

May 1930.

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May 1930

June 7, 1930.

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

Dear Mr. Director:

The following is my report of operations and conditions in Zion and Bryce Canyon National Parks for the month of May, 1930.

000 General. In direct contrast to April, during which all records for heat and drought were broken, the past month of May was extreme in the opposite direction. The total precipitation of 2.32 inches is the greatest amount recorded in this section since records began in 1904, and shows an excess over the normal, of .73 inches, amounting to 1.59 inches. The mean temperature of 60 degrees is also the lowest recorded with but six exceptions.

The month has been an exceedingly busy one for all members of the Park force. The first deficiency bill carrying \$16,000 for river protection and channel change work did not pass until so late we only had approximately 50 days to complete this job before the money reverted on June 30, with the result that every truck, compressor, hoist, and other equipment and all the teams and men available in this section have been drawn onto this job. A double shift has also been in progress since May 9. Practically all other work, including construction work on the superintendent's residence, has had to be side-tracked to make way for this project. As a result of this operation, no effort has been made to open up work at Bryce Canyon, but we hope to be able to get at this early in June.

100 Administrative.

110 Status of work. As a result of the conditions mentioned above, practically all other park projects are somewhat behind schedule. As far as our office situation is concerned, the word ~~stagnant~~ hardly described the situation at the end of the month. However, additional office help will be available for June 1, and this situation will be cleared up. It is interesting to note that at present the Park is carrying allotment and cost sheets on eight different appropriations. In addition purchases and contracts have caused an unusual amount of work. To add to this condition, our correspondence has been unusually heavy.

120. Park inspections by

121 Superintendent. The Park Superintendent made frequent inspections over the valley floor and also of projects under way, both on the Zion-Mt. Camel Highway and by force account with our own forces. I also made one trip to Bryce Canyon National Park with Engineer Parker, Assistant Landscape Architect Langley, and Chief Engineer Kittredge for the purpose of working out a program of construction in this park during the coming summer.

123 National Park Service officers. Chief Engineer F. A. Kittredge arrived in the Park on the 25th, remaining in Zion until the 28th, when we went to Bryce Canyon National Park. He left on the 29th for the North Rim of the Grand Canyon.

125 Other governmental officers. District Engineer B. J. Finch and Dr. L. I. Hewes of the regional office of the Bureau spent several days in the Park and inspected all Bureau of Public Roads contract projects.

127 Other agencies. Governor George H. Dern, of Utah, was a house guest of the superintendent from the 17th to the 19th, during which time he went over work in progress and also made a horseback trip to the East Rim of the Canyon.

140 Labor situation. For the first time since I have been superintendent of this Park we have found it rather hard to keep enough labor on hand to meet our needs.

200 Maintenance, Improvements and New Construction. As before stated, practically all maintenance and improvement work, as well as most of the construction projects, received very little attention during the month.

230 New construction. Work was rushed to a maximum capacity on the river protection work near the Public Auto Camp and Zion's Lodge. Two eight-hour shifts were in operation during the greater part of the month. As a result of these efforts approximately 1,000 yards, of the 5,000 yards of rock needed for our dikes, was in place. This indicates very clearly that we will have to better our May record by at least two and one-half times in order to complete this project before funds revert on June 30.

In order to do this it will be necessary to change our quarry site to reduce the haul from the present four miles to not more than a mile, and also give us an opportunity to have room enough to triple our present quarry output. The new quarry is being opened against the advice of the Landscape Division, but in view of the many important considerations I have decided that we will have to quarry at this site in spite of their objections. A memorandum regarding this situation has been prepared and copy sent to you.

The only work in progress on the Zion-Mt. Carmel Highway is on the Virgin River and Pine Creek bridges. The Virgin River bridge has been opened to travel for the past week, although the railings have not yet been put in place.

Although progress on both of these bridges, especially the Pine Creek bridge, has been much better than the previous month, I still doubt very much if the latter will be completed by July 4--the date of the dedication of this project.

240 Improvement of approaches to park. Contractors working under the State Road Commission are now working on the Three Lakes section of U. S. 89 a few miles north of Kanab, Utah, and are also rebuilding the section from Toquerville to La Verkin. Detours maintained around these projects, especially near Kanab, have called forth a great deal of complaint on the part of Park visitors during the last two weeks.

260 Landscape work. Assistant Landscape Architect Harry Langley has been in the Park the entire month supervising work on the Zion-Mt. Carmel Highway projects, and making plans for work at both Zion and Bryce Canyon.

300 Activities of other agencies in the Park.

310 Public service contractors. Zion Lodge was opened to the public on May 13 and Bryce Canyon Lodge on May 27. Service so far has been very satisfactory.

400 Flora, fauna, and natural phenomena.

410 Ranger, naturalist and guide service. There was no naturalist or guide service available in the Park during the month. The ranger force was busy checking visitors at the Park entrance, doing police work, and one member of the force was assisting in the Park Office.

The opening of the new bridge across the Virgin River has made it necessary for us to move our Checking Station from the forks of the road back to the location where we had it last summer, and at present we have no control of any kind on the east end of the Zion-Mt. Carmel Highway and are losing many entrance fees from travelers, due to this condition. Request has already been made of your office to see if some funds cannot be found for building a Checking Station near the east park boundary, as we cannot keep complete control over traffic until we have a Checking Station in this area.

440 Insect control. The White Ash Caterpillar again made his appearance in the Park during the past month and proceeded to defoliate about one-half of our Ash Trees. At the request of the Bureau entomologist we collected a number of these caterpillars and tried to raise them into moths in order that this insect might be definitely identified. We have not yet succeeded in getting a moth. Funds should be provided next spring for control of this insect.

490 Miscellaneous. Due to the heavy rains early in the month, plant life in the Park is unusually beautiful at this time. Many varieties of wild flowers are blooming in profusion throughout the canyon, while our Columbine exhibit along the Narrows foot trail far surpasses nature's best effort along this line.

500 Use of Park Facilities by the Public.

510. During the month a total of 3,425 people entered the Park, of which all except 24 entered by private automobile. Our season total to date is 14,016, compared to 6,489 last year to date--an increase of 7,527, or 122.6 per cent. By referring to the attached classification by states, you will note that the greatest part of our increase comes from Utah; however there is indicated a very remarkable increase in the numbers of visitors from outside states comparable in proportion to the increase from Utah.

520. General weather conditions. The mean temperature during the month was 60 degrees, compared to the normal of 63.6 degrees. The highest temperature was 91 degrees on the 21st and the lowest, 33 degrees on the 8th. Total precipitation amounted to 2.32 inches, or 1.59 inches in excess of the normal for the month. The greatest amount to fall in any twenty-four hours was on the 4th when .91 inch occurred. There were 8 clear, 2 partly cloudy, and 21 cloudy days during the month.

540 Visitors. Among the visitors to the Park during the month were Mr. and Mrs. Frank E. Warren of Minneapolis, Minnesota. Both of these people are conservationists of unusual influence. Mr. Warren is a member of the Executive Committee of the Isaac Walton League of America, and both he and his wife have been for many years leading proponents of the proposed Isle Royal National Park in Lake Superior. Mrs. Warren is a very influential member of the American Federation of Women's Clubs.

600 Protection.

610 Police protection. We are already beginning to have a great deal of trouble with people who persist in writing names and initials on the galleries in the Zion-Mt. Carmel tunnel. During the month rangers very carefully erased all of these names. A few days later the names of two local people were found very prominently written on the wall of the gallery. They were promptly brought back to the Park and made to erase these inscriptions. It is hoped that this example may have some effect in the future.

This concludes my report.

Sincerely yours,

E. T. Scoyen,
Superintendent.

Nov 21, 1930

STATE	1930				1929			
	Cars	Pass.	Stage	Misc.	Total Cars	Total Pass.	Total Cars	Total Pass.
Alabama	1	1			1	1	0	2
Arizona	111	541		1	111	542	29	571
Arkansas	3	9			3	9	0	0
California	717	1005	4	1	717	1010	444	1256
Colorado	52	130			52	130	41	99
Connecticut	1	2			1	2	1	2
Dist. Columbia							3	10
Florida	4	9			4	9	2	4
Idaho	78	241			78	241	42	115
Illinois	23	62	1		23	63	8	27
Indiana	6	17	1		6	18	2	4
Iowa	12	32			12	32	6	21
Kansas	4	13			4	13	1	3
Kentucky	1	6			1	6	0	0
Louisiana	3	10			3	10	1	3
Maine	1	2			1	2	1	2
Maryland	2	7			2	7	0	0
Massachusetts	6	16			6	16	7	20
Michigan	17	42		1	17	43	7	22
Minnesota	14	46			14	46	5	15
Mississippi	1	2			1	2	0	0
Missouri	9	21		1	9	22	2	5
Montana	33	99			33	99	16	44
Nebraska	9	19			9	19	10	24
Nevada	60	240			60	240	23	71
New Hampshire	1	2			1	2	1	1
New Jersey	13	34			13	34	4	9
New Mexico	7	16			7	16	6	24
New York	22	50	5		22	55	13	69
North Carolina	2	6			2	6	0	0
North Dakota	4	9	2		4	11	2	6
Ohio	15	43			15	43	10	27
Oklahoma	4	10			4	10	5	19
Oregon	17	41			17	41	4	13
Pennsylvania	9	16			9	16	3	10
Rhode Island	0	0			0	0	0	0
South Dakota					0	0	2	4
Tennessee	2	3			2	3	0	0
Texas	21	63		1	21	64	6	18
Utah	2037	10237	19	10	2037	10236	1160	4344
Vermont					0	0	0	0
Virginia	1	3			1	3	0	1
Washington	45	125			45	125	20	60
West Virginia	1	2			1	2	1	2
Wisconsin	7	15			7	15	3	17
Wyoming	20	56			20	56	14	39
Canada	9	23			9	23	2	5
Hawaii	3	7			3	7	0	0
British Colum.					0	0	1	2
Italy					0	0	0	1

May 31, 1930

STATE	1930				1929			
	Cars	Pass.	Stage	Misc.	Total Cars	Total Pass.	Total Cars	Total Pass.
Alabama	1	1			1	1	0	2
Arizona	111	342		1	111	342	29	31
Arkansas	3	9			3	9	0	0
California	717	1805	4	1	717	1810	444	1256
Colorado	52	138			52	138	41	99
Connecticut	1	2			1	2	1	2
Dist. Columbia							3	10
Florida	4	9			4	9	2	4
Idaho	78	241			78	241	42	113
Illinois	23	62	1		23	63	8	27
Indiana	6	17	1		6	18	2	4
Iowa	12	32			12	32	6	22
Kansas	4	13			4	13	1	3
Kentucky	1	6			1	6	0	0
Louisiana	3	10			3	10	1	3
Maine	1	2			1	2	1	2
Maryland	2	7			2	7	0	0
Massachusetts	6	16			6	16	7	20
Michigan	17	42		1	17	43	7	22
Minnesota	14	46			14	46	5	15
Mississippi	1	2			1	2	0	0
Missouri	8	21		1	8	22	2	5
Montana	33	99			33	99	16	44
Nebraska	9	19			9	19	10	24
Nevada	68	240			68	240	23	71
New Hampshire	1	2			1	2	1	1
New Jersey	13	34			13	34	4	9
New Mexico	7	16			7	16	6	24
New York	22	59	5		22	55	18	69
North Carolina	2	6			2	6	0	0
North Dakota	4	9	2		4	11	2	6
Ohio	15	43			15	43	10	27
Oklahoma	4	10			4	10	5	19
Oregon	17	41			17	41	4	13
Pennsylvania	9	18			9	18	3	10
Rhode Island	0	0			0	0	0	9
South Dakota					0	0	2	4
Tennessee	2	5			2	3	0	0
Texas	21	63		1	21	64	3	10
Utah	2537	10257	19	10	2537	10286	1160	4344
Vermont					0	0	0	0
Virginia	1	3			1	3	0	1
Washington	45	125			45	125	20	60
West Virginia	1	2			1	2	1	2
Wisconsin	7	15			7	15	6	17
Wyoming	20	56			20	56	14	39
Canada	9	23			9	23	2	5
Hawaii	3	7			3	7	0	0
British Colum.					0	0	2	2
Italy					0	0	0	1

Nov. 31, 1930

COUNTRY	1 9 3 0					Total		1 9 2 9	
	Cars	Pass.	Stage	Misc.	Total Cars	Total Pass.	Total Cars	Total Pass.	
Australia			2		0	2	1	1	
Philippine Isl.	1	2			1	2	0	0	
Africa	1	2			1	2	0	0	
Java					0	0	1	2	
South America					0	0	1	5	
Holland					0	0	0	1	
TOTAL	2017	15967	54	15	2017	14016	1219	6489	

May 31, 1930

SEAFY	1 9 3 0				1 9 3 9			
	Cars	Pass.	Stage	Misc.	Total Cars	Total Pass.	Total Cars	Total Pass.
Australia			2		0	2	1	1
Philippine Isl.	1	2			1	2	0	0
Africa	1	2			1	2	0	0
Java					0	0	1	2
South America					0	0	1	5
Holland					0	0	0	1
TOTAL	3917	13967	54	15	3917	14016	1219	6489

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

T R A V E L
R E P O R T

ZION NATIONAL PARK, UTAH, FOR THE MONTH OF MAY, 1930

	: This : Month	: This : Year	: This : month : Last : Year	: Last : Year : To Date	: Increase for : Travel Year : Number	: Per cent
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PRIVATE TRANSPORTATION:

Cars first entry	961	2954	543	1547	1587	89.6
Cars reentry	155	990	110	362	618	170.7
Motorcycles	1	3		2		
Total motor vehicles	1067	3917	653	1911	2006	104.9

Persons entering via motor vehicles	3401	13967	2242	6272	7695	122.6
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Persons entering via other private transportation

Total persons entering via private transportation	3401	13967	2242	6272	7695	122.6
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OTHER TRANSPORTATION:

Persons entering via stages	20	54	106	200	166 D.	488.2 D.
Persons entering otherwise	4	15	1	17	2 D.	13.5D
Total other transportation	24	49	107	217	168 D.	542.3 D.

GRAND TOTAL ALL VISITORS	3425	14016	2349	6489	7867	122.6
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	: THIS : Year	: LAST : Year	: INCREASE : Number	: PER CENT
Automobiles in public camps during month	205			
Campers in public camps during month	972	NOT AVAILABLE		

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

T R A V E L
R E P O R T

ZION NATIONAL PARK, UTAH, FOR THE MONTH OF MAY, 1930

	: This : Month	: This : Travel : Year : To Date	: This : Month : Last : Year : To Date	: Last : Travel : Year : To Date	: Increase for : Travel Year : Number : Per cent
<u>PRIVATE TRANSPORTATION:</u>					
Cars first entry	951	2984	543	1547	1587 89.6
Cars reentry	135	960	110	362	618 170.7
Motorcycles	1	3		2	
Total motor vehicles	1067	3917	653	1911	2006 104.9
Persons entering via motor vehicles	3401	13967	2242	6272	7695 122.6
Persons entering via other private transportation					
Total persons entering via private transportation	3401	13967	2242	6272	7695 122.6
<u>OTHER TRANSPORTATION:</u>					
Persons entering via stages	20	34	106	200	166 D. 488.2 D.
Persons entering otherwise	4	15	1	17	2 D. 15.5D
Total other transportation	24	49	107	217	168 D. 342.8 D.
GRAND TOTAL ALL VISITORS	3425	14016	2349	6489	7863 122.6

	: This : Year	: Last : Year	: Increase : Number : Per cent
Automobiles in public camps during month	285		
Campers in public camps during month	972	NOT AVAILABLE	

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

Bryce Canyon

National Park for the Month of May 1930.

	This Month	This Travel Year to date	This Month Last Year	Last Travel Year to date	Increase for Travel Year (Number per cent)
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PRIVATE TRANSPORTATION:

Cars first entry	576	337			
Cars reentry	55	55			
Motorcycles					
Total motor Vehicles . .	631	392			

Persons entering via motor vehicles	2031	2704			
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Persons entering via other private transportation . .					
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Total persons entering via private transportation . .	2031	2704			
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OTHER TRANSPORTATION:

Persons entering via stages					
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Persons entering via trains					
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Persons entering otherwise					
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Total other transportation					
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GRAND TOTAL ALL VISITORS	2031	2704			
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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

Dryoo Canyon

National Park for the Month of May 1930.

	: This Month	: This Year to date	: This Month Last Year	: Last Travel Year to date	: Increase for Travel Year Number year cont
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PRIVATE TRANSPORTATION:

Cars first entry	: 576	: 627	:	:	:
Cars reentry	: 55	: 55	:	:	:
Motoxycles	:	:	:	:	:
Total motor Vehicles . .	: 631	: 682	:	:	:

Persons entering via motor vehicles	: 2031	: 2704	:	:	:
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Persons entering via other private transportation . .	:	:	:	:	:
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Total persons entering via private transportation . .	: 2031	: 2704	:	:	:
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OTHER TRANSPORTATION:

Persons entering via stages :	:	:	:	:	:
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Persons entering via trains :	:	:	:	:	:
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Persons entering otherwise :	:	:	:	:	:
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Total other transportation :	:	:	:	:	:
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GRAND TOTAL ALL VISITORS :	: 2031	: 2704	:	:	:
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WEATHER REPORT FOR THE MONTH OF MAY 1930.
 HIGH NATIONAL PARK, UTAH.

Mean Maximum 73 plus
 Mean Minimum 45 plus
 Mean 59
 Maximum..... 92 date 20
 Minimum..... 32 date 22
 PRECIPITATION:
 Total..... 1.80 inches
 Greatest in 24 hours..... .85 date 4

NUMBER OF DAYS--

With .01 inch or more precipitation..... 7
 Clear, 10; partly cloudy, 1; cloudy, 20

AT SPTERDALE, UTAH.

Mean Maximum..... 72 plus
 Mean Minimum..... 48
 Mean..... 60
 Maximum..... 91 date 21
 Minimum..... 33 date 8
 PRECIPITATION:
 Total..... 2.52 inches
 Greatest in 24 hours..... .91 date 4

NUMBER OF DAYS--

With .01 inch or more precipitation ... 9
 Clear, 8; partly cloudy, 2; cloudy 21.

WEATHER REPORT FOR THE MONTH OF MAY 1930.
ZION NATIONAL PARK, UTAH.

Mean Maximum 73 plus
 Mean Minimum 45 plus
 Mean 59
 Maximum..... 92 date 28
 Minimum..... 32 date 22

PRECIPITATION:
 Total..... 1.80 inches
 Greatest in 24 hours..... .85 date 4

NUMBER OF DAYS-

With .01 inch or more precipitation..... 7
 Clear, 10; partly cloudy, 1; cloudy, 20

AT SPRINGDALE UTAH.

Mean Maximum..... 72 plus
 Mean Minimum..... 48
 Mean..... 60
 Maximum..... 91 date 21
 Minimum..... 33 date 8

PRECIPITATION:
 Total..... 2.52 inches
 Greatest in 24 hours..... .91 date 4

NUMBER OF DAYS-

With .01 inch or more precipitation ... 9
 Clear, 8; partly cloudy, 2; cloudy 21.

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,	33	\$ 33.00
Received during month,	300	300.00
Total,	333	\$ 333.00
Sold during month,	5	5.00
On hand at close of month,	328	328.00

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,	00.00
Sales during month,	5.00
Total,	5.00
Remitted during month,	5.00
Balance,	00.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

..... ZION National Park for the Month of MAY 1930

	This Month	This Month Last Year
Number of employees beginning of month,	31	33
Number of additions,	53	12
Total,	84	45
Number of separations,	14	1
Number of employees close of month,	70	44
Number of promotions during month	None	None
Aggregate amount of annual leave taken,	None	None
Aggregate amount of sick leave taken,	None	None
Aggregate amount of leave without pay,	None	None

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

..... National Park for the Month of

	This Year	Last Year
Park revenue on hand beginning of month,	None	None
Received, <i>2614.01</i>	954.00	294.50
Total, <i>2614.01</i>	954.00	294.50
Remitted, <i>2614.01</i>	954.00	294.50
On hand close of month, <i>None</i>	None	None

Park revenues received this year to date,	\$ 2,294.00
Park revenues received last year to date,	501.50
Increase,	<u>1,792.50</u>
Per cent of increase,	<u>300%</u>

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

..... National Park for the Month of
ZION MAY 1930

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date Completion
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Zion

Superintendent's Residence	¹⁰⁰ 90	10	15	July 1, 1930
River Change and Revetment	¹⁰⁰ 60	50	10	July 1, 1930
Protection of Road from River	50	50		Oct 1
Ranger Cabin West River Trail	5	5		Oct 1

Bryce

Residence	¹⁰⁰ 95	5	00	July 1, 1930
Stables	25	25		Oct. 1
Warehouse	5	5		" 1
Barn	5	5		" 1