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Onion skin:

1. weather report
2. status of appropriation

September 1930

673 NPP
October 9, 1930

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 SEPTEMBER 1930.

000 - General

The month was considerably warmer than usual and the total precipitation of 1.44 inches was 0.26 inch in excess of normal.

The travel year closed on September 30th with a total of 55,297 visitors, at Zion and 35,982 at Bryce. The increase at the former amounted to 65.5% and at the latter to 63.5%. Based on the weekly travel reports received in this office from other parks it is evident that these parks have far out-distanced all others in percentage of increase the past season.

100 - Administrative

110 - Status of Work - Due to the fact all of our temporary office help left in the middle of the month, with one exception, it has been impossible to keep office work on schedule. The office in this park is so thoroughly under-manned that there should be no expectation that reports will be kept current and submitted on schedule until additional help is provided. The request for an additional stenographer is one item that should not be eliminated for the 1932 estimates.

121 - Park Inspections by Superintendent - The end of August found me at Cedar City and on Sept. 1st I drove to Zion. On the 1st and 2nd I worked on the annual report, spending most of the time on photographic work and the report was mailed on the 4th. On the 5th and 6th I was in Zion engaged in office work and making inspections of work in progress and drove to Cedar City the evening of the latter date returning the next day and driving through to the North Rim and on the 8th returned to Zion. From the 9th to 18th I was absent on a trip to Galcier National park returning to Cedar City with Director

Albright the morning of the 18th where we met Secretary Wilbur's party and continued on the Bryce Canyon via Cedar Breaks. The 19th I drove to the North Rim and on the 20th returned to Zion via Pipe Springs with Mr. Albright who left the early morning of the 21st for Grand Teton. The same day the Secretary's party arrived from the North Rim and I met them at Kanab. This party left early on the 22nd to catch the Los Angeles Limited at Lund for Chicago. On 23rd I worked in the office and drove to Cedar City late in the evening and returned the morning of the 24th. I made inspections of work in progress in Zion on the 25th and drove to Bryce the afternoon of the 26th. I spent from then until the end of the month on the Bryce in inspections of work in progress and working out the boundary problem of the new extension.

123 - Inspections by National Park Service Officers ; - Director Albright was at Bryce on the 18th and at Zion the 20th leaving early on the 21st.

J.D. Coffman, Fire Control Expert, was at Bryce from the 25th to 28th and at Zion for the remainder of the month.

Auditors Gable and Blossom were at Bryce on the 1st.

124 - Inspections by Other Interior Department Officers - Secretary of the Interior Wilbur and Northcutt Ely, Executive Assistant, were in Bryce on the 18th leaving the next morning for the North Rim of the Grand Canyon and arrived at Zion the afternoon of the 21st leaving early the next day for Washington. The entire party seemed pleased with the Southern Utah Parks.

130 - Finance and Accounts - Statement is attached.

160 - Status of Alienated Lands - During the month it was brought to our attention that Marion Frost of Tropic, Utah, was asserting a settlement claim on the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 33, Twp 36 S, R 3 W, S.L.M. which is unsurveyed land in Bryce Canyon National Park. In checking this matter over with the General Land Office it was found that Frost dates his claim back to 1914. However, it also appears that Frost has sold the land to a man named Jolley, and, if the date of sale is since Bryce was made a park, the claim will be cancelled.

It was also discovered that Ruben Syrett, Manager of Rubys Inn, has pending a land exchange with the Forest Service which would give him control of about $\frac{1}{2}$ mile of the rim of Bryce Canyon from the Tropic waterfall east. In drawing the park lines in this area the last time the park was extended we worked the boundary out on a map and thought we had all of the rim in the park. However, the rim line goes over the rim for a short distance and it is our intention to correct this error. The Forest Service have held up further consideration of the Syrett exchange until the park line matter is settled.

170 - Plans, Maps, and Surveys - Survey crews of the U.S. Bureau of Public Roads completed the survey of the Bryce Canyon road from Bryce Canyon Lodge to Podunk Point in the new extension. The men moved out on the 29th.

180 - Circulars, placards, publicity bulletins, etc., - One issue of Nature Notes, the final for the year, was mailed out.

200 - Maintenance, Improvements and New Construction

210- Maintenance - R.A. Brown of the U.S. Bureau of Public Roads, who has been in charge of construction on the Zion - Mt. Carmel Highway left the park on September 4th. All Bureau men have now left the park and the Park Service has full charge of the new highway. As a result our maintenance men have been exceedingly busy as this more than doubles our road maintenance.

Floods in Pine Creek developed a bad situation on Section 3 just below the old park boundary when the water started to cut away a large sand fill. As a result park forces were put to work building a protection wall. The wall contains 211 yds. of stone set with concrete.

At another point about $\frac{1}{2}$ mile below the old park boundary flood waters rushed down from the smooth rock slopes above and started to cut into the upper edge of the road. A wall 330 feet long and containing 84 yards of rock was built to protect this section.

Section 3 was entirely resurfaced with about two inches of additional clay-sand material as the old surface was breaking up quite badly. After the work was finished it was given a good coat of light oil.

Heavy rains made it necessary to rebuild the shoulders in many places.

On September 6th a flood with a 6 foot head came down the Mukuntuweap River. All of our protection improvements completed last spring stood up well under the impact. At the channel change and dike near Zion Lodge known on the plans as "project C" a log jam backed the flood waters up until they came around the end of the dike causing it to settle at one end and washing out so much earth from above that it will be necessary to lengthen it in addition to repair work. We were very pleased to find that this settlement of about two feet failed to break the dike or wire basket holding it, as this was a very severe test and the result justifies our selection of this type for use in this park. I think the type has been developed in Zion Park as I never heard of anything exactly like them being used before.

The flood also cut into one of the banks on our long channel

change above the old peach orchard. We knew that some cutting would occur and hoped it would be on the west bank. However, the fates were against us and the cutting was on the east abnk and it will now be necessary for us to put in some protection improvements along this side.

Work was also started on the trail shelter cabin on the West Rim of Zion which is the last remaining project on our 1931 program.

At Bryce Canyon the warehouse and barn were completed and both are fine buildings. All items of our 1931 program are finished at Bryce.

The Peek-a-Boo Trail was finished into the canyon of that name. The Washington office allowed us \$600 to finish this part of the job. However, when we started we planned eventually to make a loop trail out of this, going via the Great Cathedral and returning by Totem Pole Canyon and Bryce Temple. When Director Albright and Secretary Wilbur inspected this trail they were so pleased with the way things had been worked out that Mr. Albright promptly authorized \$2,000 additional to finish the trail this fall. Work is now in progress under the direction of Engineer Tom Parker.

Work will also be started soon after October 1st on improvements of the road from Zion Lodge to the Temple of Sinawava. Funds allotted for construction of the road from the park entrance to the lodge were recalled.

250 - Improvement of nearby transcontinental Highways - It is reported that work has been finally completed by Arizona on U.S. #91 where it crosses the north-west corner of that state. A motorist recently told me this was now the finest stretch of road between the park and Los Angeles which is some reversal sinc' about three months ago. This section has been oiled and the State of Nevada is rapidly completing the oiling of this highway from Las Vegas to the Arizona Line.

260 - Landscape Work - Mr. Harry Langley, Asst. Landscape Architect, has divided his time between Zion, Bryce, and Grand Canyon the past month.

300 - ACTIVITIES OF OTHER AGENCIES IN THE PARKS

310 - Public Service Contractors - The Utah Parks Company have given their usual good service in all departments. Bus service was discontinued on September 25th, although there were several parties in after that date. Bryce Lodge closed on the 30th, although Zion will remain open until the 15th.

Some internal trouble in the company brought about the resignation

of the Lodge Manager Mr. G.C. Delgado.

400 - Flora, Fauna, and Natural Phenomena

410 - Ranger, Naturalist and Guide Service - During the month several of our temporary men left to attend school and due to the continued heavy traffic into the park it was necessary to make several emergency job appointments in order to handle the situation. Due to the greatly improved condition of the road from here to Los Angeles it is expected that the opening of the Kaibab Deer hunting season on October 1st will bring many hunters through the park.

On September 11th Ranger * Naturalist Thornton left the park to return to his duties as Principal of the the Junior High School at Provo, Utah. From this date on Ranger Russell carried on the work of the educational division and did a very creditable job. During the month, at Zion, there was a total of 32 Guide trips with 866 attendance, 66 lectures with an attendance of 2472, and 1927 visited the park museum making a total of 5265 educational contacts the past month.

At Bryce Canyon there were 35 trips with 661 attending and 25 lectures to 1784 people a total of 2,545 for the month.

A total of 149 portfolios were sold, 5 Oh! Ranger, and 2 Grand Canyon Country.

Our Portfolio sales for the past ~~month~~ year amounted to 643 copies, and, in accordance with our last years challenge, we are looking around for the ones who were more successful in this line than we were.

470 - Animals - Deer are becoming quite a feature in the canyon and are rapidly becoming very tame under park protection. We are already beginning to experience some of the troubles of other parks as our wild flower garden near the museum has been ruined by deer grazing. Just why these deer prefer native plants in a garden to those growing naturally a few feet away is somewhat of a puzzle.

One fawn was killed by an auto during the month.

On September 8th Dr. Chas. M. Bogert, Los Angeles, collected a specimen of a Lyre Snake (*Trimorohodon lyrophanes*) probably the first to be found in Utah. This was found near the southern entrance.

500 - USE OF PARK FACILITIES BY THE PUBLIC

510 - Increase in travel - As stated before in this report travel to these parks has been record-breaking throughout the season.

Undoubtedly the principal reason for this heavy increase in travel was the opening of the Zion - Mt. Carmel Highway to general traffic on January 2, 1930.

The total travel to Zion amounted to 55,297 compared to 33,383 last year an increase of 21,914 or 65.6%. During previous years a large amount of local travel has been carried on our records. This year, knowing that we were going to have a large increase, and, in accordance with your instructions, we eliminated practically all of local re-entry travel. People who enter the park frequently during the season were counted only once. On the same basis of counting as was in effect last year our increase this year would have been about double last years figure.

Of the above total, 51,262 entered in 15,633 automobiles compared to 28,201 in 8,612 last year and increase in people of 23,061 and autos 7,021 or 81.5%. Rail travel amounted to 4,056 compared to 5,151 last year a loss of 1,095 or 21%. Travel by miscellaneous means was 39 compared to 31 last year an increase of 8 or 25.8%.

At Bryce 32,047 entered in 10,007 autos compared to 17,211 last year an increase of 14,836 or 86.2%. Rail travel amounted to 3,930 compared to 4,784 last year an decrease of 854 or 17%. Travel by miscellaneous means increased from 2 to 5 or 150%.

Visitors were registered from every state, District of Columbia, Territory of Hawaii and 20 foreign countries.

At Zion travel from states outside of Utah totalled 29,947 or more than half which should eliminate us from the charge of being a state park.

Complete monthly and annual statements are attached to this report.

520 - General Weather Conditions - The monthly mean temperature of 73.1 was 1.5 degrees above normal and the total precipitation of 0.95 inches was 0.23 in. below the usual amount for the month. The highest temperature was 98 on the 3rd and the lowest 44 on the 26th. The greatest daily precipitation was 0.95 inches on the 6th. There were 14 clear, 2 partly cloudy and 14 cloudy days.

Snow fell at Bryce Canyon the night of the 29th.

540 - Visitors - The high spot of the month from the visitor standpoint was the trip of The Secretary of the Interior and Mrs. Wilbur. They were accompanied by Director Albright and Northcutt Elz, Administrative Assistant. The party arrived at Cedar City the

morning of the 18th and left after breakfast for Bryce Canyon, visiting Cedar Breaks enroute. After lunch the Secretary, accompanied by the Director, Park Superintendent and Engineer Parker, made a trip over the new Peek-a-Boo trail. On the return trip the horses were ridden to the foot of the Navajo Trail and the party hiked up through Wall Street to the rim. Mrs. Wilbur made a trip along the rim in company with Mr. Scoyen and Ranger Cope of Bryce Park.

The morning of the 19th the entire party left for the Grand Canyon, North Rim arriving there the same evening. The Secretary and party remained over the 20th; but Director Albright left the same morning and drove to Zion making a side trip to inspect Pipe Springs. He left Zion early on the 21st for Grand Teton.

I met the Secretary's party at Kanab on noon of the 21st and brought them into Zion on the Zion-Mt. Carmel Highway. Arriving late in the afternoon an hour was spent resting at the Lodge before making the trip to the Narrows. Due to the fact that Mrs. Wilbur was unable to walk the Secretary did not walk the full length of the trail going only as far as the first Hanging Garden. The return trip to the Lodge was made just at twilight which is a beautiful time at Zion when the lower cliffs turn black and the white sandstone still shines as though great flood lights are being played on the tops of the cliffs.

The party left at 7:15 a.m. on the 22nd to catch the Los Angeles Limited at Lund for Chicago.

On September 25th at Zion and the 27th at Bryce a distinguished party of scientists from the Calif. Institute of Technology at Pasadena were visitors. Mr. J.B. Dabney one of the trustees of the institution had several members of the faculty as his guests on the trip. The most prominent was Dr. R.A. Millikan, who has achieved international fame on account of his work with the Cosmic Rays. Perhaps more interesting from the park standpoint was Dr. Buwalda who is a member of the Yosemite advisory board. Others in the park were Dr. T.A. Morgan and Dr. Stock.

Mr. Frank J. Taylor, a notable assistant to struggling park authors, together with Mrs. Taylor made the "loop" from the 6th to 9th.

On September 2nd an American Nature Association party of four visited Zion.

From the 6th to 9th President Gray of the Union Pacific accompanied by Vice Presidents Haugh and Jeffries and other officials visited the parks.

600 - Protection

610 - Police Protection - On the night of September 7th, Mayo Riggs, Lynn Davis, and Vane Sandiense, all of Panguitch climbed a fire escape into the girls dormitory at Bryce and during their forced visits to several rooms caused quite a commotion. They were arrested by Chief Special Agent Hedges of the Union Pacific and Ranger Cope and on the 11th appeared before the justice of the peace at Tropic and were fined \$10.00 each for drunk and disorderly conduct.

630 Accidents - On September 8th there was a collision between a Ford Car driven by Mr. R.W. Sherk of Eden, N.Y. with Mrs. Sherk as passenger, and the Bryce Canyon utility truck of the Utah Parks Company. The truck was at fault and the U.P. paid the damages. Mr. Sherk received a bad cut between the eyes but there were no other injuries.

On September 5th Miss. Margaret Creamer of Indianapolis backed off the road near the south entrance checking station. No one was injured.

On September 12th Victor Ruesch, driving U.S.N.P.S. #916 backed into a car driven by Mr. E.V. Quimby of Jamestown, N.Dak. and damaged his car to the extent of \$14.35.

650 - Signs - About 150 signs have been placed the last month most of them new standard signs. In addition all sign posts have been repainted and the old juniper posts have been replaced with regular 5x5 sawed posts.

This concludes my report.

Sincerely Yours,

E.T. Scoyen.
Superintendent.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

10-157
(July, 1929)

TRAVEL REPORT

Zion National Park for the month of September

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
<u>1930</u> ; <u>1929</u> ; <u>1928</u>						
<u>PRIVATE TRANSPORTATION:</u>						
Cars first entry,	624	- 12874;	905	- 7808 ;	825	- 7046 ; 69%
Cars reentry,	1034	- 2739;	79	- 995 ;	85	- 472 ; 175%
Motorcycles,	4	- 20;	0	- 9 ;	1	- 14 ; 122%
Total motor vehicles,	1662	- 15633;	984	- 8812 ;	912	- 7532 ; 31%
Persons entering via motor vehicles,	4789	- 51202;	3047	- 23189 ;	2768	- 25011; 31.4%
Persons entering via other private transportation,				12 ;	2	- 20; 100 Do
Total persons entering via private transportation,	4789	- 51202;	3047	- 23201 ;	2770	- 25031; 31.5%
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages,	498	- 4056;	609	- 5151 ;	1053	- 4940 ; -17 Do
Persons entering via trains,						
Persons entering otherwise,	2	- 33 ;		31 ;	3	- 45 ; -22 Do
Total other transportation,	500	- 4095 ;	609	- 5182 ;	1056	- 4985 ; -21 Do
GRAND TOTAL ALL VISITORS,	5289	- 55297 ;	3656	- 33383;	3826	- 30016 ; 35.3

	This Year	Last Year	Increase	
			Number	Percent
Automobiles in public camps during month,	466	193		
Campers in public camps during month,	1560	1283		

UNITED STATES
DEPARTMENT OF THE INTERIOR
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10-157
(July, 1929)

TRAVEL REPORT

National Park for the month of SEPTEMBER 1929.

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent

PRIVATE TRANSPORTATION:

Cars first entry,	1001	9591			
Cars reentry,	90	415			
Motorcycles,	1	1			
Total motor vehicles,	1092	10007			
Persons entering via motor vehicles,	3701	33047			
Persons entering via other private transportation,					
Total persons entering via private transportation,	3701	33047			

OTHER TRANSPORTATION:

Persons entering via stages,	573	5950			
Persons entering via trains,					
Persons entering otherwise,					
Total other transportation,	573	5950			
GRAND TOTAL ALL VISITORS,	3954	38997			

	This Year	Last Year	Increase	
			Number	Percent

Automobiles in public camps during month,	135
Campers in public camps during month,	648

WEATHER REPORT FOR THE MONTH OF SEPTEMBER 1930.

Mean Maximum..... 85
 Mean Minimum..... 57
 Mean..... 71
 Maximum..... 98 date 3d
 Minimum..... 44 date 25th

PRECIPITATION:

Total..... 1.16 inches
 Greatest in 24 hours..... .53 inches date 7th.

Number of days-
 With .01 inch or more precipitation 4;
 Clear 13; partly cloudy 1; cloudy 16 .

AT SPRINGDALE

Mean Maximum..... 86.6
 Mean Minimum..... 59.7
 Mean..... 73.1
 Maximum..... 98 date 3d
 Minimum..... 44 date 26

PRECIPITATION:

Total..... 1.44 inches
 Greatest in 24 hours..... .95 date 6th

Number of days-
 With .01 or more precipitation 4
 Clear 14; partly cloudy 2; cloudy 14

STATUS OF APPROPRIATIONS
September 30, 1930

	<u>Amount</u>	<u>Expended</u>	<u>Balance</u>
49/0416 Bryce Canyon 1929-30	19,515.00	19,514.86	.14
49/0435 Zion Park 1929-30	41,425.00	41,402.63	22.37
49/0405 Emerg. Recon & FFF 1929-30	19,315.91	19,315.31	.60
40/1416 Bryce Canyon 1930-31	13,008.00	7,890.52	5,117.48
40/1435 Zion Park 1930-31	32,270.00	13,182.68	19,187.32
4x436.16 Roads & Trails (Bryce)	16,300.00	13,518.07	2,781.93
4x436.35 Roads & Trails (Zion)	1432,943.30	1401,418.25	31,525.05

UNITED STATES
DEPARTMENT OF THE INTERIOR
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REPORT OF SALES OF PUBLICATIONS

September 1930.

	Number	Value
<u>GOVERNMENT PUBLICATIONS:</u>		
<u>Portfolios</u>		
On hand beginning of month,	137	\$ 137.00
Received during month,	00	00.00
Total,	137	137.00
Sold during month,	113	113.00
Transferred to Bryce Sept. 4,	24	24.00
On hand at close of month,	00	00.00

NON-GOVERNMENT PUBLICATIONS:

	On Ranger		The Grand Canyon Country	
On hand beginning of month,	87	\$292.50	15	\$30.00
Received during month,	00	000.00	00	00.00
Total,	87	292.00	15	30.00
Sold during month,	5	10.00 ^{12.50}	2	4.00
On hand at close of month,	82	282.00	13	26.00

Cash on hand beginning of month,	\$ 152.00
Sales during month,	129.50 187.50
Total,	145.40 142.90
Remitted during month,	145.40 142.90
Balance,	118 00.00 27.40

UNITED STATES
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NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

ZION-BRYCE CANYON NATIONAL PARKS

	Number	Value
<u>GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month,	149	\$149
Received during month,	000	
Total,	149	\$149
Sold during month,	149	\$149
On hand at close of month,	000	000
<u>NON-GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month,	77 Oh Ranger; 15 Grand Canyon	
Received during month,		
Total,	77 Oh Ranger; 15 Grand Canyon	
Sold during month,	5 Oh Ranger; 2 Grand Canyon	
On hand at close of month,	72 Oh Ranger; 13 Grand Canyon	
Cash on hand beginning of month,		\$15.90
Sales during month,		165.50
Total,		181.40
Remitted during month,		181.40
Balance,		0.00

UNITED STATES
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NATIONAL PARK SERVICE

STATUS OF PERSONNEL

ZION-BRYAN CANYON National Park for the Month of SEPTEMBER, 1930.

	This Month	This Month Last Year
Number of employees beginning of month,	78	81
Number of additions,	11	39
Total,	89	120
Number of separations,	27	37
Number of employees close of month, . .	62	83

Number of promotions during month None

Aggregate amount of annual leave taken, 15 days

Aggregate amount of sick leave taken, None

Aggregate amount of leave without pay, None

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

~~ZION-BRYCECANYON~~ National Park for the Month of ~~SEPTEMBER~~, 1930.

	This Year	Last Year
Park revenue on hand beginning of month,	\$1,159	00.00
Received,	<u>1,775</u>	<u>438.50</u>
Total,	2,937	438.50
Remitted,	<u>2,659</u>	<u>438.50</u>
On hand close of month,	<u>278</u>	<u>00.00</u>

Park revenues received this year to date,	8,598	5,222
Park revenues received last year to date,	6,820	
Increase,	<u>1,778</u>	
Per cent of increase,	<u>26</u>	

UNITED STATES
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NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

.....ZION-BRYCE CANYON..... National Park for the Month of~~SEPTEMBER~~..... 1930.....

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date Completion
Zion Canyon Road	80	10	10	Nov. 1, 1930.
Road Betterment Lodge to Narrows	00			Jan. 1, 1931.
Ranger Cabin West Rim Trail	25	15	10	Nov. 1, 1930.
Improving Grounds Adm. Area	90	20	70	Nov. 1, 1930.
Trails, Bryce Canyon (Additional)	90	20	40	Dec. 1, 1930.
Warehouse "	100			
Barn "	100			