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Weather report

Status of Appropriation

Status of Aulhanged  
projects

October  
1930

November 6, 1930

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

Dear Mr. Director:

The following is my report on operations and conditions in Zion National Park for the month of OCTOBER 1930.

000 - General

From the weather standpoint the past month has been nearly ideal. The mean temperature was somewhat below normal but this was due to the long spell of clear weather during the last 20 days of the month which would tend to make nights colder than during normal conditions. A heavy storm on the 10th was the only precipitation of consequence. The dry, warm weather with no snow in the high elevations made the Utah hunting season (October 20th to 30th) very good for everything except the hunters. Although a number of deer were killed, as was to be expected, hunting was generally very poor.

One feature of the month has been the very heavy travel. This was due in a great part to the large numbers of hunters bound from Southern California to the Kaibab. Probably very nearly half of our travel was accounted for by people headed for this easy hunting ground. A total of 393 deer from the Kaibab were checked by the park checking station. This does not represent all of the deer brought out over this route as not all cars were checked on their way out as they had already done so on the way in. It would appear that the thinning out process on the Kaibab is proceeding very favorably this fall.

100 - Administrative

110 - Status of Work - Due to the fact our experienced office help had left by the end of September and considerable work is still in progress, it has been impossible to keep office work on schedule. Some temporary help was hired to assist by handling the warehouse; but the details of this work cannot be picked up in a few days. The Superintendent has been his own stenographer which will explain the much marked and corrected letters sent out the past month.

121 - Park Inspections by Superintendent - From October 1st to 6th I was at Zion working in the office and making inspections of work in progress. On the 7th I made a trip to Bryce Canyon and over to Podunk Point and return mostly to check up on the new boundaries. The next three days were spent in Zion and I drove to Cedar City late in the afternoon of the 11th and returned on the 12th. On the 13th I made an inspection of trail work in progress at Bryce Canyon. From the 14th to 22nd inclusive I was at Zion, except I drove Congressman Colton from Zion to the Mt. Carmel junction on the 21st. The 23rd and 24th were spent on inspections in Bryce Canyon and the new extension area and returned to Zion where I remained until late in the afternoon of the 28th when I drove to Cedar City, returning on the 29th and spent the 30th in the park.

123 - Inspections by Interior Department Officers - Mr. J.D. Coffman, Fire Control Expert, finished his work in the park and left for the Grand Canyon on the 7th.

Mr. Ansel Hall, Chief Naturalist, came through the park on the 6th on his way to Berkeley.

126 - Inspections by Congressman - Mr. Don B. Colton, Utah Representative in the House, and also Chairman of the Public Lands Committee, made a short stop at headquarters on the 21st.

130 - Finance and Accounts - Statement is attached.

140 - Labor situation - Labor can be obtained at any time. In fact there has been a tendency to fight for jobs in the parks in some of the small communities near our boundaries. The desperate condition of the stock-raising industry has made unemployment very serious throughout Utah.

170 - Plans, Maps, and Surveys - Mr. J.D. Coffman made up some plans for fire protection while in the parks, and Mr. Lmagley, Asst. Landscape Architect, made preliminary studies of the housekeeping unit at Bryce.

200 - Maintenance, Improvements and New Construction

210 - Maintenance - Maintenance work was very light the past month.

230 - New Construction - The shelter Cabin on the west rim trail was completed during the month. This work was done well under the estimate. Due to a misunderstanding the cabin was not placed in exactly the location desired by the landscape division.

Work was also completed on repair to our wing dams in the Mukuntuweap River due to the flood of September 6th, and the bad channel condition which developed during at this time was repaired by putting in 535<sup>1/2</sup> of heavy rock rip-rap. A total of 1,200 yards of rock<sup>was</sup> used and hundreds of feet of 3/8" cable.

Work was also completed on rebuilding the shoulders on Section 3 on the Zion - Mt. Carmel Highway.

Work was also started in putting in additional rings in a short stretch of timbering in the tunnel between galleries one and two. For a short distance there is every evidence that some of this timber is under terrific strain and we are taking no chances on it breaking through.

Work on straightening the road from the Temple of Sinawava to the Lode was also started. About 2,000 yards were taken off the points on the turns and dumped along narrow places. This work should be completed by December 15th.

It is interesting to note, especially in view of the opinion held in some quarters that the purchase of a power shovel for this park was unnecessary, that this equipment has been in use every day for the past 10 weeks. At present we are taking out dirt on the road improvement for an average price of 36¢ per yard and the best bid price on the Zion-Mt. Carmel Highway was 70¢. At the time opposition to this purchase developed it was stated that there was no danger of it being needed for slides on the Zion - Mt. Carmel Highway. The past month it worked 11 days on one slide near the east end of the Mukuntuweap River Bridge, and had previously worked several days in the same place.

250 - Improvement of nearby Transcontinental Highways - The state of Utah is doing a large amount of improvement work on U.S. #89 from Panguitch south to Hatch. The road is being entirely relocated on a new alignment, and the clay section, which were very slippery last summer, will be eliminated by reconstruction and gravelling.

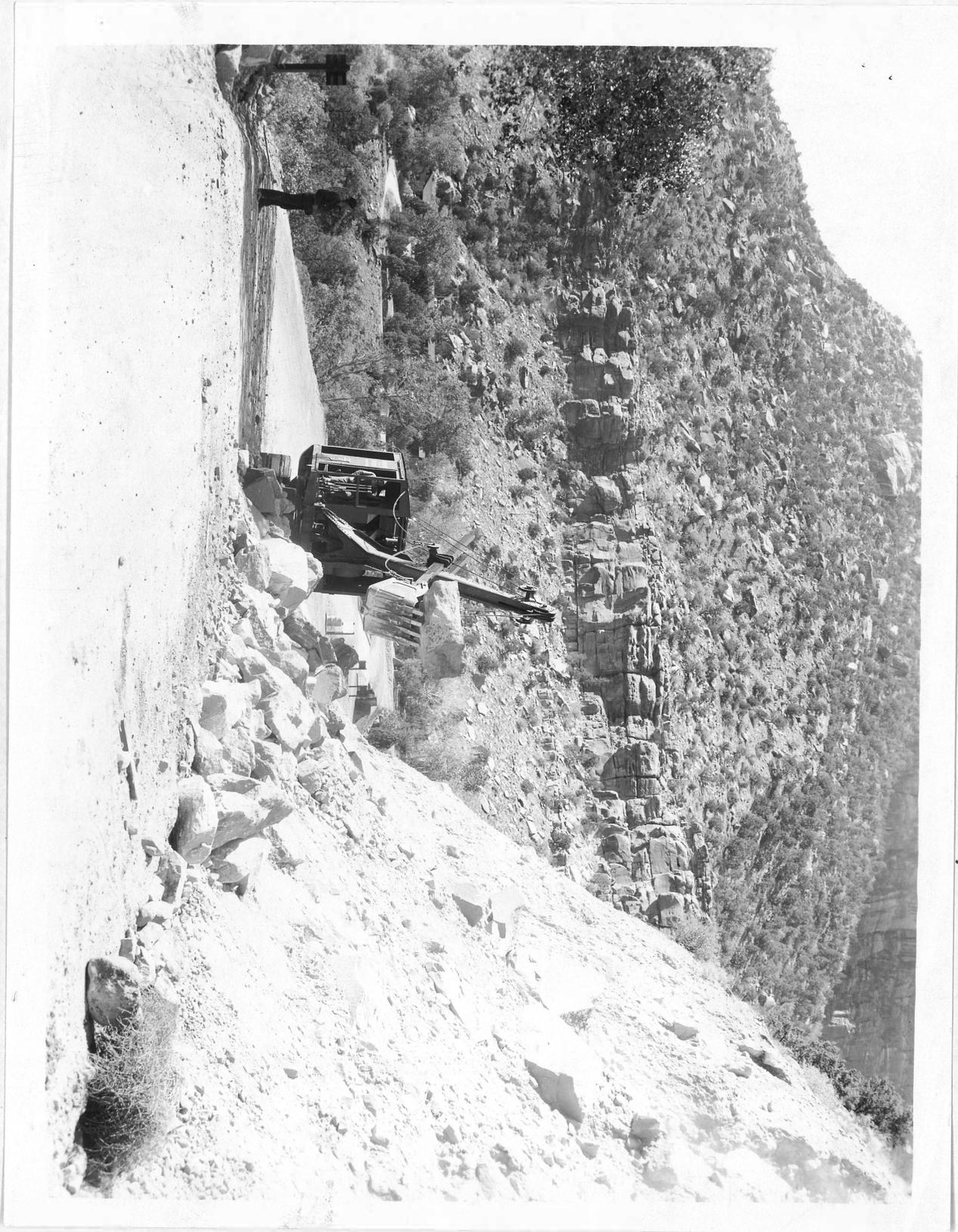
260 - Landscape Work - Mr. Harry Langley, Asst. Landscape Architect, left the park on the 29th for San Francisco. At a farewell dinner at the Superintendents home the night before he left Mr. and Mrs. Tom Parker furnished a turkey and the Scoyens the rest of the feast. It was decided that Harry should furnish the dish-washer, but, for some unknown reason he failed in his assignment. Being a bachelor, it was the general opinion that he did not know how.

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

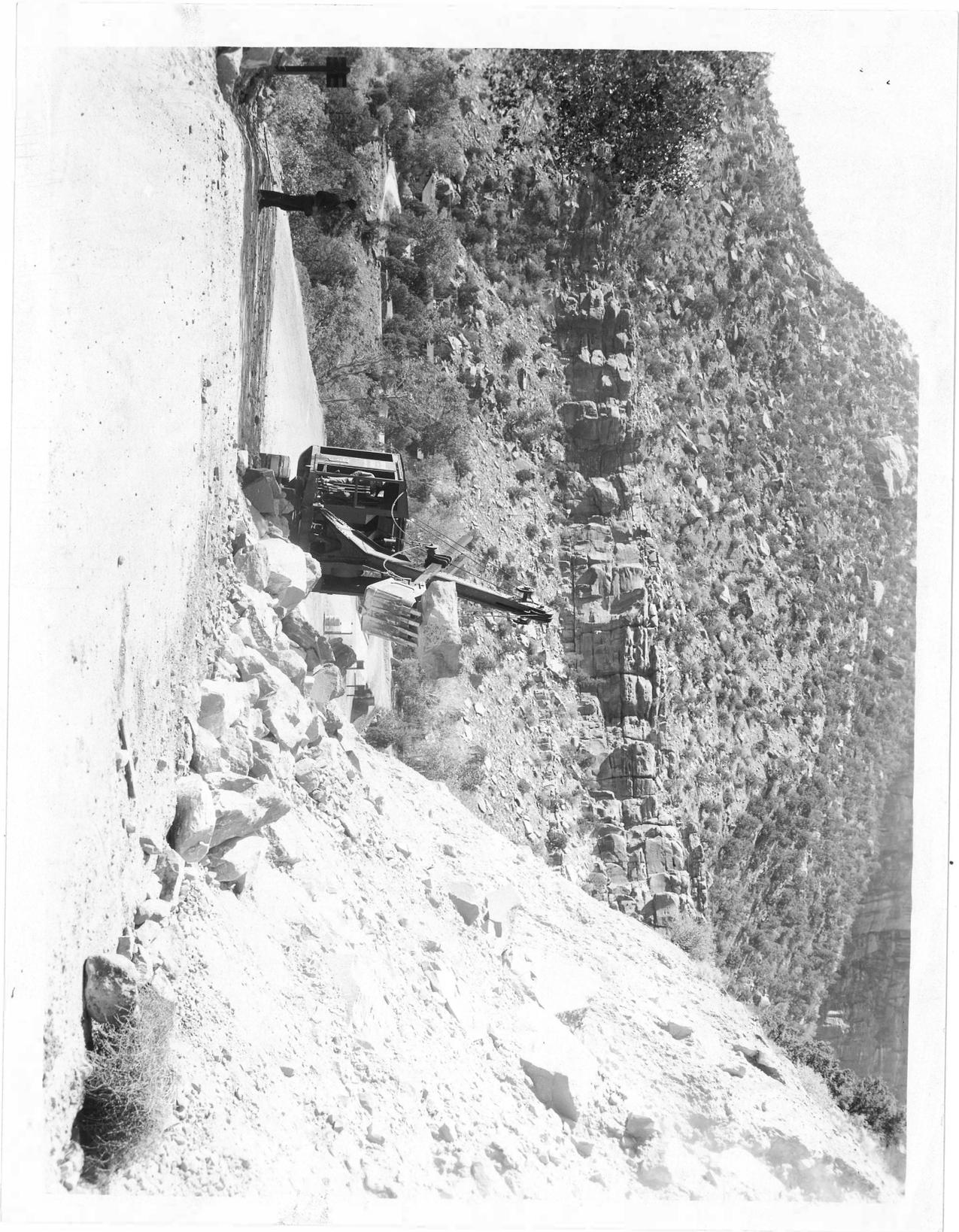
310 - Public Service Contractors - Zion Lodge closed on October 16th.

314 - Complaints - One complaint was filed and this by Mrs. C.C. Case, Willimantic, Conn, who stated that the post mistress at Zion Lodge had failed to deliver a very important letter when she asked for it although it was in the office at the time. Her proof was conclusive and steps have been taken to prevent further occurrences of this kind.

320 - Cooperating Governmental Agencies - At the end of September the sub-station of the U.S. Weather Bureau in the park was abolished. By comparison it was found that the records at Springdale, Utah, reflect with very little variation the weather in Zion Park. As the records for this station date back of 1904 it was considered the most important to keep in operation.



New power shovel removing a slide on the Zion-Mt. Carmel highway.



New power shovel removing a slide on the Zion-Mt. Carmel highway.

350 - Donations - At my request, the R.T. Rev. Monsignor D.G. Hunt of Salt Lake City donated to the park a copy of the book by Dean Harris, The Catholic Church in Utah. This is a rather rare volume at present and is very valuable to us because it contains a complete translation of the diary of Father Escalante who passed close to Zion Park in his trip through southern Utah in the fall of 1776.

400 - Flora, Fauna, and Natural Phenomena

410 - Ranger, Naturalist and Guide Service -

There was no regular educational service the past month.

During the first part of the month rangers were engaged in traffic and checking duty, surveying boundaries, putting up signs, etc.

The last ten days was the hunting season in Utah and all available men were put out on boundary patrol. All hunters remained clear of the park and no poaching was attempted. Very few deer were killed near the park with the exception of Springdale. Park deer formed the habit of grazing in the alfalfa fields near the town and this was very costly to a number of fine bucks during the hunting season.

A total of 397 deer were checked through the park enroute from the Kaibab Forest to Southern California the past month.

By the end of the month all temporary rangers were off the pay roll. Recommendations have been made to make the appointment of Maurice Cope permanent at Bryce Canyon Park. If approved he will be the first permanent employee exclusively assigned to Bryce.

500 - Use of Park Facilities by the Public

510 - Increase in Travel - Our 1931 travel season has started out the way most parks hope theirs will. The total travel for the month was 3181 compared to 1283 the same month last year an increase of 1968 or 162%. However, we are not like most parks in that we claim every increase is due to the increasing popularity of the park and all decreases due to anything but lack of public interest, and state that the hunting season on the Kaibab is directly responsible for this increase. Cars from Southern California have been streaming through all month to reach easy shooting.

However, our records also show travel from 45 states, District of Columbia, and Canada, Hawaii, So. America, Denmark and Alaska, and travel from practically every state listed shows a substantial increase over last year. This indicates increasing popularity of these parks rather than total travel figures.

520 - General Weather Conditions - The mean temperature of of 59.5 was 2 degrees below normal. The highest temperature was 82 on the 7th and the lowest 31 on the 23rd and 30th.

The total precipitation of 0/69 inches was 0.59 inch below the normal amount of 1.28 inches. The big storm of the month occurred on the 10th when 0.50 inches fell.

There were 21 clear, 1 partly cloudy and 9 cloudy days. Killing frosts occurred on the 23rd and 30th.

540 - Visitors

John H. Bowman, Mayor of Salt Lake City  
Mr. Groth, American Consul at Copenhagen, Denmark.

600 - Protection

630 - Accidents - One minor accident occurred during the month when a car driven by Temporary Ranger Reed Jones collided with the U.P. Utility Truck. Mr. Jones paid damages on the truck.

650 - Siggs - Considerable work was accomplished in putting up new signs.

900 - Miscellaneous

On October 9th the Old Mormon Cable was dismantled. The cable was purchased by the service for use in building dikes in the river. Consturction was first started on this tramway in 1900 when David Flanigan first made the attempt to get it in operation. However, it was not until 1904 that it was improved so that it could be operated at a profit. For many years it was used to bring lumber down from the plateau to the valley floor. It worked on the endless principle and had a span of 2,600 feet. For many years it was thought to be the longest single cable span in the world.

This was no doubt the most interesting historical relic in the park. However, it had deterioriated to a point where it was no longer safe and this was the sole reason for its removal.

This concludes my report.

Sincerely Yours,

*E. T. Scoyen*  
E. T. Scoyen.  
Superintendent.



CLASSIFIED MONTHLY REPORT FOR THE MONTH OF OCTOBER, 1930. CONTINUED.

State					Total 1930		Total 1929.	
	Cars	Pass	Stage	Misc	Cars	Pass	Cars	Pass
Wisconsin	2	7			2	7	2	5
Wyoming	13	32			13	32	7	22
Canada	5	7			5	7	2	6
Hawaii	1	2			1	2	1	2
So. America	1	2			1	2		
Denmark	0		1			1		
Alaska	1	2			1	2		
<b>Total,s</b>	<b>1181</b>	<b>3162</b>	<b>18</b>	<b>1</b>	<b>1181</b>	<b>3181</b>	<b>411</b>	<b>1213</b>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

TRAVEL REPORT

ZION NATIONAL PARK FOR THE MONTH OF OCTOBER 1930.

	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 . . . . .	989	989	411	411	578	140% in
Cars reentry . . . . .	192	192	0	0	192	infinite
Motorcycles . . . . .						
<b>TOTAL MOTOR VEHICLES</b>	<b>1181</b>	<b>1181</b>	<b>411</b>	<b>411</b>	<b>770</b>	<b>137% in</b>
<u>PERSONS ENTERING VIA MOTOR VEHICLES:</u>						
Persons entering via motor vehicles . . . . .	3162	3162	1204	1204	1958	162% in
Persons entering via other private transportation	0	0	2	2	2	infinite
<b>Total persons entering via private transportation</b>	<b>3162</b>	<b>3162</b>	<b>1206</b>	<b>1206</b>	<b>1956</b>	<b>162%</b>
<u>OTHER TRANSPORTATION</u>						
Persons entering via stages	18	18	7	7	11	143% in
Persons entering otherwise	1	1	0	0	1	infinite
<b>Total other transportation</b>	<b>19</b>	<b>19</b>	<b>7</b>	<b>7</b>	<b>12</b>	<b>143% in</b>
<b>Grand Total ALL VISITORS</b>	<b>3181</b>	<b>3181</b>	<b>1213</b>	<b>1213</b>	<b>1958</b>	<b>162% in</b>
<u>Automobiles in public camps during month . . . . .</u>						
					This Year	Last Year
					62	8
<u>Campers in public camp during month . . . . .</u>						
					This Year	Last Year
					151	25

WEATHER REPORT AT SPRINGDALE, TWO MILES SOUTH OF PARK ENTRANCE  
FOR THE MONTH OF OCTOBER 1930.

TEMPERATURE:

Mean Maximum .....	73 plus
Mean Minimum .....	46 minus
Mean .....	59.5
Maximum .....	82 date 7th
Minimum .....	31 date 23 and 30

PRECIPITATION:

Total .....	.69 inches
Greatest in 24 hours .....	<del>XEN</del> .50 inches

NUMBER OF DAYS--

With .01 inch or more precipitation 2  
Clear, 21; partly cloudy, 1; cloudy, 9.

Dates of killing frost, 23 and 30.

Harold Russell  
Observer.

STATUS OF APPROPRIATIONS

October 31, 1930.

	<u>Amount</u>	<u>Expended</u>	<u>Balance</u>
49/0405 Emerg. Recon & FFY 1929-30	19,315.91	19,315.31	.60
49/0416 Bryce Canyon NP 1929-30	19,515.00	19,514.86	.14
49/0435 Zion Natl Park 1929-30	41,425.00	41,402.63	22.37
40/1416 Bryce Canyon NP 1930-31	13,008.00	9,027.42	3,980.58
40/1435 Zion Natl Park 1930-31	32,270.00	16,526.92	15,743.08
4x436.16 Roads & Trails NP (Bryce)	16,300.00	14,832.95	1,467.05
4x436.35 Roads & Trails NP (Zion)	1432,943.30	1407,025.92	25,917.38

UNITED STATES  
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STATUS OF PERSONNEL

ZION-BRYCE CANYON National Park for the Month of OCTOBER, 1930

	This Month	This Month Last Year
Number of employees beginning of month,	56	83
Number of additions, . . . . .	10	4
Total, . . . . .	66	87
Number of separations, . . . . .	30	66
Number of employees close of month, . .	36	21

Number of promotions during month None

Aggregate amount of annual leave taken, 35 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-BRYCE CANYON

OCTOBER, 1930.

National Park for the Month of

	This Year	Last Year
Park revenue on hand beginning of month, . . . . .	278.00	00.00
Received, . . . . .	878.00	199.00
Total, . . . . .	1,156.00	199.00
Remitted, . . . . .	979.00	199.00
On hand close of month, . . . . .	177.00	00.00

Park revenues received this year to date, . . . . .	\$9,476.00
Park revenues received last year to date, . . . . .	6,615.00
Increase, . . . . .	2,861.00
Per cent of increase, . . . . .	43.3

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

ZION-BRYCE CANYON

National Park for the Month of

OCTOBER 1930

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date Completion
Zion Canyon Road	100.00	20	10	
Road Betterment Lodge to Narrows	50.00	50	00	Dec. 1, 1930.
Ranger Cabin West Rim	100.00	75	25	
Improving Ground Admin. Area	90.00	00	20	May 1, 1931
Trails, Bryce Canyon	100.00	70	20	