

207-021

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ARCHES NATIONAL MONUMENT

Moab, Utah

January 22nd, 1941

Mr. Hugh M. Miller, Superintendent
Southwestern National Monuments
Coolidge, Arizona

Dear Hugh:

This has been a very short but very busy month for us. We returned from California on January 5th and found a small mountain of mail, both personal and official, awaiting us. It took us a day or two to dig our way out and then we buckled down to the real work ahead of us. The CCC camp has had the appearance of a ghost-town, for the past month, but the arrival of new men on the 19th to bring the company up to regular strength has changed all that. They will be turned over to us in another day and I hope the ball will then start rolling. We have just started the tests on the headquarters well and I will be able to give you a detailed report on it within the week. This test was made possible through the cooperation of Fred Jewkes, Project Superintendent of the Dalton Wells, Grazing Service, CCC Camp and James Andrews, District Grazier, Moab, Utah. These two men have always been willing to help us in any way they could and they surely filled the gap this time just when it looked as if the tests would have to be postponed through lack of equipment.

ARCHES

By Henry G. Schmidt, custodian
Moab, Utah

Travel this month, 49 Travel year to date, 660.

Weather

The first part of the month was spent in California, on annual leave, and I am unable to vouch for the Utah weather during that period. However, I will pass on the word of our Moab friends and report two weeks of snow, rain and blustery weather. Since our return to Moab, the weather has been clear and warm, with just a day of snow and rain. We didn't bring this sunshine back with us from California; it is just

a sample of the weather ordinarily enjoyed in southeastern Utah during the winter. We can't boast about our roads, but we do boast about the climate.

Roads

There are, at present, nine miles of parallel ruts leading into the Windows Section of the monument. The abnormal amount of precipitation during December, plus the recent warm spell, left portions of the road in very bad condition. It is still possible to navigate the entire distance during the daylight hours without a great deal of difficulty, which condition, according to my guess, will place us next to Chaco and El Morro in the road classification. Lack of man-power at Camp NP-7-U has slowed down the road maintenance during the past month, however, the recent arrival of enrollees assures us of immediate continuation of work on the road and it can easily be put in good condition within a month.

The road to Devil's Garden and Delicate Arch sections, via Salt Valley, is impassable at present. A few more warm, clear days will help dry out the mud and patrol of these sections by car will then be resumed.

Visitors

A few out-of-state visitors skidded into the Windows Section this month and kept our visitor count from dropping down to nil. A total of 49 visitors signed the register at the end of the road and of this number, 23 were from Colorado, 9 from California, 6 from New Mexico, 3 from Texas, 3 from Illinois, 3 from Utah and 1 each from Washington and Alaska.

Seven parties, with 26 visitors were conducted through the Windows Section.

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Project Progress for the Month

Road maintenance, although urgently needed, was out to the minimum during the month. The CCC maintenance project was suspended until the new enrollee replacement arrived. I have been able to repair the boggiest spots in the road and have kept the road open and passable inspite of the weather.

Routine patrols were made to the Windows and Courthouse Towers sections. The patrol to the Windows section was made several times each week in order that I might assist any visitor who may have lingered too long in one of our mudholes.

A test on the headquarters area water supply well has just been started. The equipment is in place and ready to run and we hope to be able to make a favorable report on the productivity of this well in the near future. This project was made possible through the co-operation of Mr. Fred Jewkes, Superintendent of the Grazing Service CCC camp at Dalton Wells, and Mr. James Andrews, District Grazier, Moab, Utah. They arranged to lend us the use of the water line and pump necessary to do this work, and were of assistance to us in setting the equipment in place.

Correspondence and reports are up to date.

Projects for the Ensuing Month

Maintenance of the Windows Section road, with particular attention to the sections which are draining slowly after each storm and each thaw.

Completion of the tests on the headquarters well and reports to the superintendent.

#4

Reconnaissance of the new road, from Courthouse Wash crossing to the Balanced Rock.

Routine patrols of all sections of the monument.

General

The recent trip and vacation in California gave me a chance to try out my collection of kodachrome slides of Arches and vicinity on quite a number of people. During our stay in California I gave 5 illustrated talks to 193 people. The largest gathering appeared at the Visalia Lions Club meeting, where the slides were shown to 62 members and visitors.

Associate Engineer Miller spent several days at the monument, flagging out a preliminary line from the head of Courthouse Towers to Courthouse Wash crossing.

We end this report with the expression of hope that we will see all of the "Outfit" at Coolidge, sometime during February.

Respectfully submitted,

Henry G. Schmidt,
Custodian

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ARCHES..... NATIONAL MONUMENT

.....Moab, Utah.....

.....February 17th....., 19 41

Mr. Hugh M. Miller, Superintendent
Southwestern National Monuments
Coolidge, Arizona

Dear Hugh:

This part of the country has at last been favored with a little sunshine and the past three weeks of heavy fog have left us with a greater appreciation of the Moab sunshine. It seems that every time I boast a little in the report about our fine climate the weather man does all he can to make me out a prevaricator. We are about to pack our extras and start for Coolidge so you will probably have heard all there is in this report before you ever get a chance to read it.

Our house has been, literally, "sold from under us". Moab is to have a new modern tourist court and the builders elected to pick our present place of residence as the most likely location in town. We are glad to see this much needed improvement come to Moab but are having a hard time finding a place to live.

ARCHES

By Henry G. Schmidt, custodian
Moab, Utah

Travel this month, 44

Travel to date, 704.

Weather

Every time I brag a bit about the climate or the fine weather we usually enjoy in this section of the country, we get a good dose of the kind of murk we don't care to advertise. The past month was dull and very damp, with 90% fog, 5% rain, 4% snow and 1% sunshine. The only unpleasant elements lacking were high winds and dust storms. The weather man blames our plight on a pocket of stagnant air that is present in this region but predicts that the recent warm spell will precipitate this air pocket

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and bring us our usual weather next month. He may be correct because part of the precipitation is taking place right now.

Roads

We still have a series of ruts, several feet wide and inches deep, 10 miles long, leading into the Windows section. The last two miles don't count because they are covered with snow to a depth of nine inches and impassable without chains. It has been necessary to close this road to all travel for the last twelve days. There is no use keeping coals of fire on the Service and that is just what would happen if we allowed visitors to attempt to navigate our mud holes and snow banks. If we are favored with a week of sunshine and no precipitation of any kind, it will be possible to work the road into fair shape in a short time. The State Highway Department has promised to blade the first (and muddiest) five miles as soon as conditions permit. The CCC maintenance crew will take care of the last five miles.

The road down Salt Valley is impassable and will remain so until we have had a long dry spell to evaporate all moisture that is now held in the adobe clay flats.

Visitors

The Courthouse Towers section of the monument resounded to the "oh"s and "ah"s of more visitors this month than did the Windows section. The few hardy visitors that did brave the rigors of our fog and sleet were much dismayed to find they could not enter the Windows section, but were appeased after hiking through the Courthouse Towers. A total of 30 visitors made the hike through the Towers and only 14 successfully navigated the road to the Windows section.

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This is a record for Courthouse Towers.

Park Service visitors include Horace Miller, Fruita, Colorado; Mr. and Mrs. Glenn Boyland, Mr. and Mrs. Art Gilmore, and Tom Williams, of Mesa Verde National Park.

Project Progress for the Month

Weather conditions made maintenance of the Windows section road impracticable and any attempt to work under the prevailing conditions would have been a waste of time and money.

The testing of the headquarters well was completed and report made to the Superintendent. This work was carried on through the cooperation of the Grazing Service and it is probable that they will complete the cleaning out of the well within the next two months. They have agreed to do this work for us and, also, offered to rig our well with the necessary tubing if we can have it on the job at the time they clean out the well.

Routine patrols were made through the Windows section and the Courthouse Towers. No patrols were made in the other three sections.

The custodian cooperated with the Associate Regional Engineer and the survey party in making the preliminary road reconnaissance between Courthouse Wash and the Balanced Rock.

Projects for the Ensuing Month

Maintenance of the Windows section road, with particular attention to correcting drainage faults near the Courthouse Wash crossing.

Assistance to the survey party now working on the preliminary survey to the Windows section.

#4

Custodian Conference

The custodian, HCWP and small daughter, were very happy to be able to attend the Custodians Conference at headquarters on February 19, 20 and 21.

The meeting was packed with interesting discussion from start to finish, and the exchange of ideas of all personnel present will, I believe, prove of great value to all of us.

Respectfully submitted,

Henry G Schmidt,
Custodian.

207-023

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ARCHES..... NATIONAL MONUMENT

..... Moab, Utah

..... March 23rd, 19. 40

Mr. Hugh M. Miller, Superintendent
Southwestern National Monuments
Coolidge, Arizona

Dear Hugh:

We are about to get settled after moving for the second time in a week and hope we can stay put for awhile. As you know our former residence is now the location of a new auto court, which is well on its way toward completion. Upon vacating that place we moved into one of "Bowens' Bathless Bungalows" (not so good!). You will remember how you almost froze in one of them, and we found they are just as uncomfortable in warm weather. The day we moved the heirs in the Goodman Estate asked us if we would consider renting the family home, partially furnished, so here we are awaiting the arrival of the Moab Garage truck and Boyd Jorgensen and Burt Redd to help us with our "weekly" moving. The Goodman house is the two-story house just east of the High School.

The maintenance crew has started work on the Windows section road again and we have made some fine progress in the past three weeks. Travel has picked up considerably over last month and is ahead of March of 1940.

ARCHES

By Henry G. Schmidt, Custodian
Moab, Utah

Travel this month, 197; travel to date, 901.

Weather

- Weather, usual. A few days were cloudy with some snow and an abundance of rain; the partly cloudy and clear days were warm and springlike and were in the majority during the month. Three days of high wind, with sand and dust storms, were no more or less violent than we expected, and March, call it Lion or Lamb as you will, is

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ending with last evening's fresh blanket of snow rapidly disappearing under the warm spring sunshine that greeted us this morning.

Roads

After months of howling about the condition of the road leading to the Windows section, it will be a relief to hear that our 9 miles of low-grade desert road has been changed to 9 miles of high-grade desert road. The CCC maintenance crew is on the job again and progress made in improving this road is more than I had ever anticipated. The roughest hills and worst dips have been re-shaled and the mud holes are now non-existent. The sandy stretches of the road will give us some trouble in a few weeks but with the crew on the job we will be able to keep the road in much better condition this summer.

The road through Salt Valley to the Devil's Garden is passable but very rough.

Visitors

We have climbed back into the "travel increase" class this month, with a visitor count of 197 as compared to 99 for March, 1940. Many of the visitors made the trip into the Windows section and Courthouse Towers for the express purpose of taking pictures and were not disappointed. The partly cloudy days were numerous and I am certain the cloud effects and conditions for ideal photography in color will bring many of those visitors back for more.

The main object of our maintenance work on the entrance road to the Windows section is, of course, to make it traversible with as little difficulty and discomfort as possible, and it also affords an equally important advantage in making it possible for me to contact a large percentage of our visitors. Seventeen parties with 99 people were guided through

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the Windows and Courthouse Towers and 10 parties with 37 people were contacted on the road into the Windows section.

E. P. Hunt, head of the Department of Health, Stanford University, made a return trip to Arches with a party consisting of Fred Smith, Palo Alto, California merchant; Elwyn Bugge, tennis and fencing coach; and Franklin A. Cathcart, Stanford student. They were guided through the Windows and Devil's Garden sections, where they took color movies. Mr. Hunt is editing a color movie of scenic areas of southern Utah and northern Arizona, to be shown to educational units and civic clubs of Pacific Coast states.

Park Service visitors included Horace Miller, Fruita, Colorado; Raymond Higgins, Santa Fe, New Mexico and Mr. and Mrs. Glenn Boyland, Mesa Verde National Park, Colorado.

Project Progress for the month

Much of my time was spent with the maintenance crew, working on the Windows section road. The men on the crew are all new hands, but the enrollee leader is rapidly learning the work and is now able to carry on maintenance with less help from the custodian.

Patrols were made of the Windows, Courthouse Towers and Devil's Garden sections.

Cooperation with the survey party running line for the Courthouse Towers to Windows Section road.

Four directional and informational signs were reconditioned and reset.

Projects for the ensuing month

Continued maintenance of the Windows section road.

Placement of boundary markers on the east boundary of the monument.

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This project was discontinued during the winter because of adverse weather conditions.

Collection and pressing of flowers for identification at the University of Utah.

Patrol of all sections of the monument.

✓ Notes of Interest

Eagle Rock, one of the interesting formations in the Windows section, fell sometime between March 1st and 3rd. The pedestal upon which the sandstone likeness of our national bird was resting, still remains. The Eagle fell to the base of the pinnacle and was reduced to fragments.

A large boulder slipped from the north end of Landscape Arch sometime during the winter months, making the arch approximately 305 feet in length instead of 291 feet.

Lion tracks were noted in both the Windows section and in Devil's Garden. Lions are numerous in the La Sal mountains, but are quite rare on the monument.

Deer sign is abundant in the Windows and Devil's Garden sections and several deer were seen during the month.

✓ General

Lack of office space has been a handicap and problem at Arches National Monument. This problem has been partly solved for the present as the Meab Garage Company has given me office space in their building and we now have our first headquarters for Arches.

Respectfully submitted,

Henry G. Schmidt,
Custodian

207-023

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

.....Arches..... NATIONAL MONUMENT

.....Moab, Utah.....

.....April 22,....., 1941

Mr. Hugh M Miller, Superintendent
Southwestern National Monuments
Coolidge, Arizona

Dear Hugh:

This report is going to be a bit brief because I am at present confined to bed with a severe cold, and am attempting to think and write clearly while lying almost flat on my back. Rita is in California so I am going to call on Burt Redd to type the reports for me. I should be on my feet in two or three days, but the Dr. insists I stay in bed until all traces of the head cold and sinus infection are absent.

ARCHES

By Henry G. Schmidt, Custodian
Moab, Utah

Travel this month, 461; travel to date 1362.

Weather

We can not truthfully, even at this late date, announce the arrival of Spring in Southeastern Utah. April has continued cold wet from frequent rain and snow storms. The average annual precipitation in Moab is listed at 9 inches, official records for the first seven months of the "weather year" show 13.7 inches of precipitation in Moab valley. The heavy summer cloudbursts will raise this figure by at least 4 inches. If this rate of rainfall continues, we will have a hay crop in Courthouse Towers this fall.

Roads

The CCC maintainance crew ha been on the job the entire month, and the road from Highway 160 to the Windows section is in good condition in spite of the rain and snow.

The road down Salt Valley to the Devil's Garden and Delicate arch is

impassable at present

Visitors

The Grand County High School of Moab elected to use the Windows Section as the objective on their annual "Ditch-day" hike, and the 209 students and faculty members who participated helped to keep the visitors count for the month with April of 1940. It is a problem to handle such a large number of visitors in a single day and I gratefully acknowledge the assistance of the faculty members in guiding the students through the area. The students were transported to the end of the road in trucks, and a picnic lunch was served prior to a 4 hour visit of the area.

Fourteen parties with a total of 114 people were guided through the Windows Section, while 7 parties with 84 people were contacted at Willow Springs and on the entrance road.

Park Service visitors included Hugh M Miller and C. A. Richey, Headquarters, Coolidge, Arizona. Horace Miller, Fruita, Colorado. George Norgard and Willard Armstrong, Santa Fe, New Mexico, and A. Van V. Dunn, San Francisco, California.

Project Progress for the Month

Continuation of maintainance work on the Windows Section road. Severe weather conditions handicapped us somewhat, but we were able to save all past improvements and to continue with new maintainance on the other sections of the road.

Patrols were made in the Windows Section and Courthouse Towers.

Assisted Associate Engineer, Horace Miller in flagging two miles of the spur road from Balanced Rock into the heart of the Windows Section.

Obtained water from the headquarters well for testing by the Utah State Board of Health.

Road conditions in Salt Valley made it impracticible to attempt any

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work on boundry posting.

Our spring flowers are two weeks behind schedule, and collecting and pressing of them was accordingly set ahead for next month.

Project for the Ensuing Month

Continued maintainance of Windows Section road.

Collection and pressing of flowers for identification at the University of Utah.

Patrol of all sections of the monument.

Placement of boundry markers on east boundry of the monument.

✓ Notes of Interest

Arch #83 was discovered by Horace Miller and the custodian while on road reconnaissance trip in Windows Section. This arch, localted on the north side of Windows Section, $\frac{1}{2}$ mile from the Balanced Rock is approximately 100 feet lonf and 60 feet high.

Respectfully submitted,

Henry G. Schmidt
Custodian

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ARCHES..... NATIONAL MONUMENT

..... Moab, Utah

..... May 22, 1941

Mr. Hugh M. Miller, Superintendent
Southwestern National Monuments
Coolidge, Arizona

Dear Hugh:

This has been quite a month, what with a good increase in travel, your 3-day visit (the longest on record) and fine talk at the evening meeting of the Associated Civic Clubs of Southern Utah, and the visit of the Director and party.

ARCHES

By Henry G. Schmidt, custodian
Moab, Utah

Travel this month 553; travel to date, 1915.

Weather

May followed the example of the preceding month somewhat by giving us more rain and snow, mixed with a few days of high temperatures and hot winds. We have had a very short spring season and are now on the brink of our summer season. No attempt is made, by the custodian at least, to predict the weather for the months to come but if the past is in any way a dependable criterion, we can expect at least 3 months of very warm weather. We have just experienced the wettest winter in 40 years, and quite possibly we are about to experience the hottest summer!

Roads

The road into the Windows section is in good condition. It is probable that with the help of the CCC maintenance crew we will be able to keep the sand dunes from causing the visitors too much trouble on this

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section of road.

The Salt Valley road, to Delicate Arch and the Devil's Garden sections, is passable but very rough. Travel over this road is hazardous and uncertain, and visitors are being warned of these conditions.

Visitors

Two of our previous visitor-records were broken this month. The total number of visitors, 553, is greater than that for any month on record, and the number of people, totaling 224, who visited the Windows section May 11th, set a new record for a single day's travel into the area. Colorado, Utah and California sent us the largest number of visitors, with the balance of travelers coming from Nevada, Oklahoma, Iowa, Indiana, Illinois, Ohio, West Virginia, Tennessee, Washington, Oregon, Idaho, New York, New Mexico, Arizona, Texas, District of Columbia, Hawaii, and Berlin, Germany.

Twenty-four parties, with 204 people, were conducted through the Windows section and 16 parties, with 195 people, were contacted either at the Willow Springs Ranger Station or on the entrance road, for a total contact count of 399 people. Two parties, with 12 people, hiked from the Balanced Rock to the Delicate Arch; 17 people hiked into the Courthouse Towers section, and one party of 5 hiked into the Landscape Arch in the Devil's Garden section.

Director Drury and party, composed of Regional Director Tillotson, Jess Nusbaum, Senior Archeologist, Santa Fe, New Mexico, Superintendent Hugh M. Miller, Superintendent Edmond Rogers and Jack E. Haynes of Yellowstone National Park, Superintendent John McLaughlin, Mesa Verde National Park, George Olcott, Santa Fe, Frederick Law Olmstead, Brookline, Massachusetts, Mr. and Mrs. Duncan McDuffie, Berkeley, L. L. Taylor, Moab, and the

Custodian, visited the Windows Section and headquarters area.

Other noteworthy visitors were J. H. McGibboney and S. J. Stevenson, Salt Lake City; F. G. Martinez and L. A. Wynaught, Richfield, Utah; Tom Williams, Mesa Verde National Park; Luis Castellum, Jules La Verne and Raymond Higgins, Jerome C. Miller and Kenneth Saunders, Region III headquarters, Santa Fe.

Project Progress for the Month

The improvement and maintenance of the Windows Section road was continued during the entire month.

Several specimens of desert flowers found within the area were collected and are being pressed preparatory to sending them to the University of Utah for identification.

Patrols were made in all sections of the monument except the Delicate Arch. The ground cover in the Devil's Garden is better than last year signs of trespassing by trail herds of sheep are evident. Winter patrols in this section are impractical and the strict enforcement of the grazing regulations will continue to be difficult unless the most accessible portions of the boundary are fenced.

Six miles of the east boundary were located and marked. This project has been carried on with the assistance of the CCC. The balance of the boundary yet unposted is some distance from any trail or road, and future boundary posting will be carried on with pack stock. This project will be discontinued until funds are available for the necessary pack stock.

Projects for the Ensuing Month

Continuation of the collecting and pressing of wild flowers for identification at the University of Utah.

Continued maintenance of the Windows section road.

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✓ Dr. Ross Maxwell, Regional Geologist, will be here for two weeks and a pack trip through the entire area for the purpose of geological study is proposed.

It is expected that travel into the Windows section will continue to be heavy, and as much time will be given to interpretative contacts as possible.

Notes of Interest

My first trip to the extreme northern end of the Devil's Garden was made during the month. Harry Reed, former custodian, had told me that he had never been in this part of the monument and knew of no arches in the region. It was quite a surprise to find several small windows and two arches very well hidden in the maze of high, narrow fins. The two arches are approximately 30 by 35 feet in dimension, and in one of them I found the initials "R.C." carved in the sandstone buttress, with the date "1876".

Several pot-sherds have been found in the Windows section and will be sent to headquarters for inspection and identification.

Respectfully submitted,

Henry G. Schmidt, Custodian

207-0213

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ARCHES NATIONAL MONUMENT

.....
Moab, Utah

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June 23rd 19 41

Mr. Hugh M. Miller, Superintendent
Southwestern National Monuments
Coolidge, Arizona

Dear Hugh:

It is hot enough today to fry eggs on the "sliakrook", but there are things to be done so I may as well ignore the heat and get my monthly report on paper. Since the 21st I have been trying to catch a few minutes for the reports in between almost continuous contacts with out-of-state visitors. Travel for the month was more than double that of June, 1940. Just to give you an idea of where our visitors are coming from the travel for Sunday, June 22, consisted of 16 parties with 82 people, registered from 11 different states. Only 2 of the parties were from Utah.

The trip through the monument with Dr. Maxwell was very instructive and extremely well worthwhile from several view points. I have always thought that this area was one of the outstanding outdoor geological laboratories in the nation, and now I am convinced of the fact. Dr. J. LeRoy Kay, Curator of Vertebrate Paleontology at Carnegie Institute, accompanied us on the entire trip, and his technical assistance was of great help to us. I will make a complete report of this trip as soon as I return from the fire school at Bryce Canyon.

ARCHES

By Henry G. Schmidt, custodian
Moab, Utah

Travel this month, 472.

Travel to date, 2387

Weather

The first half of the month was very wet and windy. Several heavy rains filled all the washes to capacity, and wrecked our wild flower display. The last half of the month was very warm and dry. Summer has arrived with a definite indication of remaining for awhile and each day the mercury soars a little higher on the thermometer.

Roads

The Windows Section road was badly washed by the rains during the first part of the month and was closed to travel for three days. Most of the damage was centered in the vicinity of Courthouse Wash crossing, but this damage was repaired by the CCC maintenance crew and the road is now in good condition.

The heavy rains further damaged the road down Salt Valley, many sections of the existing road being entirely washed out. This road is passable but only to experienced desert travelers.

Visitors

Travel to the monument more than doubled over the corresponding month in 1940. California, Colorado and Utah sent us the largest number of visitors with the balance of travel originating in 27 other states.

Twenty-seven parties, with 152 people, were conducted through the Windows Section and 20 parties, with 170 people, were contacted at the Willow Springs Ranger Station or on the entrance road. Two parties with 11 people hiked into the Courthouse Towers section.

Park Service visitors included Dr. Ross Maxwell, Jack Diehl and George Norgard, Santa Fe, New Mexico, and Glenn Boyland and Art Gilmore of Mesa Verde National Park.

Newsorthy Visitors

Arches has been visited by more than its share of newsorthy visitors this month. Dr. J. LeRoy Kay, Curator of Vertebrate Paleontology at Carnegie Institute, and family, of Pittsburgh, Pennsylvania, visited in this section for two weeks. During this time, Dr. Kay toured the greater portion of the monument area and points of interest outside the monument.

Dr. Lawrence H. (Larry) Gould and wife, of Northfield, Minnesota,

spent two days re-visiting the Windows section.

Dr. C. L. Hess and daughter, Charlotte, of Bay City, Michigan, are now re-visiting the Arches. While on their trip through the Arches last summer Dr. Hess made 200 kodachrome slides of the area. He has used them in lectures throughout the state of Michigan during the winter and stated that they were so well received that he returned this summer to complete the photographing of the Arches area.

Project Progress for the Month

The maintenance of the Windows Section road was continued to June 18. On that date the company strength of the Arches CCC Camp was cut to a minimum; this project, consequently, was discontinued until the replacements arrive to bring the company up to normal enrollment again.

The collecting of flower specimens has been rather a disappointment than a project showing progress. Just at a time when the desert flowers were at their best, the rains came accompanied by hailstones and wind, making it necessary to postpone the collection of additional specimens until next Spring.

Patrols were made in all sections of the monument.

✓ Dr. Ross Maxwell, Regional Geologist, and I made a very complete survey of the entire area. A pack trip of 6 days duration took us through Devil's Garden, Delicate Arch, Fiery Furnace and Courthouse Towers sections. Specimens of the various formations were collected and notes and data compiled for use in preparing a geological map and report on the area. Dr. J. LeRoy Kay accompanied us on part of this trip and his assistance is greatly appreciated. A detailed report of the trip will be made within the next 10 days.

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Projects for the Ensuing Month

As much time as possible will be spent in guide and contact work in the Windows Section.

Attendance at the fire training school at Bryce Canyon National Park and report on the meetings.

Compilation of ^{data and} detailed report of geological survey of the monument.

Continued maintenance of the Windows Section road.

Due to the ^{ing} growing need for directional signs to the various points of interest in the Windows Section, this project will be given sufficient time for completion during the month.

Notes of Interest

✓ One of the interesting discoveries made on the pack trip with Dr. Maxwell is that of a new arch, located in a very inaccessible part of the Devil's Garden. The newly discovered arch is similar in shape to the North Window in the Windows Section and is approximately 130 feet in length and 45 feet high. It is framed in a great sandstone fin and is sided by an arch in the making, approximately 30 feet from each buttress.

Part of our trip carried us into the side canyons of the Salt Wash, in the Yellow Cat district, just east of the monument. During this portion of the trip we discovered several caves that showed distinct signs of early habitation. The largest of the caves and the most interesting, is approximately $\frac{1}{2}$ mile east of the Devil's Garden. The cave is approximately 350 feet in length and 150 feet deep. We were able to trace several walls of inner buildings that have been covered, apparently, for many years with the accumulation of sand and debris. One fine mano was found in the cave.

Respectfully submitted,

207-023

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ARCHES..... NATIONAL MONUMENT

..... Moab, Utah

..... July 21st

..... 1941

MONTHLY REPORT - JULY, 1941

ARCHES NATIONAL MONUMENT

ARCHES

By Henry G. Schmidt, Custodian
Moab, Utah

Travel this month, 494

Travel to date, 2881

Weather

The usual brand of hot summer weather has been our lot, with a few days of high temperatures and occasional rainstorms. Fortunately the evenings are nearly always cool and it is possible to get a good night's sleep to restore one's vitality and courage to face the next day's super-heat. I find that I can absorb just so much of this Utah sunshine and after about the second trip of the day through the Windows section I begin to wish for a cool, shady spot for a siesta.

Roads

The road into the Windows Section is in good condition this summer. The past two days' rain caused several bad washouts, but the CCC maintenance crew is again on the job and the storm's damage will be repaired in short order.

The Salt Valley road to Devil's Garden and Delicate Arch is still impassable to all but truck or pickup traffic. I am optimistic enough to hope the Grand County road patrol will do some maintenance work on

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the road within the next month. Hand labor is futile but a week's work with a road patrol will put it in fairly good condition for a desert road.

Visitors

Travel to the monument has again doubled over the corresponding month of 1940. California, Michigan, Nevada, Utah and Ohio lead the field in visitor count, with all 48 states except Maryland and Rhode Island being represented.

Thirty-six parties, with 186 people were conducted through the Windows Section and 51 parties, with 164 people, were contacted at Willow Springs Ranger Station and on the entrance road.

Hours spent in interpretative contact: Custodian Schmidt, 41 hours. Park Service visitors included C. A. Richey, Jesse Nusbaum, Raymond Higgins, Ernest L. Dugas, CCC Inspector of the Washington Office, and Glen Boyland, Mesa Verde.

Newsworthy Visitors

- Mrs. Portia Mansfield of the Perry-Mansfield Camp, Steamboat Springs, Colorado, and a party of 25 camp members, visited the Windows Section for one day. The young ladies composing the party were from 11 Eastern states, Belgium, France and England. They enjoyed the Arches very much and one of the Belgium girls expressed her impression in the Register Book as "Simply too big and too beautiful to describe - I never realized such country existed!"

Mr. and Mrs. Josef Muench of Santa Barbara, California, spent two days here gathering material and photographing the Windows Section for use in magazine articles, etc., on Arches National Monument.

#3

Project Progress for the Month

I attended the Fire Training School at Bryce Canyon from June 26th to 28th, inclusive, and want to express my appreciation for the opportunity to attend another of Jack Barrow's interesting training schools. A detailed report was sent to Superintendent Miller.

A 2-day fire training school, attended by 54 enrollees and camp personnel, was conducted at CCC Camp NF-7-U, on July 9th and 10th.

Two directional and informational trail signs were constructed at the CCC camp and set in place in the Windows Section.

Patrols were made in all sections of the monument.

Harry Reed assisted me by making ten 5x7 photographs of the Windows Section and the CCC work projects, to be used in the Annual Report to the Director.

At least half of my time has been spent on patrol of the Windows Section and interpretational contact work in the same area. The great increase in travel and almost total lack of trails make it imperative that as much assistance as possible be given the visitors.

As much time as was practicable was spent with the CC^U maintenance crew working on the Windows Section road. Constant maintenance is necessary to keep this road in good condition and the crew is to be complimented on the fine work they are doing.

Two trips were made to Natural Bridges National Monument during the month.

Correspondence and reports were brought up to date.

The 400-ft. reel of Kodachrome, featuring the Arizona National Monuments has been shown to two groups of 126 people. A great deal of

#4

interest was shown and I am looking forward to the time when I can use film of other Southwestern National Monuments in connection with lectures before groups of people in this part of Utah.

Projects for the Ensuing Month

Maintenance of the Windows Section road and interpretative work in the Windows Section will receive paramount attention during the month. Patrols to all sections of the monument will be made if practicable.

All reports, routine and special, filing and correspondence will be kept up to date.

Respectfully submitted,

Henry G. Schmidt,
Custodian

707-023

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ARCHES..... NATIONAL MONUMENT

..... Moab, Utah

..... August 23rd, 19 41

MONTHLY REPORT - AUGUST, 1941

ARCHES

By Henry G. Schmidt, Custodian
Moab, Utah

Travel this month, 609; travel to date, 3480.

Weather

The first two weeks of August continued dry and hot, with a majority of the days partly cloudy. Intermittent thundershowers beginning on August 10th and ending on August 17th, brought relief from the recent heat wave and from past experience I would say the summer season is over and our long autumn season has begun.

Roads

The road to the Windows Section was in excellent shape prior to the heavy rains that began on the 10th. Since that date the road has been passable, but is in the worst condition since last February. Many washouts occurred during the storms and it will be some time before the small CCC maintenance crew will have the road in good condition again.

The road down Salt Valley to Devil's Garden and Delicate Arch sections is passable for truck or pickup travel only. Overgrazing in the Salt Valley area during the past winter has left the area with little ground cover to prevent a rapid run-off of water, and the heavy rains have washed the road beyond practicable repair.

#2 Monthly Report - Arches

Visitors

Travel to the monument reached a new, all-time high, with a visitor count of 609 people. This new influx of travel kept me busy much of the time guiding visitors through the Windows and Courthouse Towers sections. 109 parties with 467 people were contacted at the Windows Section and guided through the area, and 11 parties with 53 people were guided through the Courthouse Towers Section.

A check on the origin of travel shows that the great increase in travel from middle-western and eastern states. California heads the list, with Michigan, Iowa, Missouri, Kansas, Massachusetts, New York, Illinois, Texas and Pennsylvania following in order - those 10 states being credited with the greater majority of the travel; however, 37 states, Pango Pango, the Phillipines, Canada and the Netherlands were represented.

Hours spent in interpretative contact: Custodian Schmidt, 132.
Park Service visitors included Thomas Vint, Washington, D. C.; Harvey Cornell, Jerome C. Miller and Raymond Higgins, Santa Fe, New Mexico; Horace Miller, Fruita, Colorado; Chuck Richey, Luis, Aggie and Celeste Castellum, Coolidge, Arizona.

Newsworth Visitors included John V. Hansen and wife, who visited the monument for 2 days. Mr. Hansen continued work on a color movie of Arches and covered both the Windows and Courthouse Towers sections. On the last evening of their visit in Moab, Mr. Hansen gave a showing of his film of Monument Valley and the Grand Canyon to a group of friends at the custodian's residence in Moab. Mr. Hansen's work is the finest I have ever seen and I am certain that his film of Arches will compare with what he has made of other areas.

Dr. F. A. Casteel, Washington, D. C., and Dr. J. P. Schumacher

#3 Monthly Report - Arches

and son, Paul, of Houston, Texas visited both the Windows and Courthouse Towers sections. Dr. Schumacher, a petroleum geologist, has traveled in all sections of the world and his comments on Arches were very gratifying. Both men signified their intentions of returning next year to make a pack trip through the Devil's Garden.

Harwil Bryant, Washington, D. C., his sister Barbara and brother Wayne, of Grand Canyon National Park, visited the Windows Section.

There were many other interesting and newsworthy visitors during August but limited space will not permit a complete listing. A party of 43 members of the Sierra Club of California visited the Windows Section and hiked through this section. Several of the members stayed an extra day and made the hike through the Courthouse Towers.

Note:

Hugh, the travel this month is not bad for a fledgling monument, eh? Much of my time was spent on visitor contact which I enjoyed very much even though it forced me to spend many evenings on clerical and other work which would have been neglected otherwise. Since the increase appears to be steady, I do hope the justification for a temporary ranger was convincing enough to assure us of some help next summer.

Progress on Projects

Visitor contact consumed a greater part of my time for the month, which was time well spent, I hope.

I have been able to assist the road maintenance crew between visitors and have lined out work to repair our badly damaged road.

The Ranger Station at Willow Springs was repainted and one sign set near the station, directing visitors to the spring.

Reports and correspondence is almost current -- a little more effort the next two evenings will whip this little problem into shape.

#4 Monthly Report - Arches

Project Program for the Ensuing Month

Patrols to all sections of the monument.

Maintenance of the Windows section road. As much time as possible will be spent with the CCC maintenance crew in an effort to put our road back in good condition.

Cleanup of the area adjacent to the Ranger station at Willow Springs.

Guide and contact work. This will probably slow down after Labor Day, but as much time as necessary will be spent with visitors.

Inspections

Thomas C. Vint, Chief of Planning, Washington, D. C., and party consisting of C. A. Richey, Jerome C. Miller, Harvey Cornell and Horace Miller, spent one day at Arches inspecting CCC projects and checking future work to be started under this program.

Respectfully submitted,

Henry G. Schmidt,
Custodian

207-023

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ARCHES----- NATIONAL MONUMENT

Moab, Utah

September 23, 1941

MONTHLY REPORT - SEPTEMBER, 1941

ARCHES

By Henry G. Schmidt, custodian
Moab, Utah

Travel this month, 296

Travel for the year, 3786.

Weather

September, ushered in by high, hot winds, was unpredictable from one day to the next. The weather has been cool for this time of the year and high winds were prevalent a majority of the days. Five rain storms brought the season's total in Moab Valley to 17 inches -- 9 inches above the average rainfall for this section.

Roads

The rains came, the winds stayed with us and much of the road is now somewhere between Arches and Boulder Dam. I don't like to "cry" about the road to the Windows, but now and then, after filling the same washout 3 times in 6 days, I sort of "holler" at myself, often producing a fair-sized echo that re-echoes until it dwindles down to a sigh. The CCC maintenance project has been inactive because of lack of man-power. Much of my time has been spent during the month on road maintenance and in spite of the elements the road has been kept open all month.

The road down Salt Valley is now hidden by a thick growth of Russian Thistle and so much of it washed out that travel is difficult

even in a pickup.

Visitors

Two hundred ninety-six people visited the Arches during September, bringing to a close the travel year of 1941 with a total visitor count of 3786 people. This is an increase of 50% or 1286 visitors over the total count for 1939-40. This count represents the number of visitors who signed the register at the end of the road in the Windows Section and those whom I have guided to other sections of the monument. There have been many others, I know, who did not register and were not contacted but those visitors whom we did not have a definite of were not added to the count.

Forty-one parties with 246 visitors were guided through the Windows Section and 11 parties with 40 people were contacted at the Willow Springs Ranger Station.

California again heads the list in number of visitors, with Utah, Colorado, Massachusetts and Michigan next in order named. The total travel was made up of visitors from 27 states, France, China and England.

Newsworthy Visitors

Mrs. Helgo Janza, her two children and companion, of London, England, spent one day in the Windows Section. Mrs. Janza is the wife of the Consul of the Czechoslovakian legation to Great Britain, and is in our country for the duration. They are very much interested in our National Parks and Monuments, and it was a pleasure to show them the wonders of the Arches National Monument.

#3

Frank E. O'Brien, Director of the Department of Publicity and Industrial Development for the State of Utah, made a brief return visit to Arches enroute to Mexican Hat. He plans to return the first week in October to make a kodachrome movie of the Windows, Devil's Garden, Delicate Arch and Courthouse Towers sections of the monument. The film will be used by the newly organized State Department of Publicity etc., to publicize Southeastern Utah.

Fifteen members of the Mineralogical Society of Utah stopped at Arches for one day while on a field trip to Southeastern Utah.

On August 30, forty-seven of the visitors to the monument stayed in Moab overnight to attend an illustrated lecture on National Monuments of New Mexico. They were impressed with our monuments shown in this film and many of them stated they would plan to visit the New Mexico monuments soon.

On September 4th the National Monuments of New Mexico reel was shown to 76 enrollees at Arches CCC Camp. These men are from the Southern states and expressed themselves as having enjoyed the movie very much.

Progress on Projects

Visitor contact was carried on throughout the month.

Road maintenance on the Windows Section road demanded a great part of my time during the month. Temporary loss of the CCC crew, plus the recurrent damage by several rains and wind storms made this work imperative.

Reports and correspondence were brought up to date.

Patrols were made in all sections of the monument except to the

#4

Delicate Arch.

Cleanup of the area surrounding Willow Springs Ranger Station was continued.

Project Program for the Ensuing Month

Patrols to all sections of the monument will be made as often as practicable.

Continuance of maintenance of the Windows Section road.

Completion of cleanup of Willow Springs area.

Routine office and guide and contact work.

A trip to all sections of the monument with Regional Biologist McDougall is in the offing. Information gathered by Mr. McDougall will be incorporated in the Arches Museum prospectus.

Respectfully submitted,

Henry G. Schmidt,
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ARCHES..... NATIONAL MONUMENT

..... Moab, Utah

..... October 22, 1941

MONTHLY REPORT - OCTOBER, 1941

ARCHES

By Henry G. Schmidt, Custodian
Moab, Utah

Travel this month, 234 Travel to date, 234.

Weather

Local weather records show this October to have been the wettest in more than 40 years. Precipitation since October 1st is 3.73 inches. This is compared to 2.18 inches in 1940 and 1.38 inches as an average. The hardest storms occurred on October 3, 4, 6, 12, 13, 14, 20 and 21st. Temperatures have been below normal.

Roads

The road to the Windows, or rather what was left of it after the September storms, is something to make the Angels weep. Repeated heavy rain storms washed out all the old wash crossings and several new washes have developed. All sections of the road having steep grades were washed badly, leaving ruts from 1 to 4 feet deep. My 2-man CCC maintenance crew and I have been able to keep the road open for travel with the exception of 5 days, October 13 to 17 inclusive. Constant patrol of the road is necessary to make sure those brave travelers who attempted the drive to the Windows were able to reach the highway again. Sixteen cars were towed or dug out of washes and ruts in 3 days -- this

#2

may be some kind of a record, but not one to be proud of I am sure. Visitors' remarks about this road are monotonously the same; I quote, "A disgrace to the Park Service" or "A shame that such a fine area is kept so inaccessible", and many other remarks that are better not mentioned. We are doing our best to keep this road passable, but it is a heartless job. I look forward to the day when visitors can make this trip over a good highway, in comfort, and will then confine their remarks to the grandeur of the Arches instead of the impassibility of the road.

Once there was a road down Salt Valley.

This road topic reminds me of a bit from Omar Khayam but, perhaps, it has no place in this report.

Visitors

The travel year of 1942 started off with an increase of 66 visitors over 1941 for corresponding periods. Two hundred thirty-four people, the greater majority of them from out of state, bumped, slobbered, cussed and skidded their way from Hiway 160 to view Nature's most spectacular spectacle - The Arches. Almost the same number took one look at the road and decided they preferred to drive their car another year or two without wilfully abusing it, and went away disappointed. Forty-one parties, numbering 169 people, were guided through the Windows Section; 2 horseback parties made the trip through Courthouse Towers and to Delicate Arch; and parties numbering 44 people were contacted at Willow Springs and urged to risk a little more of it and drive on to the Windows.

Regional Biologist McDougall was our only Park Service visitor during the month. Everyone else must have heard about our mud and water in advance.

Newsworthy Visitors

Miss Katherine Harvey, of Kansas City, Missouri, Mrs. Russell Perkins,

#3

of Santa Barbara, California, and E. H. "Curley" Ennis, of Grand Canyon National Park, spent 5 days in this section of the Utah seeing the scenic wonders we have here. I spent as much time as possible with them and enjoyed every minute spent with them and in showing them the area. Points of interest which they visited include the Windows, Delicate Arch and Courthouse Towers section of the monument, Dead Horse Point, The Neck and Gray's Pasture in the Escalante region, and a drive to the La Sal mountains, to Castleton and Fisher Towers, returning to Moab via the River Road. Miss Harvey, who is the principal owner of the Fred Harvey Company, was much impressed with this country and is planning to return next year for a pack trip through the Devil's Garden and into Sinbad Valley and Fisher Towers.

Project Progress for the Month

Continued road maintenance demanded a great deal of my time. I have had the help of a 2-man CCC maintenance crew for several days and we are doing our best to keep the road to the Windows open to travel.

Reports, filing and correspondence have been kept current.

Visitor contact was carried on throughout the month.

Patrols were made to all sections of the monument except the Fiery Furnace.

Regional Biologist McDougall spent 3 days in the monument on a botanical reconnaissance. I accompanied him through the Windows and Devil's Garden sections and a portion of Courthouse Towers. He was called home by the death of his mother before his survey was completed and expressed a hope that he could return next year for a more complete survey of the Arches.

#4

Project Program for the Ensuing Month

Since I expect to be on annual leave from November 7th to December 7th, inclusive, no project program has been planned for the month. The above dates are tentative and the commencement of my annual leave will, of course, depend upon Russ Mahan's arrival. His project program, I suspect, will be trying to keep the Windows section road from floating to the Colorado River.

Respectfully submitted,

Henry G. Schmidt,
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ARCHES-----NATIONAL MONUMENT

-----Moab, Utah-----

-----October 22, 1941-----

MONTHLY REPORT - OCTOBER, 1941

ARCHES

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#4

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Respectfully submitted,

Henry G. Schmidt,
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

-----Arches----- NATIONAL MONUMENT

-----Moab, Utah-----

-----November 23,-----, 1941

MONTHLY REPORT-----NOVEMBER, 1941

ARCHES

Travel this month, 154. Travel to date, 388

General

The rolling home of the Mahan's pulled out of El Morro at noon on the 27th of October, during a rainstorm, and arrived at Moab, Utah on the 29th, after a side trip to Aztec on official business. Spotted the trailer at Hank's home at Moab and enjoyed a venison dinner, the first of the season, which was tastily prepared by Hank's boss, Marquerite. The 30th was spent in going over monument business, which included a trip to the Windows, with Hank. They left for California about 9 a. m. on the first of November, and I took over. I received a letter from Hank on the 16th with the following comment; "Snow from Salt Lake City to Petaluma, one calf hit, one windshield broken, no casualties". We hope that he has no more accidents and has a pleasant vacation.

Weather

Warm and sunny days were the rule until November 17th, when heavy rain fell and weather turned cold. One inch of snow fell on the night of the 18th and rain fell on the 12th and 17th.

Roads

A CCC crew, of from 3 to 12 men, worked until the 7th of November installing culverts in bad spots between the highway and the Windows Section. Eight culverts were installed and dry rubble wing walls were constructed. Not much else accomplished in regard to road maintenance, due to the fact that enrollment at camp is so low that no men are available. The road was in fair condition until the 17th, when heavy rain washed out one of the recently installed culverts between Courthouse Wash and Willow Spring. Closed road and repaired same with CCC crew on the 18th. Miscellaneous minor repairs were made each day during patrol.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

-----ARCHES----- NATIONAL MONUMENT

-----Moab, Utah.-----

-----December 22, 1941.-----

MONTHLY REPORT ----- DECEMBER, 1941

ARCHES

By Henry G Schmidt, Custodian
Moab, Utah.

Travel this month, 174. Travel to Date, 562.

General

I returned to duty December 1, after a months vacation in California. Relief Ranger Russ Mahan on his work, during his short period of Duty at Arches, particularly on the fine manner in which he handled the very ticklish grazing problems that are ever present in the autumn months.

While in California I made illustrated lectures to 6 groups of people, with a total attendance of 327 people. Kodachrome slides of various Southwestern National Monuments, and Western National Parks were used. Response and comments by the groups before whom the talks were given was very encouraging.

I leave, once more for California, to spend the holidays with "home folks", and to return Rita and Margot from the "blackout zone".

Weather

Generally speaking, winter has not yet come to Arches. Most of the days have been warm and sunny, with just an occasional short spell of cold days and nights. As I write this report, rain is falling over most of this section of the state, and if it continues, the temperature is

Page 2.

certain to drop below freezing, and Moab and the surrounding country may have a "white" Christmas.

Roads

The road into the Windows section is in fair shape, and has been open the entire month. Lack of a maintenance crew is holding up completion of the fill over two of the culverts, and has delayed the shaling of the very rough section near the end of the road. With increased enrollment in our CCC camp, anticipated, it is probable this work will be done as soon as a maintenance crew is turned over to me.

The road , through Salt Valley, to the Devil's Garden and Delicate Arch sections is dangerous and barely passable.

Visitors

One hundred and seventy-four visitors, most of them from Colorado and California, registered at the Windows section. Nine parties with 38 people were guided through the Windows, and 6 parties with 26 people were contacted at Willow Springs Ranger Station. Travel for the year, to date, is 8% below the corresponding period of 1940.

Hours spent on Interpretative contact:
Custodian Schmidt, 40 hours,
Ranger Mahan, 4 $\frac{1}{2}$ hours.

Park Service visitors included, Field Supervisor Taubert, Associate Regional Architect, Norgard, Associate Engineer Miller, all of Region III , and Superintendent McLaughlin of Mesa Verde National Park.

Grazing

The two herds of sheep, owned by Young Brothers and Jim Sommerville have been grazing on allotments just west of the monument. Both of these bands will be transferred to allotments south of the Colorado river, the drives commencing tomorrow. Gus Morris is grazing a small band on the 16 sections between the southeast boundary and the Colorado River. He will leave this range for his ranch south of Moab within the next 3 days. This will relieve our grazing problem, until the Colorado herders start their homeward drive some time in February.

Project Progress for the Month

Maintenance of the Windows section road carried on as necessary.

Patrols were made of the Windows, Courthouse and west side of the Devil's Garden sections.

Visitor contact carried on during the entire month.

Special patrol of the west boundary to enforce grazing regulations.

Project Program for the Ensuing Month

Continued maintenance of Windows road.

Completion of set of shelves for the Willow Springs Ranger Station.

Particular attention to enforcing the grazing regulations.

Completion of draft for two-fold leaflet.

Respectfully submitted

Henry G Schmidt,
Custodian.