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May 1932

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DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
~~Zion-Bryce~~ NATIONAL PARKS

FILE NO.

MONTHLY REPORTS FOR MAY, 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

June 9, 1932

The Director  
National Park Service  
Washington D. C.

Dear Mr. Director:

The following is my report of activities for the month of May, 1932:

000 General

010 Introductory

Zion Canyon is unusually attractive this spring. The heavy snows of winter and the frequent showers of spring have brought flowers in abundance. Four o'clocks, wild sweet peas, lupin, Palmer penstemons, scarlet buglers, shooting stars, columbine, primroses, have been particularly noticeable. The weather has been cool, even cold at times, and there has not been a day that could be called hot. The cool weather and the moisture have been more effective in retarding insects than any man-made measures could have been. Many visitors have spoken in enthusiastic terms of their visit to the park this spring.

Spring has been late in arriving at Bryce and not many varieties of conspicuous flowers have yet been seen.

020 Weather Conditions

The first fifteen days of the month in Zion and Bryce were cool, with rain in Zion and rain and snow in Bryce. In Zion 2.1 inches of precipitation fell. We have no way of measuring the rainfall in Bryce. The month was generally windy, with enough of a gale on one or two days to blow some limbs from the trees in the valley in Zion. The weather averaged 64 degrees above zero in Zion, with a maximum of 88 and a minimum of 34. Bryce averaged 45.5, with a minimum of 22 and a maximum of 70. Some snow fell in Bryce, but none in Zion during the month. A few snow drifts still remain on the higher elevations in both parks. There is a great contrast between the two parks in vegetation. The leaves are just out on the aspen trees in Bryce, while cherries and strawberries have been ripe for two weeks in the orchards south of the park near Zion.

100 Administrative

110 Status of Work

The final 1934 estimates for Zion and Bryce Canyon National Parks were completed and forwarded on May 17.

120 Park Inspections

121 By Park Superintendent. On May 1 I went to Bryce Canyon National Park in company with Assistant Landscape Architect Langley and Mr. Wells, Manager of the Utah Parks Company Hotel Department and selected a location for the cafeteria building or "headhouse." On May 2, in company with Mr. Langley and Assistant Superintendent Parker tentative locations were selected for construction of two foot-bridges across the river in Zion National Park. On May 3 Mr. Langley and I drove to Ogden where we conferred with engineers of the district office of the Bureau on problems in connection with plans for supplemental construction in Zion Tunnel, the section of the Bryce Rim Road in the rear of Bryce Canyon Lodge, and the extension of the Bryce Rim Road to Natural Bridge. I returned to Zion on the 5th, Mr. Langley accompanying me as far as Cedar City, where he departed for the South Rim of Grand Canyon. On the 8th I drove to St. George to complete arrangements with W. B. Mathis for the inspection trip into the Hoover Dam area between Toroweap Valley and Las Vegas. Superintendent Tillotson of Grand Canyon National Park and W. R. F. Wallace, Associate Engineer of the Bureau, arrived in Zion the evening of the 17th. On the 18th I went to Cedar City to meet Superintendent Toll of Yellowstone and Mr. Cramton, Special Attorney for the Secretary of the Interior, and brought them to Zion. The party departed from Zion on the 19th, going to Toroweap Valley that day and camping on the rim for the night. On the 20th we drove from Toroweap Valley to Mr. Mathis' ranch at the foot of Mt. Dellenbaugh on Shewits Plateau. The 21st and 22nd were spent in horseback trips from the ranch to the rim of the Grand Canyon. On the 22nd we drove to Grand Wash, spending the 23rd in Grand Wash and on the 24th drove from Grand Wash via St. Thomas to Las Vegas. On the 25th we took a three-hour airplane ride over the area between Las Vegas and east of Toroweap Valley and spent the afternoon at Boulder City and the Hoover Dam. Mr. Tillotson, Toll, Wallace and I returned to Zion, arriving about 2 A.M. on the 27th.

121 By Chief Ranger. The Chief Ranger made two trips to the southwest corner of Zion to inspect work done by Harry Stonehill who has been moving an oil rig and other equipment from the park land. His equipment is all out of the park and the grounds cleaned up. Everything but the boiler and the chasis of the drilling outfit was moved to Virgin and these were moved to a point a few hundred feet over the park boundary and left there.

123 By National Park Service Officers. As mentioned above, Assistant Landscape Architect Langley was at Zion and Bryce until the 31st, and Mr. Tillotson, Toll, Cramton and Wallace were in Zion on the 18th. On the return from the Hoover Reservoir trip Mr. Wallace and Toll departed from Zion on the

morning of the 27th for the South Rim. Mr. Tillotson left on the 28th for the North Rim.

125 By Other Governmental Officers. Auditors T. H. Reavis, S. A. Conley and L. F. Woodside of the General Accounting Office arrived in Cedar City on the 27th, were met by park car and brought to Zion that evening. On the 28th they audited the accounts of Special Disbursing Agent Strunk. They went to Bryce on the 29th for an over-night stay.

Dr. Herbert E. Gregory of the Geological Survey arrived in Zion on the 18th. He is to make his headquarters here for the season and will be engaged in office and field research work on features of geology of Zion, Bryce and Grand Canyon National Parks and the San Juan area. He is stopping at Zion Lodge and is given the benefit of reduced rates. An old Wiley Way cabin has been assigned to him for use as an office.

#### 140 Labor Situation

During the month an average force of 20 laborers has been employed five days each week on general maintenance of roads and trails, and this completes this type of work in Zion. In Bryce six men and a foreman were employed for ten days in cleaning up the entire trail system. There is very little work in sight in Zion for more than four or five men, as very little day labor work will be done. There will be employment for a small force of men at Bryce on the construction of the campground road. There are Bureau projects for road work in both Zion and Bryce that will relieve the labor situation when the contracts are awarded.

#### 160 Status of Alienated Lands

Under date of April 1 the General Land Office advised that all of the state lands within Bryce Canyon National Park had been used as base for lieu selections except 21.81 acres of the SE $\frac{1}{4}$  SE $\frac{1}{4}$  Sec. 36, T. 36 S., R. 4 W. Mention of this was erroneously omitted from the April monthly report. On my next visit to Salt Lake City I will confer with the State Land Office and the local General Land Office in an effort to find a tract of public land that may be selected in lieu of this remaining parcel.

#### 170 Plans, Maps and Surveys

Plans and designs for auto camp road at Bryce Canyon submitted.

Bureau crews engaged in completing staking of Bryce Canyon Lodge section of the Bryce Rim Road and started staking extension of Rim Road to Natural Bridge.

Plans for campground fire places at Bryce received.

Plans for Zion residence submitted and request for bids mailed.

#### 180 Publicity

On May 16 a press notice (copy attached) was sent out from this office concerning the construction of a cafeteria at Bryce and the dates of opening of Zion and Bryce Lodges.

I received from the Conoco Travel Bureau the attached copy of Carveth Wells second radio talk on the State of Utah, which includes much favorable mention of Zion and Bryce. The letter of transmittal did not state the date on which the talk was delivered.

#### 190 Personnel

The following seasonal ranger and ranger-naturalist employees entered on duty during the month under the respective dates shown:

Fred C. Fagergren,	May 1
Richard R. Critchlow,	May 15
J. Reed Jones,	May 20
H. L. Reid,	May 22
Gordon Y. Croft,	May 27
Kenneth E. Weight,	May 28

The establishment of a permanent position of Storekeeper in Zion National Park, authorized in the 1935 printed budget for the park has been recommended, and recommendation submitted for the appointment of Mr. J. Harold Monson to this position. Certification has been requested from the Civil Service, after clearance was obtained from the Federal Business Association, to fill the seasonal position of storekeeper at Bryce.

#### 200 Maintenance, Improvements and New Construction

##### 210 Maintenance

Due to the very heavy snows in the high mountains, the Mukuntuweap River has been exceptionally high and reached its peak on the 19th of the month. The basket dams and dykes all withstood the floods in good shape, but below the dams the river flooded over quite a large area just south of the lodge, and destroyed approximately one-half mile of bridle path. A large force of men was rushed in on emergency work and sand bags were used to keep the river from damaging the new highway. The river remained at a high stage until the 24th and since that date, due to cool weather, we have had no more high water.

A crew of four men under the direction of Ranger Cope was engaged in the fore part of the month cutting campground wood at Bryce.

The entire trail systems of Zion and Bryce have been cleaned up and repaired and are in good shape for travel.

##### 220 Improvements

Early in the month 200 pounds of rye grass seed were planted on the cut banks of the floor of the valley road. Several showers followed this planting and fairly good stands of grass were started. The squirrels and gophers, however, found this to be choice food and destroyed a great portion of the grass.

The loop road inside the public campground was surfaced with about three inches of gravel.

The parking area at the Zion Lodge was laid out and surfaced with four inches of gravel, and a foot path was also graded and surfaced leading from the Lodge to the parking place.

#### 230 New Construction

A portion of the Grotto Trail between the Lodge and the museum was constructed during the month.

Bids on Zion residence were received May 2. The low bid was \$6,262. All bids were rejected and telegraphic recommendation for construction of a frame building instead of a stone building was made. New bids were submitted and will be opened June 6 on a frame building.

New construction is in progress on the upper end of the Emerald Pool Trail beginning at the campground foot bridge. This is approximately 3/4 miles long and is 75 per cent complete to date.

The District Engineer of the Bureau reported that the supplemental construction plans of the tunnel road will be ready for approval May 21 and the plans for extension of Bryce Rim Road to Natural Bridge by June 1, to be followed by a delay of a month or six weeks for approval, advertising and award of contract. The plans had not been received in this office at the close of the month.

The Union Construction Company resumed work on the Bryce Rim Road bringing settled portions up to grade.

#### 240 Improvement of Approaches to the Park

State work is in progress on U. S. Highway 89 between Hatch and Bryce Junction. This approach is 7 miles in length. Minor improvements have been made on State Highway 15 between North Creek Bridge and Virgin.

Through the efforts of the Bureau of Public Roads and Grand Canyon National Park, the road between Jacob's Lake and the North Rim was cleared of snow and opened for travel on the 21st. At the end of the month the State Highway Department was busily engaged in clearing the snow off the Cedar Breaks road but still had considerable work to do to break through. Mr. Randall Jones of the Union Pacific spent most of his time during the latter half of the month contacting the State Highway Department and the Bureau of Public Roads and the snow removal crews in an effort to hasten snow removal on these two routes so that they would be passable by June 1, when the first Union Pacific tour was due to arrive in Cedar City. It was for this reason that Mr. Jones could not accompany us on the Hoover Reservoir trip.

260 Landscape Work

In compliance with instructions from the Director, the proposed location of the Mather Memorial Plaque was changed from the Temple of Sinawava to the Zion Stadium along the Narrows Trail. Photographs of the new location, with a report, has been forwarded to the Director.

300 Activities of Other Agencies in the Park

Grazing permits issued and sent in for approval:

Henry Cornelius,	38 head of cattle
Joseph Maloney,	24 head of cattle
Angus Bullock,	90 head of cattle
Marion F. Stout,	24 head of cattle
Oliver Demille,	24 head of cattle

310 Public Service Contractors 706

Zion Lodge opened for the season on May 15 with Mr. Harry W. Wolf as manager. The transportation garage opened on the 28th. Bryce Canyon Lodge opened for the season on the 28th.

The early patronage of the lodges has been somewhat disappointing to the managers. They verbally report approximately a 25 per cent decrease of volume of business.

317 Status of Authorized Projects

Contract was awarded to C. I. and R. Anderson of Salt Lake City for construction of the cafeteria or "headhouse" at Bryce, at approximately \$10,000. Work was begun on May 29.

400 Flora, Fauna and Natural Phenomena

410 Ranger, Naturalist and Guide Service

On May 31 Ranger-naturalist Weight reported for duty at Bryce and arrangements were made for continuing the collections and cataloging of the specimens and books and for display of flowers and certain museum specimens in the recreation room at the Lodge.

A "Visitors Guide to Bryce" has been prepared and is being distributed at the checking station to each car on entrance to the park. (Copy attached.) The "Visitors Guide to Zion" has been delayed but will be issued in the near future. A new simplified map similar to that of Bryce is being prepared for this guide.

Field Trips. The regular guide trips are now under way and a definite schedule is carefully maintained.

Zion - 9:00 A.M. and 3:15 P.M., Narrows Trail  
4:00 P.M., Birch Creek Trail  
Bryce - 9:00 A.M., Comanche and Navajo Trails

Two special trips by auto were conducted by the Naturalist to points along the floor of Zion, and one trip to the Petrified Forest in the southwest section of the park.

Lectures. Lectures have been given every night at 8:30 P.M. at Zion since the Lodge opened. The time for the lecture at the Lodge has been limited to 15 or 20 minutes and is accompanied by a musical program. Several campfire meetings have been held at the public campground. These have been irregular on account of the small groups of campers and weather conditions. However, campers have been invited to attend the lectures at the Lodge.

#### 420 Museum Service

The museum exhibits are being rearranged and labeled as rapidly as time permits. A cut wild flower display is now on hand and attracts considerable attention. Recent pressed flower mounts have been added and several boxes of Indian relics. A display of early photos taken in 1870 in Zion and vicinity is being arranged.

Museum hours are daily from 8:30 A.M. to 5:00 P.M.

#### 430 Archeology

The Assistant Park Naturalist with a party of four visited an Indian encampment southeast of the park on the Short Creek Road. A number of pieces of pottery and several arrow heads were secured. On a second short trip an interesting skull was secured as well as information on locations which will be examined as time permits.

#### 440 Insect Control

The shade trees (poplar and ash) on the campground were sprayed about the middle of the month by the ranger force. Tent caterpillars and ash leaf caterpillars are not serious at this date. The flies are kept down by the use of traps maintained on the campground. Ponds of stagnant water in Zion valley have been kept covered with oil as a mesquite control measure.

#### 470 Animals

The live exhibit at the museum now includes a number of small lizards, several chuckwallas, turtles, bull snakes and racers. Deer are developing horns rapidly and many of both sexes are seen each evening. Several porcupine, 2 ring tail cats (civit cat - *Bassariscus astutus*) have been reported from the Emerald Pool Trail. Cougar tracks were found on the stream bank in the Temple of Sinawava.

## 500 Use of Park Facilities by the Public

### 510 Decrease in Travel

The travel in the parks is still under last season's total by 8.3 per cent. The people using the public auto camp have increased 22.6 per cent over last season. 1387 automobiles and 4385 people entered the park during the month, of which 444 automobiles and 1460 people were considered local travel, 304 automobiles were reentry. The weather has been cool enough so that a fire at night was enjoyed. The roads to Grand Canyon and Cedar Breaks were closed with snow until the 23rd and many people camped in Zion several weeks waiting to get to these scenic points before continuing out of the country.

There were 3464 visitors to Bryce Canyon National Park this month, as compared with 3787 during May last year, a loss of 323 or 8.5 per cent.

### 530 Visitors

14th - G. M. Gadsby, Manager, Utah Power & Light Co. of Salt Lake City, accompanied by his wife, were the first guests to register at Zion Lodge. Employees of the Dixie Power Company, Cedar City, held their annual outing in Zion National Park.

15th - Governor George H. Dern arrived in the early afternoon from St. George. I spent the afternoon with him, and in company with Mrs. Patraw and Manager and Mrs. Wolf, we had dinner at Zion Lodge. The Governor departed for Cedar City about 9:00 P.M.

Mr. and Mrs. W. C. Jackling of San Francisco. Mr. Jackling is President of the Utah Copper Co.

State Senator and Mrs. Griffin of Logan, Utah.

### 540 Public Camps

The auto camps in Zion and Bryce are in good condition. People are staying longer in the parks than at any time previous to this year; some have stayed a month in the public camps. The trees were sprayed and the caterpillars killed so that the camp is much more inviting than it has been in other years. Flies have not yet bothered the campers. Every precaution is being taken to keep the camp free from insects and vermin.

## 600 Protection

### 610 Police Protection

A number of people have been stopped and cautioned for speeding. Two parties suspected of picking flowers in the park were questioned and cautioned.

In the early part of the month many rumors came to us to the effect that there had been considerable deer hunting in or near the boundary of Zion National Park by some citizens of Springdale. Investigation was made with the Chief

Ranger and two individuals in particular were suspected. The sheriff of Washington County and the deputy game warden from St. George were called in and also made an investigation but were unable to obtain sufficient evidence to secure a conviction. However, the suspicions were strong enough against the two individuals to justify me in laying them off from work in the park for thirty days. This action seems to have been sufficiently effective to stop deer hunting.

On the evening of May 15 a party of two men and two women from nearby communities created a disturbance in the campground at Bryce and were ordered out of the park. A short time afterward another party came in and began creating a disturbance. Ranger Cope took from them a gallon of home brew and ordered them out of the park. The matter was reported to the county sheriff at Panguitch who investigated and stated that it would be impossible to get any conviction in a case where only home brew was involved.

#### 650 Signs

Some signs were changed and a few new ones put up in Zion during the month. The signs along the highway in Bryce were all stained regulation colors.

#### 660 Sanitation

Careful and frequent inspections have been made by myself and the ranger force of sanitary conditions, particularly in the campgrounds and around the Utah Parks stables. Conditions have been generally excellent.

#### 900 Miscellaneous

After many months of negotiation between the State Road Commission and the National Park Service, the Commission has consented to transfer title to certain sections of the road rights-of-way in Zion National Park to the National Park Service. This office is now engaged in accumulating necessary information for effecting the transfer. Although not specifically mentioned by the State Road Commission, request will also be made for transfer of the section of the Bryce Canyon north entrance road held by the State to the National Park Service.

Very truly yours,

P. P. Patraw  
Superintendent



Tennessee	4	16	0	0	4	16	0	0
Texas	25	69	0	2	25	71	39	126
Utah	3237	10688	13	22	3237	10723	2793	9879
Vermont	2	3	0	0	2	3	1	2
Virginia	2	7	6	0	2	13	5	15
Washington	56	144	0	1	56	145	47	123
West Virginia	2	6	0	0	2	6	1	2
Wisconsin	11	26	0	0	11	26	11	26
Wyoming	30	69	0	0	30	69	52	132
Alaska	0	0	0	0	0	0	1	2
Canada	4	14	0	0	4	14	14	29
Canal Zone	1	2	0	0	1	2	0	0
Denmark	0	0	0	0	0	0	0	1
England	0	0	0	0	0	0	0	1
Hawaii	3	7	1	1	3	9	2	4
Philippine Island	2	5	0	0	2	5	0	0
Panama	1	2	0	0	1	2	0	0
Puerto Rico	0	0	0	0	0	0	1	2
Japan	0	0	0	0	0	0	0	1
Mexico	2	6	0	0	2	6	0	0
South Africa	1	2	0	0	1	2	1	4
South America	1	3	0	0	1	3	1	2
TOTAL	5234	15922	53	40	5234	16015	5718	17477

BRYCE CANYON NATIONAL PARK, IAH

TRAVEL REPORT FOR THE MONTH OF MAY, 1932, BY STATES

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STATE	CARS	PASS	MISC	STAGE	THIS YEAR TO DATE
Alabama	1	2			1 2
Arizona	9	19			9 19
California	333	959	3		833 2459 10 24
Colorado	16	45			36 105
Dist. of Columbia	2	4			2 4
Delaware	1	2			1 2
Idaho	7	21			37 171
Illinois	5	15			5 15
Iowa	3	10			3 10
Kansas	3	6			3 6
Massachusetts	3	8			3 8
Michigan	2	4			2 4
Minnesota	2	6	2		2 6 2
Missouri	3	7			3 7
Montana	2	4			2 4
Nevada	9	30			59 180
New Jersey	2	5			2 5
New Mexico	2	7			2 7
New York	3	7			28 82
North Dakota	2	5			2 5
Ohio	4	10			4 10
Oregon	2	5			2 5
South Dakota	1	2			1 2
Tennessee	1	5			1 5
Texas	3	8	1		3 8 1
Utah	709	1309	9	12	1409 3409 17 36
Washington	4	13			54 163
Wisconsin	3	7			28 82
Canada					20 89
Phillipine Is.	1	3			1 3
Hawai	1	2			1 2
Nebraska					15 55
Wyoming-	3	7			18 76
<b>TOTAL</b>	<b>1142</b>	<b>3437</b>	<b>15</b>	<b>12</b>	<b>2612 7847 30 60</b>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

10-157  
(July, 1929)

TRAVEL REPORT

..... ZION National Park for the month of MAY 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, . . . . .	1083	3873	1298	5044	1171	23.21% Dec
Cars reentry, . . . . .	303	1358	242	672	686	102% Inc
Motorcycles, . . . . .	1	3	0	2	1	50% Inc
Total motor vehicles, . . . . .	1387	5234	1540	5718	484	8.46% Dec
Persons entering via motor vehicles, . . . . .	4371	15916	4740	17398	1482	8.51% Dec
Persons entering via other private transportation, . . . . .	2	6	0	2	4	200% Inc
Total persons entering via private transportation, . . . . .	4373	15922	4740	17400	1478	8.49% Dec
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages, . . . . .	5	53	24	47	6	12.76% Inc
Persons entering via trains, . . . . .						
Persons entering otherwise, . . . . .	7	40	8	30	10	53.3% Inc
Total other transportation, . . . . .	12	93	32	77	16	20.77% Inc
GRAND TOTAL ALL VISITORS, . . . . .	4385	16015	4772	17477	2462	8.3% Dec

Local travel 1932 to date, 2906 cars, 9892 people Local travel 1931 to date, 1576 cars, 5066 people	This Year	Last Year	Increase	
			Number	Percent
Automobiles in public camps during month, . . . . .	342	283	59	20.8% Inc
Campers in public camps during month, . . . . .	1056	861	195	22.64% Inc

10-157  
(July, 1929)

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

TRAVEL REPORT

BRYCE CANYON

National Park for the month of MAY, 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, . . . . .	1142	3612	1085	3615	-3	-.1
Cars reentry, . . . . .						
Motorcycles, . . . . .						
Total motor vehicles, . . . . .	<u>1142</u>	<u>3612</u>	<u>1085</u>	<u>3615</u>	<u>-3</u>	<u>-.1</u>
Persons entering via motor vehicles, . . . . .	3437	7847	3787	9752	-1905	-19.5
Persons entering via other private transportation, . . . . .						
Total persons entering via private transportation, . . . . .	<u>3437</u>	<u>7847</u>	<u>3787</u>	<u>9752</u>	<u>-1905</u>	<u>-19.5</u>
<u>OTHER TRANSPORTATION:</u>						
Persons entering via stages, . . . . .	12	60	0	0	60	600
Persons entering via trains, . . . . .						
Persons entering otherwise, . . . . .	15	30	0	4	26	650
Total other transportation, . . . . .	<u>27</u>	<u>90</u>	<u>0</u>	<u>4</u>	<u>86</u>	<u>650</u>
GRAND TOTAL ALL VISITORS, . . . . .	<u>3464</u>	<u>7937</u>	<u>3787</u>	<u>9756</u>	<u>-1819</u>	<u>-18.6</u>

Local Travel

This Month	This Year	This Year	Last Year	Increase	
				Number	Percent
372 cars and 894 pass.	910 cars and 350 pass.				

Automobiles in public camps during month, . . . . . 178

Campers in public camps during month, . . . . . 418

WEATHER REPORT

TEMPERATURE:

Mean Maximum .....	78.5		
Mean Minimum .....	49.5		
Mean .....	64		
Maximum .....	88	date,	17
Minimum .....	34	date,	8

PRECIPITATION:

Total .....	2.10	inches	
Greatest in 24 hours.....	.84	date,	8

NUMBER OF DAYS--

With .01 inch or more precipitation 8

clear, 15; partly cloudy, 2; cloudy, 14

BRYCE CANYON NATIONAL PARK, UTAH.

WEATHER REPORT

MONTH OF MAY 1932.

TEMPERATURE

Mean Maximum	58.6	
Mean minimum	32.4	
Mean	45.5	
Maximum	70	on 18th.
Minimum	22	8th

PRECIPITATION

Amount of snow May 1st	none
Snowfall during the month	6 inches
Greatest in 24 hours	3 inches
Amount of snow May 31	None

WEATHER

Days clear	11
Partly cloudy	14
Cloudy	6

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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 May, 1932

	This Month		This Month Last Year	
	Appointed	Non-Appointed	Appointed	Non-Appointed
Number of employees beginning of month	11	4	9	21
Number of additions	6	54	3	37
Total	17	58	12	58
Number of separations	0	21	0	20
Number of employees close of month	17	37	12	38
Number of promotions during month	0		0	
Aggregate amount of annual leave taken	12 $\frac{1}{2}$		3	
Aggregate amount of sick leave taken	0		0	
Aggregate amount of leave without pay	0		0	

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

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

	This Year	Last Year
Park revenue on hand beginning of month, . . . . .	198.00	91.00
Received, . . . . .	1,010.30	1,331.00
Total, . . . . .	1,208.30	1,422.00
Remitted, . . . . .	490.00	790.00
On hand close of month, . . . . .	718.30	632.00

Park revenues received this year to date, . . . . .	11,349.30
Park revenues received last year to date, . . . . .	13,122.50
<del>increase</del> Decrease, . . . . .	1,773.20
Per cent of <del>increase</del> <del>decrease</del> , . . . . .	13.5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

	Number	Value
<u>GOVERNMENT PUBLICATIONS:</u>		
On hand beginning of month, . . . . .	221	221.00
Received during month, . . . . .		
Total, . . . . .	221	221.00
Sold during month, . . . . .	7	7.00
On hand at close of month, . . . . .	114	114.00

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, . . . . .		7.00
Total, . . . . .		7.00
Remitted during month, . . . . .		
Balance, . . . . .		7.00

## DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

## STATUS OF AUTHORIZED PROJECTS

Zion-Bryce National Park for the Month of May, 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			Sept 30, 1932
408 Comfort station	100			
409 Woodshed-garage	100			
410 Powder house	100			
484 Water system, West Rim	100			
485 Extension water system	100			
486 Extension sewer system	75			June 30, 1932
487 Campground development	100			
488 Improving grds, adm area	70			June 30, 1932
502.1 Misc trail const	100	5		
504.4 Post construction	5	5		June 30, 1933
504.5 Road protection	100	2	4	
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			
505 Camp road	00			Sept 30, 1932

## DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

## STATUS OF AUTHORIZED PROJECTS

Zion-Bryce

National Park for the Month of May, 1932

Description of Projects	Percent Constructed To Date	<del>PERCENT</del>	<del>PERCENT</del>	Probable Date of Completion
		<del>CONSTRUCTED</del> THIS MONTH	<del>CONSTRUCTED</del> LAST MONTH	
<u>Zion</u>				
407 Employees quarters	00			
408 Comfort station	100			
409 Woodshed-garage	100			
410 Powder house	100			
484 Water system, West Rim	100			
485 Extension water system	100			
486 Extension sewer system	75			
487 Campground development	100			
488 Improving grds, adm area	70			
			AVERAGE NUMBER OF MEN EMPLOYED	<u>.16</u>
502.1 Misc trail const	100			
504.4 Post construction	5			
504.5 Road protection	100			
504.6 Roadside cleanup	90			
			AVERAGE NUMBER OF MEN EMPLOYED	<u>94.8</u>
<u>Bryce</u>				
410 Dormitory	95			
411 Messhouse	95			
412 Employees quarters	95			
484 Campground development	75			
			AVERAGE NUMBER OF MEN EMPLOYED	<u>.24</u>
501 Trails	100			
503 Oiling road	100			
505 Camp road	00			
			AVERAGE NUMBER OF MEN EMPLOYED	<u>2.00</u>