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July 1934

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, 1934

The Director  
National Park Service  
Washington D. C.

Dear Mr. Director:

The following is my report of activities and conditions in Zion and Bryce Canyon National Parks and Cedar Breaks National Monument during the month of July, 1934:

000 General

010 Introductory

The month of July has been one of the busiest in the history of the park from the standpoint of all activities - visitors, educational work, and construction work. The total registration of visitors, (12,203 at Bryce; 14,241 at Zion) establishes new high monthly records for each park and marks the biggest travel month in the history of the parks. The organization of a new drought relief camp also added much to administrative work.

There were two most noteworthy activities, one of which was the well planned and executed celebration in dedication of the creation of Cedar Breaks as a national monument, held on July 4. The attendance was nearly 2,000 people, and included many noted persons, including Governor Henry H. Blood, President Heber J. Grant of the Church of L.D.S., Mr. Leo A. Borah, member of the editorial staff of the National Geographic Society, Assistant Director Harold C. Bryant of the National Park Service, President Carl Gray of the Union Pacific System, and W. M. Jeffers, Vice President of the Union Pacific System and President of the Utah Parks Company.

The other noteworthy event was the photographing of the group parks (Zion, Bryce and the North Rim of Grand Canyon) in color by the Fitzpatrick Pictures, affiliated with Metro-Goldwyn-Mayer. It is our understanding that these technicolor films will have travel talks added not only in English but in several foreign languages, and will be given world-wide distribution.

The visit of Mr. Leo A. Borah to these parks was mentioned in the previous month's report.

## 020 General Weather Conditions

Zion. The weather continued warm throughout the month, with only light showers on three days, and a heavier rainfall on the 25th of .41 inch to cool the atmosphere. Warm winds assisted in drying the ground and the foliage looks burned. It has been impossible to keep sufficient water on the young trees in the new campground area to keep them looking good. Many have died where water could not be run close enough. Many springs have dried up and stockmen are having difficulty getting sufficient water for sheep and cattle.

Bryce. The weather conditions for July were ideal. The rainfall was rather light, yet the grass and flowers are green and beautiful. The evening primrose has been one of the attracting features during the month. It has been blooming everywhere, especially on the auto camp and around the lodge. The elimination of the dust problem has been very much appreciated. On the 19th the heavy part of the storm was in the vicinity of Bryce Point. It did more damage to the trails than any storm since they were built - big fills across the trail, rock work torn out, and large rocks and debris strewn along the trails in many places. There has been plenty of water to supply the lodge and park. The general conditions look better inside the drift fence and in canyons where grazing is not allowed.

## 100 Administrative

### 110 Status of Work

On account of the storm damage to the Bryce trails, it was necessary as an emergency measure to take the organized crew off Public Works and put it on trail maintenance, resulting in lessened Public Works activities. However, efforts will be made to speed up the Public Works construction, with the early completion of all projects in mind.

### 120 Park Inspections

121 By Superintendent. On the first I went to Parowan to attend a committee meeting to make final preparations for the Cedar Breaks celebration. On the 2nd I met Assistant Director Bryant at Cedar City and escorted him to Zion. During Dr. Bryant's visit, inspections were made of all developments put in since his last visit and he also hiked part way up the Narrows by wading the stream in an effort to "sell" him the proposed project of extending the Narrows footpath, to which he had previously objected. We left Zion on the morning of the 4th, attending the Cedar Breaks celebration and following that and the picnic lunch we drove to the North Rim of the Grand Canyon, arriving there at 8:00 o'clock P.M. We left for Bryce the following afternoon and stayed

over an extra day in that park in order to meet Governor Blood, who arrived on the 6th for two or three days rest at Bryce Canyon Lodge. On the morning of the 7th Dr. Bryant and I continued on north, visiting Timpanogos Cave National Monument en route and stopped over night at Duchesne, Utah. We left early on the following morning (8th) inspecting Dinosaur National Monument in a two to three hour stay, and then drove to Salt Lake City where Dr. Bryant departed by rail. On the morning of the 9th I visited the Forest Service office and discussed with the supervisor certain details affected by the transfer of Timpanogos Cave National Monument and then returned to Zion. On the afternoon of the 14th I drove to Cedar Breaks where I met Architect Stephenson, Engineer Boles and Project Superintendent Rozelle to settle a few questions involved in location of the entrance arch and development of a campground, construction of boundary fences and selection of a proposed administrative site. Spending the night at Cedar City, I continued on to Provo the following day. On the 16th I again visited Timpanogos Cave National Monument and instructed Ranger Walker in his duties, preparation of reports, etc., and arrived at American Fork at 10:00 A.M., at which time a conference had been scheduled with the Timpanogos Cave Committee for discussion of certain problems arising due to the transfer of jurisdiction of Timpanogos Cave National Monument from the Forest Service to this office. I returned to Cedar City that evening and to Zion the following day. On the afternoon of the 24th I drove to the North Rim where I met Mr. Robert Fechner, Director of Emergency Conservation Work, and Superintendent Tillotson. We left the North Rim the following morning, arriving at Bryce at noon, where we were met by Brigadier General Whitworth, District Commander of the C.C.C. After lunch we inspected the C.C.C. camp and drove out the Rim Road as far as Natural Bridge for inspection of construction work in progress. From various rim points the approximate location of the Under-Rim Fire Trail was pointed out to Mr. Fechner. On our return we stopped at Bryce Point for a view of Bryce Canyon, but on account of the rather early hour and flat light, the view that Mr. Fechner obtained was not as fine as I would have liked. We were met at Sevier Summit by Supervisor Gurr of the Dixie National Forest, who drove Mr. Fechner in his own car to Duck Creek where there was a full camp last year and there is a side camp this year. We had intended continuing on to Cedar Breaks but finding there was no time, returned directly to Zion. The moon was full that evening and Director Fechner so enjoyed his drive up the canyon in the moonlight that the following morning he wanted another trip up the canyon to see what it looked like in daylight. We then inspected the Zion camp, in which an advance party of the new drought company had arrived two days before. We then left the park and drove to Las Vegas for lunch and continued on to Boulder Dam where Office Engineer Paige took charge and escorted us on a very thorough inspection of the Boulder Dam project. Mr. Fechner, who I understand has been a machinist, was particularly interested in the plant where the steel pins *perist* stop-while being assembled. We returned to Las Vegas in the evening, where Mr. Fechner took the 10:20 train for Los Angeles. Returning to

Zion on the 27th, Mr. Tillotson and I attended a Rotary luncheon at St. George and conferred with other people who have grazing and other interests in and in the vicinity of Grand Canyon National Monument.

123 National Park Service Officers. The visits of Assistant Director Bryant and Superintendent Tillotson are mentioned above.

Resident Architect Langley departed from these parks on the 3rd and was absent the remainder of the month.

Chief Field Naturalist Ansel F. Hall made a brief flying visit to the parks on the 9th with a small party of other persons who are interested in Mr. Hall's Monument Valley expedition.

125 Other Governmental Officers. The visit of Director Robert Fechner is mentioned above.

Assistant Secretary Rexford Tugwell of the Department of Agriculture made an overnight stop at Bryce on the 25th, en route to Ogden.

Chief Forester Silcox and Regional Forester Rutledge paid a brief visit to Bryce on the 31st en route to the Kaibab National Forest where a conference had been called to discuss the grazing situation on the Kaibab.

Dr. Herbert E. Gregory arrived at Zion on July 1 for the season to complete his survey work of the geology of Zion region.

#### 170 Plans, Maps and Surveys

A few maps have been received showing approved work projects and some work has been done on estimates and material lists for work projects under construction. The usual monthly engineering and construction reports have been prepared, and weekly cost sheets have been issued. A special report on all past activities of Emergency Conservation Work and proposed work was prepared for the information of Director Fechner during his visit.

The center line has been located through tunnels in Zion preparatory to painting traffic stripe, and such surveys have been made as were necessary to permit contractors to proceed with their work. Surveys in Bryce have continued on location of trail projects, water and sewer line and boundary fences. Some work has been done on boundary and trail location surveys in Cedar Breaks, the campground has been laid out and water line located.

#### 180 Circulars, Publicity

The regular May-June issue of Nature Notes was mimeographed and distributed during the first week of the month. A news release dated

July 14 covering the discovery of Zion Canyon was sent to all Utah papers.

200 Maintenance, Improvements and New Construction

210 Maintenance

Zion

A small crew has been employed removing slides at the Nevada Switch-back on the East Rim Road and constructing temporary barriers to protect the roadway and traffic.

Bryce. Trail maintenance has been necessary account of storms, as mentioned under paragraph 110 above.

230 New Construction

MAJOR PROJECTS

Bryce

Project 1B3D, Grading and Base Surfacing. Rough grading has been practically completed to the end of the project, and about one-half the project has been base gravel surfaced. The contractor's work is well in advance of schedule.

Project 1A61D, Oil Surfacing. At the close of the month blacktop surfacing had been entirely completed and a start made on placing the seal coat. An excellent, attractive job is being obtained. Weather conditions at Bryce have been favorable for construction work.

MINOR PROJECTS

Public Works

Zion

FP-16, Five-room Residence. 9.5 per cent complete, consisting of foundations 95 per cent complete.

FP-17, Four-room Residence. 8.2 per cent complete, consisting of foundations 90 per cent complete.

FP-18, Comfort Station. Excavations for footings are complete.

The above three projects are all under contract.

FP-20, Sewer-Water System. Bottom of storage reservoir has been poured ready for form work. All materials have been purchased and delivered with the exception of some minor items that have not been received.

FP-22, Employees Residence, East Entrance. Rock is being quarried and stone work is being done with walls well above floor line. Stone work is 65 per cent complete. This work is being done by force account.

FP-23, East Entrance Water System. This project is now complete.

FP-24, Electric System. Material has been purchased. Installation will be commenced as soon as wire is received. All other materials have been delivered.

FP-169, Stream Protection. One hundred feet of masonry wall has been completed at Cable Creek junction, completing this project insofar as funds are available.

FP-170, Oak Creek Utility Road. Concrete is in place for the two bridges and stone wing walls are being built.

FP-171-172, West Rim & Refrigerator Canyon Trails. Surfacing of these trails from foot of grade at ford to about 400 feet below where trail leaves Refrigerator Canyon has been finished. This trail is now in good condition and is appreciated by all who use it.

FP-175, Footpaths to Camp and Building Headquarters. Three hundred feet of stone curb has been set.

### Bryce

FP-8, Employees Cabins. Most of the materials have been purchased by the Park Service, and contract has been let for labor involved in the actual construction. Enclosure has been completed and finishing is near being done.

FP-10, Water System. Service was installed to the two employees cabins.

FP-156, Post Construction of Roads. Logs in parking area were cut back and rearranged to permit better parking.

FP-235, Surfacing Footpaths. This is a new project set up from funds transferred from projects FP-156, 159, 162 and 165. The asphalt surfacing is being done under contract by local highway contractors.

### Emergency Conservation Work

### Zion

The existing winter Emergency Conservation Work camp in Zion is now in process of being occupied as a newly authorized drought relief camp. Captain Charles D. Kennedy arrived July 23 with a small detachment from camp NP-3 at Bryce to prepare for enrolled men who were beginning to arrive at the close of the month. Construction work in this camp will be in charge of Daniel H. Beck, Project Superintendent.

1a-34, Forestation, South Entrance Campground. Weeds are being removed from the campground area.

15-52u, Flood Control. One hundred yards of backfill was placed behind bank revetment at the Temple of Sinawava, the material being taken from the adjoining river bed.

## Bryce

2a-4, Roadside Cleanup. Work continued, including removal and burning of decayed logs, hauling and piling of logs and poles that were suitable for construction purposes, and cutting into firewood the remainder. Some of the logs were hauled to a local sawmill and the lumber taken to Cedar Breaks and used in camp construction.

3-14a, Horse Trails. The Under-Rim Fire Trail was continued during the month with two crews, one working from the main camp on Bryce Point section and the other working from a stub camp on the Yellow Creek section. Six miles of the twenty have been completed. The Fairyland trail has been completed for one and one-half miles along the rim from the head of Fairyland. Three-fourths mile has been completed down the canyon from the head of Fairyland.

2a-27, Other Public Campground Facilities. The cleanup on the public campground has been completed and work discontinued awaiting plans and approval of locations of roads, walks, fireplaces and water service lines.

5-30, Range Fences. The east boundary fence has been delayed pending completion of survey. Posts have been cut and delivered to stock piles along the line.

## Cedar Breaks

Thirty men and two foremen from camp NP-3 at Bryce have been located in a stub camp here during the month.

5-28, Other Structures. The entrance arch is 65 per cent complete.

3-4, Roadside Cleanup. One mile of roadside cleanup has been completed.

2a-27, Other Public Campground Facilities. Public campground area cleanup has been completed.

1-30, Range Fences. Posts for boundary fence have been cut, barked, and piled at Bryce and will be hauled to Cedar Breaks for commencement of construction in August.

## 240 Improvement of Approaches to Parks

Progress seems to continue slowly on the LaVerkin Junction - Dalton Wash grading section on the approach to Zion, but tourists are gradually getting the benefit of added surfacing on the new roadway.

According to newspaper reports, the State Highway Department has made the following allocations in which these parks are interested:

- Oil mix surfacing, 8.7 miles, Glendale to Mt. Carmel Junction, \$30,000.
- Oil mix surfacing, 16 miles, Panguitch to Hatch, \$106,000.
- Oil mix surfacing, 19 miles, LaVerkin Junction to Zion National Park south entrance, \$120,000.

### 300 Activities of Other Agencies in the Parks

#### 310 Public Service Contractors

Mr. Carl Gray, President of the Union Pacific System, Mr. W. M. Jeffers, Vice President of the U. P. System and President of Utah Parks Company, and several other high ranking officials of these two companies arrived at Zion on the 3rd, made a brief inspection of the south entrance campground, visited Zion Lodge, and then continued on to the North Rim for an overnight stop. Leaving there the following morning, they arrived at Cedar Breaks in time to attend the celebration, drove to Bryce, and returned to Cedar City the same evening for departure by rail.

Good progress is being made by the contractor on the construction of the cafeteria at Zion. The foundation is complete and all the skeleton frame work was up at the close of the month.

Patronage at the lodges continued to be very favorable, although a falling off is observed at the close of the month, probably because of excessive heat. Horseback business has also been very good.

At Bryce eight additional standard lodge cabins have been moved over to the cabin camp as planned and converted into housekeeping cabins.

### 400 Flora, Fauna, and Natural Phenomena

#### 410 Ranger-Naturalist and Guide Service

##### Zion

This July has been one of the busiest in the history of educational work in Zion, with a total of 12,123 contacts. Not only have large numbers attended the field trips and lectures, but an unusual amount of interest and appreciation has been manifested by all visitors.

Nature walks have been especially popular, with an average of 80 persons on each walk, a maximum of 83. The usual schedule has been maintained, with extra attention given to special parties as follows:

July 6 - 25 members of the M.I.A. of Portage, Utah, were given a special trail trip.

July 9 - The Jackson Educational Tour (25 persons) of Selma, Ala., was given a special talk at the museum.

July 15-30 - The Trail Finders, of Altadena, Calif., a party of 16 boys under Mr. H. C. James, were given special attention on numerous occasions, including a campfire talk by Ranger-Naturalist Reid.

July 15 - A special auto caravan for the "Rochester Tour" consisting of 10 people.

July 25 - Troup 50, Timpanogos Council, Boy Scouts from Provo, Utah, under Scoutmaster George W. Brown, spent five days in the park.

July 28-30 - A group of 13 girls from Indianapolis, Indiana, led by G. H. Thompson and calling themselves the "Turquoise Trail Expedition", was given assistance on trail trips.

July 28-29 - 78 men from C.C.C. Co. No. 538, Charleston Park, Nev., under Captain Charles M. Spillman. Special attention by the entire naturalist force.

#### Bryce

With the limited personnel (1 man) at Bryce, it is impossible to contact the numbers of people that should be given information about the canyon. Two regular trips, the nature hike into the canyon and the auto caravan, were patronized each day by a comparatively large number of people as indicated by the enclosed monthly attendance sheet. Several Boy Scout and church groups were given special attention.

July 8 - Seventy deacons and teachers (L.D.S.) from Sharon Stake, Utah.

July 12 - Seventy deacons and teachers from Kolob Stake, Utah.

July 29-30 - Twenty-nine Boy Scouts, Troop 50, Provo, Utah.

July 30 - Fifteen boys directed by Mr. James from Los Angeles, Calif.

#### Cedar Breaks

After two weeks experimentation last month, the educational work at this station has now crystalized around the observation point at Point Supreme. Practically all visitors to the Breaks stop there and are contacted by the naturalist who remains at the Point during most of the day. The number contacted this month - 2562 - is exceptional considering that 1618 of the 4716 July visitors were dedication day guests whom it was difficult to contact effectively in educational work.

#### 420 Museum Service

#### Zion

The museum has been kept open ten hours per day as usual, with an average daily attendance of 100 persons.

Two important research problems have been under way throughout the month, thanks to the cooperation of visiting scientists. Dr. H. E. Gregory arrived at Zion on July 1 to complete his professional paper on Zion and Bryce geology, and also to prepare a brief popular account of local geology. He expects to continue this work for another month, and is being given assistance by Ranger-Naturalist Anderson and the park naturalist also. Dr. G. G. Town, Professor of Chemistry from the U. of Wisconsin, spent a month at Zion (June 23 to July 24) making experimental studies to determine the nature and cause of chemical erosion in Navajo Sandstone. Most of this first summer's work was devoted to development of proper technique. He expects to return next summer to complete the work with complete laboratory equipment.

#### Bryce

Several plans have been tried during the month with the objective of trying to keep the museum open all day. Up to the 15th a daily schedule of five hours was maintained. This was made possible by the aid of Mr. Cope and two checking rangers. On the 16th Mr. Henry Grantham from the C.C.C. camp at Bryce started a regular shift from 8:00 A.M. to 4:00 P.M. This arrangement has worked out very satisfactorily. Many compliments are given concerning the arrangements and general set-up of the displays in the museum.

#### Cedar Breaks

A fine beginning has been made in collecting herbarium specimens, which will be identified during the coming winter. Progress is also being made in collecting data on birds and animals, all of which is essential as the foundation of an intelligent ranger-naturalist program.

#### 455 Flora

Grape vines and other browse in Zion Canyon is showing the combined effects of drought and deer, but so far as can be now seen, it is suffering no permanent injury. Young cottonwoods and willows are not being eaten back at all. The early spring season (20-30 days early) is still being felt in the succession of floral displays; splendid lobelia (a fall bloomer) is flowering at least three weeks in advance of normal. The flower fields at Cedar Breaks and Bryce are poorer than usual on account of a dry winter and spring.

#### 460 Birds

An abundance of young robins, grosbeaks, yellow warblers and vireos have been a source of great pleasure to the campers in Zion Canyon during July. At Cedar Breaks there is a very great abundance of bird life, especially hummingbirds - black-chinned, broad-tailed and rufous.

## 470 Animals

Zion. A young coyote was seen in Zion Canyon by Assistant Superintendent T. C. Parker on July 24. This is the first known occurrence of the animal within the canyon. Deer are apparently more numerous in the canyon than last year, due probably to lack of feed and water elsewhere. A larger fawn crop is also noted this year. The deer observed are not generally in as good condition as usual. The semi-tame mountain sheep returned to our corral and spent a few days around headquarters renewing acquaintances.

Bryce. Several porcupine have been seen this month. One was killed by a car just north of the checking station. Deer have been very common around the lodge area. One doe was run over by a car about half a mile south of the lodge. She was found dead the next morning. Birds are now flocking into the canyons where the elderberries are getting ripe.

Horses and cattle have drifted in from the north entrance and the rangers have driven them out. Conditions of this nature are much better since the construction of the boundary fence, however. Sheep are grazing inside the fence along the highway south of the lodge.

Cedar Breaks. A few deer are occasionally seen near the lodge and the campground. Numerous woodchucks and porcupine are observed.

## 485 Reptiles

Bryce. For the first time since 1931 a western spade-foot toad was observed on the trail between the lodge and the museum. They feed at night and are located only after several days of stormy weather. It was reported that Mr. Bill Henderson who herds his sheep around Little Bryce found and killed a rattlesnake along the rim of the canyon about one mile south of Little Bryce Point. It was also reported that John Excell, E.C.W. Foreman, found and killed a rattlesnake just below the rim on the new trail which the C.C.C. boys are constructing from Bryce Point. Rattlesnake records at this elevation are rather unusual.

## 500 Use of Park Facilities by the Public

### 510 Increase in Travel

Zion. The 14,241 people registered during the month is an increase of 40.8 per cent over July of last year and makes an increase of 44.7 per cent for the entire season. The public campground was heavily used during the month, the total number of campers being swelled considerably by five separate parties of Boy Scouts.

Bryce. There were 12,203 visitors registered during the month, which is an increase of 64.8 per cent over July of last year. The number of visitors registered for the entire 1933 travel year was reached and passed on the 30th day of July this year.

#### 530 Visitors

1-4, Zion, Bryce & Cedar Breaks - Mr. Leo A. Borah, editorial writer for the National Geographic Society spent four days gathering data for a special Utah issue of his magazine.

4-8, Bryce & Cedar Breaks - Governor Henry H. Blood and Mrs. Blood, at Cedar Breaks celebration July 4; at Bryce 6-8.

4-10, Zion and Bryce - Dr. Ralph Teal, formerly ranger-naturalist at Yosemite and Glacier, studied the flora, fauna and other attractions of this region preparatory to joining Ansel Hall's Monument Valley Expedition as medical officer and advisor in the biological sciences.

6, Zion - Dr. and Mrs. Howell Williams of the University of California were conducted on an all day geology trip by Ranger-Naturalist Anderson. Dr. Williams has been doing research on the igneous rocks of the Navajo country.

6-9, Zion and Bryce - Miss Alice M. Ottley, Curator of Herbarium at Wellesley College, was given assistance and collecting privilege in connection with her revision of the genus *Lotus* in the United States.

10, Bryce - Mr. Johnson of the U. S. Biological Survey, Rodent Control in Utah, left two packages of gopher bait.

12, Bryce - Dr. J. B. Derieux, University of North Carolina, State College Station, Raleigh, N. C.

13, Zion - Dr. and Mrs. W. J. Breckenridge secured mammal data from the park naturalist before proceeding on a collecting trip near Kanab, Utah. Dr. Breckenridgs is Associate Curator of the Natural History Museum at the University of Minnesota.

13, Zion - Nephi Johnson Jr., eldest son of the discoverer of Zion Canyon, spent a day in the park recounting to the naturalist staff the story of his father's first trip to Zion in 1858.

13, Zion and Bryce - Mr. Garth Cate, feature writer for the Brooklyn Daily Eagle, interviewed the park naturalist for material which he intends to use in an article on the Utah parks.

18, Zion - Mrs. Charles D. Walcott, widow of the former Secretary of the Smithsonian Institute, was shown through the museum by Ranger-Naturalist Reid.

18-29, Zion - Mr. and Mrs. H. P. Webb of Los Angeles made many photographs and paintings of the canyon, some of which will be presented to the park.

23, Bryce - F. E. Clarke, 34 East 50th, New York City, publisher and writer of articles on conservation.

24, Zion - Dr. G. G. Town of the University of Wisconsin left after a month's study of chemical erosion in sandstone. On the 23rd he delivered an interesting lecture to the guests of Zion Lodge.

28, Zion and Bryce - Miss Ruth Burrier of the Washington office was shown through the park by the assistant superintendent and the naturalist at Zion, and taken on a specially conducted horseback trip in Bryce.

29, Zion and Bryce - Mr. and Mrs. W. H. Bonneville of Washington D.C. spent the day here. He is Director of the Bureau of Inquiry, Interstate Commerce Commission.

29, Bryce - Dr. M. A. Hill, Dr. C. E. Hablutzel, Mr. R. R. Powers and Mr. C. F. Deavex, all associated with the State Teachers College at Flagstaff, Arizona.

#### 600 Protection

Zion. Rangers at the entrances have carefully checked all cars for lights, speed, etc. Time is kept on people who are in the habit of driving fast between the two stations. Three parties were found lunching in the tunnel and asked to move out. Rangers at the east entrance have done a good business selling tail lights this month. Three Utah boys were sent to the south entrance checking station when caught driving in a reckless manner. They were detained a while and each one read the rules and regulations. Bus drivers continually parked on the road in the Temple of Sinawava in the narrowest places. They were told many times to park in the parking area but disregarded these instructions until Mr. Wolf, manager of the Zion Lodge, was notified, and since then they have obeyed parking rules.

On the 19th the chief ranger was notified by Ranger-Naturalist Reid that a man and his wife were doing their camp work in the public campground in the nude. He went up and investigated and found them both without clothes of any kind. He caused them to get dressed properly amid many gesticulations and some abuse from the lady. They apologized later for their conduct and kept properly clothed from then on while in the park.

Captain Robert F. Schiarer from Wheeling, West Virginia, who came in on one of the Utah Parks Company regular tours, left his name on a rock at the end of the Narrows Trail. The naturalist reported it and Mr. Schiarer was caught as he was about to leave for Grand Canyon on the bus. He was very apologetic and paid one of the bellhops for erasing the name. He stated that he did not know he was violating the rules and was willing to pay the price to learn.

Bryce. Of the many trucks used by the contractor for hauling surfacing material, it has been necessary to park only five for speeding.

On the 28th George G. Raush of Denver, Colorado, passed the checking station at a high rate of speed. He was followed to Ruby's Inn and brought back to the checking station and permitted to depart after parking for forty minutes.

Some little difficulty was encountered with a group of 59 Boy Scouts from Provo, Utah, on the 29th. They flocked into the lodge in the evening, crowded into the wash rooms and the curio store until it became necessary for the manager to ask them to keep out of the way. At 10:30 P.M. they gathered on the rim, creating a disturbance, and the ranger rounded them up and made them go back to camp and keep quiet. Arising somewhat earlier than is customary for other campers, they were noisy and disturbing, and verbal complaints were made by several campers afterward. They departed from Bryce early and came to Zion where the scout leader called on the superintendent and apologized for their conduct at Bryce. The superintendent issued certain specific instructions to the scoutmaster to govern the conduct of the boys at Zion, which were closely followed.

On the day following the evening disturbance mentioned above, Mr. Harry James of Los Angeles, who is a perennial visitor to these parks and had just concluded a long visit with his party of boys at Zion, went to Bryce with his sixteen boys. He marched his boys into the recreation room for the evening program. The guest attendance being large, Ranger-Naturalist Weight, at the request of the lodge manager, asked James if he would mind having his boys move back a few seats. Mr. James, who had apparently heard of the difficulty of the night before and perhaps having a chip on his shoulder, refused and considered that he had been insulted by the request. After a talk with Ranger Cope following the lecture, Mr. James' viewpoint improved somewhat and he continued his stay at Bryce with his boys for two more days in apparent contentment. Mr. James always does have an exceptionally fine group of boys who are always well behaved, but I suspect that he takes so much pride in them that sometimes he leans over backwards.

Cedar Breaks. Park Naturalist Presnall, Architect Stephenson, Storekeeper Gerrard, Mechanic Brockmeier and Ranger-Naturalist Croft all assisted in road patrolling, traffic directing and policing in Cedar Breaks on the 4th during the dedication celebration. Four E.C.W. foremen and fourteen C.C.C. men also assisted. Four men checked automobiles, eight were detailed to a fire fighting crew, three to first aid, and three parked automobiles in the parking area. The greatest job during the day was to prevent young people from exploding fire works.

#### 620 Fire Protection

Zion. Regular fire drills are held at the lodge; the boys are becoming very efficient and are familiar with their position or part in the drill. We called a fire drill in the C.C.C. camp at 4:50 P.M. on the 10th. A fire was started in a gas barrel in one of the buildings and green weeds and oiled rags piled on it to make smoke. Within  $4\frac{1}{2}$  minutes after the emergency call was put in Ranger Schiefer arrived and immediately connected the hose and turned on the water; Mr. Cowell arrived with other employees two minutes later, and one minute later the superintendent arrived with all other available equipment. Twelve men were at the location of the fire within 7 minutes, and within 9 minutes from the time the call was put in, the fire was out. There have been no fires in the parks this month.

#### 630 Accidents

Zion. On July 4 a Ford coupe driven by Lynn Green of Parowan tipped over on the canyon road. No one was injured but the Ford was somewhat damaged. It was reported that Green was under the influence of liquor, but no evidence of this fact was secured and Green denied the fact.

On July 7 a rear axle broke in a Chrysler driven by Russell Jones near gallery 1 in the tunnel. The car was pushed back into the gallery and left overnight. The party was forced to remain in the park four days while the car was being repaired by the Utah Parks mechanic. They were directed on several hikes and escorted by the Chief Ranger to Angel's Landing. They lost so much time here that they had to pass up a trip to Grand Canyon and Bryce, which they very much regretted. Mr. Jones and party were from Great Falls, Montana.

A Ford sedan driven by Mr. F. R. Lytle of Seely, California, was left parked on the highway near the cliff dwellings while the family climbed up to the dwellings. When they returned the car was gone. They found it bottom side up over the fill in a grove of trees. The wind had started the car rolling and it went over the bank, rolling over about three times and crushing the body, fenders and radiator. With the assistance of four other visitors the car was righted and put back on the road. It was some-

what repaired at the Springdale garage and the party went on its way to Bryce.

One of the boys in Mr. James' party was slightly injured by a rolling stone when he and two companions climbed to the summit of West Temple. The boys climbed to the top, and registered on a pad left there last winter, on the 25th of July.

Bryce. On July 6 at about 4:00 P.M. Utah Parks bus No. 48 driven by Farrel Gudmanson and carrying fourteen passengers left the highway one mile east of the head of Red Canyon. The driver, in passing a state grader, ran into a soft shoulder which caused the bus to lead off the road to the right, run along the barrow pit for 295 feet, and come to a sudden stop in a drain ditch. Two of the passengers were taken to the hospital at Panguitch and later to Cedar City. The other twelve and the driver were brought to Bryce. There were four badly injured, but not seriously, and the balance badly shocked and bruised. They were cared for in a commendable manner by the lodge management. The bus radiator was damaged, the springs broken, front axle bent, and the seats torn loose from the floor. This accident caused a stir with the officials of the company and since then the Safety Department and other departments of the company have been represented in Bryce for the purpose of making conditions safer.

On Wednesday evening, July 18, Basil Hatch of Tropic, Utah, driving a Chevrolet runabout, Utah license 72438, left Ruby's Inn about 8:40 P.M. headed for Tropic. Sitting in the seat with him were Cliff Hatch, a brother, and Marilla Riding, a friend. Dorr Hatch, another brother, was sitting in the bed behind the seat. At a point near the "Fall-off Spring" in Tropic Canyon the car ran off the road to the left and the two left wheels ran over the edge of a fifteen foot embankment. The road and embankment made a right angle turn, and the car went over head first through the air for 22 feet, struck an 18-inch log projecting from an abutment, turned end for end, and travelled through the air for another 25 feet, landing at the bottom of the canyon up side down. Dorr saw the danger and jumped, landing on a soft talus slope just under the bank and striking against a wooden culvert, breaking two ribs and receiving several body bruises. He said he didn't have time to get ready to jump, he just jumped. Cliff and Marilla were thrown clear of the car, landing about eight feet beyond where the car came to rest. Cliff was instantly killed and Marilla died in the hospital at Panguitch on July 21. Basil was lying under the rear of the car when it landed and died 1½ hours later in the Panguitch hospital. Dorr was able to climb to the top of the embankment and stop the first car that came along. Help soon arrived and all were taken care of as soon as possible. Dorr, the only witness, thought something

went wrong with the steering apparatus. The car was out of gear and coasting. The opinion of Ranger Cope after he investigated was that the driver lost control because of a sharp curve and a minor one which he had just passed, and the high rate of speed. Funeral services were held for Basil and Cliff on July 19, and for Marilla July 21. Basil and Cliff were 23 and 20 years of age respectively, and Marilla was 19. All were of Tropic, Utah.

On July 23 an Oldsmobile car driven by A. D. Young and carrying Barney Adams, Warren Hirschi, Bertha Clark and Helen Henderson, ran off the road in Tropic Canyon near the foot of the dugway, partly wrecking the car. Young got off with a skinned nose and the others were unhurt. About the time of the accident (midnight) the deputy sheriff came along. He discovered that they had been drinking, and found in their possession a bottle of whisky. They were taken before the Justice of the Peace at Tropic and fined \$5 each for having whisky in their possession.

Very truly yours,

P. P. Patraw  
Superintendent

By  
Assistant Superintendent

Travel report by state for the season to date July 31, 1933 and 1932.

States	Cars	Pass	Stage	Misc.	Cars	Pass	Cars	Pass
Alabama	8	27	0	0	8	27	7	19
Arizona	581	1850	1	5	581	1856	372	1406
Arkansas	10	36	0	0	10	36	6	20
California	5184	14662	148	3	5184	14813	3768	10944
Colorado	361	1065	3	2	361	1070	165	471
Connecticut	32	91	15	0	32	106	19	50
Delaware	2	6	0	0	2	6	1	2
Dist. of Columbia	43	118	12	0	43	130	32	92
Florida	20	78	0	0	20	78	13	42
Georgia	11	34	0	0	11	34	3	10
Idaho	188	642	0	0	188	642	131	385
Illinois	313	921	77	2	313	1000	146	466
Indiana	86	265	12	0	86	277	32	99
Iowa	113	356	7	0	113	363	44	143
Kansas	64	205	3	0	64	208	31	87
Kentucky	18	53	0	0	18	53	11	29
Louisiana	22	88	0	0	22	88	2	5
Maine	8	18	0	0	8	18	6	15
Massachusetts	79	215	31	0	79	246	48	170
Maryland	22	62	13	0	22	75	12	36
Michigan	143	392	24	0	143	416	68	198
Minnesota	125	385	7	2	125	394	57	166
Mississippi	7	27	0	0	7	27	5	13
Missouri	112	341	10	0	112	351	65	206
Montana	105	303	2	1	105	306	73	215
Nebraska	107	320	23	0	107	343	44	144
Nevada	405	1309	2	0	405	1311	282	970
New Hampshire	10	29	1	0	10	30	2	7
New Jersey	92	277	42	1	92	320	49	166
New Mexico	60	186	0	0	60	186	29	76
New York	287	791	133	0	287	924	164	618
No. Carolina	6	18	2	0	6	20	8	24
No. Dakota	15	58	1	0	5	59	11	37
Ohio	208	634	58	0	208	692	90	263
Oklahoma	65	195	3	0	65	198	18	59
Oregon	79	200	1	0	79	201	52	155
Pennsylvania	151	434	56	2	151	492	81	284
Rhode Island	8	19	1	0	8	20	7	24
So. Dakota	27	90	0	0	27	90	15	42
So. Carolina	2	9	4	0	2	13	3	7
Tennessee	19	64	0	0	19	64	6	22
Texas	157	502	0	1	157	503	55	166
Utah	4848	17619	18	15	4848	17652	3729	13472
Vermont	5	11	0	0	5	11	1	3
Virginia	8	26	4	0	8	30	7	19
Washington	160	437	8	1	160	446	106	302
West Virginia	14	51	16	0	14	67	4	11
Wisconsin	95	278	36	1	95	315	46	146
Wyoming	87	251	0	0	87	251	44	124

July 31, 1934 Continued:

Africa	3	7	0	0	3	7	0	0
Alaska	1	3	0	0	1	3	1	3
Austria	0	0	0	0	0	0	0	1
Australia	1	4	0	0	1	4	1	1
Belgium	1	4	0	0	1	4	0	0
Brazil	1	2	0	0	1	2	1	2
British W. Indies	1	4	0	0	1	4	0	0
Canada	55	177	2	0	55	179	14	43
Central America	0	0	0	0	0	0	1	2
Canal Zone	2	5	0	0	2	5	3	9
China	6	15	0	0	6	15	2	13
Czechoslovakia	0	0	0	0	0	0	0	2
Egypt	1	5	0	0	1	5	0	0
England	7	18	3	0	7	21	5	13
France	0	0	1	0	0	1	2	9
Germany	4	8	0	0	4	8	2	5
Hawaii	10	21	1	0	10	22	11	33
Holland	0	0	0	0	0	0	1	4
India	1	2	0	0	1	2	2	8
Japan	1	2	0	0	1	2	2	3
Java	0	0	0	0	0	0	0	3
Malay Islands	1	3	0	0	1	3	0	0
Mexico	6	17	0	0	6	17	1	5
New Zealand	0	0	2	0	0	2	0	0
Poland	0	0	0	0	0	0	0	1
Puerto Rico	1	5	0	0	1	5	1	2
Philippine Islands	0	0	0	0	0	0	2	10
Scotland	1	2	0	0	1	2	0	0
So. Africa	1	2	0	0	1	2	0	0
Siam	1	2	0	0	1	2	0	0
So. America	0	0	0	0	0	0	1	2
Switzerland	0	0	1	0	0	1	0	0
<b>Total travel to date</b>	<b>14678</b>	<b>46356</b>	<b>784</b>	<b>36</b>	<b>14678</b>	<b>47176</b>	<b>10022</b>	<b>32602</b>



BRUCE CANYON NATIONAL PARK

UTAH

Travel Report for July

1954

cont'd

Canada	18	55	8	11	29	92	2	11	9	24	1
China	1	3			1	3					2
Czechoslovakia											2
England	1	1	2		2	4	5				2
France			1				1		1	4	1
Germany					1	3	2				1
Hawaii	2	6			8	19	1		5	13	5
Holland											1
India			1				1				3
Java							2				1
Mexico					1	5					
New Zealand	1		1				1				
Panama									1	2	
Philippine Islands											4
Poland											1
Puerto Rico	1	5			1	5			1	2	
Switzerland			1				1				
<b>TOTALS</b>	<b>3399</b>	<b>11646</b>	<b>534</b>	<b>23</b>	<b>9596</b>	<b>32657</b>	<b>790</b>	<b>35</b>	<b>5295</b>	<b>19909</b>	<b>420</b>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
OFFICE OF NATIONAL PARKS,  
BUILDINGS, AND RESERVATIONS

TRAVEL REPORT

..... Zion National Park for the month of July 1934. ....

	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, . . . . .	3987	13600	2925	8433	5167	61.27% Inc.
Cars reentry, . . . . .	148	1051	152	1578	527	33.39% De.
Motorcycles, . . . . .	12	27	3	11	16	145.45% De.
Total motor vehicles, . . . . .	<u>4147</u>	<u>14678</u>	<u>2980</u>	<u>10023</u>	<u>4655</u>	<u>46.44% Inc.</u>
Persons entering via motor vehicles, . . . . .	13673	46319	9842	31791	14528	45.69% Inc.
Persons entering via other private transportation, . . . . .	17	37	4	14	23	164.28% Inc.
Total persons entering via private transportation, . . . . .	<u>13690</u>	<u>46356</u>	<u>9846</u>	<u>31805</u>	<u>14551</u>	<u>45.75% Inc.</u>
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages, . . . . .	549	784	268	759	25	3.29% Inc.
Persons entering via trains, . . . . .						
Persons entering otherwise, . . . . .	2	36	9	38	2	5.26% De.
Total other transportation, . . . . .	<u>551</u>	<u>820</u>	<u>277</u>	<u>797</u>	<u>23</u>	<u>2.76% Inc.</u>
GRAND TOTAL ALL VISITORS, . . . . .	<u>14241</u>	<u>47176</u>	<u>10123</u>	<u>32602</u>	<u>14547</u>	<u>44.7% Inc.</u>

Local travel this month " " " year to date	63 Cars 1815 Cars	231 Pass. 10938 Passen	This Year	Last Year	Increase	
					Number	Percent
Automobiles in public camps during month, . . . . .			974	756	218	28.83% Inc.
Campers in public camps during month, . . . . .			3028	2966	268	2.09% Inc.

10-157  
(July, 1929)

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TRAVEL REPORT

Bryce Canyon National Park for the month of July

	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, . . . . .	3305	9584	2459	5386	3698	62.53
Cars reentry, . . . . .						
Motorcycles, . . . . .	<del>4</del>	<del>12</del>	<del>2</del>	<del>9</del>	<del>3</del>	<del>33.33</del>
Total motor vehicles, . . . . .	<del>3309</del>	<del>9596</del>	<del>2461</del>	<del>5395</del>	<del>2701</del>	<del>62.76</del>
Persons entering via motor vehicles, . . . . .	11646	32657	9002	19909	12748	64.03
Persons entering via other private transportation, . . . . .						
Total persons entering via private transportation, . . . . .	<del>11646</del>	<del>32657</del>	<del>9002</del>	<del>19909</del>	<del>12748</del>	<del>64.03</del>
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages, . . . . .	534	760	260	420	340	80.95
Persons entering via trains, . . . . .						
Persons entering otherwise, . . . . .	<del>25</del>	<del>35</del>	<del>12</del>	<del>35</del>	<del>2</del>	<del>6.66</del>
Total other transportation, . . . . .	<del>559</del>	<del>795</del>	<del>272</del>	<del>455</del>	<del>342</del>	<del>75.49</del>
GRAND TOTAL ALL VISITORS, . . . . .	<del>12203</del>	<del>33452</del>	<del>9275</del>	<del>20362</del>	<del>13090</del>	<del>64.28</del>

	This Year	Last Year	Increase	
			Number	Percent
Automobiles in public camps during month, . . . . .	788	646	142	21.98
Campers in public camps during month, . . . . .	3372	2257	1115	49.40

Fagergren

WEATHER REPORT  
ZION NATIONAL PARK  
JULY, 1934

TEMPERATURES

Mean maximum . . . . .	98.74
Mean minimum . . . . .	70.26
Mean . . . . .	84.50
Maximum . . . . .	106 on 27th
Minimum . . . . .	64 on 21st & 24th

PRECIPITATION

Total . . . . .	0.73 in.
Greatest in 24 hours . . . . .	0.41 on 21st

NUMBER OF DAYS

With .01" or more precipitation . . . . .	4
Clear . . . . .	21
Partly cloudy . . . . .	9
Cloudy . . . . .	1

ALLEN T. STRUNK  
Observer

WEATHER REPORT  
BRYCE CANYON NATIONAL PARK  
JULY, 1934

Temperatures

Mean maximum . . . . .	80.0
Mean minimum . . . . .	49.0
Mean . . . . .	64.5
Maximum . . . . .	86 on 11th & 13th
Minimum . . . . .	43 on 5th
Greatest daily range . . . . .	35

Precipitation

Total for month . . . . .	1.56 in.
Greatest in 24 hours . . . . .	0.60 in.

Number of Days

Clear . . . . .	20
Partly cloudy . . . . .	5
Cloudy . . . . .	6

MAURICE COPE  
Observer

10-159  
 (May, 1931)

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Zion National Park for the Month of July, 1934

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	34	121	21	18
Number of additions				31
Total	34	121	21	49
Number of separations	1	45		48
Number of employees close of month	33	78	21	1
Number of promotions during month				
Aggregate amount of annual leave taken	8		2	
Aggregate amount of sick leave taken				
Aggregate amount of leave without pay				

No separations account retirement or reduced appropriations.

## DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

## REPORT OF PARK REVENUES

Zion National Park for the Month of July, 1934

	This Year	Last Year
Park revenue on hand beginning of month, . . . . .	960.00	447.00
Received, . . . . .	4,188.00	2,831.00
Total, . . . . .	5,148.00	3,278.00
Remitted, . . . . .	3,936.00	2,631.00
On hand close of month, . . . . .	1,212.00	647.00
Park revenues received this year to date, . . . . .		4,188.00
Park revenues received last year to date, . . . . .		2,831.00
Increase, . . . . .		1,357.00
Per cent of increase, . . . . .		47.99

10-161  
(Sept. 1933)

DEPARTMENT OF THE INTERIOR  
OFFICE OF NATIONAL PARKS,  
BUILDINGS AND RESERVATIONS

REPORT OF SALES OF PUBLICATIONS

	Number	Value
<u>GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month, .....	89	89.00
Received during month, .....	10	2.00
Total, .....	99	91.00
Sold during month, .....	74	69.20
On hand at close of month, .....	25	21.80

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, .....	\$ 41.00
Sales during month, .....	69.20
Total, .....	\$ 110.20
Remitted during month, .....	41.00
Balance, .....	69.20

## DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

## STATUS OF AUTHORIZED PROJECTS

Zion..... National Park for the Month of July, 1934

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
FP16 Employees qtrs, hdqts	10 <sup>47</sup>	10		Sept 30 1934
FP17 Employees qtrs, hdqts	00			Oct. 31 1934
FP18 Comfort sta, south ent	00			Sept 30 1934
FP19 Campground development	99		44	Sept 30 1934
FP20 Sewer-water system	97 <sup>100</sup>			Sept 30 1934
FP21 Checking sta, east ent	100			
FP22 Employees qtrs, east ent	16 <sup>36</sup>	6	10	Sept 30, 1934
FP23 Water system, east ent	100		53	
FP24 Elec sys, south ent	3 <sup>49</sup>			Sept 30, 1934
FP169 Stream protection	100	1		
FP170 Campground svce roads	94 <sup>99</sup>	7	11	Sept 30 1934
FP171 West Rim Trail	100		4	
FP172 Refrigerator Can Trail	100	8		
FP173 Valley trails	99	15		Sept 30 1934
FP174 Parking area	99			Sept 30 1934
FP175 Footpaths, hdqts	76 <sup>98</sup>	29	42	Sept 30 1934
FP176 Equipment	100			

## DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

## STATUS OF AUTHORIZED PROJECTS

Bryce Canyon

National Park for the Month of July, 1934

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
FP8 Cabins, employees	97 <sup>100</sup>	3	33	Aug 31, 1934
FP9 Ext to office bldg	5.2 <sup>11</sup>		47	Sept 30 1934
FP11 Comfort station	34 <sup>45</sup>			Sept 30 1934
FP14 Equipment shed	100		19	
FP15 Boundary fence	99			Sept 30 1934
FP10 Water sys ext to bldgs	3	3		Sept 30 1934
FP12 Water sys ext to camp	00			Sept 30 1934
FP13 Sewer sys ext	00 <sup>78</sup>			Sept 30 1934
FP156 Post const of roads	76 <sup>99</sup>	10	15	Sept 30 1934
FP157 Hdqts service roads	90			Sept 30 1934
FP158 Rim Trail const	41			Sept 30 1934
FP159 Rim footpaths	100		24	
FP160 Equipment	74			Sept 30 1934
FP161 Lodge road widening	100			
FP162 Footpath, lodge to rim	100		54	
FP163 Lodge-Bryce Camp path	100		100	
FP164 Footpaths, hdqts	19			Sept 30 1934
FP165 Footpath, PA to rim	100		60	
FP166 Prot railing, Bryce Pt	37		37	Sept 30 1934
FP235 Footpaths, asphalt sfg.	00 <sup>78</sup>			Sept 30 1934
FP331 Telephone system	11 <sup>33</sup>		11	Sept 30 1934