

June 1929

July 12, 1929.

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 June, 1929.

000 General. The past month has been practically normal as far as temperatures are concerned, but the precipitation amounted to only about half the usual amount. This entire country is now as dry as tinder. If we had any serious fire protection problems it would no doubt be causing us considerable worry. However, we are keeping very close watch for brush fires which may start on the floor of Zion Canyon.

100 Administration.

110 Status of work. Practically all work is up to date.

120 Park inspections by

121 Superintendent. During the month I made general inspections over the Zion park area, including the Zion-Mount Carmel highway, narrows footpath, and other points in the valley. I also made two trips to Bryce Canyon National Park for inspection purposes and also for the purpose of going over the proposed boundary extensions with Mr. Rutledge. In accordance with your instructions I also made one trip to Lees Ferry to be present at the dedication of the new bridge at that point.

124 Other Interior Department officers. During the period from June 24 to June 29 Mr. H. E. Williams, field representative of the Secretary of the Interior was in the park getting data relative to our needs.

130 Finance and accounts. Statement is attached.

150 Equipment and supplies. During the month there was received one new Ford light delivery truck. There was also received a total of 12,500 gallons of road oil to be used in oiling the roads and trails in Zion Park.

200 Maintenance, Improvements and New Construction.

210 Maintenance. Regular maintenance work was carried on during the month

on the roads, trails and buildings. The only special feature was the oiling of approximately 1.5 miles of park road for dust prevention. We purchased a total of 6,000 gallons of oil at a cost of 5 cents per gallon placed on the road. Due to the fact that there are some oil wells located at Virgin City, 14 miles below the park, we are able to buy crude oil of a fairly satisfactory standard very cheaply. During the month of July it is proposed to oil other sections of the main highway up the canyon.

250 New construction. The main construction feature from the Park Service standpoint was the continuation of construction of the Narrows Footpath. The trail has been graded and the work of placing the surfacing has been started. Several experimental sections which have been laid down indicate that we are going to get a very satisfactory surface on this footpath, and I feel confident that when the job is completed it will be one of the most beautiful jobs in any national park.

300 Activities of Other Agencies in the Park.

310 Public service contractors. The Utah Parks Company handled their concession in a very satisfactory manner during the month and no complaints were received at this office regarding the service or treatment by either the lodges or the transportation department.

The construction program of the operators in Zion for this year has been completed and work has been progressing rapidly on the program at Bryce Canyon. The two new 150,000 gallon redwood tanks have been installed and are now in operation. Satisfactory progress has been made on construction of the five new 4-room de luxe cabins and also on the installation of the new Diesel unit at the power plant. During the month an analysis of the water supply showed some contamination in the Bryce system and I went over the project with officials of the Union Pacific. We made some changes in the way in which water has been handled from the spring to their pump house outside the park, and a subsequent test of the water showed that all presence of contamination had been eliminated.

320 Cooperation of governmental agencies. The U. S. Bureau of Public Roads continued their work on the Zion-Mount Carmel highway during the month, and Mr. R. T. Evans, of the U. S. Geological Survey, accomplished a great deal of work in making the topographic map of Zion Canyon. At Bryce Canyon I went over the proposed extension of the park boundary lines which involved lands in the Powell National Forest, with Mr. Rutledge, district forester, and Mr. Riddle, forest supervisor, and found them in agreement with the essential details of this proposition.

400 Flora, Fauna and Natural Phenomena.

410 Ranger, naturalist and guide service. During the month a total of 2,050 persons attended the 71 lectures given by the park naturalist, 545 persons participated in the 21 field trips, and 1,578 persons visited the museum. A total of 56 publications was sold at the information office. Two rangers were on duty at the park checking station and one at the information office. At Bryce Canyon one ranger was on general patrol work looking after the public auto camp, traffic control, information service, etc. This is the only ranger assigned to Bryce Canyon at present. The chief ranger carried on

his usual inspections in Zion Canyon and also made three trips to Bryce during the month to look over trail improvements, make up list of signs needed and look after general ranger work. He also made tests of water and supervised operations of the sewer plants at both Bryce and Zion.

470 Animals. During the month several deer were noticed on the floor of the canyon and one evening two does grazed for about an hour on the park in front of Zion Lodge. One deer was found dead and there is every indication that it died a natural death.

500 Use of Park Facilities by the Public.

510 Increase in travel. After getting away to a slow start early in the season, travel to Zion took a decided jump during the month of June and we finally finished the month with an increase of 40 per cent over last year. No doubt the greater proportion of the increase was due to increasing interest in the park, but the dedication of the Lees Ferry Bridge caused very heavy travel through here for several days. The total travel to Zion was 6,975 people, of whom 5,760 entered in 1,814 motor vehicles. Stages of the Utah Parks Company accounted for 1,215 persons. The increase in travel amounted to 2,080 over June a year ago, or 40 per cent. Auto travel increased 56 per cent and rail travel 69 per cent. Visitors were registered from 46 states, Canal Zone, Alaska and ten foreign countries. California led in the number of entries with 2,442. The total number of visitors for the season to date amounted to 13,464, compared with 12,274 last year. The heavy travel during June wiped out our deficit for winter travel and gave us a good start on another record breaking total for the season.

The total travel to Bryce Canyon was 4,363 persons during June, of whom 3,300 entered in 1,320 private automobiles, while 1,063 entered via stages of the Utah Parks Company. The total number of visitors to Bryce for the season amounts to 6,909. Comparisons with previous months cannot be made since no travel records were kept at Bryce last year.

520 General Weather Conditions. During the first half of the month the weather was rather cool for the season of year, but during the latter half, in common with other sections of the United States, abnormal temperatures prevailed. The mean temperature for the month was 76, which is exactly normal. The maximum was 104 on the 25th and the minimum 49 on the 2nd. The total precipitation at Springdale amounted to .005 inch, and at the museum in the park to .13 inch. Based on a 24-year record, the total amount was only about one-fourth of the normal. There were 15 clear, 4 partly cloudy, and 11 cloudy days.

540 Visitors.

- 1 H. E. Williams, field assistant to the Secretary of the Interior.
- 2 Branson DeCou, nationally known lecturer, who was in the park making photographs and gathering material for his work.
- 3 John Kibel, well known photographer of outdoor subjects.
- 4 Alfred Pitman, editor of the Union Pacific Magazine.
- 5 George A. Rule, Mason City, Iowa, one of the most enthusiastic of Park Service supporters.
- 6 Mr. Jefferies, vice president in charge of operations, Union Pacific System.

On June 26 a party of the American Society of Mechanical Engineers, numbering about 100 persons, entered the park, and as a mark of special attention they were allowed to visit the tunnel on the Zion-Mount Carmel Highway.

600 Protection.

620 Fire protection. During the month one small fire was started along the highway line of the Zion-Mount Carmel road near the east boundary of the park. The fire destroyed a few hundred square feet of oak brush and burned five yellow pine trees. It is not known whether these were injured severely enough to die. It is thought that the fire was probably due to carelessness of some workmen in throwing a match or cigarette stub away.

This concludes my report.

Sincerely yours,

E. T. Scoyen,
Superintendent.

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
HIGH NATIONAL PARKS, UTAH

TRAVEL REPORT BY STATES FOR THE MONTH OF JUNE, 1939

State	Days	Passengers	Stage	Miscellaneous	Total Passengers
Alabama.....	1	2	0	0	2
Arizona.....	22	35	0	0	35
Arkansas.....	1	3	0	0	3
California.....	799	2240	202	0	2442
Colorado.....	46	158	5	0	163
Connecticut.....	2	4	19	0	23
Dist. Columbia.....	3	9	6	0	15
Delaware.....	1	1	6	0	7
Florida.....	3	6	5	0	9
Georgia.....	1	3	0	0	3
Idaho.....	22	100	2	0	102
Illinois.....	26	69	105	0	174
Indiana.....	9	21	9	0	30
Iowa.....	17	54	25	0	79
Kansas.....	11	34	14	0	48
Kentucky.....	3	7	3	0	10
Louisiana.....	2	7	0	0	7
Maine.....	0	0	3	0	3
Maryland.....	0	0	123	0	123
Massachusetts.....	5	15	41	0	56
Michigan.....	14	37	27	0	64
Minnesota.....	11	34	3	0	37
Missouri.....	4	10	5	0	15
Montana.....	17	53	1	0	54
Nebraska.....	16	49	39	0	88
Nevada.....	21	67	3	0	70
New Hampshire.....	0	0	1	0	1
New Jersey.....	3	9	59	0	68
New Mexico.....	10	29	2	0	31
New York.....	19	45	130	0	181
North Carolina.....	1	3	4	0	7
North Dakota.....	2	7	0	0	7
Ohio.....	21	60	58	0	118
Oregon.....	14	41	4	0	45
Pennsylvania.....	12	38	87	0	125
Rhode Island.....	2	4	6	0	10
South Dakota.....	10	29	0	0	29
Tennessee.....	4	15	3	0	19
Texas.....	13	40	2	0	42
Utah.....	500	2188	120	5	2313
Vermont.....	0	0	3	0	3
Virginia.....	0	0	10	0	10
Washington.....	20	31	13	0	44
West Virginia.....	1	2	6	0	8
Wisconsin.....	7	17	27	0	44
Wyoming.....	21	67	0	0	67

DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE
 SICH NATIONAL PARK, UTAH

TRAVEL REPORT BY STATES FOR THE MONTH OF JUNE, 1939

State	Cars	Passengers	Stops	Accommodations	Total Expenses
British Columbia	4	12	0	0	12
Canada	5	10	10	0	20
Japan	1	2	0	0	2
Lower St.	0	0	2	0	2
Philippine Islands	1	2	0	0	2
Hawaii	0	0	1	0	1
England	0	0	2	0	2
Caral Seas	1	2	0	0	2
Germany	0	0	5	0	5
Alaska	1	2	0	0	2
Italy	0	0	0	1	1
Central America	0	0	1	0	1
Sweden	0	0	5	0	5
TOTAL	14	27	13	0	67

U. S. DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE
 BRUCE CANYON NATIONAL PARK, UTAH

TRAVEL REPORT FOR THE MONTH OF JUNE, 1929

	This Month	This travel year	This month last year	Last travel year
<u>PRIVATE TRANSPORTATION:</u>				
Cars first entry	1530	1495		
Cars re-entry				
Motorcycles				
 Total Motor Vehicles		 1495		
 Persons entering via motor vehicles	 5300	 5654		<u>ALL PASSED HERE</u>
Persons entering via motorcycles				
 Total persons entering via motor vehicles		 5654		
<u>OTHER TRANSPORTATION:</u>				
Persons entering via stages (or rail)	1033	1215		
Persons entering otherwise		2		
 Total other transportation		 1215		
 GRAND TOTAL OF ALL VISITORS		 6869		

U.S. DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE
 ZION NATIONAL PARK, UTAH.

MONTHLY TRAVEL REPORT FOR THE MONTH OF JUNE 1929.

	This Month	This Travel Year	This Month Last Year	Last Travel Year	Increase	
					Number	Percent
<u>PRIVATE TRANSPORTATION:</u>						
Cars first entry	1704	3251	1233	3130	471	38%
Cars re-entry	110	480	38	257	72	189%
Motorcycles	4	6	2	11	2	100%
<u>TOTAL MOTOR VEHICLES:</u>	1814	3735	1273	3398	541	42% plus
Persons entering via motor vehicles	5756	12026	4234	11355	1522	36%
Persons entering via motorcycles	4	6	0	0	4	
<u>TOTAL PERSONS ENTERING VIA PRIVATE TRANSPORTATION</u>	5760	12032	4234	11355	677	5% plus
<u>OTHER TRANSPORTATION:</u>						
Persons entering via rail (Stage).	1209	1409	704	881	505	71%
Persons entering otherwise	6	23	11	38	5	
<u>TOTAL OTHER TRANSPORTATION</u>	1215	1432	715	919	510	69% plus
<u>GRAND TOTAL OF ALL VISITORS</u>	6975	13464	4949	12274	2026	40%

U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
ZION NATIONAL PARK, UTAH.

WEATHER REPORT ZION NATIONAL PARK FOR JUNE 1936.

TEMPERATURE:

Mean Maximum 92 plus
Mean 56 plus
Maximum 104 on the 25th
Minimum 45 on the 4 th.

PRECIPITATION:

Total 13 inches.
Greatest in 24 hours 13 on 15th.
Days with .01 or more precipitation one.
Clear 14. Partly Cloudy 4. Cloudy 11.

AT SPRINGDALE:

TEMPERATURE:

Mean Maximum 91.
Mean Minimum 61.
Mean 76.
Maximum 104 on the 25th.
Minimum 40 on the 2nd.

PRECIPITATION:

Total05 inches
Greatest in 24 hours 13 on the 15th.
Days with .01 or more precipitation one.
Clear days 15. Partly Cloudy Days 4. Cloudy Days 11.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

	Number	Value
<u>GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month,	69	\$ 69.00
Received during month,	00	00.00
Total,	69	\$ 69.00
Sold during month,	40	40.00
On hand at close of month,	29	\$ 29.00

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,		none
Sales during month,		\$ 40.00
Total,		40.00
Remitted during month,		40.00
Balance,		none

STATUS OF APPROPRIATIONS

JUNE 1929

	<u>Allotment</u>	<u>Expended</u>	<u>Balance</u>
<u>48/9435 Zion National Park, 1928-29</u>			
Previously reported	40,675.00	35,551.07	5,123.93
Transactions during month	-----	3,124.77	3,124.77
Status at end of month	40,675.00	38,675.84	1,999.16
<u>49/0435 Zion National Park, 1929-30</u>			
Previously reported	36,645.00	520.28	36,124.72
Transactions during month	-----	668.74	668.74
Status at end of month	36,645.00	1,189.02	35,455.98
<u>49/0416 Bryce National Park, 1929-30</u>			
Previously reported	23,795.00	219.66	23,575.34
Transactions during month	-----	725.00	725.00
Status at end of month	23,795.00	944.66	22,850.34
<u>4X 436 Roads and Trails, Zion National Park.</u>			
Previously reported	1,494,446.13	955,702.54	538,743.59
Transactions during month	RE 10,746.13	47,760.79	58,506.92
Status at end of month	1,483,700.00	1,003,463.33	480,236.67
<u>4X436 Roads and Trails, Bryce Park.</u>			
Previously reported	5,500.00	-----	5,500.00
Transactions during month	-----	-----	-----
Status at end of month	5,500.00	-----	5,500.00
<u>48405 Emergency Reconstruction</u>			
Status at end of month	1,666.75	1,192.15	474.60

10-159
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE

STATUS OF PERSONNEL

..... National Park for the Month of
 SION JUNE 1929

	This Month	This Month Last Year
Number of employees beginning of month,		
Number of additions,	47	27
Total,	22	11
Number of separations,	69	38
Number of employees close of month,	12	15
	57	23
Number of promotions during month	1	None
Aggregate amount of annual leave taken,		
Aggregate amount of sick leave taken,	None	None.
Aggregate amount of leave without pay,	None	None
	None	None.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

ZION-BRYCE CANYON National Park for the Month of JUNE, 1929

	This Year	Last Year
Park revenue on hand beginning of month,	0.0	0.0
Received,	673.00	617.00
Total,	673.00	617.00
Remitted,	673.00	617.00
On hand close of month,	0.0	0.0

Park revenues received this year to date,	3,768.50	
Park revenues received last year to date,	3,096.50	
Increase,	763.00	
Percent of increase,	25%	

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

..... National Park for the Month of JUNE 1929

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
Water System ²	100	1	0	
Chief Clerk's Residence	99	0	0	July 1st
Camp Ground Improvement	100	70	5	
Hidden Canyon Trail	99	0	0	Indef.
Narrows Trail	85	15	60	August 1st.
Superintendent's Residence	5	0	0	August 1st.
Barn & Corral	10	5	5	August 1st.
Checking Station South Entrance	95	93	2	August 1st.

U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
ZION NATIONAL PARK, UTAH.

WEATHER REPORT ZION NATIONAL PARK FOR JUNE 1933.

TEMPERATURE:

Mean Maximum 92 plus
Mean 56 plus
Maximum 104 on the 25th
Minimum 45 on the 4 th.

PRECIPITATION:

Total13 inches.
Greatest in 24 hours 15 on 13th.
Days with .01 or more precipitation ONE.
Clear 14. Partly Cloudy 4. Cloudy 23 11.

AT BEHRENDALE:

TEMPERATURE:

Mean Maximum 91.
Mean Minimum 61.
Mean 76.
Maximum 104 on the 25th.
Minimum 40 on the 2nd.

PRECIPITATION:

Total05 inches
Greatest in 24 hours13 on the 15th.
Days with .01 or more precipitation ONE.
Clear days 15. Partly Cloudy Days 4. Cloudy Days 11.