid Gardner of Cedar City, I drove to Blue Springs and Potato Hollow by auto, and hiked over Horse Pasture Plateau and down the West Rim Trail. On the 20th I went to Salt Lake City and to Ogden on the 21st where I was joined by Chief Engineer Kittredge and a conference was had with Forest Service and Bureau of Public Roads officials concerning Cedar-Long Valley highway improvement. Mr. Kittredge and I returned to Salt Lake City late that night and after a conference with Governor Blood and state highway officials, we drove to Zion on the 22nd, visiting Timpanogos Cave National Monument en route. On the 25th I went to Bryce to make final inspection of project 1B2, Grading and Base Surfacing, Bryce Rim Road, returning to Zion via Cedar Breaks on the following day.

123 By National Park Service Officers. Resident Architect Langley was at Bryce and Zion from the 3rd to the 8th.

Accountants Tillett and Edwards were at Zion from the 6th to 9th, at Bryce on the 10th, to Cedar Breaks and out on the 11th.

Wildlife Technician A. E. Borrell, E.C.W., was at Zion on the 7th to 9th, and at Bryce and Cedar Breaks 10th to 13th.

Chief Engineer Frank A. Kittredge's visit is mentioned above under paragraph 121. Arriving at Zion on the night of the 22nd, he stayed in this park until the afternoon of the 24th, when Assistant Superintendent Parker drove him to the North Rim of Grand Canyon, to Bryce on the 25th, and to Cedar Breaks and out on the 26th.

124 By Other Interior Department Officers. Mrs. Harold L. Ickes, accompanied by Doctor Sexton, Special Medical Advisor to the Secretary of the Interior, arrived at Bryce by private auto on the 3rd, came to Zion on the 4th, and departed on the 5th.

125 By Other Governmental Officers. Postoffice employees arrived on the 13th and 14th to prepare for the first day issue of the Zion 8¢ stamp. The party consisted of Mr. Raymond Miller, Chief of Stamp Issue Section, Stamp Division, Postoffice Department, Mr. C. E. Anderson, Mechanician, and six postal clerks from the Salt Lake office. Following the first day issue on the 18th, Mr. Anderson left on the 19th for Mesa Verde to take charge of the first day issue of the Mesa Verde stamp; Mr. Miller left on the 20th, and the last of the postal clerks on the 22nd.

150 Equipment and Supplies

A new express body $1\frac{1}{2}$ -ton Ford truck was purchased for general maintenance work, there being traded in on purchase price the old Chevrolet maintenance truck and the Buick sedan. Gross purchase price was \$793, less a tradein allowance of \$366.

170 Plans, Maps and Surveys

Bryce. Engineering work was in charge of Assistant Engineer R. A. Boles, detailed from the San Francisco office and assisted by two survey crews. The following surveys were worked on: Public campground road, E.C.W. project, completed; Boat Mountain Road, E.C.W. project, location survey partially completed; location of telephone line to Rainbow Point, P.W. project, completed. The following plans were acted on: Trail Entrance Road to Cabin Area, P.W. project, approved; Campground Development, E.C.W. project, approved; Parking Area Curbing (Bryce Camp) Campground Development, E.C.W. project, approved; Boat Mountain Road, E.C.W. project, forwarded to Washington for approval; Protection Railing, Bryce Point, P.W. project, forwarded to Washington for approval; two parking areas, Bryce Rim Road, E.C.W. project, forwarded to Field Headquarters.

Cedar Breaks. Topographic survey begun. Triangulation points established along rim. Section corners tied into base line for establishing boundary lines. One-half mile boundary fence location.

Zion. Parunuweap Administrative Trail, E.C.W. project, located from south entrance area to top of talus slope, and reconnaissance made between river and east entrance. Truck trail, east rim, E.C.W. project, survey begun and in progress from east checking station up Clear Creek to plateau. Sewer and water lines, south entrance campground, E.C.W. project, line and grade staked for construction. The following plans were acted on: Completion of parking area improvement, Temple of Sinawava, E.C.W. project, forwarded for approval; extension south entrance campground development, E.C.W. project, transmitted for approval; Campfire

Lecture ground, South Entrance Campground, E.C.W. project, approved; administrative trail, Parunuweap Canyon, E.C.W. project, approved; lodge parking area landscaping, E.C.W. project, approved; south entrance pillar, E.C.W. project, sketch reviewed and returned to Field Headquarters for revision; boundary fence, E.C.W. project, approved.

180 Circulars and Advertising

One travel bulletin was issued during the month, copy attached. One newspaper bulletin relating to travel during the month of August and one item relating to annual travel were issued, copies attached. Of course, under this heading mention should also be made of the issuance of the Zion 8¢ postage stamp.

200 Maintenance, Improvements and New Construction

210 Maintenance

Zion. Only a small amount of work has been necessary, consisting of cleaning road gutters and patrolling roads and trails to remove rocks and effect minor repairs. It was necessary to retain one extra mechanic in the machine shop to keep up with repairs to motor equipment. Two men were employed continuously on campground maintenance, sanitation, and garbage disposal, road patrol and miscellaneous roustabouts. It was necessary to drain the storage tank supplying water to the campground and scrub the walls to remove algal growth.

Bryce. Interior woodwork was varnished in the messhall, dormitory, and two employees cabins, and the interior finish reconditioned. A new garbage pit was completed and the one formerly in use filled over. One campground maintainer was employed continuously.

230 New Construction

Major Projects

Bryce. 1B2, Grading and Base Surfacing, Bryce Rim Road, Natural Bridge to Rainbow Point. The project was entirely completed by the contractor on September 21. A very beautiful job of highway construction was obtained.

Minor Projects

Zion. FP-16A, Employees 5-room Residence. This building, under contract, is 60% complete, with plaster and trim being placed. FP-17, Employees 4-room residence. This building was 48% complete at the end of the month, with plastering in progress. FP-18, Comfort Station. This building,

under contract, is 43% complete. All stone enclosures have been completed and plumbing roughed in. FP-22, Employees Residence, East Entrance. All stone work is complete and lumber and other materials to complete the project are being delivered. FP-24, Electric System. All materials are on hand and excavations complete ready for installation.

Bryce. FP-9, Addition to Administration Building. All materials have been delivered at the site. Bids were solicited for performance of labor and incidentals, but none received. The construction will be begun immediately by force account. FP-11, Comfort Station. All materials for the building have been delivered at the site and the contract has been awarded for labor and incidentals, and construction work is in progress. FP-12, Water System Extension to Campground. Materials have been purchased and construction will be started as soon as delivered. FP-13, Sewage Disposal System Extension. Materials have been purchased and delivered, and trenching for installation of the line started. FP-14, Equipment Shed. Laying of a concrete floor was finished, and the approach graded. This project is now complete. FP-156, Post Construction of Roads. Some concrete steps and the extension of 50 feet of walk, changes in which were necessary account of road construction, were installed, completing expenditure of funds in this account. FP-164, Footpaths, Headquarters. A path four feet wide and 753 feet long has been constructed from the residential area to Bryce Canyon Lodge, completing this project. FP-331, Telephone Line to Rainbow Point. This line has been completed to Rainbow Point, and there remains only minor improvement in the line from headquarters to CCC camp to complete this project.

Emergency Conservation Work

Zion. Camp D-NP-2 has had an average of 180 men released for work, and excellent progress has been maintained. The principal project in progress is that of river protection. A fair sized crew has also been kept engaged on roadside cleanup removing Russian thistle and other noxious weeds in order to remove and burn before they go to seed. With the approval of the fourth enrollment period program work was begun at the end of the month on removing forms from the first compartment of the Oak Creek water storage reservoir and beginning of forming for the second compartment.

Bryce. Camp NP-3 has had an average of 187 enrolled men released for field work. The projects on which work was performed are as follows: Roadside cleanup, 3.9 miles completed this month; Under-Rim Fire Trail, 6.6 miles completed this month; Fairyland Trail, .5 mile completed, which finishes this project with the exception of minor cleanup and some finish grading; campground development project started and 10% of the entrance road construction has been accomplished.

Cedar Breaks. Roadside cleanup, 1/2 mile completed this month. Rim footpath reconstruction from rim at Cedar Breaks Lodge to Point Perfection completed. Campground development, 20% of the total project performed this month, project 80% complete. Entrance arch, with the erection of a sign, this project is now complete. Boundary fencing, posts for the fence have been set for 1 1/2 miles.

Construction of the winter camp which will be occupied by the Bryce camp as NP-4 at Zion has been started under Army supervision. At the close of the month it was about 60% complete. The location chosen is on the opposite side of the Virgin River from camp NP-2.

240 Improvement of Approach Roads

The contractor for oil surfacing of the approach highway from La-Verkin Junction to Zion Park moved on to the job early in the month and has made rapid progress. Considerable amount of widening and grade rectification, as well as additional base gravel, are involved in the contract. I am informed that only three months time has been allowed for performance of the job.

Oil operations are in progress on the two sections of US-89 between Mt. Carmel Junction and Glendale and between Hatch and Panguitch.

Contract has been awarded for reconstruction of the road from the top of Red Canyon to the Tropic Junction.

300 Activities of Other Agencies in the Park

310 Public Service Contractors

Cedar Breaks Lodge closed on the morning of September 15 and Bryce Canyon Lodge and Camp on the 30th. Due to falling off of business, the closing of Bryce Lodge dining room was authorized on the 25th, all meals thereafter being served at the cafeteria. On account of lack of patronage, saddle horses were taken out on the 28th.

Excellent progress has been maintained on the construction of the cabin camp at Zion, all buildings being completed with the exception of some interior finishing. The camp will be ready to open on or before the closing of Zion Lodge.

Mr. W. S. Basinger, Passenger Traffic Manager, accompanied by Randall L. Jones, made an inspection of Zion, North Rim and Bryce from the 4th to 6th.

314 Complaints

Verbal complaint was received from Mrs. N. D. Applewhite of Pasadena against charges for work on her car at the Utah Parks Bryce garage.

320 Cooperating Governmental Agencies

Numerous rumors came to our attention of the death of birds from poison grain distributed by Biological Survey parties in the region surrounding Bryce Canyon Park. Special investigations were made and all facts reported to R. Scott Zimmerman, Leader, Rodent Control, Biological Survey, Salt Lake City.

400 Flora, Fauna, and Natural Phenomena

410 Ranger-Naturalist and Guide Service

From the standpoint of both quantity and quality of naturalist service, we believe this month marks the completion of the most successful season in Zion-Bryce history to date. This month's educational contacts in Zion exceeded September of last year by 68.8 per cent (7,835 as against 4,641), bringing the total contacts for 1934 to the high record of 45,827 or 44.2 per cent above 1933. Contacts in Bryce during September showed an even greater increase (125.7%) due to continuance of naturalist program 25 days longer than last year. The total season's contacts did not, however, show so great an increase (only 26.2%). This was due to insufficient personnel to handle the greatly increased travel.

Zion. Mention has already been made of the unusually good showing made in public contacts. This has been done in spite of no increase in personnel over last year - Ranger-Naturalist H. L. Reid leaving on Sept. 3 and J. C. Anderson on the 15th. On September 8 Naturalist-Custodian C. Y. Croft was called in from Cedar Breaks to carry on educational work in Zion while Park Naturalist Presnall was on duty at Bryce. A full program was maintained until the 15th, after which decreased personnel necessitated elimination of the campfire lecture.

Bryce. Ranger-Naturalist K. E. Weight left duty on the 5th, being replaced by Gordon Y. Croft from Cedar Breaks until the 8th. After that date the educational program was continued until the 26th by Park Naturalist Presnall. This is the first year the program has been continued so late, and results certainly justify similar practice in the future. Contacts for the month totalled 4,231, which is 64% of all visitors. The difference between this percentage and the 91% contacted in Zion is caused by a lack of sufficient personnel at Bryce, and also by a persistent myth that "Bryce can be seen in an hour".

Tabulation of educational contacts is given in the attached form.

420 Museum Service

Zion. The museum has been kept open 8 to 10 hours daily, this being done after the 15th through the cooperation of the Zion C.C.C. camp which supplied a man as museum attendant.

The reptile exhibit has been discontinued owing to cool weather. Specimens loaned by the Dixie College have been returned to them, rattle snakes were shipped to the San Diego Museum, and harmless species were liberated.

Bryce. The Museum has been kept open 8 hours a day, with a very efficient CCC man in attendance. This man, Mr. Grantham, has donated his services each Saturday and Sunday throughout the season, and has contributed much to the success of educational work in Bryce.

The tree exhibit is nearing completion. At the end of the month only three paintings remained to be done, and four trunk sections were yet to be sawed and polished.

The lantern slide collection, now numbering only 53 slides, will be enlarged from photographs which we are now starting to secure. Two dozen bird and mammal photos and one dozen tree photos were taken for this purpose during September.

455 Flora

Autumn colors at Bryce and Cedar Breaks were more vivid this year than at any time in the past five years, but were of short duration owing to severe frosts on the 21st. An unusually large pinon pine nut crop also occurred this year.

460 Birds

During the month 12 new species were added to the Bryce checklist - all common enough to the region, but not previously recorded because of lack of any ornithological study in the past. A total of 132 forms are now recorded for Zion, Bryce and Cedar Breaks.

470 Animals

Study of wildlife conditions is being continued by Naturalist Assistant Keller under E.C.W., who spent most of the month at Bryce and Cedar Breaks. At Bryce he investigated porcupine damage and also poisoning campaigns just outside the park. At Cedar Breaks he commenced a biological reconnaissance of the area. His report is submitted in full to the Wildlife Division.

The deer in Zion appear to be in good condition this season. However, more damage to vegetation is noticeable this season than heretofore. Considerable amount of browsing from grapevines and small shrubbery to a height of six feet has been observed. Drought conditions have undoubtedly contributed to this condition. During the reconnaissance by Chief Ranger Jolley and Engineer Cowell over the plateau back of Bridge Mountain, several deer were seen and it was observed that the forage is good and there is a sufficient supply of water for small bands of deer and mountain sheep. Deer as well as mountain sheep range this section throughout the year.

500 Use of Park Facilities by the Public

510 Increase in Travel

The month of September maintained the rate of increase, the 8,605 visitors to Zion and 6,610 to Bryce establishing new high records for that month.

530 Visitors

These parks have been honored by the visit of several artists and during the closing days of the month Zion almost resembled an art colony. Mr. V. Roth arrived on the 16th and is still with us, working with oils. He turns out a canvas at an amazing speed, and considering the rate of production, of good quality. A group of California artists arrived on the 22nd, consisting of A. W. Best of Oakland, H. C. Best of Yosemite, and a Mr. Teague of Oakland. They work both in oil and watercolor. Mr. Gunnar Wiedfors, noted Grand Canyon painter, arrived on the 28th for a stay of about two weeks.

Mr. H. Bradford of Butte, Montana, visited Zion on the 6th and showed several reels of Yellowstone to an appreciative audience at the lodge.

Dr. H. C. Bumpus stopped for a few hours at Zion on the 8th enroute through Utah.

Dr. Asa Martin, Professor of History at Penn State College, visited Zion en route to Tucson where he will write during his sabbatical year.

The visit of Mrs. Iokes has previously been mentioned in this report.

Of the above visitors, Dr. Bumpus, the Best party, and Dr. Martin also registered at Bryce.

600 Protection

610 Police Protection

The services of temporary rangers were terminated as follows: John McAllister, 22nd; Fred R. Brueck, 30th. Brueck was on duty at Bryce throughout the month. The one checking station at Bryce and both checking stations at Zion were operated throughout the month. The chief ranger was assigned to duty all day at Zion Lodge during the first day issue of the Zion stamp.

Two enrolled members of the Zion C.C.C. camp under the influence of liquor were removed from the roadway and turned over to the Army authorities at the camp. On the 15th an investigation was made at the C.C.C. camp by the superintendent and Ranger Schiefer concerning the theft of a quantity of morphine which had been stolen from the company commander's quarters during his absence from the camp. The property was recovered.

620 Fire Protection

Zion. On the 7th Mr. Walker, a shepherd, reported that a fire was burning on the west rim about $1\frac{1}{2}$ miles north of Potato Hollow. The Chief Ranger and one park ranger, with three E.C.W. foremen, went up and fought fire all night, the next day two additional fire fighters were sent up, and on the 9th ten others were added to the crew. About 32 acres of brush, oak, maple, and a few yellow pine, were burned over.

On the 22nd a fire was started in the garbage pit by hot ashes which were dumped in by the C.C.C. garbage truck. It didn't amount to much, although a large number of men volunteered to assist in extinguishing it. The new fire pump was tried out under the direction of the superintendent. Two fire drills were held in the C.C.C. camp during the month. They are developing a very efficient fire fighting organization.

Bryce. On the 12th Maurice Cope found C.C.C. boys under direction of Owen Johnson, E.C.W. Foreman, burning trash in three different places near Bryce Point Junction. He suggested to Mr. Johnson that it was not a very suitable place for burning, and together they selected a place off the road in a swail where fire hazard would be reduced to a minimum, and since then all burning in that vicinity has been done in this one place.

630 Accidents

Zion. A deer was killed by D. H. Beck, Project Superintendent, on the highway one mile south of the U.P. garage on the 10th. Mr. Joseph Wright, E.C.W. Foreman, killed a deer on the highway one-half mile south of the U.P. garage. Miss Nell Gerrard, daughter of Zion storekeeper, killed a deer on the highway at the junction of the U.P. garage. Another

one was killed near the museum by an unknown party. All of these deer were killed by being struck with automobiles when the deer became confused by glaring headlights.

A Dodge sedan driven by Earl Young of Kanab, Utah, was wrecked on the highway on the first loop below the Nevada Switchback on the East Rim Road. The driver was unable to make the curve and struck the end of the rock curb, knocking off two rocks and doing about \$75 worth of damage to the car. One passenger was slightly injured and was taken to the lodge for treatment. The accident was investigated by Mr. Parker and Mr. Brockmeier.

Mr. H. J. Kopp, a contractor, ran into a large boulder on the right side of the highway near the south checking station while trying to pass another car. His brakes were defective, and Ranger Schiefer caused him to park his car until the brakes were repaired.

Project Superintendent Daniel H. Beck, while driving up the canyon about 9:00 P.M. on the 22nd, on the left side of the road, crashed into the side of a Ford driven by Mr. George Short, who was coming out of the canyon. Mr. Beck attributed the accident to glaring headlights. The estimated cost of repairing the cars was \$75 each. No personal injuries.

Very truly yours,

P. P. Patraw, Superintendent

By

Assistant Superintendent

ZION NATIONAL PARK

TRAVEL REPORT BY STATES

Travel Year Oct. 1, 1933, to Sept. 30, 1934
With comparative statistics for 1933 year

State	1934				1933		
	Cars	Pass	Stage	Misc	Total Visitors	Cars	Total Visitors
Alabama	12	45	2		47	3	21
Arizona	374	2,740	1	3	2,757	505	2,091
Arkansas	19	63	1		64	12	36
California	7,791	22,032	235	3	22,270	6,000	17,596
Colorado	534	1,575	5	2	1,582	252	725
Connecticut	56	152	22		174	29	86
Delaware	5	14	2		16	5	15
Dist of Columbia	72	107	35		222	55	166
Florida	35	117	9		126	20	63
Georgia	19	59	1		60	5	14
Idaho	252	367	3		370	175	529
Illinois	522	1,576	159	2	1,737	271	374
Indiana	130	425	21		446	52	154
Iowa	175	546	17		563	32	261
Kansas	120	413	6	1	420	54	155
Kentucky	29	86	12		90	14	40
Louisiana	30	141			141	7	22
Maine	9	20	1		21	9	23
Maryland	31	88	24		112	17	59
Massachusetts	146	405	45		450	93	303
Michigan	237	647	32		606	112	314
Minnesota	193	617	11	2	630	95	273
Mississippi	9	33	2		35	5	13
Missouri	202	625	26	2	653	105	339
Montana	153	436	3	1	440	103	233
Nebraska	100	539	50		539	32	265
Nevada	593	1,959	2		1,961	432	1,455
New Hampshire	13	37	7		44	3	9
New Jersey	157	462	71	1	534	90	304
New Mexico	95	202			202	52	140
New York	468	1,293	277	1	1,571	285	1,041
North Carolina	11	34	5		39	12	37
North Dakota	26	94	1		95	16	55
Ohio	330	1,027	103		1,130	162	507
Oklahoma	107	325	5		330	41	135
Oregon	103	273	6		279	70	227
Pennsylvania	256	731	120	4	855	133	507
Rhode Island	17	42	2		44	11	33
South Carolina	6	21	11		32	5	16
South Dakota	39	131			131	25	73
Tennessee	35	117	1		113	13	51
Texas	292	944	2	1	947	104	293
Utah	6,190	22,955	30	19	23,012	4,868	17,938
Vermont	8	21	2		23	4	11

Zion (2)

Month	1934				1933		
	Cars	Pass	Stage	Miss	Total Visitors	Cars	Total Visitors
Virginia	16	50	5		55	10	27
Washington	234	649	11	1	662	139	391
West Virginia	26	87	10		106	10	34
Wisconsin	153	420	40	1	477	70	243
Wyoming	121	362			362	64	188
Africa	3	7			7		3
Alaska	1	3			3	3	6
Australia			1		1	1	1
Austria							2
Belgium	2	6			6	1	3
Brazil	2	4			4	1	2
West Indies	1	4			4		
Canada	70	279	4		283	30	94
Canal Zone	3	7			7	5	16
Central America						1	2
China	7	22			22	3	17
Czech-Slovakia							4
Denmark						1	2
Egypt	1	5			5		
England	14	33	7		40	7	23
France			1		1	2	13
Germany	5	12			12	2	9
Hawaii	13	30	1		33	13	37
Holland	1	4			4	1	3
India	2	4			4	2	10
Italy						1	3
Japan	2	6	1		7	1	3
Java							3
Malay Islands	1	3			3		
Mexico	7	20			20	6	22
New Zealand			2		2		
Norway			1		1		
Iceland							2
Puerto Rico	3	12			12	1	2
Philippine Islands	2	6			6	2	11
Russia							2
Scotland	1	2			2		
South Africa	2	5			5		
Siam	1	2			2		
South America	1	2			2	1	2
Switzerland			1		1		2
Totals	21,336	67,236	1,406	49	63,201	14,900	48,763

BRYCE CANYON NATIONAL PARK

TRAVEL REPORT BY STATES

Travel Year Oct. 1, 1933, to Sept. 30, 1934
 With comparative statistics for 1933 year

State	1934				1933		
	Cars	Pass	Stage	Misc	Total Visitors	Cars	Total Visitors
Alabama	6	42			42	2	4
Arizona	305	1,303	1	2	1,311	226	729
Arkansas	7	20	1		21	6	21
California	5,640	13,240	205	4	13,449	4,134	12,708
Colorado	370	1,125	7		1,132	155	479
Connecticut	32	93	17		110	19	72
Dist of Columbia	44	127	34		161	33	113
Delaware	4	10	2		12	3	9
Florida	26	74	14		88	12	43
Georgia	11	30			30	5	19
Idaho	201	742	3		745	93	317
Illinois	372	1,065	174	2	1,241	176	612
Indiana	32	177	19		196	34	99
Iowa	109	370	13		303	53	167
Kansas	93	305	3		313	37	116
Kentucky	23	71	13		89	7	69
Louisiana	19	65			65	6	15
Maine	3	15	1		16	7	17
Maryland	22	65	20	1	94	12	39
Massachusetts	99	200	33		313	63	237
Michigan	191	551	46		597	71	211
Minnesota	126	431	14		445	50	152
Mississippi	6	22	1		23	2	6
Missouri	139	452	34		426	69	223
Montana	92	203	1		204	43	127
Nebraska	120	379	64		443	55	212
Nevada	237	991	1		992	153	559
New Hampshire	3	20	7		35	2	8
New Jersey	35	423	35		513	65	275
New Mexico	47	169			169	27	77
New York	314	906	234	2	1,192	194	733
North Carolina	9	25	2		27	7	22
North Dakota	13	66	1		67	10	33
Ohio	232	613	106	1	720	103	359
Oklahoma	70	236	3		239	24	73
Oregon	33	151	3		154	49	136
Pennsylvania	131	535	123		650	33	352
Rhode Island	11	33	1		34	6	23
South Carolina	3	9	4		13	2	6
South Dakota	25	35			35	9	23
Tennessee	20	73	2		75	7	27
Texas	136	626	3		629	76	245
Utah	4,373	17,029	61	30	17,123	3,023	12,333
Vermont	6	13	2		20	3	11

State	1934				1933		
	Cars	Pass	Stage	Misc	Total Visitors	Cars	Total Visitors
Virginia	11	40	2		42	6	17
Washington	163	518	13	2	533	86	259
West Virginia	9	33	18		51	6	18
Wisconsin	120	174	52		226	52	174
Wyoming	63	220			220	31	111
Africa	1	3	2		5		
Alaska						1	3
Austria							1
Australia			1		1		1
Batavia							1
Belgium							2
Canada	52	172	5		177	21	75
Canal Zone						3	9
China	1	3	1		4		2
Czecho Slovakia							4
England	3	6	7		13	1	10
France			1		1	1	10
Germany	1	3	4		7		3
Hawaii	13	34	2		36	5	16
Holland							4
India			1		1		5
Italy							2
Japan	1	4			4		3
Java			2		2		1
Mexico	1	3			3	3	14
New Zealand			1		1		
Norway			1		1		
Philippine Island							4
Poland							2
Portugal							1
Puerto Rico	2	8			8	1	2
Russia							2
Switzerland			1		1		1
Venzuela	1	2			2		
Totals	14,632	49,566	1,550	52	51,183	9,450	32,873

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

TRAVEL REPORT

ZION

National Park for the month of SEPTEMBER 1934

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year		
					Number	Percent	
<u>PRIVATE TRANSPORTATION:</u>							
Cars first entry,	2699	20089	1979	15075	7014	53.64	Inc
Cars reentry,	81	1218	194	1886	668	54.84	Dec
Motorcycles,		29	2	19	10	52.63	Inc
Total motor vehicles,	2780	21336	2175	14980	6356	43.03	Inc
Persons entering via motor vehicles,	8418	67226	6532	47460	19766	41.647	Inc
Persons entering via other private transportation,		40	2	25	15	60.	Inc
Total persons entering via private transportation,	8418	67266	6534	47485	19781	41.657	Inc
<u>OTHER TRANSPORTATION:</u>							
Persons entering via stages,	179	1486	119	1215	271	22.3	Inc
Persons entering via trains,							
Persons entering otherwise,	8	49	13	63	14	22.06	Dec
Total other transportation,	187	1535	132	1278	257	20.09	Inc
GRAND TOTAL ALL VISITORS,	8605	68801	6666	48763	20038	41.09	Inc

Local travel, season 1934- Cars 1980 Pass. 11688	This Year	Last Year	Increase	
			Number	Percent
Local travel, season 1933- Cars 3791 Pass. 13780				

Automobiles in public camps during month,	537	476	61	12.81	Inc
Campers in public camps during month,	1470	1292	178	13.77	Inc

10-157
(July, 1929)

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TRAVEL REPORT

Bryce Canyon National Park for the month of September

	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,	1975	14534	1316	9437	5097	54.01
Cars reentry,						
Motorcycles,	5	21	1	13	8	61.53
Total motor vehicles,	1980	14555	1317	9450	5105	56.02
Persons entering via motor vehicles,	6382	49586	3989	31937	17649	55.26
Persons entering via other private transportation,						
Total persons entering via private transportation,	6382	49586	3989	31937	17649	55.26

OTHER TRANSPORTATION:

Persons entering via stages,	221	1550	138	896	654	72.99
Persons entering via trains,						
Persons entering otherwise,	7	52	2	45	7	15.55
Total other transportation,	228	1602	140	941	661	70.24
GRAND TOTAL ALL VISITORS,	6610	51188	4129	32878	18310	55.69

	This Year	Last Year	Increase	
			Number	Percent
Automobiles in public camps during month,	303	164	139	84.75
Campers in public camps during month,	1142	520	622	119.61

Fagergren

ZION NATIONAL PARK

WEATHER REPORT

September 1934

TEMPERATURE

Mean maximum	89.5
Mean minimum	61.3
Mean	75.4
Maximum	99 on 4th & 5th
Minimum	42 on 25th

PRECIPITATION

Total	0.25 in.
Greatest in 24 hours	0.15 on 6th

NUMBER OF DAYS

With .01 in. or more prec.	3
Clear	23
Partly cloudy	6
Cloudy	1

ALLEN T. STRUNK
Observer

BRYCE CANYON NATIONAL PARK

WEATHER REPORT

September 1934

TEMPERATURE

Mean maximum	68.4
Mean minimum	36.2
Mean	52.3
Maximum	79 on 4th
Minimum	18 on 25th-26th

PRECIPITATION

Total for month	0.17 in.
Greatest in 24 hours	0.11 in. on 5th

NUMBER OF DAYS

Clear	25
Partly cloudy	4
Cloudy	1

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 September, 1934

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	33	68	18	2
Number of additions.....	00	23	00	161
Total.....	33	91	18	163
Number of separations.....	5	76	4	20
Number of employees close of month.....	28	15	14	143
Number of promotions during month.....				
Aggregate amount of annual leave taken	16 $\frac{1}{2}$			
Aggregate amount of sick leave taken....			4	
Aggregate amount of leave without pay..				

. 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 September, 1934

	This Year	Last Year
Park revenue on hand beginning of month,	1,119.00	406.00
Received,	2,324.00	1,890.70
Total,	3,943.00	2,296.70
Remitted,	3,545.00	2,032.00
On hand close of month,	398.00	264.70
Park revenues received this year to date,		10,425.00
Park revenues received last year to date,		7,535.70
Increase,		2,889.30
Per cent of increase,		38.34

10-161
(Sept. 1933)

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

REPORT OF SALES OF PUBLICATIONS

Zion National Park, September, 1934

	Number	Value
<u>GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month,	33	33.00
Received during month,		
Total,	33	33.00
Sold during month,	23	23.00
On hand at close of month,	10	10.00

NON-GOVERNMENT PUBLICATIONS:

On hand beginning of month,		
Received during month,		
Total,		
Sold during month,		
On hand at close of month,		

Cash on hand beginning of month,	38.80
Sales during month,	23.00
Total,	61.80
Remitted during month,	38.80
Balance,	23.00

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Zion National Park for the Month of September, 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	60-100	13	37	Nov 17, 1934
FP-17A Employees qtrs, hdqts	48-75	48		Nov 19, 1934
FP-18A Comfort sta., south ent	43-100	43		Nov 17, 1934
FP-19 Campground development	100	1		
FP-20 Sewer-water system	100			
FP-21 Checking sta., east ent	100			
FP-22 Employees qtrs, east ent	42-75	6	20	Nov 30, 1934
FP-23 Water system, east ent	100			
FP-24 Elec sys, south ent	65-100	16	46	Nov 30, 1934
FP-169 Stream protection	100✓			
FP-170 Campground svce roads	99-100✓		5	Nov 30, 1934
FP-171 West Rim Trail	100✓			
FP-172 Refrigerator Canyon Trail	100✓			
FP-173 Valley trails	100✓	1		
FP-174 Parking area	100✓	1		
FP-175 Footpaths, hdqts	98-100✓		22	Nov 30, 1934
FP-176 Equipment	100-96			

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Bryce Canyon National Park for the Month of September, 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		3	
FP-9 Ext to office building	13 ⁷⁻⁶⁴	2	6	Nov 30, 1934
FP-10 Water sys ext to bldgs	3 ^{-100v}			Nov 30, 1934
FP-11 Comfort station	48 ^{-100v}		11	Nov 6, 1934
FP-12 Water sys ext to camp	00 ^{-100v}			Nov 30, 1934
FP-13 Sewer system ext	78 ⁷⁻¹⁰⁰		78	Nov 30, 1934
FP-14 Equipment shed	100 ✓			
FP-15 Boundary fence	100	1		
FP-156 Post const of roads	100 ✓	1	23	
FP-157 Hdqts service roads	90 ⁷⁻¹⁰⁰			Nov 30, 1934
FP-158 Rim Trail const	41 ⁷⁻¹⁰⁰			Nov 30, 1934
FP-159 Rim footpaths	100			
FP-160 Equipment	74			Nov 30, 1934
FP-161 Lodge road widening	100			
FP-162 Footpath, lodge to rim	100			
FP-163 Lodge-Bryce Camp path	100 ✓			
FP-164 Footpaths, hdqts	84 ^{-100v}	65		Nov 30, 1934
FP-165 Footpath, PA to rim	100			
FP-166 Prot railing, Bryce Point	37			Nov 30, 1934
FP-235 Footpaths, asphalt sfg	98 ^{-100v}			Nov 30, 1934
FP-331 Telephone system	64 ^{-100v}	31	22	Nov 30, 1934