

Arches

Moab, Utah

January 27,

43

MEMORANDUM FOR the Regional Director, Region Three:

The following is a narrative report for Arches and Natural Bridges National Monuments for the month of January, 1948:

GENERAL: Travel for the month was very slow, due in part to the extremely cold weather and snow. This has been the longest period of continuous below freezing temperatures experienced in Moab for many years.

The custodian was on annual leave for four days during the latter part of December.

WEATHER: Below freezing temperatures were experienced throughout the month, with snow on two occasions. For the last four days a cold north wind has been blowing. The old-timers predicted a thaw about January 25th but it has not arrived to date.

TRAVEL: A total of 32 cars and 87 people visited the area during the month. This about doubles last month's travel and is approximately four times that for the same month last year. We had representation from Arizona, California, Colorado, Idaho, Montana, New York, Utah and Wyoming.

INTERPRETIVE SERVICES: No guided trips were taken during the month. Twelve people were contacted at headquarters and 85 people visited the Windows section unattended.

COOPERATING GOVERNMENTAL AGENCIES: A warning sign, regarding excavation of Fossils under the Antiquities Act, has been received from the Bureau of Land Management with a request that it be placed at the site of the Dalton Wells dinosaur deposit. This will be accomplished as soon as the frost leaves the ground so that the necessary excavation can be made.

Road construction by Grand County has progressed very well despite the cold weather and the small construction crew, consisting of a bulldozer operator and a compressor man and driller. The crew returned to work on January 5th, after the holidays. On January 24th I drove the pickup into the Devil's Garden section, the first time a car has been in this area. The road has been completely roughed out to the site of the contemplated parking area. Two more culverts remain to be installed and

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considerable drilling and shooting must be done for drainage ditches. Foreman Beeson estimated that this spur would be ready for finishing on January 31st but the cold weather of the last three days will probably prolong this estimate. To date 8.8 miles of road have been constructed. The total length of the Devil's Garden spur is 6.2 miles. Work will be started on the Fiery Furnace and Delicate Arch spurs during the coming month.

PRIVATE LANDS: Secretarial approval has been received for the purchase of the Turnbow property, near Delicate Arch, and final details on the contract will be taken care of during the next two weeks.

ROADS: The approach road into the Windows section has been rough but passable during the entire month. Freezing weather has prevented maintenance by the State but it is hoped that we will get a thaw during the early part of next month so that this road can be placed in better shape.

MAINTENANCE: The 3 kw power unit ceased functioning on December 27th. It was taken to Moab for repairs where it was found that a valve spring had broken. Repairs were completed on January 8th and it was returned to the monument and installed.

NATURAL BRIDGES NATIONAL MONUMENT: No activity at this area during the month due to snow on the approach road.

A radio broadcast over KSL at Salt Lake City on January 26th stated that the Carbon County Chamber of Commerce at Price, Utah had taken exception to the expenditure of money for the construction of a bridge over the Colorado River at Hite, Utah. They stated that the funds necessary for this construction could be better used to replace the present inadequate bridge spanning the river at Moab on US 160. Public sentiment seems to be against the Hite project in this vicinity.

(in trip.)

Russell L. Mahan
Custodian

Arches

Moab, Utah

February 26,

48

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of February, 1948:

GENERAL: A few visitors entered the area during the month despite poor travel weather. On our one or two warm days several cars visited the Windows section.

WEATHER: Snow fell on January 26th, February 6th, 7th, 10th, 11th, 23rd and 24th with a good rain on February 22nd. Cold winds blew intermittently during the month. Our coldest night for the year occurred on January 26th when the thermometer registered zero degrees. The nightly temperature has been down around 15 degrees for practically the entire month.

TRAVEL: A total of 30 cars and 94 people visited the area during the month. This was slightly over our travel for last month and an increase of about one third over February, 1947. Most of the visitors were local people.

INTERPRETIVE SERVICES: Nine parties of 23 people were contacted at headquarters. A total of 88 people visited the Windows section unattended. No contacts were made in the Windows section and no guided trips were taken during the month.

SPECIAL ACTIVITIES: A trip was made to Fruita and Grand Junction, Colorado on February 10th in company with County Commissioner L. L. Taylor to contact Mr. Emmett Elisande regarding the option to purchase the Turnbow property.

COOPERATING GOVERNMENTAL AGENCIES: Very little road work was accomplished by the Grand County construction crew during the month due to unusually cold weather and snow storms. At this writing the roughing out of the Devil's Garden spur has been completed. The grader is working on finishing of the upper end of this spur. The bulldozer is doing some further work on the sand cuts between the Salt Valley Wash and the parking area. One surfacing material site has been designated and a large stockpile has been made. If our clear spring weather continues the bulldozer should start on the Delicate Arch spur about March 1st. Surfacing will probably start

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~~snowing~~ about that time. Drifting sand has caused trouble in some of the cuts and they are going to install snow fences at these points to try to eliminate this. They may have to postpone work on the Fiery Furnace and Klandike Bluffs spurs as the county equipment will soon be urgently needed on other county roads.

PRIVATE LANDS: The option for the purchase of the Turnbow property has been obtained and approved, thus clearing up the private land problem in this monument.

MAINTENANCE: Our water pump ceased functioning on January 28th. It was dismantled on February 18th and it was found that the working valve had become detached from the sucker rod. After removing and replacing the sucker rod twice we finally got it to functioning again and at this writing our storage tanks, 20,000 gallons, are full.

The winds of the last month have removed practically all of the roof covering on the warehouse roof. Temporary repairs have been made over the office portion with the hope that funds will be made available for permanent repairs.

(in trip.)



Russell L. Mahan
Custodian

Arches

Moab, Utah

March 27,

43

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of March, 1943:

GENERAL: Extremely cold and stormy weather has been the rule throughout the month and the travel has been down to a minimum due to snow and slick approach roads. This has been the coldest March this country has experienced for many years.

TRAVEL: A total of 43 cars and 133 people visited the area during the month, with representation from Arizona, California, Colorado, Idaho, Illinois, Michigan, New Mexico and Utah. The bulk of the travel was from Colorado, Idaho and Utah.

INTERPRETIVE SERVICES: Two guided trips were taken during the month into the Devils Garden, Windows and Courthouse Towers sections with 4 people. Twenty six visitors were contacted at headquarters and 17 people in the Windows section. One hundred and sixteen people visited the Windows section unattended. Fourteen requests for information were received and answered during the month.

WEATHER: Snow fell on February 26th and March 2nd, 3rd and 4th with rain on March 19th and 20th. Cold winds blow intermittently all month and freezing temperatures were experienced each night until March 20th.

PRIVATE LANDS: The Abstract of Title and Warranty Deed, covering the purchase of the Turnbow property, was submitted to Regional Office for action.

NATIONAL PARK SERVICE VISITORS: Landscape Architect Alloman of Region Three Office arrived at the monument on March 8th. We spent from the 9th to the 13th on the inspection and alignment of roads being constructed by Grand County and looking over various sites for trail construction in the vicinity of Delicate Arch.

NEWSWORTHY VISITORS: Mr. Jack Dreed, photographer from Tucson, Arizona

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stepped by on March 11th to advise me that he would pay another visit to Arches during May or June.

Jesef Muench, photographer from Santa Barbara, California, visited the area in company with Harry Goulding of Monument Valley on March 13th, 14th, 15th and 16th. He covered the Devils Garden, Delicate Arch, Windows and Courthouse Towers and was so well pleased with the possibilities of the area that he plans to return in April for further work.

GENERAL PUBLICITY: The Utah State Department of Publicity and Industrial Development held a showing of colored movies at Moab on March 24th. Included in one subject "The Crimson Cliffs", were several shots of the features of Arches and Natural Bridges National Monuments, as well as features at Deadhorse Point and Monument Valley. They have 25 duplicates of this picture being shown throughout the United States and it will certainly go far toward publicizing Southeastern Utah.

COOPERATING GOVERNMENTAL AGENCIES: Very little was accomplished on road construction by Grand County during the month. Extremely cold and stormy weather made construction very difficult. About 1 mile of the Delicate Arch spur has been roughed out with the bulldozer leaving approximately $1\frac{1}{2}$ miles yet to be constructed. Most of the heavy dozer work has been done on this spur and the balance should go fast. The grader has the Devils Garden spur in good shape, with the exception of the last $\frac{3}{4}$ mile which is in shale and has been too wet to finish. One trip was made by the grader over the portion from the Balanced Rock to the top of the switchbacks and ditching was completed on one side. Surfacing has been stockpiled for use on the Devils Garden spur. The crew left the job on March 13th to accomplish much needed maintenance work on various county roads and it is hoped that they will be available to finish the monument roads by April 5th. It is possible to reach the Turnbow cabin via the new road by using the Salt Valley Wash for part of the distance. The Devils Garden spur is impassable for visitors due to a stretch of about 150 feet of heavy sand that has drifted into one of the cuts. It is hoped that the use of snow fence will eliminate this trouble.

SPECIAL ACTIVITIES: On March 1st I accompanied the three Grand County commissioners on a trip over the new roads being constructed to the various sections of the monument. They were very enthusiastic over the work accomplished to date.

ROADS: The state maintenance crew spent 5 days on the maintenance of the Windows approach road during the month. It was graded on February 27th and 28th, but storms shortly thereafter washed out several short sections and it was in poor condition until March 17th, when they spent three days in putting it back in shape. It is now in fair condition.

Page 3, Archos Marr. Rpt., March, 1948.

MAINTENANCE: Merle E. Winbourn of Moab, Utah was entered on duty as laborer, Leadman on roads and trails maintenance on March 4th. He was laid off on March 5th, pending approval of employment papers, but hope to have him back on the job April 1st.

The 3 KW power unit ceased functioning again during the month. It was found that two valve springs had broken this time, it seems to have a weakness for breaking valve springs. It was repaired and again in operation on March 24th.

The water installation at the Windows parking area was opened for the summer on March 26th. The drinking fountain, etc was set-up and the tank filled by hauling water from headquarters.

Funds have been made available for the reroofing of the warehouse. It is hoped that this job can be completed during the coming month.

(in trip.)



Russell L. Mahan
Custodian

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Arches

..... NATIONAL MONUMENT
Moab, Utah

April 29,

48

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MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches and Natural Bridges National Monuments for the month of April, 1948:

GENERAL: Travel showed a substantial increase despite heavy winds and inclement weather. The out-of-state-cars are now becoming more evident and we are looking forward to our big travel year.

WEATHER: The March winds are a month late but are making up for lost time. Extremely high winds were in evidence on numerous occasions during the month and today they snapped off a Lombardy poplar tree about 20 feet high at quarters. The first part of the month was unseasonably cold with rain and snow on several occasions but it has become much warmer during the latter part of the month. The Colorado River has been rising rapidly and oldtimers predict the highest water experienced for some years due to heavy snows in the LaSals.

TRAVEL: Our visitor register showed a total of 201 cars and 777 people for the month as compared with 133 people last month and 559 people for April, 1947. Easter Sunday recorded the heaviest daily travel for the monument with 88 cars and 447 people. Most of the travel was from Utah and Colorado but the out-of-state-travel is increasing.

INTERPRETIVE SERVICES: Our contacts increased during the month with 113 people contacted at headquarters and 172 people contacted in the Windows section. Two hikes were taken with parties to Klondike Bluffs and the Devils Garden section. A total of 6 people were included in these parties. Several requests for information were received and answered.

COOPERATING GOVERNMENTAL AGENCIES: Grand County completed the construction of approximately 12 miles of access roads to the Devils Garden and Delicate Arch on April 27th. Funds ran short toward the end of the job and they were not able to do all the surfacing contemplated but it is an excellent road and will certainly make the area more readily accessible to visitors. Mileage and directional signs have been installed. The Lions club is holding an outing and barbecue in the area on May 8th.

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celebrate the completion of this work.

ROADS: The approach road to the Windows section of the monument is in good condition. The State maintenance crew spent two days grading same during the month. Grand County enlarged the Windows parking area with a bulldozer and improved one hazardous curve by drilling and shooting.

TRAILS: The Delicate Arch trail signing and improvement has been completed. A rope handrail has been installed on the approach to the arch thereby improving the hazardous climb to the arch proper.

The Devils Garden trail has been signed from the parking area to Double O Arch and The Dark Angel, a distance of 2 miles. Features along this trail are Tunnel Arch, Pine Tree Arch, Landscape Arch, Wall Arch, Partition Arch, Pin Canyon, Double O Arch and the Dark Angel.

Signs have been completed for the trail and features in the Windows section and we hope to have them in place during the first week in May. Signs have also been mapped out for the Courthouse Towers trail and will try to get them made and in place before our heavy travel starts.

NATIONAL PARK SERVICE VISITORS: Ranger Paul Steel of White Sands National Monument arrived on April 17th to deliver a surplus house trailer assigned to Natural Bridges National Monument. He was shown over a portion of the monument.

MAINTENANCE: Material has been purchased for the reroofing of the warehouse and it is hoped that we will get this job completed the first week in May.

NATURAL BRIDGES NATIONAL MONUMENT: The approach road to this area is still closed by heavy snow. The last report received stated that there were still 5 feet of snow on the Bears Ears on the Elk Mountain and it would probably be May 10th before the road could be opened.



Russell L. Mahan
Custodian

(in trip.)

Arches

Moab, Utah

May 28,

43

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of May, 1948:

GENERAL: The Moab Lions Club held a barbecue at the parking area in the Devils Garden section on May 8th to celebrate the completion of the new roads to Delicate Arch and the Devils Garden. It is estimated that approximately 250 people were in attendance including, representatives from the Utah State Department of Publicity and Industrial Development, Grand County Commissioners and the National Park Service was represented by Mr. Davis and Mr. Kell from Regional Office. Delegations from Monticello, Greenriver and Price, Utah and Grand Junction, Colorado were also in attendance. All present were very much impressed with the new road and the areas made accessible by its construction and also the excellent barbecue which was served.

WEATHER: Rain fell on April 26th and 27th and again on May 27th. High winds have blown intermittently all month. The Colorado River run-off has started and the present water level is the highest it has been in the last four years.

TRAVEL: The travel for the month was again way above normal with 322 cars and 1016 people visiting the area, as compared with 117 cars and 397 people for May 1947. We had representation from 29 states, England, Japan and Sweden.

INTERPRETIVE SERVICES: Our contacts showed a decided increase over the previous month. Two caravan trips were taken with a total of 30 people, 5 guided trips to the various features with 53 people. A total of 193 people were contacted at headquarters and 219 people were contacted in the Windows and Devils Garden sections. There were 797 people that visited the various sections unattended.

NEWSWORTHY VISITORS: Mr. Jack White, staff photographer for the Salt Lake Tribune, visited the area from May 15th to 19th. He covered all areas shooting pictures for the next scenic edition of the Tribune.

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Mr. Peter Alt, and party, of the Eastman Kodak Co., Rochester, New York, arrived at the monument on May 27th to shoot colored movies and stills of the area. He hopes to cover all features of the monument.

Word has been received that Mr. Jack Breed will be in on June 1st to cover the area again. He also hopes to get complete coverage on Monument Canyon and Natural Bridges.

PRIVATE LANDS: A trip was made to Sapinero, Colorado on May 26th to contact Mr. Emmett Elizondo on the purchase of the Turnbow Homestead. His signature was obtained on the deed and the voucher for payment. The deed will be recorded and sent to Regional Office for final action.

Mr. J. Fred Pingree of the Utah State Land Board was a visitor at the monument in the last week. He stated that he was making a trip to Washington, D. C. in September and would contact the Bureau of Land Management regarding the status of the exchange of State lands in the monument.

NATIONAL PARK SERVICE VISITORS: Assistant Regional Director Davis, Park Planner Kell and Chief Clerk Castellum arrived on May 6th. Mr. Castellum left the next day but Mr. Davis and Mr. Kell remained until May 9th, attending the Lions Barbecue in the Devils Garden on May 8th.

Forester Carlson and Chief Ranger Wade, from Santa Fe and Mesa Verde, paid us a short visit on May 11th.

RANGER SERVICE: Mr. Thomas Earl Worthington of Nephi, Utah entered on duty as temporary ranger on May 16th, 1942 for the summer season.

PUBLICITY: Word was received that the Desert Magazine plans to run an article on Delicate Arch, by Catherine and Dick Freeman, in an early issue. Information on the new road, etc was furnished at their request.

MAINTENANCE: Under rehabilitation of buildings we accomplished the reroofing of our warehouse and office building and also lined the pump and power unit room with asbestos and sheet rock to reduce our fire hazard and protect the equipment from the ever present sand.

A used pit toilet was purchased during the month and installed in the headquarters area for the convenience of our visitors.

TRAILS: Trails signs were installed on the Windows section trail, white arrows were painted on the slick-rock portions and mounted on posts over the sandy portions of the trail. Name signs were placed

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at Cove Arch, Double Arch, Parade of the Elephants, North and South Windows and Turret Arch. This should eliminate considerable complaint regarding our trail in this section.

Signs have been completed for the Courthouse Towers Trail and features and we hope to have them in place shortly after the 1st of June.

ROADS: The State crew spent two days hauling shale to the bad spots on the approach road and at this writing they are grading this road and also the roads within the boundaries of the monument.

Several days were spent by Laborer-Leadman Winbourn hauling shale to rough spots on the road in the monument. Slow and stop signs have been placed at road junctions and rock guardrail has been installed at several points along the loop road in the Devils Garden to keep cars from tearing up the area.

(in trip.)

Russell L. Mahan
Custodian

Arches

Moab, Utah

June 27,

43

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of June, 1943:

GENERAL: A trip was made to Hualapai National Monument from June 16th to 18th to pick up a water tank for use at Natural Bridges National Monument. A stop was made at Monument alley on the return trip.

TRAVEL: Travel to this area again hit an all time monthly high with 223 cars and 1407 people visiting the area. In checking actual daily travel against the registers on several days it was found that we are losing from 30% to 50% of our travel due to non-registration. At present we add 25% to the actual registration for the monthly travel figure. We had 1153 visitors at the Windows section, 514 in the Devils Garden and 107 at Delicate Arch, the figures for the Devils Garden and Delicate Arch are actual register figures.

INTERPRETIVE SERVICES: Our contacts approximately doubled those for May, with 258 people being contacted at headquarters, and 530 people were contacted at the Windows, etc. A total of 877 people visited the area unattended. Three caravans were conducted to the various sections with 14 people and 13 parties with a total of 133 people were conducted through the various sections of the monument.

WEATHER: The weather continues unusually cool for this time of year. Good rains fell on June 2nd, 7th, 11th, 21st and 22nd. The storm of the 21st and 22nd laid a cover of new snow on the LaSal mountains. High winds blew on two occasions during the month.

ROADS: Our roads have been in good shape throughout the month. The state graded all roads, both approach and monument, from June 3rd to 5th and graded the approach road again on June 22nd and 23rd, after our heavy storm on June 21st. This storm washed out several spots along the approach road and also two culverts in the Windows section.

TRAILS: The Courthouse Towers trail was signed during the first part of

Page 2, Arches Narr. Rpt., June, 1943

of the month. Arrows mark the trail for the entire distance from headquarters and name signs have been placed at all important features. This completes our trail marking program for this year and makes the Windows, Devils Garden, Delicate Arch and Courthouse Towers sections readily available to visitors without a guide.

INSPECTIONS: An inspection was made at Natural Bridges National Monument on June 7th and 8th. All trails were gone over at this time and it was found that the trail from headquarters to Kachina Bridge was badly washed out. It has been impossible to employ labor to improve this condition. The headquarters area was in good shape.

PRIVATE LANDS: All papers have been completed on the purchase of the Turnbow Homestead from Mr. Emmett Elkanovic and have been sent to Regional Office for final action.

NATIONAL PARK SERVICE VISITORS: Mr. Jesse Nusbaum of Regional Office, in company with Mr. and Mrs. Wentworth of California, spent May 31st in the monument and made a trip to Grand Point on June 1st.

Richard Sims of Regional Office, with Mr. Philip Puderer of the Director's office, visited the area on June 15th. A trip was made with them to Gray's Pasture and Grand Point on that date.

Ralph Lassiter of the Regional Office arrived in Moab on June 20th with his wife and daughter. They were shown over the monument on the 21st and on the 22nd a trip was made to Deadhorse Point with the Lassiters and Superintendent Rose of Mesa Verde National Park.

NEWSWORTHY VISITORS: Jack Breed of Tucson, Arizona arrived on June 1st. He intended to cover Monument Canyon, The Needles and Natural Bridges but received word that the pictures taken on his Escalante trip, about three weeks duration, had not turned out well, so he returned to Tucson on June 6th to check on this matter. I recently received word that he would return in the near future.

WILDLIFE: A visitor from Salt Lake City reported seeing a female mountain lion, with two cubs, in the Courthouse Towers section on May 30th. Stated he watched them for several minutes with field glasses.

Rattlesnakes seem to be more prevalent this year than they have in the past. Visitors have reported them on two occasions in the Windows section. One was found along the slick-rock trail to Delicate

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Arch on June 11th.

A family of eagles nested in the vicinity of Balanced Rock this year. Two young eagles were seen flying in that vicinity during the month.

VANDALISM: On two occasions during the month we have found names carved on the rock near Double Arch. One party was apprehended before they left the area and were given the job of eradicating their handiwork. The other party was traced and advised by mail regarding the rules and regulations of the Service.

(in trip.)

Russell L. Mahan
Custodian

Arches

Moab, Utah

July 29,

43

MEMORANDUM for the Regional Director, Regional Office:

The following is a narrative report for Arches National Monument for the month of July, 1948:

TRAVEL: Travel for the month amounted to 499 cars and 1301 people, which was more than double that for the same month last year when we had 193 cars and 511 people. This brings our travel year to date to 5601 people, as compared with the 1947 travel year total of 4702 people, with two months yet to go. Actual registration at the various areas was as follows: Windows - 925 people, Devils Garden - 308 people, and Delicate Arch - 344 people. The bulk of the travel was from states other than Utah and Colorado.

INTERPRETIVE SERVICES: Our contacts were heavy again this month with 866 people being contacted in the monument area and 197 people at headquarters. Twenty-seven guided trips were taken with 110 people to the various features of the area and one talk was given before a group of 75 people at the LDS church on "Prehistoric Cultures of Central America." The ranger spent practically the entire month on interpretive work in the scenic areas.

WEATHER: The temperature rose to 102 degrees on one or two occasions during the month and considerable warm weather was experienced. Unseasonal rains occurring on June 26th and 27th and July 10th, 19th, 20th, 21st, 25th and 28th helped to temper the hot spells. On the whole it was an unusually cool July for this monument.

ROAD AND TRAIL MAINTENANCE: Additional directional arrows were placed on the Devils Garden and Delicate Arch trails after complaints by visitors that they were unable to follow same.

Leaher Leachman Wincham repainted and changed wording of mileage and directional signs at the headquarters and approach road junctions, repaired a 25' break in the retaining wall in the headquarters area to protect our loop road, installed a section of sand fence on dunes on the Devils Garden spur, increased the length of two culverts on the new road, hauled shale to rough spots on the Windows section road and cleaned drainage ditches and culverts in preparation for our flash flood period, which will soon be upon us.

Page 2, Archos "arr. Rpt., July, 1943.

No maintenance was performed on the approach road by the State during the month. They have been kept busy on repairs to the main highway. This road is getting rough in spots but is still in fair shape.

PUBLICITY: The June issue of the Ford Times contained an article and pictures "Land of the Archos" by Dick Freeman of Los Angeles, California and the August issue of the Desert Magazine ran an article and pictures on Delicate Arch titled "Utah's Incredible Arch of Stone", by Catherine and Dick Freeman.

INSPECTIONS: Two inspections were made at Natural Bridges National Monument during the month. One in company with Assistant Regional Director Davis on June 30th and July 1st and Earl. On July 27th and 28th I visited the area with Landscape Architect Paul Thomas and went over possible road construction, etc for the master plan.

RANGER SERVICE: Ranger Worthington made a trip to Natural Bridges National Monument on July 12th and 13th to deliver a 265 gallon water tank for use at that area. The balance of his time during the month was spent on contact work and road patrol in the monument area.

ACQUISITIONS: Delivery was received on a 1943 International 1½ ton dump truck on July 14th at Grand Junction, Colorado. This will help to ease our road maintenance problem.

NEWSWORTHY VISITORS: Mr. John Henry Coon, lecturer, of Baltimore Maryland, and his wife visited the area from July 17th to July 22nd. They were accompanied on trips to the Windows, Devils Garden and Delicate Arch sections of the monument and also to Dendroserp Point.

(in trip.)

Russell L. Mahan
Custodian

Arches

Moab, Utah

August 28,

49

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of August, 1948:

GENERAL: The recent additional publicity this monument has received in various magazines, etc. has caused our travel to continue to soar. The most common questions from our visitors are, "Why haven't we heard about this monument before", and, "Why don't they build better access roads".

The custodian attended a stock show and barbecue sponsored by Glen. Reed, stockman from Ingal, Utah, and held at that place, in the afternoon of August 23rd. There were about 400 people in attendance. An excellent program was held out of doors during the evening.

WEATHER: Rain storms of considerable proportions fell on August 4th, 5th and 22nd with showers on August 6th, 12th, 23rd and 24th. Several very warm days were experienced but the intermittent storms kept the weather unusually cool for August.

TRAVEL: Visitors for the month exceeded all previous monthly travel for this area with 800 cars and 1815 people. Our prior record month was June, 1948 with 1407 visitors. This brings our travel year to date to 7116 people as compared with the total 1947 travel year with 4702 people. There was representation from 31 states, District of Columbia and Canadian provinces.

INTERPRETIVE COMMENTS: Our interpretive exhibits in the monument area suffered during the month due to the necessity of spending a good portion of the time on road maintenance in order to keep our roads passable after storms. Despite this fact 207 parties of 635 people were contacted in the various sections and 9 parties containing 73 people were accompanied on trail trips to the various scenic points. A total of 73 parties with 311 people were contacted at headquarters. Our picnic areas and the headquarters area are getting heavy use by campers, who must have some spot to spend the night.

NATIONAL PARK SERVICE VISITORS: Custodian Brown of Glen Canyon, accompanied by his wife, visited the area during the month to take delivery

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on the Arches state truck for use at his area. He reported that he had trouble with the oil line on his return trip and had to leave the truck at Farmington, New Mexico for repairs.

APPROACH ROADS: The approach road has been in a rough condition practically all month. The heavy storms of August 4th and 5th caused considerable damage and it was not until August 18th that the State was able to grade this portion of the road. It was then too dry to accomplish much. The storm of the 22nd again caused considerable damage and they have been unable to spare their equipment to perform the necessary work. The road is still passable with caution and the visitors are still coming in.

MONUMENT ROADS: The storms of August 4th and 5th washed out two culverts on the Windows section road and made the two crossings of the Salt Valley Wash impassable. It also flooded the Devils Garden parking area. We made temporary repairs and had the roads open by the evening of the 6th. The storm of the 22nd was not as severe and spared our culverts in the Windows section, the wing walls remained intact but considerable fill was washed out. The Salt Valley Wash crossing near the Turnbox Cabin was badly washed but the road was back in passable shape by noon of the 24th. Maintenance man Winburn has spent the entire month trying to get the roads back in shape after each storm.

SPECIAL ACTIVITIES: A reconnaissance survey was made of land lines in the vicinity of the Devils Garden, Fiery Furnace and Windows sections to determine additional land needed to include all portions of the Fiery Furnace and our new roads within the boundaries of the monument. This land is included within T243, E30E, which is being thrown upon for homestead entry.

Ranger Worthington and myself tried to check boundaries in the vicinity of Klamath Bluffs on August 6th to determine the location of uranium mines being worked in that section. We could not locate section corners but came to the conclusion that the workings were about one mile west of the boundary in this section. No other evidences of mining have been noted in close proximity to the boundary.

(in trip.)

Russell L. Mullan
Custodian

Arches

Moab, Utah

September 29,

48

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of September, 1948:

GENERAL: The travel year of 1948 proved to be a banner year for Arches National Monument with 8,820 visitors as compared with 4,702 visitors for the year of 1947. We had representation from 41 states, Alaska, Canada, England, Sweden, China, France, Italy and Norway.

WEATHER: Extremely hot weather was experienced night and day during the first part of the month. A gentle rain occurred on September 15th which improved conditions causing much cooler nights even though the days continued extremely warm. At this writing our fall winds have begun and it looks like cooler weather is just around the corner.

TRAVEL: Our travel for the month was excellent with 577 cars and 1404 people. This is the third highest travel month on record for this monument. We had representation from 23 states, Canada and Norway.

INTERPRETIVE SERVICES: The interpretive services continued heavy with 241 parties containing 700 people being contacted in the various sections of the monument and 67 parties of 174 people were contacted at headquarters. Guided trips were taken with 6 parties of 22 people over the trails of the area. Ranger Worthington spent the entire month in the monument area on interpretive work, with the custodian furnishing relief while the ranger was off duty.

INSPECTIONS: An inspection was made at Natural Bridges National Monument on September 12th and 13th to check on monument boundaries, etc.

ROADS: Maintenanceman Winbourn spent the entire month hauling shale, etc to bad spots on the roads in the monument. These roads are now in fair shape but the approach road is in very poor condition due to the fact that the State is short of both personnel and equipment to perform the necessary maintenance on this road.

ACCIDENTS: Mr. Oms Krumholz, professor at the Arizona State College,

Page 2, Archos Narr. Rpt., Sept., 1940.

Tempe, Arizona fell while climbing to the top of Wall Arch in the Devil's Garden section on September 1st. The accident occurred at 9:30 a. m. and we did not get him to the hospital at Moab, Utah until 4:15 p. m. Mr. Krumoltz weighed 200 pounds and it was necessary to carry him $1\frac{1}{2}$ miles on a stretcher. He suffered a fractured pelvic bone and multiple bruises and abrasions. He fell about 30 feet to the slide-rock below the arch and was very lucky in not receiving more serious injuries. He was removed to Phoenix, Arizona on September and I have had no report on his condition since that time.

NATIONAL PARK SERVICE VISITORS: Superintendent Rose and family from Mesa Verde National Park stopped by on two occasions during the month.

Naturalist Phillip Van Cleave of Mesa Verde National Park was a visitor on September 8th, as was Chief Clerk Arthur Gilmore from Lake Texoma Recreational Area.

Museum Curator William Macy from Region Three office visited the area from September 17th to 21st, in company with Mrs. Macy. They visited the various sections of the monument and various places of the interpretive portion of the master plan were discussed.

(in trip.)

Russell L. Mahan
Custodian

Arches

Mono, Utah

September 26,

48

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of September, 1948:

GENERAL: The travel year of 1948 proved to be a banner year for Arches National Monument with 3,520 visitors as compared with 4,702 visitors for the year of 1947. We had representation from 41 states, Alaska, Canada, England, Sweden, China, France, Italy and Norway.

WEATHER: Extremely hot weather was experienced night and day during the first part of the month. A gentle rain occurred on September 15th which improved conditions during much cooler nights even though the days continued extremely warm. At this writing our fall winds have begun and it looks like cooler weather is just around the corner.

TRAVEL: Our travel for the month was excellent with 577 cars and 1404 people. This is the third highest travel month on record for this monument. We had representation from 23 states, Canada and Norway.

INTERPRETIVE SERVICES: The interpretive services continued heavy with 241 parties containing 760 people being contacted in the various sections of the monument and 67 parties of 174 people were contacted at headquarters. Guided trips were taken with 5 parties of 22 people over the trails of the area. Ranger Worthington spent the entire month in the monument area on interpretive work, with the custodian furnishing relief while the ranger was off duty.

INSPECTIONS: An inspection was made at Natural Bridges National Monument on September 12th and 13th to check on monument boundaries, etc.

ROADS: Maintenanceman Winbourn spent the entire month hauling shale, etc to bad spots on the roads in the monument. These roads are not in fair shape but the approach road is in very poor condition due to the fact that the State is short of both personnel and equipment to perform the necessary maintenance on this road.

ACCIDENTS: Mr. Ows Krambolts, professor at the Arizona State College,

Page 2, Archos Barr. Rpt., Oct., 1943

MAINTENANCE: A heavy shortage of gasoline last month necessitated the excavation of our gasoline storage tank and it was found to be badly pitted and evidently leaking in numerous spots. A request has been made for the purchase of a new tank.

Trouble was experienced with both our 3 KW and 10 KW power units during the month. The 10 KW plant is now functioning OK but the 3 KW is still acting up and will be taken to Moab for repairs.

Work has been started on the installation of the surplus army house trailer to be used as quarters for the permanent ranger. A collar has been dug and lined and a rock foundation is being built on which the trailer will be placed. By working during our spare time we hope to have this job completed during the winter.

PERSONNEL: Temporary Ranger T. Earl Worthington entered on duty on permanent status on October 3, 1943.

Approval has been received for the employment of a permanent maintenance man and we hope to have this position filled in the very near future.

ACQUISITIONS: Delivery was made today on a surplus Caterpillar power grader assigned to this area. It looks good to see something on the job which will help us on our road maintenance problem.

LANDS: I attended a meeting of the Utah State Land Board in Salt Lake City, Utah on October 21st to discuss with them gas and oil leases on State lands within the boundaries of the monument. The Board was very understanding and cooperative and stated that leases approved on lands within the monument would be cancelled. A check-up was also made on the status of applications for exchange of State lands within the monument and it was found that this exchange was progressing as rapidly as could be expected.

APPROACH ROADS: The approach road to the monument is in poor shape due to lack of State personnel and equipment to properly maintain this road. It is hoped that men and equipment will be available in the near future to put this road back in shape.

While in Salt Lake City I contacted Chief Engineer McLeese of the Utah State Road Commission and discussed with him the condition of this road. He advised me that a reconnaissance survey would be made of this section in the very near future and an estimate submitted for the cost of improvement of same. He stated that funds would probably be made available in the spring to accomplish this work.

PAGE 5, ARCHES Barr. Rpt., Oct., 1943

MONUMENT ROADS: The roads within the monument are in fair shape due to the diligence of our maintenance men but lack of sufficient moisture and equipment has made it impossible to improve them greatly. Now that we have a power grader we are looking forward to our first fall storm so that we can really put them in first class shape.

INVESTIGATIONS: An investigation was made at the drilling site of the Pure Oil Company well east of Salt Valley and about $1\frac{1}{2}$ miles north of the boundary in the Devils Garden section. It was found that they were drilling in the northeast corner of Section 2, T 23S, R 20 E. The State had inadvertently issued a gas and oil permit in 1943 on Section 16, T 23 S, R 21 E and this lease is now a part of the permit under which the Pure Oil Company is working. This matter was brought to the attention of the representative of the company now on the job. The derrick is erected and they are ready to start operations as soon as water is developed. Trouble was experienced in drilling for water at the drill site and they are now working about $1\frac{1}{4}$ mile below the site in Little Valley. The hole was down 150 feet and they are experiencing trouble with crevices similar to that found at the oil well site.

(in trip.)

Russell L. Mahan
Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Arches

..... NATIONAL MONUMENT

Moab, Utah

October 26,

48

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MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches National Monument for the month of October, 1948:

GENERAL: The superintendent was absent from the monument a good portion of the month. From October 2nd to 9th a trip was made to Grand Canyon to attend the Service conference, from October 15th to October 18th on a deer hunting trip, and from October 20th to 23rd in Salt Lake City, Utah on official business.

Ranger Worthington and Maintenanceman Winbourn made a trip to Natural Bridges National Monument on October 11th and 12th to close the area for the season. All equipment was returned to Arches and the area was put in shape for the winter.

WEATHER: Our fall weather has arrived with warm days and cool nights. Two good rain storms occurred during the month and we experienced two days of heavy wind. The fall colors in the Moab Valley and on the La Sal mountains are excellent.

TRAVEL: Travel for the month totalled 274 cars and 683 people. This is less than half that for the month of September but shows a good increase over October, 1947 when 463 visitors entered the area. Our out of state travel fell off considerably but we still had representation from 30 states, Canada and Holland.

INTERPRETIVE SERVICES: Regular daily contact work, in the monument area, was discontinued on October 9th, due to decrease in travel and is now carried on only intermittently. A total of 86 parties containing 157 people were contacted in the various sections of the monument and 34 parties containing 74 people were contacted at headquarters. Eight parties of 42 people were accompanied on hikes over the various trails in the area.

NATIONAL PARK SERVICE VISITERS: Senior Archaeologist Husbaum and family visited the area on October 15th and a meeting was held with State Senator Mitchell Melich and County Commissioner L. L. Taylor at which problems concerning Arches were discussed.

Arches National Monument
Moab, Utah

November 23, 1948

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches and Natural Bridges National Monuments for the month of November, 1948:

GENERAL: The superintendent was absent from the monument from November 13th through November 16th on a deer hunting trip in the Indian Creek country. He was successful in obtaining additional meat for the larder.

TRAVEL AND INTERPRETIVE SERVICES: Travel for the month fell considerably below that for last month, with 99 cars and 278 people as compared with 274 cars and 633 people for last month and 69 cars and 185 people for November, 1947. We had representation from 17 states and the Union of South Africa, with the bulk of the travel coming from Utah and Colorado. Contact and interpretive work was carried on intermittently during the month with 3 guided trips in various sections of the monument with 24 people. One illustrated talk was given at headquarters to a group of 8 interested visitors. Contacts in the various sections totalled 12 parties and 37 people and 10 parties of 32 people were contacted at headquarters.

WEATHER: Our winter weather arrived about mid-month and the latter part of the month has seen freezing temperatures each night with cooler days. Rain fell on October 27th, 28th, 30th and November 10th with our first snow of the winter on November 18th and 19th. About 1" fell but melted rapidly except on the shady side hills.

MAINTENANCE: On November 17th a heavy truck with a high load tore out two sections of our telephone line where it crosses US 160 opposite headquarters. It was necessary for us to install two new poles to raise the line in the clear over the highway and one pole was replaced in the headquarters area.

✓ The surplus army house trailer has been placed on a rock foundation and we are ready to start with repairs and remodeling, if and when funds are made available.

BOUNDARIES: Contemplated boundary revisions have been discussed with local people to get their reaction to various proposed changes, and all sentiment seems to be favorable.

PERSONNEL: Merle E. Winbeurn, employed for the last several months as truck driver, returned on duty to the new position of maintenanceman on November 18th.

MONUMENT ROADS: Maintenanceman Winburn spent the entire month grading the roads in the monument. The 12 miles of new road to the Devils Garden and Delicate Arch has been ditched, etc and is in good shape for the winter. Work is now being performed on the Windows road and another two weeks should see this road ready for winter weather, thanks to the Caterpillar power grader recently received.

APPROACH ROADS: The State has been unable to accomplish any work on U-93 during the month and it is in poor shape but passable. Have hopes that they will get something done on this during the coming month, if we do not have a heavy freeze.

VISITORS: Hobart Brownell of Hollywood, California, shooting scenic color movies for the Standard Oil Company on the State of Utah, was in this vicinity from October 31st to November 6th shooting the Arches and surrounding scenery. He was very enthusiastic about the possibilities in this country.

William H. Lane of Leominster, Massachusetts flew in to Moab on November 1st and was shown over the monument during the a. m. of November 2nd, as per arrangements made over the telephone with Mr. Musbaum. During the p. m. of the 2nd he took me on a flight over the monument, Fisher Towers and on to Delta, Colorado and return. This was my first flight over this country and it was very spectacular and thrilling. He left the evening of the 2nd for Capitol Reef National Monument.

O. A. Roach, photographer from Lakewood, Colorado visited the monument on November 2nd and 3rd. He was taking 8 x 10 color shots for the Denver and Rio Grande R. R. Co.

GRAZING: Ranger Worthington made three patrols into the various sections of the monument to check on activities of various stockmen along the boundary of the monument. Only one herd of sheep were in evidence in the vicinity of the monument at that time.

NATURAL BRIDGES NATIONAL MONUMENT: No inspection was made at this area during the month due to press of other work. John Wiley Redd advised me that 91 people had visited the area from October 12th, the official closing date, to November 7th. It was estimated that 27 cars and 75 people visited the area during November. The approach road is still passable, with caution, and evidently a few hardy visitors are still driving to the area. I hope to make one last inspection trip shortly after December 1st, weather permitting.

(in trip.)

Russell L. Mahan
Superintendent

...
5 inches in the monument proper. Our coldest temperature for the month, 12 degrees above zero, occurred on Christmas Eve.

TRAVEL: Cold and stormy weather throughout Utah and adjoining states caused our travel to drop off considerably, with only 30 cars and 85 people visiting the area. We had representation from 15 states, Canada

Arches National Monument
Moab, Utah

December 23, 1943

MEMORANDUM for the Regional Director, Region Three:

The following is a narrative report for Arches and Natural Bridges National Monuments for the month of December, 1943:

GENERAL: The superintendent was absent on annual leave from November 24th to 28th and was on annual leave again from December 8th to date but was present at the monument during this time.

Ranger Worthington was on leave from December 23rd to 27th inc.

WEATHER: During the first part of the month snow fell in most parts of Utah but none in the vicinity of this monument. Freezing temperatures occurred nightly until December 16th, at which time a "chinook" wind set in and it warmed up considerably. Snow fell on December 23rd and 27th, leaving about 3 inches of snow on the ground at headquarters and 4 to 8 inches in the monument proper. Our coldest temperature for the month, 12 degrees above zero, occurred on Christmas Eve.

TRAVEL: Cold and stormy weather throughout Utah and adjoining states caused our travel to drop off considerably, with only 30 cars and 35 people visiting the area. We had representation from 15 states, Canada and Switzerland. Our interpretive contacts during the month were negligible.

MONUMENT ROADS: The heavy maintenance of our roads, ditching and preparing for winter, was completed on December 3rd. The roads from Balanced Rock to the Devils Garden and Delicate Arch were in excellent shape, but the Windows road was sandy and soft but passable. The storms of December 23rd and 27th closed the approach road to travel. Snow removal on monument roads was started on December 27th and is continuing at this writing. We hope to have the road open to visitors by tonight, December 28th.

APPROACH ROADS: U-23 has been in fair shape during the month but needs considerable maintenance work. The state crews have been busy on the other roads in the state system and have been unable to accomplish any work on this section of road.

GRAZING: Ranger Worthington has made boundary patrols intermittently during the month and has found no evidence of trespass by stock grazing along the boundaries.

The grazing permit of James Westwood of Moab, Utah is due to terminate on December 31, 1940 but all phases of this matter have not been straightened out to the satisfaction of all concerned. We hope to have this matter ironed out in the not too distant future.

MAINTENANCE: A new 1000 gallon gasoline storage tank was purchased during the month and installation has been completed. A trip was made to Salt Lake City, Utah on December 14th to obtain this tank.

Russell L. Mahan

(in trip.) Our 3 KW light plant again ceased functioning on December 16th due to broken valve springs. This is getting to be a monthly occurrence. New valves and springs will be installed and we will hope for the best.

Work is at a standstill on the trailer house quarters for the ranger due to lack of funds.

Our water pumping system quit on December 15th due to a broken bearing casting on the pump jack. Have written the manufacturer regarding replacement but have heard nothing regarding same. Our storage tanks were practically full at the time of the breakdown so we will not suffer for lack of water for some time.

NATIONAL PARK SERVICE VISITORS: Assistant Regional Director Davis visited the area on December 9th on an inspection trip and various administrative problems were discussed with him. He stopped by again on the evening of December 17th, enroute to Washington due to the serious illness of his father.

Superintendent Guillet of Canyon De Chelly and Ranger Guillet from Colorado stopped by on December 24th to say "hello" but this superintendent was absent from the monument and was sorry to miss them.

NATURAL BRIDGES NATIONAL MONUMENT: This monument is closed for the winter due to snow on the approach road from Blanding, Utah.

(in trip.)

Russell L. Mahan
Superintendent