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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Zion NATIONAL PARK

FILE NO.

MONTHLY REPORT FOR APRIL, 1935

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ARNO B. CAMMERER,
Director.

April 1935

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

May 7, 1935

The Director
National Park Service
Washington D. C.

Dear Mr. Director:

The following is my report of operations and conditions in Zion and Bryce Canyon National Parks for the month of April, 1935.

000 General

010 Introductory

The biggest event at Zion during the month of April was the large crowds visiting the park on Easter Sunday, and the Easter Song Service and dedication of the new lecture circle at the south entrance campground. The 2,002 visitors registered during the day established an all time record. The 6,762 visitors for the month was also an all time high record for the month of April. On the same day (Easter Sunday) there were approximately 600 visitors at Bryce.

With the coming of spring weather, activities are beginning for the moving of one of our C.C.C. camps to Bryce. A stub camp was sent from NP-4 on the 22nd for preparing camp NP-3 for the main body of men, who will be moved over about the 10th of May.

Both parks were visited by Assistant Director Tolson and Chief Architect Vint during the month. This was Mr. Tolson's first visit to these areas.

020 General Weather Conditions

Zion. The record of abnormal precipitation continued through the month of April. While we do not have complete weather records for the past twenty years or so, it is believed that the total precipitation since November 1 to date comes close to establishing a record. The normal for this six months period is 8.036 inches, which the total of 11.250 inches during the current period exceeds by 3.214 inches. Visitors have had the pleasure of seeing several waterfalls which have poured over the ledges almost all month. This is an unusual treat in Zion. Some of the falls were clear water, while others were chocolate colored.

Although the season is late for this locality, the flowers are in blossom in the lower zones. Over the Petrified Forest and Coalpits plateau the ground is covered with a carpet of blooming desert flowers.

During the latter half of the month the river rose gradually, the average gage reading being 8.10 feet. The highest mark reached was 5 feet, on the 8th. For 4 days, 13 to 16, the park was covered with dust.

Bryce. The month has been generally cool, with high winds and cold nights. The mean maximum temperature for the month was 10 degrees lower than for April, 1934. On the morning of the 30th everything was buried under seven inches of wet snow, but the sun came out and the snow did not last long. It seems the snow is melting very slowly compared with other years. Across Whiteman Bench the snow is gone except for drifts and patches on the north side of trees. Looking toward Rainbow Point from the Natural Bridge, there seems to be plenty of snow yet in that section.

During the month a clear stream of water has been running through Campbell Canyon, and as one travels through the canyon, small waterfalls can be seen along the way.

The dust storms that have been so common in various parts of the United States did not reach here. On the 13th there was a dark blue haze that lasted during the day, followed two days later by a high wind, but no dust was seen.

The budding of oak and cottonwood trees in the canyons and green grass are the only signs of spring.

100 Administrative

120 Park Inspections

121 By Superintendent. On the night of the 16th in company with Project Superintendents Rozelle and Beck, I attended a C.C.C. educational meeting at Saint George. On the 21st and 22nd I accompanied Assistant Director Tolson and Chief Architect Vint on their inspections at Zion and Bryce. On the 29th an inspection was made of the Springdale water system intake at the head of Oak Creek in connection with an F.E.R.A. project which had been granted to the town of Springdale. The proposed development work at the springs was disapproved pending study of the situation and preparation of plans by a competent engineer.

Assistant Park Naturalist Presnell returned from his Berkeley assignment on April 2.

The Chief Ranger inspected all fire equipment in the park except two 25-man caches on the east and west rims, and all fire hydrants at headquarters. He has kept under close inspection the post cutting operations in the vicinity of the west boundary.

123 By National Park Service Officers. Chief Engineer Kittredge visited Zion from the 5th to the 8th, during which time he made inspection of the numerous construction items in the valley, the east rim road, the east rim truck trail, and the first section of the Parunuweap Trail.

Mr. Joseph Taylor, Water Rights Attorney for the National Park Service, was a visitor to Zion from the 7th to the 9th, gathering data concerning our water rights problems.

Chief Field Naturalist Ansel Hall was a brief visitor at Zion on the 16th en route to the Grand Canyon.

Assistant Director Tolson and Chief Architect Vint arrived at Zion at noon on the 21st, where they were joined by Resident Architect Langley coming in from Grand Canyon. Hurried inspections were made of all facilities in the valley, including the Narrows Trail and the East Rim Road. They left in the late afternoon for Kanab where the overnight stop was made. The next day they visited Pipe Springs and proceeded on to Bryce where they were joined by the park superintendent, Assistant Superintendent Parker, and Architect Doerner. Brief inspections were made of the Utah Parks Company and the Park Service facilities at headquarters and the Rim Road as far as Natural Bridge. Messrs. Tolson, Vint, and Langley departed about 4:00 o'clock in the afternoon en route to Colorado National Monument. Mr. Langley returned to Zion on the 23th.

Park Engineer Carrel and Landscape Architect Keihl were brief visitors at Zion en route to and from Cedar City.

Ranger and Mrs. Frank Givens of Yosemite National Park were Zion visitors from the 6th to 9th. Assistant Park Naturalist George Crow and Ranger-Naturalist Dave Condon of Yellowstone visited Zion from the 7th to 8th. Messrs. Crow and Givens cooperated in illustrated talks on their respective parks before an audience of 100 C.C.C. boys at Camp NP-4 on the 7th.

124 By Other Interior Department Officers. Investigator H. B. Burte of the Division of Investigations, Salt Lake City, was a Zion and Bryce visitor from the 5th to 7th gathering data concerning the operations of the Utah Parks Company in these parks.

Engineer A. B. Purton, U. S. G. S., Salt Lake City, was a Zion visitor on the 7th.

125 By Other Governmental Officers.

3rd - M. F. Lence, District Director of Five Western States, Department of Labor.

4th - Claude Edwards, District Manager, 5th District, Department of Labor, Cedar City.

5th - B.P.R. Engineer E. A. Knowlton, Ogden.

127 By Other Agencies

6th - Levi Muir, Materials Engineer, State Road Commission, Salt Lake City.

26th - District Engineer Osborne, Utah Highway Department, Cedar City, and Maintenance Engineer Cate, State Road Commission, Salt Lake City.

170 Plans, Maps, and Surveys

Revised master plans of Zion and Bryce were received during the month. Plans for Virgin River diversion dam and employees cabins were received; also maps showing completed and contemplated Public Works, E.C.W., and other projects in Zion, Bryce, Cedar Breaks, Lehman Caves, and Pipe Springs.

Surveys for boundary fence, east rim truck trail, and Parunuweap Trail have been continued. Some work was done on monument surveys, and surveys were continued on the Nevada Switchback stabilization project. Surveys of Oak Creek sewer have been completed, and location and profile furnished of water lines connecting headquarters area with the Oak Creek water system and for connecting springs in two tributaries of Oak Creek with the same system. Survey was made to determine practicability of aerial tram to deliver surfacing material on the West Rim Trail at Angel's Landing and to investigate a site for south entrance irrigation system diversion dam in the Virgin River at a more suitable site. Location maps, including profile or details when necessary, have been prepared for several proposed Public Works projects, including West Rim Trail betterment and surfacing, Oak Creek sewer, fire hazard reduction, de luxe parking area, Oak Creek utility road surfacing, and the major part of Bryce water system. Several detailed estimates have been prepared for proposed supplemental Public Works projects.

180 Publicity

The March issue of Zion-Bryce Nature Notes was mimeographed and sent to 167 persons and institutions. The Notes will this year be issued quarterly rather than bi-monthly. Two travel bulletins were sent to 190 auto clubs, hotels, etc. News releases covering the Easter Service and the record travel on Easter Sunday were sent to the 150 newspapers on our list.

A pamphlet describing Timpanogos Cave was revised and brought up to date for publication by the Park Service, as per a request signed by Isabelle Story.

200 Maintenance, Improvements and New Construction

210 Maintenance

Zion. A small crew has been employed intermittently on removal of slide material from roadways and gutters. The Narrows Footpath was gone over by the maintenance crew on the 19th in preparation for the Easter Sunday crowd. Serious water shortage in our Oak Creek water system occurred during the latter part of the month, necessitating daily readings of flow and consumption, and restriction of use at consumption points. A sanitation man was employed throughout the month for maintenance of campgrounds and garbage disposal. All previously painted center stripes were repainted.

Bryce. The Rim Road was cleared of snow as far as Natural Bridge. Near the close of the month a small maintenance crew went over the foot trails in Bryce Canyon. The large fills on the Bryce Point spur road have settled badly and are making grading a somewhat dangerous operation, and their repair will entail heavy expense.

230 New Construction

Public Works

The only Public Works project that was active this month was construction of counter and cases in the east entrance checking station, project FP-21. The completion of the four unfinished projects at Bryce will be commenced on or shortly after May 1, and are expected to be completed during the month.

Emergency Conservation Work

The active work projects of the two camps were as follows:

Bridge Mountain Camp NP-4

The camp enrollment was 184 on April 1, and a new enlistment of 25 men on April 24 was added, making a total enrollment of 209 to date.

Construction work was continued on the garage, machine shop, and equipment shed, including the tearing down of the machine shop in the headquarters area. A large number of men has worked on road sloping in the valley, with some work done on the Zion-Mount Carmel Highway; also considerable sloping and clearing has been done at the Nevada Switch-back. A sign was hung on the south entrance pillar; this project was completed during the fourth period. Considerable work has been done on maintenance of trees in the south entrance area.

Zion Park Camp D-NP-2

There were ten days of general cleanup in the south entrance campground area, also walks at superintendent's residence. Fifty loads of wood were hauled to the utility area and a general cleanup was done on irrigation ditches and headwalls. Brush was cleared on the truck trail right-of-way for one-half mile, and grading completed for one-quarter mile. Considerable work was done on general clearing and grading of the campfire lecture circle, which consisted of 1,500 lineal feet of seats constructed and stained, 1,600 feet of approach walks, 40 cubic yards of excavation, 30 square feet of flagging, two wood bridges, and five yards of gravel. Approximately one and one-half miles of temporary truck trail were constructed to get fence material to the Petrified Forest, and 250 fence posts were cut.

One experimental plot was constructed in Parunuweap Canyon, two in the Petrified Forest, and two in Zion Canyon. Rock was hauled for the curbing in the Oak Creek area. Rock and flagging were also hauled for the irrigation ditches now under construction. One hundred fifty feet of riprapping for constructed ditches and one dry wall were completed.

240 Improvement of Approaches to Park

W. W. Clyde and Company, contractor, finished the paving of the LaVerkin Junction-South Park Boundary section of the approach about April 23. The park is now connected with routes to Salt Lake City and Los Angeles by paved roads.

The work on the one-quarter mile section at the approach to Big Meadow Bridge east of Zion has seemed to progress very slowly and has been the source of considerable difficulty to traffic during storms.

The contractor has resumed operations on the 8-mile section of U.S. 89 north of Glendale. Operations have also been resumed on construction of the section of the Bryce approach from the head of Red Canyon to the Tropic Junction. Following a complaint filed with the State Road Commission the Bryce approach section was kept maintained in good condition.

300 Activities of Other Agencies in the Park

310 Public Service Contractors

The south entrance cabin camp in Zion did a very good business during the month, their gross receipts totalling approximately \$2,700. There were several nights on which the cabins were filled to capacity. Easter Sunday business, however, was mostly soft drinks. The operator has been required to hire more help and they now have in addition to Mr. and Mrs. Whiting two boys and three girls employed.

The replacement of the floor in the lodge kitchen with composition material has been completed at an expense of about \$750. Operations have been started in cleaning up the grounds, tending to lawns, water lines, etc., in preparation for the season.

313 Schedule of Rates

The revised schedule of tour rates submitted last month has been approved by the Director and the Secretary's office.

400 Flora, Fauna, and Natural Phenomena

410 Naturalist and Guide Service

April of this year has been even busier for the naturalist than it was last year, what with completion of winter museum projects and starting of contact work among the increasing number of visitors. Public contacts this month were 293% greater than in April last year (1,950 this year, 495 last year); in addition to which 112 hours were spent in painting the Zion relief model; 130 hours in paper work (including preparation of Zion-Bryce Nature Notes); 20 hours in preparing for the special Easter Service; and odd hours on other miscellaneous items mentioned in the following paragraphs. Accomplishment of this amount of work was made possible, in spite of the compulsory lack of a much-needed seasonal ranger-naturalist, by securing a C.C.C. boy for part time museum attendant, and by doing most of the paper work in the evening.

A tabulation of contacts is given below:

Museum visitors	1,262	
Lectures: Museum	536	(32 lectures)
Campground	65	(1 lecture)
Lodge	54	(1 lecture)
Guided hikes	53	(2 hikes)
Total	<u>1,950</u>	

Several organizations visited the park in groups and were contacted as follows: Federated Women's Clubs of Utah, in annual convention at Cedar City, sent a group of 54 delegates on April 27. They were given an informal talk by the park naturalist. Thirty-three members of the Provo High School, under Kenneth E. Weight, spent a day and night in the park on April 28, attending a campfire lecture and two nature hikes led by the naturalist and the chief ranger. Sixteen children from the public school at Vayc, Utah, were conducted through the museum on April 30.

Opportunities for testing out the new lecture circle this month show that it is admirably suited to every sort of public use. On April 16 approximately 200 people attended a sound movie which was perfectly audible and visible to all, in spite of full moonlight and a slight breeze. On Easter Sunday between 700 and 800 heard the afternoon song service which was the subject of a special report to the Director. Acoustics were good in spite of a strong side wind. On April 28 a stereopticon lecture was given to 65 people with good effect.

420 Museum Service

Painting the Zion relief map has occupied the naturalist about half the month. All base colors are now on, excepting about 20 per cent of the green (vegetation). There remains yet the shading and blending, human culture, names, and final varnish coat to be applied.

Cataloging the Zion herbarium, preparatory to a revision of the check list, was 40 per cent completed during the month. Some 80 or 90 spring flowers were collected from the Lower Sonoran Zone section of the park by Kenneth E. Weight, seasonal naturalist who has been assigned the task of revising the check list. Mr. Weight has not yet entered on duty, but did this on his own time while visiting the park on April 28.

Limited collecting of bird specimens needed to complete the Zion bird list was done outside the park.

430 Archaeology

Arrangements for publication of Mr. Wetherill's report on C.W.A. archaeological studies have now been tentatively arranged with Ansel F. Hall's office, previous negotiations with Dr. Colton of the Museum of

Northern Arizona having been dropped because of apparent inability on the part of the Park Service to render necessary financial assistance. Mr. Wetherill is now being given every opportunity to complete his paper in time for going to press on June 1.

440 Insect Control

Bark beetles (Dendroctonus pseudotsugae) have been found working on trees in the left fork of Oak Creek, in the cove under the white ledge on the West Rim Trail, and possibly in the Stevens pasture on the East Rim Trail. Forester Chick has been inspecting the affected areas. Mr. Chick also reports a fungus, as yet unidentified, growing on the Utah junipers over the water shed in Oak Creek. A method of control has not yet been determined, as the trees are very sparse and an attempt to cut down and burn those affected would almost annihilate the trees in this area, and if left the disease may destroy them.

Forester Chick has been spraying the broad leaved trees in the valley in an attempt to control the tent and ash caterpillars which have done so much damage in the past. This work has been done annually for the past six years and still the insects are defoliating the trees every year. It is believed that this work should be continued down the river for some distance outside the park if we are to make a success of controlling the caterpillar.

All standing water in the canyon has been sprayed with oil to eliminate the mosquitoes. This has been done twice this month.

455 Flora

Copious spring rains have produced a fine floral display in the park, particularly at the lower elevations, where great fields of sego lilies are now in bloom. Dozens of other species, usually hard to find, are now blooming profusely.

During the month the seven range study quadrates planned under E.C.W. were completely fenced and are now ready for vegetative survey as soon as conditions justify it.

460 Birds

Zion. The check list of Zion birds was completed this month and sent to the Director for approval before submission for publication in the Proceedings of the Utah Academy of Sciences. One hundred and thirty-nine forms are included in the list.

Bird banding operations were suspended in Zion National Park this month, preparatory to establishing a banding station at Bryce Canyon National Park for the summer. Results of the 4 1/2 months banding are summarized as follows:

Species	Number Banded
Hawk, Sparrow	1
Sapsucker, Red-naped	1
Jay, Woodhouse	7
Creepers, Rocky Mountain	1
Robin	1
Kinglet, Ruby-crowned	1
Shrike, Northern	1 (first record for Zion)
Warbler, Audubon	1
Sparrow, English	1
Towhee, Green-tailed	1
Towhee, Spurred	13
Junco, Slate-colored	7
Junco, Shufeldt	334
Junco, Pink-sided	3
Junco, Gray-headed	13
Sparrow, Gambel	75
Sparrow, Fox	2
Sparrow, Lincoln	1
Sparrow, Mountain Song	23
Total	545 individuals, 19 kinds

The bird banding has been carried on chiefly by a C.C.C. boy, Henry Grantham, working with the park naturalist. Although we have trapped no birds banded by other stations, the results have been valuable in completing the Zion bird list and in adding accurate information to the biological set-up of the park.

Bryce. After the disappearance of snow near the C.C.C. camp, Naturalist Assistant Keller found several dead birds, mostly crossbills, nearby, which examination revealed had died from poisoning, presumably from bait set out last fall by the Biological Survey outside the park boundary, which is only a short distance from the camp.

470 Animals

During the first week of April several C.C.C. boys reported seeing mountain sheep in Parunuweap Canyon, and Naturalist Assistant Keller was able to obtain a distant photograph of them. At least one ram and two ewes were seen, near Shutesburg, apparently attracted there by a band of domestic rams grazing outside the park.

Bucks completed shedding their antlers early in April, and both bucks and does are now moving up to the plateaus, leaving relatively few deer in the canyon temporarily.

Some domestic stock are still in Coalpits. They were driven out once but returned. Notice has been given to the owners to take care of them. All stock has been removed from Parunuweap and other sections of the park.

500 Use of Park Facilities by the Public

510 Increase in Travel

Zion. The 1,822 automobiles and 6,762 visitors registered during the month established an all time April record. The increase was due primarily to the Easter Sunday visitors, which numbered 2,002, which was also an all time record for a day.

20 automobiles were passed through without charge on official business.

2 issued complimentary passes.

1,365 paid for permit to enter the park.

435 were local cars from Washington and Kane Counties.

Bryce. While checking operations were conducted only part of the time, it is estimated there were 485 cars and 1,981 visitors in the park during the month. It is estimated there were 600 visitors on Easter Sunday.

530 Visitors

Zion

9th. Mayor Louis Marcus and party, Salt Lake City.

27th. Approximately 40 B.P.W. visitors from state convention at Cedar City.

28th. Group of high school students from Provo under leadership of Kenneth E. Weight. This party also visited Bryce.

600 Protection

610 Ranger Service

The first seasonal ranger, Russell Mahan, was employed on the first and detailed to checking duty at the east entrance checking station. Seasonal ranger Fred R. Bruseck was entered on duty on the 20th and assisted at the east entrance checking station until the 24th when he was transferred to Bryce where he will remain on checking duty during the summer. The permanent rangers at Zion handled the south entrance checking station throughout the month.

In order to handle the Easter Sunday crowd, every available employee in uniform was assigned to special duty. Park Engineer Cowell and Architect Doerner patrolled the East Rim Road; Costkeeper Gerrard and

Mechanic Brockmeier were detailed to patrol the tunnel; Rodman Fred Fagergren assisted the chief ranger in patrolling the valley; E.C.W. Foreman Croft and Wetherill were detailed to the Temple of Sinawava; Forestry Foreman Chick assisted at the south entrance checking station; and E.C.W. Naturalist Assistant Keller assisted Ranger Cope at Bryce. The large crowd was handled in an excellent manner and the visitors enjoyed a quiet and peaceful day. Three parties were turned back at the checking station and not allowed to enter, the drivers being under the influence of liquor. One car with six passengers was parked at the south entrance for thirty minutes for drinking and careless driving and failure to present ticket at the ranger station. Another car was parked fifteen minutes for having parked in the wrong place.

On the 24th Mr. C. L. King and brother of Antimony, Utah, were apprehended at the south entrance checking station and turned over to local officers when found with illegal liquor in their possession and driving under the influence of liquor. They were fined \$3.50 each by the justice of the peace.

Two truck drivers operating for contractor W. W. Clyde and Company were parked thirty minutes for speeding through the tunnel.

620 Fire Protection

Bryce. On the morning of the 20th, as near as we can determine, lightning struck a large yellow pine tree three-quarters of a mile south of the C.O.C. camp. The fire was discovered about 4:00 P.M. the following day. E.C.W. Naturalist Assistant Keller and Ranger Cope extinguished the fire by shoveling snow on it from the surrounding snow drifts. Two trees were destroyed by the fire.

900 Miscellaneous

The young artist Everett Ruess mentioned in last month's report as being lost somewhere between Escalante and the Navajo Indian Reservation the other side of the Colorado River has not yet been found. We are informed that the search for him which has been conducted out of Escalante has been abandoned.

On Saturday night, April 20, a "family" picnic was held in the new south entrance campground, attended by practically all of the government employees and their wives in Zion National Park, there being approximately 75 present. It was expected that Assistant Director Tolson and Chief Architect Vint would be guests of honor at the picnic, but their delayed schedule prevented them from arriving until the following day. Entertainment was provided by the Gifford Haywire Orchestra of Springdale.

Very truly yours,

P. P. Patraw, Superintendent

Zion Outdoor Lecture Circle, south entrance campground, and E.C.W. construction crew. When not in use, screen board folds out of sight.

Crowd of about 800 people at Easter Song Service, south entrance campground lecture circle.

Completed Zion warehouse building removed to Oak Creek utility area
(B.C.W.)

Zion south entrance pillar, complete except for sign. (B.C.W.)

Curbing and planting (E.C.W.) Zion, at east entrance checking station. Checking station constructed by P. W.

Clearing for Zion East Rim Truck Trail. (E.C.W.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Zion and Bryce Canyon National Parks
Utah

MEMORANDUM FOR THE PRESS

Zion National Park. April 00, 1935. The first annual Easter song service recently held in Zion National Park was attended by an audience of from seven to eight hundred persons, representing all of the communities surrounding the park, and augmented by out-of-state visitors from California, Nevada, Arizona, Idaho, Montana, Texas, Illinois, Pennsylvania, and Florida; an attendance record that is unusual in view of the fact that but one week was spent in planning and advertising the program.

The program, which was conducted jointly by the National Park Service and local Church organizations, featured the well known vocal choruses of southern Utah and also included a short dedication of the outdoor amphitheater in which the service was held. Mr. Claude Hirschi, President of the Zion Park Stake of the Church of Jesus Christ of Latter Day Saints, presided over the meeting, and Mr. Thomas C. Parker, Assistant Superintendent of Zion National Park, delivered the dedication address. Short talks were also given by President Hirschi, President Palmer of Cedar City, and Mr. F. P. Patraw, Superintendent of Zion National Park, who expressed his appreciation for the cooperation of all church groups participating. Opening and closing prayers were offered by Bishop Morris Wilson Jr., of La Verkin, and Councilor McArthur, of Saint George.

A major portion of the service consisted of vocal selections and community singing. Singers from the Dixie Junior College, St. George, under Director McAllister, rendered two fine numbers with their double mixed quartette, and also two solos, "Trees", and "The Voice of the Deep". A

stirring soprano solo was contributed by the Zion Park Stake; and two numbers, a double mixed quartette and a male quartette, were contributed by singers from Cedar City.

The entire program was fittingly centered around the idea of outdoor Easter worship, amid the natural beauties of Zion Canyon, which formed a vast natural cathedral surrounding the man-made amphitheater in which the audience was gathered. A perfect spring day, superb surroundings, and a simple sacred service combined to produce an effect upon the audience which is seldom if ever attained in the more conventional types of Easter worship.

Both Church and Park Service officials express the hope that similar services in future years may prove equally effective, and Superintendent Patraw is of the opinion that as this annual event becomes more widely known, it will become a mecca for visitors from all parts of the West.

The largest single day's travel to date into Zion National Park was recorded on Easter Sunday, April 21, 1935, when a total of 2,002 persons passed through the park checking stations, an increase of over 21 per cent above the previous high record for one day, which was on Easter Sunday, 1930, when 1,652 persons entered the park. A large proportion of the 351 automobiles entering the park on Easter Sunday of 1935 bore Utah license plates, with those from California in second place. Other states represented were Arizona, Nevada, Montana, Idaho, Texas, Illinois, Pennsylvania, and Florida; and also the Canadian Province of New Brunswick. Easter Sunday has always been the heaviest travel day of the year in Zion National

Park, the unusual increase this year being attributed to the first annual Easter program to be held in Zion Canyon. Superintendent P. P. Patraw states that this newly inaugurated annual event will probably cause next year's Easter travel to be double that of this year.

Although this Easter Sunday throng was approximately six times as large as on an average summer day, the park officials state that it offered no unusual traffic problems, due to the excellent behavior of all visitors and the efficient organization of the park rangers. Weather throughout the day was ideal for viewing the park under the most favorable conditions of spring rejuvenation, and many visitors who had seen the region at all seasons declared that this was their most pleasant visit.

Travel into Zion National Park has also shown a decided general increase over that for the corresponding period of last year, the latest figures showing an increase of 22.75 per cent. Superintendent Patraw states that this increase is due not only to the recent Easter crowds, but also to the hard surfaced approach road which is now virtually completed into the park, and which should continue to attract increasingly large numbers here, now that motorists can drive over hard surfaced roads all the way from either Los Angeles or Salt Lake City to the park.

- the end -

Office of P. P. Patraw, Supt.
Zion & Bryce Canyon National Parks
April 22, 1935

Travel report by states for the season to date April 30, 1935. Zion Nat'l Park.

States	1935				Total 1934.		
	Cars;	Pass.:	Stage:	Misc.:	T.Pass:	Cars:	Pass
Alabama	2	8	0	0	8	0	0
Arizona	290	895	0	2	897	185	554
Arkansas	4	16	0	0	16	0	0
California	1759	4700	3	1	4704	1258	3351
Colorado	129	339	0	4	343	82	231
Connecticut	11	29	0	0	29	7	17
D. Columbia	18	50	0	0	50	7	16
Florida	12	34	0	0	34	2	7
Georgia	1	2	0	0	2	1	3
Idaho	149	507	0	2	509	80	231
Illinois	70	176	0	0	176	52	136
Indiana	22	62	0	0	62	13	34
Iowa	45	139	0	0	139	14	32
Kansas	10	25	0	0	25	3	5
Kentucky	1	3	4	0	7	1	1
Louisiana	1	4	0	0	4	1	2
Maine	3	11	0	0	11	1	2
Maryland	3	6	0	0	6	5	12
Massachusetts	22	49	0	0	49	11	23
Michigan	36	93	0	0	93	16	47
Minnesota	42	107	0	0	107	20	55
Mississippi	2	3	0	0	3	1	2
Missouri	24	63	0	1	64	10	27
Montana	88	228	0	0	228	39	104
Nebraska	33	100	0	6	106	15	38
Nevada	129	422	0	0	422	109	328
New Hampshire	4	11	0	0	11	4	10
New Jersey	15	39	0	1	40	11	32
New Mexico	33	80	0	0	80	23	62
New York	61	158	1	1	160	39	98
No. Carolina	5	20	0	0	20	1	2
No. Dakota	15	38	0	1	39	1	6
Ohio	48	99	0	0	99	19	48
Oklahoma	15	46	0	0	46	9	22
Oregon	37	93	0	0	93	22	59
Pennsylvania	38	96	0	0	96	16	41
Rhode Island	6	15	0	0	15	2	5
So. Dakota	16	45	0	0	45	6	16
Tennessee	1	1	0	0	1	1	2
Texas	29	70	0	0	70	23	65
Utah	2746	9990	2	15	10007	2971	10309
Vermont	2	5	0	0	5	3	6
Virginia	1	2	0	1	3	0	0
Washington	76	199	0	0	199	53	128
West Virginia	0	0	0	0	0	1	2
Wyoming Wyoming	54	155	0	0	155	35	103
Wyoming Wisconsin	5428	80	0	0	80	12	31

Continued:

Alaska	1	2	0	0	2	0	0
Australia	1	4	0	0	4	0	0
Brazil	0	0	0	0	0	1	2
Canada	22	57	0	0	57	18	52
Canal Zone	2	4	0	0	4	2	5
China	3	11	0	0	11	1	2
Cuba	1	2	0	0	2	0	0
England	5	10	0	0	10	0	0
Germany	0	0	0	0	0	2	2
Hawaii	7	18	0	0	18	2	4
Holland	0	0	0	0	0	1	1
India	0	0	0	0	0	0	0
Mexico	2	7	0	0	7	3	3
Norway	1	2	0	0	2	0	0
So. Africa	2	7	0	0	7	1	3
Palestine	1	4	0	0	4	0	0
Totals	6184	19441	10	35	19486	5216	16384

NATIONAL PARK SERVICE

TRAVEL REPORT

ZION

National Park for the month of

APRIL 1935.

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year		Inc
					Number	Percent	
<u>PRIVATE TRANSPORTATION:</u>							
Cars first entry	1365	5213	1502	4543	670	14.74	Ine
Cars reentry	450	962	108	665	297	44.66	Ine
Motorcycles	7	9	4	8	1	12.5	Ine
Total motor vehicles	1822	6184	1614	5216	968	18.55	Ine
Persons entering via motor vehicles	6745	19428	5816	16343	3085	18.87	Ine
Persons entering via other private transportation	9	13	6	11	2	18.18	Ine
Total persons entering via private transportation	6754	19441	5822	16354	3087	18.87	Ine
<u>OTHER TRANSPORTATION:</u>							
Persons entering via stages	4	10	0	1	9	900.	Ine
Persons entering via trains	4	35	2	29	6	20.68	Ine
Persons entering otherwise	8	45	2	30	15	50.	Ine
Total other transportation	16	90	2	60	30	300.	Ine
GRAND TOTAL ALL VISITORS	6762	19486	5824	16384	3102	18.93	Ine

Local travel- " " Month, 435 cars and " " Season, 853 " "	2407 4013 people "	This Year	Last Year	Increase		Inc
				Number	Percent	
Automobiles in public camps during month		324	263	61	23.19	Ine
Campers in public camps during month		2111	1035	1076	103.96	Ine

ZION NATIONAL PARK

WEATHER REPORT

April 1935

TEMPERATURE

Mean maximum 70.73
Mean minimum 45.56
Mean 58.14
Maximum 82 on 20th
Minimum 34 on 9 & 10

PRECIPITATION

Total 1.90 in.
Greatest in 24 hours 0.60 on 7th

NUMBER OF DAYS

With .01 or more precipitation 4
Clear 12
Partly cloudy 11
Cloudy 7

Allen T. Strunk

Observer

BRYCE CANYON NATIONAL PARK

WEATHER REPORT

April, 1935

TEMPERATURE

Mean maximum	47.5
Mean minimum	26.1
Mean	36.7
Maximum	59 on 29th
Minimum	14 on 8th

PRECIPITATION

Total for month	1.63 in.
Greatest in 24 hours	1.02 in.

SNOWFALL

Depth of snow April 1	22 in.
Snowfall during month	12.5 in.
Depth of snow April 15	6 in.
Depth of snow April 30	3 in.

NUMBER OF DAYS

Clear	16
Partly cloudy	6
Cloudy	8

MAURICE COPE
Observer

10-159
 (May, 1931)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Zion and Bryce National Park for the Month of April, 1935

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	34	10	24	78
Number of additions	3	12	1	00
Total	37	22	25	78
Number of separations	00	21	00	40
Number of employees close of month	37	1	25	38
Number of promotions during month				
Aggregate amount of annual leave taken	41 1/2		10 1/2	
Aggregate amount of sick leave taken	2 1/2			
Aggregate amount of leave without pay	6			

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 April, 1935

	This Year	Last Year
Park revenue on hand beginning of month,	103	---
Received,	1,395	396
Total,	1,498	396
Remitted,	1,088	247
On hand close of month,	410	149
Park revenues received this year to date,		15,254.00
Park revenues received last year to date,		10,029.70
Increase,		5,224.30
Per cent of increase,		52.38

10-161
(Sept. 1933)

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

REPORT OF SALES OF PUBLICATIONS

Zion National Park

	Number	Value
--	--------	-------

GOVERNMENT PUBLICATIONS:

On hand beginning of month, None

Received during month,

Total,

Sold during month,

On hand at close of month,

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,

Sales during month,

Total,

Remitted during month,

Balance,

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

STATUS OF AUTHORIZED PROJECTS

Zion National Park for the Month of April, 1935

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
FP-16a	Employees qtrs, hdqts	100		
FP-17a	Employees qtrs, hdqts	100		
FP-18a	Comfort sta, south ent	100		
FP-19	Campground development	100		
FP-20	Sewer-water system	100		
FP-21	Checking sta, east ent	100		
FP-22	Employees qtrs, east ent	100		
FP-23	Water sys, east ent	100		
FP-24	Elec sys, south ent	100		
FP-169	Stream protection	100		
FP-170	Campground svce roads	100		
FP-171	West Rim Trail	100		
FP-172	Refrigerator Canyon Trail	100		
FP-173	Valley trails	100		
FP-174	Parking areas	100		
FP-175	Footpaths, hdqts	100		
FP-175	Equipment	100		

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

STATUS OF AUTHORIZED PROJECTS

Bryce Canyon National Park for the Month of April, 1935

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
FP-8 Cabins, employees	100			
FP-9 Ext to office bldg	100			
FP-10 Water sys ext to bldgs	100			
FP-11 Comfort station	100			
FP-12 Water sys ext to camp	100			
FP-13 Sewer system ext	100			
FP-14 Equipment shed	100			
FP-15 Boundary fence	100			
FP-156 Post const of roads	100			
FP-157 Hdqts service roads	100			
FP-158 Rim Trail const	100			
FP-159 Rim footpaths	100			
FP-160 Equipment	100			
FP-161 Lodge road widening	100			
FP-162 Footpath, lodge to rim	100			
FP-163 Lodge-Bryce Camp path	100			
FP-164 Footpaths, hdqts	100			
FP-165 Footpath, PA to rim	100			
FP-166 Prot railing, Bryce Pt	90			
FP-235 Footpaths, asphalt sfg	100			
FP-331 Telephone system	100			