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DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
----- NATIONAL PARK

FILE NO.

January  
1931

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STEPHEN T. MATHER,  
*Director.*

February 9, 1931.

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

Dear Mr. Director:

The following is my report on operations and conditions in Zion and Bryce Canyon National Parks for the month of January, 1931.

000 General

My new appointment as superintendent of Zion and Bryce Canyon Parks took effect on January 16, by transfer from Hawaii National Park, but I did not arrive at Zion Park until January 31, having spent the period from the 16th to 31st in conference with officials at Field Headquarters and in making the trip by auto from San Francisco to Zion. Mr. Scoyen, former superintendent, left the park on January 13 for Glacier National Park.

The most important items of interest during the month were the purchase of 748 acres of privately owned lands on the south boundary of Zion Park (more complete details of which will be given under 160 Status of Lands) and the continued increase in travel over last year. For January, 1931, we had an increase of 170 per cent in travel over January, 1930, and for the 1931 travel year to date we had an increase of 154 per cent over the corresponding period in 1930.

100 Administration

110 Status of work. All outside operations were in fine shape throughout the month. I am sorry to state, however, that due to extra demands made upon the office the arrearage of work there showed considerable increase at the close of the month. This arrearage has been reflected in the delays in submitting regular monthly reports to Washington.

121 Park inspections by superintendent. Previous to my arrival Mr. Scoyen made a complete inspection of all projects and park activities. On January 10 he presented a paper on "The National Parks and Their Relation to the Future Development of Southern Utah" before a meeting of the Associated Civic Clubs of Southern Utah at St. George.

125 Other governmental officers. Mr. Finch and Mr. Brown, of the U.S. Bureau of Public Roads, and Mr. Langley of the Park Service, spent several days in the park in connection with the proposed "Floor of Valley" road to be built this summer.

126 State legislatures. On January 31 63 members of the Utah State legislature made an inspection of the park and especially the Zion-Mt. Carmel highway. They all express themselves as having had a delightful trip and as being strong boosters for southern Utah parks.

130 Finance and accounts. Statement is attached.

140 Status of lands. Mr. F. J. Solinsky, Jr., from the Field Headquarters office, was in the park from January 14 to 16 in connection with the purchase of privately owned lands on the south boundary of the park. He consummated the purchase of a total of 748 acres for a total price of approximately \$64,000. This purchase involved the execution of ten separate abstracts of title although there are in fact twice this number of holdings since part of the land was divided by rental agreement among several families. Most of these families are the direct descendants of the early pioneers in southern Utah who were sent out by Brigham Young to settle the state. When their abodes are razed it will mark the passing of some of the old landmarks in this territory. Half of the purchase price of these lands was donated by the Union Pacific System.

#### 200 Maintenance, Improvements and New Construction

230 New construction. During the month engineers of the Bureau of Roads were in the park looking over the proposed "Floor of Valley Road" from the south entrance to the Temple of Sinawava. \$250,000 has already been allotted for this project from the Emergency Construction appropriation and the Bureau of Roads engineers have stated that proposals will be sent you about Feb. 13, returnable March 1, in order that work may be started about March 10.

An allotment of \$150,000 has also been made from the same appropriation for the construction of a rim road at Bryce Canyon, but owing to weather conditions at Bryce it will probably be a couple of months before bids can be sent out on this project.

240 Improvement of approaches to park. Contracts have been let by the State of Utah for reconstruction of U. S. highway No. 91 between Anderson's Ranch and St. George and for rebuilding three miles of U. S. 89 between Zion-Mt. Carmel Junction and Kanab, Utah. When the latter contract is completed there will be an improved gravel highway from Zion Park to the North Rim of Grand Canyon.

#### 300 Activities of Other Agencies in the Park

330 Cooperating governmental agencies. Representatives of the Bureau of Predatory Animal Control have been hunting cougars along the east boundary of the park for the past two weeks. They report killing four, the largest of which measured nine feet from tip to tip. Only one, however, was killed inside the park. The hides and skulls of two of the finest specimens have been promised the Park Service for its museum in Zion Park.

#### 400 Flora, Fauna and Natural Phenomena

410 Ranger service. The regular checking of automobiles at the south entrance of Zion Park was continued throughout the month. However, the regular entrance fee of \$1.00 was not collected.

#### 500 Use of Park Facilities by the Public

510 Increase in travel. During the month a total of 864 persons entered the park as compared with 313 in January of 1930, an increase of 170 per cent. During this travel year to date a total of 5,868 people entered the park as against 2,193 for the same period in 1930, an increase of 154 per cent. This good showing can be attributed, in part, to the ideal weather which has prevailed throughout the entire month.

520 General weather conditions. The mean temperature for the month was 39 degrees, which is .1 degree above normal. The lowest temperature recorded was 14 on the 10th, 18th and 19th, and the highest 70 on the 29th. The precipitation amounted to only 1.01 inches, which is .68 inches below normal. The lack of precipitation, especially snowfall, is causing considerable worry among the farmers and stockgrowers in this section. Under normal conditions there should be three feet of snow on the higher elevations at this season of the year, but to date there is not over six inches. There is still some hope for late winter snow but unfortunately this melts more rapidly than the snow which has fallen and packed down during the colder weather.

#### 600 Protection

610 Police protection. Only one violation of park regulations occurred during the month. Two men were apprehended for getting wood inside the park without a permit. They already had their truck loaded and were ready to leave, but to teach them a lesson they were told that the wood would have to be unloaded, which was done. We have had very little trouble from this source, however, in either Zion or Bryce Canyon as most of the local residents appreciate the importance of getting permits to get wood in the parks.

This concludes my report.

Very truly yours,

Thos. J. Allen, Jr.,  
Superintendent.

COMPARATIVE REPORT BY STATES UP TO JANUARY 31, 1931. ZION NATIONAL PARK, UTAH.

State	1931				Total		1930	
	Cars	Pass.	Stage	Misc.	Cars	Pass.	Cars	Pass.
Alabama	0	0	0	0	0	0	1	0
Arizona	151	345	0	0	151	345	20	49
Arkansas	2	4	0	0	2	4	2	8
California	794	1842	0	0	794	1842	157	442
Colorado	51	137	0	1	51	138	13	36
Connecticut	0	0	1	0	0	1	0	0
Dist. Columbia	3	6	0	0	3	6	0	0
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	0	0	2	4
Georgia	2	4	0	0	2	4	0	0
Idaho	36	97	0	2	36	99	19	53
Illinois	16	46	2	0	16	46	4	11
Indiana	1	1	0	0	1	1	2	5
Iowa	4	13	0	0	4	13	2	5
Kansas	10	28	1	0	10	29	2	6
Kentucky	1	2	0	0	1	2	0	0
Louisiana	1	3	0	0	1	3	0	0
Maine	2	5	0	0	2	5	0	0
Maryland	1	2	0	0	1	2	1	2
Massachusetts	1	2	9	1	1	12	2	6
Michigan	7	20	0	0	7	20	4	8
Minnesota	7	15	0	0	7	15	2	8
Mississippi	0	0	0	0	0	0	0	0
Missouri	12	26	0	1	12	27	0	0
Montana	25	59	0	0	25	59	12	38
Nebraska	5	17	1	0	5	18	3	6
Nevada	51	150	0	0	51	150	19	51
New Hampshire	0	0	0	0	0	0	0	0
New Jersey	5	20	1	2	5	23	5	13
New Mexico	6	13	0	0	6	13	0	0
New York	11	25	4	0	11	29	8	24
North Carolina	1	2	0	0	1	2	0	0
North Dakota	2	4	0	0	2	4	2	4
Ohio	56	127	0	0	56	127	6	17
Oklahoma	8	17	0	0	8	17	0	0
Oregon	13	27	0	0	13	27	10	27
Pennsylvania	7	24	0	0	7	24	4	6
Rhode Island	1	4	0	0	1	4	0	0
South Carolina	0	0	0	0	0	0	0	0
South Dakota	2	6	0	0	2	6	2	6
Tennessee	0	0	0	0	0	0	0	0
Texas	19	72	0	0	19	72	5	8
Utah	730	2215	0	3	730	2219	351	1262
Vermont	1	2	0	0	1	2	0	0
Virginia	3	11	0	0	3	11	0	0
Washington	14	39	0	0	14	39	15	38

(2) Travel report continued.

West Virginia	:	0 :	0 :	0 :	0 :	0 :	0 :	0 :	0 :
Wisconsin	:	4 :	10 :	0 :	0 :	4 :	10 :	3 :	6 :
Wyoming	:	29 :	75 :	0 :	0 :	29 :	75 :	9 :	25 :
Alaska	:	1 :	2 :	0 :	0 :	1 :	2 :	0 :	0 :
Canada	:	7 :	12 :	0 :	0 :	7 :	12 :	3 :	8 :
Hawaii	:	1 :	2 :	0 :	0 :	1 :	2 :	1 :	2 :
Japan	:	0 :	0 :	1 :	0 :	0 :	1 :	0 :	0 :
South America	:	1 :	2 :	0 :	0 :	1 :	2 :	1 :	2 :
Denmark	:	0 :	0 :	1 :	0 :	0 :	1 :	0 :	0 :
TOTAL		2065 :	5557 :	21 :	10 :	2065 :	5556 :	720 :	2193 :

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

Travel report

Zion National Park for the month of January 1931.

	1931		1930		1929		
	This	To Date	This	To Date	This	To Date	Percentages
	Month	Year	Month	Year	Month	Year	Inc.
							Dec.
<u>PRIVATE TRANSPORTATION:</u>							
Cars first entry .....	306	2063	79	646	71	540	287.3%
Cars reentry .....	0	0	19	74	13	164	
Motorcycles .....		2	0	0	0	0	
<b>Total motor vehicles .....</b>	<b>306</b>	<b>2065</b>	<b>98</b>	<b>720</b>	<b>84</b>	<b>706</b>	<b>196.8%</b>
Persons entering via motor vehicles .....	861	5535	316	2192	204	2063	172.1%
Persons entering via other private transportation ...	0	2	0	0	0	0	
<b>Total persons entering via private transportation ...</b>	<b>861</b>	<b>5537</b>	<b>316</b>	<b>2192</b>	<b>204</b>	<b>2063</b>	<b>183.7%</b>
<u>OTHER TRANSPORTATION:</u>							
Persons entering via stages:	1	21	2	9	0	41	133.3%
Persons entering otherwise :	2	10	0	2	1	12	
<b>Total other transportation :</b>	<b>3</b>	<b>31</b>	<b>2</b>	<b>11</b>	<b>1</b>	<b>53</b>	<b>161.8%</b>
<b>GRAND TOTAL ALL VISITORS :</b>	<b>864</b>	<b>5568</b>	<b>318</b>	<b>2193</b>	<b>205</b>	<b>2116</b>	<b>183.6%</b>

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WEATHER REPORT FOR THE MONTH OF JANUARY 1931.  
AT SPRINGDALE.

TEMPERATURE:

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Mean Maximum .....	50 plus
Mean Minimum .....	27 plus
Mean .....	39
Maximum .....	70 date 29th
Minimum .....	16 date 10-18-19

PRECIPITATION:

Total .....	1.01 inches
Greatest in 24 hours .....	.53 date 31st

Number of days-

with .01 inch or more precipitation / 4  
Clear 16; partly cloudy, 4; cloudy 11.

Harold Russell  
Observer

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 UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
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STATUS OF PERSONNEL

ZION-BRYCE CANYON National Park for the Month of JANUARY, 1931.

	This Month	This Month Last Year
Number of employees beginning of month,	16	7
Number of additions, . . . . .	11	2
Total, . . . . .	27	9
Number of separations, . . . . .	14	2
Number of employees close of month, . . . . .	13	7

Number of promotions during month One

Aggregate amount of annual leave taken, None

Aggregate amount of sick leave taken, None

Aggregate amount of leave without pay, None

STATUS OF APPROPRIATIONS.

January 31, 1931.

	<u>Amount</u>	<u>Expended</u>	<u>Balance</u>
49/0405 Emerg. Recon & FFF 1929-30	19,315.91	19,315.31	.60
40/1405 Emerg. Recon & FFF 1930-31	1,800.00	1,474.28	325.72
40/1415 Bryce Canyon NP 1930-31	13,008.00	10,461.53	2,546.56
40/1435 Zion Natl Park 1930-31	32,270.00	23,967.52	8,302.48
4x435.15 Roads & Trails (Bryce)	15,300.00	15,231.03	1,068.97
4x435.35 Roads & Trails (Zion)	1432,943.30	1411,799.09	21,144.21
41435.1 Roads & Trails, Emerg. Recon.	360,000.00		360,000.00