



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
ARCHES-NATURAL BRIDGES NATIONAL MONUMENTS  
MOAB, UTAH

A2831

QEN

A2831

February 1, 1963

Memorandum

To: Superintendent

From: Chief Park Ranger

Subject: Monthly Narrative Report for January 1963

General.

Weather Conditions: Extreme cold temperatures characterized the weather pattern for the month. Temperatures did not rise above the freezing point for 20 straight days, January 6 through 25, and dipped below 0° on 12 of these days. Never before in recorded history, 1889 - 1962, has the temperature remained this low for such a long period. Snowfall totaled 6.2" for the month and reached a maximum depth of 7.0" on the 19th. A weather summary follows:

<u>January</u>	<u>1963</u>	<u>1962</u>	<u>Normals</u>
Maximum Temperatures	58°	58°	53.7°
Minimum Temperatures	-18°	-5°	-3°
Mean Temperatures	18.5°	26.5°	28.8°
Precipitation	.45"	.44"	.73"
Snow Fall	6.2"	7.0"	1.8"
Maximum Depth	7.0"	4.5"	1.2"

Travel: There was a considerable decrease in visitor use of both areas due in part to severe weather conditions which resulted in closure of roads during parts of the month.

ARCHES

<u>Jan.</u>	<u>Visits</u>	<u>Variation</u>	<u>Campers</u>	<u>Variation</u>
1963	1,058		3	
1962	1,680	-37.0%	11	-72.7

NATURAL BRIDGES

1963	80		0	
1962	198	-59.6%	0	

Miscellaneous: Park Naturalist Canter and Park Ranger Mulhern were elected to the Board of Directors serving the Southeastern Utah Museum Association at a meeting held on the 30th.

Ranger Mulhern has joined the adult education class in art painting in Moab.

What was the nursing course that Edie took, Bates? I hear she passed with high honors.

#### Administration.

Personnel: Roby R. Mabery was promoted and redesignated from Supervisory Park Ranger GS-7, to Chief Park Ranger GS-9, effective January 20.

Bervil R. Rose passed the Civil Service examination for Maintenance man with a score of 87.

Administrative Assistant George T. Yardic completed a two year course in Business Administration with the La Salle Extension University, Chicago, Illinois with an average of 1-.

January has been a training month at Arches. The Administrative Assistant conducted a 2 hour class in local purchasing and the use of duplicating machines on the 18th. Five permanent and one WAE employees took part. A total of 62 man hours of training was accomplished in 6 training sessions during the month.

Ranger Mabery has been selected to attend the Supervisory Training Course at Grand Canyon, February 4 - 8.

The Superintendent conducted a staff meeting on the 11th to discuss operational procedures. It was attended by all personnel.

Operator General Shoemaker ~~was~~ took 48 hours of annual leave during the month.

#### Conservation, Interpretation and Use.

Protection: Two persons were apprehended by Ranger Mulhern on the 5th for infractions of the park rules and regulations. One was for driving beyond a barricade and the other for the possession of a fire arm. They were brought before the Park Superintendent for further action.

A report of a bulldozer working in section 26 east of Devil's Garden was investigated on the 23rd. It turned out to be working in section 25 almost a half mile from the Monument boundary.

The area Ranger Manual, which will consist of 19 parts, was started on the 16th. Four of the parts have been completed.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
ARCHES-NATURAL BRIDGES NATIONAL MONUMENTS  
MOAB, UTAH

IN REPLY REFER TO:

A2831

March 1, 1963

Memorandum

To: Superintendent

From: Chief Park Ranger

Subject: Monthly Narrative Report for February 1963

General.

Weather Conditions: After a very cold January the near average weather for February was a welcome experience. Precipitation was recorded on 6 separate days and traces of snow fell twice during the month. A summary follows:

<u>February</u>	<u>1963</u>	<u>1962</u>	<u>Normals</u>
Maximum Temperatures	64°	75°	63.6°
Minimum Temperatures	16°	15°	18.4°
Mean Temperatures	42.3°	41.6°	40.0°
Precipitation	.45"	1.26"	0.77"
Snow Fall	Trace	2.5"	0.17"
Maximum Depth	Trace	1.2"	0.17"

Travel: Travel to Arches was about 45% behind last February until the Washington's Birthday Weekend when 878 visitors were recorded, bringing the monthly travel to within 2.57% of last year.

Travel to Natural Bridges increased considerable over last February due mainly to better weather and road conditions.

ARCHES

<u>Feb.</u>	<u>Visits</u>	<u>Variation</u>	<u>Cumulative</u>	<u>Variation</u>	<u>Campers</u>
1963	2,553		3,608		23
1962	2,610	-2.57%	4,290	-13.57%	4

NATURAL BRIDGES

1963	117		197		0
1962	16	+631.2%	214	-7.91%	0

Miscellaneous: Superintendent and Mrs. Wilson's oldest daughter, Julie was married to Mr. Phillip Kent Burton of Los Angeles, California, on Washington's Birthday.

Misses Susan Ferris and Cindy Wilson were selected 9th grade Honor Students by the Grand County High School in Moab.

#### Administration.

Personnel: The Chief Ranger attended the National Park Service Supervisory Training Course at Grand Canyon, March 4 - 8.

We received notice of the promotion of Bervil R. Rose from Caretaker to Maintenance man on the 11th.

#### Conservation, Interpretation and Use.

Protection: The entryway into Lower Courthouse Wash was blocked again on the 21st following the removal of previously placed barricade rocks.

Two trips were made to Natural Bridges pertaining to protective matters.

Two early morning and three late road patrols were made during the month. Two warnings were issued for speeding and wreckless driving, one party was apprehended and cautioned for collecting rocks and a party of four teen-agers was apprehended for beer drinking and littering.

A "Slow" sign was erected on the curve at the top of Whoa Hill.

The Monument Imprest funds were audited by Ranger Ferris on the 18th.

Forest Fire Protection: A roadside fire near the Natural Bridges entrance road was suppressed by Ranger Mulhern on the 27th.

Insects and Tree Diseases: Random surveys of insect infestations in the Devil's Garden Control Unit were made on the 18th and 18th. Some 30 trees have been marked for treatment.

Building Fire Protection: Due to frozen water mains the two fire hydrants located in the utility and shop area have been out of use throughout the month. The thread conversion of our 1½" fire hose is 50% complete.

Maintenance: Broken water mains in the Utility and Shop area and failure of the water supply pump, both occurring on the 3rd, created a very busy month for maintenance personnel. The pump was pulled for repairs on the 13th. The water supply to the Utility area has not been restored. Water was hauled from Moab to the old storage tanks throughout the month.

Safety and Health: February was another accident free month.

Several cases of measles made the rounds among Monument personnel during the month.

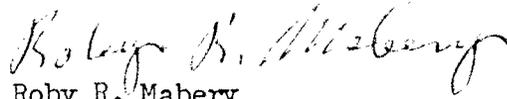
Four, two-hour rescue classes were conducted for monument personnel and rescue team members during the month.

Resource Planning.

Cooperation with Other Agencies: Assistance was given to Landscape Architect Norm Waagen, BLM, in safety planning and development at Hatch Point on the 21st.

Public Affairs.

General Publicity: Contracts and work on the Devil's Garden road and boundary fence and the promotions of Ranger Mabery and Maintenance-man Rose received coverage by the local press and radio.

  
Roby R. Mabery  
Chief Park Ranger



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

ARCHES-NATURAL BRIDGES NATIONAL MONUMENTS  
MOAB, UTAH

A 2831

April 4, 1963

Memorandum

To: Superintendent

From: Chief Park Ranger

Subject: Monthly Narrative Report for March 1963

General.

Weather Conditions: March weather came in like a lion with high winds and unseasonably cold temperatures. Below freezing temperatures were recorded on 16 of the 31 days. Precipitation was recorded on 6 separate days with snow flurries on the 1st, 3rd, 4th and 12th. High winds, recorded at 85 mph in Moab, blew down several signs and over-turned the large pit toilet at the Devil's Garden. A summary follows:

<u>March</u>	<u>1963</u>	<u>1962</u>	<u>Normals</u>
Maximum Temperatures	76°	78°	79.3°
Minimum Temperatures	20°	17°	26.2°
Mean Temperatures	46.2°	43.8°	48.0°
Precipitation	0.62"	0.15"	0.88"
Snow Fall	0.5"	Trace	0
Maximum Depth	Trace	Trace	0

Travel: Arches monthly travel is 17.9% behind last March while camper use is up 49%. Trail use was recorded as follows: Delicate Arch, 151; Landscape Arch, 69; and Double O Arch, 27.

Visitor use at Natural Bridges increased 5.6% over March 1962.

ARCHES

<u>Mar.</u>	<u>Visits</u>	<u>Variation</u>	<u>Cumulative</u>	<u>Variation</u>	<u>Campers</u>
1963	3,499		7,107		146
1962	4,263	-17.9%	8,553	-16.9%	98

NATURAL BRIDGES

1963	170		367		0
1962	161	+ 5.6%	375	+ 3.2%	0

Miscellaneous: The Superintendent was elected to the Board of Directors of Utahns Inc. on March 4.

Ranger Mabery was elected Treasurer of the Southeastern Utah Society of Arts and Science on the 6th.

Joe Shoemaker was selected one of two Honor Students to represent the Grand County Junior High School at a two-day conference in Salt Lake City, March 30 and 31. The conference, held before some 300 Utah junior and senior high school students, was opened by Senator Moss. Subjects discussed were Youth Faces Drug, Alcohol and Tobacco Problems.

Operator General Harold J. Shoemaker attended the Civil Defense and Auxiliary Police Course at Camp Williams Police Academy on March 30 and 31, and received two completion certificates.

Administrative Assistant Yardic, Park Naturalist Canter and Ranger Mulhern joined the Moab Junior Chamber of Commerce on the 20th.

#### Administration.

Personnel: Messers Ferrol Gordon and Gary E. Laughter EOD Laborers on the 18th.

Final selections of seasonal personnel have been made and notifications mailed to applicants not selected.

A 3-hour training session in law enforcement was conducted for key personnel by Ranger Mulhern on the 8th.

#### Conservation, Interpretation and Use.

Protection: Four warnings, one for speeding, two for littering and one for driving off the established roads, were issued by ranger personnel during the month.

Four early morning and five late evening patrols were made during the month. Two trips were made to Natural Bridges pertaining to protective matters.

The Monument's imprest funds were audited by Ranger Ferris on the 19th. No discrepancies were discovered.

Forest Fire Protection: A new fire cache box has been constructed for Arches and placed on a stand provided in the southwest corner of the new utility yard to the left of the entrance. The old cache box will go to Natural Bridges. Hand tools for both monuments are in the process of being reconditioned.

Insects and Tree Diseases: Allotments of \$500.00 for Arches and \$950.00 for Natural Bridges were received on the 11th. (\$300.00 of the Bridges allotment was later withdrawn) Insect control work was started at Arches, with a 2-man crew, on the 18th. 85 trees were felled and treated at a total cost of about \$460.00.

Regional Chief, Park Forest and Wildlife Protection Bill James inspected the insect conditions at Arches on the 28th and at Natural Bridges on the 29th. It is planned to start a crew working at Natural Bridges on April 8th.

Building Fire Protection: The remainder of our 1½" fire hose was sent to the USFS in Pueblo, Colorado, for thread conversion, on the 7th but has not been returned to date.

Marvin Clever, Fire Chief, Moab, visited the Monument and went over our Building Fire Control Plan with the Chief Ranger on the 13th. The Plan has been completed and copies distributed to Arches personnel and sent to the Regional Office. A fire control training session, for Monument personnel and their families, was held on the 28th at which time the Fire Plan was discussed. The session was attended by Chief Forester Bill James of the Regional Office.

Mr. Dutch Gerhardt, Moab City Fire Department, made a practice run to Arches and went over the truck to hydrant hook-up with Ranger Ferris on the 30th.

Sanitation: The Arches ceptic tank was pumped and cleaned on the 27th.

Wildlife Activities: A great horned owl has been nesting in a crevice near Sand Dune Arch since the 10th. Cougar tracks were seen within the same area on the 10th.

Maintenance: The old water well at Arches was capped on the 12th.

The Monument dirt roads were closed due to muddy conditions on the 18th.

Ditches in the utility area, opened to repair water mains, were filled by maintenance personnel on the 12th and 26th as the contractor could not complete this phase of the job due to other commitments.

Safety and Health: Five members of the staff, Messers Canter, Ferris, Mulhern, Shoemaker, and Yardic, took the 10 hour Survival and Hunter Safety Training Course conducted by the Utah State Fish and Game.

Three 2-hour training sessions on survival and search & rescue were conducted by the Superintendent for staff members and the volunteer rescue team.

All Arches residents took the oral polio vaccine on March 2 and 3 as a part of the State drive to K.O. Polio.

Operator General Shoemaker took 24 hours sick leave on March 14 - 15 and 22.

Public Affairs.

Public Relations: Messers Yardic, Canter and Mulhern took part in the Moab Jay-Cee "Clean-up, fix-up" campaign on March 30 and 31.

  
Roby R. Mabery  
Chief Park Ranger



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

ARCHES-NATURAL BRIDGES NATIONAL MONUMENTS  
ROAD, UTAH

IN REPLY REFER TO:

A 2831

May 7, 1963

Memorandum

To: Superintendent

From: Chief Park Ranger

Subject: Monthly Narrative Report for April, 1963

General.

Weather Conditions: Below normal temperatures and precipitation with considerable cloudy skies and high winds characterized the weather pattern for the month. Natural Bridges received 2" of snowfall on the 17th and 18th. Snow also fell in the Windows area on the same two days. A summary follows:

<u>April</u>	<u>1963</u>	<u>1962</u>	<u>Normals</u>
Maximum Temperatures	83°	91°	87.0°
Minimum Temperatures	29°	32°	30.7°
Mean Temperatures	55.98°	59.0°	58.0°
Precipitation	.34"	.74"	.75"

Decrease in Travel: Adverse weather conditions may account for some of the decrease in travel and the change in the road intersection at Kayenta, Arizona could be another contributing factor. However, travel to and from the World's Fair last year caused a large increase which we should not expect to equal this year. A summary follows:

<u>Apr.</u>	<u>Visits</u>	<u>Variation</u>	<u>Cumulative</u>	<u>Variation</u>	<u>Campers</u>
<u>ARCHES</u>					
1963	9,604		16,771		641
1962	11,313	-14.6%	12,266	-15.5%	587
<u>NATURAL BRIDGES</u>					
1963	694		1,061		51
1962	794	-12.6%	1,169	-9.2%	9

At Arches 251 Visitors in 82 cars attended the Easter Sunrise Services at the Courthouse Towers overlook as compared to 276 in 89 cars last year.

Miscellaneous: The Establishment Day program planned for April 12 was finally canceled after two postponements due to adverse weather conditions.

Administration.

Personnel: Ranger Mulhern took 40 hours of Annual Leave, April 9 - 14 inclusive.

Dean J. Hammer, Park Ranger, IOS-4, WAE, EOD April 7.

Laborers Carl Davis and Arthur Stafford EOD Natural Bridges April 8. Mr. Stafford terminated COB April 12 and Mr. Davis on the 26th.

Laborer Gary E. Laughter was reassigned from Arches to Natural Bridges effective April 8.

Conservation, Interpretation and Use.

Protection: Cattle totaling 51 in number have been observed on the Monument on 8 different occasions. Owners have been notified and the cattle removed 3 times during the month.

On the 13th a boy scout, Gary Marza, age 13, Price, Utah, became stranded on a high ledge in the Devil's Garden area requiring 10 man hours and the use of specialized equipment and techniques to rescue him.

Five warnings were issued during the month for infractions of Park rules and regulations.

Two trips were made to Natural Bridges pertaining to protection matters.

Forest Fire Protection: Rangers Mabery and Mulhern attended an Inter Agency Forest Fire Conference in Grand Junction, Colorado on April 22 - 23 & 24. The conference, hosted by the BLM was well planned and all subjects were well presented.

A small fire was extinguished in the Devil's Garden area by Ranger Ferris on the 14th.

Insects and Tree Diseases: Insect control work for Ips Lecontei beetles was started at Natural Bridges on the 8th and continued until funds were exhausted on the 26th. Some 110 trees were felled and treated at a total cost of about \$650.00.

Fiftyone young aspens and cottonwoods around the Arches Visitor Center were treated for miller rot. Twenty-eight aspens and cottonwoods at the Arches Headquarters area were pruned and treated for tent catapillar attacks.

Building Fire Protection: The thread conversion of fire hose has been completed. Six new lengths of fire hose has been ordered in order to give better coverage of the area. Three more lengths are needed and will be purchased as soon as funds are available.

Sanitation: The pit toilets at Natural Bridges were pumped and cleaned on the 17th.

Maintenance: The electric generator at Natural Bridges was repaired after a breakdown on the 16th.

Two new house trailers arrived on the 2nd and were repainted the prescribed color on the 10th to the 16th.

A Furgensen frontend loader and blade was received on the 19th and has been readied for use.

A pre-fab cabin is in the process of being erected at Natural Bridges as a summer living quarters for the laborer.

Trimming and repairing road shoulders was carried on during the month using 105 yards of shale.

Safety and Health: One minor accident occurred when a pickup camper ran off the dirt road in Salt Valley on the 6th. There were no injuries.

#### Resource Planning.

Cooperation With Other Agencies: Ranger Ferris assisted the BLM, USFS and Utah State Fish and Game in a big game survey in the La Sal Mtn. area on the 22nd and 23rd.

Ranger Mabery assisted at a Inter Agency Forest Fire Training Conference at Grand Junction, Colorado on the 23rd.

Roby R. Mabery  
Chief Park Ranger



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
ARCHES-NATURAL BRIDGES NATIONAL MONUMENTS  
MOAB, UTAH

IN REPLY REFER TO:

A 2831

June 7, 1963

Memorandum

To: Superintendent

From: Chief Park Ranger

Subject: Monthly Narrative Report for May 1963

General

Weather Conditions: Considerably high winds prevailed throughout the month. It was one of the driest Mays on record with night time temperatures somewhat above normal. A summary follows:

<u>May</u>	<u>1963</u>	<u>1962</u>	<u>Normals</u>
Maximum Temperatures	92°	91°	93.5°
Minimum Temperatures	40°	35°	37.5°
Mean Temperatures	76.7°	65.6°	64.3°
Precipitation	Trace 24th	.08"	.72"

Increase in Travel: Arches & Natural Bridges travel increased 36.1% & 35.5% respectively over May 1962. Most of the Arches increase occurred during the last week of the month. Campers use increased 81.2% at Arches & 271.8% at Natural Bridges. A summary follows:

<u>May</u>	<u>Visits</u>	<u>Variation</u>	<u>Cumulative</u>	<u>Variation</u>	<u>Campers</u>
<u>ARCHES</u>					
1963	14,046		30,817		1,545
1962	10,316	+36.1%	30,182	+2.1%	852
<u>NATURAL BRIDGES</u>					
<del>1963</del>	1,123		2,187		145
1962	829	+35.5%	1,998	+9.3%	39

Special Activities: Ranger Mabery represented the Service at a Chamber of Commerce meeting in Moab on May 21 at which time the Canyonlands proposal was discussed by Representative Sherman Lloyd. A special report was submitted to the Regional Office.

Regional Forester E. H. Lampi inspected forest conditions with Ranger Ferris on the 7th.

Mr. Owen W. Morris, Branch of Predator & Rodent Control, U.S. Fish & Wildlife Service Salt Lake City, visited Arches on the 23rd to inspect the porcupine damage.

#### Administration

Personnel: Ranger Mulhern is scheduled for 15 days of military training with the Army Reserves, June 1-15

Safety and Health: Ranger Mabery was on sick leave due to a back ailment, May 6-10. Ranger Mulhern took 8 hours of sick leave on the 23rd.

There was one minor motor vehicle accident of less than \$25.00 damages during the month. A special report has been placed on file.

Mrs. Shoemaker was admitted to the S.W. Allen Hospital on May 24 and transferred to Grand Junction May 31

#### Conservation Interpretation & Use

Protection: Eight warnings were issued during the month. Three were for speeding, one for prospecting by helicopter and others for writing on fins, collecting rocks etc. A special report was submitted to the Regional Office concerning the helicopter incident.

The Monument imprest funds were audited on the 22nd.

Three trips were made to Natural Bridges by protective personnel during the month.

On the 10th some 200 local boy scouts assisted in a cleanup program at Arches. Old abandoned roadways were obliterated names removed from fins and other natural features and several loads of debris were picked up.

Insect & Tree Diseases: What appears to be scale insect infestation is prevalent at both monuments. Samples were collected at Arches and sent to the Lab at the Intermountain Region U.S. Forest Service Ogden for identification.

The Ips beetle conditions at Arches appears to be good. A few scattered infestations at Natural Bridges are still in evidence.

Building Fire Prevention: Six lengths of new 1½ inch fire hose has been received for Arches.

A building fire training session was held on the 17th at which an old privy was burned. (see photo attached)

A new extinguisher was placed in the pre-fab cabin for use by the laborer at Natural Bridges.

Maintenance: The pre-fab cabin at Natural Bridges has been erected painted and readied for occupancy. A concentrated sign program has carried on at Arches in an effort to get a new road guide into effect.

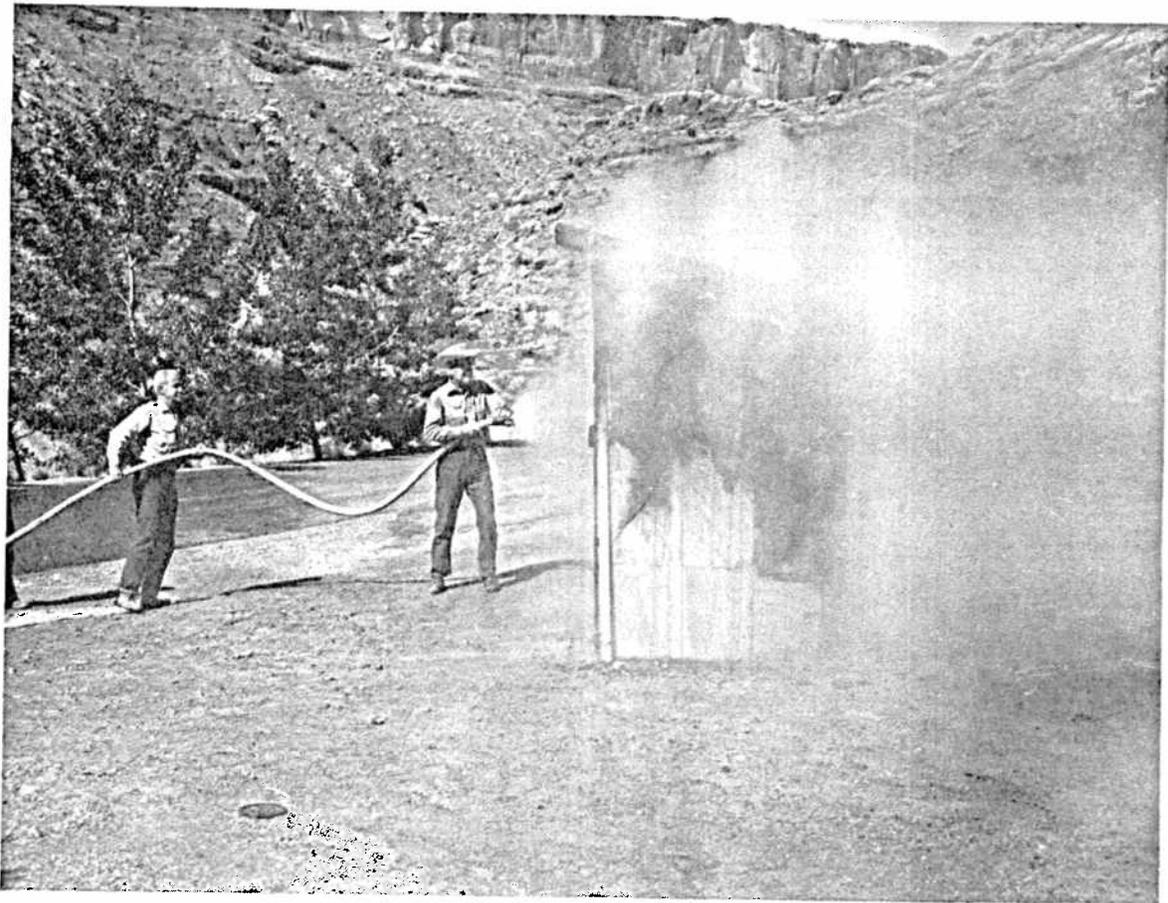
#### Resource Planning

Proposed Park Areas: B.L.M. personnel report some 900 cars registered at Cave Springs since Jan. 1 200 of these visited the on Memorial day.

#### Public Affairs

Public Relations: Protection Personnel presented two slide talks at Chamber of Commerce meetings in Moab during the month.

Roby R. Mabery  
Chief Park Ranger



#### BUILDING FIRE TRAINING

On May 17, 1963 a building fire training session was held at Arches National Monument. The entire permanent staff attended. An old privy was used for the problem when materials inside the building were set afire. The problem was to open the door and extinguish the burning materials as quickly as possible and with a minimum of water.

The process was repeated several times, giving several teams or combinations of personnel a turn at fire fighting.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
ARCHES & NATURAL BRIDGES NATIONAL MONUMENTS  
MOAB, UTAH

IN REPLY REFER TO:

A 2831

July 1, 1963

Memorandum

To: Superintendent

From: Chief Park Ranger

Subject: Monthly Narrative Report for June 1963

General

Weather Conditions: High winds continued through the month, with very little precipitation. A summary follows:

<u>June</u>	<u>1963</u>	<u>1962</u>	<u>Normals</u>
Maximum Temperatures	101°	103°	103.4°
Minimum Temperatures	49°	47°	47.0°
Mean Temperatures	76.9°	74.5°	72.5°
Precipitation	0.22"	1.35"	.43"

Increase in Travel: Arches & Natural Bridges increased 35.7% and 48.8% respectively over June 1962. A summary follows:

<u>June</u>	<u>Visits</u>	<u>Variation</u>	<u>Cumulative</u>	<u>Variation</u>	<u>Campers</u>
<u>ARCHES</u>					
<del>1963</del>	19,632		50,449		1,733
1962	14,464	+35.7%	44,646	+12.9%	1,601
<u>NATURAL BRIDGES</u>					
1963	2,387		4,571		257
1962	1,604	+48.8%	3,602	+26.9%	164

### Administration

Personnel: Ranger Mulhern spent the first two weeks training with the Army Reserve. Seasonal Ranger Farnsworth reported for duty on the 2nd and our newest addition to the ranger force, Dean Hammer a Moab school-teacher, started June 7th. Maurice Powers started on June 5th as Ranger-in-Charge at Natural Bridges. Mel Olsen Seasonal Laborer started June 5th.

Safety & Health: One visitor fell from a fin suffering a back injury; a special report has been submitted. At Natural Bridges a new and safer trail has been started to Kachina from the parking area. The old trails will be eliminated.

### Conservation Interpretation & Use

Protection: We are now patrolling nights during the week as well as on week-ends, and have increased the number of early morning patrols. Several warnings were issued: two for littering one for picking a wildflower, and one for reckless driving. Ranger Mulhern removed initials painted on a rock and visible from highway 160

Insect & Tree Diseases: The Forest Insect and Disease Suppression Accomplishment report was completed and sent to the Regional Office.

Building Fire Protection: The annual building fire inspection was made by Supv. Park Ranger Ferris at Arches and Ranger-in Charge Powers at Natural Bridges. Six new lengths of hose were installed in the hose houses.

Sanitation: One new pit toilet was added to the campground at the Balanced Rock.

Wildlife: A spotted fawn was seen lying quietly under a juniper on the way in to the Fiery Furnace. At Natural Bridges there are more deer than usual because of very dry weather: the deer are seeking water in the canyons.

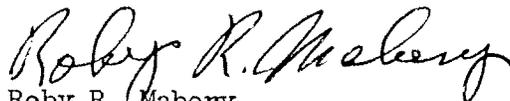
Maintenance: The road to Devil's Garden has been closed several times due to construction of the new road in that area. The camp ground at Balanced Rock has been enlarged to handle the people unable to camp in the reduced area at Devil's Garden. The water tank at Balanced Rock has been moved to accommodate the increased number of campers there. The black top in the Utility Area and behind the Visitor Center, which was torn up last winter due to frozen pipes was replaced. Trail work was done near Sipapu at Natural Bridges.

#### REsource Planning

Cooperation with other Agencies: The State Highway Department put up two monument signs on highway 160 to aid the travelling public.

#### Public Affairs

Public Relations: Protection personnel presented one slide talk to the public at the Chamber of Commerce program in Moab.

  
Roby R. Mabery  
Chief Park Ranger



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

ARCHES & NATURAL BRIDGES NATIONAL MONUMENTS  
MOAB, UTAH

IN REPLY REFER TO:

A 2831

August 1, 1963

Memorandum

To: Superintendent

From: Chief Park Ranger

Subject: Monthly Narrative Report for July 1963

General

Weather Conditions: Temperatures were very high with eleven days reaching 100 degrees or over. The high was 109. The all time high for July was 111 degrees. Total precipitation was 1.79 inches, most of which fell in flash floods on the 9th and the 21st. The flood of the 9th hit Natural Bridges too. A summary follows:

<u>July</u>	<u>1963</u>	<u>1962</u>	<u>Normals</u>
Maximum Temperatures	109°	103°	104.7°
Minimum Temperatures	61°	51°	53.7°
Mean	82.9°	79.2°	78.7°
Precipitation	1.79"	.45"	.81"

Increase in Travel: There was a slight increase in visitation for both monuments, but a drop of 57 per-cent in campers at Natural Bridges. A summary follows:

<u>July</u>	<u>Visits</u>	<u>Variation</u>	<u>Cumulative</u>	<u>Variation</u>	<u>Campers</u>
<u>ARCHES</u>					
1963	16,920		67,369		1,564
1962	15,634	+8.2%	60,280	+11.9%	1,638
<u>NATURAL BRIDGES</u>					
1963	1,840		6,411		176
1962	1,782	+3.25%	5,384	+19.1%	409

Visitors: On the 25th Darrel K. Burget a Seasonal Ranger at Bryce Canyon visited the Monument.

#### ADMINISTRATION

Personnel: Ranger Ferris was on annual leave from the 10th through the 19th.

Safety & Health: A two hour orientation class for WODC personell was held on the 11th by Chief Ranger Mabery, which emphasised the subject of safety. An accident occurred on the 30th between a road constructor and an employee of the Civil Service Commission, driving a government car. On the 18th a BPR employee received a bad cut on his hand while using the shop table saw; special reports have been submitted.

Two booklets "FIRE" and "WHAT EVERYONE SHOULD KNOW ABOUT FIRST AID" were issued to all employees on the 22nd. Alterations were made on the ladder trail at Natural Bridges, which was considered unsafe. See attached photo's.

#### CONSERVATION INTERPRETATION & USE

Protection: The monument imprest funds were audited on the 2nd. "No Fire-Works" signs were put up for the 4th and left up through the week-end. Heavy rainfall on the 8th caught four cars on the dirt roads and they had to be pulled out. A flash flood on the 9th moved boulders on part of the dirt road causing a temporary hazard. An emergency message was delivered on the 16th and another on the 17th. On the 19th a lesson in Rock climbing was given to the seasonals by Chief Ranger Mabery. On the 21st another flash flood caused another stuck car, which was pulled out by protection personell. Several warnings were given to speeders during the month.

Insect & Tree Diseases: A survey was made of the insect damage at Arches and Natural Bridges for the annual detection report which is being submitted.

Building Fire Protection: Work was begun in replacing the hose house hinges with larger hinges since the present ones have proven too weak. A training session was held on salvage operations on the 1st of the month.

Wildlife: A chuckar Partridge hen with 9 young was seen at Turnbow Cabin on the 2nd of July. One deer was killed on the highway near the monument. Many snakes have been seen on the road during night patrol including rattlesnakes. Judging from casual observations, it seems that the rattlesnakes population is on the upswing as more were seen last summer than the preceeding and more this than last.

Maintenance: A new loader arrived on the 22nd and a new road grader arrived on the 26th. A new phone was installed in the Visitor Center and hooked up as an intercom unit between the Chief Ranger's desk and the Superintendent's on the 5th. At Natural Bridges the lower part of the new trail utilizes the northeast side of Armstrong Canyon and will be available from the new spur road. Some excess material from Natural Bridges was moved to Arches. Campground facilities were expanded at Natural Bridges and a new campground road constructed. Wiring leading to the store room has been repaired.

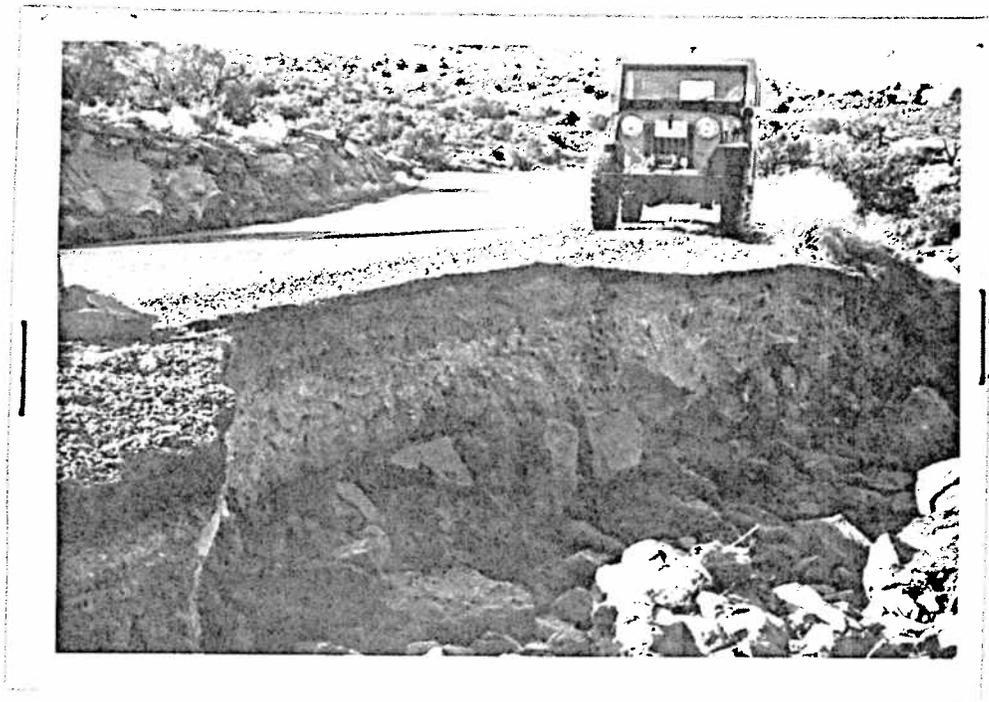
#### RESOURCE PLANNING

Cooperation with other Agencies: On the 28th Rangers Mabery and Mulhern assisted the local Sheriff's office in the rescue of a Mr. Hugh Smith of Camp Verde, Arizona who was trapped on a ledge at the 11,000 foot level in the La Sal Mountains. The report was received at 3:00 pm., the victim was reached at 4:55 and the rescue was completed at 6:00 pm.

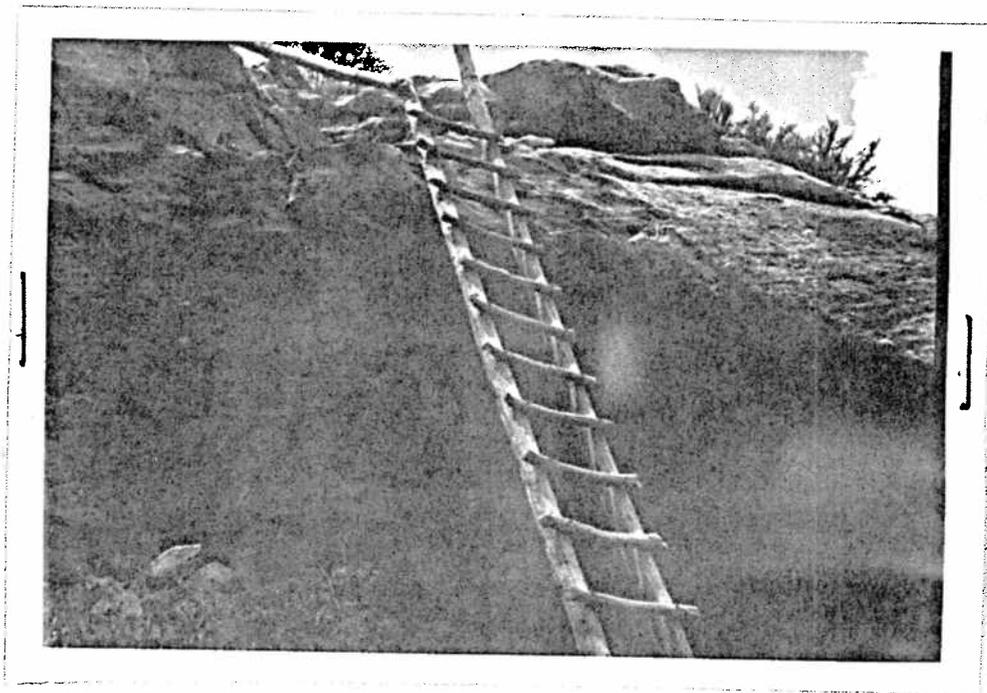
#### PUBLIC AFFAIRS

General Publicity: The local newspaper has commented favorably on the speed of construction of the new road to the Devil's Garden.

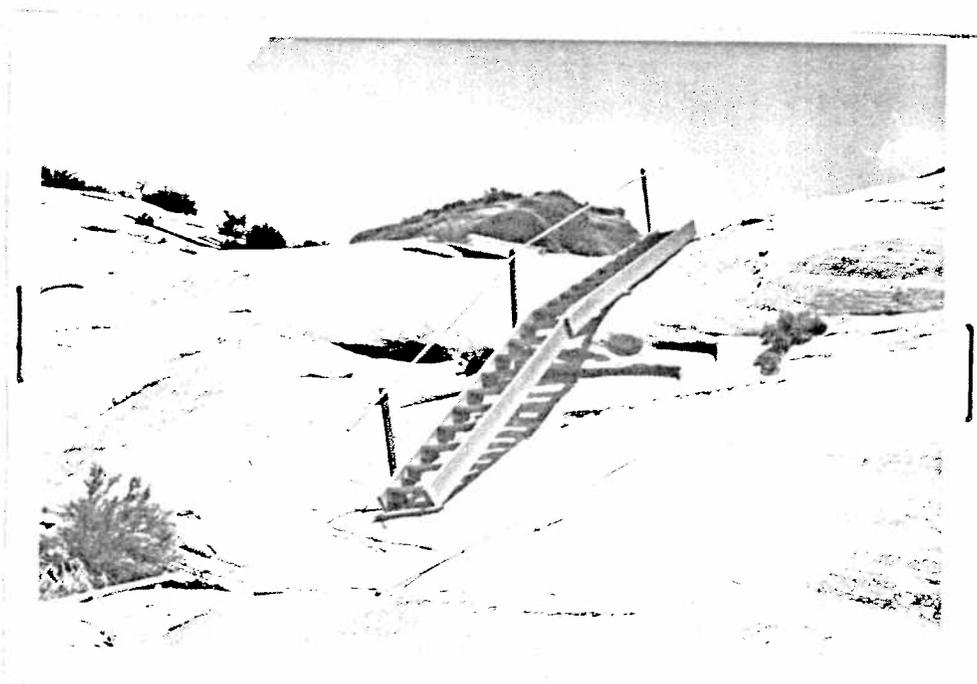
Roby R. Mabery  
Chief Park Ranger



Road damage caused by flash floods on August 9 and 21. Damage shown here is along the Monument road between Headquarters and Park Avenue. Considerable damage to roads and grounds was also caused in the headquarters area.



At Natural Bridges several old ladders, such as the one above, on the Kachina Bridge trail were eliminated and replaced by one set of steps, 40' long, (shown below) by altering the trail alignment.





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
ARCHES & NATURAL BRIDGES NATIONAL MONUMENTS  
MOAB, UTAH

IN REPLY REFER TO:

A 2831

September 3, 1963

Memorandum

To: Superintendent  
From: Chief Park Ranger  
Subject: Monthly Narrative Report for August 1963

General

Weather Conditions: August was considerably cooler than July with 101 the highest and only three days 100 or over. On the 8th a severe lightning storm occurred in the Courthouse Towers section stopping traffic for awhile. On the 30th a very heavy rainfall prevented the use of the dirt roads. A summary follows:

	<u>August</u>	<u>1963</u>	<u>1962</u>	<u>Normals</u>
Maximum Temperatures		101°	106°	101.8°
Minimum Temperatures		57°	48°	53.0°
Mo Mean		81.5°	80.5°	80.2°
Precipitation		1.36"	0.	.87"

Increase in Travel: There was an increase in visitation and an increase in numbers of campers for both monuments. The increase in campers at Natural Bridges was negligible.

<u>August</u>	<u>Visits</u>	<u>Variation</u>	<u>Cumulative</u>	<u>Variation</u>	<u>Campers</u>
<u>ARCHES</u>					
<del>1963</del>	19,956		87,325		2,020
1962	16,821	+18.6%	77,101	+15.8%	1,710
<u>NATURAL BRIDGES</u>					
1963	2,051		8,462		265
1962	1,559	+31.5%	6,943	+21.9%	259

Visitors: The following visited Arches during the month: Mr. William Stoughton, Ranger Naturalist, Grand Canyon, Mr. & Mrs. Madden of Casa-Grande, Keith A. Trexler, Chief Park Naturalist, Lehman Caves, Richard Howard, <sup>W</sup>estern Museum Lab.

#### Administration

Personnel: On the 22nd Dean Hammer returned to his teaching job in Moab. Dean will work week-ends on the W.A.E. account. Maury Powers left Natural Bridges on the 21st; his last day was the 20th. Ferrol Gordon seasonal maintenance man resigned on the 22nd.

Safety and Health: Seasonal Ranger Dean Hammer gave a training class in shop safety on the 1st. On that date there was also a rescue training session. Lightening disrupted telephone communications on the 2nd. There were three personal injuries during the month, only one requiring medical attention. On the 8th and 9th due to storks rocks and washouts obstructed the roads. Safety posters were placed in the Visitor Center and at the spop on the 14th. On the 18th began Black Widow Spider week during which all personnel were asked to help by spraying their residences; some spraying still remains to be done. Another car was pulled from the sand by rangers on the 23rd. Previously several had been helped on the 5th. There was a Safety meeting on the 28th, with all permanent and seasonal personnel present. Minutes of the meeting are attached. On the 30th John Sims a construction worker was involved in a one car accident near S. Park Avenue. On the 30th Mr. Robert L. Walker of 993 Dale St. in Pasadena, California, and his family were attacked by a bat. They killed the bat and reported the incident. At our suggestion the bat was taken to the local veterinarian, who sent it to the lab for analysis. At this writing it is known that the bat is rabid and steps are being taken to notify the Walkers. None of the family was bitten but their dog might have been. The dog had been inoculated.

#### Conservation Interpretation & Use

Protection: On the 5th six cars were stranded due to rains, which made the dirt road impassible. On the 8th we investigated the theft of a gear shift knob from our new road grader and found it in possession of one of the construction workers. On the 10th Mabery and Ferris made a trip to Natural Bridges. On the 9th ranger Mulhern pulled a car stuck near La Sal View Point. On the 12th a search was conducted in the Devils Garden for two lost children, who returned to camp unaided shortly after it began. On the 13th a temporary rerouting of traffic on the new road necessitated the replacing of signs. On the 13th ranger Mulhern pulled out a car stuck near the old highway. Litter Bug posters were put up on the 28th.

This summer has been noticeably free of vandalism. We attribute this to more late and early morning patrols.

At Natural Bridges on two occasions it was necessary to inform people that camping was permitted only in the camp grounds. On the 11th two boys ages 19 & 21 were rescued after dark from Armstrong Canyon. On the 17th four boy scouts were rescued from the same canyon. This rescue required the use of ropes. A death message was delivered on the 15th.

Interpretive Services: At Natural Bridges work on the new trail to Kachina was completed. Doctors Woodbury, Welch, Moore and Powers spent about a week investigating the natural history and geology of the area for information that will be used in Interpretive Planning.

Building Fire Protection: The work begun in July was completed and there are now larger and stronger hinges on all hose houses. In addition all of the doors received a fresh coat of paint. Ranger Mulhern inspected all fire extinguishers on the monument.

Wildlife: Ranger Mulhern saw thirteen Chuckars at the junction of Winter Camp and Cache Valley roads on the 8th/ On the 23rd a visitor reported seeing a Mountain Lion in the Devils Garden.

Maintenance: The dirt roads were bladed several times and several sections were filled. The trail to S. Park Avenue overlook was oiled & gravelled. Repairs were made on the Delicate Arch road and Devils Garden trails. A splash wall to curtail erosion was put in the wash behind the Mabery residence.

At Natural Bridges a new fuel pump was installed in the pick up and its rear end was repaired. The generator required new brushes and was hooked up to a switch in Gary Laughter's residence. Work was done on the new campground and on the entrance road and on the nature trail.

#### Public Affairs

Public Relations: All of the Park areas in San Juan County were represented at the county fair. W. Frank Wallace from Hovenweep and Seasonal ranger Powers from Natural Bridges represented their areas. They were helped by Chief Ranger Mabery and ranger mulhern of Arches. The theme of the exhibit was the Park Service in San Juan County.

All monument personnel contributed to the disaster fund for the families of the victims of the Potash mine explosion of the 21st. Ranger Mabery and his wife ranger Ferris and Administrative Assistant Yardic helped with the fund drive, which was conducted by the Moab Jaycees.

Roby R. Mabery  
Chief Park Ranger



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
ARCHES & NATURAL BRIDGES NATIONAL MONUMENTS

IN REPLY REFER TO:

A 2831

October 2, 1963

Memorandum

To: Superintendent

From: Chief Park Ranger

Subject: Monthly Narrative Report for September 1963

General

Weather Conditions: This was a somewhat drier September than usual with .64 inches. In 1961 and again in 1962 over two inches of rain fell. A summary follows:

<u>September</u>	<u>1963</u>	<u>1962</u>	<u>Normals</u>
Maximum Temperatures	96.0°	100.0°	97.0°
Minimum Temperatures	45.0°	38.0°	38.5°
Mean	71.3°	71.6°	67.4°
Precipitation	.64"	2.24"	.98"

Travel: Travel increased at Arches and decreased at Natural Bridges. A summary follows:

<u>September</u>	<u>Visits</u>	<u>Variation</u>	<u>Cumulative</u>	<u>Variation</u>	<u>Campers</u>
<u>ARCHES</u>					
1963	13,281		100,606		912
1962	12,686	+4.7%	89,787	+12.2%	1,127
<u>NATURAL BRIDGES</u>					
1963	936		9,398		122
1962	1,478	-36.6%	8,421	+11.6%	171

Trail use was recorded as follows:

<u>Trail</u>	<u>September</u>	<u>Cumulative</u>
Delicate Arch	665	3,644
Landscape Arch	512	3,973
Double O Arch	144	1,223

Special Activities: On the 17th there was a pre-construction conference with members of Earl Troop Construction Company, contractors for construction of the new campground. Rangers Ferris and Mabery attended.

#### Administration

Personnel: Ranger Mulhern was promoted from G.S. 5 to G.S. 7 effective September 15th. On the 22nd Ranger Mulhern assumed the duties of Park Naturalist; he will continue in this capacity until Naturalist Stan Canter returns from the interpretive training session at Harpers Ferry.

Safety and Health: A rabid fox was captured on the 12th after an incident with the employee children, during which two of them were almost bitten. A report has been submitted to the regional office. In nearby Moab a boy was bitten by a rabid squirrel and is receiving treatment to prevent rabies.

#### Conservation Interpretation & Use

Protection: On the 2nd two visitors hunting arrowheads were told of the restrictions concerning this activity and the reasons for them.

Warning signs were put up on the monument to inform visitors of the danger of rabid bats. This was a result of the bat incident of late August.

On the 20th Ranger Mulhern aided a visitor with car trouble.

At 11:30 P.M. on the 21st Ranger Mulhern apprehended three boys with loaded firearms out of their car in the Windows section of the monument. Prosecution is awaiting investigation of the legal avenues open to us.

Due to termination of our seasonals and continued visitor use protective duties have required about 20 hours of contributed time during the month.

On the 23rd a cat lost by a family from Lubbock, Texas and live-trapped by rangers was shipped air-freight to them.

On the 24th Rangers Mabery and Ferris joined Superintendent Wilson, Hoyt Wilcox, Landscape Architect, Neil Grunigen Supv. Highway Engineer from WODC and Volney Westley, Chief, Branch of Operational Plans and Requirements from the Regional Office at Natural Bridges where they were studying the proposed new loop road. The trip was made to acquaint Ranger Ferris with the area over which the new approach will be built.

Forest Fire Protection: One small Class A fire started by lightning ~~by-lighten~~ at Natural Bridges was extinguished.

Wildlife: Three deer-pellet study transects were put in using the Utah Game & Fish Department's system. These consist of a series of 80 circular plots one chain apart. Each plot covers approximately 100 sq. ft. The number of pellet groups in each transect is multiplied by a computed factor to find deer-days use per acre. Two other transects will be made as soon as possible. This should give us more factual information about deer on the monument than would an educated guess based on casual observation.

Maintenance: The repaired water truck was returned on the 10th and broke down again on the 11th after being driven 8 miles. The following day it went back to P & K Ford for further repairs.

Much work was done on trails and on roads including installation of a culvert on the windows road. The gas tank was dug up and removed from the old utility area.

#### Resource Planning

Proposed Park Areas: On the 10th Superintendent Wilson and Ranger Mulhern went into the proposed Canyonlands with Charles Steen Regional Archeologist, Norman Herkenham Regional Park Planner, Melvin Aikens, Curator of Museum of Anthropology, University of Utah and Mitch Williams of Moab. On the 18th Chief Ranger Mabery accompanied Mel Aikens into the Needles area.

#### Public Affairs

General Publicity: On the 26th Chief Ranger Mabery showed the Canyonlands film to the Utah Motel Association, which held its convention in Moab this year.

Robert J. Ferris  
Supv. Park Ranger



TATES  
THE INTERIOR  
K SERVICE  
S NATIONAL MONUMENTS

IN REPLY REFER TO:

A 2831

, 1963

Memorandum

To:

From:

Subject: rt for October 1963

Weather Conditions: October was a pleasant month with many clear, crisp, typically fall days. A summary follows:

<u>October</u>	<u>1963</u>	<u>1962</u>	<u>Normals</u>
Maximum Temperatures	92°	88°	85.5°
Minimum Temperatures	34°	34°	30.0°
Mean	62.77°	60.1°	54.9°
Precipitation	.92"	.76"	.99"

Travel: Arches travel decreased and Bridges increased, an about face from the situation last month. A possible reason for the drop at Arches is the heavier than usual traffic last year due to people returning from the Seattle World's Fair. A summary follows:

<u>October</u>	<u>Visits</u>	<u>Variation</u>	<u>Cumulative</u>	<u>Variation</u>	<u>Campers</u>
<u>ARCHES</u>					
1963	8,908		109,514		441
<del>196</del>					
1962	10,356	-13.9%	100,143	<del>-450-</del> +9.4%	450
<u>NABR</u>					
1963	1,037		10,435		72
1962	880	+17.8%	9,301	+12.2%	55

Trail use was recorded as follows:

<u>Trail</u>	<u>October</u>	<u>Cumulative</u>
Delicate Arch	381	4,025
Landscape Arch	362	4,335
Double O Arch	111	1,334

Visitors: On the 8th Stan Broman Regional Biologist visited Arches to discuss wildlife problems. On the 20th Frank Massland of the NPS Advisory Board stopped by on his way to a board meeting. Mr. and Mrs. Phil Hyde arrived at Arches on the 1st of October.

Special Activities: The Utah Retail Grocers Association had a steak fry at the Devils Garden on the 6th.

Superintendent Wilson left for Natural Bridges on the 29th to aid WODC personnell in laying out the loop road.

#### Administration

Personnell: John Miller a temporary employee of WODC and last year a seasonal at Black Canyon began work on or about the 28th. On the 12th Superintendent Wilson left for the Superintendent's Conference held at Yosemite.

Safety and Health: Mildred Shoemaker was taken to the Moab hospital on the 23rd and released on the 30th. She was quite ill with an unknown sickness, but seems to be doing nicely now.

We redeived notice from the Board of Health that the Bridges water supply had a high colli bacteria count. Arches personnell made a special trip there on the 23rd, cleaned the tank and increased the chlorine content of the water.

On the 7th a bat which appeared to be rabid was seen by Rangers in the Fiery Furnace.

#### Conservation Interpretation & Use

Protection: Prior to the hunting season which began on the 19th and extended throughout the month the boundary was checked and posted where signs were worn or too far apart. Before and during the hunting season it was announced periodically over the radio that we would spot check cars for firearms. On the 17th a memorandum was issued to the constructione companies and the BPR project Engineer informing them that we would inspect vehicles.

There were continual morning and evening patrols and many night patrols during the season. An estimated sixty hours were contributed by the ranger force during the hunting season.

On the 3rd Chief Ranger Mabery attended a police training session in Moab and on the 8th Mabery and Mulhern attended a meeting of the Four Corners Peace Officers Association

The three boys who were caught last month by Ranger Mulhern with loaded firearms were fined 50.00 each. They are Mike Woods, Gary Baker and Dewey Garrett

There were three trips to Bridges by protective personnell: on the 7th, the 23rd, and on the 30th. The last trip was to close down the monument.

One motorist was helped with a stuck car and another with a burned out taillight was issued a warning ticket.

Cattle are still straying into the Courthouse Wash area.

A landslide on the road above the Visitor Center which occurred on Sunday the 13th made it necessary to call out Operator General Harold Shoemaker to remove it. Rangers made temporary signs to aid the visitors find their way on the almost finished new road.

Wildlife: Stan Broman Regional Biologist conferred with us on the 8th about ways of trapping the rabid foxes and about the deer pellet study now underway.

Another pellet transect was put in in the Devil's Garden area. A regular monthly observation trip for deer was begun on the 28th just at daybreak. Seven does were counted between headquarters and the windows. A report on our wildlife studies will be submitted to Biologist Broman in the near future.

Wildlife observations for the month include three coyotes, one fox and a grebe captured during a heavy fog. The Grebe undoubtedly mistook either wet slick rock or the new road for a body of water and attempted a landing. Since they are unable to take off from land it floundered helplessly until found and captured by ranger personnell and released in the Colorado River.

Maintenance: Road surfaces were bladed and flooded washes were filled several times during the month. All vehicles were winterized and the Le Roy tractor compressor hose was repaired and a new water pump installed. The jeep winch was repaired.

Two trailers were moved in the headquarters area to make room for the construction of the new houses.

The trails were checked and culverts cleaned.

  
Roby R. Mabery  
Chief Park Ranger



UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 NATIONAL PARK SERVICE  
 ARCHES-NATURAL BRIDGES NATIONAL MONUMENTS  
 MOAB, UTAH

IN REPLY REFER TO:

A 2831

December 3, 1963

Memorandum

To: Superintendent  
 From: Chief Park Ranger  
 Subject: Monthly Narrative Report for November 1963

General

Weather Conditions: November this year was slightly cooler than that of 1962. Colder than October it was nevertheless an extension of pleasant fall weather. A summary follows.

<u>November</u>	<u>1963</u>	<u>1962</u>	<u>Normals</u>
Maximum Temperatures	71°	74°	68.7°
Minimum Temperatures	19°	26°	20.7°
Mean	47.2°	47.5°	41.5°
Precipitation	.16 <sup>2</sup>	.54"	.65"

Increase in Travel: There was a significant increase in the Arches travel figure for this month, due in part at least to the presence of movie personell in the Moab area from the 10th through the 23rd. A summary follows:

<u>November</u>	<u>Visits</u>	<u>Variation</u>	<u>Cumulative</u>	<u>Variation</u>	<u>Campers</u>
<u>ARCHES</u>					
1963	5,936		115,450		91
1962	3,485	+41.34%	103,628	+11.4%	47
<u>NABR</u>					
1963	937		11,372		11
1962	746	+25.6%	10,047	+13.2%	11

Trail use was recorded as follows:

<u>Trail</u>	<u>November</u>	<u>Cumulative</u>
Delicate Arch	215	4,240
Landscape Arch	164	4,499
Double O Arch	77	1,411

Visitors: 11/16-17 Regional Chief Park Forest & Wildlife Protection  
Robert J. Smith and Regional Forester Esli H. Lampi

Special Activities: On the 15th Esli Lampi and Bob Smith made a forest insect pest inspection at Natural Bridges. On the 18th they inspected building fire equipment at Arches.

On the 18th and 19th Warner Brothers were on location at the Park Avenue area filming a movie to be called "Cheyenne Autumn". The Director was John Ford and a number of Hollywood stars were present. This film is evidently based on the historic flight of the Cheyennes led by Chief Dull Knife.

Superintendent Wilson and Administrative Assistant Yardic guided Denver T.V. station KOA personnel into the Canyonlands area.

Brian Wittenkeller landscape architect WODC was here on the 26th and 27th for the final inspection of the new road.

#### Administration

Personnel: Slim Mabery and Bob Ferris took several days sick leave each, due to a virus that has been infecting people in the Moab area. Slim took three days annual leave along with the Thanksgiving holiday. Frank Farnsworth, Seasonal Ranger at Natural Bridges was furloughed on November 3.

Safety and Health: A new kind of flu is prevalent this year which doesn't succumb to antibiotics; monument personnel and their families have been afflicted in various degrees from a mild cough on through the sickness which kept Katrina Sh Shoemaker in the hospital from the 9th to the 24th.

The booklet "What Would You Do in These Emergencies",

was issued to each employee on the 5th.

In compliance with a Nov. 18 Memorandum from the Regional Naturalist, we are making a search for the Brown House Spider in the Headquarters area.

#### Conservation Interpretation & Use

Protection: The movie company working on the monument required a ranger with them constantly to advise them what was and wasn't permissible.

Several warnings were issued to speeding motorists.

Several motorists whose cars were stalled or stuck were assisted.

Ranger Mulhern made one early patrol between 4 and 5:30 A.M. to check on cars driving into the monument.

On one occasion several Indians were stopped from hauling fire-wood from the monument.

Insect and Tree Diseases: Six trees of approximately 9 inches in diameter infected with the Pinyon Pine Beetle were burned.

Wildlife: The attempts to trap foxes in the headquarters area because of the rabies scare, continued through the month.

On the 13th a Golden Eagle was observed both flying and sitting in Salt Valley.

Ten Chuckars were seen on the 12th at Salt Valley wash bridge.

Two wildlife reports were submitted to the regional office, one in reply to a November 5 memorandum from Acting Regional Director Miller requesting information.

Maintenance: Ditches were dug and barrier rocks laid in the Devils Garden area in preparation for the restricting of visitors cars to parking areas once the new campground is completed. The-ee

The cement floor and the foundation of the old utility building were broken and hauled away. The area was filled with dirt and leveled, and the old water water well was filled in with cement.

The fuel oil storage tank and the building were moved from the utility area on the old road to the new area.

The roads and trails were checked in the Devil's Garden area and ditches were cleaned of rock.

The black top on the older paved road was repaired with hot-mix. The crossing at Salt Wash was made passable by filling it with gravel. The chain saw was repaired.

Public Affairs

General Publicity: On the 19th radio station KURA interviewed Chief Ranger Mabery about the travel at Arches.

  
Roby R. Mabery  
Chief Park Ranger