

ZIDN 1156/02-07 SUPERINTENDENT'S MONTHLY REPORTS 1929 - July

July 1929

August 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 July, 1929.

000 GENERAL.

The past month has been very warm and the precipitation has been slightly below normal. However, in general conditions have been very satisfactory from the operations standpoint.

100 Administrative.

110 Status of work. Mr. Fred L. Conner, supervisor of field accounts, arrived in the park on July 27 and certain matters relating to the park accounts will soon be put in shape, and when this is done all park work will be up to date. We are somewhat behind in the payment of our bills due to the fact that there was a shortage of disbursing officer's checks, but this is a matter which can be remedied in a short time.

120 Park inspections by

121 Superintendent. During the month I made frequent inspections of the valley area in Zion National Park, and also made two trips to Bryce where I spent several days on inspections and looking over the progress of work. During the period from July 22 to 23 I was absent on a trip to Boise, Idaho, where I attended the meeting of the Regional Forest Protection Board for this district. This was one of the most interesting meetings I have ever attended and I have already forwarded you a special report on the matter.

122 Special field representatives. Mr. Fred L. Conner, supervisor of field accounts, was in the park, as was also Mr. Vint, chief landscape architect, and Mr. Langley, his assistant. Mr. Vint and Mr. Langley also made inspections in Bryce Canyon.

130 Finance and accounts. Statement is attached.

150 Equipment. The major items of new equipment received consisted of one Buick sedan, authorized under the 1930 appropriation, and three electric refrigerators for use in employees' residences in Zion Park.

170 Plans, maps and surveys. Work is now in progress of making a topographic map of the development area on the rim of Bryce Canyon, and it is hoped that we can make very definite plans for development of this area during the coming winter when we have this map completed.

180 Circulars, publicity bulletins, etc. One publicity bulletin was issued during the month relative to park travel.

200 MAINTENANCE, IMPROVEMENTS AND NEW CONSTRUCTION.

210 Maintenance. The chief maintenance feature during the month was the oiling of an additional three miles of the canyon road for dust prevention. We were again able to get a very cheap price of five cents per gallon for this oil in place, and our road from the park entrance to a point beyond the public auto camp is now entirely dustless.

Two men were kept constantly at work maintaining the east and west rim trails, and other items of maintenance were carried on as needed.

230 New construction. During the month work was started on construction of the new horseback trail into Bryce Canyon and also on the foot trail system which is being developed under the rims at Bryce. Work was also being rushed on the two comfort stations and the checking station, and during the visit of Mr. Vint definite location was made for the custodian's residence, on which work will be started in the near future.

In Zion National Park the most important construction project from the park standpoint was the Narrows Footpath. With the exception of a few short sections this project was practically completed by the end of the month. Mr. Underwood, architect for the Union Pacific System, thought it was the most beautiful gravel footpath he had ever seen. The job was also inspected by Mr. Carl Gray, President of the Union Pacific, and he was greatly pleased with the way in which we had solved this problem. The path is five feet wide and winds up in Zion Canyon in a very informal manner, and we are all very proud of the way in which this job has been carried on. The details of its location from the landscape standpoint were approved by Mr. Vint during his recent visit. It is expected that all work on this project will be completed in August.

Work on Section 3 of the Zion-Mount Carmel highway was completed and the project accepted from the contractor, and the road is now ready for surfacing. Although the general public is rigidly excluded from this highway, park officials have been using this road frequently in going back and forth to Bryce Canyon, and we have been able to save a great deal of time thereby. On Section 3 deep sand makes travel difficult in places but as a rule we are able to get over the highway with very little trouble.

During the month work was started on the contract for additional timbering, reinforcing and surfacing in the tunnel, and some equipment for placing the oil process surfacing on Section 1 was on the ground. Progress on these jobs should be very noticeable during August.

Bids have been advertised for the two bridges over the Virgin River and Pine Creek, to be opened in Ogden, Utah, on August 20. With the exception of the surfacing contract on Section 3, this will be the final contract on the Zion-Mount Carmel project.

240 Improvement of approaches to the park. During the month the Utah State Road Commission finished their oil process oiling job from Cedar City 24 miles south to the Ash Creek bridge. They also sprinkled oil on the road from Virgin to the Zion Park boundary. At present only about nine miles of the total 64 miles of the approach road from Cedar City to Zion is subject to the dust nuisance.

260 Landscape work. One of the most interesting projects from the landscape standpoint was outlined by Mr. Vint at Bryce Canyon. Under our plans for development of foot trails under the rim of this canyon, we plan on having three trails entering the canyon. We have been giving a great deal of time to the study of how to bring these trails out on the rim without defacing the landscape. It was finally decided that we would probably have to build three stairways down over the cliff to carry out our plan although this did not appear satisfactory to me, but appeared to be the best solution to the problem. However, Mr. Vint went to look over the problem and proposed a very interesting thing of using only one stairway, then carrying the trails along underneath the rim, and by the construction of two short tunnels we will be able to develop our footpaths fully and at the same time they will be practically invisible from the rim of the canyon. Help of this kind from field officers is very much appreciated.

300 ACTIVITIES OF OTHER AGENCIES IN THE PARK.

310 Public service contractors. The Utah Parks Company rendered their usual high grade service to the public. Three minor complaints were received but as these involved things which can be easily corrected there will be no trouble from the same source again.

400 FLORA, FAUNA, AND NATURAL PHENOMENA.

410 Ranger, naturalist and guide service. During the month two rangers were kept constantly on checking duty at the south entrance to Zion Park, one ranger was assigned to the museum and information office at the public auto camp, and the chief ranger attended to general outside work. At Bryce Canyon one ranger attended to general police supervision of the park.

On the first of the month Mr. J. W. Thornton was given an appointment as ranger-naturalist and was assigned to duty under Mr. Woodbury. As a result of this appointment we were able to start two guide trips per day from the Temple of Sinawava to the Narrows, one leaving the Temple at 9:00 AM, used mostly by auto tourists, and the other leaving at 4:00 o'clock, primarily for bus passengers of the Utah Parks Company. In addition four lectures were given daily, two at the Temple of Sinawava, one at the public auto camp, and one at Zion Lodge. At Bryce Canyon one ranger-naturalist was employed and he conducted two parties daily along the rim of the canyon, and also delivered a lecture in the lodge at night. Due to the fact the lodge is very close to

the public auto camp, campers were invited to attend the lodge lecture and no special service was established at the auto camp.

Although it is hardly possible we will be able to sell as many sale publications as some of the larger National Parks, we are trying very hard to sell more National Park Portfolios per visitor than any other park. During the month to a total of 8,546 visitors we were able to sell 100 portfolios, which I consider a very good record. We have also placed an order for 70 copies of the National Parks issue of American Forests and Forest Life and intend to dispose of all of these and probably more if the sales prove good.

During the month there was a total of 45 field trips made and a total of 1,357 people availed themselves of this service. 94 lectures were given to a total of 4,574 people, and 2,990 people visited the park museum and information office. A total of 133 publications were sold, from which \$176.50 was collected.

At Bryce Canyon National Park there was a total of 61 field trips, attended by 2,595 people. 31 lectures were given to a total of 5,804 persons.

The total number of persons served during the month were 9,082 at Zion and 7,799 at Bryce, making a total of 16,881 persons reached by our educational activities during the month.

500 USE OF PARK FACILITIES BY THE PUBLIC.

All records for July travel to Zion Park were broken during the month when 8,546 persons entered Zion Park, an increase of 21 per cent over the same period a year ago. Visitors were registered from every state in the union, District of Columbia, Philippine Islands, Canal Zone, Alaska, Hawaii, and seven foreign countries. Of the total travel, 1723 entered on busses of the Utah Parks Company, an increase of 16 per cent over July a year ago, and 6,763 came in 2,141 motor vehicles, and increase of 28 per cent.

At Bryce Canyon there was a total of 6,291 visitors, of whom 1,458 came by bus and 4,833 in 1,379 motor vehicles. As no checking station is maintained at Bryce the travel figures are approximate.

520 General Weather conditions. As stated before, the month was 4 degrees above normal from the temperature standpoint. The total precipitation of 1.15 inches was .06 inch below normal. Practically all of the rain fell in the last few days of the month. The highest temperature was 105 on the 3rd, and the lowest 62 on the 25th. There were 7 days with precipitation, 6 clear, 2 partly cloudy, and 21 cloudy days. During the period from the 23th to the end of the month heavy rains over southern Utah made roads practically impassable at times. On the 27th a cloudburst in the Bryce Canyon area delayed bus transportation of the Utah Parks Company four hours and washed out a section of the Red Canyon road on the main approach highway to the park. These rains continued practically daily until the end of the month and did a great deal of damage to highways throughout southern Utah, especially in the Sevier River Valley. As a result of these storms there was a decided slackening of travel during the last few days of the month.

540 Visitors. On the 11th Mr. Carl H. Gray, president, Mr. Robinson, vice president in charge of traffic, Mr. Robertson, Mr. Adams, and Mr. Knickerbocker, from the railroad offices in Los Angeles, all of which is in the Union Pacific System, were in the park, arriving at Bryce on the 18th and remaining until the 10th.

Mr. Nathan H. Coffin, who had a letter of introduction from Congressman Dowell of Iowa, was in the park on July 20.

During the month I met a large number of very interesting people at both Zion and Bryce.

600 PROTECTION.

610 Police protection. There were practically no troubles from this standpoint during the month. However, we are having some trouble in educating local residents in the proper use of trails in the Bryce Canyon area. These people are not used to horseback trails worked out on an even low per cent grade, and during the month we have had to reprimand several for cutting across switchbacks on the trails, thereby destroying the embankments. However, this is more a matter of education than police protection and we will no doubt be able to solve the problem in time.

620 Fire protection. One fire occurred during the month in the Oak Creek section of Zion park. So far as I know, it is the first fire on record to be reported as starting from a landslide. Mr. Evans, topographic engineer of the Geological Survey, was mapping on the south side of the Oak Creek canyon and noticed a small landslide off the north wall. As soon as the rocks stopped rolling there was a sudden puff of smoke and soon a fire was blazing among the brush. No doubt the friction of the rolling stones caused the fire.

This concludes my report.

Sincerely yours,

E. T. Scoyen,
Superintendent.

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

TRAVEL REPORT BY STATES FOR THE MONTH OF JULY, 1939

State	Cars	Passengers	Stage	Miscellaneous	Total Passengers
Alabama.....	1	1	3		4
Arizona.....	39	39	0		39
Arkansas.....	2	7	0		7
California.....	346	2327	145		2472
Colorado.....	44	117	5		122
Connecticut.....	2	7	53		62
Dist. Columbia..	7	22	13		32
Delaware.....	0	0	0		0
Florida.....	1	2	4		6
Georgia.....	4	12	1		15
Idaho.....	19	60	0		60
Illinois.....	52	154	113		272
Indiana.....	5	12	25		37
Iowa.....	20	71	25		96
Kansas.....	16	50	6		56
Kentucky.....	3	9	11	1	21
Louisiana.....	0	0	0		0
Maine.....	2	5	9		14
Maryland.....	5	15	25		35
Massachusetts....	15	39	237		286
Michigan.....	27	77	42		119
Minnesota.....	11	34	6	1	41
Mississippi.....	2	5	0		5
Missouri.....	20	68	31		99
Montana.....	13	39	0		39
Nebraska.....	25	79	26		105
Nevada.....	29	82	4		86
New Hampshire....	0	0	10		10
New Jersey.....	37	44	31		122
New Mexico.....	4	11	0		11
New York.....	39	102	453	2	554
North Carolina..	0	0	6		6
North Dakota....	4	10	0		10
Ohio.....	33	114	31		205
Oklahoma.....	10	30	1		31
Oregon.....	29	43	3		56
Pennsylvania....	29	67	164		271
Rhode Island....	0	0	11		11
South Carolina..	0	0	0		0
South Dakota....	4	12	1		14
Tennessee.....	3	12	5		17
Texas.....	26	79	2		81
Utah.....	632	2641	67	1	2700(2709)
Vermont.....	0	0	1		1
Virginia.....	2	7	10		17
Washington.....	23	22	4		36
West Virginia...	2	5	4		9
Wisconsin.....	13	37	32		69
Wyoming.....	7	25	1		26

DEPARTMENT OF THE INTERIOR
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 ZION NATIONAL PARK, UTAH

TRAVEL REPORT BY STATES FOR THE MONTH OF JULY, 1929

State	Cars	Passengers	Stage	Miscellaneous	Total Passengers
Philippine Isles:	1	4	0		4
Java	0	0	1		1
Mexico.....	1	2	0		2
Canada.....	6	25	0		25
Hawaii.....	1	2	0		2
Holland.....	0	0	2		2
England.....	0	0	1		1
West Indies.....	0	0	1		1
Austria.....	0	0	1		1
Central zone.....	1	7	0		7
Alaska.....	2	4	0		4
Hungary.....	0	0	1		1
<hr/>					
Motorcycle:	214 39	6760	1778	5	8543
Utah.....	2	5	0		5
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	214 2091	6765	1778	5	8548

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TRAVEL REPORT

Big Bend Canyon

National Park for the Month of

JULY, 1929

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Per cent

PRIVATE TRANSPORTATION:

Cars first entry.	1979	3105			
Cars reentry.					
Motorcycles.					
Total motor vehicles.	1979	3105			
Persons entering via motor vehicles.	4055	10897		NO RECORD 1927	
Persons entering via other private transportation.					
Total persons entering via private transportation.	4055	10897			

OTHER TRANSPORTATION:

Persons entering via stages . . .	1450	2991			
Persons entering via trains . . .					
Persons entering otherwise. . . .	2	2			
Total other transportation. . . .	1452	2993			
GRAND TOTAL ALL VISITORS. . . .	6501	13890			

	This Year	Last Year	Increase	
			Number	Per cent

Automobiles in public camps during month
 Campers in public camps during month

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TRAVEL REPORT

Z I O N. National Park for the Month of J U L Y, 1929.

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Per cent
<u>PRIVATE TRANSPORTATION:</u>						
Cars first entry.	1727:	4978:	1618:	4748:	109:	7%
Cars reentry.	412:	792:	51:	508:	361:	707%
Motorcycles.	2:	6:	2:	15:		
Total motor vehicles.	2141:	5776:	1617:	5069:	470:	28%
Persons entering via motor vehicles.	6760:	18786:	5515:	16870:	1245:	22%
Persons entering via other private transportation.	5:	9:	11:	49:		
Total persons entering via private transportation.	6765:	18795:	5517:	16919:	1246:	22%
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages	1778:	3197:	1528:	2409:	250:	17%
Persons entering via trains						
Persons entering otherwise.	5:	22:	9:			
Total other transportation.	1783:	3219:	1537:	2409:	246:	16%
GRAND TOTAL ALL VISITORS.	8546:	22010:	7054:	19528:	1492:	21%

	This Year	Last Year	Increase	
			Number	Per cent

Automobiles in public camps during month	680	712	210	107%
Campers in public camps during month	2525	2455		

WEATHER REPORT
For the month of July 1929, at Zion National Park

TEMPERATURE.

Mean Maximum.....	96 plus
Mean Minimum.....	73 plus
Mean.....	84½
Maximum.....	105 on the 2
Minimum.....	62 on the 25

PRECIPITATION.

Total.....	1.65 inches
Greatest in 24 hours.....	.77 inches on the 31
Number of days- With .01 inch or more precipitation	7
Clear 8 Partly cloudy 2 Cloudy 21	

AT SPRINGDALE UTAH

TEMPERATURE.

Mean Maximum.....	96 minus
Mean Minimum.....	71 minus
Mean.....	84
Maximum.....	104 on the 2
Minimum.....	63 on the 9

PRECIPITATION

Total.....	1.15 inches
Greatest in 24 hours.....	.37 inches on the 27
Number of days- With .01 inches or more precipitation	6
Clear 6 Partly Cloudy 4 Cloudy 21	

UNITED STATES
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REPORT OF SALES OF PUBLICATIONS

	Number	Value
<u>GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month,	29	\$ 29.00
Received during month,	200	200.00
Total,	229	\$ 229.00
Sold during month,	104	104.00
On hand at close of month,	125	\$ 125.00

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,	\$ 104.00
Total,	104.00
Remitted during month,	104.00
Balance,	none

STATUS OF APPROPRIATIONS

JULY 1929

	<u>ALLOTMENT</u>	<u>EXPENDED</u>	<u>BALANCE</u>
<u>48/9435 Zion National Park, 1928-29</u>			
Previously reported	40,675.00	38,675.84	1,999.16
Transactions during month	-- --	44.11	44.11
Status at end of month	40,675.00	38,719.95	1,955.05
<u>49/0435 Zion National Park, 1929-30</u>			
Previously reported	36,645.00	1,343.52	35,301.48
Transactions during month	-- --	4,623.42	4,623.42
Status at end of month	36,645.00	5,966.94	30,678.06
<u>49/0416 ZION National Park, 1929-30</u>			
Bryce			
Previously reported	23,795.00	944.76	22,850.24
Transactions during month	-- --	386.58	386.58
Status at end of month	23,795.00	1,331.34	22,463.66
<u>4x436 Roads & Trails, National Parks,</u>			
Zion National Park			
Previously reported	1,483,700.00	1,003,463.33	480,236.67
Transactions during month	-- --	34,647.30	34,647.30
Status at end of month	1,483,700.00	1,038,110.63	445,589.37
<u>4x436 Roads & Trails, National Parks,</u>			
Bryce Canyon Natl. Park.			
Previously reported	5,500.00	-- --	5,500.00
Transactions during month	-- --	130.00	130.00
Status at end of month	5,500.00	130.00	5,370.00
<u>48/9405 Emergency Reconstruction and</u>			
Fighting Forest Fires			
Status at end of month	1,666.75	1,192.15	474.60

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S T A T U S O F P E R S O N N E L

ZION & BRYCE CANYON National Park for the Month of JULY 1929.

	This Month	This Month Last Year
Number of employees beginning of month,	46	19
Number of additions,	27	49
Total,	73	68
Number of separations,	28	47
Number of employees close of month, . .	45	21
Number of promotions during month _____ 0		
Aggregate amount of annual leave taken, _____ 0		
Aggregate amount of sick leave taken, _____ 0		
Aggregate amount of leave without pay, _____ 0		

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REPORT OF PARK REVENUES

ZION & BRUCE CANYON National Park for the Month of JULY, 1939.

	This Year	Last Year
Park revenue on hand beginning of month,	1332.00	00
Received,	1275.00	809.00
Total,	2607.00	809.00
Remitted,	1171.00	809.00
On hand close of month,	1436.00	00.00

Park revenues received this year to date,	5044.50
Park revenues received last year to date,	3905.50
Increase,	1139.00
Percent of increase,	29.1

5044.50
3905.50

1139.00

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STATUS OF AUTHORIZED PROJECTS

ZION AND HAYES CANYON National Park for the Month of JULY, 1939.

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
<u>Zion</u>				
Superintendent's residence	15	10	0	Oct. 1
Checking station South Entrance	100	5	95	
Barn and Corral	90	80	5	Sept. 1
Narrows Trail	95	10	15	Sept. 1
Camp Ground Sewer System	10	10	0	Oct. 1
<u>Bryce</u>				
Comfort Stations	25	25	0	Oct. 1
Checking station	10	10	0	Oct. 1
Horse Trail	90	90	0	Aug. 15
Foot Trails	5	5	0	Oct. 1