

March 1932
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DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Zion-Bryce NATIONAL PARK

FILE NO.

MONTHLY REPORT FOR MARCH, 1932

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STEPHEN T. MATHER,

Director.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ZION AND BRYCE CANYON NATIONAL PARKS

UTAH

OFFICE OF THE SUPERINTENDENT

P. O. ADDRESS:
SPRINGDALE, UTAH

April 5, 1932

The Director
National Park Service
Washington D. C.

Dear Mr. Director:

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

000 General

010

Dr. John Gray arrived and entered on duty as Assistant Park Naturalist on March 18. His appointment was effected by reinstatement from the Bureau of Entomology.

Associate Engineer Parker returned to Zion National Park from the San Francisco office on the 12th. Effective March 16 he was appointed Assistant Superintendent of Zion and Bryce Canyon National Parks.

020 General Weather Conditions

The weather in Zion has been generally warm and clear, with rain on four different days. A total of .1 inch of precipitation was registered for the month. The thermometer showed an average temperature of 58.1 degrees, with a maximum of 74 and a minimum of 21.

In Bryce Canyon the average temperature was 29.1 degrees, with a maximum of 58 and a minimum of 04 below zero. The snow measured approximately two feet deep on the level at the ranger station in Bryce. With the exception of three days the road has been closed to travel since early in December. Unless we get some extremely warm weather or warm winds, there will be snow on the ground until the middle of May or the first of June.

Near the south entrance in Zion the fruit trees are in full bloom. Cottonwood and Boxelder trees are well leafed out throughout the canyon. Alfalfa in the fields purchased last year at the south entrance is six inches high. Flowers are in bloom in the valley, and make quite a contrast with the snow-covered mountains on the east and west rims of the canyon.

100 Administrative

121 Park Inspections by Superintendent

The Superintendent made frequent inspections of road work in progress, and on the 21st and 25th made final inspections of project 2B, Floor of the Valley Road, on completion of the project by Merritt, Chapman and Scott. On the 3rd an inspection was made of the portion of the West Rim Trail to Refrigerator Canyon. On the 12th the Superintendent met Jack Thornburg and J. E. Kintner of the Arizona Air Lines, Inc., and conferred with them concerning prospects of air service at Zion National Park. During Assistant Landscape Architect Langley's visit, 14th to 19th, inspections were made of the East Rim Road and work in progress on the Floor of the Valley Road; of Oak Creek Canyon; the new south entrance area, and several other localities involved in future project plans. On the 19th inspections were made of the tunnels on the Zion-Mt. Carmel Highway in company with Dr. Hewes and Messrs. Bright, Mayo, Huggins, Mitchell and Brown. These inspections were continued with Huggins, Mitchell and Brown on the 20th. A special report of this inspection has been submitted under date of March 22. On the 22nd Superintendent Patraw went to Cedar City with Assistant Park Naturalist Gray where he joined Mr. Randall Jones, attended a Rotary luncheon and continued to Salt Lake City. On the morning of the following day, accompanied by Mr. Jones, he went to Ogden, where he visited the District Forester's office and the district office of the Bureau of Public Roads, returning to Salt Lake City at noon. There he attended a luncheon of the Salt Lake City Chamber of Commerce, met in board meeting with the Utah Highway Commission, and visited at the offices of the Union Pacific. They returned to Zion on the 24th. On the 29th the Superintendent departed for Hot Springs by way of Omaha to confer with Union Pacific officials at the latter place regarding problems of road construction in Bryce Canyon National Park and other problems of mutual concern in both parks, and to attend the Superintendent's Conference at Hot Springs.

123 Park Inspections by National Park Service Officers

Assistant Landscape Architect Langley was a visitor at Zion National Park on the 14th to 19th.

125 Park Inspections by Other Governmental Officers

As mentioned above, Dr. L. A. Hewes, Deputy Chief, and Mr. Bright and Mayo of the San Francisco Regional Office, and Messrs. Huggins, Mitchell and Brown of the Ogden District Office of the Bureau of Public Roads visited Zion National Park on the 19th. Mr. Huggins, Mitchell and Brown returned also on the 20th for further work on preparing plans for reinforcement of Zion tunnel.

F. Leroy Davis, Resident Engineer of the Bureau, returned to the Park on the 10th with a crew of three men, on the assumption of contract work on the Floor of the Valley Road.

127 Inspections by Other Agencies

On the 25th Utah Highway Commissioners Blood, Peterson and Parker, and Maintenance Engineer Knowlton passed through Zion National Park on a tour of inspection of state roads.

170 Plans, Maps and Surveys

A request was made on the Chief Engineer's office and approved for a survey of the proposed new water system in Oak Creek Canyon. The Chief Engineer set up an allotment of \$150 to cover the wages of three men who are to assist Assistant Superintendent Parker in doing this work.

200 Maintenance, Improvements and New Construction

210 Maintenance

The rangers put up signs in the canyon along the highway and some of the trails; also telephone lines which were in bad shape were repaired.

260 Landscape Work

It was reported in the January monthly report that the oil rigging and drilling equipment in the park near Crafton was moved outside the park and the grounds cleaned up. This was an erroneous statement, as an inspection on March 1 by Chief Ranger Jolley showed that nothing had been done toward cleaning up the grounds. Following this inspection the facts were immediately reported to District Petroleum Engineer Henderson of the General Land Office, who has written the owner that unless this material is satisfactorily removed by the time his office makes its next inspection, this fact will be taken into consideration in connection with other existing oil drilling equipment of the company.

300 Activities of Other Agencies in the Park

310 Public Service Contractors

The Utah Parks Company has changed the transformer from the north side of the highway opposite the lodge to a point near the north side of the swimming pool. Their telephone line has recently been repaired between Zion Lodge and Cedar City. The company pipeline froze between the Lodge and garage, but was welded early in the month and there is no water wasting at present. The lawns and grounds have been cleaned up and sprinkled, and at this time things look fine around the lodge area.

317 Status of Authorized Projects of Contractors

Contractor Merritt, Chapman and Scott resumed construction work on the Floor of the Valley Road on the 12th. They employed a crew of 62 unskilled laborers and 20 skilled laborers, and had on the job the following equipment: 2 caterpillars, 1 blade grader and scarifier, 1 compressor, 10 trucks, small tools and equipment. With this large force they made excellent progress and completed all work on the 23rd of the month.

400 Flora, Fauna and Natural Phenomena

470 Animals

Since the snow has gone from the floor of the valley at Zion and the green vegetation has grown up, deer are more frequently seen along the highway. There seem to be more birds than usual. Various kinds of birds frequent headquarters area and are fed and watered by employees.

At Bryce Ranger Cope reports seeing three deer in Campbell Canyon. These are the first deer seen in Bryce since early last summer.

500 Use of Park Facilities by the Public

530 Visitors

During the month 150 boy scouts visited the park and spent from one day to a week in the public auto camp. The first group, under the escort of Mr. James of Los Angeles, California, stayed here for a week, hiking over the trails of the park. Ranger Harold Russell lectured one evening to the boys on geology and history.

On the 26th 125 boy scouts from the towns of Kenab, Fredonia, Mt. Carmel and Orderville spent one night in the park. They had an excellent program and Chief Ranger Jolley gave them a short talk on the benefits of this organization.

Mr. Randall Jones visited Zion National Park on the 9th and 18th. Mr. Gardner, Manager of the Dixie Power Company, visited the park and conferred with the Superintendent on the 9th concerning the possibility of making arrangements for installation of electric cooking units in the public campground.

600 Protection

610 Police Protection

On March 9 it was discovered by Ranger Schiefer that three boys residing in Springdale had been damaging park-owned gravel quarrying

equipment located near the campground. The boys were called into the superintendent's office and given a lecture on the seriousness of consequences of damaging government property.

On Easter Sunday a crowd of 809 people visited the park. Some were or had been drinking and caused some disturbance in the park. Mr. Tate of Mt. Carmel was parked at the south entrance by Ranger Schiefer for speeding. Mr. Bert Hall of Cedar City and his party were ordered out of the park. No arrests were made.

One house cat was killed near the checking station and another at the public auto camp. Poison was put in the gopher holes to rid park headquarters lawns of these animals.

Very truly yours,

Thomas C. Parker
Acting Superintendent

COMPARATIVE TRAVEL REPORT BY STATES FOR THE SEASON TO DATE, 1932 and 1931.

ZION NATIONAL PARK UTAH, MARCH 31, 1932.

					Total for 1932		Total for 1931.	
	: Cars :	Pass. :	Stage :	Misc. :	Cars :	Pass. :	Cars :	Pass. :
Arizona	: 105 :	316 :	0 :	0 :	105 :	316 :	172 :	502 :
Arkansas	: 0 :	0 :	0 :	0 :	0 :	0 :	8 :	4 :
California	: 584 :	1442 :	1 :	0 :	584 :	1443 :	961 :	2274 :
Colorado	: 42 :	104 :	0 :	0 :	42 :	104 :	68 :	182 :
Connecticut	: 4 :	10 :	4 :	0 :	4 :	14 :	1 :	5 :
District of Columbia	: 3 :	9 :	2 :	0 :	3 :	11 :	3 :	6 :
Deleware	: 1 :	2 :	2 :	0 :	1 :	4 :	0 :	0 :
Florida	: 0 :	0 :	0 :	0 :	0 :	0 :	1 :	2 :
Georgia	: 1 :	4 :	1 :	0 :	1 :	5 :	2 :	4 :
Idaho	: 30 :	73 :	0 :	3 :	30 :	76 :	68 :	184 :
Illinois	: 16 :	35 :	3 :	0 :	16 :	38 :	18 :	51 :
Indiana	: 2 :	3 :	0 :	0 :	2 :	3 :	2 :	3 :
Iowa	: 5 :	11 :	0 :	0 :	5 :	11 :	5 :	20 :
Kansas	: 10 :	32 :	0 :	0 :	10 :	32 :	11 :	32 :
Louisiana	: 1 :	3 :	0 :	0 :	1 :	3 :	1 :	3 :
Kentucky	: 0 :	0 :	0 :	0 :	0 :	0 :	1 :	3 :
Maine	: 3 :	7 :	0 :	0 :	3 :	7 :	2 :	5 :
Maryland	: 0 :	0 :	2 :	0 :	0 :	2 :	1 :	2 :
Massachusetts	: 3 :	8 :	1 :	0 :	3 :	9 :	2 :	14 :
Michigan	: 10 :	27 :	0 :	1 :	10 :	28 :	7 :	20 :
Minnesota	: 8 :	19 :	0 :	0 :	8 :	19 :	7 :	16 :
Missouri	: 4 :	8 :	0 :	0 :	4 :	8 :	13 :	29 :
Montana	: 19 :	43 :	4 :	0 :	19 :	47 :	28 :	67 :
Nebraska	: 4 :	8 :	0 :	0 :	4 :	8 :	8 :	24 :
Nevada	: 48 :	129 :	0 :	0 :	48 :	129 :	65 :	186 :
New Hampshire	: 0 :	0 :	1 :	0 :	0 :	1 :	0 :	0 :
New Jersey	: 5 :	14 :	1 :	0 :	5 :	15 :	5 :	23 :
New Mexico	: 3 :	6 :	0 :	0 :	3 :	6 :	8 :	18 :
New York	: 14 :	36 :	2 :	0 :	14 :	38 :	13 :	53 :
North Carolina	: 0 :	0 :	0 :	0 :	0 :	0 :	1 :	2 :
North Dakota	: 4 :	10 :	0 :	0 :	4 :	10 :	3 :	7 :
Ohio	: 9 :	21 :	3 :	0 :	9 :	24 :	36 :	127 :
Oklahoma	: 4 :	15 :	0 :	0 :	4 :	15 :	8 :	17 :
Oregon	: 17 :	48 :	0 :	0 :	17 :	48 :	20 :	40 :
Pennsylvania	: 8 :	19 :	1 :	1 :	8 :	21 :	10 :	28 :
Rhode Island	: 0 :	0 :	0 :	0 :	0 :	0 :	1 :	4 :
South Dakota	: 1 :	2 :	0 :	0 :	1 :	2 :	8 :	6 :
Tennessee	: 3 :	11 :	0 :	0 :	3 :	11 :	0 :	0 :
Texas	: 18 :	45 :	0 :	2 :	18 :	47 :	23 :	85 :
Utah	: 2062 :	6125 :	13 :	19 :	2062 :	6227 :	1414 :	4443 :

COMPARATIVE TRAVEL REPORT BY STATES FOR THE SEASON TO DATE, 1932 and 1931.

CONTINUED:

Vermont	0 :	0 :	0 :	0 :	0 :	0 :	0 :	2
Virginia	2 :	7 :	6 :	0 :	2 :	13 :	3 :	11
Washington	29 :	80 :	0 :	0 :	29 :	80 :	23 :	62
West Virginia	1 :	4 :	0 :	0 :	1 :	4 :	0 :	0
Wisconsin	2 :	6 :	0 :	0 :	2 :	6 :	5 :	12
Wyoming	14 :	32 :	0 :	0 :	14 :	32 :	34 :	86
Alaska	0 :	0 :	0 :	0 :	0 :	0 :	0 :	0
Canada	1 :	2 :	0 :	0 :	1 :	2 :	10 :	20
Canal Zone	1 :	2 :	0 :	0 :	1 :	2 :	0 :	0
Hawaii	1 :	4 :	1 :	1 :	1 :	6 :	1 :	2
Japan	0 :	0 :	0 :	0 :	0 :	0 :	0 :	1
Mexico	1 :	3 :	0 :	0 :	1 :	3 :	0 :	0
South America	0 :	0 :	0 :	0 :	0 :	0 :	1 :	2
Denmark	0 :	0 :	0 :	0 :	0 :	0 :	0 :	1
Totals	3103	8855	48	28	3103	8931	3072	8672

10-157
(July, 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

ZION National Park for the month of MARCH 1932.

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year	
					Number	Percent
<u>PRIVATE TRANSPORTATION:</u>						
Cars first entry,	601	2456	600	2980		
Cars reentry,	200	645	90	90		
Motorcycles,	1	2	0	2		
Total motor vehicles,	802	3103	690	3072	31	1.00% 1.008%
Persons entering via motor vehicles,	2705	8851	2161	8635		
Persons entering via other private transportation,	2	4	0	2		
Total persons entering via private transportation,	2707	8855	2161	8637	218	2.40%
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages,	0	48	0	21		
Persons entering via trains,						
Persons entering otherwise,	10	28	2	14		
Total other transportation,	10	76	2	35	41	117.2%
GRAND TOTAL ALL VISITORS,	2717	8931	2163	8672	259	2.65%

	This Year	Last Year	Increase	
			Number	Percent
Automobiles in public camps during month,				
Campers in public camps during month,				

WEATHER REPORT FOR ZION NATIONAL PARK MONTH OF MARCH 1932.

TEMPERATURE:

Mean Maximum	63.2		
Mean Minimum	35.7		
Mean	58.1		
Maximum	74	on	19 and 31st.
Minimum	21	on	4 th.

PRECIPITATION:

Total1 inches
Greatest in 24 hrs.06 on 3rd.

NUMBER OF DAYS:

With .01 inch or more precipitation	4 days.
Clear days	12 "
Partly cloudy	12 "
Cloudy	7 "

Arden G. Schiefer.
Cooperative Observer.

WEATHER REPORT FOR BRYCE CANYON NATIONAL PARK MONTH OF MARCH 1932.

TEMPERATURE:

Mean Maximum 41.5
Mean Minimum 16.8
Mean 29.1
Maximum 58 on 19th.
Minimum 4 below on 12th.

PRECIPITATION:

Beginning of month 35 in of snow.
Snowfall during month 6 inches.
Greatest in 24 hours 3 inches.
Amount of snow March 31 23 inches.
Total snowfall since November 8 1931 134 inches.

NUMBER OF DAYS:

C
Clear days 14 days,
Partly cloudy 12 "
Cloudy 5 "

Maurice Cope
Observer.

10-159
(May, 1931)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

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

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	9	17	8	5
Number of additions	2	24	0	6
Total	11	41	8	11
Number of separations	0	4	0	5
Number of employees close of month	11	37	8	6
Number of promotions during month	0		0	
Aggregate amount of annual leave taken	1		0	
Aggregate amount of sick leave taken	0		0	
Aggregate amount of leave without pay	31		0	

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

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

	This Year	Last Year
Park revenue on hand beginning of month,	None	None
Received,	None	539.00
Total,	None	539.00
Remitted,	None	260.00
On hand close of month,	None	279.00
Park revenues received this year to date,		9,971.00
Park revenues received last year to date,		11,093.00
Increase , Decrease.		1,122.00
Per cent of increase , decrease.		10.1

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS.

Zion-Bryce Canyon National Park for the Month of March, 1932

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
<u>Zion</u>				
407 Employees quarters	00			June 30, 1932
408 Comfort station	100			
409 Woodshed-garage	100			
410 Powder house	100	5		
484 Water system, West Rim	100			
485 Extension water system	100			
486 Extension sewer system	75			June 30, 1932
487 Campground development	100	5		
488 Improving grounds, Adm Area	70	10		June 30, 1932
502.1 Miscellaneous trail const	95			June 30, 1932
504.4 Post construction	99	6	8	June 30, 1932
504.5 Road protection	94 98	4 4	4	June 30, 1932
504.6 Roadside cleanup	90			June 30, 1932
<u>Bryce</u>				
410 Dormitory	95			June 30, 1932
411 Messhouse	95			June 30, 1932
412 Employees quarters	95			June 30, 1932
484 Campground development	75			June 30, 1932
501 Trails	100			
503 Oiling road	100			

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Bryce-Canyon National Park for the Month of March, 1932

Description of Projects	Percent Constructed To Date	XX Percent	XXXX Percent	XXXX Probable
		Constructed	Constructed	Date of
		This Month	Last Month	Completion
410 Dormitory	95	:	:	:
411 Messhouse	95	:	:	Average number of
412 Employees quarters	95	:	:	men employed <u>00</u>
434 Campground development	75	:	:	
501 Trails	100	:	:	Average number of
503 Oiling road	100	:	:	men employed <u>00</u>

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

Zion

National Park for the Month of March, 1932

Description of Projects	Percent Constructed To Date	Percent	Percent	Probable
		Constructed This Month	Constructed Last Month	Date of Completion
407 Employees quarters	00	:	:	:
408 Comfort station	100	:	:	:
409 Woodshed-garage	100	:	:	:
410 Powder house	100	:	:	:
484 Water system, West Rim	100	:	Average number	
485 Extension water system	100	:	of men employed	<u>.35</u>
486 Extension sewer system	75	:		
487 Campground development	100	:		
488 Improving grounds, Adm area	70	:		
502.1 Miscellaneous trail const	95	:		
504.4 Post construction	99	::	Average number	
504.5 Road protection	94	:	of men employed	<u>8.76</u>
504.6 Roadside cleanup	90	:		