

August 1932
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Weather Report

10-23

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
~~Zion-Bryce~~ NATIONAL PARK

FILE NO.

MONTHLY REPORT FOR AUGUST, 1932

IMPORTANT

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STEPHEN T. MATHER,
Director.

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

September 10, 1932

The Director
National Park Service
Washington D. C.

Dear Mr. Director:

The following is my report of activities in Zion and Bryce Canyon National Parks for the month of August, 1932:

000 General

020 General Weather Conditions

The weather in both Zion and Bryce was warm up to the 24th of the month. On the 24th heavy rains fell in the southern portion of Zion Canyon in the form of a cloudburst which did considerable damage to roads. The roads at the south entrance to the park were covered with eighteen inches of mud and rocks washed down from the mountain side. Traffic was held up for four hours. A crew of men with trucks and grader worked all night to clear the road so that cars could pass. Regular afternoon showers came in Bryce the latter part of the month but there is no rain gauge there and we cannot determine the amount of precipitation. On the 28th a hurricane struck in the Temple of Sinawava accompanied by hail which did much damage to trees and automobiles parked in the area. Five automobile tops were almost ruined by hail; twenty trees were uprooted and blown down. One cottonwood tree 2½ feet in diameter was lifted out of the ground by the wind. A party of five people was held on the "arrows Trail for an hour account of floods. No one was injured. Approximately two inches of rain fell in an hour, causing the largest flood of the season. The river gauge was washed out but a measurement on the bank of the river showed a rise of twelve feet above normal. At the south entrance the weather gauge at Zion showed a total rainfall of 2½ inches.

The maximum temperature for Zion was 101 and the minimum 53, with an average of 77. The coolest day in Bryce was 28 on the 30th, and the warmest day was 86 on the 3rd, with an average temperature of 62. There were steady rains in Bryce during the month.

100 Administration

120 Parks Inspections by

121. Park Superintendent. On August 1 I attended the opening of bids in the office of the Bureau District Engineer in Ogden for the surfacing of

the Zion Valley Road, and returned to Zion. On the 15th I went to the North Rim of Grand Canyon with Assistant Director Moskey, returning to Zion the following day. On the 18th I went to Bryce and on the 19th drove Mr. Moskey from Bryce to Cedar Breaks and Cedar City, I returning to Zion the same evening. On the morning of the 26th I attended a session of the convention of the state department of the American Legion in St. George. On the 31st I went to Bryce, accompanied by Investigator Wilt, for the purpose of meeting a party of Utah county officials.

Almost daily inspections were made of the supplemental work in the Zion tunnel.

123. National Park Service Officers. Assistant Superintendent Tobin of Sequoia, who arrived in Zion on July 30, departed on August 2.

Assistant Director Moskey arrived at Zion on the 13th, went to the North Rim of Grand Canyon on the 15th, to Bryce on the 17th and out by way of Cedar Breaks and Cedar City on the 19th. In Zion and Bryce he was taken over all of the roads and inspected all government buildings and attended several educational programs. His visit was of much benefit in the discussion of problems of park administration having legal aspects.

Assistant Landscape Architect Langley returned to Bryce Canyon National Park from Grand Canyon on the 11th. He came to Zion on the 16th for the purpose of inspecting contract work in progress in the tunnel and returned to Bryce on the 17th where he remained until the 24th when he departed for Grand Canyon by way of Zion.

Investigator Wilt arrived in Zion on the 29th from the North Rim and accompanied me to Bryce on the 31st.

125. Other Governmental Officers. District Engineer Finch and his assistant, Mr. Mitchell, arrived in Zion on the 16th, inspected the tunnel work on the 17th and departed the same day.

170 Plans, Maps and Surveys

Landscape Architect Langley has completed a map of Zion on a large scale showing all topography. This map has been built up from all available maps and data. There is also one being prepared by Mr. Langley for Bryce.

200 Maintenance, Improvements and New Construction

220 Improvements

Telephone wire was strung between the checking station, dormitory, mess hall and ranger's residence in Bryce during the month. A total of $1\frac{1}{2}$ miles is ready for use at the headquarters as soon as telephones can be installed. One mile of line was blown down by wind in Zion, which was repaired immediately without being completely out of service.

230 New Construction

Project 1-B1, extension of the Bryce Rim Road 3.8 miles to Natural Bridge was advertised on the first and bids opened on the 18th. Three bids were received, the low bid being submitted by Union Construction Company in amount of \$56,895.20, the engineer's estimate being \$50,094.60. Award was recommended to the low bidder, and although award had not been made at the close of the month, the company began clearing the right-of-way on the 29th and at the close of the month had about a mile cleared, with burning in progress.

Reynolds-Ely Construction Company, contractor for the supplemental construction on the East Rim Road, made only fair progress. It was necessary for the Bureau engineers to order the company to put on a larger crew and speed up their work. At the close of the month the work was 15% complete. In order to permit the contractor to do shooting and mucking out for the tunnel enlargement, permission was given for closing the tunnel each night from 10:00 P.M. to 6:00 A.M., beginning August 15. The traffic through the tunnel has been handled very well with a minimum of inconvenience during the open hours.

Award of contract to Reynolds-Ely Construction Company for surfacing the floor of the valley road in Zion National Park was made on August 8 but notice to proceed was not sent to the contractor until the 22nd on account of some delay in receipt of advice of the award in the district engineer's office. At the close of the month the contractor had not begun operations.

The storms in Zion occurring on the 24th and 28th of the month did considerable damage to the roads and trails. On the 24th the highway near the south entrance was blocked for a distance of one-quarter mile with from one to two feet of mud and rocks. An average crew of ten men and three trucks was employed for one week to remove this debris. The shoulders of the Floor of the Valley Road were washed out considerably and much silt and rocks deposited over the roadway. A crew of four trucks and twenty men was employed ten days in cleaning this up. The East and West Rim Trails, Narrows Trail and bridle path were badly washed and a crew of six men and a foreman has been working on them since that date. On the 28th of the month another storm occurred which did considerable damage on the Narrows Trail and in the Temple of Sinawava, but the roadways were not seriously damaged. The basket dam under construction near the lodge was damaged by the flood on the 28th. The excavation was filled back in with silt and had to be removed again.

Progress has been very good on the employee's residence at Zion. The monthly estimate shows 66% of the work completed with 74% of the time elapsed. However, this does not quite reflect the true status of the job, as all the case work inside is milled and is very quickly installed, so that it is apparent the contractors are well up on their time.

A new garbage pit was constructed in Zion near Oak Creek and all park garbage, including the lodge, is deposited in this one central pit. This was made large enough to take care of the remainder of this season and next season up to the time that the new incinerator will be installed.

Fifteen hundred lineal feet of movable guardrail was installed on the campground road at Bryce. This type seems to fit the needs very nicely. It is constructed with a rail sixteen feet long bolted to blocks and can be moved and arranged to fit the needs.

300 Activities of Other Agencies in the Parks

310 Public Service Contractors

The Utah Parks Company applied for permission to close Bryce Canyon Lodge on September 6, accommodations to be provided thereafter in the cafeteria, and to place Zion Lodge on the basis of furnishing informal service. Approval of the application was recommended provided the lodge cabins at Bryce were continued available and that the furnishing of accommodations continue to the usual seasonal closing dates for each park. The usual excellent service was rendered throughout August at both lodges.

314 Complaints

Complaint was received through the office of the Director from W. Earl Lyman, Utah Photo Materials Company, Salt Lake City, against action in requesting their representative located at Rubys Inn to discontinue guided educational trips into Bryce Canyon National Park. In answer to the complaint it was reported to the Director that these guided trips were in violation to park regulations and in competition with our own educational service.

400 Flora, Fauna and Natural Phenomena

410 Ranger, Naturalist and Guide Service

Work on the preparation of a naturalist manual for Zion is under way, but very little time has been available for this as yet. The cataloging of the library books has been somewhat delayed, but can be completed as soon as the travel drops off.

The total public contacts for the naturalist service for June was 8,917, for July, 10,433, and for August, 7,237.

On August 15 Dr. Woodbury was relieved from routine duties and assigned to special work directly under the Superintendent. Since this date the regular duties have been readjusted among Gray, Reid and Croft. The same schedule of operations as previously listed is being maintained.

The following dates have been set by the Superintendent for the termination of the services of the ranger-naturalists: K. E. Weight, Sept. 8; H. L. Reid, Sept. 10; A. M. Woodbury, Sept. 15; G. Y. Croft, Sept. 30.

The severe storms of recent date at Zion did not affect the guide service. Visitors were extremely interested in the water falls and flood waters of the river.

Ranger-Checker Burgener was given four days furlough on the 24th, 25th, 29th and 30th. His services terminated on the 31st. Ranger Schiefer will take

his place at the south entrance checking station. Rangers Schiefer and Cope have been on patrol and police duty during the month. Ranger-Checker Jones was furloughed on the 18th, 19th and 31st. Ranger-Checker Critchlow was furloughed on the 26th.

Mrs. Patraw has succeeded Mrs. Woodbury as Treasurer of the Zion-Bryce Natural History Association.

Field Trips at Zion. The regular schedule has been maintained closely. One moonlight trip was conducted.

Field Trips at Bryce. The morning nature hike over the Comanche and Navajo Trails has been the regular routine. In the afternoon regular caravan trips have been conducted to the various rim points, Little Bryce and often to the end of the new rim road. The average attendance per trip was about 27 people.

Lectures at Zion. Conducted daily. During the past two weeks the attendance has fallen rapidly at the campfire and Lodge meetings, as most of the traffic is en route home and does not remain in the park. With few exceptions all visitors present in the park attend one or the other of these meetings.

Lectures at Bryce. Two lectures are given daily, one at Sunset Point at 9:00 A.M. previous to the nature hike and the other at the Lodge in connection with the evening program. The average attendance for the morning lecture was 29 and for the evening lecture 75.

420 Museum Service

At Zion. Several additional bird and animal mounts have been added to the collections. The Superintendent has selected the Datura or Jimson Weed, one of the most common and beautiful flowers of this region, as the park flower. Miss Ruth Ann Younglove of Pasadena, California, has made an excellent painting of this flower and has donated it to the museum. This will be suitable framed for exhibit.

The museum is badly in need of more space at this time. The completion of the following will greatly enhance the educational value of the exhibits: (a) An early settler room or cabin for display of pioneer relics and early life in the region of Zion. (b) The rearrangement of the bird and animal mounts into habitat and life study groups. (c) A botanical exhibit showing the characteristic plant groups and life zones of the region. (d) A model of Zion Canyon showing the roads, trails and principal points of interest.

The museum attendance record for the season to date shows:

April	-	184
May	-	620
June	-	3,251
July	-	3,463
August	-	3,575
Total	+	11,093

The daily museum attendance at Zion for August was 3,575 (see following table).

MUSEUM VISITORS RECORD (ZION)
August, 1932

Date:	Day	:Atten-: :dance	:Date:	Day	:Atten-: :dance	:Date:	Day	:Atten-: :dance
1	Monday	: 86	12	Friday	: 129	23	Tuesday	: 124
2	Tuesday	: 71	13	Saturday	: 172	24	Wednesday	: 88
3	Wednesday	: 79	14	Sunday	: 91	25	Thursday	: 150
4	Thursday	: 120	15	Monday	: 124	26	Friday	: 152
5	Friday	: 122	16	Tuesday	: 114	27	Saturday	: 68
6	Saturday	: 112	17	Wednesday	: 181	28	Sunday	: 156
7	Sunday	: 105	18	Thursday	: 152	29	Monday	: 107
8	Monday	: 79	19	Friday	: 115	30	Tuesday	: 69
9	Tuesday	: 87	20	Saturday	: 123	31	Wednesday	: 110
10	Wednesday	: 87	21	Sunday	: 198			
11	Thursday	: 103	22	Monday	: 101		Total	: 3575

Museum Collections at Bryce. About 25 new plants have been added to the summer collection of plants.

Three or four personal articles owned by Mr. Ebenezer Bryce, the founder of Bryce Canyon, were received by the park from Mr. Richard Bryce, the oldest son of Mr. Bryce from Bryce, Arizona. Other articles, such as an enlarged picture of Mr. Bryce, are to be sent at a later date.

470 Animals

Deer are seen much more frequently in Bryce this season than ever before since Bryce has been made a park. However, they are diminishing in Zion. Eleven deer were found dead in the canyon at Zion; two were killed accidentally, one by an automobile and another was found with his head caught in the roots of a fallen tree with a broken neck; the other nine have died from disease of some kind. The stomach, lung and head of one two-year-old doe was sent to Washington D.C. for analysis. It is supposed that they have died from poison. Four more deer were reported dead near the south boundary of Zion. We are, no doubt, finding only a small number of the deer poisoned in the same manner in the park.

Several cougars have been reported recently on the rims. A family of desert gray fox was secured early in the month and mounted in the museum. Porcupines are quite numerous at this date. A young coyote was recently killed by an automobile just outside of the park boundary.

480 Natural Phenomena

A gopher snake in the museum cages gave birth to 17 young. These are doing well and are of considerable interest to the visitors.

Several days ago the young of one horned toad were sent to the museum. The brood consisted of 10 and they were on exhibit for a few days.

500 Use of Park Facilities by the Public

530 Visitors

- 3rd - Dr. Charles H. Tozier of Boston, Mass. at Zion, 3rd to 5th; at Bryce 9th and 10th. Dr. Tozier is a color photographer and he exposed many color plates in both parks.
- 16th - Dr. Homer L. Shantz, President, University of Arizona, accompanied by his wife, son and daughter-in-law, were in Bryce on the 16th and for a few hours in Zion on the 17th.
- 23rd - Prof. Ellis C. Persing arrived at Zion National Park on the 23rd, went to the North Rim on the 24th and to Bryce on the 26th, for the purpose of making inspections with a view to conducting summer educational tours in these parks. Ranger-Naturalist Woodbury was detailed to accompany Prof. Persing to Grand Canyon and Bryce.
- 24th - Mr. Archie D. Ryan, Chief of Field Party, General Land Office, and Chairman of the Regional Protection Board, visited Zion for a few hours.
- 26th - Party of 44 members of the Bankers Life Insurance Association at Zion on regular Utah Parks Company five-day tour.

600 Protection

630 Accidents

Five men were overcome by gas on the 5th but all recovered very soon after being taken to the gallery and the fresh air. Four men have had slight injuries from falling rocks in the tunnel. Dr. H. S. West of Council Bluffs, Iowa, was injured when he slipped and fell while walking along the rim trail at Bryce. His right elbow was dislocated. He was treated at the Cedar City hospital, returning to the park later to continue his visit.

660 Sanitation

Water samples from campground and utility water systems were taken and sent to the state laboratory for bacteriological determination. Examination showed the water supply to be satisfactory.

Very truly yours,

P. P. Patraw
Superintendent

TRAVEL REPORT BY STATES TO DATE AUGUST 31, 1932.
Zion National Park, Utah.

State	1932				1931		1931	
	Cars	Pass.	Stage	Misc.	Cars	Pass.	Cars	Pass.
Alabama	10	51	2	0	10	33	0	4
Arkansas	8	23	0	0	8	23	19	62
Arizona	455	1333	3	0	455	1386	548	1633
California	4429	12393	120	14	4429	12527	5750	16269
Colorado	335	938	7	0	335	945	408	1216
Connecticut	35	93	24	0	35	117	26	106
Delaware	6	17	4	0	6	21	4	21
Dist. of Columbia	41	123	21	0	41	144	38	150
Florida	28	100	1	0	28	101	26	86
Georgia	11	35	7	0	11	42	13	47
Idaho	151	453	4	5	151	462	270	855
Illinois	283	880	75	1	283	956	261	905
Indiana	71	213	8	0	71	221	60	247
Iowa	114	356	16	0	114	372	114	381
Kansas	72	239	5	3	72	247	98	304
Kentucky	26	77	2	2	26	81	21	77
Louisiana	7	23	0	0	7	23	13	47
Maine	6	13	2	0	6	15	8	25
Maryland	21	59	25	0	21	84	16	65
Massachusetts	84	232	66	0	84	288	58	275
Michigan	163	469	15	1	163	485	121	411
Minnesota	103	323	5	0	103	328	96	325
Mississippi	4	10	3	0	4	13	4	11
Missouri	112	310	23	1	112	334	126	411
Montana	100	274	9	0	100	283	106	306
Nebraska	129	400	20	0	129	420	105	388
Nevada	373	1193	2	0	373	1195	413	1345
New Hampshire	4	10	3	0	4	15	3	12
New Jersey	94	253	63	1	94	317	88	362
New Mexico	43	131	1	1	43	133	64	181
New York	277	774	206	3	277	983	228	946
No. Carolina	9	29	4	0	9	33	19	77
No. Dakota	32	96	2	0	32	98	16	46
Ohio	170	479	79	1	170	559	213	807
Oklahoma	55	157	0	0	55	157	86	255
Oregon	74	208	10	1	74	219	95	258
Pennsylvania	182	533	73	3	182	609	130	537
Rhode Island	10	24	9	0	10	33	7	30
So. Carolina	3	9	12	0	3	21	1	10
So. Dakota	46	153	0	0	46	153	35	117
Tennessee	14	44	0	0	14	44	9	40
Texas	126	365	1	2	126	368	189	582
Utah	5639	19929	63	33	5639	20025	5638	20623
Vermont	4	7	1	0	4	8	2	14
Virginia	19	51	16	0	19	67	13	57
Washington	146	398	9	2	146	409	170	491

Continued;

West Virginia	18	52	0	0	18	52	13	67
Wisconsin	103	299	19	2	103	320	70	269
Wyoming	87	243	0	0	87	243	117	333
Alaska							1	2
Australia	1	4			1	4	1	3
Austria	1	3			1	3	1	3
Africa	2	8			2	8	1	4
Belgium			1			1		2
Britist W. Indies	1	3			1	3		
Canada	29	113	5		29	118	39	111
Canal Zone	5	12			5	12	2	5
China	3	13	1		3	14		2
Czechoslovakia								1
Denmark								1
England	4	9	3		4	12	1	9
Finland	1	2			1	2		
France	1	3			1	3	1	3
Germany	2	6	1		2	7		1
Hawaii	13	39	4	1	13	44	8	29
Haiti	1	5			1	5		
Holland								1
India	1	2			1	2	1	2
Ireland			2			2		
Mexico	3	9			3	9	2	8
Panama	1	2			1	2	3	11
Philippine Islands	3	8			3	8	2	11
Porto Rico	1	5			1	5	1	2
Japan	1	2			1	2		1
South America	3	9			3	9	2	8
South Wales								1
Scotland			1			1		1
Sweden			2			2		2
Siam								5
	14410	45163	1050	77	14410	46230	15993	52305

BRY CANYON NATIONAL PARK UTAH
TRAVEL REPORT BY STATES FOR SEASON ENDING AUGUST 31, 1932

State	1932				1931			
	CARS	PASS	STAGE	MISC	CARS	PASS	STAGE	MISC
Alabama	7	22					4	
Arizona	190	586	1		189	604	1	
Arkansas	5	12			9	28		
California	3121	9325	140	12	3373	10507	332	
California	3121	9325	140	12	3373	10507	332	
Colorado	214	736	12		392	1089	17	
Connecticut	24	67	14		18	50	31	
Dist. of Columbia	23	70	10		31	104	33	
Delaware	5	9			4	14	9	
Florida	17	51			17	63	4	
Georgia	87	2116	4		5	11	8	
Idaho	151	437	2		284	581	5	
Illinois	206	665	66	1	256	945	128	
Indiana	50	133	8		49	142	42	2
Iowa	6948	220	13		72	228	27	
Kansas	47	148	3		72	453	5	
Kentucky	2478	11348	2		10	59	24	
Louisiana	6	20	1		13	42	4	
Louisiana	6	20	1		13	42	4	
Maine	2	4	3		5	18	7	
Maryland	20	62	15		19	60	10	
Massachusetts	71	188	53		140	295	116	
Michigan	83	233	12		140	403	55	
Minnesota	65	201	7	2	55	178	20	
Mississippi	1	2	2		4	12	7	
Missouri	73	208	17		78	224	45	
Montana	52	150	5		39	125	2	
Nebraska	98	320	22		159	589	40	
Nevada	182	781	1		317	1026		
New Hampshire	4	10			5	7	7	
New Jersey	76	225	54		55	150	109	
New Mexico	25	88	1		30	90		
New York	217	517	190	1	382	979	383	2
North Carolina	4	14	1		15	72	6	
North Dakota	17	46			10	32	1	
Ohio	117	345	72		230	688	133	
Oklahoma	32	88			45	128	1	
Oregon	34	93	5		60	186	14	
Pennsylvania	133	408	68		232	650	159	
Rhode Island	7	16	8		2	7	6	
South Carolina	1	2	1		2	7	6	
South Dakota	27	92	2		19	61	5	
Tennessee	5	17			9	30	5	
Texas	79	233	2		167	494	8	1
Utah	3363	11467	73	17	2989	12072	51	1
Vermont	1	2	1		1	6	3	
Virginia	11	27	6		6	19	10	
Washington	137	505	10		137	909	14	
West Virginia	7	25			9	19	28	
Wisconsin	88	269	11		42	135	48	
Wyoming	50	185	10		46	151	6	

State	1952				1951			
	CARS	PASS	STAGE	MISC	CARS	PASS	STAGE	MISC
Canada	34	147	3		20	65	5	
Canal Zone	1	2						
New Zealand	1	2						
Haiti	1	5			7			
Hawaii	7	27	2		5	14	6	
Mexico	1	2	1		1	5		
Philippine Islands	1	3						
Belgium			1				2	
Ireland			2					
England			2				16	
Africa			1					
Germany							1	
Austria							2	
France							1	
Panama					5	11	1	
Sweden							2	
Holland							1	
China							2	
Siam							6	
TOTALS	9273	29640	932	34	10274	34837	2024	6

Critchlow.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

10-157
(July, 1929)

TRAVEL REPORT

..... ZION National Park for the month of August 1 9 3 2

	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,	2950	12330	3133	14726	2396	16.2 Dec.	
Cars reentry,	187	2069	198	1248	821	39.67 Inc.	
Motorcycles,	5	11	4	19	8	42.1 Dec.	
Total motor vehicles,	3142	14410	3335	15993	1583	36.4 Dec.	
Persons entering via motor vehicles,	10022	45144	10860	50050	4906	9.8 Dec.	
Persons entering via other private transportation,	7	19	5	25	6	24. Dec.	
Total persons entering via private transportation,	10029	45163	10865	50075	4912	9.89 Dec.	
<u>OTHER TRANSPORTATION:</u>							
Persons entering via stages,	401	1050	654	2173	1123	51.6 Dec.	
Persons entering via trains,							
Persons entering otherwise,	10	77	9	57	20	35. Dec.	
Total other transportation,	411	1127	663	2230	1103	49.4 Dec.	
GRAND TOTAL ALL VISITORS,	10440	46290	11556	52305	6015	11.49 Dec.	

	This Year	Last Year	Increase	
			Number	Percent
Local travel to date, 1932. 3632 Cars; 13000 people				
Local travel to date, 1931. 2903 Cars, 9335 People				
Automobiles in public camps during month,	818	1181	363	30.7 Dec.
Campers in public camps during month,	2609	2456	153	5.08 Inc.

10-157
(July, 1929)

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TRAVEL REPORT

BRYCE CANYON

National Park for the month of AUGUST, 1932

	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,	2276	9271	2474	10266	-995	-9.6
Cars reentry,						
Motorcycles,	2	2	3	8	- 6	-75
Total motor vehicles,	<u>2278</u>	<u>9273</u>	<u>2477</u>	<u>10274</u>	<u>-1001</u>	<u>-9.9</u>
Persons entering via motor vehicles,	7470	29640	8283	34837	-5197	-14.9
Persons entering via other private transportation,						
Total persons entering via private transportation,	<u>7470</u>	<u>29640</u>	<u>8283</u>	<u>34837</u>	<u>-5197</u>	<u>-14.9</u>
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages,	365	932	683	2024	-1092	-53.4
Persons entering via trains,						
Persons entering otherwise,	1	34		6	28	82.5
Total other transportation,	<u>366</u>	<u>966</u>	<u>683</u>	<u>2030</u>	<u>-1064</u>	<u>-52.4</u>
GRAND TOTAL ALL VISITORS,	<u>7836</u>	<u>30606</u>	<u>8966</u>	<u>36867</u>	<u>-6261</u>	<u>-16.9</u>

	This Year	Last Year	Increase	
			Number	Percent
Automobiles in public camps during month,	499	708	-209	-29.5
Campers in public camps during month,	1809	2306	-497	-21.5

Critchlow

WEATHER REPORT FOR THE MONTH OF AUGUST 1932.

ZION NATIONAL PARK UTAH.

TEMPERATURE.

Mean Maximum	95.77	
Mean Minimum	71.	
Mean	83.38	
Maximum	101	Date, 3-7-17-23-25
Minimum	53	Date, 30

PRECIPITATION.

Total	2.04	inches
Greatest in 24 hours.....	2.04	Date, 27

NUMBER OF DAYS-

With .01 inch or more precipitation	1
Clear, 16; partly cloudy, 9; cloudy, 6.	

Russell

BRYCE CANYON NATIONAL PARK

WEATHER REPORT FOR THE MONTH OF AUGUST, BRYCE CANYON NAT'L PARK 1932.

TEMPERATURE:

Mean Maximum	75.9
Mean Minimum	45.6
Mean	60.7
Maximum	86 On the 3rd.
Minimum	28 On the 30th.

PRECIPITATION:

Heavy rain on	3-4-9-21-23-26-27.
Shower	8-19-25
Heavy wind	3

WEATHER:

Days Clear	13
Days Partly Cloudy	9
Days cloudy	9

Maurice Cope
Observer.

10-159
 (May, 1931)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE

STATUS OF PERSONNEL

.....Zion..... National Park for the Month ofAugust, 1932.....

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	21	32	22	82
Number of additions	00	29	00	00
Total	21	61	22	82
Number of separations	00	25	2	42
Number of employees close of month	21	36	20	40
Number of promotions during month	0		0	
Aggregate amount of annual leave taken	0		6	
Aggregate amount of sick leave taken	0		0	
Aggregate amount of leave without pay	0		0	

No separations due to retirement or reduced appropriations.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

National Park for the Month of		
Zion	August, 1932	
	This Year	Last Year
Park revenue on hand beginning of month,	1148.00	477.00
Received,	2836.00	3049.00
Total,	3984.00	3526.00
Remitted,	2723.00	2490.00
On hand close of month,	1261.00	1036.00
Park revenues received this year to date,		6030.00
Park revenues received last year to date,		6289.00
Increase,		259.00
xxxxxxxxxxxx Decrease		259.00
Per cent of increase,		4.1
xxxxxxxx decrease		4.1

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

ZION NATIONAL PARK - MONTH OF AUGUST, 1932

	Number	Value
<u>GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month,	72	72.00
Received during month,		
Total,	72	72.00
Sold during month,	18	18.00
On hand at close of month,	54	54.00
<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,		27.00
Sales during month,		18.00
Total,		45.00
Remitted during month,		27.00
Balance,		18.00

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Zion-Bryce Canyon..... National Park for the Month of August, 1932

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
<u>ZION</u>				
407 Employees quarters	66	31	35	Sept 30, 1932
412 Equipment shed	00			June 30, 1933
489 Landscaping	80	30	50	June 30, 1933
504.4 Post construction	25	15	10	June 30, 1933
504.5 Basket dams	50	50		Sept 30, 1932
<u>BRYCE</u>				
413 Employees quarters	00			June 30, 1933
414 Information office	00			June 30, 1933
505 Camp road	100	10	60	

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Zion-Bryce Canyon National Park for the Month of August, 1932.

Description of Projects	Percent Constructed To Date	Percent	Percent	Probable Date of Completion
		Constructed This Month	Constructed Last Month	
ZION				
407 Employees quarters	66			
412 Equipment shed	00		Average number	
489 Landscaping	80		of men employed	<u>0.60</u>
504.4 Post construction	25		Average number	
504.5 Basket dams	50		of men employed	<u>1.63</u>
BRYCE				
413 Employees quarters	00		Average number	
414 Information office			of men employed	<u>0.00</u>
505 Camp road	100		Average number	
			of men employed	<u>0.36</u>