

Arches

Moab, Utah

January 25,

47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of January, 1947:

GENERAL: The custodian was absent on annual leave at Salt Lake City, Utah from December 27th to January 1st, inc.

WEATHER: Snow fell on December 27th and the temperature dropped to 1 degree above zero. The balance of the month saw the nightly temperatures range between 1 and 10 degrees above zero with very cold days.

TRAVEL: Travel was very slow this month due to extreme weather conditions with only 13 cars and 27 people visiting the area. All travel was from Utah and Colorado.

INTERPRETIVE SERVICES: No contacts were made in the Windows Section and only two people were contacted at headquarters. During a period of annual leave at Salt Lake City three illustrated lectures were given on Scenic Areas of Southeastern Utah.

ROADS: Very little maintenance was accomplished on the Windows road during the latter part of December due to the snowstorm of December 27th. The road is packing well but is developing rough spots. Not much can be done on improvement until our cold weather breaks.

SPECIAL ACTIVITIES: Two contacts were made with officials of the Utah State Department of Publicity and Industrial Development at Salt Lake City, Utah on December 28th and 30th. Estimates were furnished for improvement of present roads to points of interest in this section and also estimates on ultimate development of these areas. A series of color slides were shown to six members of this department.

EMPLOYMENT: Billy Walker, Laborer-Leadman on road maintenance was terminated on December 28th due to weather conditions.

MAINTENANCE AND CONSTRUCTION: Estimates were received from local concerns for construction of two latrines to be installed at the Windows parking area and for painting of headquarters area buildings.

An overhaul job had to be performed on our 5KW power unit during the month. It was necessary to take up the connecting rod bearings when it developed a decided crack.

RESEARCH AND OBSERVATION: D. Eldon Beck and party from Brigham Young University, whose contemplated survey of plant and animal life during October, 1946 was postponed due to inclement weather, now state that they would like to visit the area during April to accomplish their survey. Arrangements are going forward to this end.

PUBLICITY: The Utah Magazine is figuring on devoting two issues, April and May, to Utah Parks and Monuments. An article and pictures on Arches were submitted for possible use in this publication.

NATURAL BRIDGES NATIONAL MONUMENT: No inspections were made at this area as the approach is closed by snow on the Elk Ridge.

(in trip.)

Russell L. Mahan
Custodian

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PUBLICATIONS: The following is an inventory of free literature and publications on hand:

Glimpses of our National Parks	92
N. P. Location Map No. 5	5
do do	862
SNM Information Folders	36
Arches Mimeographed Leaflets	600
Natural Bridges do	500

Arches

Moab, Utah

February 27.

47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of February, 1947:

GENERAL: The advent of warmer weather during the latter part of the month caused an increase in travel. U. S. 160 is carrying much more traffic and if warm weather continues our visitors should show a substantial increase.

WEATHER: Rain fell on January 28th and February 17th with 2" of snow on January 30th and the same on February 9th and 10th. We had several days of heavy wind reminding us that our March weather is not far off. The latter part of the month warmed up considerably and there were several days when a coat was too warm.

TRAVEL: Travel was ahead of last month with a total of 16 cars and 60 people. This brings our travel for the year to 457 and for the fiscal year to 1432 people. Numerous requests for information were received and answered during the month.

INTERPRETIVE SERVICES: Three parties containing 8 people were contacted at headquarters during the month. No contacts were made in the Windows section. An illustrated talk on National Park Service Areas in the Southwest was given to a group of 90 children at the Grand County school on January 28th and covered one hour.

COOPERATING GOVERNMENTAL AGENCIES: Grand County has made a request to the Utah State Department of Publicity and Industrial Development for an appropriation of \$7,500.00 for improvement of roads within the boundaries of the monument. Grand County to furnish \$2,500.00 for a total of \$10,000.00 for expenditure on road improvement. Commissioner Taylor stated that he felt sure these funds would be appropriated. Commissioners Taylor and Patterson contacted Governor Maw regarding the condition of the 7½ miles of approach road, which is included in the state system, and were assured by him that considerable maintenance work would be performed on the road this spring.

SPECIAL ACTIVITIES: An inspection was made of the road within the boundary in the Windows section with Commissioners Taylor and Parrett, Mayor Baldwin of Moab and Harry Reed to check on possible improvements should money be made available by the Department of Publicity and Industrial Development. One or two changes between Balanced Rock and the parking area can be accomplished without too much expenditure, which will eliminate several curves, and improve this section of the road to a great extent. Commissioner Taylor wants to spend a portion of these funds for construction of a road from Balanced Rock to the Turnbow cabin on Salt Wash to make Delicate Arch more accessible.

ROADS: Grand County recently completed construction of 5 miles of 16 foot roadway from the Colorado River road to Fisher Towers making this spectacular area readily accessible to visitors. An inspection trip was made over this road on January 30th, while under construction, with the county commissioners.

MAINTENANCE AND CONSTRUCTION: Painted ceilings of two bedrooms, hall, living room and kitchen of quarters. Rented paint spray gun in Moab and gave fence at quarters one coat of white paint. The old office building, warehouse and service yard fence were given two coats of olive drab paint to blend with the surrounding sandstone. Have been unable to obtain white paint in 5 gallon cans to complete painting of fence at quarters and trim of quarters itself. Still hoping for delivery on this from the procurement division, which will enable us to complete painting in headquarters area.

John W. Sullivan of Moab was entered on duty as a carpenter on February 12th and at this date has practically completed construction of two pit latrines for installation at the Windows parking area. They have been stained on the outside but completion and installation will have to wait until white paint is obtained.

Two 500 gallon water tanks have been ordered ^{from} ~~for~~ the War Assets Administration at Salt Lake City, Utah for use in installing a water system at the Windows section parking area.

GRAZING: ^{permit} A new/was issued and signed by Emmett Elizondo for crossing monument lands in Cache Valley with his herd of sheep for access to water on his lands on Salt Wash.

Crossing permit for Henry Revoir for access to water at Fresh-water spring with his sheep was cancelled due to non-cooperation in regard to trespass on monument lands.

PUBLICATIONS: The following free publications are on hand:

Arches Mimeographed Leaflet	450
Natural Bridges Mimeographed Leaflet	475

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Glimpses of our National Parks	67
N. P. Location Map No. 5	5
do No. 6	850
SNM Foldess	27

NATURAL BRIDGES NATIONAL MONUMENT: No inspections were made at this area during the month due to impassable approach roads.

(in trip.)

Russell L. Mahan
Custodian

Arches

Moab, Utah

March 25,

67

SUMMARY OF MARCH, 1947 MONTHLY NARRATIVE REPORT FOR ARCHES NAT'L MON.

Official trip to Big Bend National Park for surplus equipment.

Page 1 (Par. 3)

Travel takes decided jump.

Page 1 (Par. 4)

Educational trips planned for benefit of local business people.

Page 1 (Par. 6)

State funds for road improvement seem assured.

Page 2 (Par. 1)

Plant and animal survey by Brigham Young University group.

Page 2 (Par. 7)

Army surplus acquisitions.

Page 2 (Par. 8)

*Don't need this
summary sheet*

Arches

Moab, Utah

March 26,

47

MEMORANDUM for the Regional Director, Region Three

The following is a narrative report for Arches National Monument for the month of March, 1947:

WEATHER: Rain fell on February 27th with both snow and rain in evidence on March 23rd. Heavy wind blew on three occasions during the month but the continuous March wind did not materialize this year. The days were exceptionally warm and the trees at headquarters have started to leaf out.

SPECIAL ACTIVITIES: The staterdian was absent from the monument from March 2nd to 11th on an official trip to Big Bend National Park to take delivery on army surplus equipment. Stops were also made at Carlsbad Caverns National Park and White Sands National Monument for surplus property for various areas.

TRAVEL: Travel took a decided jump this month with a total of 44 cars and 176 people visiting the area. This is a large increase over 60 people for February, 1947 and 90 people for March, 1946. Most of the travel was from Utah and Colorado but Washington, Idaho, North Dakota, California, Michigan, District of Columbia, Nebraska, Oregon and Wisconsin, were also represented.

INTERPRETIVE SERVICES: No trips were made with parties into the outlying sections and no contacts were made at the Windows. Forty four people were contacted at headquarters and 176 people visited the Windows section unattended. Numerous requests for information were received and answered during the month.

Numerous complaints were received from visitors last year concerning the lack of knowledge of Arches National Monument displayed by local business houses on requests for information. With the cooperation of Mr. L. L. Taylor, Editor of the Moab Times-Independent and Mayor Baldwin of Moab educational trips are to be taken to various points of interest, with parties made up of local business men and women, so that they will be prepared to furnish visitors with accurate information. The first trip is to be made to the Windows section on the afternoon of March 30th. If we can develop enough interest additional trips will be taken to the Devil's Garden and Delicate Arch and also Ditchhorse Point and Fisher Towers.

COOPERATING GOVERNMENTAL AGENCIES: I was recently advised by Grand County's senator and representative, who have recently returned from the 1947 legislative session, that the budget approved for the Department of Publicity and Industrial Development contained a \$10,000 item for road improvement in Arches National Monument. They were assured by the commissioners of this department that the money would be appropriated during the summer. Grand County Commissioner Taylor has written this department requesting an agreement to be completed in the near future so that work can be started before the heavy travel starts.

ROADS: The entrance road into the monument is in excellent condition and many compliments have been received regarding same. The State power grader has recently been repaired and it is hoped that with our first spring rains that we can get it graded and in shape for the summer travel. There are several stretches that will require a shale surface during the dry weather to eliminate heavy sand.

✓ MAINTENANCE AND CONSTRUCTION: Installation of the two pit latrines in the Windows section was completed on March 25th.

White paint was finally received and the painting of the outside trim at quarters and the fence is now complete. At this writing weather-stripping is being applied to all windows to try to eliminate the sifting sand. Renovation of the office is about 75% complete.

Our water project at the Windows has struck a snag. Two 500 gallon water tanks were supposedly shipped from Salt Lake City on February 28th but have not arrived yet and I have been unable to locate them. Hope to get delivery on them during the coming month and complete this much needed project.

The new 10 KW, AC power unit was installed during the month. On one occasion, during my absence at Big Bend National Park, it developed an oil leak and the oil pressure dropped below normal but the automatic features contained in the set-up cut off the plant before it was damaged. On March 21st it again ceased to function and I have not had a chance to check the trouble but believe it is a clogged gas line.

RESEARCH AND OBSERVATION: Dr. D. Elden Beck and party of Brigham Young University have signified their intention of carrying out the first stage of their survey of plant and animal life at Arches from April 24th to 27th inc. Application has been received from Dr. Beck for appointment as Collaborator for the Service.

ACQUISITIONS: Delivery was received on a $\frac{1}{2}$ ton Dodge 4 x 4 Army pickup at Big Bend National Park on March 6th for assignment to Natural Bridges National Monument. This truck was in good shape and the trip from Big Bend to Arches was made without trouble. Various smaller items of equipment were also received during the month.

PUBLICATIONS: The following free publications are on hand:

Archos Micrographed Leaflet	375
Natural Bridges do	460
Glimpses of our National Parks	79
N. P. Location Map No. 5	5
do No. 6	832
SWRM Folders	25

NATURAL BRIDGES NATIONAL MONUMENT: This area is still inaccessible due to heavy snow on the Elk Ridge. If the warm weather continues an inspection should be possible during the coming month.

(in trip.)

Russell L. Mahan

Russell L. Mahan
Custodian

Archos Narr. Rpt., March, 1947, Page 3.

Arches

Moab, Utah

April 27.,

47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of April, 1947:

GENERAL: Application has been made by the Colorado River Scenic Tours for a franchise to operate scheduled bus trips from Salt Lake City, Utah on a circle tour through Capitol Reef, Natural Bridges and Arches National Monuments. Hearing was held on April 15th at Salt Lake City but no decision was handed down due to exceptions presented by the Denver and Rio Grande Railroad and another company interested in concessions development in this section.

TRAVEL: Our travel for this month was beyond all expectations with 139 cars and 559 people visiting the area. One hundred and thirty two people signed the register at the Windows on Easter Sunday and at one time I counted 28 cars in the area. We had representation from 24 states and the District of Columbia.

INTERPRETIVE SERVICES: A total of 49 parties and 177 people were contacted at headquarters and 16 parties of 75 people were contacted in the Windows section of Easter. Two trips were taken into the area with 14 people and one illustrated talk was given to the 8 members of the Brigham Young University party. Eight requests for information were received and answered.

Our community educational trip to the Windows on March 30th received very poor response, only 14 people availing themselves of the opportunity. Trouble with the truck enroute to the area caused inconvenience but all who attended seemed to enjoy the trip. Mayer Baldwin of Moab assisted in making arrangements and furnished his car to transport a portion of the party. Since this trip I have had several requests for a repeat performance so we are going to try it again on April 27th.

STATUS OF PRIVATE LANDS: Word has been received from the State of Utah that a request has been filed for an exchange of school lands included in the monument and is now pending approval in Washington, D. C.

ROADS: On April 10th the State maintenance crew performed work on the approach road and road within the monument. The entire length of the road

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was graded and 10 loads of shale were hauled to sandy spots. This road is now in the best shape it has ever been but doubt whether it will stand such heavy traffic as was experienced on Easter Sunday.

WEATHER: Rain fell on April 8th and 9th and at this writing it is again threatening. Heavy winds have been the rule throughout the month in contrast to the excellent weather experienced during March. The cacti are starting to bloom as well as the paintbrush, phlox, penstemon, primrose and verbena.

MAINTENANCE AND CONSTRUCTION: Maintenance work on buildings at headquarters was suspended on March 28th so that available funds could be transferred to the headquarters equipment account to help carry the burden of cost of war surplus equipment acquisition and distribution.

The water pumping system was given a thorough overhaul during the month and it is hoped that it will carry us through the heavy summer use period with a minimum of trouble.

The 2 - 500 gallon water tanks for the Windows section water installation were finally received on April 18th. One tank has been prepared for underground installation and will be placed after May 1st, when the temporary ranger enters on duty. This will be a welcome addition for the convenience of visitors who enter the area during the hot summer months.

RANGER SERVICE: No luck yet on the filling of the permanent ranger position for Arches and Natural Bridges National Monuments. Will enter temporary ranger on duty at Arches May 1st.

SPECIAL ACTIVITIES: An investigation was made on April 12th of unauthorized excavation of dinosaur remains in the vicinity of Dalton Wells, 15 miles from Moab. It was found that Mr. Cele Gadsby, owner of a small private museum at Idaho Springs, Colorado, had hired local boys and was collecting some very good specimens on public domain. After learning that he did not have the necessary permit I advised him that he could not rightfully remove the collection until he had received permission from the Bureau of Land Management, who control the land. The specimens were unloaded and he returned to Moab to contact representatives of the Bureau. This deposit should have protection to prevent recurrence of this type of promiscuous collecting as it will eventually make an interesting exhibit.

RESEARCH AND OBSERVATION: A party of Brigham Young University professors and students, 8 in all, are making a three day survey of plant and animal life in the monument. They left headquarters on May 25th, with a string of 19 horses, for the base camp site at Freshwater Spring. They intend to return late on the evening of April 27th. Check lists will be made up and submitted to the Service at an early date.

(in trip.)

Russell L. Mahan
Custodian

Add to Arches April Narr. Rpt., Page 3

PUBLICATIONS: The following free publications are on hand:

Arches Mimeographed Leaflets	295
Natural Bridges do	430
Glimpses of Our National Parks	72
N. P. Location Map No. 5	4
do No. 6	815
SWRM Folders	21

(in dup.)

Russell L. Mahan
Custodian

Arches

Moab, Utah

May 27,

47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of May, 1947:

GENERAL: The Board of Directors of the Denver and Rio Grande Western Railroad are planning a trip through the scenic areas of Southeastern Utah, which will include Arches National Monument. The trip was originally planned for May 30th to June 1st but has been postponed until probably the middle of June. It is being sponsored by Mr. Charles Redd of LaSal, Utah, who will be assisted by the various civic organizations in the vicinity.

TRAVEL: Out travel for the month was more than double that for May, 1946 with a total of 117 cars and 307 people. This brings our travel year to date to 1589 visitors and the fiscal year to 2564. We had representatives from 24 states, as well as Italy, British Columbia and the Canal Zone.

INTERPRETIVE SERVICES: Thirty eight parties containing 90 people were contacted at headquarters, 25 parties of 78 people were contacted in the Windows section, four guided trips were taken with 17 people and consisted of trips to the Devil's Garden, Delicate Arch and Windows sections. Two of these trips were community educational trips for Moab business people, one to the Devil's Garden and one to the Windows. The response was small but those who attended enjoyed the trips and it will help considerably in getting accurate information for visitors in Moab. Three illustrated talks were given by Ranger Walker during the month, one to a group of Boy Scouts, and the other two to interested visitors. Fifteen persons were in attendance.

ROADS: The Utah highway department installed regulation junction and directional signs at the Windows road junction during the month. No extensive maintenance work was performed on the approach road, which is still in good condition.

MAINTENANCE AND CONSTRUCTION: Mileage and directional, at headquarters and the Windows road junction were repainted. Picnic tables were repainted and garbage cans installed at the picnic area and parking area in the Windows section.

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On May 15th, with the help of Ranger Redd of Natural Bridges, the 500 gallon water storage tank was put in place at the Windows parking area. During my absence at Mesa Verde, Ranger Walker made the distribution line installation and now that we have the stake truck back from Chaco Canyon, we should be able to complete the installation and haul water for same. We hope that our visitors will have water available there within the next week.

A spur telephone line was strung from the quarters to the office, by Ranger Walker, and we now have a phone there, thanks to the Midland Telephone Company who kindly loaned us an army field set until we can get proper equipment for a permanent installation.

RESEARCH AND OBSERVATION: The group of Brigham Young University professors and students making a plant and animal survey of the monument returned to headquarters on April 27th after what was stated by them, to be an enjoyable three days. Word recently received from Dr. D. Eldon Beck, a member of the party and collaborator with the Service, states that spiders and birds collected have all been identified and that the identification on mammal and insect collections is going forward rapidly. Plant collection has been sent to the National Museum for determination.

WEATHER: Rain fell on April 27th and May 9th, 10th, 14th and 15th. Heavy winds have blown intermittently all month and the thermometer registered close to 90 degrees on several occasions.

MISCELLANEOUS: Estimates were submitted for Arches and Natural Bridges National Monuments for the fiscal year of 1949.

RANGER SERVICE: Billy Walker of Moab, Utah entered on duty as temporary park ranger on May 1st at 8 a. m. Arches will now be a two man monument for the balance of the season.

NATIONAL PARK SERVICE VISITORS: Superintendent Rose of Mesa Verde National Park and Messrs Cornell, Bennett, Lassiter and Thomas of Regional Office visited the area on May 7th.

Howard Young and Phillip Kearney of Regional Office stopped by during my absence at Mesa Verde and then again on May 26th on their way back to Santa Fe.

Assistant Regional Director Davis and family stopped by on the 23rd of May, enroute to Washington on annual leave. I was at Mesa Verde at the time and was certainly sorry to have missed them.

Custodian Brent Finch of Colorado National Monument and his wife stopped on May 19th and 23rd and I missed them on both trips.

SPECIAL ACTIVITIES: A trip was made to Chaco Canyon National Monument on

Page 3, Arches May Harr. Rpt.

May 9th to pick up war surplus equipment assigned to Arches and Natural Bridges National Monuments. Heavy rain occurred on the night of May 9th and I slipped and slid into Chaco at 2 p. m. on the 10th. It took me 4 hours to drive the 25 miles from Blanche Trading Post to headquarters. Equipment was loaded and I left Chaco at 8 p. m. accompanied by Custodian McNeil and Ranger Guillett in the Chaco pickup. After covering 12 miles in 2 hours we gave up the ship and returned to headquarters in the pickup. It looked like it would be three or four days before we could move the truck so I returned to Arches in the Chaco pickup, thanks to "Scarhide" McNeil, on May 11th. Ranger Guillett drove the truck load of equipment to Mesa Verde for the fire training conference and we exchanged trucks there. I had heard many stories about the Chaco mud but had to experience same in order to appreciate their authenticity.

The custodian was absent from the monument from May 19th to 23rd inc. in attendance at the Fire Training Conference at Mesa Verde National Park. The meeting was a great success and I returned sadder but wiser, I hope, as I found that the participants have no use for a Sargeant-at-Arms or his assistant.

PUBLICATIONS: The following free publications are on hand:

Arches Mimeographed Leaflets	100
Natural Bridges Mimeographed Leaflets	75
Glimpses of our National Parks	48
N. P. Location Map No. 5	4
do No. 6	702
SWNM Folders	8

(in trip.)

Russell L. Mahan
Custodian

*Rec'd 1000 Arches
Supply Supply
9/11/42*

Arches

Moab, Utah

June 27,

47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of June, 1947:

GENERAL: Travel has been excellent during the past month and many of our visitors have stated that the April issue of "Arizona Highways" was responsible for their visit.

Utah Wonderland Tours (Colorado River Scenic Tours), who will run scenic trips on a circle tour from Salt Lake City, Utah to Capitol Reef, Natural Bridges and Arches National Monuments, started their first trip on Friday, June 20th with a Life photographer to record the scenic features and Miss Maurine Whipple, who wrote "Giant Joshua" to do an article on the trip. They made Capitol Reef OK but heavy rains held them at Fruita, Utah for two days. When they arrived at Hite, Utah to ferry across the Colorado River, the ferry was not in operation due to high water so they travelled via Hanksville and Greenriver to Moab and then on to Monument Valley and Natural Bridges. They intend to return on June 27th or 28th to take in Arches and the surrounding country.

WEATHER: Light rains fell on June 3rd, 10th and 11th with heavy rains on June 20th and 21st. For most of the month the weather was unusually cool and heavy winds occurred intermittently.

TRAVEL: Our travel for the month was 171 cars containing 516 people as against 337 visitors for May and 328 for June, 1946. We had representation from twenty seven states and the District of Columbia.

INTERPRETIVE SERVICES: Eighteen parties consisting of 58 people were contacted in the Windows section and 48 parties of 149 people were contacted at headquarters. Two guided trips were taken into the Windows section with 3 people. Several parties made the hike into the Courthouse Towers section and were very enthusiastic over the scenery found in that area.

RANGER SERVICE: Ranger Walker made a trip to Natural Bridges on June 10th and 11th to make installation of a power unit at that area and to take a service man for the overhaul of the kerosene refrigerator at that area, which has not been functioning properly.

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COOPERATING GOVERNMENTAL AGENCIES: Mr. Aaron W. Tracys chairman of the Utah State Department of Publicity and Industrial Development, visited the monument on May 28th. In a conference with Grand County Commissioner Taylor he stated that his department would probably make available to Grand County the sum of \$15,000 for improvement of roads in Arches National Monument. We are keeping our fingers crossed and hope that this appropriation materializes for we can certainly make some much needed improvement with this amount of money.

MAINTENANCE AND CONSTRUCTION: Installation of the water system at the Windows parking area was completed on May 29th and water is now available for visitors. We have had several complaints by visitors who certainly appreciate finding a drink of water after making the hike to the features in the area during the hot weather. The water up to this time has been quite cool due to the fact that the entire installation is underground.

The 1 1/2 KW power unit received from surplus was uncrated, serviced and prepared for installation at Natural Bridges.

NATIONAL PARK SERVICE VISITORS: Howard Young stopped by for a short visit on June 1st on his way back to Santa Fe from Ogden, Utah.

ROADS: The State highway maintenance crew graded the Windows road on June 4th and 5th and it was in good condition until our heavy storms of June 20th and 21st. It was posted "Closed" from June 21st to 23rd due to quicksand in Courthouse Wash. Ranger Walker and I spent most of Sunday, June 22nd on repairing same, putting it in passable condition. The State's motor grader is in use on the Colorado River road but hope it will be available for this repair job in the next few days.

Grand County started improvement of the Salt Valley road yesterday and it should be in good shape for use by visitors in visiting the Devil's Garden and Delicate Arch sections.

SPECIAL ACTIVITIES: From June 13th to June 17th inc. the custodian was on duty at the National Park Service exhibit at the Utah State Centennial Exposition at Salt Lake City, Utah.

As chairman of the publicity committee for the Grand County Centennial commission, I was in charge of the installation of a scenic exhibit at the exposition at Salt Lake City. This job was completed on June 10th. The display consists of 13 enlarged pictures of the scenic features of Grand County with Arches, Deadhorse Point, Fisher Towers, LaSal Mountains and Moab Valley being represented, and a relief map with the various sections designated by numbers with corresponding numbers on the pictures. An excellent collection of high grade uranium ore is also included in the exhibit.

(in trip.)

Russell L. Mahan

(To be added to Arches Narr. Rpt., June 1947, Page 3.)

PUBLICATIONS: The following free publications are on hand:

Arches National Monument Mimeographed Leaflets	1300
Natural Bridges do	540
Glimpses of our National Parks	120
N. P. Location Map No. 5	-5
N. P. Location Map No. 6	667
SUM Totals	8

(in trip.)

Russell L. Mahan
Custodian

Arches

Moab, Utah

July 29,

47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of July, 1947:

GENERAL: Travel has been excellent during the month despite rough roads and with the recent publicity received in National Geographic, I believe we can look forward to increased travel for the balance of the year.

The custodian was absent on annual leave from July 22nd to 27th at Salt Lake City, Utah. While there improvements were made on the Grand County Centennial exhibit and contact was made with Commissioner Howells of the State Department of Publicity and Industrial Development regarding funds for improvement of Arches roads. The Service exhibit was visited and it was noted that the pictures on exhibit had been tinted, making a great improvement in the display.

WEATHER: The temperature has been extremely high most of the month with little relief from rains. During the latter part of the month the official reading at Moab showed a maximum of 103 degrees during the day. Very light showers occurred on one or two occasions.

SPECIAL ACTIVITIES: An inspection was made at Natural Bridges National Monument on July 12th and 13th. The area was found to be in good shape and travel on the increase. The trails are in fair shape but will need some work next month.

TRAVEL: Travel for the month practically doubled that of July 1946 with 193 cars and 611 people as compared with 107 cars and 323 people last year. This brings our travel year to date to 2710 people. If travel continues at the present rate the 1947 travel year should surpass 1941, Arches biggest year, when 3736 people visited the area. This month's travel showed 32 states, District of Columbia and Canada represented.

The Utah Wonderland Tours party returned to Arches on June 28th and were accompanied into the Windows section where several shots were taken by the life photographer. Dr. Williams of Moab accompanied the party and was made the

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subject of several shots.

INTERPRETIVE SERVICES: Visitor contact has increased steadily during this travel year with many visitors stopping at headquarters for information regarding the outlying sections of the area. Sixty eight parties containing 194 people were contacted at headquarters, 44 parties of 170 people were contacted in the Windows section and 441 people visited the Windows section unattended. Three caravans of 16 people were accompanied to outlying sections and 9 parties of 53 people were taken on guided trips into the Windows and Devil's Garden sections.

ROADS: The Windows road was in poor condition practically all month. The storms of June 20th and 21st washed it badly and it was July 22nd and 23rd before the State maintenance crew could grade and repair same due to the fact that they are kept busy on repairs to the highways, which seem to be deteriorating rapidly. At this writing the road is passable but soft in spots due to lack of moisture.

Grand County maintenance crews spent two days on the Salt Valley road with their equipment and it is in good condition as far as the Devil's Garden. No trips have been made to Delicate Arch as I have been afraid that the old pickup would not stand such a strenuous trip.

MAINTENANCE: A desert cooler was constructed using a 34" fan recently received from War Surplus. This was installed at quarters but does not work as efficiently as the two smaller coolers used during previous years. More experimenting will be necessary. A small cooler was constructed and installed at the office.

Windows were placed in the pump and light plant room for better circulation of air during hot weather.

Drinking fountains were installed at the Windows parking area and at the office.

The 3 KW power unit received from War Surplus was temporarily installed at quarters and is functioning OK.

H. P. S. VISITORS: Mr. Davis, Mr. King and Dr. Mora of Santa Fe visited the area on June 28th and 29th. They were accompanied on a trip to the Windows section and Deadhorse Point. They left on June 30th for Great Sand Dunes.

NEWSPORTHY VISITORS: A group of students and professors from Weber College, Ogden, Utah visited the area on July 4th. The party was in charge of Walter E. Buss, who I believe used to be a Ranger-Naturalist at Zion and Bryce Canyon.

PUBLICITY: The June issue of Utah Magazine contained an excellent write-up and pictures on Archos. This is the result of the expedition made into the area by

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Dr. D. Eldon Beck and other professors from the Brigham Young University of Provo, Utah during April.

The August issue of National Geographic contained Jack Breed's pictures and article on Arches. Requests have already been received from people who have seen the article and pictures for information on the area. This is excellent publicity and should boost our travel considerably.

Representatives of Graphic Pictures of Los Angeles, California visited the area on July 11th and shot colored movies and 4 x 5 black and white of features in the Windows section.

Dr. Gilbert Lueninghouser of Midland College, Fremont, Nebraska, with party of 3 people, visited the area on July 17th and 18th taking educational movies of the monument. They were shown the Windows and Devil's Garden sections.

PUBLICATIONS: The following free publications are on hand:

Arches Mimeographed Leaflets	900
Natural Bridges do	400
Glimpses of our N. P.	95
N. P. Location Map No. 5	- 3
do No. 6	611
SWMI Folders	4

(in trip)

Russell L. Mahan

Russell L. Mahan
Custodian

Arches

Moab, Utah

August 26,

47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of August, 1947:

GENERAL: Travel showed a decided increase during the month, with most of the visitors stating that the article and pictures in the National Geographic was the reason for their visit. Our contacts jumped from 10 or 15 people a day to 50 and 75 people a day. Each night several parties have used the headquarters area to pitch their camps.

The custodian was on annual leave for $2\frac{1}{2}$ days during the month.

WEATHER: Storms occurred intermittently during the month and kept the weather unusually cool for an August in the Moab vicinity. On August 21st a cloudburst struck Moab and the surrounding country, when, according to the official gauge in Moab, .98 inches of rain fell in 40 minutes. From the amount of water which flowed through the headquarters area of the monument I would guess that $1\frac{1}{2}$ inches fell at ARCHVILLE.

SPECIAL ACTIVITIES: Two trips were made to Blanding during the month. One trip to employ a laborer for trail work at Natural Bridges on August 1st and another one on August 8th to deliver a new tire for the Natural Bridges pickup.

Ranger Walker made an official trip to Walnut Canyon and Casa Grande National Monuments from August 7th to 11th to pick up surplus equipment assigned to Arches and Natural Bridges. He also picked up equipment assigned to El Morro, Canyon De Chelly, Chaco Canyon and Aztec Ruins and delivered same at Gallup and Aztec Ruins for the various areas.

COOPERATING GOVERNMENTAL AGENCIES: On August 19th Grand County Commissioner Taylor advised me that notification had been received from Commissioner Tracy of the Utah State Department of Publicity and Industrial Development that funds had been made available for the Arches road improvement. On August 21st Landscape Architects Carter and Allen arrived to look over the proposed work. The contemplated changes and new construction were gone over on August 22nd, 23rd and 24th. Grand County has not, as yet, rec-

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cived the contract to be entered into with the department, but Mr. Taylor stated that funds in the amount of \$10,000 were assured with more available, possibly to \$25,000, if needed to complete the contemplated work. He also stated that work would probably start, with Grand County equipment and personnel, around September 15th, if Service approval is granted.

TRAVEL: Travel for the month hit a new high for Arches with a total of 507 visitors to the area in 239 cars. This figure is practically four times that for the same month last year and approximately 300 more visitors than we had during July, 1947. This brings our total for the travel year to 3623 people. Our travel represented 36 states, District of Columbia, England and Venezuela. The out of state travel exceeded the local travel by about 75%.

The Utah Wonderland Stages visited the area on two occasions with a total of 7 passengers and a group of boy's from Ansel Hall's camp were in on July 26th.

INTERPRETIVE CONTACTS: Again this month our visitor contacts showed a large increase. A total of 161 cars containing 461 people were contacted at headquarters and 87 parties of 267 people were contacted in the Windows section. Four caravan trips were taken with a total of 40 people and 7 guided hikes were taken into the Devil's Garden, Delicate Arch and Windows sections with a total of 49 people. For the last two weeks of the month an average of 3 parties a day have taken the hike into the Courthouse Towers section unattended. Nineteen requests for information were received and answered.

NATIONAL PARK SERVICE VISITORS: Regional Director Tillotson and wife visited the area on August 9th. Mr. Tillotson spent about two hours looking over the headquarters area and discussing various problems.

Landscape Architects Carter and Aileman arrived on August 21st for the purpose of looking over proposed road improvements. They left August 25th for Santa Fe. While here we let them get the feel of a pick and shovel on road repairs in the Windows section in order to bring out three cars of visitors stranded in that section after our cloudburst of August 21st.

PUBLICITY: Mr. Ladd Goodman of Portland, Oregon, photographer for "Viewmaster", who put out three dimensional color slides and hand viewers, visited the area from August 18th to 20th. He took shots in Courthouse Towers, The Windows, Devil's Garden and Delicate Arch and stated that this series would probably be out in about 90 days.

Mr. Hubert A. Leman of South Gate, California, whose black and white pictures of Arches have been used by various publications, was in the area the latter part of the month making a color series.

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Mr. Frank Wise of Salt Lake City, formerly photographer for the L. D. S. Church, now connected with the Deseret Book Co., spent several days covering the area for pictures to be used for publicity purposes.

ROADS: Storms during most of the month made necessary continuous maintenance on the Windows road but our storm of August 21st practically obliterated several portions of this road between Courthouse Wash and Willow Flat. The storm struck at 5:15 p. m. and lasted approximately 40 minutes. During that time the retaining wall behind the quarters was washed out and 3 or 9 inches of water flowed around the residence. The road from the office to the quarters was impassable and a sheet of water flowed across the whole area. Ranger Walker left the Windows parking area at 4:30 p. m. and advised the five cars of visitors still there to leave the area immediately if it started to rain. One car got out at about 5:25 p. m. and advised us that the other four cars were evidently stranded. We serviced the stake truck and started out at 7:30 p. m. to investigate but were unable to negotiate Courthouse Wash, which was running about three foot of water. Returned to headquarters until 10:30 p. m. and tried again and were able to cross the wash which at that time had only about one foot of water. We found one car about 1/2 mile from Courthouse wash. They were campers and were all OK and asleep. Continued on to a wash about one mile beyond Willow Spring where a 36" culvert had been washed out and was impassable. We walked 1 1/2 miles to Willow Flat and found the other three cars high but not dry. Two of the parties had food and blankets, which they shared with the people in the other car. Everyone was having a good time and did not want to return with us. We returned to headquarters at 3 a. m. The next morning we routed our Landscape Architects Carter and Allaman, who had arrived at 10:30 p. m. the night of the 21st, and with Ranger Walker and myself we repaired the road to the stranded cars and had them out of the area by 2 p. m. The road was still badly washed and practically impassable but still the visitors came, disregarding the road closed sign at the junction. On the 23rd the State sent a dump truck and two men who made a dip at the site of the washed out culvert and repaired several washouts on the roadway. This day 8 cars made the trip to the Windows. At this writing the State has a power grader working on the road and it should be in fair condition again by the 28th. This storm also put about 8" of sand in the pump and power plant room and water ran on through the balance of the warehouse.

A trip was made over the Salt Valley road on August 24th and it was found impossible to travel on the short route via Valley City due to washouts. The trip was made through Thompsons and all portions of the road were found to be badly washed. The sand down the Salt Gorge to the Turnbow cabin was in excellent shape from this storm and no trouble was experienced on this portion of the road. Hope to be able to get the County to repair this road within the next couple of weeks.

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PUBLICATIONS: The following free publications are on hand:

Arches Mimeographed Leaflets	500
Natural Bridges do	225
Glimpses of our National Parks	65
N. P. Location Map. No. 5	2
N. P. Location Map. No. 6	503
SWMI Folders	6

(in trip.)

Russell L. Mahan

Russell L. Mahan
Custodian

Arches

Moab, Utah

September 26,

47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of September, 1947:

GENERAL: Again this month we have had exceptional travel and all of our visitors ask these questions: "Why haven't we heard about this country before" and "Why hasn't this area had more publicity". From the requests for information and the reactions of our visitors it looks like Arches is on the way to becoming an important scenic area.

WEATHER: Rain fell on September 9th and 10th. Heavy wind was experienced on September 17th with strong winds on several other occasions. The temperature generally has been much warmer this month than in August, and at this writing we are having our regular August weather, very warm.

SPECIAL ACTIVITIES: A trip was made to Blanding on September 12th to deliver two tires to Ranger Rodd for the Natural Bridges pickup.

I attended a meeting of the Associated Civics Clubs of Southern and Eastern Utah which was held in Moab on September 27th. The attendance was very small. Matters discussed were: Colorado River basin problems as they effect southeastern Utah; vital road problems for this section; and contemplated airport projects. A banquet was held during the evening with a total of 60 people in attendance.

TRAVEL: Travel again shows a marked increase over the preceding month and was approximately three times that for the same month last year. We had a total of 335 cars and 1079 people as compared with 907 people for August and 397 people for September, 1946. We had representation from 34 states, Canada, China, Alaska and Peru. As was the case last month, the out-of-state visitors predominated.

INTERPRETIVE SERVICES: The interpretational and informational angle at the monument is getting to be big business. A good percentage of our visitors stop at headquarters for information of the area and for the month of September, at this point, we had 141 parties consisting of 646 people. At the Windows we contacted 84 parties containing 284 people. Most of this con-

Page 2, Arches ^Narr. Rpt., Sept., 1947

work was carried on by the custodian and EOWB due to the fact that Ranger Walker resigned on September 3rd. Four guided trips were taken during the month with a total of 19 interested visitors and two caravans were taken to outlying sections with 10 people. Several parties made the hike to Delicate Arch from Balanced Rock, a distance of 6 miles, due to the condition of the Salt Valley approach road. The Courthouse Square section has been very popular with hardly a day passing that two or three parties do not make this hike.

COORDINATING GOVERNMENTAL AGENCIES: The contract between Grand County and the Utah State Department of Publicity and Industrial Development for Arches roads, has been approved by the Grand County Commissioners and is now in the hands of the Utah State Finance Commission for final approval. No Service approval has been received as yet. District Engineer Miles of the Utah State Road Commission will do an inspection of the contemplated work and checked on possible improvement of US 8 from the highway to the monument boundary. He later advised me that he had, in his report, suggested the expenditure of \$7000.00 by the Highway Department for the betterment of this portion of the road.

RANGER SERVICE: Temporary Ranger Billy Walker resigned effective September 3rd at 5 p. m.

ROADS: The State maintenance crew finished emergency repairs to the Windows Road on August 27th. The road was put in passable but was very soft in spots. The headquarters roads were also graded by them at this time. This crew spent an additional two days hauling shale to the worst spots and laborer Winbourn worked 7 days hauling shale on the portion of road in the monument. At this writing they again have the patrol grading the road but will not be able to accomplish much due to lack of moisture.

The approach road to Devil's Garden and Delicate Arch is in very poor shape, due to the August storms, but is passable and has been used by several parties who have visited these sections.. One day was spent repairing culvert approaches on this road.

MAINTENANCE: Merle R. Winbourn of Moab was entered on duty as a laborer on August 27th to repair damage caused by the storm of August 21st. The channel was changed in the wash behind quarters and approximately 25 feet of retaining wall was built to turn the water in the new channel. The old retaining wall on the main channel was repaired and raised 18" Several truck loads of sand were removed from the grounds. Sand was removed from the pump room at the warehouse and diversion ditches were dug around this building to handle water on future storms.

The water pumping system ceased functioning on September 24th.

Page 3, Arches Barr. Rpt., September, 1947.

Upon pulling the marker red it was found that a rod connection had parted at the working valve and considerable fishing was necessary before the valve could be recovered. The repairs were completed on September 9th.

High winds on September 17th snapped a pole on our telephone line near quarters. This was replaced and an additional pole installed to decrease the length of the span at this point.

The same wind caused considerable damage to the roof of the warehouse, removing several sections of paper. This was repaired on September 18th.

(in trip).



Russell L. Mahan
Custodian

Arches

Moab, Utah

October 28,

47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of October, 1947:

GENERAL: Despite heavy storms during the month the exceptional visitation to this area has continued. Most of our visitors are the type who want to spend several days in the country absorbing the scenery of the area and not the stop-look-run type, but we have had to discourage their visiting the outlying sections due to impassable roads. Many of these parties, not to be discouraged, have made the hike from Balanced Rock to Delicate Arch, a round-trip of 12 miles, and stated that it was certainly worth the effort. The Courthouse Towers area continues to be one of the most popular sections, despite the two mile walk over rough country with no trail.

TRAVEL: Again this month our travel was well above normal with 151 cars and 463 people visiting the area, as compared with 70 cars and 185 people for October, 1946. We had representation from 23 states and Canada. Approximately 75% of the travel was out-of-state.

The Moab Lions Club held a picnic at the Windows on September 28th, honoring visiting Lions from Grand Junction, Colorado and Monticello, Utah with 75 people in attendance.

INTERPRETIVE SERVICES: Our interpretive contacts dropped considerably from the previous month but were still way above normal. One guided trip was taken in the Windows section with a party of 21 visitors. Ninety one people were contacted at the Windows parking area and 194 people were contacted at headquarters. Three hundred and seventy two people visited the Windows section unattended.

WEATHER: The first frosts of the year came during the month and the weather has been much cooler. Rain started falling on October 10th and continued intermittently through October 14th, with showers of cloudburst proportions occurring each day. The official gauge at Moab registered 2 inches of precipitation for this storm. Heavy rains fell again on October 21st and 22nd.

Page 2, Arches ⁴Harr. Rpt., Oct., 1947.

SPECIAL ACTIVITIES: I was in attendance at a meeting of the Associated Civics Clubs of Southern and Eastern Utah on September 7th at Heab. Matters discussed were the Colorado River Pact and contemplated dams for this section, and ~~and~~ southeastern Utah roads, both primary and secondary. Attendance was poor and very little was accomplished. A banquet was held in the evening honoring the visitors.

An official trip was made to Blanding, Utah on October 3rd to contact Ranger Redd regarding problems at Natural Bridges.

Mr. Walter H. Keoh, Field Examiner, Bureau of Land Management visited the area on October 5th on a belated investigation of unauthorized excavations of archaeological sites in San Juan County and dinosaur remains in the vicinity of Arches. A trip was made to the Dalton Wells dinosaur site, with him, on October 17th.

ROADS: The Director's office has approved construction of roads in Arches National Monument by Grand County and the Utah State Department of Publicity and Industrial Development and the contract between these two agencies has been approved, whereby, \$16,000 is available for this work. Construction work was to have started on October 13th but the heavy storms have kept the county equipment busy on other jobs and it will probably be November 3rd before work can be started. The county has purchased a new FWD truck and a compressor for this job.

The heavy storms experienced during the month raised havoc with our roads. On October 13th three cars containing 6 people, were marooned near Courthouse Wash due to high water, and had to spend the night there. They were all good sports and enjoyed the experience very much. We have been able to keep the road to the Windows passable after these storms but for most of the month it has been very rough. The state hauled shale to Courthouse Wash and other bad spots on October 24th and 25th and the patrol graded the road from the highway to Balanced Rock on the 27th. The headquarters loop road was washed out in three places when a retaining wall gave way in the wash above quarters and flooded the headquarters area.

The road to the Devil's Garden and Delicate Arch, through Salt Valley, has been impassable since October 10th and I don't know when the county will be able to put it in passable shape.

PUBLICITY: The Viking Pictures Corporation of Chicago, Illinois have signed a contract with the Utah State Department of Publicity and Industrial Development for the making of two reels of color film of Southeastern Utah. Representatives of the company, Mr. Sullivan C. Richardson and Mr. Arnold Whitaker arrived on October 15th and the matter of the filming of Natural

Page 3, Arches Narr. Rpt., Oct., 1947

Bridges and Arches National Monument was discussed. They left for Natural Bridges on the 6th, to complete filming there before snow closed the road over the Elk Mountain. They returned on the 15th and shot the Windows and Courthouse Towers sections, after which they went to Monument Valley and finished their work there. They are at present filming the features of the Devil's Garden and Delicate Arch sections.

Mr. Charles C. Herbert, representative of Western Ways, Tucson, Arizona visited the area on October 5th, gathering information for an extensive series of pictures on Arches. No definite decision was made as to when this work would be accomplished.

PRIVATE LANDS: Funds have been made available for the purchase of the 100 acres of private land included in the monument, the Turnbow Homestead, and negotiations are under way for the acquisition of same.

MAINTENANCE: Our water pumping system ceased functioning on October 8th and upon investigation, it was found that the main shaft in the pump jack had broken. A new shaft was made in place and it was again in operation on October 9th.

Signs are being constructed for the new roads to Devil's Garden, Fiery Furnace and Delicate Arch and also for the trails in these sections. We hope to have all roads and trails adequately marked by the next travel year.

NATIONAL PARK SERVICE VISITORS: Mr. Jesse Hishman visited the area for a short time on October 5th and discussed the investigation now being carried on by the Bureau of Land Management of unauthorized archaeological excavations in San Juan County. He continued on to Blanding to contact Mr. Koch, who is making the investigation.

(in trip.)

Russell L. Latham
Custodian

Arches

Moab, Utah

November 25,

47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of November, 1947:

GENERAL: Visitors continue to come to the area despite the cold and stormy weather and our travel continues much above normal. Most of our visitors were in to do the area in color and stated that they wanted to miss the summer crowds and work in the area while it was cool.

INSPECTIONS: An inspection was made at Natural Bridges National Monument on October 29th and things were put in shape for the winter.

Field Examiner Koch of the Bureau of Land Management visited the area again on Nov. 22nd regarding the investigation of unauthorized excavations at Dalton Wells dinosaur deposit.

TRAVEL: Our travel for the month was considerably less than October but was practically double that for November, 1946. We had a total of 69 cars and 185 people. There was representation from 21 states and the District of Columbia.

Several parties of photographers visited the area during the month and spent from four to seven days covering all the features of Arches and surrounding scenic points.

INTERPRETIVE SERVICES: Our interpretive contacts dropped again this month with only 274 people receiving this service. We had three auto caravans to various sections of the area with 8 people and two hikes were made to Delicate Arch with 6 people. Seventy five people were contacted at headquarters and 13 people at the Windows parking area. One hundred sixty seven people visited the area unattended.

WEATHER: Cold weather closed in during the month and freezing temperatures have occurred each night. Rain and sleet fell on November 8th and 19th with snow on the 21st which left 2 inches on the ground. Heavy winds were experienced on three occasions during the month.

Page 2, Arches Narr. Rpt., Nov. 1947.

COOPERATING GOVERNMENTAL AGENCIES: Grand County started construction of approach roads to the Devil's Garden and Fiery Furnace sections on November 5th. To date 3 miles of this road, to the Salt Gorge, has been roughed out with a bulldozer. The first 1.2 miles has all culverts installed and is ready for finishing with a patrol. Next week work will start on the spur through Salt Valley to the Devil's Garden.

County Commissioner L. L. Taylor informed me that the Utah State Road Commission were seriously contemplating the spending of \$7000.00 to improve the $6\frac{1}{2}$ miles of approach road from the highway to the boundary in the Windows section. They have asked the county to furnish the equipment and perform the work.

NATIONAL PARK SERVICE VISITORS: Landscape Architect Allenman arrived at the monument on November 1st and the 3rd and 4th were spent in flagging the first two miles of road to the Devil's Garden and Fiery Furnace. On November 5th he drove me to Thompson, Utah to take delivery on a new pickup truck after which he departed for Santa Fe.

Road Maintenance Engineer Miller of Washington office and Regional Road Maintenance Engineer Hendricks visited the area on November 7th and the pressing problem of maintenance of our roads was discussed with them.

ACQUISITIONS: Delivery was received on a 1947 Dodge pickup truck on November 9th, to replace the veteran 1937 Chevrolet Coupe pickup. It is quite a sensation to have a new truck to break in, the first in my 13 years with the Service.

PRIVATE LANDS: On November 14th County Commissioner L. L. Taylor and myself visited Mr. Emmett Elizondo at Parley Dome, Utah to discuss the purchase of the 160 acre Turnbow Homestead, only private land in the monument. An option was obtained from him in favor of the Service and this was submitted, with an appraisal, for action by the Director.

NEWSWORTHY VISITORS: Mr. John Clark, vertebrate geologist of the Carnegie Museum and his field assistant A. D. Lewis arrived in Moab on November 23rd. They are making a reconnaissance survey of the Chinle formation for vertebrate fossils and will spend a week or 10 days in the vicinity of Moab.

MAINTENANCE: Small trees, donated by several Moab residents, were planted completely around the quarters with the hope that they will serve as an effective windbreak in a year or two.

Prestone was placed in all water cooled equipment during the month.

Page 3, Arches Narr. Rpt., Nov. 1947.

Repairs were made to the water lines at the office to protect them from freezing weather.

Work continued during the month on new signs for the roads and trails.

ROADS: The Windows section road has been in fair condition the entire month. No maintenance work has been done by the state during this time. Work has been carried on all month on the 2.6 miles inside the boundary and we are gradually getting it in shape with a stake truck and a no. 2 shovel.

The Salt Valley road to the Devil's Garden and Delicate Arch has been in very poor shape but several parties have made the trip to these sections despite bad roads.

NATURAL BRIDGES NATIONAL MONUMENT: An inspection trip was made at this area on November 29th, at which time most of the equipment was removed to Arches for the winter. The trails were found to be in fair shape despite the heavy storms and the approach road was in good condition. A trip was made to Kachina Bridge and Wiley's "Atomic Rock" via the White Canyon road. That portion of the White Canyon road, over which we travelled, was in very poor shape and Redd advised me that the entire distance to the Colorado River is badly washed out.

(in trip.)

Russell L. Mahan
Custodian

Arches

Moab, Utah

December 27,

47

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of December, 1947:

GENERAL: Travel dropped practically to zero for the month due to unusually cold weather and snow on the approach road.

WEATHER: Rain fell on December 2nd and 5th and on the 8th we had two inches of snow at headquarters. Temperatures during the month were very cold for December with a low of 16 degrees registered at Moab. It did not warm up during the day and the snow that fell on December 8th is still present on some portions of the monument.

TRAVEL: Our travel fell way down this month with only 19 cars and 48 people as compared with 185 people last month and 91 visitors for December, 1946. We had representation from seven states, France, China and Italy.

INTERPRETIVE SERVICES: Three parties were accompanied into the Windows and Delicate Arch sections during the month. Sixteen visitors were contacted at headquarters and 48 people visited the Windows section unattended.

COOPERATING GOVERNMENTAL AGENCIES: Construction work on approach roads to the Delicate Arch, Fiery Furnace and Devil's Garden was carried on the entire month by Grand County. To date 4.8 miles of road have been roughed out, with all drilling and shooting completed and all culverts installed. This includes 2.6 miles from the Windows road to the Devil's Garden - Delicate Arch junction and 2 miles of the Devil's Garden spur. The power grader arrived on the job on November 21st but accomplished about only 4 hours work before it ceased functioning. An engine overhaul was necessary and it has not been back on the job to date so that no finishing has been accomplished. Snow and cold weather have hampered the work considerably and only the foreman, acting as dozer operator, and one laborer are on the job. Work was closed down on December 20th for the Christmas holiday and will be resumed on December 29th.

NATIONAL PARK SERVICE VISITORS: Naturalist Sullivan spent December 2nd, 3rd and 4th at the monument going over the museum prospectus and interpretive problems. Stormy weather prevented his visiting all sections of the monument.

Page 2, Arches Narr. Rpt., Dec., 1947.

Ranger Bill Gaillet of Colorado National Monument stopped by to say hello on December 7th.

NEWSWORTHY VISITORS: Harry Goulding of Monument Valley visited the area on two occasions during the month. He stated that John Ford, director for RKO pictures was interested in filming pictures in this vicinity and he was looking over the possibilities before bringing Mr. Ford in during the spring.

MAINTENANCE: Laborer-Loadman Winbourn was terminated on November 29, 1947.

Carving of new signs for roads and trails has been completed and hope to have them painted and ready for installation during the coming month.

MISCELLANEOUS: A visitor from Salt Lake City, Utah, who did not believe the road closed sign, tried out the new road on December 7th and in trying to get back out of Salt Valley, over the switchbacks, burned out a clutch due to slick roads. No one was at the County trailer camp so he spent the night in his car. He was found the next morning by the construction crew and his car was towed to Moab for repairs. He stated that he would believe in signs in the future, after spending a frigid night in his car.

NATURAL BRIDGES NATIONAL MONUMENT: This area became inaccessible during the early part of December due to heavy snow on the Elk Ridge. No travel can come to the area via Hite due to the fact that the ferry over the Colorado River was sunk during the fall.

(in trip.)

Russell L. Mahan
Custodian