

June 1934  
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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Zion ..... NATIONAL PARK

FILE No.

MONTHLY REPORT FOR JUNE, 1934

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STEPHEN T. MATHER,  
*Director.*

June 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

July 10, 1934

The Director  
National Park Service  
Washington D. C.

Dear Mr. Director:

The following is my report of conditions and operations in Zion and Bryce Canyon National Parks for the month of June, 1934.

000 General

010 Introductory

The number of visitors registered at the parks continued to show a fine increase in spite of extensive drought conditions west of the Mississippi, from which most of our visitors are drawn. This year we have noticed that an unusually large proportion of the park visitors are those who normally spend their vacations abroad, in fact, the proportion is so large as to be noticeable in nearly every group that is contacted. The stimulating effect upon the naturalist force is excellent, and their attitude toward the work has been noticeably improved. The quantity, as well as the quality, of educational work has been gratifying in spite of a quite evident speeding up of park travel, with consequent shortened stops in any one place.

With the establishment of a side G.C.C. camp and the assignment of a ranger-naturalist as custodian at Cedar Breaks National Monument during the month, this area has become actively a member of the National Park family.

020 General Weather Conditions

Zion. The weather for the month has been hot and dry with no rain at all until near the end of the month. A total of .86 inch fell during the month. The thermometer registered as high as 105 on the 30th. The approach road to the south entrance, although dust oiled, is still very rough and many complaints are made by visitors who come in from Highway No. 91.

Bryce. With the exception of a few windy days the weather has been ideal. The wild flower display is unusually fine.

Detailed weather reports for both parks are attached to this letter.

100 Administrative

120 Park Inspections

121 By Superintendent. On the 3rd I went to Cedar Breaks and met there Captain Whitney and Project Superintendent Rozelle of the Bryce C.C.C. camp to decide on a site for the location of the Cedar Breaks stub camp. On the 4th a final inspection was made of the South Entrance and East Rim Road surfacing projects. I was at Bryce on the 5-6 and again on the 14-17. On the 19-20 an inspection trip was made to Lehman Caves National Monument in company with Park Naturalist Fresnall. On the 23rd I attended the monthly meeting of the Associated Civic Clubs of Southern Utah at Kanab and extended an invitation to the Association to attend the Cedar Breaks celebration. Entering into the discussion of the proposed establishment of the Wayne Wonderland National Park, I explained the difference between establishment of national parks and national monuments, and the Association decided to propose national monument status for Wayne Wonderland for the present. On the 25th in company with Mr. Langley a trip was made to Bryce to examine and approve a quarry site for base surfacing of section B-2, Bryce Rim Road.

On the 26th Assistant Superintendent Parker and Landscape Architect Langley and representatives of the Bryce camp went to Cedar Breaks to locate a site and make other preparations for the dedicatory celebration to be held on July 4.

123 By National Park Service Officers. Mr. R. O. Jennings from the Washington Office was a visitor to Zion, Bryce and Cedar Breaks from the 9th to the 12th.

Landscape Architect Harry Langley arrived on the 24th and remained in Zion and Bryce for the remainder of the month.

Forestry Inspector T. B. Flair completed his field work for Zion, Bryce and Cedar Breaks, and departed on the 14th.

125 Other Governmental Officers. On the 1st Zion received a brief visit from Secretary of Agriculture Wallace, his assistant, Paul Appleby, Deputy Chief L. I. Hewes of the Bureau of Public Roads, and W. W. McLaughlin, Bureau of Agriculture Engineer. The party was driven up the canyon road in an open car.

On the 11th Assistant Forester C. M. Granger from the Washington Office of the Forest Service and Dr. Forsling, Director of the Intermountain Forest Experiment Station were visitors at Zion for a few hours.

Colonel Edwin Butcher, Executive Officer, Fort Douglas C.C.C., was a visitor at Bryce on the 12th and at Zion on the 13th.

## 150 Equipment and Supplies

Orders were placed for the purchase of a fire pumper and an insect sprayer from Forest Protection funds and an electrically driven gasoline pump from regular Zion funds. A typewriter and an adding machine have been ordered for purchase from the Bryce equipment funds.

## 160 Status of Alienated Lands

Through correspondence with your office we have learned that certain lands in Zion National Park which were supposed to have been used by the State as base for indemnity selections were not so used. A complete report has been requested from the General Land Office as to the status of state lands within Zion National Park.

Formal release has been obtained from alleged owners covering certain personal property, shacks, fences, etc., located on lands last added to Bryce Canyon National Park. With the possession of these releases the structures will be removed.

## 170 Plans, Maps and Surveys

Field Headquarters office furnished several maps and plans, including plans for water storage reservoir, south entrance water system, east entrance water system using storage reservoir, plan designed for Lehman Caves National Monument, campground tables and cattle guards at Bryce, master plans for Cedar Breaks and Lehman Caves National Monuments, base maps of Zion, Cedar Breaks and Bryce, and several topographical sheets of Zion areas made up from recent GWA surveys.

Engineering has been done in Zion by Engineer A. E. Cowell and one rodman, with necessary additional help from local labor; in Bryce and Cedar Breaks by Engineer Boles, one instrumentman and one rodman, with some additional help from ECW forces.

### Zion

Line and grades have been established for the two new residences and one comfort station on the floor of the valley and the east entrance employees' residence. Also for the two bridges on Oak Creek utility road and the water storage reservoir and for all construction projects where required. Considerable work has been done on working up field notes for records and in preparing estimates for the purchase of materials.

### Bryce

Completed triangulation system tying in Sunrise, Inspiration and Bryce Points and the beginning of the Under-Rim administrative trail. The U. S. Bureau of Public Roads survey was used as base for triangulation. A

clinometer survey for the Under-Rim Trail extends to a point approximately midway up Yellow Creek. A spur trail is located from junction of the spur trail in Swamp Canyon to Pasture Canyon. The fence line was located to complete boundary section west of Tropic, consisting of  $2\frac{1}{2}$  miles. Existing sewer and water lines were located and studies made to determine possible location for connection with new campground area. Topography and mapping of Bryce Point was completed preparatory to study for location of guard rail. Topography was taken of area east of lodge and location made for steps on Lodge-to-Rim Trail at entrance to lodge site.

#### Cedar Breaks

Survey of two miles of boundary fence has been made. Preliminary survey of proposed water line was made and the campground site mapped.

#### 180 Publicity

Two press releases, one relating to June travel and the other to recently approved place names for Zion National Park, were issued. A considerable amount of publicity was given by local and state newspapers to plans for the Cedar Breaks celebration.

An illustrated article "An Ascent of West Temple" prepared by Park Naturalist Presnall appeared in the current issue of the Sierra Club Bulletin.

The issuance of weekly road and miscellaneous information bulletins was continued. These weekly bulletins are sent to approximately one hundred different addresses.

A supply of the new Zion-Bryce information circular for 1934 was received on the 21st.

#### 200 Maintenance, Improvements and New Construction

##### 210 Maintenance

Zion. Two general utility men were employed throughout the month for maintenance of public campground, sanitation, maintenance of administrative and residential grounds, irrigation, etc. The E.C.W. caretaker of Zion Park Camp NP-2 also worked thirty hours per week or more attending to the irrigation of transplanted trees and shrubs in the new campground. These trees and shrubs continue to grow at an amazing rate.

Rangers attended to telephone maintenance. A telephone was installed at Potato Hollow and the line repaired from that point to the west rim cabin. The telephones in the southern section of the park have been connected over to the two wire system and a four-plug switchboard installed in the park office to permit switch connections for all of the four lines coming into the office.

Warning signs were placed at prehistoric sites in Parunuweap Canyon. The installation of a water line for fire protection in the Zion Camp was started.

Maintenance of roads consisted of removing debris from gutters, cutting of weeds from bordering shoulders and spreading of surplus pea gravel over the roadway. This surplus pea gravel was placed for a seal coat and as it is evident that no more can be impacted into the surfacing, this will be the last operation of this nature.

Necessary patching of the Narrows Trail pavement has been accomplished and the trail extended about fifty feet to join it with the curb at the Temple of Sinawava. Pipe guardrail was installed at the end of the Great Arch Trail. The spring on the switchback road was walled in, a masonry basin and a hydrant installed, and an overflow drain put in to carry the water off the roadway.

Bryce. All trails were gone over and placed in good condition. The public campground was maintained in excellent condition throughout the month. A telephone line to the C.C.C. camp has been completed. As all main highways in the park are under contract, either for grading or surfacing, no park maintenance is required.

#### 230 New Construction

##### Major Projects

Zion. 1A1-3-4-4B, East Rim Road and South Entrance Road, Oil Surfacing. The contractor, W. W. Clyde and Company, completed all work on June 4. The contractor's operations were performed in a creditable manner.

Bryce. 1B2-D, Grading and Base Surfacing, Rim Road and North Entrance Road. The contractor continued to progress rapidly. Clearing and burning were completed and rough grading has been completed to about station 1070.

1A-B1-D, Oil Surfacing. Additional funds have been provided so that surfacing may be carried out to station 806, Natural Bridge. A tack coat has been placed over the whole project and blacktop has been placed on the Inspiration, Bryce and Little Bryce spurs and on about one mile of the roadway from Natural Bridge north toward park headquarters. The contractor's plant is operating very efficiently and at the present production of one thousand tons or more daily, it is expected that all blacktop surfacing will be in place by the 20th of July.

##### Minor Projects

Zion. FP-16-17-18, Employees Residences and Comfort Station. The two contractors to whom these buildings have been awarded are on the job ready to begin work.

FP-20, Sewer-Water System. Excavation is complete for water storage tank. All materials with the exception of pipe and fittings have been delivered and are being taken to the top of the hill where the tank is to be built. Three hundred feet of 3" water main has been laid to campground.

FP-22, Employees Residence, East Entrance. Rock is being quarried for this building.

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

FP-24, Electric System, South Entrance. Materials have been purchased. Installation will be commenced as soon as delivery of material is made.

FP-169, Stream Protection. Five hundred feet of heavy coping stone was placed on rock-filled basket base with stone backfill, completing bank revetment at Temple of Sinawava. Some planting was done on earth fill behind the revetment.

FP-170, South Entrance Campground Road. The grading of utility road in Oak Creek below utility area has been completed with the exception of some cleanup. Materials have been purchased and delivered for two bridges, footings excavated, and existing bridge to residential area has been raised and repaired for temporary use. Residential road has been completed with exception of a small amount of cleanup. Fifteen hundred gallons of oil were put on these roads as a dust coat.

FP-171-172, West Rim Trail; Refrigerator Canyon Trail. Surfacing of these trails from the river to upper end of Refrigerator Canyon has continued with some delays awaiting repairs to equipment. The bitumuls is making a very satisfactory and reasonably permanent surface. There remains 750 feet of the above section to complete.

FP-175, Footpath to Camp and Building Headquarters. This footpath has been graded throughout the residential area and surfaced with gravel over a clay base. About 200 feet of stone curb has been quarried.

Bryce. FP-8, Employees Cabins. Under contract; 10 per cent complete.

FP-14, Equipment Shed. Doors hung and roof painted, completing project.

FP-156, Post Construction of Roads. Log barriers to Bryce and Little Bryce Points shortened to facilitate traffic. Filling in at parking areas at Sunset and Inspiration Points and at rear of lodge complete.

FP-159, Rim Footpath. Steps at Sunrise Point complete.

FP-162, Lodge to Rim Trail. Steps complete at entrance to lodge area.

## EMERGENCY CONSERVATION WORK, Bryce and Cedar Breaks

ECW-1-27, Extension of Public Campground. Cleanup of this ground at Bryce is being done and the removal of dead timber is 95 per cent complete on the six acres. At Cedar Breaks the cleanup is completed on three acres. Down timber is collected, the rotten trees hauled to allotted places and burned, and all sound timber cut into firewood lengths and hauled and piled in designated places.

ECW-2a-4, Roadside Cleanup. Timber was removed on 3 miles at Bryce and 4 miles at Cedar Breaks, and disposed of as for extension of public campground.

ECW-3-14a, Under-Rim Fire Trail. Work has started on this trail at Bryce from two points, one starting at Bryce Point and completed for 3/4 mile; the other starts from the Rim Road at the head of Swamp Canyon and has been completed to the point where it connects with the main trail. The trail is five feet wide, including ditches, and six feet clearing.

ECW-5-30a, Range Fences. Five and one-half miles of fence on the west boundary line at Bryce has been completed. This completes the west and north boundary fence. One mile of fence on the east boundary line is complete and one mile of the proposed four miles at Cedar Breaks is complete.

Camp Construction. The camp, including warehouse, garage, machine shop, stable, and three miles of telephone line connecting with the Mountain States Telephone Company and the park lines, is complete. The camp is excellently located, with a good supply of water, and the men are well cared for.

The semi-annual report of ECW activities for Zion Park Camp NP-2 was submitted during the month.

### 240 Improvement of Approaches to Park

It seems to us that progress on the 7-mile Laverkin-Dalton Wash section under construction is very slow; progress from week to week is barely apparent and no gravel has yet been spread. The detours, although dust oiled, are rough, and the subject of many complaints. The rough grading of the new road is about complete and shoulders have been built up preparatory to placing gravel on the road bed. A bridge across North Creek is under construction in a separate contract.

A bridge across the wash at the mouth of Red Canyon is under construction. The bridge will eliminate a bad dip crossing. Bureau engineers inform us that plans and design are complete for the improvement of the section from the top of Red Canyon to the Tropic junction.

### 300 Activities of Other Agencies in the Park

#### 310 Public Service Contractors

Messrs. Jeffers and Lewis visited Zion, Bryce and Cedar Breaks on the 7-10th.

Construction of the cafeteria and cabin camp in Zion was begun on the 11th. At the close of the month excavation for the foundation and basement of the cafeteria was completed, and footings and wall of the basement partly completed.

The lodges continued to do excellent business, the increase in patronage running from 60 per cent to more than 100 per cent. The Utah Bankers Association convention at Bryce Canyon Lodge on June 15-16 was handled so successfully that there is talk of the Bar Association holding its annual convention at Zion Lodge. At the Bryce cabin camp the cabins are filled every night, and people turned away. Under the European plan the fountain at Zion Lodge is doing a large business. Sandwiches, coffee, eggs, etc., are served at the fountain.

#### 314 Complaints

A complaint was received from a camper concerning milk purchased at Zion Lodge. The matter has been referred to Mr. Hansen, with request for investigation of the milk supply, which is obtained at a Cedar City dairy.

#### 330 Cooperating Non-governmental Agencies

Dr. G. G. Town, Professor of Chemistry at the University of Wisconsin, arrived at Zion on the 23rd for two months field research on chemical erosion in the rock formations of the park. Camp and office space has been provided in the Wylie Way area for Dr. Town.

#### 400 Flora, Fauna, and Natural Phenomena

#### 410 Ranger, Naturalist and Guide Service

Zion. The ranger force consisted of a chief ranger and two permanent rangers, and three temporary rangers. Temporary Ranger John McAllister was entered on duty June 1 and assigned to the east entrance checking station. Temporary Ranger Fred R. Brueck of New York, who was selected by the Washington Office, was entered on duty on the 19th and also assigned to the east entrance checking station. Both the east and south checking stations were kept open from 7:00 A.M. to 9:00 P.M. daily.

Beginning June 4 the regular daily schedule of two guided trips, one museum lecture and two evening lectures was in operation. Previous to June 4 the campfire lecture was not practicable owing to small numbers of

campers. The number of contacts made was greater by some 400 than during any month last year, 10,004 being the total as shown on the attached form.

Several groups were given special attention, notably the following:

- June 21 - Twenty Boy Scouts from Salt Lake City.
- June 23 - Seventy members of the Athena Club of St. George, Utah, many of whom enjoyed their first view of Zion by moonlight; this in spite of the fact that they had lived all their lives within 55 miles of the park.

Bryce. The ranger force consists of one permanent ranger and two seasonal rangers. Temporary Ranger O. F. Burgener entered on duty June 1 and was assigned to the north entrance checking station. The checking station hours are so arranged that one of the checkers services are utilized in the museum-information office 2 hours per day.

Ranger-Naturalist Croft was on duty until the 20th when he was transferred to Cedar Breaks. Ranger-Naturalist Weight reported for duty for the season on June 3. More than the usual number of contacts were made in the campground, where informal talks were given as opportunities offered. Auto caravans were started on the 15th, meeting with the usual good response. In addition to the regular schedule, one evening talk was given to the local C.C.C. camp and another to the 200 delegates of the Utah Bankers Association which met in convention at Bryce on the 15-16th.

Cedar Breaks. The first educational work to be done at this monument was started on June 20 by Ranger-Naturalist Croft, who was assigned to that post for the summer. The work as tentatively organized consists of daily lectures to visitors at Point Supreme, and such informal evening contacts as can be made at the sparsely populated camp and lodge. Very good results have been attained, as shown on the attached form, the maximum number of contacts for one day being 69.

#### 420 Museum Service

Zion. The museum has been kept open ten hours daily, with comparatively large attendance. An especially complete exhibit of live reptiles adds greatly to the effectiveness of the daily reptile lecture, and the relief model is of great benefit in orienting guests who seek information on trails.

Bryce. Through the cooperation of the rangers it has been possible to keep the museum open five hours per day since Mr. Croft's departure on the 20th, previous to which it was open nine hours daily. The recent rearrangement of exhibits adds greatly to the effectiveness and attractiveness of the place. Much credit is due Mr. Croft and Mrs. Presnall for this improvement.

#### 455 Flora

The vegetative type mapping of Zion, Bryce and Cedar Breaks by Forestry Inspector Plair is now completed as to field work, and only a small amount of mapping remains to be done before the survey is completed.

#### 460 Birds

Five water ouzel nests have been discovered between the terminus of the Narrows Trail and the confluence of Orderville Gulch with the Virgin, a distance of two and one-half miles. By the end of the month the young had left all but one nest, and were moving down stream, where they often are seen by nature guide parties.

The nest of a family of buzzards was observed on the west wall of Refrigerator Canyon. Six young are just beginning to fly; they have been seen perched on a limb or rock with their wings spread.

#### 470 Animals

##### Zion

Fawn tracks were noted in the canyon on the 27th of June, but none have been seen as yet. Early in the month a fine male mountain sheep was seen near the upper entrance of the tunnel by an early morning motorist. A two-year old buck deer was found dead just below the Zion Camp on the 30th, apparently having died from eating too many green apples.

Sheep are still grazing on Horse Pasture Plateau. The owner, Mr. Hopkins, promises that he will have them out of the park by July 10. Mr. Hopkins is allowed to graze his stock here in lieu of use of his own private land at Potato Hollow and in the south end of Horse Pasture Plateau.

Cattle have drifted over the line on the east rim several times, but the owners have driven them out as soon as notified. There is very little water on the range outside the park and it is almost impossible for the stockmen to keep the stock out of the park as there is no drift fence here and the cattle are attracted by the water within the park.

Bryce. Deer are seen almost daily along Bryce rim between the lodge and Natural Bridge. There have been a few head of stock drift into the park through the fence at the north entrance.

#### 480 Natural Phenomena

Under this heading might be listed the frequent rock slides observed during a short period this month. During a period of less than a week four separate rock slides were observed in Zion Canyon. One occurred from the point of Lady Mountain early in the evening and caused quite a

bit of excitement at Zion Lodge as it was observed by many guests. The rock was completely pulverized before it reached the Emerald Pool Trail, and the atmosphere in the upper part of Zion Canyon was hazy with dust for several hours afterward. It is our theory that the high daily range in temperature of about *forty* degrees during this period was the immediate cause of the slides.

#### 485 Reptiles

On June 14 a Spotted Night Snake (Hypsiglena o. ochrorhynchus) was captured as it was crossing the canyon road about 8:30 A.M. by Assistant Superintendent Thomas C. Parker. This is the second specimen thus far recorded for Zion, and the fourth for the state of Utah.

#### 500 Use of Park Facilities by the Public

##### 510 Increase in Travel

Travel continued to increase at a gratifying rate. There were 11,152 visitors checked in at Zion during the month, as compared with 9,250 during June of last year, an increase of a little more than 20%. At Bryce there were 8,940 visitors for the month, as compared with 6,600 during June of last year, an increase of 36%. Intermittent checking operations were started at Cedar Breaks on the 20th, and during eleven days of checking at eight hours per day, there were 765 visitors registered.

It is evident that Zion will have a total registration of approximately 65,000 visitors this year, and at least 45,000 visitors will be registered at Bryce. These figures will establish new high records for each park. While the present rates of increase are gratifying, they are considerably lower than percentages of increase in previous months. It is believed that drought conditions in the west, which are becoming more and more serious, have adversely affected travel to some extent.

##### 530 Visitors

June 6 - Zion - Prof. Norman E. Hinds, of the University of California, now doing research in Grand Canyon for the Carnegie Institution, visited the park for two days. He was very helpful to the park naturalist in several phases of geology.

June 9 - Zion - Prof. and Mrs. S. B. Talmadge visited the museum and offered valuable suggestions on geologic exhibits. Professor Talmadge is head of the Department of Geology at New Mexico School of Mines, Socorro, New Mexico.

June 10-12 - Zion and Bryce - Mrs. J. U. Kelly, with the extension department of the University of California, spent three days in the park noting the natural features that would be usable in a magazine article which she is writing. The park naturalist was able to help her identify several birds, and Mrs. Patraw aided her in a special botanical field trip.

June 15-16 - Bryce - Utah State Bankers annual convention. There were 219 delegates registered, many of whom brought members of their family, swelling the party to more than 300 persons.

June 16 - Dr. and Mrs. Wood and party of Washington D. C., friends of Director Cammerer, were given a special guided trail trip by the park naturalist. Dr. Wood is Director Emeritus of the Church of the Covenant in the capitol city.

June 21 - Author Edith Hueston, of New York City, expressed appreciation of the work of Ranger-Naturalist Reid, who explained many features of Zion to her.

June 23 - Zion - Evening picnic by members of St. George and Zion Stakes, 60 people. Following the picnic supper the party attended the entertainment program at Zion Lodge and then returning to the campground put on an entertainment of their own, consisting of community singing. It was supposed to be a moonlight picnic, but unfortunately the sky was almost completely overcast.

June 27 - Zion - Upton C. Ewing, painter of the "Smiling Christ", now exhibited in the Hall of Religion at the Chicago Fair, was a two-day visitor. The privilege of using our photographic dark room was extended to him.

June 27 - An official scouting party of the Auto Club of Southern California spent an enthusiastic day in Zion Canyon. The party consisted of Messrs. P. T. Hanna, G. Duckworth, John Moore, and Harry Car, noted writer for the Los Angeles Times.

June 29 - Zion and Bryce - Mr. Leo A. Borah, member of the editorial staff of the National Geographic Society, Washington D. C., accompanied by Randall Jones of the U. P. System, arrived at Zion for a several days tour of the parks to gather data for preparation of an article on Utah to be published in a future issue of the National Geographic Magazine.

#### 540 Public Camps

Zion. There were 955 automobiles and 2,228 people using the public auto camp during the month.

Bryce. The public auto camp accommodated 562 cars and 1,959 people.

600 Protection

610 Police Protection

Zion. Mr. W. W. Clyde, contractor in the park, was stopped and cautioned on two different occasions for speeding and careless driving. He was responsible for a minor accident in which a park visitor was involved. Both cars were damaged and Mr. Clyde paid for their repair. Mr. Kopp from Kopp's Garage in Cedar City entered the park in a Buick sedan with three passengers. After leaving the station Ranger Schiefer had reason to suspect that he was carrying paid passengers into the park but as the telephone was out of order at the time he was unable to have him stopped at the other entrance. Six cars were parked for excessive speed and careless driving, and two given tickets when found parked in the wrong place. Two others were not allowed to enter the park as they were under the influence of liquor and considered unfit to drive a car.

On the morning of the first the park garage door was found open; the lock had been broken. The mechanic was unable to determine that anything had been taken.

Bryce. Thirty trucks have been hauling gravel for the contractor, and it required constant checking to keep them down to safe speed. The following truck drivers were parked for short periods as a disciplinary measure: B. J. Hall, for excessive speed; E. R. Houston, for passing a truck on a curve; N. O. Henrie for passing a truck on a blind curve; Nyle Henrie warned against speed; Austin Heywood for coasting down grade out of gear.

Mr. Morrison of the Bureau of Public Roads was reported to the office by a truck driver for passing on a curve at a high rate of speed. Mr. Morrison was reprimanded. Milo Corry, garagoman for the Utah Parks Co. refused to stop when passing the checking station. The matter was reported to the Utah Parks Company officials.

Ranger Cope has reported that water development work has been performed under the direction of the Forest Service in the southern end of the park. It was noted that green trees had been cut into log watering troughs and that the litter from the operations had not been cleaned up. The Forest Supervisor has been requested to furnish an explanation.

620 Fire Protection

Zion. A fire drill is now held at the lodge about once each week and the boys are getting trained so that they make a good, efficient fire department.

Bryce. One fire drill was called for the park employees on the 5th. A small fire was started near the chlorinator. Cope gathered fire equipment and Mr. Croft gave the warning. Part of the C.C.C. camp and many other employees soon arrived. The boys from the C.C.C. camp were at the fire in ten minutes. Three fire drills were held at the lodge. Messrs. Gale and Strouse of the safety department for the U. P. System made an inspection on the 29th.

#### 630 Accidents

Zion. Mr. Ervin Brunson of Springdale, a park employee, collided with a car driven by a park visitor at the junction of the road to the park utility area. Brunson was driving his own car, departing for home at the end of the day's work. The visitor, Mr. G. F. Scott, of Serra Madre, California, was driving down the highway when Brunson drove out on to the road and into him. Both cars were damaged considerably and after an investigation by Ranger Russell, Brunson agreed to pay all damage, and the affair was settled at the south entrance. Mr. Scott went to the Springdale Garage and had the damage partly repaired and then came back and reported to Russell that he was satisfied with the settlement and would prefer to let the matter rest.

About 10:00 A.M. June 15 a caterpillar driven by J. M. Bean on the West Rim Trail tipped over when a wall caved out. The caterpillar turned over into the trail below and Bean jumped. He fell into the trail and some rocks and an oil barrel struck him on the hips and back. He was taken to the county hospital in Cedar City where he remained a few days under the care of Dr. Macfarlane. He was back to work before the end of the month.

Bryce. Gernisie Ott, a fruit peddler, attempted to pass a truck and was cut off by an approaching car. He turned back into the road behind the truck and then found that his brakes would not hold. He ran into the rear of the truck, doing a small amount of damage. On June 24 a truck driver carelessly backed into a car owned and driven by Miss Ora Haws of Berkeley, California. Mr. Jensen, the truck driver, paid the damage and settled with Miss Haws.

On June 21 Clyde Spence, a cook at the lodge, fell from a horse while taking one of the regular guided trips through Peek-a-boo Canyon and slid down a steep slope for about forty feet. One tooth was knocked loose and he received several body bruises and cuts. One stitch was taken in his under lip.

#### 900 Miscellaneous

A party from California while driving between Zion and Anderson Ranch, found a purse with a book of traveler checks and some bills and

silver. They turned it in at the south entrance checking station and about thirty minutes later the owner arrived and identified it. The owner of the purse was certainly glad to get it, and appreciated the honesty of the people who found it. Mr. Robert Johnson of Los Angeles, Clifornia, was the man who turned the purse over to Ranger Schiefer.

One case of mumps broke out in the auto camp. The party left next morning.

Very truly yours,

P. P. Patraw  
Superintendent

TRAVEL REPORT FOR THE SEASON BY STATES TO DATE JUNE 30, 1934 and 1933

States	Cars	Pass.	Stage	Misc.	Cars	Pass.	Cars	Pass
Alabama	3	159	0	0	3	9	5	14
Arizona	411	1273	0	5	411	1278	275	1092
Arkansas	5	15	0	0	5	15	3	8
California	3556	9831	64	3	3556	9898	2400	6762
Colorado	257	754	1	2	257	757	126	349
Connecticut	17	49	0	0	17	49	8	25
Delaware	1	4	0	0	1	4	1	2
Dist. of Col.	25	63	2	0	25	65	18	46
Florida	8	21	0	0	8	21	8	23
Georgia	5	18	0	0	5	18	1	2
Idaho	150	497	0	0	150	497	105	305
Illinois	173	476	32	2	176	510	80	244
Indiana	39	114	5	0	39	119	17	50
Iowa	71	210	2	0	71	212	18	54
Kansas	26	79	2	0	26	81	15	38
Kentucky	9	26	0	0	9	26	7	13
Louisiana	5	12	0	0	5	12	1	3
Maine	3	6	0	0	3	6	2	5
Massachussetts	34	79	12	0	34	91	17	60
Maryland	12	36	0	0	12	36	8	24
Michigan	78	217	4	0	78	221	41	117
Minnesota	64	198	5	2	64	205	35	98
Mississippi	4	13	0	0	4	13	3	8
Missouri	54	163	2	0	54	165	30	94
Montana	81	228	2	1	81	231	55	157
Nebraska	69	198	2	0	69	200	29	95
Nevada	237	747	1	0	237	748	156	543
New Hampshire	7	21	0	0	7	21	1	2
New Jersey	33	95	7	1	33	103	16	57
New Mexico	42	129	0	0	42	129	21	60
New York	138	351	28	0	138	379	71	276
North Carolina	3	9	1	0	3	10	4	13
North Dakota	7	32	0	0	7	32	7	24
Ohio	100	296	23	0	100	319	48	136
Oklahoma	28	77	0	0	28	77	12	35
Oregon	62	159	1	0	62	160	41	115
Pennsylvania	68	191	7	2	68	200	32	106
Rhode Island	4	11	0	0	4	11	4	11
South Dakota	16	51	0	0	16	51	11	32
South Carolina	1	3	0	0	1	3	2	5
Tennessee	6	16	0	0	6	16	2	6
Texas	77	243	0	1	77	244	33	91
Utah	4211	14731	10	13	4211	14754	3110	10809
Vermont	4	9	0	0	4	9	1	2
Virginia	5	18	4	0	5	22	6	16
Washington	120	318	3	1	120	322	72	200
West Virginia	6	23	3	0	6	26	4	11
Wisconsin	50	144	9	1	50	154	28	92
Wyoming	76	212	0	0	76	212	31	82

Continued June 30, 1954 and 1953

Alaska	1	3	0	0	1	3	1	2
Africa	3	7	0	0	3	7	0	0
Australia	1	4	0	0	1	4	0	0
Brazil	1	2	0	0	1	2	0	0
Canada	52	94	0	0	52	94	2	2
Central America -	0	0	0	0	0	0	1	2
Canal Zone	2	5	0	0	2	5	0	0
China	4	11	0	0	4	11	0	0
Egypt	1	5	0	0	1	5	0	0
England	2	7	1	0	2	7	1	5
France -	0	0	0	0	0	0	1	2
Germany	4	8	0	0	4	8	2	4
Hawaii	9	19	1	0	9	20	2	2
Holland -	0	0	0	0	0	0	0	1
India	1	2	0	0	1	2	2	3
Malay Islands	1	3	0	0	1	3	0	0
Mexico	6	17	0	0	6	17	1	3
New Zealand	0	0	1	0	0	1	0	0
Poland -	0	0	0	0	0	0	0	1
Siam	1	2	0	0	1	2	0	0
Japan	1	2	0	0	1	2	1	2
Java -	0	0	0	0	0	0	0	2
So. America -	0	0	0	0	0	0	1	2
Total's	10531	32686	235	54	10531	32935	7542	22479

Bryce Canyon National Park, Utah  
Daily Travel for June, :

State	June				1934				1933			
	C	P	S	M	C	P	S	M	C	P	S	M
Alabama	:	:	:	:	::	1:	3:	:	::	1:	2:	:
Arizona	:	79:	287:	:	::	131:	435:	:	::	74:	228:	:
Arkansas	:	1:	4:	:	::	2:	8:	:	::	1:	5:	:
California	:	1234:	3644:	48:	::	2667:	8456:	49:	::	1548:	4781:	69: 3
Colroado	:	87:	272:	:	::	149:	476:	:	::	64:	190:	2:
Connecticut	:	4:	12:	:	::	5:	15:	:	::	3:	9:	3:
D of Columbia	:	8:	21:	1:	::	15:	46:	1:	::	6:	16:	3:
Delaware	:	1:	3:	:	::	2:	5:	:	::	1:	2:	:
Florida	:	3:	5:	:	::	5:	10:	:	::	:	:	:
Georgia	:	2:	7:	:	::	5:	13:	:	::	:	:	:
Idaho	:	37:	160:	:	::	112:	401:	:	::	56:	183:	:
Illinois	:	61:	191:	28:	::	93:	279:	28:	::	41:	124:	10:
Indiana	:	13:	43:	5:	::	10:	58:	5:	::	10:	25:	1:
Iowa	:	29:	96:	1:	::	46:	151:	1:	::	9:	34:	:
Kansas	:	15:	35:	:	::	22:	62:	2:	::	8:	19:	:
Kentucky	:	3:	13:	:	::	6:	17:	:	::	2:	5:	:
Louisiana	:	1:	4:	:	::	4:	10:	:	::	:	:	:
Maine	:	1:	2:	:	::	3:	5:	:	::	:	:	:
Maryland	:	5:	16:	:	1::	6:	19:	:	1::	4:	10:	:
Massachussetts	:	12:	26:	5:	::	22:	52:	5:	::	9:	27:	4:
Michigan	:	38:	116:	3:	::	69:	204:	3:	::	26:	77:	1:
Minnesota	:	23:	79:	5:	::	33:	105:	5:	::	9:	25:	:
Mississippi	:	2:	6:	1:	::	3:	10:	1:	::	1:	4:	:
Missouri	:	22:	66:	2:	::	30:	90:	2:	::	17:	47:	:
Montana	:	20:	62:	:	::	35:	108:	:	::	15:	47:	:
Nebraska	:	28:	84:	8:	::	49:	150:	10:	::	22:	76:	5:
Nevada	:	33:	98:	:	::	121:	389:	:	::	59:	197:	:
N Hampshire	:	2:	10:	:	::	3:	14:	:	::	1:	2:	:
N Jersey	:	10:	33:	11:	::	27:	88:	11:	::	6:	18:	:
N Mexico	:	7:	23:	:	::	13:	40:	:	::	9:	30:	:
New York	:	41:	109:	22:	2::	85:	243:	22:	2::	44:	125:	16:
N Carolina	:	:	:	:	::	2:	6:	:	::	2:	6:	:
N Dakota	:	3:	17:	:	7::	31:	:	:	::	4:	11:	:
Ohio	:	43:	125:	14:	::	61:	204:	14:	::	28:	84:	3:
Oklahoma	:	9:	31:	:	::	16:	55:	:	::	6:	18:	:
Oregon	:	14:	39:	1:	::	45:	136:	1:	::	17:	44:	:
Pennsylvania	:	33:	100:	7:	::	59:	185:	7:	::	15:	48:	10
R Island	:	:	:	:	::	5:	16:	:	::	2:	6:	:
S Carolina	:	:	:	:	::	2:	3:	:	::	:	:	:
S Dakota	:	3:	9:	:	::	8:	23:	:	::	2:	7:	2:
Tennessee	:	2:	7:	:	::	4:	13:	:	::	1:	2:	:
Texas	:	30:	95:	:	::	57:	189:	:	::	19:	60:	:
Utah	:	690:	2501:	14:	4::	2048:	7576:	33:	8::	1219:	4088:	18: 17
Vermont	:	:	:	:	::	5:	16:	:	::	:	:	:
Virginia	:	2:	7:	:	::	5:	19:	:	::	1:	3:	:
Washington	:	41:	134:	4:	::	72:	239:	4:	1::	37:	116:	:
W Virginia	:	1:	4:	3:	::	2:	8:	3:	::	2:	4:	:
Wisconsin	:	17:	55:	13:	::	47:	155:	13:	::	20:	63:	2:
Wyoming	:	12:	36:	:	::	37:	116:	:	::	8:	23:	:

(over)

Batavia	:	:	:	:	::	:	:	:	::	:	:	1:	:
Canada	:	7:	21:	:	::	13:	37:	:	::	1:	3:	:	:
China	:	:	:	:	::	:	:	:	::	:	:	1:	:
England	:	1:	3:	1:	::	1:	3:	1:	::	:	:	2:	:
France	:	:	:	:	::	:	:	:	:::	1:	4:	1:	:
Germany	:	1:	3:	2:	::	1:	3:	2:	::	:	:	:	:
Hawaii	:	3:	9:	1:	::	6:	13:	1:	::	3:	9:	2:	:
Holland	:	:	:	:	::	:	:	:	::	:	:	1:	:
Java	:	:	:	2:	::	:	:	2:	::	:	:	1:	:
Mexico	:	1:	3:	:	::	1:	3:	:	::	:	:	:	:
Poland	:	:	:	:	::	:	:	:	::	:	:	1:	:
<b>Total</b>	:	<b>2735:</b>	<b>8731:</b>	<b>202:</b>	<b>7::</b>	<b>6287:</b>	<b>21011:</b>	<b>226:</b>	<b>12::</b>	<b>3434:</b>	<b>10907:</b>	<b>160:</b>	<b>20</b>

Fagergren

NATIONAL PARK SERVICE

TRAVEL REPORT

Zion National Park for the month of June 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 . . . . .	3353	9613	2509	5608	4005	71.41 Inc.
Cars reentry . . . . .	142	903	288	1426	523	36.67 De.
Motorcycles . . . . .	4	15	3	8	7	87.5 Inc.
Total motor vehicles . . .	3499	10531	2800	7042	3489	49.54 Inc.
Persons entering via motor vehicles . . . . .	10916	32646	8876	21949	10697	48.73 Inc.
Persons entering via other private transportation . . .	5	20	3	10	10	100 Inc.
Total persons entering via private transportation . .	10921	32666	8879	21959	10707	48.76 Inc.
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages	227	235	369	491	256	52.13 De.
Persons entering via trains						
Persons entering otherwise	4	34	2	29	5	14.7 Inc.
Total other transportation	231	269	371	520	251	48.26 Inc.
GRAND TOTAL ALL VISITORS	11152	32935	9250	22479	10456	46.51 Inc.

Local travel this month	142 Cars	600 Pass.	This Year	Last Year	Increase	
					Number	Percent
" " " season	1757	" 10707				
Automobiles in public camps during month . . . . .			955	722	233	32.27 Inc.
Campers in public camps during month . . . . .			2228	2112	115	5.44 Inc.

10-157  
(July, 1929)

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TRAVEL REPORT

~~Bryce Canyon~~ National Park for the month of ~~June, 1934~~

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

PRIVATE TRANSPORTATION:

Cars first entry, . . . . .	2731	6279	2042	3427	2852	83.22
Cars reentry, . . . . .						
Motorcycles, . . . . .	<del>4</del>	<del>8</del>	<del>1</del>	<del>7</del>	<del>1</del>	<del>14.28</del>
Total motor vehicles, . . . . .	<del>2735</del>	<del>6287</del>	<del>2043</del>	<del>3434</del>	<del>2853</del>	<del>83.99</del>
Persons entering via motor vehicles, . . . . .	8731	21011	6441	10907	10104	92.63
Persons entering via other private transportation, . . . . .						
Total persons entering via private transportation, . . . . .	8731	21011	6441	10907	10104	92.63

OTHER TRANSPORTATION:

Persons entering via stages, . . . . .	202	226	145	160	66	41.25
Persons entering via trains, . . . . .						
Persons entering otherwise, . . . . .	<del>7</del>	<del>12</del>	<del>14</del>	<del>20</del>	<del>-8</del>	<del>-60.00</del>
Total other transportation, . . . . .	<del>209</del>	<del>238</del>	<del>159</del>	<del>180</del>	<del>58</del>	<del>32.22</del>
GRAND TOTAL ALL VISITORS, . . . . .	<del>8940</del>	<del>21249</del>	<del>6600</del>	<del>11087</del>	<del>10162</del>	<del>91.65</del>

	This Year	Last Year	Increase	
			Number	Percent
Automobiles in public camps during month, . . . . .				
Campers in public camps during month, . . . . .	562	496	66	13.30
	1959	1237	722	58.36

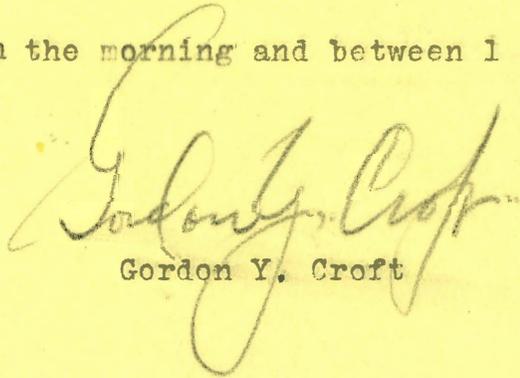
Pagergren

Cedar Breaks, Utah  
July 1, 1934

Travel report for month ending June 30, 1934

Date	No. of Cars	No. of People
June 20	15	60
" 21	18	70
" 22	20	80
" 23	17	73
" 24	20	90
" 25	28	125
" 26	27	76
" 27	21	75
" 28	17	62
" 29	23	77
" 30	12	37
<hr/>		
Total	218	765

Checking between 8 and 12 in the morning and between 1 and 4  
in the afternoon only.

  
Gordon Y. Croft

South Entrance June 1934

Travel by hours for the month of June.

Hours	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10
Automobile	5	109	131	170	163	160	175	125	140	145	148	144	141	69	52	1
People	33	380	421	534	529	507	611	454	440	457	499	446	456	226	181	2

Total for the month South Entrance 1878 cars and 6176 people

East Entrance

Hours	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10
Auto s	-	47	68	98	134	160	128	115	153	160	167	147	102	86	45	13
People	-	132	200	310	390	482	369	370	534	470	513	439	346	265	114	32

Total for month East entrance 1621 cars and 4976 people

Total Both Entrances

Hours	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10
Auto s	5	156	199	268	297	320	303	240	293	305	315	291	243	155	95	14
People	33	512	621	844	819	939	980	824	974	927	1012	885	802	491	295	34

Total for June both entrances 3499 cars and 11152 people

WEATHER REPORT  
ZION NATIONAL PARK

June, 1934

TEMPERATURE

Mean maximum . . . . . 89.23  
Mean minimum . . . . . 59.50  
Mean . . . . . 74.36  
Maximum . . . . . 105 on 30th  
Minimum . . . . . 45 on 6th

PRECIPITATION

Total . . . . . 0.86 in.  
Greatest in 24 hours . . . . . 0.59 on 24th

NUMBER OF DAYS

Clear . . . . . 20  
Partly cloudy . . . . . 8  
Cloudy . . . . . 2

ALLEN T. STRUNK

Observer

WEATHER REPORT

BRYCE CANYON NATIONAL PARK

June, 1934

TEMPERATURE

Mean maximum . . . . . 69.2  
Mean minimum . . . . . 38.5  
Mean . . . . . 53.8  
Maximum . . . . . 82 on 30th  
Minimum . . . . . 27 on 6th

PRECIPITATION

Total . . . . . 0.69  
Greatest in 24 hours 1 . . . . . 0.25

NUMBER OF DAYS

Clear . . . . . 25  
Partly cloudy . . . . . 3  
Cloudy . . . . . 2

MAURICE COPE

Observer

10-159  
(May, 1931)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Zion-Bryce Canyon National Park for the Month of June, 1934

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	30	70	19	5
Number of additions	5	97	2	40
Total	35	167	21	45
Number of separations	1	46	00	27
Number of employees close of month	34	121	21	18
Number of promotions during month				
Aggregate amount of furlough taken			1/4	
Aggregate amount of annual leave taken	2 1/2			
Aggregate amount of sick leave taken	2		1	
Aggregate amount of leave without pay			4	

No separations due to retirement or reduced appropriations.

## DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

## REPORT OF PARK REVENUES

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

	This Year	Last Year
Park revenue on hand beginning of month, . . . . .	715.65	645.00
Received, . . . . .	2,988.00	2,641.00
Total, . . . . .	3,703.65	3,286.00
Remitted, . . . . .	2,743.65	2,839.00
On hand close of month, . . . . .	960.00	447.00
Park revenues received this year to date, . . . . .		14,539.35
Park revenues received last year to date, . . . . .		12,230.00
Increase, . . . . .		2,309.35
Per cent of increase, . . . . .		18.9

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

	Number	Value
<u>GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month . . . . .	119	\$119
Received during month . . . . .	---	---
Total . . . . .	119	\$119
Sold during month. . . . .	30	\$ 30
On hand at close of month . . . . .	89	\$ 89

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. . . . .		\$ 11.00
Sales during month . . . . .		30.00
Total . . . . .		\$ 41.00
Remitted during month. . . . .		
Balance . . . . .		\$ 41.00

## DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

## STATUS OF AUTHORIZED PROJECTS

Zion National Park for the Month of June, 1934

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
FP19 Campground development	99	44		Sept. 30, 1934
FP20 Sewer-water system	97		2	Sept. 30, 1934
FP21 Checking sta, east ent	100			
FP23 Water system, east ent	100	53	16	
FP24 Elec sys, south ent	43			
FP169 Stream protection	99 <sup>100</sup>			Sept. 30, 1934
FP170 Campground svce roads	87 <sup>94</sup>	11	5	Sept. 30, 1934
FP171 West Rim Trail	100	4	5	
FP172 Refrigerator Can Trail	92 <sup>100</sup>			Sept. 30, 1934
FP183 Valley trails	84 <sup>99</sup>			Sept. 30, 1934
FP174 Parking area	99		1	Sept. 30, 1934
FP176 Equipment	100			
FP16 Employees qtrs, hdqts	00 <sup>10</sup>			Sept. 30, 1934
FP17 Employees qtrs, hdqts	00			Sept. 30, 1934
FP18 Comfort sta, south ent	00			Sept. 30, 1934
FP22 Employees qtrs, east ent	10 <sup>16</sup>	10		Sept. 30, 1934
FP175 Footpaths, hdqts	47 <sup>76</sup>	42		Sept. 30, 1934

## DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

## STATUS OF AUTHORIZED PROJECTS

Bryce Canyon

National Park for the Month of

June, 1934

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
FP8 Cabins, employees	94 <sup>97</sup>	33	61	Sept. 30, 1934
FP9 Ext to office building	52 <sup>52</sup>	47	5	Sept. 30, 1934
FP11 Comfort station	34		34	Sept. 30, 1934
FP14 Equipment shed	100	19		
FP15 Boundary fence	99			Sept. 30, 1934
FP156 Post const of roads	66 <sup>76</sup>	15	11	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
FP162 Footpath, lodge to rim	100	54	9	
FP164 Footpaths, hdqts	19			Sept. 30, 1934
FP165 Footpath, PA to rim	100	60		
FP161 Lodge road widening	100		100	
FP163 Lodge-Bryce Camp path	100	100		
FP166 Prot railing, Bryce Pt	37	37		Sept. 30, 1934
FP10 Water sys ext to bldgs	00 <sup>3</sup>			Sept. 30, 1934
FP12 Water sys ext to camp	00			Sept. 30, 1934
FP13 Sewer system ext	00			Sept. 30, 1934
FP331 Telephone system	11	11		Sept. 30, 1934