

July 1932

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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Zion-Bryce NATIONAL PARK

FILE NO.

MONTHLY REPORT FOR JULY, 1932

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STEPHEN T. MATHER,  
*Director.*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

ZION AND BRYCE CANYON NATIONAL PARKS

UTAH

OFFICE OF THE SUPERINTENDENT

P. O. ADDRESS:  
SPRINGDALE, UTAH

August 10, 1932

The Director  
National Park Service  
Washington D. C.

Dear Mr. Director:

The following is my report of activities in Zion and Bryce Canyon National Parks for the month of July, 1932:

000 General

On July 4 the Stephen T. Mather Memorial Plaque was installed and dedicated in the Zion Stadium. The services were attended by 125 persons and were officiated by Mr. D. S. Spencer and President Heber J. Grant of the Mormon Church, representatives of the Stephen T. Mather Appreciation. President Grant thought that the plaque had been installed in a too isolated place, but others who have seen the installation, including President Gray of the Union Pacific, Mr. Vint and Assistant Director Bryant, are very well pleased with the location.

020 General Weather Conditions

The weather has been warm in Zion throughout the month. The maximum temperature was 105 degrees above zero on the 7th. The lowest was 59 on the 14th and 18th. The average temperature for the month was 81.52 above zero. Rain fell on five different days during the month. The greatest amount of precipitation in 24 hours was on the 10th when 1.40 inches fell. A total of 3.59 inches of rain fell during the month. Vegetation was getting to the drying up point when we were favored with this rain. Conditions are now much better in the canyon.

The weather at Bryce is considerably cooler owing to the difference in elevation. We have no means of registering the rainfall, however it has been sufficient to make plant life grow. The maximum weather was 84 degrees on the 8th and 9th, the minimum 34 degrees on the 13th, with an average of 63.2 for the month.

100 Administrative

120 Park Inspections

121. By Superintendent. On July 6 in company with Chief Landscape Architect Vint and Assistant Landscape Architect Langley inspections were made of the Valley and East Rim Roads, existing utility area and the public camp-

grounds, and the plans for the residential and utility areas including the incinerator location in Oak Creek and the new housekeeping and public campground layout in the south entrance area were examined on the ground. Some revisions were made in the south entrance plans. On the 10th when President Gray, Vice President Adams, Chief Engineer Blanchard and Mr. Wells and Parry were in Zion for a few hours en route to the North Rim, they were shown on the ground the landscape plans for the south entrance area. President Gray expressed himself as being satisfied with the plans. On the 12th I went to Bryce Canyon National Park via Cedar City and Cedar Breaks, meeting Mr. Langley at Cedar City and on the 13th we made a final inspection of the Bryce Rim Road and selected a location for the office building. I returned to Zion on the 13th. Following Assistant Director Bryant's arrival on the 21st I was with him most of the time. We inspected the campground and museum, West Rim Trail and south entrance area. A new location for the campfire lecture was selected near the museum. We drove to the North Rim of Grand Canyon National Park on the evening of the 22nd observing the Kaibab deer en route. On the evening of the 23rd we drove to Bryce Canyon National Park and on the 24th in company with Mr. Langley I drove Dr. Bryant to Lund where he caught the train for Salt Lake City and Mr. Langley and I returned to Zion. On the 27th I went to Bryce where I had an interview with Ruby Syrett regarding his operation of occasional guided nature trips within the park and on the 28th went to Salt Lake City where I discussed land matters with Eli F. Taylor of the U. S. Land Office and met with the Utah Highway Commission with reference to transfer of state-owned sections of road in Zion National Park. On the 31st I went to Ogden to be present at the opening of bids in the District Engineer's office on August 1 for oil surfacing of the Zion Valley Road.

123. By National Park Service Officers. Mr. Vint arrived at Bryce Canyon National Park on the 3rd where he made an inspection of the Bryce Rim Road and the Utah Parks Company cafeteria layout. He came to Zion on the 5th, departing on the 6th for San Francisco.

Assistant Landscape Architect Langley was in Bryce on the beginning of the month, came to Zion with Mr. Vint on the 5th, went to the North Rim on the 6th, returned to Bryce on the 12th, accompanying me to Zion on the 24th and on the following day went to Grand Canyon.

Assistant Director H. C. Bryant arrived in Zion on the 21st, went to the North Rim on the 22nd, to Bryce on the 23rd and out on the 24th.

Assistant Superintendent Tobin of Sequoia National Park arrived in Zion from Yellowstone on the 30th to assist the chief clerk in changing over to the revised accounting system.

124. By Other Interior Department Officers. Mr. Richard T. Evans of the U. S. Geological Survey arrived in Bryce Canyon National Park early in the month for continuing his field work in the topographic mapping of the park.

## 160 Status of Alienated Lands

On my visit to Salt Lake City I ascertained through the U. S. Land Office that a parcel of 21.81 acres of land noted in the Washington Office as alienated in section 36, township 36 south, range 4 west, in Bryce Canyon National Park, actually is owned by the United States, having been originally granted to the State of Utah as school land, sold to the Union Pacific and later, after the creation of the national park, deeded by the Union Pacific to the Government. There now remain in Bryce Canyon National Park no private, state nor other alienated lands.

## 190 Personnel

Our recommendation for the appointment of J. Harold Monson as storekeeper, permanent, Zion National Park, was disapproved by the Civil Service Commission. So far no list of eligibles for transfer to the position has been received and office work is being handicapped due to continued vacancy of this position.

On the 15th Charles A. Gerrard entered on duty under temporary appointment as storekeeper. The appointment was made for Bryce Canyon National Park, but it has been necessary to retain him in Zion.

## 200 Maintenance, Improvements and New Construction

### 210 Maintenance

On the 10th a cloud burst occurred and 1.4 inches of rain fell in about three-quarters hours. The heaviest part of this storm occurred in Zion Canyon above the administrative area. Portions of the Floor of the Valley Road were covered to a depth of eighteen inches with mud and rocks. Eighty-five culverts on the park highways were clogged with rocks, causing sand and mud to flow over the top of the road. The entire system of foot trails and the West and East Rim horse trails were washed out. <sup>in sections</sup> A crew of twenty men and four trucks was necessary to repair the roads and trails and the greater part of the month since that date was necessary to get them back in shape.

There has been a shortage of water for the park headquarters area due to the springs at the head of this system breaking out and making a new spring approximately 150 feet from the old source. A small collection box was installed here with a pipe feeding into the main supply line and this has resulted in giving plenty of water for all purposes.

### 230 New Construction

The Union Construction Co. completed on July 12 its contract for the construction of Section A, Bryce Rim Road.

Award was formally made by the Secretary of the Interior to Reynolds-Ely Construction Company for the supplemental construction in Zion Tunnel. The contractors arrived at Zion on the 15th to make preliminary plans for starting work, but actual construction did not begin until about July 25. At the close of the month the contractor was erecting scaffold on the face of the cliff outside gallery 1 and in galleries 1 and 3 and was about ready to start drilling.

Advertisements for the surfacing of the Zion Valley Road were sent out under date of July 15, bids to be opened August 1.

Due to changes in guardrail installed in section A of the Bryce Rim Road, decided upon by the Landscape Division, the advertisement for section B-1 of this road in which the guardrail changes are to be included had not been issued at the close of the month.

An irrigation ditch known as the John Gifford Ditch was acquired under the purchase of land near the southern boundary of the park. This ditch was not used last season and trees and vegetation around park headquarters and in the Oak Creek section were dying very fast from lack of water. This ditch was reconstructed, the old flumes rebuilt and a diversion dam installed in the river and is now in use. This was done under "Improvement of Administrative Grounds" account.

Approval of the request for transfer of \$2,500 from post construction to river protection has been received and the money will be expended on continuation of a basket dam below the swimming pool foot bridge and dredging of the river channel at several places where heavy sand bars are turning the river into the east bank.

The campground road at Bryce was completed on the 27th. Forty-two hundred lineal feet of road with five inches of gravel for the full width of eighteen feet were constructed and fifteen hundred lineal feet of guardrail was installed.

The Zion residence being constructed under contract is progressing very well. To date the building is 35 per cent complete and 38 per cent of the allowed time has been consumed.

#### 240 Improvement of Approaches to Parks

I am informed that in the enlarged road program made possible by the relief bill the State Highway Commission has tentatively allocated funds for the reconstruction of highway 89 between Hatch, the end of a project now under construction, and the town of Glendale and for the construction of a section of highway 15 between LaVerkin and the North Creek Bridge. There is also a prospect that funds will be allocated for beginning the improvement of the Cedar City-Cedar Mountain Highway. The highway 89 <sup>section</sup> approach would complete the last link to bring this road up to a high standard all the way from the Arizona-Utah boundary past the Mt. Carmel Junction and the Bryce Junction. The LaVerkin-North Creek section of highway 15 would bring this route up to modern standards all the way from the Anderson Ranch Junction to Zion.

#### 300 Activities of Other Agencies in the Parks

#### 310 Public Service Contractors

On the 23rd the cafeteria and temporary sleeping tents in Bryce Canyon Park were placed in operation.

On the 28th a telegram was received from Director Albright advising that the Utah Parks Company had made application to close the lodge at Bryce on September 6, operating the housekeeping camp thereafter to the close of the season, and to change the operation of the Zion Lodge to informal accommodations only, effective that date. The approval of the application was recommended, providing standard cabins at Bryce were kept open and that the informal service in both parks be continued thereafter to the usual seasonal closing dates.

On the 7th Vice President Jeffers, General Manager Knickerbocker, Messrs. Lewis, Wells and Parry were in Zion for a few hours en route to the North Rim. On the following day they visited Bryce Canyon National Park, departing on the 9th. On the 10th President Gray, Vice-President Adams and Chief Engineer Blanchard were also in Zion en route to the North Rim visiting Bryce on the 11th and departing on the 12th. This party inspected the south entrance area and the valley road in Zion and the Rim Road and housekeeping camp in Bryce. I am informed verbally that during his visit to Bryce, President Gray about reached the conclusion that the construction of the proposed Southwest Approach to the park would be unjustifiable, which is in agreement with my recommendation.

### 312 Cooperation with Superintendent

On receipt of information that Ruby Syrett, who operates Ruby's Inn just outside of Bryce Canyon National Park, was having guided nature trips conducted within the park with his lodge guests as attendants, I had an interview with Mr. Syrett and requested him to discontinue such trips on the ground that such operations were irregular and in competition with our own naturalist service. Mr. Syrett agreed to comply with this request.

### 313 Schedule of Rates

The Utah Parks Company submitted for approval the following rates for temporary sleeping tents in the public auto camp center in Bryce Canyon National Park:

Tents for one or two persons without bedding or linen . . .	\$ .75
Tents for one person with bedding and linen . . . . .	1.00
Tents for two persons with bedding and linen . . . . .	1.50

The application was forwarded with my recommendation for approval.

### 314 Complaints

There was received through the Washington Office the complaint of Mr. Gerard Carter of Los Angeles against the one dollar entrance fee charged for automobiles in Zion National Park and suggesting that signs be erected at the junctions of the approach roads advising tourists that such a fee is charged. Due to the fact that it is common knowledge that entrance fees are generally charged in national parks and that it is seldom that visiting motorists arrive at our checking stations without knowledge of such an entrance charge, the recommendation has been made that no consideration be given to the suggestion.

400 Flora, Fauna and Natural Phenomena

410 Ranger, Naturalist and Guide Service

A. Summary of current operations. With the assistance of Dr. Bryant, a new campfire site was selected at Zion. This is located next to the museum and offers a view of Mt. Zion and Majestic Mountain. The older site has proved rather unsatisfactory because of the wind currents that divert the smoke low over the audience. It is hoped that a platform can be arranged at this meeting place in the near future.

The cataloging of the library at Zion has been continued and is now awaiting suitable index cards. The books are being listed in two files: by author and by subject matter, according to the prescribed system of the Park Service.

B. Summary of sale of publications.

For Zion - See form C with additional tables C1 and C2.

For Bryce - No sale of publications.

C. Field Trips.

At Zion - Daily guide trips per regular schedule were conducted. One moonlight bus trip was conducted. Cloudy weather prevented further attempts by the transportation service of the Lodge. A ranger-naturalist accompanied the bus. (Time, 9:45 P.M.)

At Bryce - The regular morning hike down the Comanche and back the Navajo Trails has been the regular routine. This trip, which is particularly directed toward pointing out the forces of erosion at work in the canyon, also the factors responsible for the plant and animal life, has continued to prove very popular. The average field attendance per trip into the canyon is about 31. Larger crowds are somewhat hard to handle, due to the gradient and narrowness of the trail.

Special trips to the rim points and over the new rim highway have been conducted in the afternoon. The auto caravan idea has been carried out to a certain extent. With the completion of the Rim Road to the Natural Bridge, regular scheduled auto caravan trips should prove popular. The average number for the month on the afternoon trip is 21.

D. Lectures.

At Zion - Conducted regularly every night at the Lodge and at the campfire. On several occasions rain prevented the latter meetings. An afternoon lecture at the Museum on the reptiles of the park has proved very popular. When moonlight trips are conducted a short lecture has been given at the Temple of Sinawava on Indian legends pertaining to the canyon.

At Bryce - Two regular lectures have been given each day. The one at Sunset Point (9:00 A.M.) covers briefly the geology of the region, the carving of the canyon by the various agents of erosion and the pointing out of evidence to

show the rate of erosion. The regular evening lectures at the Lodge have been given by Ranger Cope and Ranger-Naturalist Weight. Each lecture is illustrated by colored lantern slides.

420 Museum Service

At Zion - Revised diagrammatic charts of the topographical and geological sections of Bryce, Zion and Grand Canyon have been made for use with the geological column recently constructed. A lawn has been planted about the outdoor exhibit of petrified trees. Three excellent volcanic bombs have been set in a temporary outdoor exhibit. Mr. Ford, the Utah Parks photographer, has prepared a set of photographs of certain scenes in Bryce and Zion. These were donated to the Museum and have been placed on screens for exhibit. The set consists of 14 colored and uncolored photos.

With the assistance of a taxidermist employed on a senior laborer basis, various animal specimens were added to the museum during July. The specimens have been mounted in a life-like manner and will be arranged in habitat groups as soon as possible. A summary of the new mounts is as follows:

<u>Type</u>	<u>No. of Specimens</u>
Mammals	
For Zion (new) . . . . .	20
For Zion (remount) . . . . .	1
For Bryce (new) . . . . .	1
Amphibians (for Zion) . . . . .	2
Reptiles (for Zion) . . . . .	7
Birds (for Zion) . . . . .	27
Total . . . . .	58

A detailed list and description of these new mounts will be included in the Nature Notes. As there is no place to exhibit specimens of this type at Bryce, the work for the present has been confined to Zion.

Plans are under way to secure an early settler log cabin and add the same to the museum exhibit. This has met the approval of Assistant Director Bryant and if full arrangements can be made it will become a part of the museum. This will house all the early Mormon relics in a manner far superior to the present display and will at the same time create interest on the part of the local people in the welfare of the museum, interest visitors and allow more room at the main museum for unifying the exhibits.

MUSEUM VISITORS RECORD (Zion)

Date	Day	No.	Date	Day	No.	Date	Day	No.
1	Friday	99	11	Monday	56	22	Friday	94
2	Saturday	105	12	Tuesday	106	23	Saturday	129
3	Sunday	170	13	Wednesday	120	24	Sunday	245
4	Monday	250	14	Thursday	123	25	Monday	135
5	Tuesday	92	15	Friday	117	26	Tuesday	67
6	Wednesday	63	16	Saturday	157	27	Wednesday	153

Date	Day	No.	Date	Day	No.	Date	Day	No.
7	Thursday	94	17	Sunday	143	28	Thursday	106
8	Friday	109	18	Monday	63	29	Friday	96
9	Saturday	72	19	Tuesday	83	30	Saturday	111
10	Sunday	70	20	Wednesday	108	31	Sunday	108
			21	Thursday	98		Total	3,463

At Bryce - Local wild flowers common to the park have been displayed on the museum table in the recreation room at the Lodge. Much interest is shown by the tourists when examining the various articles.

#### 430 Archeology

No additional activities other than regular lectures on the Indian life, customs and legends.

##### Prehistory and History

Several hours have been spent by the naturalist and ranger-naturalists in examining old settler dwellings. (See section 420)

#### 440 Insect Control

Rain in the early part of the month filled the drain ditches in the lower portions of Zion so that the water does not run off but stands in pools. In several places it has been necessary to oil these ponds to keep down mesquitos.

#### 470 Animals

Deer are seen every day in Zion. Many does and fawn are seen along the highway in the evening and early morning. Porcupines are very numerous in Bryce and a few are seen in Zion, especially on the rims. More deer are seen in Bryce than have been for years.

Stockmen reported that cougars were killing stock in and near the park line at Bryce and relief was sought through the government hunters. No permission has been granted the hunters to hunt in the park but they have been hunting outside the park during the month.

One mountain sheep continues to range at the south entrance in the vicinity of Oak Creek.

#### 480 Natural Phenomena

Recently a gopher snake in one of the museum cages laid eleven eggs in one afternoon. These are in a separate cage, partly covered with sand and kept moist. This exhibit has created a great deal of interest.

Dr. Woodbury, Ranger-Naturalist, has recently secured three new bird records for this area, namely:

1. Phainopepla  
(Phainopepla nitens Swains)
2. Blue Grosbeak  
(Guiraca caerulea lazula Less)
3. Vermilion Flycatcher  
(Pyrocephalus rubineus mexicanus ScL.)

500 Use of Park Facilities by the Public

510 Increase or Decrease in Travel

Travel in the parks has picked up some during the month, the per centage of decrease being lowered from 14.25 to 12.02, which is a difference of 2.23 per cent. 3284 automobiles carrying 10,764 people entered the park during the month; 364 of these people came in the Utah Parks stages; 988 automobiles with 2966 people camped on the public auto camp, which was 37 automobiles and 326 people more than for the same period last year. A special report of California travel shows that 1065 cars and 3021 people registered from California; 108 people riding as guests in California cars were from other states; 27 automobiles from other states but bearing California license plates entered the park during the month.

530 Visitors

- Zion - 7 - Vice President Jeffers, Union Pacific System, Omaha, General Manager Knickerbocker, L.A. & S.L., Los Angeles, Superintendent Lewis, D.C. & H. Dept., Union Pacific System, Ogden, and Mr. T. A. Wells and G. R. Parry, Managers respectively of Hotel and Transportation Departments, Utah Parks Company. President Carl Gray, Vice President E. B. Adams and Chief Engineer Blanchard, Union Pacific System, Omaha.
- 16-19 - Dr. F. W. Wersebee with party of five boys from Washington, Connecticut.
- 16-20 - Trail Finders, Los Angeles. (Fifteen boys, Harry C. James, leader.)
- 21 - Mr. Henry Hathaway and wife, Paramount Pictures Corporation, Los Angeles. Mr. Hathaway visited us for the purpose of studying scenes in the park with a view to taking some scenes here in connection with a picture under production.
- 23 - Congressman S. S. Arentz of Nevada.
- 24 - 110 members of the junior band of Heber City, Utah.
- 26 - Mrs. Roy Alexander and nephew, Douglass Hoyt, Los Angeles, presenting letter of introduction from Mr. Demaray.
- Bryce - 8 - Vice President Jeffers and party, Union Pacific System.
- 11 - President Gray and party, Union Pacific System.
- 19 - Dr. Wersebee and party, Washington, Connecticut.

600 Protection

620 Fire Protection

From the last of June to the 7th of July a fire burned on the west rim of Zion. Two rangers were sent out to control it. Owing to the inaccessibility of the fire, long distance from water and no soil the job of extinguishing it seemed almost hopeless for a while. The fire was burning in several canyons which were covered with leaves and needles and down timber some places two feet deep. Pine roots, sometimes 150 feet long, were growing through the rocks. The fire would get started in one of these pitchy roots under the ledge or in a seam where men could not get at them and burn for a day or two and break out in some new place under the leaves on the opposite side of a reef of rocks. Also, these canyons on the steep slope caused an up draft and with a little wind sparks would fly for long distances. All that could be done was to back fire and cut the brush and dead wood and pile them in the burning area and guard the outside while it burned. No great damage was done by this fire as it occurred in an area that is never seen or visited by guests.

A small fire of incendiary origin was reported on the 19th at Bryce. It burned only a few square rods and did no damage at all. It was extinguished by a park ranger, and as it occurred in the Powell National Forest, it was reported to the Forest Supervisor.

Another fire was reported in Dave's Hollow about two miles west of the checking station on the south slope of the canyon in the Powell National Forest by Forest Ranger Jergensen. Two rangers went out from the park and helped get it under control and then left the forest ranger to watch it. Neither of these fires originated on park lands nor burned into the park.

900 Miscellaneous

Manuscripts and sketches are on hand for June, July and August Nature Notes. Two visiting artists have contributed to the front piece, one with a sketch of the Golden Eagle, the other with a sketch of the Altar and Pulpit.

At Bryce - A woodchuck and a porcupine were sent to Zion for mounting. These animals will become permanent museum specimens when finished. Many new plant species common to the park have been collected during the month. The total collected during June and July of this year is 164 specimens. Some are duplicates, but with the new ones of this year and those collected last a total of some 250 different species will be in the Bryce Canyon Herbarium.

Very truly yours,

P. P. Patraw  
Superintendent

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
ZION NATIONAL PARK UTAH

State	1932				1931			
	Cars	Pass.	Stags	Misc.	Cars	Pass.	Cars	Pass.
Alabama	4:	9:	1:	:	4:	10:	0:	4
Arkansas	5:	13:	0:	0:	5:	13:	9:	26
Arizona	332:	1017:	1:	0:	332:	1018:	440:	1284
California	3470:	9694:	92:	13:	3470:	9699:	4592:	12724
Colorado	228:	604:	6:	0:	228:	610:	310:	927
Connecticut	20:	51:	22:	0:	20:	73:	19:	68
Delaware	4:	11:	3:	0:	4:	14:	3:	18
Dist. Columbia	52:	93:	9:	0:	52:	102:	22:	84
Florida	15:	60:	1:	0:	15:	60:	17:	58
Georgia	6:	20:	7:	0:	6:	27:	6:	22
Idaho	127:	375:	4:	5:	127:	384:	222:	602
Illinois	188:	374:	40:	0:	188:	614:	178:	507
Indiana	50:	142:	4:	0:	50:	146:	48:	168
Iowa	77:	233:	1:	0:	77:	234:	74:	257
Kansas	43:	145:	0:	2:	43:	147:	67:	192
Kentucky	16:	49:	2:	2:	16:	53:	16:	54
Louisiana	4:	11:	0:	0:	4:	11:	5:	23
Maine	5:	11:	2:	0:	5:	13:	7:	20
Maryland	16:	45:	19:	0:	16:	62:	12:	47
Massachusetts	60:	168:	41:	0:	60:	209:	44:	210
Michigan	98:	272:	3:	1:	98:	276:	67:	234
Minnesota	72:	227:	1:	0:	72:	226:	72:	251
Mississippi	2:	6:	1:	0:	2:	6:	3:	9
Missouri	78:	208:	17:	1:	78:	226:	71:	237
Montana	74:	195:	9:	0:	74:	204:	93:	263
Nebraska	85:	255:	9:	0:	85:	264:	79:	290
Nevada	290:	922:	1:	0:	290:	923:	322:	997
New Hampshire	1:	2:	1:	0:	1:	3:	3:	10
New Jersey	63:	175:	36:	1:	63:	212:	53:	226
New Mexico	51:	101:	1:	1:	51:	102:	42:	122
New York	173:	495:	121:	3:	173:	619:	156:	634
North Carolina	5:	15:	3:	0:	5:	18:	17:	67
North Dakota	26:	77:	0:	0:	26:	77:	12:	37
Ohio	113:	315:	46:	1:	113:	362:	149:	545
Oklahoma	29:	78:	0:	0:	29:	78:	55:	189
Oregon	62:	178:	5:	1:	62:	181:	81:	210
Pennsylvania	108:	302:	43:	3:	108:	348:	95:	392
Rhode Island	8:	21:	5:	0:	8:	26:	6:	25
South Dakota	36:	115:	0:	0:	36:	115:	24:	85
South Carolina	2:	2:	10:	0:	1:	12:	1:	9
Tennessee	10:	31:	0:	0:	10:	31:	7:	32
Texas	74:	226:	0:	2:	74:	228:	129:	380
Utah	4792:	15747:	39:	27:	4792:	15813:	4567:	15862

Vermont .....	4:	7:	1:	0:	4:	8:	1:	9
Virginia .....	14:	38:	11:	0:	14:	49:	8:	34
Washington .....	113:	310:	6:	1:	113:	317:	146:	423
West Virginia .....	14:	42:	0:	0:	14:	42:	4:	37
Wisconsin .....	65:	188:	12:	2:	65:	202:	53:	186
Wyoming .....	71:	194:	0:	0:	71:	194:	96:	273
Alaska .....	8:	0:	0:	0:	0:	0:	3:	2
Australia .....	0:	0:	0:	0:	0:	0:	1:	3
Austria .....	1:	3:	0:	0:	2:	3:	0:	0
Belgium .....	0:	0:	1:	0:	0:	1:	0:	2
Canada .....	19:	75:	4:	0:	19:	79:	29:	82
Canal Zone .....	5:	12:	0:	0:	5:	12:	0:	0:
China .....	1:	7:	1:	0:	1:	8:	0:	0
Czechoslovakia .....	0:	0:	0:	0:	0:	0:	0:	1
Denmark .....	0:	0:	0:	0:	0:	0:	0:	1
England .....	3:	6:	1:	0:	3:	7:	0:	7
Finland .....	1:	2:	0:	0:	1:	2:	0:	0:
France .....	1:	3:	0:	0:	1:	3:	1:	3
Germany .....	1:	3:	0:	0:	1:	3:	0:	0
Hawaii .....	9:	27:	3:	1:	9:	31:	5:	21
Haiti .....	1:	5:	0:	0:	1:	5:	0:	0
Holland .....	0:	0:	0:	0:	0:	0:	0:	1
India .....	1:	2:	0:	0:	1:	2:	1:	2
Ireland .....	0:	0:	2:	0:	0:	2:	0:	0
Manchuria .....	1:	2:	0:	0:	1:	2:	0:	0
Mexico .....	3:	9:	0:	0:	3:	9:	2:	8
Panama .....	1:	2:	0:	0:	1:	2:	3:	11
Philippine Island .....	2:	5:	0:	0:	2:	5:	2:	11
Porto Rico .....	0:	0:	0:	0:	0:	0:	1:	2
Japan .....	0:	0:	0:	0:	0:	0:	0:	1
South Africa .....	1:	2:	0:	0:	1:	2:	1:	4
South America .....	2:	5:	0:	0:	2:	5:	2:	8
South Wales .....	0:	0:	0:	0:	0:	0:	0:	1
Scotland .....	0:	0:	1:	0:	0:	1:	0:	1
Sweden .....	0:	0:	2:	0:	0:	2:	0:	2

11268: 35134: 649: 67: 11268: 35850: 12658: 40749

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
BRYCE CANYON NATIONAL PARK, UTAH.

TRAVEL REPORT BY STATES; TOTAL TODATE, JULY 31, 1932.

STATE	: CARS	: PASS	: STAGE	: MISC	: Cars	Total 1932 : People
Alabama	3	7			3	7
Arizona	114	356	1		114	357
Arkansas	5	12			5	12
California	2441	7433	104	12	2441	7549
Colorado	134	495	8		134	495
Connecticut	14	38	11		14	49
Dist. of Columbia	13	37	5		13	42
Delaware	3	9			3	9
Florida	11	35			11	35
Georgia	5	13	4		5	17
Idaho	112	360	2		112	362
Illinois	130	388	33		130	421
Indiana	36	97	2		36	99
Iowa	48	156	1		48	157
Kansas	28	98			28	98
Kentucky	13	42	2		13	44
Maine	1	2	3		1	5
Louisiana	4	10			4	10
Maryland	16	46	10		16	56
Massachusetts	49	136	38		49	174
Michigan	47	132	6		47	138
Minnesota	48	151	2	2	48	155
Missouri	51	137	16		51	153
Montana	32	90	5		32	95
Nebraska	68	222	12		68	234
Nevada	144	540	1		144	541
New Hampshire	2	5			2	5
New Jersey	50	145	28		50	173
New Mexico	13	51	1		13	52
New York	139	396	104	1	139	501
North Carolina	3	9			3	9
North Dakota	14	36			14	36
Ohio	71	213	27		71	240
Oklahoma	12	29			12	29
Oregon	22	58	3		22	61
Pennsylvania	74	226	39		74	265
Rhode Island	5	13	4		5	17
South Carolina	1	2	1		1	3
South Dakota	20	66			20	66
Tennessee	3	11			3	11
Texas	43	132			43	132
Utah	2689	8781	64	17	2689	8862
Vermont	1	2	1		1	3
Virginia	7	16	3		7	19

(2) Travel report July 1932, Bryce Canyon.

State	Cars	Pass	Stage	Misc	Total	
					Cars	Pass
Washington	109	421	8		109	429
West Virginia	5	17			5	17
Wisconsin	59	181	8		59	189
Wyoming	44	160		1	44	161
Canal Zone	1	2			1	2
New Zealand	1	2			1	2
Haiti	1	5			1	5
Hawaii	4	15	2		4	17
Canada	29	129	3		29	132
Mexico	1	2			1	2
Phillipine Islands	1	3			1	3
Belgium			1			1
Ireland			2			2
England			1			1
Africa			1			1
Total.....	6994	22170	567	33	6994	22770

Critchlow

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

10-157  
(July, 1929)

TRAVEL REPORT

~~ZION~~ National Park for the month of **JULY, 1932.**

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
<b>PRIVATE TRANSPORTATION:</b>						
Cars first entry, . . . . .	3000	9380	3296	11593	2213	19% De.
Cars reentry, . . . . .	281	1882	142	1050	832	79.23% In.
Motorcycles, . . . . .	<del>1</del>	<del>6</del>	<del>5</del>	<del>15</del>	<del>9</del>	<del>60% De.</del>
Total motor vehicles, . . . . .	<del>3282</del>	<del>11268</del>	<del>3443</del>	<del>12658</del>	<del>1390</del>	<del>10.98% De.</del>
Persons entering via motor vehicles, . . . . .	10762	35122	11133	39162	4040	11.26% De.
Persons entering via other private transportation, . . . . .	<del>2</del>	<del>12</del>	<del>7</del>	<del>20</del>	<del>8</del>	<del>40% De.</del>
Total persons entering via private transportation, . . . . .	<del>10764</del>	<del>35134</del>	<del>11140</del>	<del>39182</del>	<del>4048</del>	<del>10% De.</del>
<b>OTHER TRANSPORTATION:</b>						
Persons entering via stages, . . . . .	364	649	785	1519	870	57.09% De.
Persons entering via trains, . . . . .						
Persons entering otherwise, . . . . .	<del>18</del>	<del>67</del>	<del>12</del>	<del>48</del>	<del>19</del>	<del>39.5% In.</del>
Total other transportation, . . . . .	<del>382</del>	<del>716</del>	<del>797</del>	<del>1567</del>	<del>889</del>	<del>54.3% De.</del>
GRAND TOTAL ALL VISITORS, . . . . .	<del>11146</del>	<del>35850</del>	<del>11937</del>	<del>40749</del>	<del>4899</del>	<del>12.02% De.</del>

	This Year	Last Year	Increase	
			Number	Percent
Local travel to date 1932, 3430 Cars, 12128 People.				
Local travel to date 1931, 2603 Cars, 8215 People.				
Automobiles in public camps during month, . . . . .	988	951	37	3.8% In.
Campers in public camps during month, . . . . .	2966	3292	326	9.9% De.

10-157  
(July, 1929)

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TRAVEL REPORT

Bryce Canyon National Park for the month of July, 1932

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
<u>PRIVATE TRANSPORTATION:</u>						
Cars first entry, . . . . .	2426	6994	2616	7772	- 777	- 0.099
Cars reentry, . . . . .						
Motorcycles, . . . . .	0	0	2	5	- 5	- 500.00
Total motor vehicles, . . . . .	2426	6994	2618	7777	- 782	- 0.100
Persons entering via motor vehicles, . . . . .	8083	22170	8689	26554	- 4384	- 0.160
Persons entering via other private transportation, . . . . .						
Total persons entering via private transportation, . . . . .	8083	22170	8689	26554	- 4384	- 0.160
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages, . . . . .	307	567	838	864 1341	- 774	- 0.577
Persons entering via trains, . . . . .						
Persons entering otherwise, . . . . .		33			27	0.818
Total other transportation, . . . . .	307	600	864	1342	- 747	- 0.554
GRAND TOTAL ALL VISITORS, . . . . .	8390	22770	9553	27901	- 5151	- 0.183

	This Year	Last Year	Increase	
			Number	Percent

Automobiles in public camps during month, . . . . . 696  
 Campers in public camps during month, . . . . . 2346

Fagorgron

WEATHER REPORT FOR THE MONTH OF JULY, 1932.

ZION NATIONAL PARK, UTAH

TEMPERATURES:

Mean Maximum .....	93.87
Mean Minimum .....	67.35
Mean .....	81.32
Maximum .....	105 on the 7th
Minimum .....	59 on 14 and 18th

PRECIPITATION:

Total .....	3.59 inches
Greatest in 24 hours .....	1.40 date 10th

NUMBER OF DAYS-

With .01 inch or more precipitation .....	5
---	---

Clear, 19; partly cloudy, 2; cloudy, 10.

Byrne Canyon National Park Weather Report  
for the month of July - 1932

Temperature:

mean maximum	-	77.8	above
mean minimum	-	48.6	above
mean	-	63.2	above
maximum	—	84.	on 8 and 9 <sup>th</sup>
minimum	—	34.	on 13.

Precipitation:

heavy rain on	-	1-10-11-12-30
light showers on		17-18-28-29
sprinkle on		26-
heavy wind on	-	9-13.

Weather:

days clear	10
days partly cloudy	10
days cloudy	11

Maurice Dope  
(observer)

10-159  
 (May, 1931)

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Zion-Bryce National Park for the Month of July, 1932

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	20	40	22	68
Number of additions	1	60	1	22
Total	21	100	23	90
Number of separations		68		8
Number of employees close of month	21	32	23	82
Number of promotions during month				
Aggregate amount of annual leave taken			1	
Aggregate amount of sick leave taken			1	
Aggregate amount of leave without pay				

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Zion National Park for the Month of July, 1932

	This Year	Last Year
Park revenue on hand beginning of month, . . . . .	411.00	775.00
Received, . . . . .	<u>3194.00</u>	<u>3240.00</u>
Total, . . . . .	3605.00	4015.00
Remitted, . . . . .	<u>2457.00</u>	<u>3538.00</u>
On hand close of month, . . . . .	<u>1148.00</u>	<u>477.00</u>
Park revenues received this year to date, . . . . .		3194.00
Park revenues received last year to date, . . . . .		3240.00
<del>Increase</del> Decrease . . . . .		<u>54.00</u>
Per cent of <del>increase</del> decrease . . . . .		<u>1.66-2/3</u>

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, . . . . .	99	99
Received during month, . . . . .		
Total, . . . . .	99	99
Sold during month, . . . . .	27	27
On hand at close of month, . . . . .	72	72

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, . . . . .	22.00
Sales during month, . . . . .	27.00
Total, . . . . .	49.00
Remitted during month, . . . . .	22.00
Balance, . . . . .	27.00

## DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

## STATUS OF AUTHORIZED PROJECTS

Zion-Bryce National Park for the Month of July, 1932

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
<u>Zion</u>				
407 Employees quarters	35	35		Sept. 30, 1932
412 Equipment shed	00			October 31, 1932
489 Landscaping	50	50		June 30, 1933
504.4 Post construction	10	5		June 30, 1933
504.6 Roadside cleanup	100	5	5	
<u>Bryce</u>				
413 Employees quarters	00			Oct. 31, 1932
414 Information office	00			Oct. 31, 1932
505 Camp road	90	30	30	June 30, 1933

## DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

## STATUS OF AUTHORIZED PROJECTS

Zion-Bryce National Park for the Month of July, 1932.

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
<u>Zion</u>				
407 Employees quarters	35			
412 Equipment shed	00			
489 Landscaping	50			
		Average number of men employed		<u>4.32</u>
504.4 Post construction	10			
504.6 Roadside cleanup	100			
		Average number of men employed		<u>1.57</u>
<u>Bryce</u>				
413 Employees quarters	00			
414 Information office	00			
		Average number of men employed		<u>0.00</u>
505 Camp road	90			
		Average number of men employed		<u>21.67</u>