



# Glen Canyon National Recreation Area Visitor Study

*Fall 2016*





**ON THIS PAGE**

Photograph of Lake Powell in Glen Canyon NRA  
Photograph courtesy of Glen Canyon NRA

**ON THE COVER**

Historic photograph of Lake Powell  
Photograph courtesy of Glen Canyon NRA

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# **Glen Canyon National Recreation Area Visitor Study**

*Fall 2016*

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The “Summer survey” in this report refers to the Socioeconomic Monitoring Pilot study conducted by RSG in collaboration with the Social Science Branch, National Park Service. The full report can also be requested via Natural Resource Publications Management system. The Summer survey report should be cited as:

Resource Systems Group (RSG). 2017. Glen Canyon National Recreation Area socioeconomic monitoring pilot implementation: Summer 2016. Natural Resource Report NPS/GLCA/NRR—2017/1520. National Park Service, Fort Collins, Colorado.

The results in this report include unweighted frequencies of the Fall survey. If applicable, Fall survey results were also compared with unweighted frequencies of the Summer survey.

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## Executive Summary

This visitor study profiles a systematic random sample of Glen Canyon National Recreation Area visitors between October 14 and October 23, 2016. A total of 1,561 questionnaires were distributed to visitor groups. Of those, 863 questionnaires were returned, resulting in a 55.3% response rate. The following results were from unweighted responses.

<b>Group size and type</b>	Fifty-one percent of visitor groups consisted of two people and 17% were visiting in groups of six or more. Sixty-four percent of visitor groups consisted of family groups.
<b>State or country of residence</b>	United States visitors were from 50 states and territories, and comprised 83% of total visitation during the survey period, with 27% from Utah. International visitors came from 27 different countries and comprised 16% of total visitation during the survey period.
<b>Number of visits</b>	For 69% of visitors, this was their first and only visit to the park in the past 12 months. Thirty-four percent of visitors have visited other National Parks sites between four and six times in the last 12 months.
<b>Age, ethnicity, race, and education level</b>	Twenty-two percent of visitors were 65 years old or older, 12% were 17 years old or younger, and 12% were between 56 and 60 years old. Fifty-three percent of visitors were male. Three percent of visitors identified as Hispanic or Latino. Ninety-two percent of visitors identified as White. Thirty percent of respondents reported having some college, business, or trade school education.
<b>Awareness of NPS management and rules/regulations</b>	Sixty-two percent of visitor groups were aware that the park is a unit of the National Park System. Eighty-two percent of visitors were aware prior to their visit, that writing/painting/carving your name or other graffiti on the rocks within Glen Canyon is illegal. Thirty-six percent learned during this visit that Lake Powell is infested with quagga mussels. Sixty-two percent learned about rules/regulations by reading signs.
<b>Sources of information</b>	Ninety-three percent of visitor groups obtained information about the park prior to their visit. Some of the most common sources of information obtained prior to their visit were previous visits (41%), friends/relatives/word of mouth (39%), park website (29%), and maps/brochures (19%). Ninety-one percent of visitors said they received the information about the park that they needed.

**Executive summary (continued)**

<b>Transportation and parking</b>	Seventy-five percent of visitor groups traveled to the park in a private vehicle. Seventy-seven percent of visitor groups arrived at the park in one vehicle. Ninety-five percent of visitor groups did not experience any parking problems. Fifty-one percent would be willing to ride a shuttle if they encountered parking problems.
<b>Length of stay and overnight accommodations</b>	Sixty percent of visitor groups visited the park on more than one day on this trip. Of those who visited on more than one day, 54% visited between two and three days. Of those who only visited on one day, 39% spent two to three hours visiting the park. Sixty-two percent of visitors stayed overnight away from home on this trip. The most common accommodations used included: lodging outside the park (33%), camping in developed campgrounds in the park (25%), and lodging inside the park (20%).
<b>Locations visited</b>	The most popular developed sites visited by groups on this trip were Horseshoe Bend (45%), Carl Hayden Visitor Center (41%), Wahweap (41%), Antelope Point (31%), Lone Rock (24%), and Lee's Ferry (23%).
<b>Activities this visit</b>	The most common activities visitor groups participated in on this visit included viewing wildlife, scenery, etc. (79%), walking/short hike (57%), scenic driving on paved road (52%), and motorized water travel (36%). The most important activities that visitor groups listed for this visit included: viewing wildlife, scenery, etc. (20%), motorized water travel (16%), and fishing (8%).
<b>Physical conditions difficult to participate</b>	Ninety-three percent of visitor groups did not have a physical condition that made it difficult to participate in activities or services on this visit.
<b>Importance and quality of facilities</b>	Facilities that visitor groups indicated were important to them include campgrounds (66%), Glen Canyon Dam (55%), Bullfrog Marina (49%), and Carl Hayden Visitor Center (48%). Facilities that visitor groups rated highest in quality included Glen Canyon Dam (89%), Escalante Visitor Center (87%), Carl Hayden Visitor Center (86%), and Antelope Point Marina (84%).
<b>Importance and quality of services and attributes/resources</b>	The most important visitor services included park brochure/map (77%), assistance from park rangers (64%), and Glen Canyon NRA website (60%). The visitor services that were rated the highest in quality included assistance from park rangers (90%), Glen Canyon Dam Tour (87%), and park brochure/map (84%). The most important attributes include clean water (94%), natural settings (94%), and scenic views (94%).

**Executive summary (continued)**

**Overall quality**                      Ninety-three percent of visitor groups rated the overall quality of the facilities, services, and recreational opportunities provided as “Good” or “Very good.”

**Summer 2016 survey**                      In the summer of 2016, the NPS conducted a visitor survey at Glen Canyon National Recreation Area as a part of the larger Socioeconomic Monitoring (SEM) pilot program. The sampling period at Glen Canyon NRA was from June 18 through June 26, 2016. During the sampling period, 786 visitor groups were contacted to participate in the survey. Of those groups, 660 agreed to participate in the study by accepting a mail-back survey packet. Questionnaires were completed and returned by 296 visitor groups, resulting in a completion rate of 45% among those visitor groups that agreed to participate in the study and an overall response rate of 38% for the study.

**Key comparisons**                      The Fall and Summer surveys used two different instruments which include some common questions. Double-bar graphs were created for comparison purposes of the common variables. The results reflect unweighted frequencies from both surveys. Details are listed in the report. The key differences include:

**Demographics**

- Visitors in the Fall tended to travel in a smaller group of adults (51% group of two travelers in the Fall compared to 39% in the Summer) with no children (80% of the groups in the Fall did not travel with children compared to 59% in the Summer).
- While visitors from Utah, Arizona, Colorado, and California comprised the largest proportion of visitors in both seasons, visitors in the Fall were more diverse and came from all 50 states compared to 36 states during the Summer.
- Visitors in the Fall also tend to be older (22% were 65 or older compared to 13% in the Summer) and more educated (77% hold a Bachelor’s degree or higher compared to 65% in Summer).

**Executive summary (continued)**

## Length of visit

- Summer visitors were more likely to stay overnight in the area surrounding the park (62% in the Fall compared to 78% in the Summer).

## Activities participated in this visit

- The activity of Viewing wildlife, scenery, etc. for Summer and Fall was similar (79% in the Fall compared to 76% in the Summer), while for the Walking/short/hike activity they were the same (57% Fall and Summer).
- Fifty-two percent of Fall visitors listed Scenic driving on paved road compared to 38% in the Summer.
- There was significantly more water activity in the Summer than the Fall (43% Motorized water travel in the Summer compared to 36% in the Fall; 37% Water play in the Summer compared to 22% in the Fall).

## Use of Services

- Sixty-six percent of visitor groups used Park brochures/ maps in the Fall, compared to 40% in the Summer.
- Forty-seven percent listed Interacting with park rangers in the Fall compared to 34% in the Summer.

## Overall Quality

- Ninety-three percent of visitor groups rated the overall quality of facilities, services, and recreational opportunities as “Very good” or “Good” in the Fall, compared to 88% in the Summer.



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### **About the Authors**

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## Introduction

This report describes the results of a visitor study at Glen Canyon National Recreation Area located in southern Utah and northern Arizona, conducted between October 14 and October 23, 2016 by the National Park Service (NPS) and the Social and Economic Sciences Research Center (SESRC) at Washington State University.

Some of the results will be compared to a study conducted in Summer 2016 by the Resource Systems Group. The method section will only describe the methodology applied to the Fall 2016 survey conducted by the SESRC at Washington State University. For Summer 2016, please refer to: Resource Systems Group (RSG). 2017. *"Glen Canyon National Recreation Area socioeconomic monitoring pilot implementation"* Summer 2016. Natural Resource Report (1520). National Park Service Fort Collins, Colorado.

As described in the National Park Service website for Glen Canyon National Recreation Area, "Glen Canyon National Recreation Area, located at the center of the Colorado Plateau, provides for public enjoyment through diverse land- and water-based recreational opportunities, and protects scenic, scientific, natural, and cultural resources on Lake Powell, the Colorado River, its tributaries, and surrounding lands." ([www.nps.gov/glca](http://www.nps.gov/glca), retrieved June 2017)

## Presentation of the Results

Results are represented in the form of graphs (see Example 1), scatter plots, pie charts, tables, and text.

### Key

1. The figure title describes the graph's information.

2. Listed above the graph, the "N" shows the number of individuals or visitor groups responding to the question. If "N" is less than 30, "**CAUTION!**" is shown on the graph to indicate the results may be unreliable.

\* appears when the total percentages do not equal 100 due to rounding.

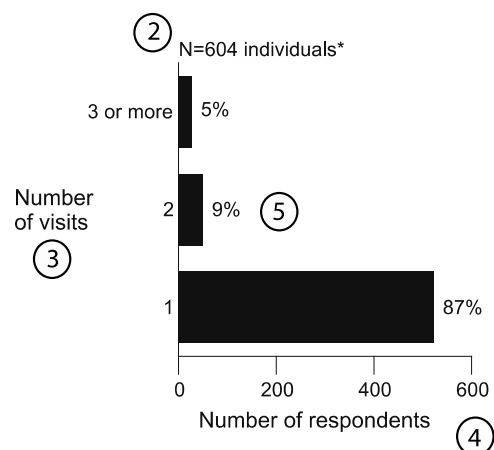
\*\* appears when total percentages do not equal 100 because visitors could select more than one answer choice.

3. Vertical information describes the response categories.

4. Horizontal information shows the number or proportion of responses in each category.

5. In most graphs, percentages provide additional information.

### Example 1



① **Figure 14.** Number of visits to the park in past 12 months

## Methods

### Survey Design and Procedures

#### *Sample size and sampling plan*

All SESRC questionnaires follow design principles outlined in Don A. Dillman's book *Internet, Phone, Mail, and Mixed-Mode Surveys: The Tailored Design Method* (2014). Using this method, the sample size was calculated based on the park visitation statistics of previous years.

Brief interviews were conducted with a systematic, random sample of visitor groups that arrived at five sites between October 14 and October 23, 2016. Visitors were surveyed between the hours of 7:00 a.m. and 5:00 p.m. Table 1 shows the ten locations, number of questionnaires distributed, and returned, and the response rate for each location. During the survey period, 1,854 visitor groups were contacted and 1,561 of these groups (84.2% acceptance rate) accepted questionnaires. Questionnaires were completed and returned by 863 respondents, resulting in a 55.3% response rate for this study.

Table 1. Questionnaire distribution

Sampling site (in alphabetical order)	Distributed		Returned		Returned
	N	%*	N	% by site	% of total*
Bullfrog	225	14%	139	62%	16%
Carl Hayden VC	218	14%	137	63%	16%
Escalante area	46	3%	30	65%	3%
Halls Crossing area	44	3%	23	52%	3%
Hite area	9	1%	4	44%	<1%
Horseshoe Bend	258	17%	139	54%	16%
Lee's Ferry	187	12%	121	65%	14%
Lone Rock	213	14%	97	46%	11%
Wahweap South Entrance	361	23%	170	47%	20%
Unidentified**			3		<1%
<b>Total</b>	<b>1,561</b>		<b>863</b>		

\* total percentages do not equal 100 due to rounding

\*\*Three completed surveys were returned with the ID number torn out; we were unable to determine the location where the questionnaires were distributed

#### *Questionnaire design*

The Glen Canyon National Recreation Area questionnaire was developed through collaborative communication between park management and SESRC staff to prioritize questions and design the instrument. Some of the questions used are similar to questions used in other SESRC studies conducted at other NPS locations. Other questions were designed for Glen Canyon National Recreation Area to shed light on issues specific to Glen Canyon. Most questions ask respondents to select answers from a list of responses, often with an open-ended option, while others are completely open-ended.

No pilot study was conducted to test the Glen Canyon National Recreation Area questionnaire. However, all questions followed Office Management and Budget (OMB) guidelines and/or were used in previous surveys; thus, the clarity and consistency of the survey instrument have been tested and supported.

### ***Survey procedure***

Visitor groups were greeted, briefly introduced to the purpose of the study, and asked to participate. If visitors agreed, they were asked which member (at least 18 years old) had the next birthday. An interview, lasting approximately two minutes, was conducted with that person to determine group size, group type, the age, and sex of the member completing the questionnaire. These individuals were asked their names, addresses, and telephone numbers or email addresses in order to mail them a reminder/thank-you postcard and follow-up contacts.

Survey invitations were handed out in a single ten-day block starting on October 14, 2016 and ending on October 23, 2016. Upon completion of the survey distribution period, follow-up contacts were mailed to participants. A reminder/thank-you postcard was mailed to all participants who provided a valid mailing address (see Table 2). A total of 1578 postcards were mailed to survey participants on November 7, 2016 (some visitors did not participate in the survey but requested a postcard). Paper questionnaires were subsequently mailed on November 21, 2016 to participants who had not returned a questionnaire within two weeks of the postcards being sent. On December 7, 2016, an additional replacement questionnaire was mailed to participants who still had not returned their questionnaires.

Table 2. Follow-up mailing distribution

	<b>Date mailed</b>	<b>U.S.</b>	<b>International</b>	<b>Total</b>
Postcards	November 7, 2016	1,284	294	1,578
Paper questionnaire	November 21, 2016	954	210	1,164
Replacement questionnaire	December 7, 2016	854	205	1,059

### ***Data analysis***

All visitor responses were entered twice and double-key validation was performed on numeric and short text responses. Responses to open-ended questions were categorized and summarized prior to data analysis.

Numeric data were processed and statistics and graphics were generated using Statistical Analysis Software® (SAS), IBM SPSS Statistics, and R.

**Limitations**

As with all surveys, this study has limitations that should be considered when interpreting the results.

This was a self-administered survey. Respondents completed the questionnaire after their visit, which may have resulted in poor recall. Thus, it is not possible to know whether visitor responses reflected actual behavior.

The data reflect visitor use patterns at the selected sites during the study period of October 14 - October 23, 2016. The results present a 'snapshot in time' and do not necessarily apply to visitors during other times of the year.

Caution is advised when interpreting any data with a sample size of less than 30, as the results may be unreliable. When the sample size is less than 30, the word "**CAUTION!**" is included in the graph, figure, table, or text.

Occasionally, there may be inconsistencies in the results. Inconsistencies arise from missing data or incorrect answers (due to misunderstood directions, carelessness, or poor recall of information). Therefore, refer to both the percentage and N (number of individuals or visitor groups) when interpreting the results.

**Special conditions**

The weather during the survey period varied from sunny and warm, to overcast, windy, rainy, and cool.

The Lake Powell triathlon occurred during the survey period, closing the road and the Wahweap Marina, causing a delay in the survey schedule for the south district. Many of the event participants and spectators visited the park before or after the event causing a temporary increase in visitation. There may also be confusion with "organized group", as the triathlon was an organized event.

The National Park Service exhibit room at Carl Hayden Visitor Center was under construction and was not open to the public during the survey period.

Bullfrog Visitor Center was open on a limited schedule during the survey period which may have caused a lower visitation than normal. All fee stations in the park were operating with reduced staff and reduced hours. Visitors experienced some technical difficulty with the electronic ticket machine which may have led to a certain level of dissatisfaction with the visit.

**Checking non-response bias**

Five variables were used to check non-response bias: participant age, group size, personal group type, organized group affiliation, and length of visit (see Table 3 - 6). There may be a potential non-response bias, participants of a younger age range (44 years old or younger) were less responsive to the survey. Visitors who travel with family or travel with a larger organized group were more likely to respond to their survey than other groups. Day use visitors (1 day or less) were less likely to respond to the survey compared to overnight visitors. See Appendix D for more details of the non-response bias checking procedures.

Table 3. Comparison of respondents and non-respondents by median age and median group size

Variable	Respondents	Non-respondents	p-value (nonparametric median test)
Age (years)	44	57	<0.0001
Group size	2	2	0.741

Table 4. Comparison of respondents and non-respondents by group type

Group type	Respondents	Non-respondents	p-value (chi-square)
Alone	66	61	0.029
Family	516	408	
Friends	125	148	
Family and friends	84	66	

Table 5. Comparison of respondents and non-respondents by organized group affiliation

Organized group	Respondents	Non-respondents	p-value (chi-square)
Not part of organized group	755	687	<0.0001
Part of an organized group	67	14	

Table 6. Comparison of respondents and non-respondents by length of visit

Length of visit	Respondents	Non-respondents	p-value (chi-square)
1 day or less	332	384	<0.0001
2 days	134	137	
3 days	125	101	
4 days	85	44	
5 days	43	26	
6 days or more	70	9	

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer



## Results

### Group and Visitor Characteristics

#### Visitor group size

##### Question 15

On this visit, how many people were in your personal group, including yourself?

#### Results

##### Summer

- 39% of visitor groups were made up of two members (see Figure 1).
- 26% of groups had six or more members.

##### Fall

- 51% of visitor groups were made up of two members.
- 17% of groups had six or more members.

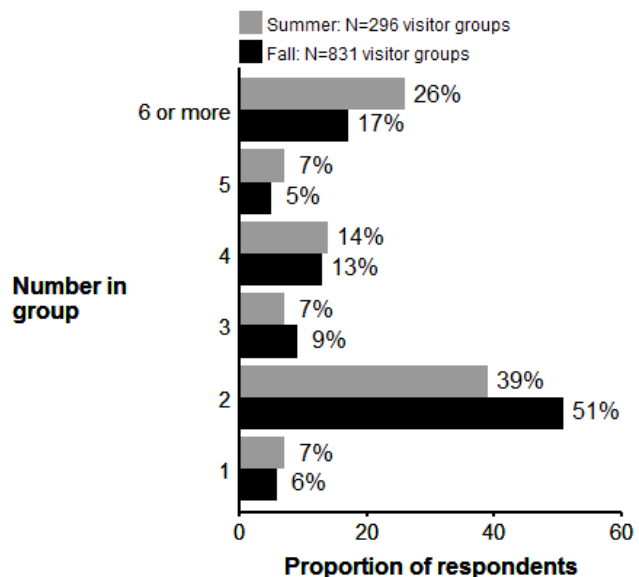


Figure 1. Visitor personal group size (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Number of adults and children

### Question 15

On this visit how many adults and children were in your personal group including yourself?

#### Results

##### Summer

- 51% of visitor groups had two adults (see Figure 2).
- 17% of visitor groups had six or more adults.
- 59% of visitor groups had no children (see Figure 3).
- 12% of visitor groups had two children.

##### Fall

- 57% of visitor groups had two adults (see Figure 2).
- 12% of visitor groups had six or more adults.
- 80% of visitor groups had no children (see Figure 3).
- 5% of visitor groups had two children.

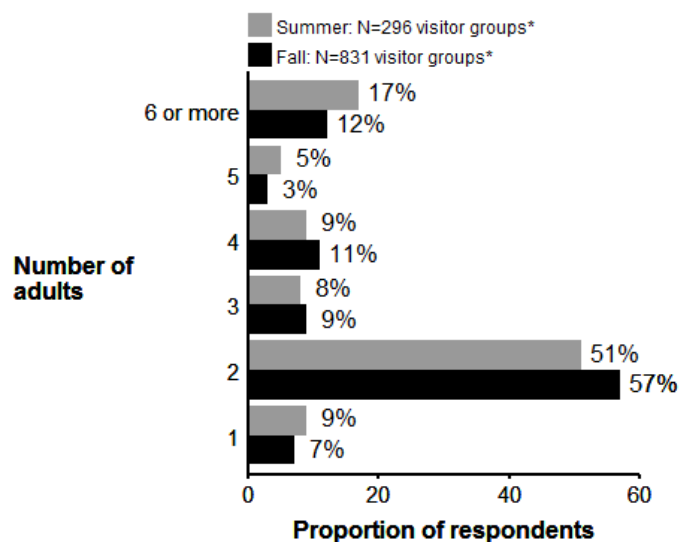


Figure 2. Number of adults in personal group (comparison of responses from Summer and Fall surveys)

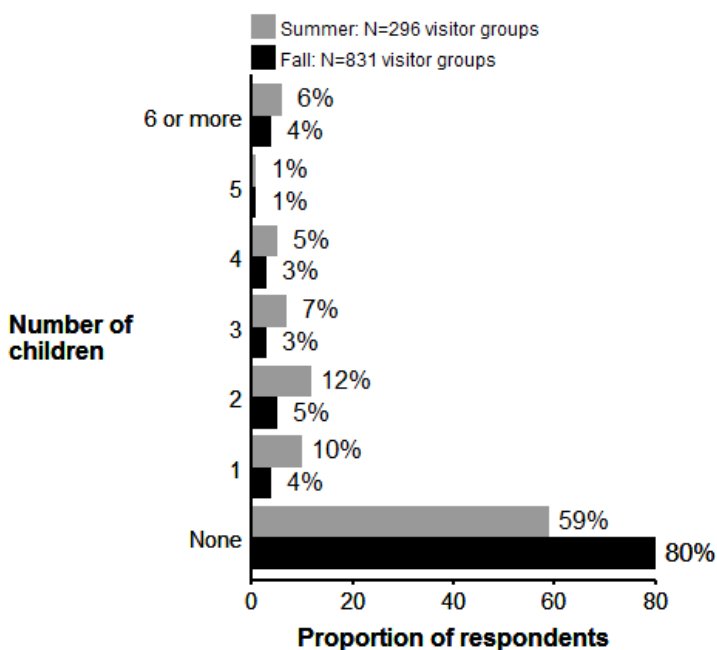


Figure 3. Number of children in personal group (comparison of responses from Summer and Fall survey)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Visitor group type

### Question 17a

On this visit, what kind of personal group (not guided tour/school/other organized group) were you with?

### Results

#### Summer

- 62% of visitor groups were with family (see Figure 4).
- 12% of visitor groups were with friends.
- 11% of visitor groups were with family and friends.
- 9% of visitor groups were alone.

#### Fall

- 64% of visitor groups were with family (see Figure 4).
- 16% of visitor groups were with friends.
- 10% of visitor groups were with family and friends.
- 8% of visitor groups were alone.
- One "Other" group type (1%) listed:
  - Artist colleague

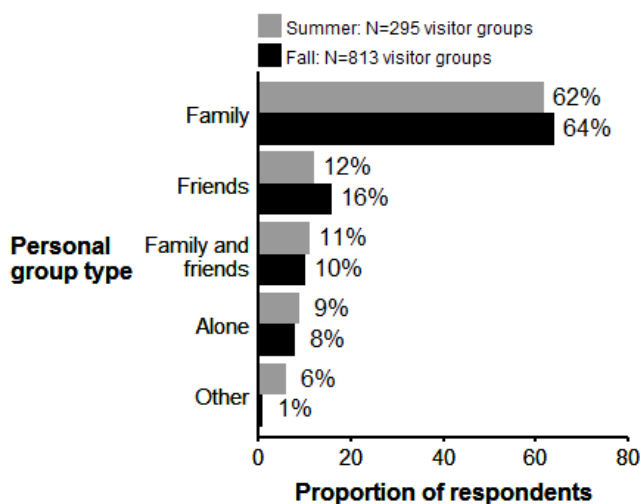


Figure 4. Visitor group type (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

### ***Visitors with organized groups***

#### **Question 16aa**

On this visit, was your personal group part of a guided fishing or hunting group?

#### **Results**

- Only four visitor groups were a part of a guided fishing or hunting group (see Figure 5).

#### **Question 16ab**

On this visit, was your personal group part of a school/educational group?

#### **Results**

- 1% of visitor groups were part of a school/educational group (see Figure 6).

#### **Question 16ac**

On this visit, was your personal group part of a commercial package tour group?

#### **Results**

- 4% of visitor groups were with a commercial package tour group (see Figure 7).

#### **Question 16ad**

On this visit, was your personal group part of an "other" organized (business, church, scout, etc.) group?

#### **Results**

- 2% of visitor groups were with an "other" type of organized group (see Figure 8).

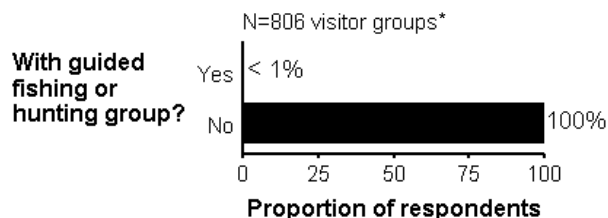


Figure 5. Organized group type: Guided fishing or hunting group (Fall only)

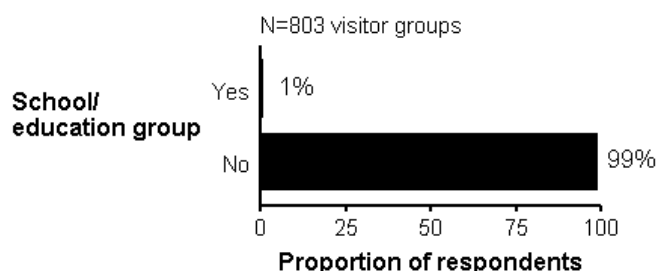


Figure 6. Organized group type: School/educational group (Fall only)

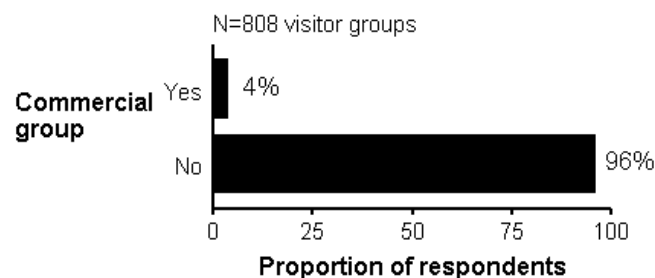


Figure 7. Organized group type: Commercial package tour group (Fall only)

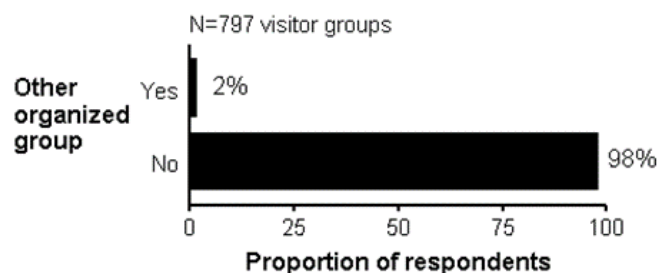


Figure 8. Organized group type: "Other" (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Question 16b**

On this visit, how many people were in the organized group including yourself?

**Results**

- 47% of organized groups had 10 or less people (see Figure 9).
- 29% of organized groups had over 30 people.
- 24% of organized groups had 11 to 30 people.

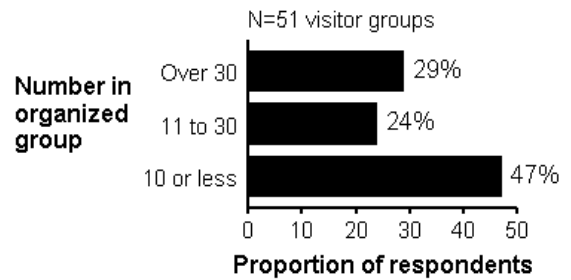


Figure 9. Number of people in organized group (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**United States visitors by state of residence****Question 18b**

For your personal group on this visit, what is your state of residence?

Note: Responses were limited to seven members from each visitor group.

**Results**

- U.S. visitors came from 50 U.S. states and territories and comprised 83% of total visitation to the park during the Fall survey period (see Table 7). Eighty-seven percent of visitors were from 36 different states in the U.S. during the Summer survey period.
- 33% of U.S. visitors came from Utah for the Fall season and 20% during Summer.
- 14% of U.S. visitors came from Arizona for the Fall season and 23% during Summer.
- 25% came from Colorado, California, Michigan, or Washington for the Fall season.
- Smaller proportions came from 44 other states in the Fall (see Figure 10).

Table 7. Number of visitors by state (Comparison of responses from Summer and Fall surveys)

State	Fall 2016			Summer 2016		
	Number of visitors	Percent of U.S. visitors* (N=1,711)	Percent of total visitors* (N=2,064)	Number of visitors	Percent of U.S. visitors (N=696)	Percent of total visitors* (N=798)
Utah	565	33%	27%	142	20%	18%
Arizona	247	14%	12%	158	23%	20%
Colorado	233	14%	11%	111	16%	14%
California	113	7%	5%	61	9%	8%
Michigan	41	2%	2%	-	-	-
Washington	40	2%	2%	12	2%	2%
Texas	31	2%	2%	15	2%	2%
Nevada	28	2%	1%	14	2%	2%
New Mexico	25	1%	1%	-	-	-
Minnesota	24	1%	1%	-	-	-
New York	24	1%	1%	-	-	-
Florida	23	1%	1%	22	3%	3%
Pennsylvania	22	1%	1%	19	3%	2%
Ohio	21	1%	1%	-	-	-
Illinois	20	1%	1%	12	2%	2%
Other states or territories	254 (35 states)	15%	12%	128 (26 states)	18%	16%
<b>Total</b>	<b>1,711</b>			<b>696</b>		

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

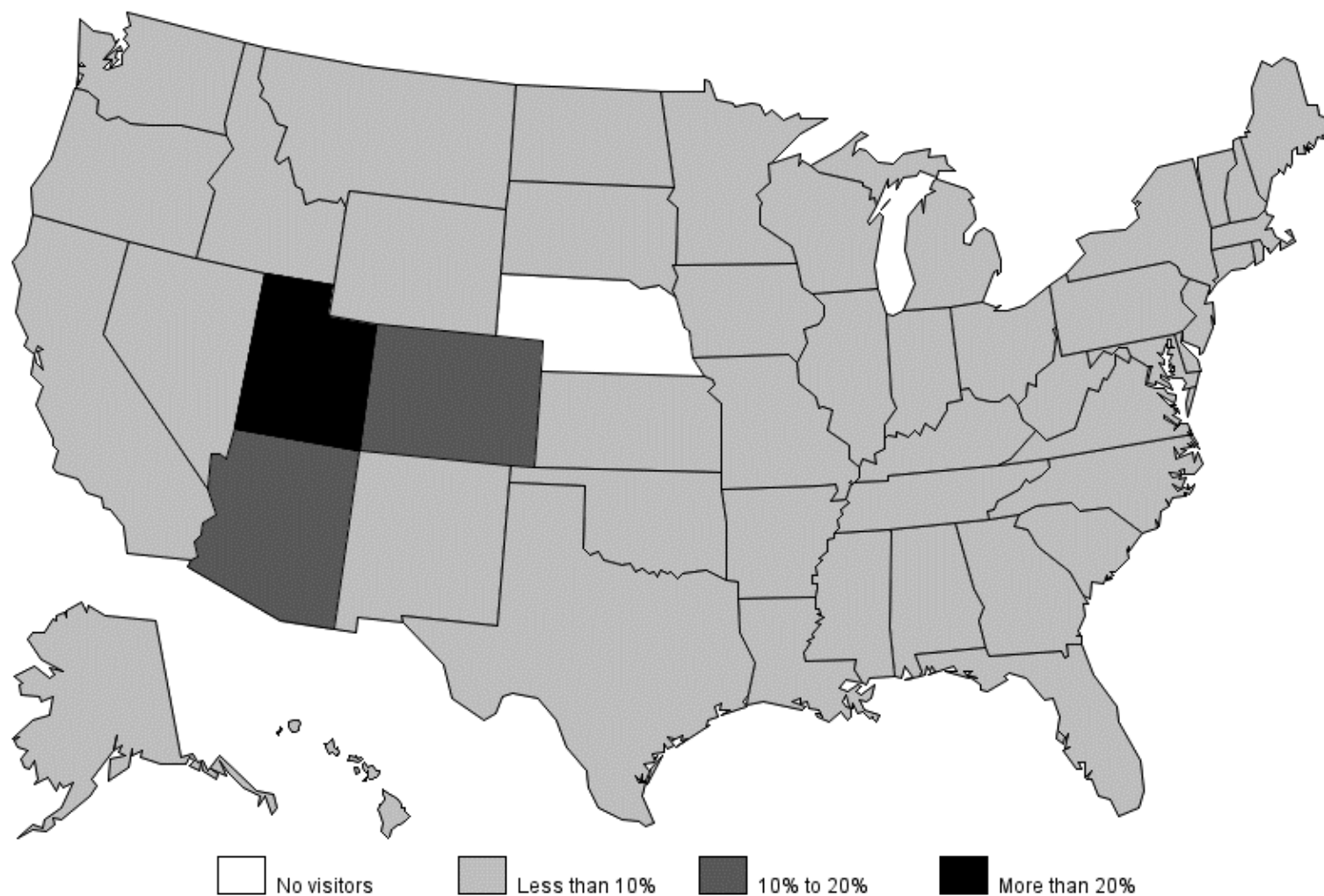


Figure 10. Map of U.S. visitors by state of residence (Fall only)

**Visitors from counties in Utah****Question 18b**

For your personal group on this visit, were you a resident of Utah state?

Note: Responses were limited to seven members from each visitor group.

**Results**

- 38% of visitors from Utah came from Salt Lake County (see Table 8).
- 27% of visitors from Utah came from Utah County.
- 12% of visitors from Utah came from Davis County or Washington County.

Table 8. Number of visitors from Utah by county (Fall only)

County	Number of visitors	Percent of Utah visitors (N=555)
Salt Lake	213	38%
Utah	149	27%
Davis	31	6%
Washington	31	6%
Summit	23	4%
Weber	19	3%
Iron	12	2%
Cache	10	2%
Carbon	10	2%
Morgan	8	1%
Kane	7	1%
10 other counties	42	8%
<b>Total</b>	<b>555</b>	

**International visitors by country of residence****Question 18b**

For your personal group on this visit, what is your country of residence?

Note: Responses were limited to seven members from each visitor group.

**Results**

- International visitors came from 27 different countries and comprised 16% of total visitation during the Fall survey period. In the Summer season international visitors were from 19 different countries and had 13% total visitation (see RSG Summer report).
- 24% of international visitors came from Germany (see Table 9).
- 16% of international visitors came from Canada.
- 11% of international visitors came from France.
- 10% of international visitors came from the United Kingdom.

Table 9. Number of visitors by country of residence (Fall only)

Country	Number of visitors	Percent of international visitors (N=337)
Germany	80	24%
Canada	54	16%
France	38	11%
United Kingdom	33	10%
The Netherlands	21	6%
Australia	20	6%
Switzerland	20	6%
Israel	19	6%
Italy	13	4%
Austria	7	2%
17 other countries	32	9%
<b>Total</b>	<b>337</b>	

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer



### ***Number of visits to park in the past 12 months***

#### **Question 18c**

For your personal group on this visit, how many times have you visited Glen Canyon NRA in the past 12 months (including this visit)?

Note: Responses were limited to seven members from each visitor group.

#### **Results**

##### **Summer**

- 69% of visitors have visited the park only once in the past 12 months (see Figure 11).
- 22% of visitors had visited two or three times.
- 7% of visitors had visited four to six times.

##### **Fall**

- 69% of visitors have visited the park only once in the past 12 months (See Figure 11).
- 23% of visitors had visited two or three times.
- 5% of visitors had visited four to six times.

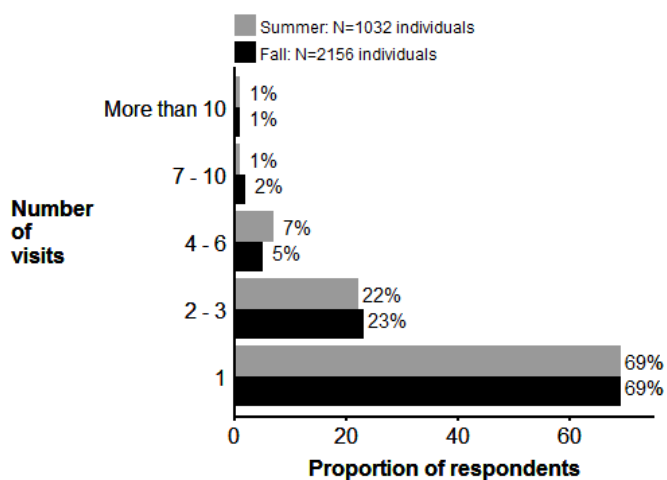


Figure 11. Number of visits to the park in the past 12 months (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

### ***Number of visits to other national parks in the past 12 months***

#### **Question 18d**

For your personal group on this visit, how many times have you visited other National Park sites in the past 12 months (including this visit)?

Note: Responses were limited to seven members from each visitor group.

#### **Results**

##### **Summer**

- 35% of visitors have visited other National Park sites two or three times in the last 12 months (see Figure 12).
- 28% of visitors have visited other national park sites only once.
- 23% of visitors have visited four to six times.

##### **Fall**

- 34% of visitors have visited other National Parks sites four to six times in the last 12 months (See Figure 12.)
- 30% of visitors have visited other National Park sites two or three times.
- 15% of visitors have visited national park sites only once.

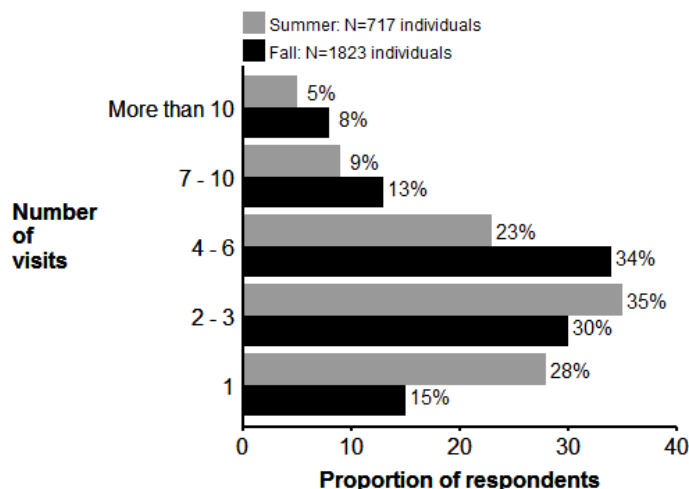


Figure 12. Number of visits to other NPS sites in the past 12 months (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Visitor age****Question 18a**

For the members of your personal group on this visit, what are their current ages?

Note: Responses were limited to seven members from each visitor group.

**Results****Summer**

- 31% of visitors were over 50 years old (See Figure 13).
- 26% of visitors were 31-50 years old.
- 21% of visitors were 17 years old or younger.
- 21% of visitors were between 18 and 30 years old or younger.

**Fall**

- 52% of visitors were over 50 years old (See Figure 13).
- 25% of visitors were 31-50 years old.
- 12% of visitors were 17 years old or younger.
- 10% of visitors were between 18 and 30 years old or younger.

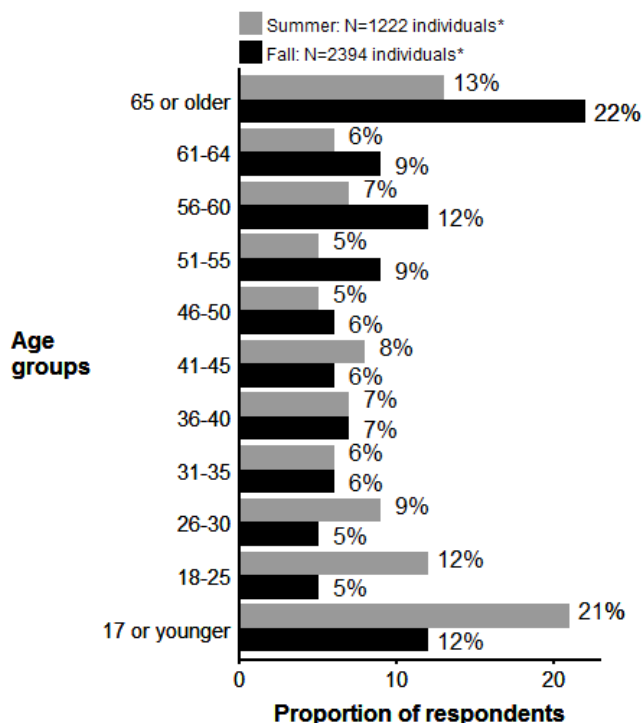


Figure 13. Visitor age groups (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Visitor gender

### Question 19a

For the members of your personal group, what are their genders?

Note: Responses were limited to seven members from each visitor group.

### Results

#### Summer

- 48% of visitors were male (see Figure 14).
- 52% of visitors were female.

#### Fall

- 53% of visitors were male (see Figure 14).
- 47% of visitors were female.

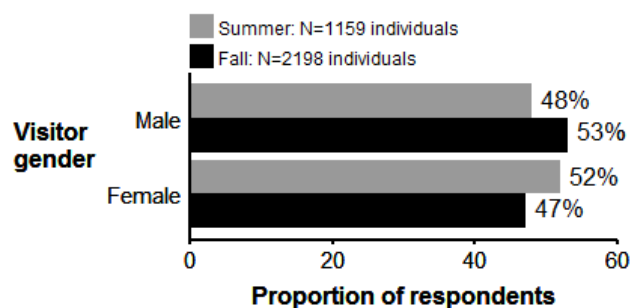


Figure 14. Visitor gender (comparison of responses from Summer and Fall surveys)

## Visitors of Hispanic/Latino ethnicity

### Question 19b

Are members of your personal group Hispanic or Latino?

Note: Responses were limited to seven members from each visitor group.

### Results

#### Summer

- 3% of visitors identified as Hispanic or Latino (see Figure 15).

#### Fall

- 3% of visitors identified as Hispanic or Latino (see Figure 15).

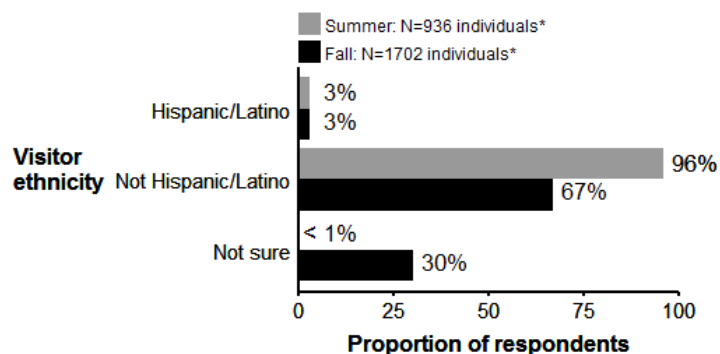


Figure 15. Visitors of Hispanic/Latino ethnicity (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Visitor race****Question 20**

What is the race of each member of your personal group?

Note: Responses were limited to seven members from each visitor group.

**Results****Summer**

- 87% of visitors identified as white (see Figure 16).
- 7% of visitors identified as Asian.
- 3% of visitors identified as American Indian or Alaska Native.

**Fall**

- 92% of visitors identified as white (see Figure 16).
- 5% of visitors identified as Asian.
- 2% of visitors identified as more than one race.

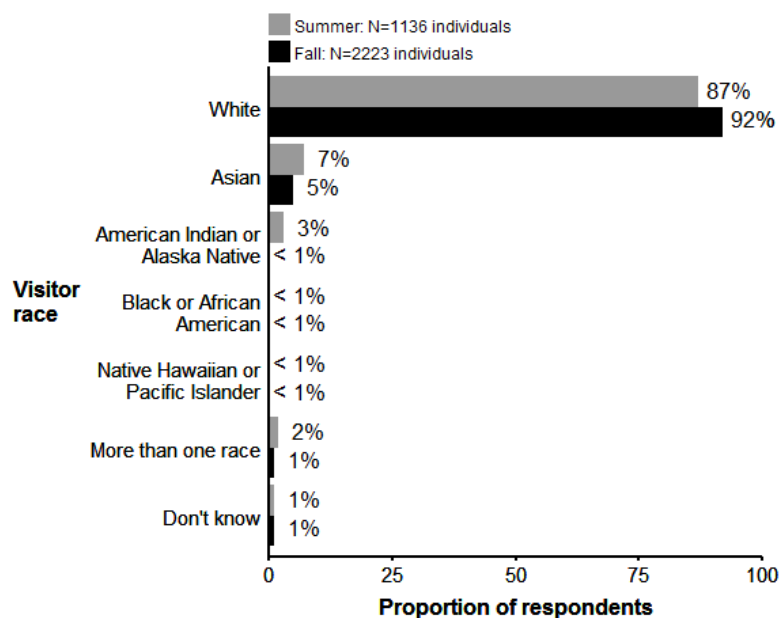


Figure 16. Visitor race (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Visitor language preference

### Question 21

When visiting an area such as Glen Canyon NRA, what language do you personally prefer to use for speaking?

#### Results

##### Summer

- 96% of visitors prefer to use English as their primary speaking language (see Figure 17).
- 3% of visitors prefer to use other languages.

##### Fall

- 98% of visitors prefer to use English as their primary speaking language (see Figure 17).
- 2% of visitors prefer to use other languages. Other languages preferred for speaking:
  - Chinese
  - Dutch
  - French
  - German
  - Hebrew
  - Italian
  - Japanese
  - Mandarin
  - Russian
  - As many as possible

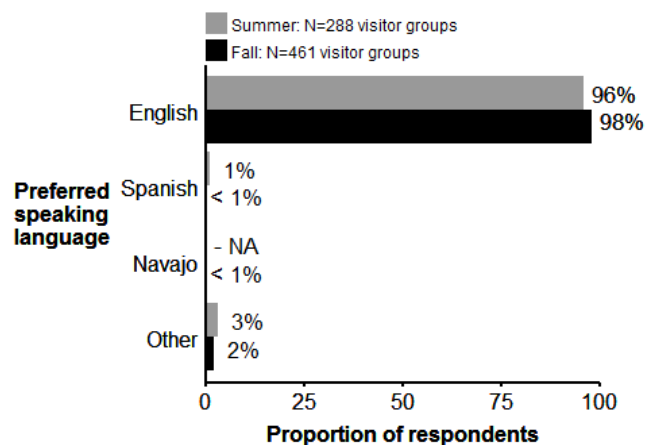


Figure 17. Visitor language preference for speaking (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Question 21**

When visiting an area such as Glen Canyon NRA, what language do you personally prefer to use for reading?

**Results****Summer**

- 96% of visitors prefer to use English as their primary reading language (see Figure 18).
- 3% of visitors prefer to use other languages.

**Fall**

- 98% of visitors prefer to use English as their primary reading language (see Figure 18).
- 1% of visitors prefer to use other languages. Other languages preferred for reading include:
  - Chinese
  - Dutch
  - French
  - German
  - Hebrew
  - Italian
  - Japanese
  - Mandarin
  - Russian
  - As many as possible

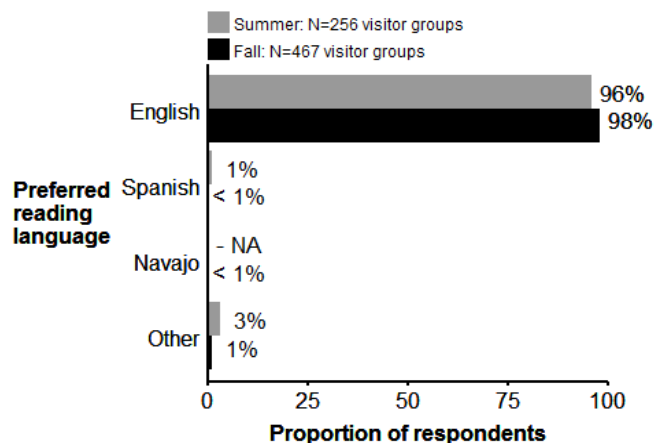


Figure 18. Visitor language preference for reading (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

### Visitor level of education

#### Question 22

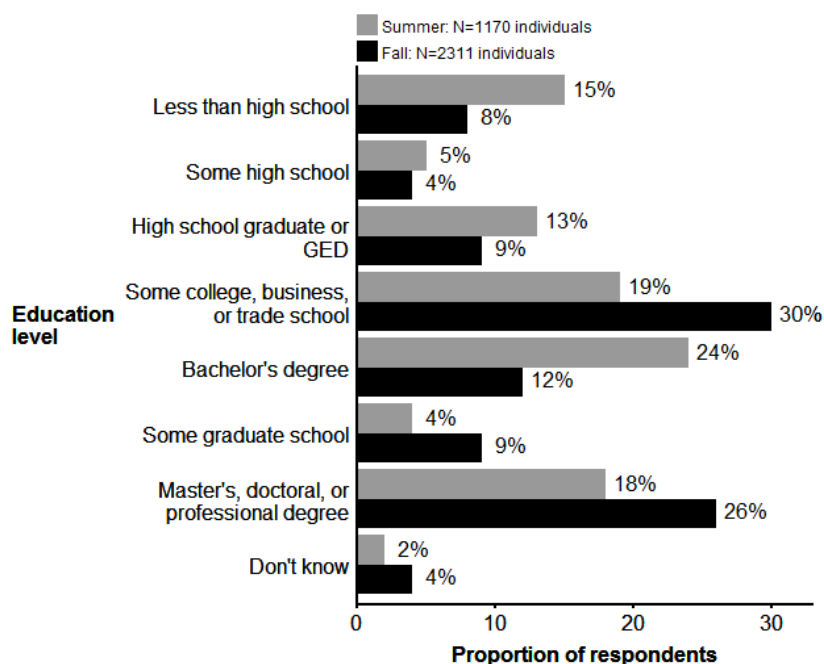
For your personal group during your visit to Glen Canyon NRA on the day you were contacted for this survey, what is the highest level of formal education completed by each member of your group?

Note: Responses were limited to seven members from each visitor group.

#### Results

##### Summer

- 24% of visitors had a bachelor's degree (see Figure 19).
- 19% of visitors had some college, business, or trade school.
- 18% of visitors had a master's, doctoral, or professional degree.
- 15% of respondents had less than a high school education.
- 13% of visitors were high school graduates or had a GED.



##### Fall

- 30% of visitors had some college, business, or trade school (see Figure 19).
- 26% of visitors had a master's, doctoral, or professional degree.
- 12% of respondents had a bachelor's degree.
- 9% of visitors were high school graduates or had a GED.
- 9% had some graduate school.

Figure 19. Visitor level of education (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer



## Park Specific Management Considerations

### *Visitor awareness of park management*

#### Question 2

Prior to this visit, were you and your group aware that Glen Canyon NRA is a unit of the National Park System?

Results:

- As shown in Figure 20, 62% of visitors were aware that Glen Canyon NRA is a unit of the National Park System.
- 38% of visitors were not aware that Glen Canyon NRA is a unit of the National Park System.

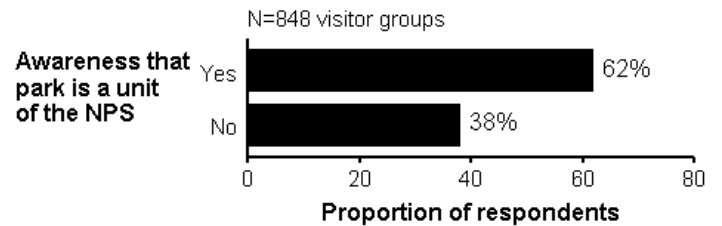


Figure 20. Visitor awareness that Glen Canyon NRA is a unit of the National Park System (Fall Only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Visitor aware of rules/regulations****Question 3a**

Prior to this visit were you and your group aware of the following rules/regulations at Glen Canyon NRA?

Results:

Visitor groups possessed varying levels of awareness regarding the rules/regulations at Glen Canyon NRA prior to their visit (see Table 10).

- 28% yes: All visitors camping within ¼ mile of the Lake Powell shoreline must have a portable toilet, unless they are within 200 yards of public toilet facilities.
- 82% yes: Writing/painting/carving your name or other graffiti on the rocks within Glen Canyon NRA is illegal.
- 25% yes: Diving from cliffs higher than 15 feet is prohibited within Glen Canyon NRA.
- 31% yes: It is illegal to operate a boat on Lake Powell if it is capable of discharging waste overboard.
- 46% yes: Lake Powell is infested with quagga mussels. You must clean, drain, and dry your boat after leaving the lake.
- 22% yes: No swimming in marinas due to risk of electric shock.

Table 10. Awareness of rules/regulations prior to visit (Fall only)

Rules/regulations	Awareness (%)		
	N	Yes	No
All visitors camping within ¼ mile of the Lake Powell shoreline must have a portable toilet, unless they are within 200 yards of public toilet facilities.	769	28	72
Writing/painting/carving your name or other graffiti on the rocks within Glen Canyon NRA is illegal.	778	82	18
Diving from cliffs higher than 15 feet is prohibited within Glen Canyon NRA.	757	25	75
It is illegal to operate a boat on Lake Powell if it is capable of discharging waste overboard.	763	31	69
Lake Powell is infested with quagga mussels. You must clean, drain, and dry your boat after leaving the lake.	762	46	54
No swimming in marinas due to risk of electric shock.	757	22	78

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Question 3b

During this visit, did you learn about these rules/regulations to Glen Canyon NRA?

Results:

Visitor groups learned about rules/regulations at Glen Canyon NRA during their visit (see Table 11).

- 26% yes: All visitors camping within ¼ mile of the Lake Powell shoreline must have a portable toilet, unless they are within 200 yards of public toilet facilities.
- 33% yes: Writing/painting/carving your name or other graffiti on the rocks within Glen Canyon NRA is illegal.
- 21% yes: Diving from cliffs higher than 15 feet is prohibited within Glen Canyon NRA.
- 19% yes: It is illegal to operate a boat on Lake Powell if it is capable of discharging waste overboard.
- 36% yes: Lake Powell is infested with quagga mussels. You must clean, drain, and dry your boat after leaving the lake.
- 21% yes: No swimming in marinas due to risk of electric shock.

Table 11. Learned of rules/regulations during this visit (Fall only)

Rules/regulations	Learned (%)		
	N	Yes	No
All visitors camping within ¼ mile of the Lake Powell shoreline must have a portable toilet, unless they are within 200 yards of public toilet facilities.	592	26	74
Writing/painting/carving your name or other graffiti on the rocks within Glen Canyon NRA is illegal.	498	33	67
Diving from cliffs higher than 15 feet is prohibited within Glen Canyon NRA.	596	21	79
It is illegal to operate a boat on Lake Powell if it is capable of discharging waste overboard.	582	19	81
Lake Powell is infested with quagga mussels. You must clean, drain, and dry your boat after leaving the lake.	566	36	64
No swimming in marinas due to risk of electric shock.	605	21	79

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Question 3c**

If you learned about any of the rules/regulations during this visit to Glen Canyon NRA, how did you learn about them?

Results:

- As shown in Figure 21, 62% of visitor groups learned about the rules/regulations at Glen Canyon NRA by reading signs.
- 29% learned about the rules/regulations from park exhibits.
- 29% of visitor groups learned about the rules/regulations from park brochures/ newspapers.
- 22% learned about the rules/regulations from talking to rangers.
- Other sources (19%) used to learn about rules/regulations can be found in Table 12.

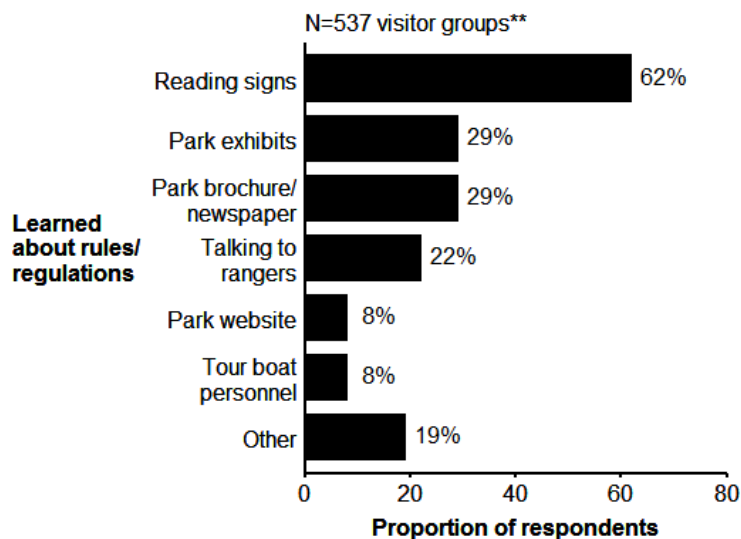


Figure 21. How visitor groups learned about rules/regulations this visit (Fall only)

Table 12. Other sources used to learn about rules/regulations (Fall only)

Comment	Number of comments	Percent of comments (N=20)
This study	13	65%
Common sense	3	15%
Fishing partner	1	5%
Other boaters	1	5%
Previous visitors	1	5%
Radio	1	5%
<b>Total</b>	<b>20</b>	

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Trip/Visit Characteristics and Preferences

### Information sources prior to visit

#### Question 1a

Prior to this visit, how did you and your personal group obtain information about Glen Canyon National Recreation Area (NRA)?

Results:

- 85% of Summer visitor groups and 93% of Fall visitor groups obtained information about Glen Canyon NRA prior to their visit (see Figure 22).
- Among those visitor groups that obtained information about Glen Canyon NRA prior to their visit, the most used sources were:

#### Summer

- 50% Previous visits (see Figure 23)
- 34% Friends/relatives/word of mouth
- 26% Maps/brochures/rack cards
- 24% Glen Canyon NRA website
- 19% Travel guides/tour books

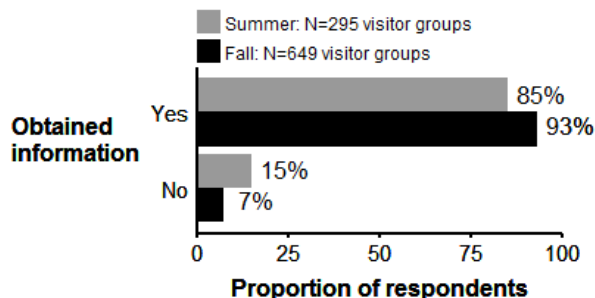


Figure 22. Visitors who obtained information prior to their visit (comparison of responses from Summer and Fall surveys)

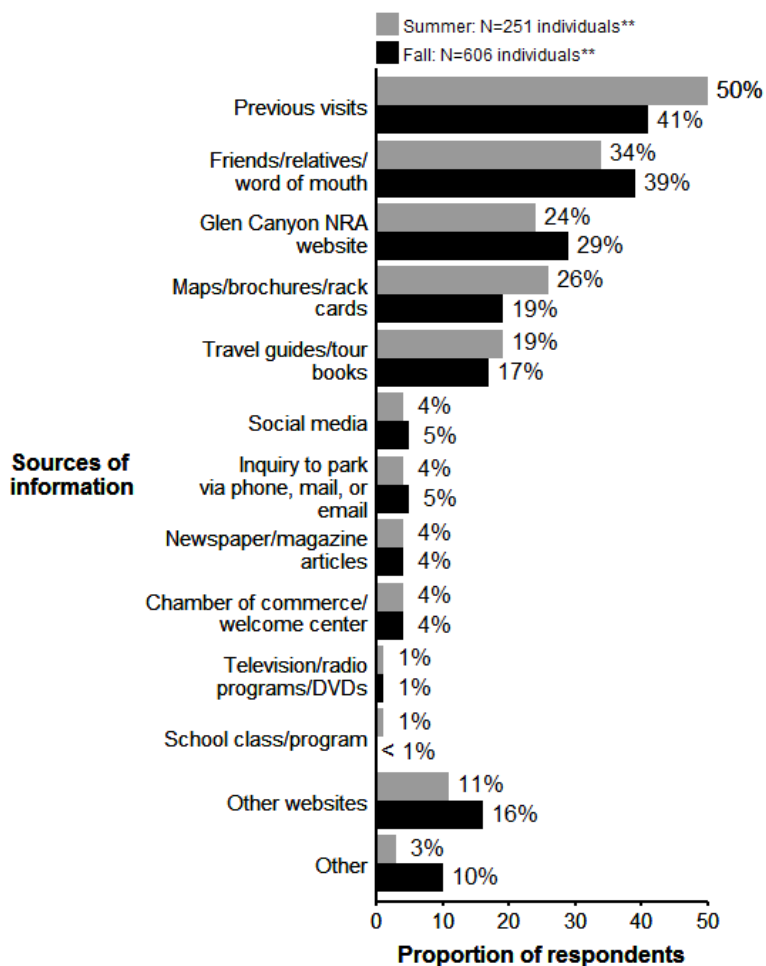


Figure 23. Sources of information used prior to this visit (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Fall

- 41% Previous visits (see Figure 23 and Figure 24)
- 39% Friends/relatives/word of mouth
- 29% Glen Canyon NRA website
- 19% Maps/brochures/rack cards
- Other websites (16%) used to obtain information prior to visit are listed in Table 13.
- “Other” sources of information (10%) were:
  - Live in the area
  - Vacation races half marathon
  - Other NPS sites
  - RV Park
  - Antelope Canyon tour
  - Fly Utah
  - General knowledge
  - Good Sam camping app
  - NRA headquarters
  - Previously worked for Del Webb/ARA
  - Road scholars’ itinerary
  - Stumbled upon it
  - Tour group

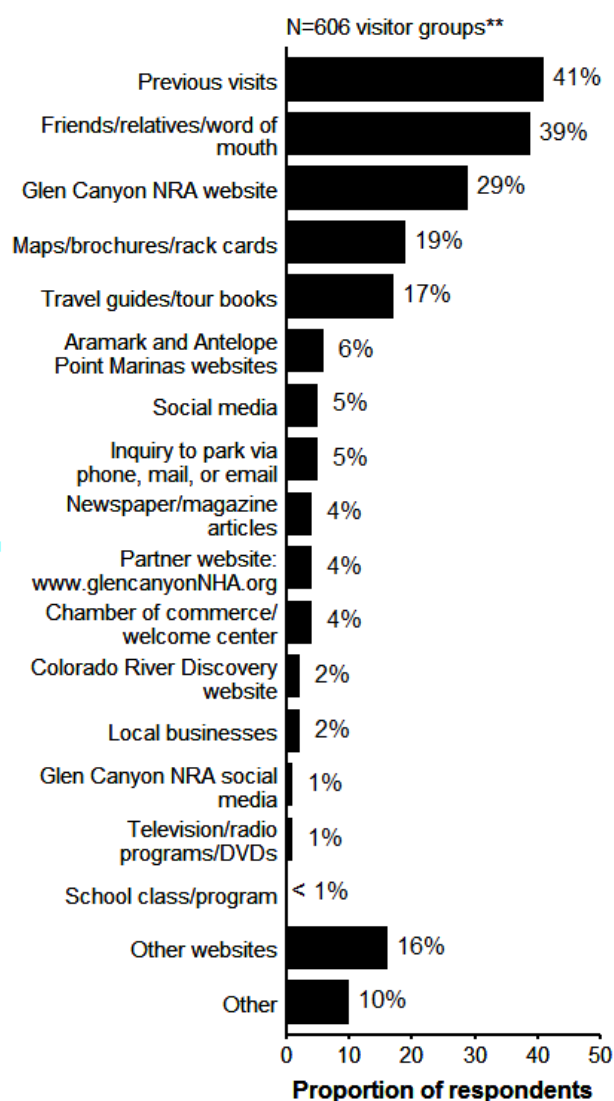
**Sources of information**

Figure 24. All sources of information used prior to this visit (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 13. Websites used to obtain information prior to this visit (Fall only)

<b>Comment</b>	<b>Number of comments</b>	<b>Percent of comments* (N=109)</b>
Google	20	18%
TripAdvisor	15	14%
wayneswords.com	14	13%
Various	6	6%
Google maps	3	3%
thelakepowellhalf.com	3	3%
alltrails.com	2	2%
www.lametayel.co.il	2	2%
www.roadtrippin.fr	2	2%
YouTube	2	2%
40 other websites	40	37%
<b>Total</b>	<b>109</b>	

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Question 1b**

Did you and your personal group receive the type of information about the park that you needed?

Results:

Summer

- 93% of visitor groups received the information they needed about the park (see Figure 25).

Fall

- 91% of visitor groups received the information they needed about the park (see Figure 25).

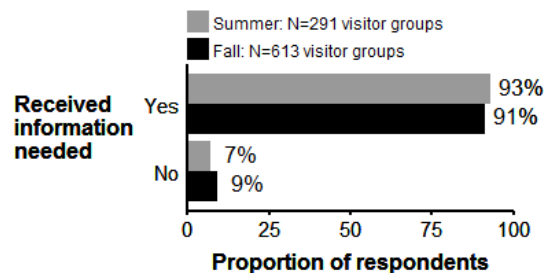


Figure 25. Visitor groups who received the type of information needed about the park (comparison of responses from Summer and Fall surveys)

**Question 1b**

If NO, what type of park information did your group need that was not available?

Results:

Fall

- 28 visitor groups provided one or more comments regarding information they needed but was not available (see Table 14).

Table 14. Information needed that was not available (Fall only)

Comment	Number of comments	Percent of comments* (N=34)
General park information	6	18%
Maps/directions	4	12%
Tour operator information	4	12%
Accessibility information	3	9%
Hiking/trail information	3	9%
Fishing information	2	6%
12 other information types	12	35%
<b>Total</b>	<b>34</b>	

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer



## Forms of transportation used to travel to park

### Question 10a

What form of transportation did you and your group use to travel between overnight accommodations and Glen Canyon NRA on this trip?

#### Results

##### Summer

- 99% of visitor groups used private vehicles to travel to the park (see Figure 26).

##### Fall

- 75% of visitor groups used private vehicles to travel to the park (see Figure 27).
- 23% of visitor groups arrived in rental vehicles.
- "Other" forms of transportation (3%) included:
  - RV/Motorhome
  - Boat/Houseboat
  - Canoe
  - Swimming
  - Kayaks
  - Personal aircraft

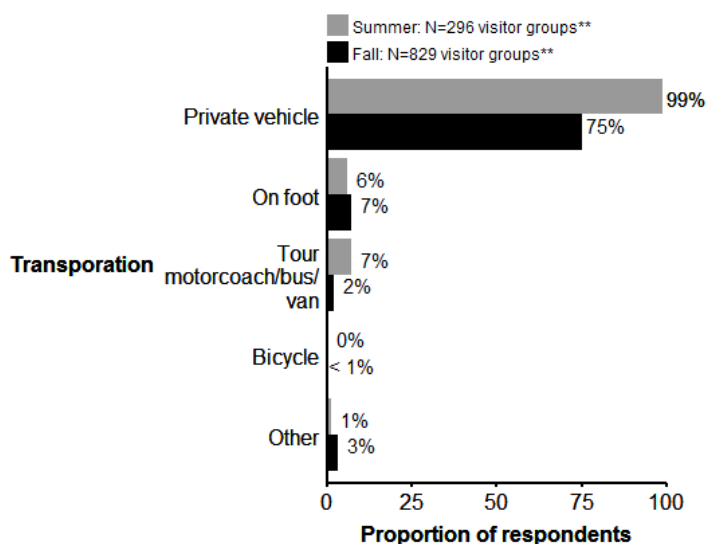


Figure 26. Forms of transportation (comparison of responses from Summer and Fall surveys)

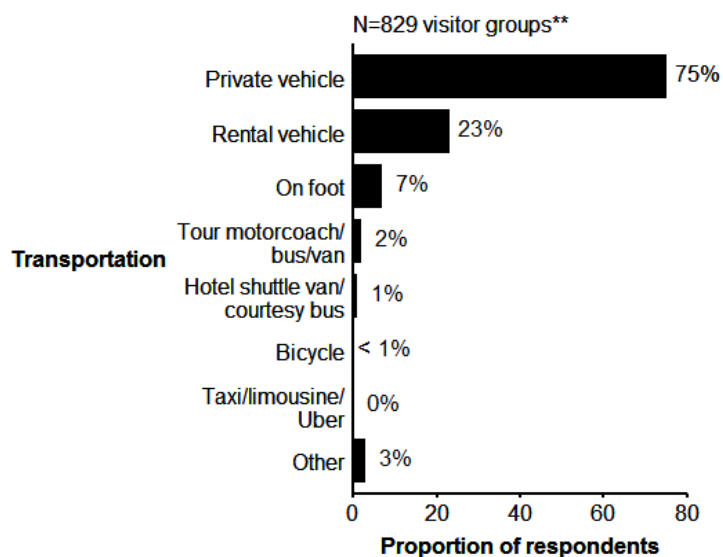


Figure 27. Forms of transportation (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

***Number of vehicles used to travel to park*****Question 10b**

If your group arrived at Glen Canyon NRA in private or rental vehicles, how many vehicles did you and your group use?

**Results**

- 77% of visitor groups entered the park in one vehicle (see Figure 28).
- 18% arrived in two or three vehicles.
- 4% arrived in four or more vehicles.

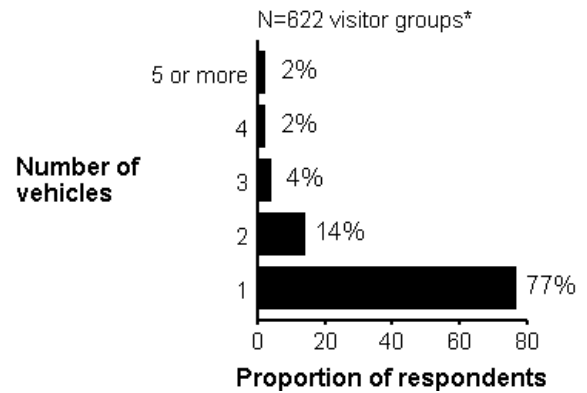


Figure 28. Number of vehicles (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

***Parking problems experienced during this visit*****Question 11a**

During this visit to Glen Canyon NRA, did you experience any parking problems?

**Results**

- 5% of visitor groups experienced parking problems (see Figure 29).
- Table 15 shows the locations that visitor groups encountered parking problems

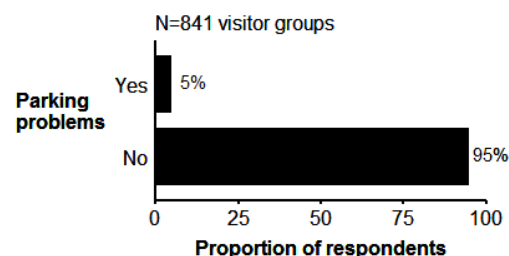


Figure 29. Parking problems in the park (Fall only)

Table 15. Locations that visitor groups experienced parking problems (Fall only)

Comment	Number of comments	Percent of comments* (N=37)
Bullfrog	9	24%
Horseshoe Bend	6	16%
Trailer parking lot (unspecified location/marina)	5	14%
Navajo Bridge Interpretive Center	3	8%
Wahweap Marina	3	8%
Campground (unspecified location)	2	5%
Carl Hayden Visitor Center	2	5%
Lees Ferry	2	5%
Lone Rock	2	5%
Boat ramp (unspecified)	1	3%
Dell Ranch	1	3%
Halls Crossing	1	3%
<b>Total</b>	<b>37</b>	

***Willingness to park at a designated area and ride a shuttle*****Question 11b**

For the location that you encountered parking problem(s), would you be willing to park at a designated area and ride a shuttle bus to the location?

**Results**

- 51% of visitor groups would be willing to park at a designated area and ride a shuttle bus to the park location (see Figure 30).

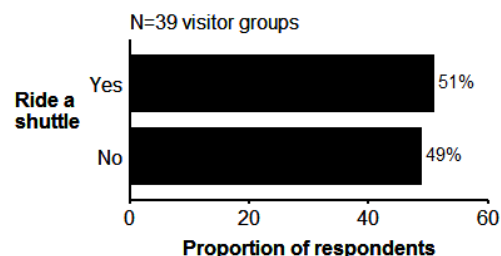


Figure 30. Willing to park at designated area and ride shuttle to park location (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Length of stay

### Question 4

On this trip, how much time, in total, did you spend within Glen Canyon NRA?

Results:

- 52% of Summer visitor groups and 60% of Fall visitor groups visited the park on more than one day (see Figure 31).
- 48% of Summer visitor groups and 40% of Fall visitor groups did not visit the park on more than one day.

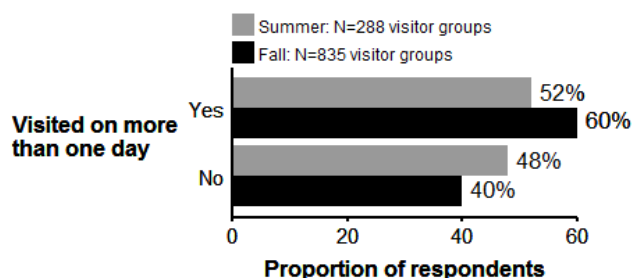


Figure 31. Visitor groups that visited the park on more than one day (comparison of responses from Summer and Fall surveys)

## Number of Hours

Visitor groups that visited on only one day spent:

Summer

- 33% of visitor groups visited for two or three hours (see Figure 32).
- 22% of visitor groups visited between four and five hours.
- 17% of visitor groups visited between six and seven hours.

Fall

- 39% of visitor groups visited for two or three hours (see Figure 32).
- 20% of visitor groups visited between four and five hours.
- 18% of visitor groups visited 8 or more hours.

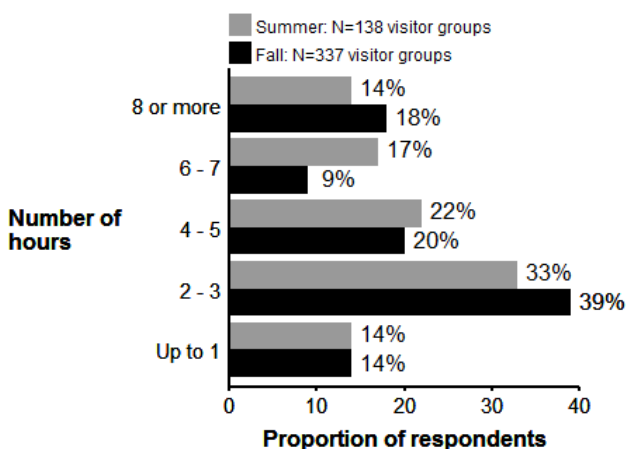


Figure 32. Number of hours spent visiting the park (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Number of Days

### Question 4

Visitor groups that visited the park on more than one day spent:

#### Summer

- 31% of visitor groups visited the park two days (see Figure 33).
- 19% of visitor groups visited the park three days.
- 14% of visitor groups visited the park four days.

#### Fall

- 28% of visitor groups visited the park two days (see Figure 33).
- 26% of visitor groups visited the park three days.
- 18% of visitor groups visited the park four days.

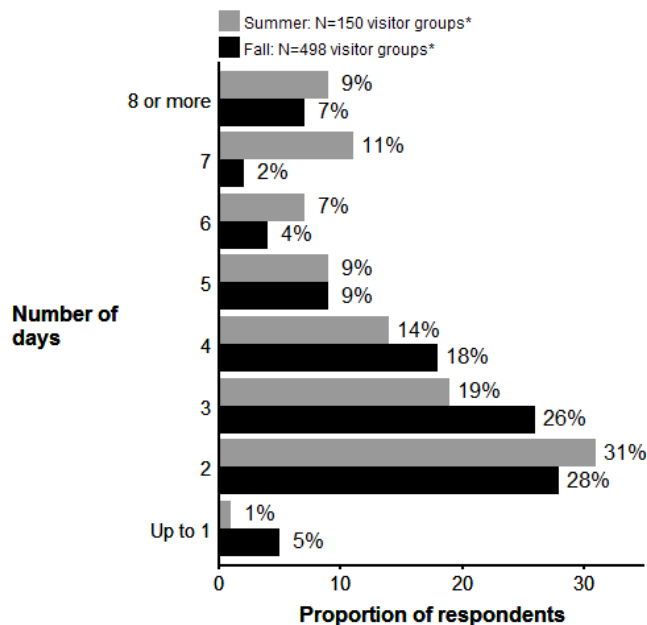


Figure 33. Number of days spent visiting the park (comparison of responses from Summer and Fall surveys)

## Overnight accommodations/lodging

### Question 12a

On this trip, did you and your personal group stay overnight away from your permanent residence in the Glen Canyon NRA area (within 120 miles radius of Page, AZ or Bullfrog, UT)?

Results:

#### Summer

- 78% of visitor groups stayed overnight in the Glen Canyon NRA area (see Figure 34).

#### Fall

- 62% of visitor groups stayed overnight in the Glen Canyon NRA area (see Figure 34).

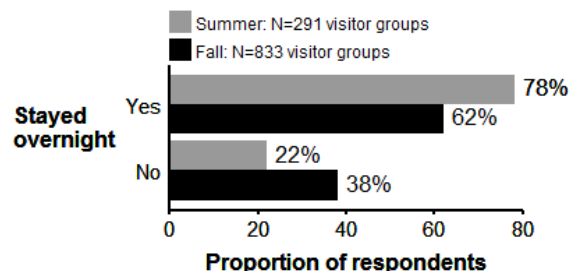


Figure 34. Stayed overnight in the park area (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Number of nights in the area

### Question 12b

What types of lodging and accommodations did you and your personal group use during your stay in the Glen Canyon NRA area (within 120 miles radius of Page, AZ or Bullfrog, UT)?

Results:

- 33% of visitor groups stayed in lodging outside the park (see Figure 35).
- 25% of visitor groups camped in developed campgrounds inside the park.
- 20% stayed at lodging inside the park.
- 12% stayed on a houseboat inside the park.

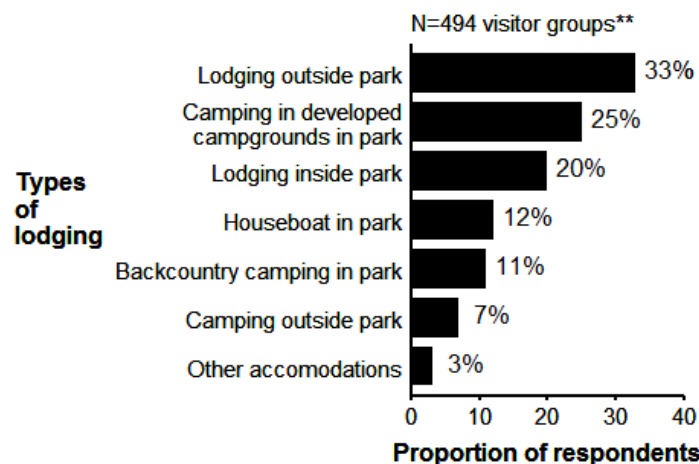


Figure 35. Accommodations used in the Glen Canyon NRA area (within 120 miles radius of Page, AZ or Bullfrog, UT) (Fall only)

### Question 12b

Please list the number of nights you and your personal group stayed in the Glen Canyon NRA area (within 120 miles radius of Page, AZ or Bullfrog, UT)?

Results:

- 53% of visitor groups stayed in the area for one or two nights (see Figure 36).
- 31% of visitor groups stayed overnight in the area for three or four nights.
- 16% stayed overnight in the area for five or more nights

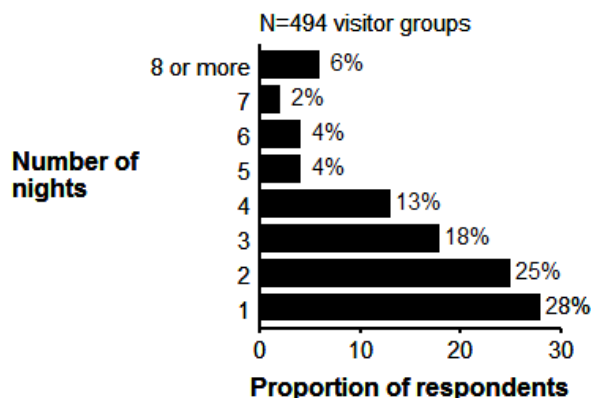


Figure 36. Number of nights spent in the Glen Canyon NRA area (within 120 miles radius of Page, AZ or Bullfrog, UT) (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Question 12b**

Please list the number of nights you and your personal group spent backcountry camping in Glen Canyon NRA?

Results:

Summer

- Six visitor groups indicated that they spent one or more nights in backcountry locations. Because of limited data, Summer data was omitted from the graph.

Fall

- Of the 56 visitor groups who camped at backcountry locations in Glen Canyon NRA, 73% spent one to three nights (see Figure 37).
- 27% of visitor groups spent four or more nights at backcountry locations in Glen Canyon NRA.

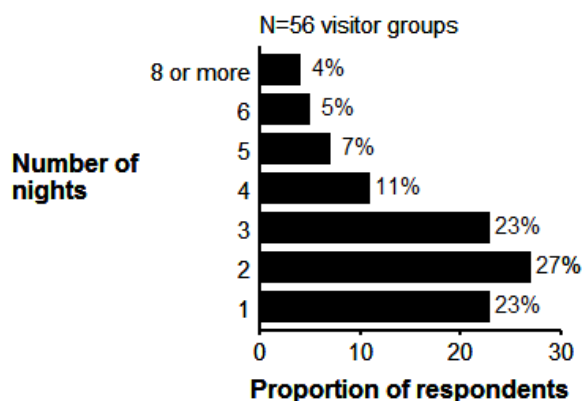


Figure 37. Number of nights at backcountry locations in Glen Canyon NRA (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Question 12b**

Please list the number of nights you and your personal group spent camping in developed campgrounds in Glen Canyon NRA?

Results:

**Summer**

- Of the 35 visitor groups who camped in developed campgrounds in Glen Canyon NRA, 62% spent one to three nights (see Figure 38).
- 37% of visitor groups spent four or more nights in developed campgrounds in Glen Canyon NRA.

**Fall**

- Of the 124 visitor groups who camped in developed campgrounds in Glen Canyon NRA, 74% spent one to three nights.
- 26% of visitor groups spent four or more nights in developed campgrounds in Glen Canyon NRA.

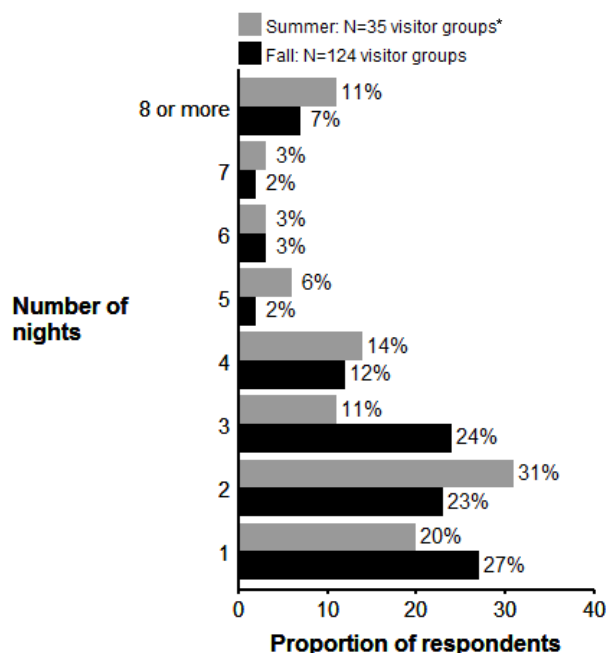


Figure 38. Number of nights in developed campgrounds in Glen Canyon NRA (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer



**Question 12b**

Please list the number of nights you and your personal group stayed in a houseboat in Glen Canyon NRA?

**Results:****Summer**

- Of the 35 visitor groups who stayed on a houseboat in Glen Canyon NRA, 20% spent one to three nights (see Figure 39).
- 80% of visitor groups spent four or more nights on a houseboat in Glen Canyon NRA.

**Fall**

- Of the 59 visitor groups who stayed on a houseboat in Glen Canyon NRA, 31% spent one to three nights.
- 70% of visitor groups spent four or more nights on a houseboat in Glen Canyon NRA.

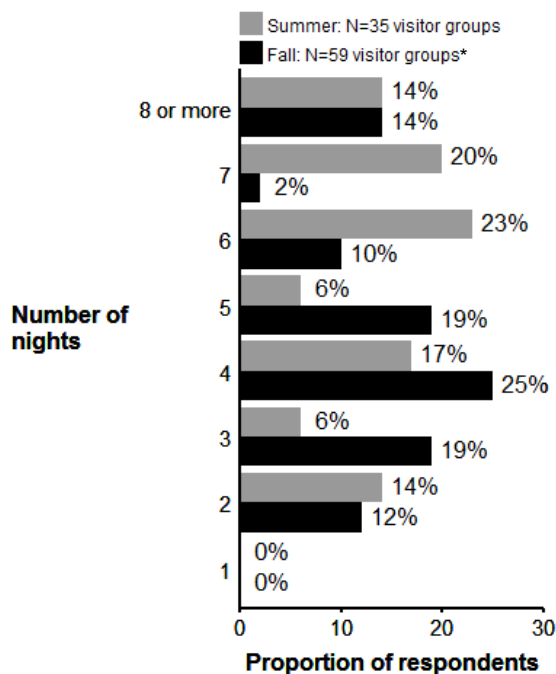


Figure 39. Number of nights in a houseboat in Glen Canyon NRA (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Question 12b

Please list the number of nights you and your personal group spent camping outside Glen Canyon NRA (within 120 miles radius of Page, AZ or Bullfrog, UT)?

## Results:

## Summer

- Of the 22 visitor groups who camped outside Glen Canyon NRA, 59% spent one to three nights (see Figure 40).
- 43% of visitor groups spent four or more nights camping outside Glen Canyon NRA.

## Fall

- Of the 34 visitor groups who camped outside Glen Canyon NRA, 67% spent one to three nights (see Figure 40).
- 33% of visitor groups spent four or more nights camping outside Glen Canyon NRA.

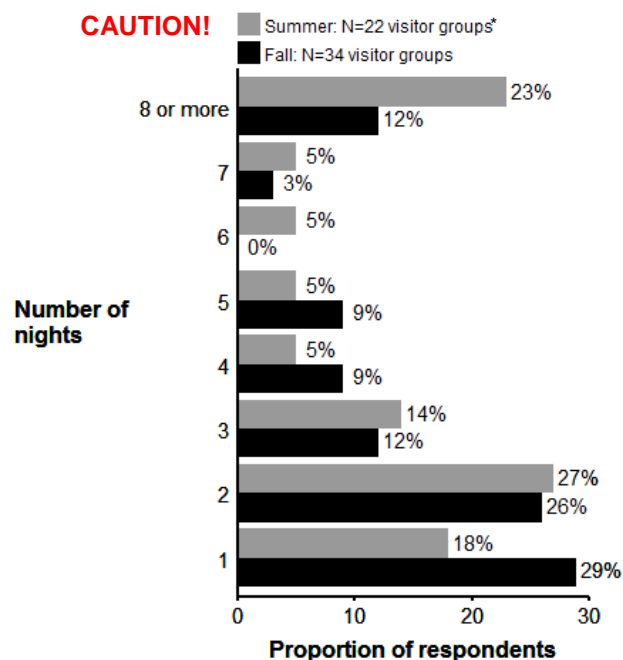


Figure 40. Number of nights camping outside Glen Canyon NRA (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Question 12b**

Please list the number of nights you and your personal group stayed at lodging inside Glen Canyon NRA?

**Results:****Summer**

- Of the 48 visitor groups who stayed at lodging inside Glen Canyon NRA, 77% spent one to three nights (see Figure 41).
- 22% of visitor groups spent four or more nights at lodging inside Glen Canyon NRA.

**Fall**

- Of the 100 visitor groups who stayed at lodging inside Glen Canyon NRA, 91% spent one to three nights (see Figure 41).
- 9% of visitor groups spent four or more nights at lodging inside Glen Canyon NRA.

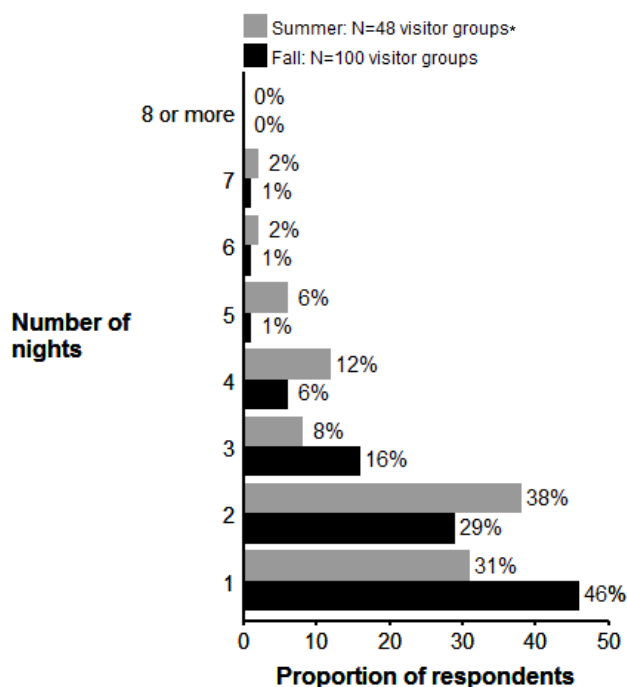


Figure 41. Number of nights at lodging inside Glen Canyon NRA (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Question 12b**

Please list the number of nights you and your personal group stayed at lodging outside Glen Canyon NRA (within 120 miles radius of Page, AZ or Bullfrog, UT)?

**Results:****Summer**

- Of the 104 visitor groups who stayed at lodging outside Glen Canyon NRA, 73% spent one to three nights (see Figure 42).
- 27% of visitor groups spent four or more nights at lodging outside Glen Canyon NRA.

**Fall**

- Of the 164 visitor groups who stayed at lodging outside Glen Canyon NRA, 89% spent one to three nights (see Figure 42).
- 11% of visitor groups spent four or more nights at lodging outside Glen Canyon NRA.

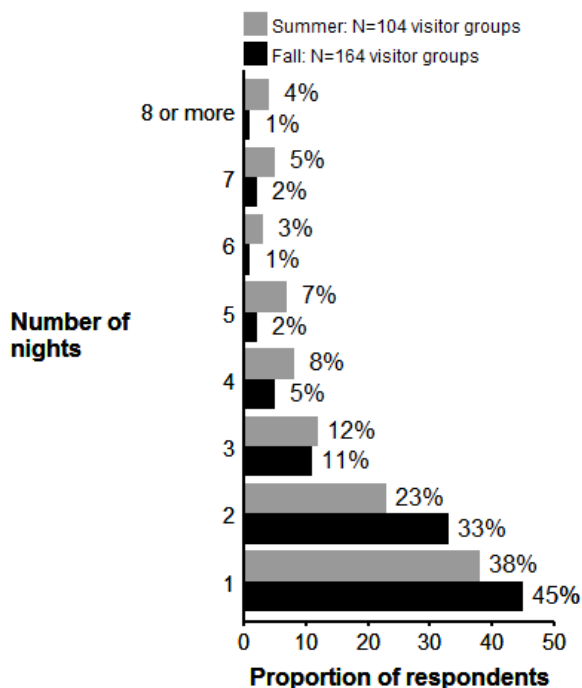


Figure 42. Number of nights at lodging outside Glen Canyon NRA (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Question 12b

Please list the number of nights you and your personal group spent at other accommodations (stayed with friends, relatives, etc. within 120 miles radius of Page, AZ or Bullfrog, UT)?

## Results:

Due to low item responses, a graph was not created for the number of nights visitor groups stayed in "Other accommodations".

## Summer

- Nine visitor groups stayed at other accommodations (stayed with friends, relatives, etc. within 120 miles radius of Page, AZ or Bullfrog, UT), two groups spent one night and seven groups spent two nights or more.

## Fall

- Fifteen visitor groups stayed at other accommodations (stayed with friends, relatives, etc. within 120 miles radius of Page, AZ or Bullfrog, UT), three groups spent one night and 12 groups spent two nights or more.

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

### ***Locations visited inside the park***

#### **Question 6**

On this trip, which of the following sites in Glen Canyon NRA did you and your personal group visit?

Results:

- 45% of visitor groups visited Horseshoe Bend (see Figure 43).
- 41% of visitor groups visited Carl Hayden Visitor Center.
- 41% of visitor groups visited Wahweap.
- 31% of visitor groups visited Antelope Point.
- 24% of visitor groups visited Lone Rock.
- 23% of visitor groups visited Lees Ferry.
- 18% of visitor groups visited Bullfrog.
- 17% of visitor groups visited Navajo Bridge Interpretive Center.
- 7% of visitor groups listed one or more "Other" locations (see Table 16).

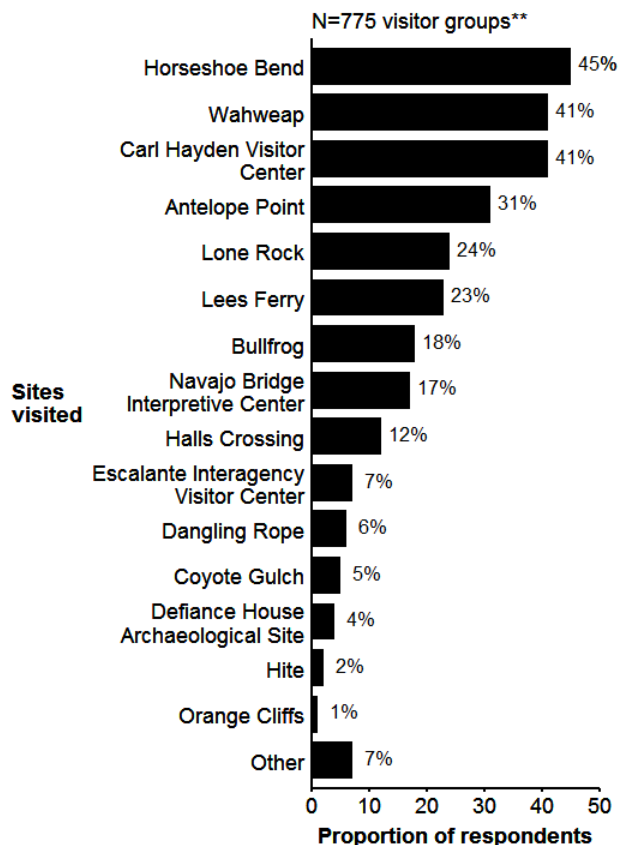


Figure 43. Sites visited on this trip (Fall only)

Table 16. "Other" locations visited at Glen Canyon NRA (Fall only)

Comment	Number of comments	Percent of comments* (N=74)
Antelope Canyon	13	18%
Rainbow Bridge	13	18%
Glen Canyon Dam	6	8%
Hole in the Rock	3	4%
Lower Antelope Canyon	3	4%
Hanging Gardens	2	3%
Vermillion Cliffs	2	3%
Other locations	32	43%
<b>Total</b>	<b>74</b>	

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## ***Activities participated in this visit***

### **Question 5a**

On this trip, in which of the following activities did you and your personal group participate within Glen Canyon NRA?

Note: Only the answer choices presented in both the Summer and Fall surveys are presented in Figure 44. There were two additional choices in the Fall survey: Backroad driving on 4WDs or ORVs, and Night sky/star gazing, presented in Figure 45.

### **Results**

- As shown in Figure 44 and Figure 45, visitor groups participated in the following activities on this visit:

### **Summer**

- 76% Viewing wildlife, scenery, etc.
- 57% Walking/short hike
- 43% Motorized water travel
- 38% Scenic driving on paved road
- 37% Visiting a cultural or historic site
- 37% Water play
- 24% Creative arts

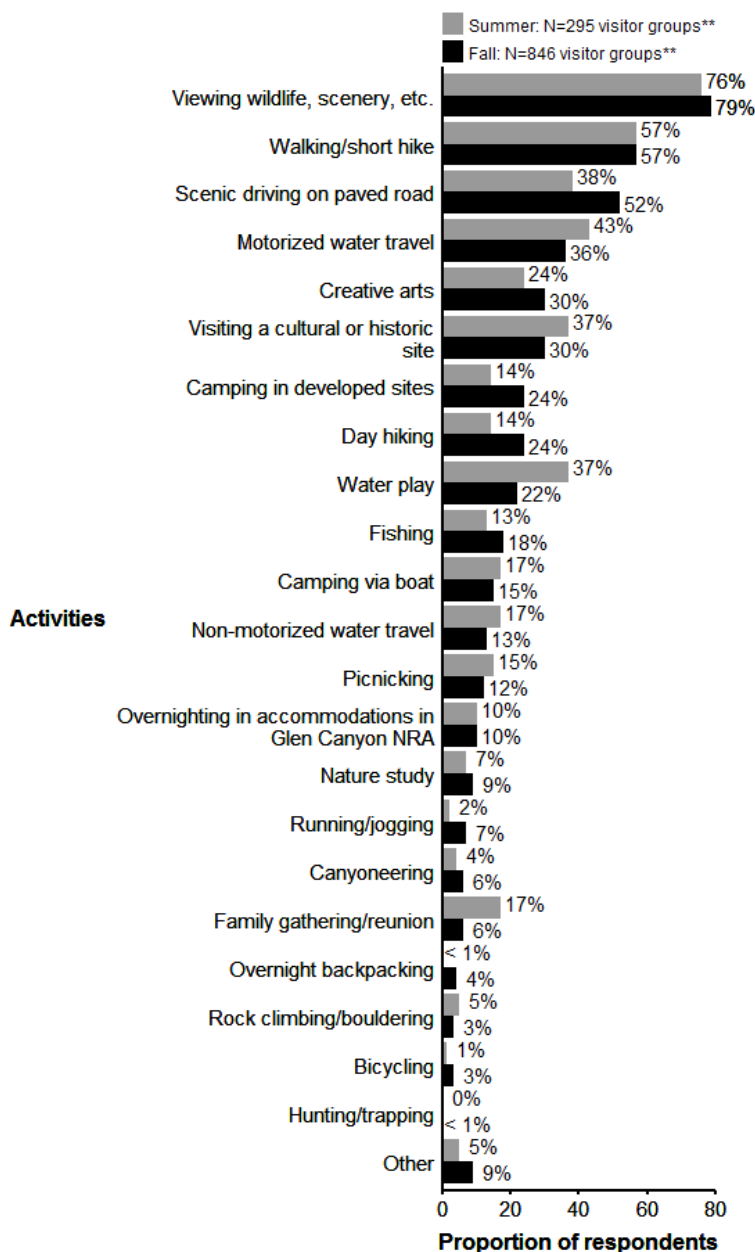


Figure 44. Activities participated in on this visit (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Fall

- 79% Viewing wildlife, scenery, etc.
- 57% Walking/short hike
- 52% Scenic driving on paved road
- 36% Motorized water travel (Specific modes of motorized water travel are listed in Table 18).
- 30% Visiting a cultural or historic site
- 30% Creative arts
- 29% Night sky/star gazing
- 24% Camping in developed sites
- 24% Day hiking
- 22% Water play. Specific types of water play are listed in Table 20.
- Specific modes of non-motorized water travel (13%) are listed in Table 19.
- Other activities participated in (9%) are listed in Table 17.

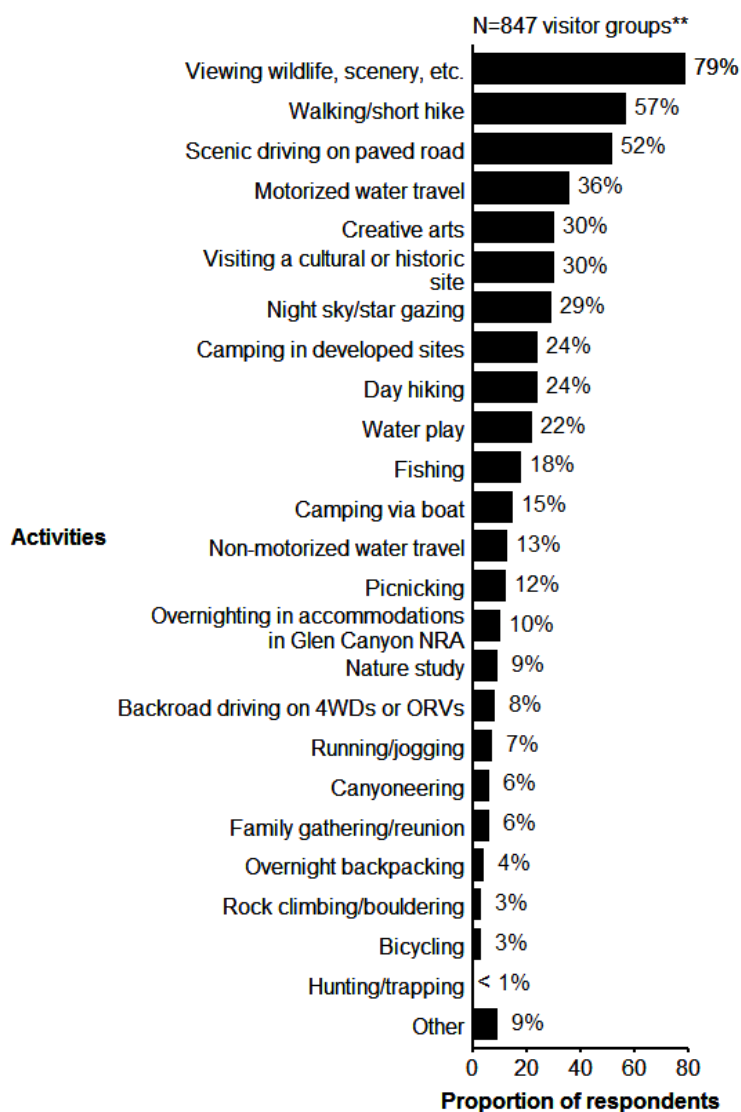


Figure 45. Visitor groups' activities participated in on this visit (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer



Table 17. "Other" activities participated in at Glen Canyon NRA (Fall only)

<b>Comment</b>	<b>Number of comments</b>	<b>Percent of comments* (N=67)</b>
Dam tour	9	13%
Camping	8	12%
Relaxing	7	10%
Boat tour	5	7%
Dining/eating	5	7%
RVing	3	4%
Visiting the dam	3	4%
Flying	2	3%
Golfing	2	3%
Sunbathing	2	3%
Other activities	21	31%
<b>Total</b>	<b>67</b>	

Table 18. Specific modes of motorized water travel used at Glen Canyon NRA (Fall only)

<b>Comment</b>	<b>Number of comments</b>	<b>Percent of comments* (N=214)</b>
Boating	118	55%
Boat tour	39	18%
Fishing boat	10	5%
Jet skiing	8	4%
Rafting	8	4%
Houseboat	5	2%
Water skiing	5	2%
Tour boat	3	1%
Cruise	2	1%
Other modes	16	7%
<b>Total</b>	<b>214</b>	

Table 19. Specific modes of non-motorized water travel used at Glen Canyon NRA (Fall only)

<b>Comment</b>	<b>Number of comments</b>	<b>Percent of comments* (N=79)</b>
Kayaking	42	53%
Paddle boarding	12	15%
Rafting	5	6%
Stand up paddleboard	5	6%
Canoeing	4	5%
Other modes	11	14%
<b>Total</b>	<b>79</b>	

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 20. Specific types of water play used at Glen Canyon NRA (Fall only)

<b>Comment</b>	<b>Number of comments</b>	<b>Percent of comments* (N=131)</b>
Swimming	85	65%
Wakeboarding	8	6%
Wading	6	5%
Water skiing	6	5%
Tubing	5	4%
Skiing	4	3%
Snorkeling	3	2%
Kneeboarding	2	2%
Surfing	2	2%
Water Skiing	2	2%
Other types	8	6%
<b>Total</b>	<b>131</b>	

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## ***Most important activity this visit***

### Question 5b

Which one of the activities listed is the most important activity to your visit?

Note: Only the answer choices presented in both the Summer and Fall surveys are presented in Figure 46. There were two additional choices in the Fall survey: Backroad driving on 4WDs or ORVs, and Night sky/star gazing, presented in Figure 47.

## Results

### Summer

- As shown in Figure 46, visitor groups' most important activities on this visit were:
- 27% Motorized water travel
- 26% Viewing wildlife, scenery, etc.
- 10% Visiting a cultural or historic site
- 7% Water play

### Primary activities

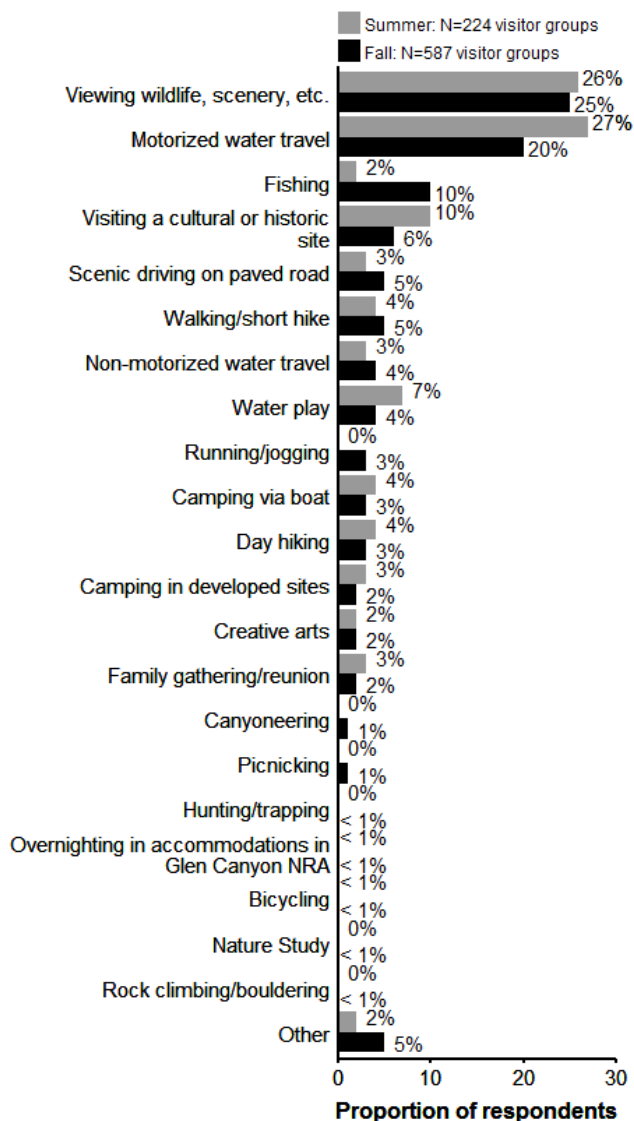


Figure 46. Visitor groups' most important activities on this visit (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Fall

- As shown in Figure 47, Fall visitor groups' most important activities on this visit were:
- 20% Viewing wildlife, scenery, etc.
- 16% Motorized water travel
- 8% Fishing
- 8% Camping (unspecified)
- 7% Hiking (unspecified)
- 5% Visiting a cultural or historic site
- "Other" most important activities (4%) listed included:
  - Flying
  - Photography
  - Relaxing
  - Out riggers

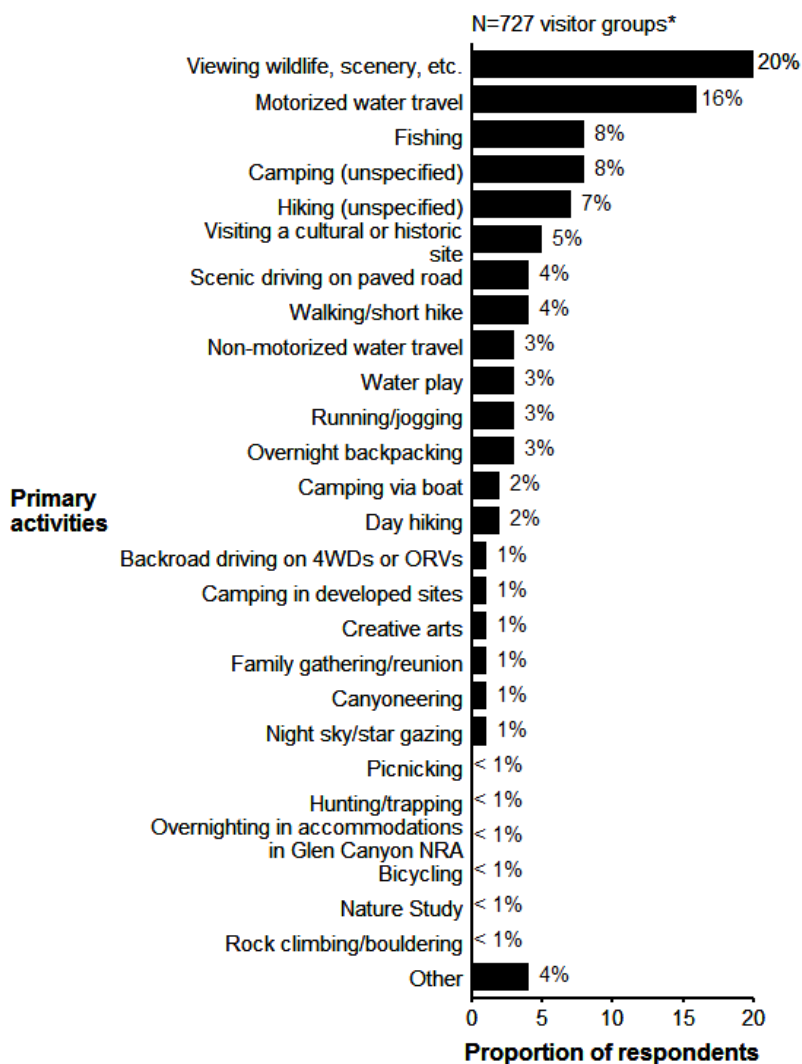


Figure 47. Fall visitor groups' most important activities on this visit (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

### ***Visitors with a physical condition***

#### **Question 23a**

Does anyone in your personal group have a physical condition that made it difficult to access or participate in park activities or services?

Results:

- As shown in Figure 48, 96% of Summer visitor groups and 93% of Fall visitor groups did not have group members with a physical condition.
- 4% of Summer visitor groups and 7% of Fall visitor groups had members with a physical condition.

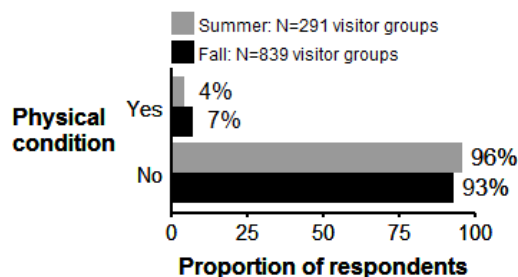


Figure 48. Visitor groups with members who had a special condition (comparison of responses from Summer and Fall surveys)

#### **Question 23b**

If anyone in your personal group had a physical condition that made it difficult to access or participate in park activities or services, in what activities, services, or facilities did the person(s) have difficulty accessing or participating?

Results:

- 58 visitor groups provided one or more comments regarding activities, services, and facilities that were difficult to access. Table 21 lists the comments provided by visitor groups.

Table 21. Activities, services, and facilities that were difficult to access (Fall only)

Activity/service/facility	Number of comments	Percent of comments* (N=60)
Hiking/walking trails	49	82%
Climbing	2	3%
Docks/boat ramps	2	3%
Dam tour	1	2%
Hearing	1	2%
Houseboating	1	2%
Interpretative material	1	2%
Lectures for children	1	2%
Slot canyon	1	2%
Wheelchair access	1	2%
<b>Total</b>	<b>60</b>	

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Question 23c

Because of the physical condition, what specific problems did the person(s) have during this visit to Glen Canyon NRA?

Results:

NOTE: Due to a low number of responses to this question, results from the Summer survey should be interpreted with caution.

As shown in Figure 49, visitor groups in which members had a physical condition experienced the following problem on this visit to the park:

#### Summer

- 75% Mobility
- 8% Hearing
- 8% Visual
- 8% Other

#### Fall

- 91% Mobility
- 7% Hearing
- 4% Visual
- “Other” (11%) specific problems listed included:
  - Parking
  - Problems with heat

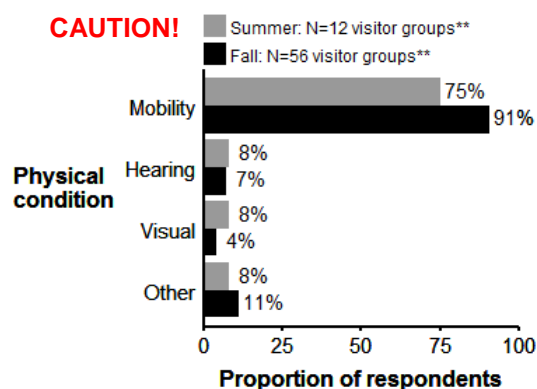


Figure 49. Problems that members of visitor groups had due to a physical condition (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Ratings of Services, Facilities, Attributes, Resources, and Elements

### Importance of facilities

#### Question 7a

Please rate the importance of the facilities listed to your visit from 1-5 where:

- 1=Not important
- 2=Somewhat important
- 3=Moderately important
- 4=Very important
- 5=Extremely important

#### Results:

- Table 22 shows the importance ratings for each facility.
- As shown in Figure 50, visitor groups rated the following facilities as “Very important” or “Extremely important”:
- 66% Campgrounds
- 55% Glen Canyon Dam
- 49% Bullfrog Marina
- 48% Carl Hayden Visitor Center
- 47% Wahweap Marina
- 41% Hall Crossing Marina
- 38% Picnic areas

#### Facilities

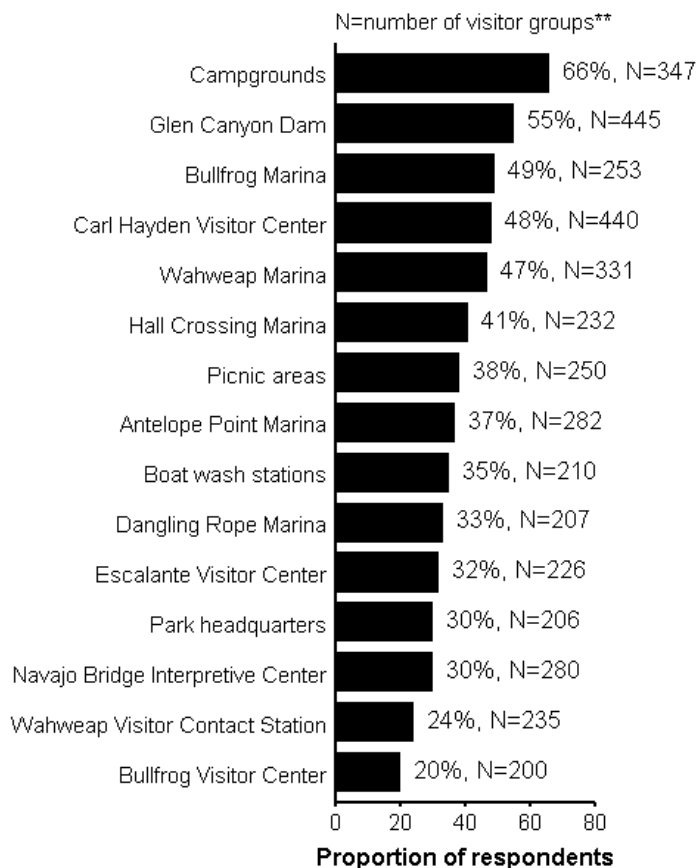


Figure 50. Combined ratings of “Very important” and “Extremely important” for facilities in the park (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 22. Importance ratings of facilities (Fall only)  
(N=number of visitor groups)

Facility	N	Rating (%) <sup>*</sup>				
		Not at all important	Slightly important	Moderately important	Very important	Extremely important
<b>Carl Hayden Visitor Center</b>	440	22	7	23	27	20
<b>Navajo Bridge Interpretive Center</b>	280	39	10	22	18	11
<b>Glen Canyon Dam</b>	445	14	9	22	25	30
<b>Escalante Visitor Center</b>	226	44	7	16	17	15
<b>Bullfrog Visitor Center</b>	200	51	13	16	14	7
<b>Wahweap Visitor Contact Station</b>	235	40	17	18	15	9
<b>Antelope Point Marina</b>	282	36	10	18	20	16
<b>Wahweap Marina</b>	331	25	11	17	19	27
<b>Dangling Rope Marina</b>	207	49	7	11	13	21
<b>Bullfrog Marina</b>	253	38	6	8	16	33
<b>Hall Crossing Marina</b>	232	44	6	10	16	25
<b>Boat wash stations</b>	210	49	6	10	17	18
<b>Park headquarters</b>	206	46	10	15	20	10
<b>Campgrounds</b>	347	25	3	6	20	46
<b>Picnic areas</b>	250	37	8	16	22	16

<sup>\*</sup>total percentages do not equal 100 due to rounding

<sup>\*\*</sup>total percentages do not equal 100 because visitors could select more than one answer



## Use of facilities

### Question 7b

Please mark all the visitor facilities that you or your personal group used during this visit to Glen Canyon NRA.

Note: Respondents answered a series of “Yes” or “No” questions to determine usage.

#### Results:

- As shown in Figure 51, visitor groups used the following facilities during their visit to the park:
- 62% Glen Canyon Dam
- 54% Carl Hayden Visitor Center
- 42% Campgrounds
- 42% Wahweap Marina
- 27% Bullfrog Marina
- 27% Navajo Bridge Interpretive Center
- 26% Antelope Point Marina
- 23% Picnic areas

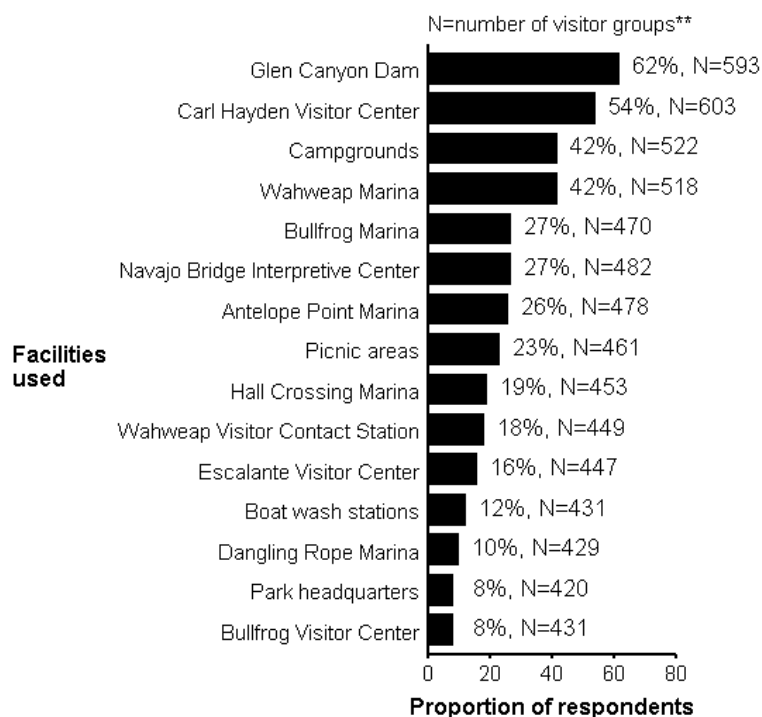


Figure 51. Facilities used during this visit to the park (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Quality of facilities used****Question 7c**

For only those facilities that you or your personal group used, please rate their quality from 1-5 where:

1=Very poor

2=Poor

3=Average

4=Good

5=Very good

**Results:**

- Table 23 shows the quality ratings for each facility.
- As shown in Figure 52, visitor groups rated the following facilities as “Good” or “Very good”:
- 89% Glen Canyon Dam
- 87% Escalante Visitor Center
- 86% Carl Hayden Visitor Center
- 84% Antelope Point Marina
- 82% Hall Crossing Marina
- 80% Picnic areas
- 80% Navajo Bridge Interpretive Center

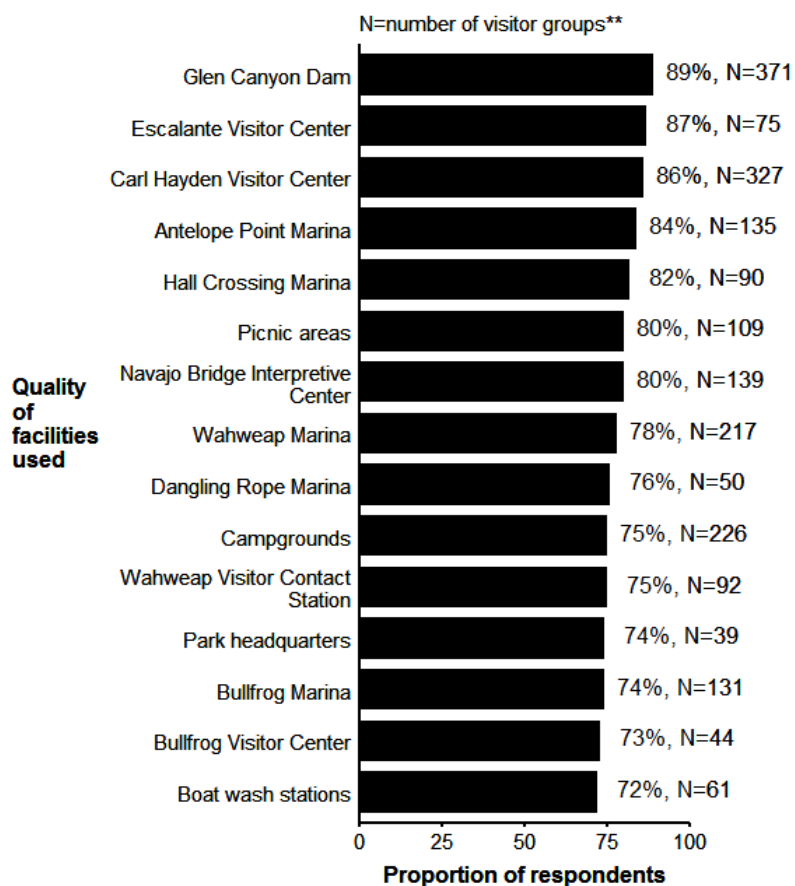


Figure 52. Combined ratings of “Good” and “Very good” for facilities in the park (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 23. Quality ratings of facilities (Fall only)  
(N=number of visitor groups)

Facility	N	Rating (%)*				
		Very poor	Poor	Average	Good	Very good
<b>Carl Hayden Visitor Center</b>	327	1	3	10	33	53
<b>Navajo Bridge Interpretive Center</b>	139	0	1	19	40	40
<b>Glen Canyon Dam</b>	371	0	0	10	33	57
<b>Escalante Visitor Center</b>	75	0	3	11	35	52
<b>Bullfrog Visitor Center</b>	44	5	0	23	45	27
<b>Wahweap Visitor Contact Station</b>	92	1	3	21	34	41
<b>Antelope Point Marina</b>	135	0	1	14	39	46
<b>Wahweap Marina</b>	217	0	0	21	35	43
<b>Dangling Rope Marina</b>	50	2	4	18	30	46
<b>Bullfrog Marina</b>	131	2	6	18	44	31
<b>Hall Crossing Marina</b>	90	3	2	12	46	37
<b>Boat wash stations</b>	61	2	3	23	34	38
<b>Park headquarters</b>	39	3	0	23	41	33
<b>Campgrounds</b>	226	1	3	21	31	45
<b>Picnic areas</b>	109	2	1	17	43	37

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Question 7d**

If you rated the quality of any of the above facilities as "Poor" or "Very poor" please explain.

**Results**

- Table 24 shows visitor comments on the services and facilities rated as "Poor" or "Very poor".

Table 24. Visitor comments on services and facilities that received "Poor" or "Very poor" quality rating (Fall only)

<b>Location</b>	<b>Service</b>	<b>Comment</b>	<b>Number of times mentioned</b>
<b>Carl Hayden Visitor Center</b>	Information	Exhibits were unavailable	5
		Not good and clear information and they weren't so nice!	1
		Visitor center was closed couldn't view maps	1
	Personnel	We waited inside the door for over 5 minutes, no one came to assist us - just looked like offices, so we left	1
	Dam tour	Due to construction, unable to view the lower level Cannot make tour reservation on phone	2 1
<b>Horseshoe Bend</b>	Facility	No bathrooms available	1
<b>Escalante</b>	Information	Wrong information about campground openings	1
	Facility	No easy access hiking trails	1
<b>Navajo Bridge</b>	Information	No information about kayaking/boating	1
		Plexiglass needs replacing on descriptive panels - cannot read	1
	Facility	Not enough parking	1
<b>Wahweap Marina</b>	Facility	Poor signage	1
		Fee stations closed	1
		Fix electric "shock" issues	1
		Lake Powell resort needs renovating	1
	Campgrounds	Disappointed at pay showers	1
<b>Lees Ferry</b>	Access	The walk from the parking lot is too long for people with disability/older	1
	Facility	Bathrooms out of order and need improvement	2
	Campgrounds	Need some upgrades	1
		It's clean and well maintained, but also a bit worn - most of the wind blocks need repair	1
		Need more sites	2
		Bathrooms needs upgrades	1
<b>Dangling Rope</b>	Facility	No service on fuel dock	2
		Store inventory lacks variety	1
	Personnel	Untrained employees	1

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 24. Visitor comments on services and facilities that received "Poor" or "Very poor" quality rating (continued)

Location	Service	Comment	Number of times mentioned
<b>Halls Crossing</b>	Campgrounds	Restroom/shower not as well maintained as in the past	1
		Bathrooms very nice/pads and drainage need improved	1
	Personnel	No presence by Aramark at upper store	1
		Attendant did not have proper key to start machine at 2pm.	1
		Poor customer service	1
	Information	Need better Wifi	1
	Facility	Dock lights are inoperative and loose dock boards are a tripping hazard	1
		Facilities are dirty and not well maintained	2
		Fuel station out of service	1
<b>Bullfrog</b>	Campgrounds	Bathrooms were dirty	5
	Facility	Walkways are dangerous, boards are loose	1
		Very poor services - expensive compared to other marinas; security water, lighting, no showers, pools, hot water, storage, facilities, no wifi and that works; cell service and Frontier was poor	1
		hard wires to slips	
		Need one more dock	1
		Marina needs work/maintenance	1
		Area around the marina is littered with junk and infrastructure exposed by low water	1
		Only 1 narrow gravel dock	1
		Not well maintained, poor service	1
		Fee stations closed, the machine did not work	1
	Personnel	Staff is rude and in the case of Aramark, uninformed and incompetent	1
		Poor service, waited 4 hours to get houseboat rental	1
	Information	Visitor center was not open during visit	1
		Visitor center had no posted hours	1
<b>Unspecified location</b>	Policy	Need to enforce dog on leash policy	1
		Too expensive for a parking spot	1
		Need to enforce quiet hours	1
	Information	Poor directional signage	1
	Facility	Bathroom facilities in desrepair, need updating	1
		Lacked privacy and fire pit	1
		Should have 120 volt powerplug	1
		Could use some additional camping areas for non-boaters	1

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 24. Visitor comments on services and facilities that received “Poor” or “Very poor” quality rating (continued)

<b>Location</b>	<b>Service</b>	<b>Comment</b>	<b>Number of times mentioned</b>
<b>Picnic area</b>	Signage	Unable to locate	2
<b>Boat wash station</b>	Facility	Boat wash stations were closed	4
<b>Visitor center</b>	Information	Very little information, no exhibits	2
<b>Bathrooms</b>	Information	Dirty and need maintenance	3
<b>Stores/gas stations</b>	Information	Hour of operation too short	1
<b>Trail</b>	Information	Not enough information on trails	1

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Importance of services****Question 8a**

Please rate the importance of the services listed to your visit from 1-5 where:

- 1=Not important
- 2=Somewhat important
- 3=Moderately important
- 4=Very important
- 5=Extremely important

**Results:**

- Table 25 shows the importance ratings for each service.
- As shown in Figure 53, visitor groups rated the following services as “Very important” or “Extremely important”:

- 77% Park brochure/map
- 64% Assistance from park rangers
- 60% Glen Canyon NRA website
- 52% Outdoor exhibits
- 47% Indoor exhibits
- 46% Glen Canyon Dam tour
- 37% Visitor center movies/videos

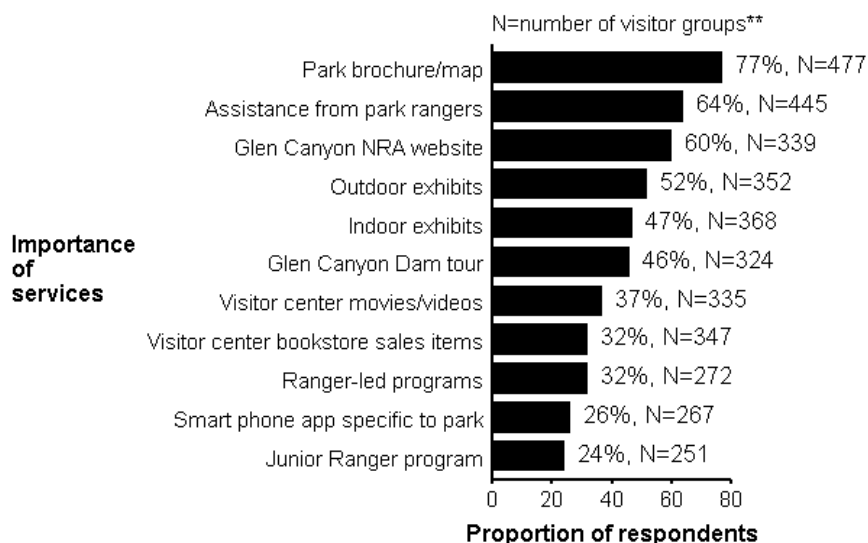


Figure 53. Combined ratings of “Very important” and “Extremely important” for services in the park (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 25. Importance ratings of services (Fall only)  
(N=number of visitor groups)

Service	N	Rating (%)*				
		Not at all important	Slightly important	Moderately important	Very important	Extremely important
Assistance from park rangers	445	13	7	17	27	37
Ranger-led programs	272	40	10	18	17	15
Indoor exhibits	368	24	11	19	27	19
Outdoor exhibits	352	21	7	21	30	22
Park brochure/map	477	6	4	13	29	48
Visitor center bookstore sales items	347	31	12	25	20	12
Visitor center movies/videos	335	30	11	22	21	16
Smart phone app specific to park	267	45	12	16	16	10
Glen Canyon Dam tour	324	28	7	18	20	26
Junior Ranger program	251	55	7	15	12	12
Glen Canyon NRA website	339	19	5	16	27	33

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer



## Use of services

### Question 8b

Please mark all the visitor services that you or your personal group used during this visit to Glen Canyon NRA.

Note: Respondents from the Fall survey answered a series of “Yes” or “No” questions to determine usage.

#### Results:

As shown in Figure 55 and Figure 54, visitor groups used the following services during their visit to the park:

#### Summer

- 40% Park brochure/map
- 40% Outdoor exhibits
- 34% Interacting with park rangers (written as “Talking informally with a ranger” in the Summer questionnaire)
- 32% Indoor exhibits

#### Fall

- 66% Park brochure/map
- 47% Interacting with park rangers (written as “Assistance from park rangers” in the Fall questionnaire)
- 36% Glen Canyon NRA website
- 36% Outdoor exhibits

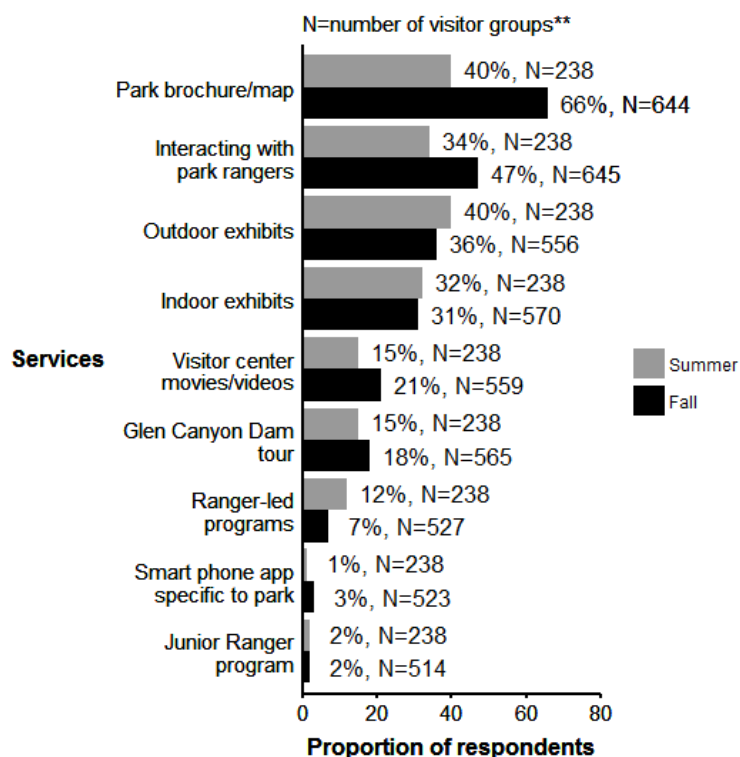


Figure 54. Services used during this visit to the park (answer choices included in both Summer and Fall surveys)

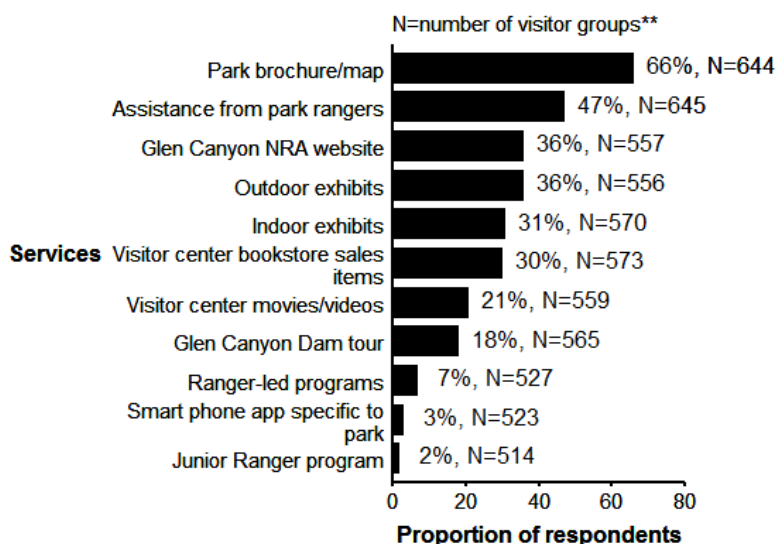


Figure 55. Services used during this visit to the park (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

### ***Quality of services used***

#### **Question 8c**

For only those services that you or your personal group used, please rate their quality from 1-5 where:

- 1=Very poor
- 2=Poor
- 3=Average
- 4=Good
- 5=Very good

Results:

- Table 26 shows the quality ratings for each service.
- As shown in Figure 56, visitor groups rated the following services as “Good” or “Very good”:
- 90% Assistance from park rangers
- 87% Glen Canyon Dam tour
- 84% Park brochure/map
- 83% Glen Canyon NRA website
- 81% Ranger-led programs
- 80% Visitor centers movies/videos
- 79% Indoor exhibits
- 77% Outdoor exhibits

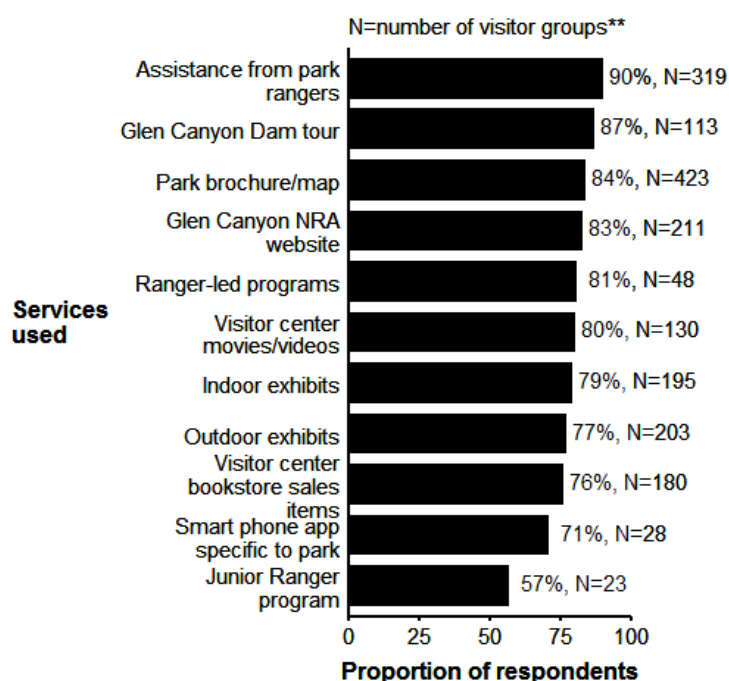


Figure 56. Combined ratings of “Good” and “Very good” for services in the park (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 26. Quality ratings of services (Fall only)

(N=number of visitor groups)

Service	N	Rating (%)*				
		Very poor	Poor	Average	Good	Very good
Assistance from park rangers	319	1	2	7	25	65
Ranger-led programs	48	2	0	17	19	63
Indoor exhibits	195	0	1	19	39	40
Outdoor exhibits	203	0	0	22	35	42
Park brochure/map	423	1	1	14	37	47
Visitor center bookstore sales item	180	0	1	23	42	34
Visitor center movies/videos	130	1	1	18	34	46
Smart phone app specific to park	28	4	0	25	36	36
Glen Canyon Dam tour	113	2	1	11	19	67
Junior Ranger program <b>CAUTION!</b>	23	4	4	35	9	48
Glen Canyon NRA website	211	0	1	16	50	34

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Question 8d

If you rated the quality of any of the above services as “Poor” or “Very poor” please explain.

Results:

- Table 27 lists the services that were rated as “Poor” or “Very poor” quality.

Table 27. Explanation of “Poor” or “Very poor” quality ratings (Fall only)

Service	Reason	Number of times mentioned
<b>Camp store</b>	Inadequate hours	1
<b>Glen Canyon Dam tour</b>	Partial closure	2
	No reservations	1
<b>Glen Canyon NRA website</b>	Not enough information	1
<b>Indoor exhibits</b>	Under construction	3
<b>Junior ranger program</b>	No kids	1
<b>Junior ranger program</b>	Just adults	1
<b>Movie</b>	Too much propaganda not enough facts	1
<b>Outdoor exhibits</b>	Some signs were cracked due to weathering	1
<b>Park brochure/map</b>	Brochure "Step the Spread" is outdated regarding certificate before launching	1
	Bad quality! Not clear!	1
	Need a more accurate map of lake	1
	Need to update	1
	Hard to get; doesn't show much	1
	Change description of wiregrass canyon; rail difficult to follow, steep drop offs	1
	Insufficient number of park map/brochure	1
	More on all trails!	1
<b>Park rangers</b>	Assistance refueling on the water	1
	Low geologic and scientific knowledge	1
	Said they would take care of T-P problem; did nothing; he was from Texas	1
	Too busy to answer questions	1
	Would not help with campsite	1
	Bad attitude - more interested in flexing muscle than interp	1
<b>Park website</b>	No info i.e., metal detecting legal?	1

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

***Additional services or facilities*****Question 9**

What other additional services or facilities would you like to have available at Glen Canyon NRA?

Results:

- 39% Swimming beach access (see Figure 57).
- 34% “Other” services. Other services used are listed in Table 28.
- 27% “Other” type of hiking trails.
- 27% Self guiding nature trails. The most common locations suggested for self-guided hiking trails include:
  - Anywhere
  - Bullfrog
  - Horseshoe Bend
  - Lake Powell shoreline
  - Near visitor center
  - Near/overlooking the dam
  - Wahweap
- 11% Additional parking. The most common locations suggested for additional parking include:
  - Near beach/shoreline
  - Near boat ramps and rentals
  - Off season on boat ramp
  - Visitor Center
  - Wahweap

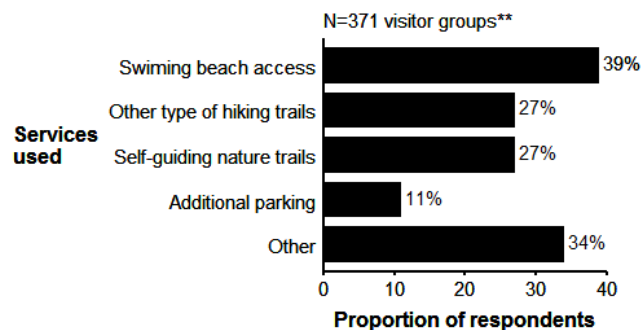


Figure 57. Additional services or facilities desired at park (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 28. Activities, services and facilities that were difficult to access (Fall only)

<b>Activity/service/facility</b>	<b>Number of comments</b>	<b>Percent of comments* (N=117)</b>
Restrooms	13	11%
Additional camping areas	9	8%
Mountain bike trails	6	5%
Maintained hiking trails	3	3%
Additional primitive camping areas	2	2%
Bicycle trails	2	2%
More kayak/paddleboard access	2	2%
WIFI	2	2%
78 other activities/services/facilities	78	67%
<b>Total</b>	<b>117</b>	

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Importance of attributes and resources

### Question 14

It is the National Park Service's responsibility to protect Glen Canyon NRA's natural, scenic, and cultural resources, while at the same time providing for public enjoyment. How important is protection of the following attributes/resources in the park to you?

- 1=Not important
- 2=Somewhat important
- 3=Moderately important
- 4=Very important
- 5=Extremely important

#### Results:

- Table 29 shows the importance ratings for each attribute and resource.
- As shown in Figure 58, visitor groups rated the following attributes and resources as "Very important" or "Extremely important":
  - 94% Clean water
  - 94% Natural settings
  - 94% Scenic views
  - 90% Clean air
  - 88% Native wildlife
  - 84% Natural quiet/sounds of nature

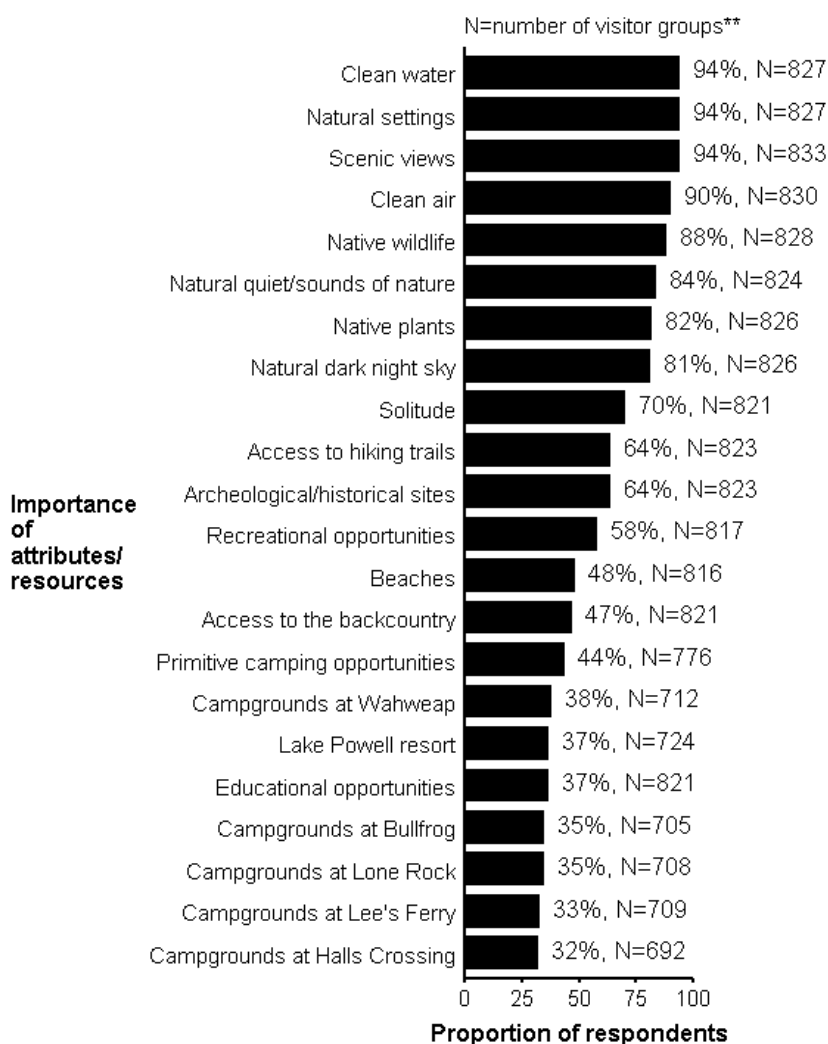


Figure 58. Combined ratings of "Very important" and "Extremely important" for attributes and resources (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 29. Importance of attributes and resources (Fall only)  
(N=number of visitor groups)

Attributes/resource	N	Rating (%)*				
		Not at all important	Slightly important	Moderately important	Very important	Extremely important
Scenic views	833	0	1	4	35	59
Natural settings	827	0	0	5	36	58
Native wildlife	828	1	2	9	33	55
Native plants	826	1	2	14	32	50
Natural quiet/sounds of nature	824	1	3	12	33	52
Solitude	821	3	5	22	33	38
Clean air	830	0	2	8	34	55
Clean water	827	0	1	5	32	62
Natural dark night sky	826	2	2	14	34	47
Recreational opportunities	817	4	10	28	33	25
Educational opportunities	821	8	20	36	25	12
Access to the backcountry	821	11	13	29	28	19
Archeological/historical sites	823	3	10	23	33	31
Access to hiking trails	823	4	9	22	35	29
Beaches	816	11	13	28	27	21
Primitive camping opportunities	776	23	14	20	21	23
Campgrounds at Lee's Ferry	709	28	15	24	18	15
Campgrounds at Lone Rock	708	28	14	23	18	17
Campgrounds at Wahweap	712	27	14	22	21	17
Campgrounds at Bullfrog	705	27	14	25	19	16
Campgrounds at Halls Crossing	692	28	14	26	19	14
Lake Powell resort	724	21	16	26	23	14

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer



## ***Likelihood of visiting park in future***

### **Question 13**

How would each of the following factors affect your likelihood of visiting Glen Canyon NRA in the future?

#### **Results:**

- Table 30 shows the factors affecting likelihood of visiting park in the future.
- As shown in Figure 59, the factors that increase the likelihood of a future visit are:
  - 34% Higher water level in the lake
  - 34% Lower gas prices
  - 30% More cell phone/wireless service/coverage
  - 30% More lake access locations
  - 22% Less evidence of grazing or mining
- As shown in Figure 60, the factors that decrease the likelihood of a future visit are:
  - 30% More evidence of grazing or mining
  - 28% Lower water level in the lake
  - 28% Higher gas prices
  - 20% fewer lake access locations

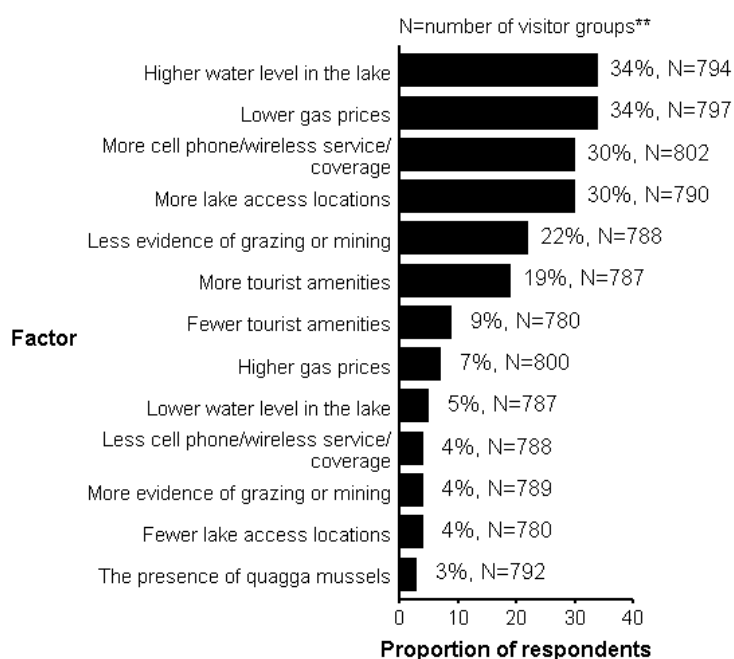


Figure 59. Factors increasing likelihood of visiting park in future (Fall only)

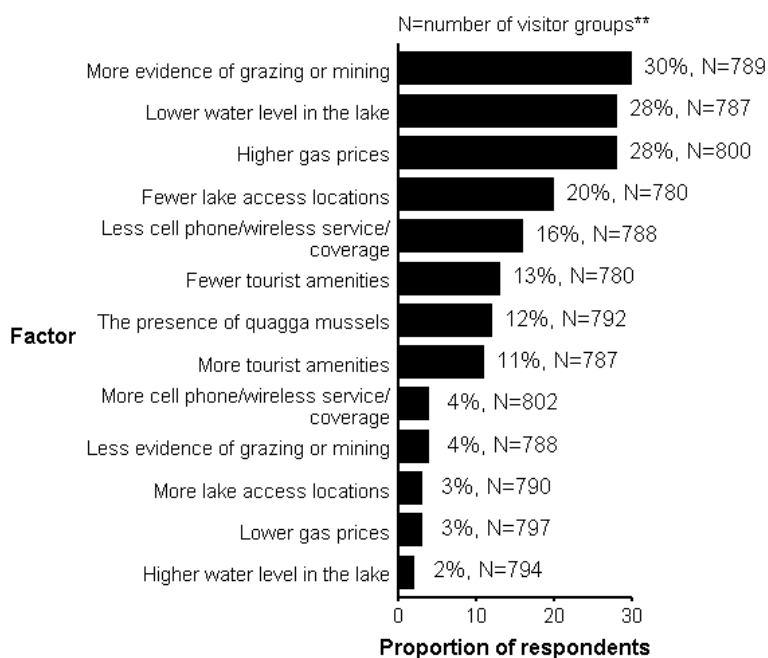


Figure 60. Factors decreasing likelihood of visiting park in future (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 30. Likelihood of future visit (Fall only)  
(N=number of visitor groups)

Factor	Likelihood of future visit (%) <sup>*</sup>			
	N	Less likely	No effect	More likely
Higher gas prices	800	28	66	7
Lower gas prices	797	3	63	34
Higher water level in the lake	794	2	64	34
Lower water level in the lake	787	28	67	5
More tourist amenities	787	11	70	19
Fewer tourist amenities	780	13	78	9
More lake access locations	790	3	67	30
Fewer lake access locations	780	20	77	4
More evidence of grazing or mining	789	30	66	4
Less evidence of grazing or mining	788	4	74	22
More cell phone/wireless service/coverage	802	4	66	30
Less cell phone/wireless service/coverage	788	16	80	4
The presence of quagga mussels	792	12	86	3

<sup>\*</sup>total percentages do not equal 100 due to rounding

<sup>\*\*</sup>total percentages do not equal 100 because visitors could select more than one answer

## ***Interpretive program /information services desired in future***

### **Question 25**

On a future visit to Glen Canyon NRA, what interpretive program/information services would you and your personal group like to have available at the park?

Results:

- As shown in Figure 61, 55% of visitor groups are interested in interpretive program/information services on a future visit. Desired interpretive program/ information services (See Figure 62) include:

- 54% Night sky programs
- 36% Roving rangers available to answer questions
- 35% Outdoor exhibits
- 32% Rafting trip on the river
- 26% Ranger talks/programs
- 22% Indoor exhibits
- 20% campfire programs
- The “Other” programs/ services include:

- Interpretive information for the simple visitor to Lone Rock
- Hiking Navajo Mountain
- Freedom to the people, USA citizens
- Impact of dam and human usage on the environment natural ecosystem
- Fishing in the free flowing parts of Colorado
- Pay stations with rangers in attendance
- Better wifi
- Mountain bike trails
- Historical and archeological tours

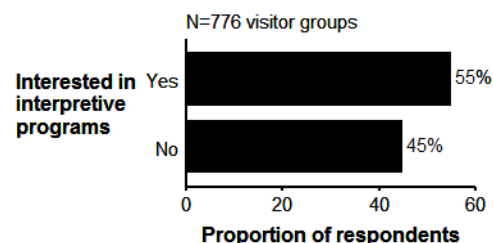


Figure 61. Visitor groups interested in interpretive program/information services in the future (Fall only)

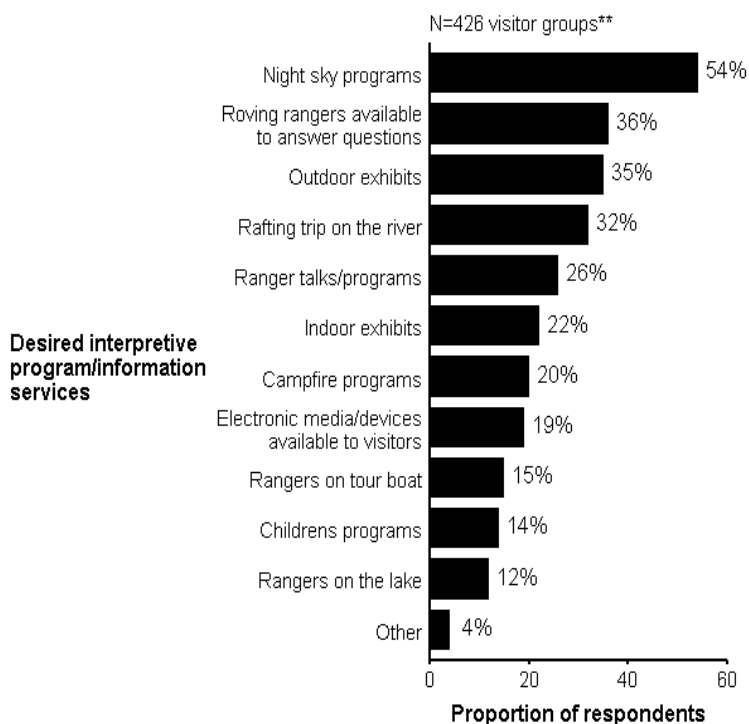


Figure 62. Interpretive program/information services desired in the future (Fall only)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

**Visitor Comment Summaries*****What visitor groups like most and least*****Question 24a**

What did you and your personal group like most about this visit to Glen Canyon NRA?

**Results:**

- 751 visitor groups responded to this question. Responses are in six distinct categories: resource management, interpretive programs, personnel, policy management, facilities management, and general comments. Summaries of these comments are in Table 31. The complete open-ended comments are in Appendix C.

**Question 24b**

What did you and your personal group like least about this visit to Glen Canyon NRA?

**Results:**

- 587 visitor groups responded to this question. Responses are in six distinct categories: resource management, interpretive programs, personnel, policy management, facilities management, and general comments. Summaries of these comments are in Table 32. The complete open-ended comments are in Appendix C.

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 31. What visitor groups liked most about their visit to Glen Canyon NRA (Fall only)

<b>Comment</b>	<b>Number of times mentioned (N=1,109)</b>
<b>Resource management (66%)</b>	
Nature/beautiful scenery	310
Solitude/natural quiet	53
Hiking/walking	42
Fishing	40
Lake Powell	35
Boating	33
Camping	20
Dam	16
Night sky	16
Accessibility	14
Water	10
Kayaking	9
Swimming	9
Beach	8
Water activities	8
Wildlife/bird watching	7
Beach camping	6
Scenic drive	5
Slot canyons	5
Houseboating	4
Other comments	86
<b>Interpretive programs (7%)</b>	
Glen Canyon Dam Tour	19
Boat tour	14
History/Historic sites	8
Dam tour	4
Cruise	3
Float trip	3
Guided tour	3
Other comment	23
<b>Personnel (1%)</b>	
Rangers/staff	8
<b>Policy management (3%)</b>	
Uncrowded	24
Half marathon	6
Inexpensive camping	1

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 31. What visitor groups liked most about their visit to Glen Canyon NRA (continued)

<b>Comment</b>	<b>Number of times mentioned (N= 1,109)</b>
<b>Facilities management (4%)</b>	
Campgrounds	7
Clean	5
Visitor centers	5
Wahweap campground	5
Clean facilities/restrooms	3
Trails	3
People	2
Marina	2
Other comments	12
<b>General (19%)</b>	
Horseshoe Bend	44
Weather	38
Antelope Canyon	31
Lee's Ferry	14
Colorado River	9
Lone Rock	8
Time with family/friends	7
Coyote Gulch	6
Rainbow Bridge	6
Sunrise/sunset	6
Other comments	44

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 32. What visitor groups liked least about their visit to Glen Canyon NRA (Fall only)

<b>Comment</b>	<b>Number of times mentioned (N=575)</b>
<b>Resource management (18%)</b>	
It's too crowded	60
Lack of recreational opportunities/activities for non-boaters	13
Low water level	11
Lack of fishing opportunities/not good fishing	5
Light pollution	4
Quagga mussel infestation	4
Other comments	5
<b>Interpretive programs (4%)</b>	
Dam tour was not available at the time of the visit/section of the tour was not accessible	10
Not enough interpretive exhibits	6
Lack of ranger-led programs	3
Other comments	5
<b>Personnel (3%)</b>	
Poor service from concession staff	9
Rangers were not available to answer questions	5
Lack of law enforcement rangers	2
Other comments	2
<b>Policy management (15%)</b>	
Entrance fee was too high	20
Boat regulations were not enforced	16
Too much noise/no noise enforcement	12
Damage/environmental impact	6
No policy for visitor safety at the cliff	6
Tour cost was too high	6
Camping fee was too high	5
Aramark should not be the only concession	4
No control on boat traffic/noise	4
Commercial fishing should not be allowed	2
No regulation on OHV usage/noise	2
Other comments	5

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 32. What visitors liked least about their visit to Glen Canyon NRA (continued)

<b>Comment</b>	<b>Number of times mentioned (N=575)</b>
<b>Facilities management (35%)</b>	
Restrooms were dirty/no maintenance	35
Trash/garbage	29
Long walk to access facility/service	13
Entrance fee pay stations had issues/were not working	11
Facilities/services were closed/not available at the time of the visit	11
Lack of restaurants/food options	11
Rough roads	11
Lack of camping options	9
Poor cell service/Wi-Fi access	7
Not enough parking	5
Unmarked rocks underwater	5
Glen Canyon Dam	4
No camp showers	4
Issues with RV hookup	3
Lack of beach access for swimming	3
Poor campground maintenance	3
Dam security	2
No access to Rainbow Bridge without boats	2
Other comments	35
<b>General (25%)</b>	
Nothing to dislike	30
Not enough time to visit/explore	24
Inclement weather	16
High travel costs to get there	11
Poor etiquette/rude visitors	7
Long drive to get to the park	5
Bad traffic	2
Other comment	47

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer



**Additional comments****Question 26**

Is there anything else you and your personal group would like to tell us about your visit to Glen Canyon NRA?

**Results:**

- 358 visitor groups provided one or more additional comments about the visit to Glen Canyon NRA. Responses are in six distinct categories: resource management, interpretive programs, personnel, policy management, facilities management, and general comments. Summaries of these comments are in Table 33. The complete open-ended comments are in Appendix C.

Table 33. Additional comments (Fall only)

<b>Comment</b>	<b>Number of times mentioned (N= 444)</b>
<b>Resource management (5%)</b>	
Water level	5
Environmental	2
Other comments	14
<b>Interpretive programs (4%)</b>	
Need more information about park/area	3
Need more information on activities	2
Very disappointed there were no info/exhibits in the visitors center.	2
Would have liked a complimentary map showing obstacles and buoys with boat rental at Wahweap Marina	2
Other comments	9
<b>Personnel (7%)</b>	
Nice/good rangers/staff	13
Rangers/staff were friendly and helpful	10
Other comments	6
<b>Policy management (11%)</b>	
Preservation	15
Fees were too high	7
Guests should not be limited to just one concession service (Aramark) at Wahweap Marina	4
Cliff safety	2
Enforce rules to reduce garbage/litter	2
Enforce toilet rule for camping	2
Other comments	15

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

Table 33. Additional comments (continued)

<b>Comment</b>	<b>Number of times mentioned (N=444)</b>
<b>Facilities management (22%)</b>	
Could do more at Horseshoe Bend	7
Antelope Canyon needs to be part of NPS land	6
Fee station closed pay station did not function properly	6
Maintain bathrooms better	6
Some areas should be more accessible	5
Lees Ferry needs more attention from NPS	4
Great camping experience	3
Need more/better signage	3
More trails	4
Boat ramp shuttle service	2
Campground	2
More primitive camping spots	2
Tour cost	2
Other comments	45
<b>General (52%)</b>	
Thank you/enjoyed trip	67
Good job/keep up the good work	40
Nature/beautiful scenery	40
Planning on returning	15
Not enough time	7
Love Lake Powell/area	6
One of our favorite places to go	6
Repeat visitor	6
Unplanned visit	4
Just passing through	2
Prefer off-season	2
Would recommend this area to others	2
Other comments	35

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

## Overall quality

### Question 27

Overall, how would you and your personal group rate the quality of facilities, services, and recreational opportunities at Glen Canyon NRA during this visit?

Results:

As shown in Figure 63, visitor groups rated the overall quality of facilities, services, and recreational opportunities as:

Summer

- 88% “Very good” or “Good”
- 11% “Average”
- 1% “Poor” or “Very poor”

Fall

- 93% “Very good” or “Good”
- 7% “Average”
- Less than 1% “Poor” or “Very poor”

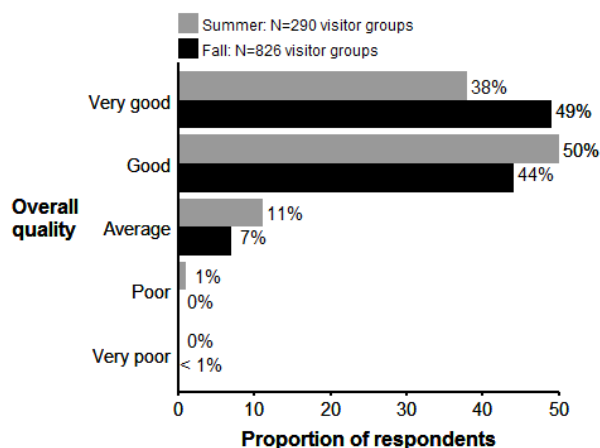


Figure 63. Overall quality of the facilities, services, and recreational opportunities at Glen Canyon NRA (comparison of responses from Summer and Fall surveys)

\*total percentages do not equal 100 due to rounding

\*\*total percentages do not equal 100 because visitors could select more than one answer

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- Stoop, I. A. L. (2004). Surveying Non-respondents. *Field Methods*, 16 (1): 23.

## Appendix A: Contact Documents

### Mailing 1: Postcard

Dear Visitor:

Thank you for participating in the  
Glen Canyon National Recreation Area  
visitor study.

We look forward to hearing from you.  
A select number of people were  
contacted for this study, so your  
opinions are very important!

If you have already returned your  
questionnaire, thank you. If not, please  
mail it as soon as possible.

Your feedback will provide valuable  
information which we will use to better  
serve our visitors.

Sincerely,



William Shott, Superintendent  
Glen Canyon National Recreation Area

«NAME»  
«ADDR1» «ADDR2»  
«CITY», «STATE»  
«ZIP»«DASH»«ZIP4»  
«Country»

«RespID»«Next Record»

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Glen Canyon National Recreation Area  
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contacted for this study, so your  
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questionnaire, thank you. If not, please  
mail it as soon as possible.

Your feedback will provide valuable  
information which we will use to better  
serve our visitors.

Sincerely,



William Shott, Superintendent  
Glen Canyon National Recreation Area

«NAME»  
«ADDR1» «ADDR2»  
«CITY», «STATE»  
«ZIP»«DASH»«ZIP4»  
«Country»

«RespID»



## Mailing 2: Reminder letter with replacement questionnaire

«RESPID»



**United States Department of the Interior**  
NATIONAL PARK SERVICE  
Glen Canyon National Recreation Area  
P.O. Box 1507  
Page, AZ 86040-1507



November 21, 2016

Dear «NAME»,

The National Park Service thanks you for participating in the Glen Canyon National Recreation Area Visitor Study. We have only invited a select number of visitors to participate, therefore each visitor's opinions are very important. Your valuable feedback will assist us in our efforts to better manage the park and to serve you.

Our records indicate that we have not yet received your completed questionnaire. For your convenience, we are providing you with a replacement questionnaire to complete and mail back in the included postage paid envelope. Please complete and return this survey at your earliest convenience.

In approximately eight months, the results of the survey will be posted on the Washington State University Social and Economic Sciences Research Center website at [sesrc.wsu.edu](http://sesrc.wsu.edu).

If you have any questions, please contact the project coordinator: Matt Strawn, SESRC, Wilson-Short Hall #133, Washington State University, Pullman, WA 99164-4014, 509-335-2350 (phone), [matthew.strawn@wsu.edu](mailto:matthew.strawn@wsu.edu) (email).

Thank you for sharing your opinions with us!

Sincerely,

William Shott  
Superintendent

Mailing 3: Final reminder letter with replacement questionnaire

«RESPID»



**United States Department of the Interior**

NATIONAL PARK SERVICE  
Glen Canyon National Recreation Area  
P.O. Box 1507  
Page, AZ 86040-1507



August 14, 2017

Dear «NAME»,

The National Park Service thanks you for participating in the Glen Canyon National Recreation Area Visitor Study. We are nearing the end of data collection and we have not yet received your completed questionnaire. Because your opinion is very important to us, we are providing you with an additional questionnaire to complete and mail back in the included postage paid envelope. Please complete and return this survey as soon as possible.

The results of the survey will be posted on the Washington State University Social and Economic Sciences Research Center website at [sesrc.wsu.edu](http://sesrc.wsu.edu) in approximately eight months.

If you have any questions, please contact the project coordinator: Matt Strawn, SESRC, Wilson-Short Hall #133, Washington State University, Pullman, WA 99164-4014, 509-335-2350 (phone), [matthew.strawn@wsu.edu](mailto:matthew.strawn@wsu.edu) (email).


Thank you for sharing your opinions with us!

Sincerely,


William Shott  
Superintendent



## Appendix B: Questionnaire





**National Park Service**  
U.S. Department of the Interior



**Social and Economic Sciences Research Center**  
Washington State University

# Glen Canyon National Recreation Area Visitor Study





**Social & Economic Sciences  
Research Center**  
WASHINGTON STATE UNIVERSITY

OMB Control Number: 1024-0224  
Expiration Date: 05/31/2019



United States Department of the Interior

NATIONAL PARK SERVICE  
Glen Canyon National Recreation Area  
P.O. Box 1507  
Page, AZ 86040-1507



Fall 2016

Dear Visitor:

Thank you for participating in this important study. We want to learn about the expectations, opinions, and interests of visitors to Glen Canyon National Recreation Area. This information will help us improve our management of this site and better serve you, our visitor.

This questionnaire will be given to only a few visitors, so your participation is very important! When your visit is over, please complete the questionnaire. It should only take about 25 minutes. Seal it with the stickers provided on the last page and drop it in any U.S. mailbox.

If you have any questions, please contact Matt Strawn, Study Director, SESRC, Wilson-Short Hall #133, Washington State University, Pullman, WA 99164-4014, 1-800-833-0867 (phone), [matthew.strawn@wsu.edu](mailto:matthew.strawn@wsu.edu) (email).

We appreciate your help.

Sincerely,

William Shott  
Superintendent  
Glen Canyon National Recreation Area

**Paperwork Reduction Act Statement:** The Paperwork Reduction Act requires us to tell you why we are collecting this information, how we will use it, and whether or not you have to respond. This information will be used by the National Park Service as authorized by 54 U.S.C. 170001. We will use this information to evaluate visitor experiences and expectations at Glen Canyon National Recreation Area in order to better manage the resources in the park. Your response is voluntary. Your name and contact information have been requested for follow-up mailing purposes only. When analysis of the questionnaire is completed, all name and address files will be destroyed and will in no way be connected with the results of this survey. A Federal agency may not conduct or sponsor, and you are not required to respond to, a collection of information unless it displays a currently valid OMB Control Number.

**Burden Estimate:** We estimate that it will take about 25 minutes to complete this questionnaire. You may send comments concerning the burden estimates or any aspect of this information collection to: Matt Strawn, Study Director, SESRC, Wilson-Short Hall #133, Washington State University, Pullman, WA 99164-4014, 1-800-833-0867 (phone), [matthew.strawn@wsu.edu](mailto:matthew.strawn@wsu.edu) (email).

**DIRECTIONS**

For multiple choice questions, please indicate your response by **filling in the bubbles completely** with black or blue ink.

Like this: ● Not like this: ☑ ☒ ☓ ☔ ☕

In this questionnaire, your **personal group**, sometimes referred to as "your group", is defined as anyone with whom you are visiting the park, such as a spouse, family, friends, etc. This does not include the larger **organized group** that you might be traveling with, such as a school, church, scout troop, or tour group.

**Q1. a) Prior to this visit, how did you and your personal group obtain information about Glen Canyon National Recreation Area (NRA)? Please mark (●) all that apply.**

- ☐ Did not obtain information prior to this visit Go to Question 2
- ☐ Chamber of commerce/welcome center
- ☐ Friends/relatives/word of mouth
- ☐ Inquiry to park via phone, mail, or email
- ☐ Local businesses (motels, restaurants, outfitters, etc.)
- ☐ Maps/brochures/rack cards
- ☐ Newspaper/magazine articles
- ☐ Glen Canyon NRA website: [www.nps.gov/glca](http://www.nps.gov/glca)
- ☐ Colorado River Discovery website
- ☐ Aramark and Antelope Point Marinas' websites
- ☐ Partner website: [www.glencanyonNHA.org](http://www.glencanyonNHA.org)
- ☐ Other websites, please specify:
- ☐ Previous visits
- ☐ School class/program
- ☐ Social media (e.g., Facebook, Twitter, etc.)
- ☐ Glen Canyon NRA social media
- ☐ Television/radio programs/DVDs
- ☐ Travel guides/tour books (such as AAA, etc.)
- ☐ Other, this visit, please specify:

**b) From the sources marked above, did you and your personal group receive the type of information about the park that you needed?**

- ☐ No → **If NO, what type of park information did your group need that was not available? Please be specific.**
- ☐ Yes

**Q2. Prior to this visit, were you and your group aware that Glen Canyon NRA is a unit of the National Park System?**

- ☐ Yes  
☐ No

**Q3. a) Prior to this visit, were you and your group aware of the following rules/regulations at Glen Canyon NRA? Please mark Yes or No for each item.**

**b) During this visit, did you learn about these rules/regulations to Glen Canyon NRA? Please mark Yes or No for each item.**

Rules/regulations	a) Aware before this visit?		b) Learned on this visit?	
	Yes	No	Yes	No
All visitors camping within ¼ mile of the Lake Powell shoreline must have a portable toilet, unless they are within 200 yards of public toilet facilities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Writing/painting/carving your name or other graffiti on the rocks within Glen Canyon NRA is illegal.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diving from cliffs higher than 15 feet is prohibited within Glen Canyon NRA.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is illegal to operate a boat on Lake Powell if it is capable of discharging waste overboard.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lake Powell is infested with quagga mussels. You must clean, drain, and dry your boat after leaving the lake.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No swimming in marinas due to risk of electric shock.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**c) If you learned about any of the above rules/regulations during this visit to Glen Canyon NRA, how did you learn about them? Please mark all that apply.**

- ☐ Park exhibits  
☐ Talking to rangers  
☐ Tour boat personnel  
☐ Park website  
☐ Reading signs  
☐ Park brochure/newspaper  
☐ Other, please specify: \_\_\_\_\_

**Q4. On this trip, how much time, in total, did you spend within Glen Canyon NRA?**

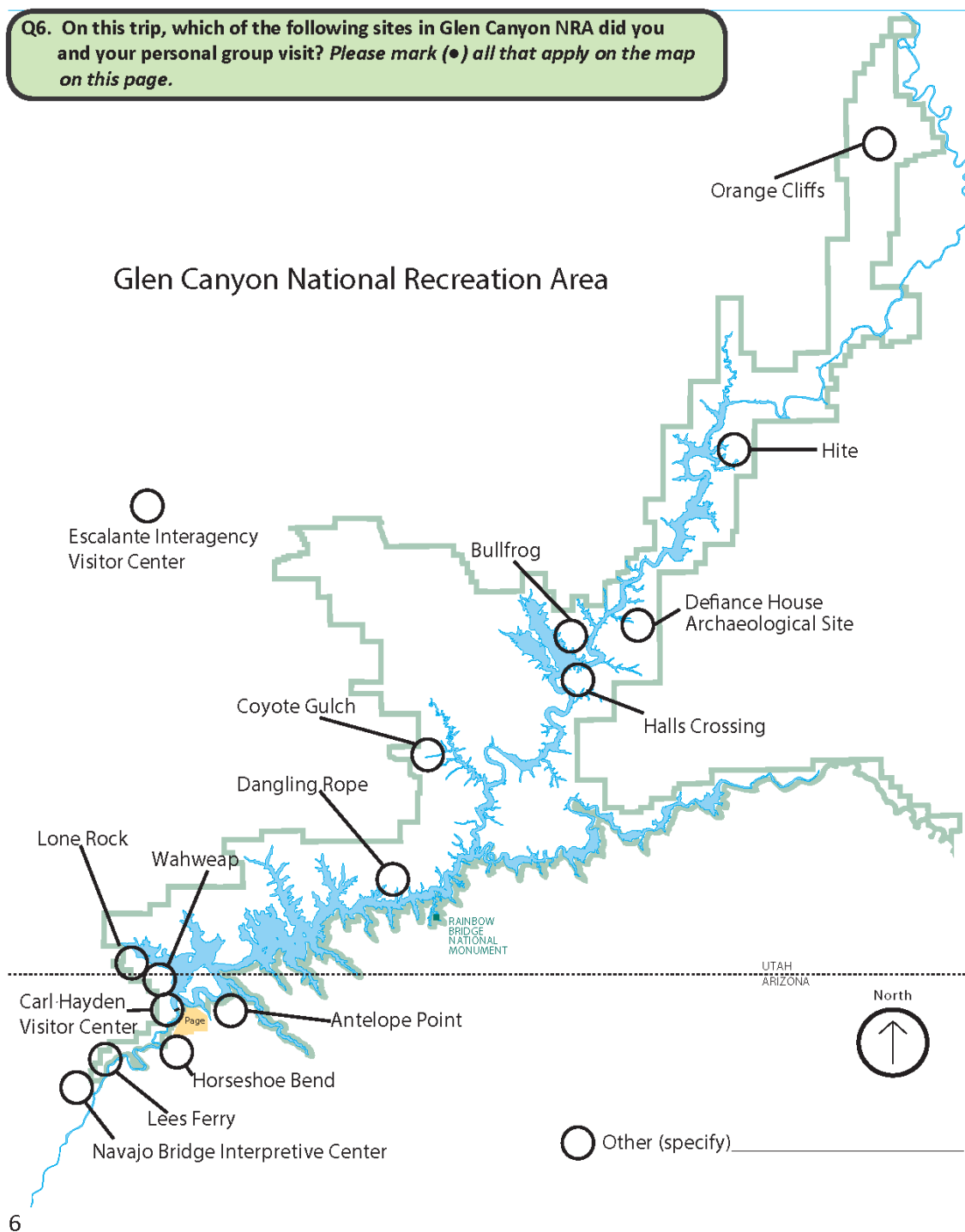
Number of hours, if a day trip  
 Number of days, if greater than 1 day

**Q5. a) On this trip, in which of the following activities did you and your personal group participate within Glen Canyon NRA? Please mark (•) all that apply.**

- ☐ Viewing wildlife, natural features, scenery, wildflowers, etc.
- ☐ Creative arts (photography/drawing/painting/writing)
- ☐ Visiting a cultural or historic site
- ☐ Nature study
- ☐ Scenic driving on paved road
- ☐ Backroad driving on 4WDs or ORVs
- ☐ Walking/short hike (less than 1 hour)
- ☐ Day hiking (1 hour or more)
- ☐ Bicycling
- ☐ Running/jogging
- ☐ Fishing
- ☐ Non-motorized water travel (rafting, kayaking, canoeing, etc.) Please specify:
- ☐ Motorized water travel (boating, jet skiing, etc.) Please specify:
- ☐ Camping in developed sites
- ☐ Camping via boat (houseboat, fishing boat, kayak)
- ☐ Overnight backpacking
- ☐ Overnighting in resort, cabin, or other accommodations in Glen Canyon NRA
- ☐ Family gathering/reunion
- ☐ Picnicking
- ☐ Water play (swimming, snorkeling, scuba diving, etc.) Please specify:
- ☐ Hunting/trapping
- ☐ Rock climbing/bouldering
- ☐ Night sky/star gazing
- ☐ Canyoneering
- ☐ Other, please specify:

**b) Which one of the above is the most important activity to your visit? Please list only one.**

**Q6. On this trip, which of the following sites in Glen Canyon NRA did you and your personal group visit? Please mark (•) all that apply on the map on this page.**



**Q7. a) Please rate the importance of the facilities listed to your visit from 1-5 in column (a).**

**b) Next, please mark (•) all the visitor facilities that you or your personal group used during this visit to Glen Canyon NRA in column (b).**

**c) Finally, for only those facilities that you or your personal group used, please rate their quality from 1-5 in column (c).**

**a) Importance:**

- 1=Not important  
2=Somewhat important  
3=Moderately important  
4=Very important  
5=Extremely important

**b) Used on  
this visit**

Yes No

**c) Quality:**

- 1=Very poor  
2=Poor  
3=Average  
4=Good  
5=Very good

		Facilities	Yes	No	
	<input type="text"/>	Carl Hayden Visitor Center	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Navajo Bridge Interpretive Center	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Glen Canyon Dam	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Escalante Visitor Center	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Bullfrog Visitor Center	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Wahweap Visitor Contact Station	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Antelope Point Marina	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Wahweap Marina	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Dangling Rope Marina	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Bullfrog Marina	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Hall Crossing Marina	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Boat wash stations	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Park headquarters	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Campgrounds	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Picnic areas	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

**d) If you rated the quality of any of the above facilities as "poor" or "very poor" please explain.**

**Facilities**

**Comment**

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

**Q8. a) Please rate the importance of the services listed to your visit from 1-5 in column (a).**

**b) Next, please mark (•) all the visitor services that you or your personal group used during this visit to Glen Canyon NRA in column (b).**

**c) Finally, for only those services that you or your personal group used, please rate their quality from 1-5 in column (c).**

**a) Importance:**

- 1=Not important  
2=Somewhat important  
3=Moderately important  
4=Very important  
5=Extremely important

**b) Used on  
this visit**

Yes No

**c) Quality:**

- 1=Very poor  
2=Poor  
3=Average  
4=Good  
5=Very good

		Services	Yes	No	
	<input type="text"/>	Assistance from park rangers	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Ranger-led programs	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Indoor exhibits	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Outdoor exhibits	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Park brochure/map	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Visitor center bookstore sales items	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Visitor center movies/videos	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Smart phone app specific to Glen Canyon NRA	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Glen Canyon Dam tour	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Junior Ranger program	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
	<input type="text"/>	Glen Canyon NRA website (www.nps.gov/glca) used before or during visit	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

**d) If you rated the quality of any of the above services as "poor" or "very poor" please explain.**

Services	Comment
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>



**Q9. What other additional services or facilities would you like to have available at Glen Canyon NRA?**  
**Please mark (•) all that apply.**

- ☐ Self-guiding nature trails → *Where?*
- ☐ Other type of hiking trails
- ☐ Swimming beach access
- ☐ Additional parking → *Where?*
- ☐ Other, please specify:

**Q10. a) What form of transportation did you and your group use to travel between overnight accommodations and Glen Canyon NRA on this trip? Please mark (•) all that apply.**

- ☐ Private vehicle (car, SUV, pickup, RV, motorcycle, etc.)
- ☐ Rental vehicle
- ☐ Hotel shuttle van/courtesy bus
- ☐ Bicycle
- ☐ Tour motorcoach/bus/van
- ☐ Taxi/limousine/Uber
- ☐ On foot
- ☐ Other, please specify:

**b) If your group arrived at Glen Canyon NRA in private or rental vehicles, how many vehicles did you and your group use?**

*Number of vehicles*

**Q11. a) During this visit to Glen Canyon NRA, did you experience any parking problems?**

- ☐ Yes → *Where did you encounter parking problem(s)?*
- ☐ No

**b) If Yes, for the location that you encountered parking problem(s), would you be willing to park at a designated area and ride a shuttle bus to the location?**

- ☐ Yes
- ☐ No

**Q12. a) On this trip, did you and your personal group stay overnight away from your permanent residence in the Glen Canyon NRA area (within 120 miles radius of Page, AZ or Bullfrog, UT)?**

☐ Yes

☐ No

**Go to Question 13**

**b) If YES, please list the number of nights you and your personal group stayed in the Glen Canyon NRA area (within 120 miles radius of Page, AZ or Bullfrog, UT)?**

Number of nights Accommodations

<input type="text"/>	Backcountry camping in Glen Canyon NRA
<input type="text"/>	Camping in developed campgrounds in Glen Canyon NRA
<input type="text"/>	Houseboat in Glen Canyon NRA
<input type="text"/>	Camping outside Glen Canyon NRA
<input type="text"/>	Lodging inside Glen Canyon NRA
<input type="text"/>	Lodging outside Glen Canyon NRA
<input type="text"/>	Other accommodations (stayed with friends, relatives, etc.)

**Q13. How would each of the following factors affect your likelihood of visiting Glen Canyon NRA in the future? Please mark (•) one answer for each factor.**

Factor	Likelihood of future visit		
	Less likely	No effect	More likely
Higher gas prices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lower gas prices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Higher water level in the lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lower water level in the lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
More tourist amenities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fewer tourist amenities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
More lake access locations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fewer lake access locations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
More evidence of grazing or mining	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Less evidence of grazing or mining	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
More cell phone/wireless service/coverage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Less cell phone/wireless service/coverage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The presence of quagga mussels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Q14. It is the National Park Service's responsibility to protect Glen Canyon NRA's natural, scenic, and cultural resources, while at the same time providing for public enjoyment. How important is protection of the following attributes/resources in the park to you? Please mark (•) only one response for each attribute/resource.**

Attribute/resource	Not important	Somewhat important	Moderately important	Very important	Extremely important
Scenic views	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Natural settings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Native wildlife	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Native plants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Natural quiet/sounds of nature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solitude	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clean air (visibility)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clean water	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Natural dark night sky	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recreational opportunities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Educational opportunities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to the backcountry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Archeological/historical sites	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to hiking trails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Beaches	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Primitive camping opportunities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Campgrounds</i>					
at Lee's Ferry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
at Lone Rock	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
at Wahweap	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
at Bullfrog	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
at Halls Crossing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lake Powell resort (lodging and dining)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Q15. On this visit, how many people were in your personal group, including yourself?**

- Number of adults (18 years or older)
- Number of children (under 18 years)

**Q16. a) On this visit, were you and your personal group with the following types of organized groups? Please mark (•) one for each.**

Organized group type	Yes	No
Guided fishing or hunting group	<input type="radio"/>	<input type="radio"/>
School/educational group	<input type="radio"/>	<input type="radio"/>
Commercial package tour groups	<input type="radio"/>	<input type="radio"/>
Other organized group (business, church, scout, etc.)	<input type="radio"/>	<input type="radio"/>

**b) On this visit, how many people were in the organized group including yourself?**

Number of people

**Q17. On this visit, what kind of personal group (not guided tour/school/other organized group) were you with? Please mark (•) one.**

- ☐ Alone  
☐ Family  
☐ Friends  
☐ Family and friends  
☐ Other, please specify:

**Q18. For you and your personal group on this visit, please provide the following. If you do not know the answer, please leave it blank.**

	a) Current age	b) Zip code or name of country other than U.S.	c) Number of visits to Glen Canyon NRA in past 12 months (including this visit)	d) Number of visits to other National Park sites in past 12 months (including this visit)
Yourself	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Member #2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Member #3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Member #4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Member #5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Member #6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Member #7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Q19. For your personal group during your visit to Glen Canyon NRA on the day you were contacted for this survey, please provide the following information. Please mark (●) one for each group member, including yourself, for gender and Hispanic or Latino. (If you don't know the answer, mark (●) "Don't know.")**

	Additional members of your personal group						
	Yourself	#2	#3	#4	#5	#6	#7
Male	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Female	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hispanic or Latino	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Hispanic or Latino	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Don't know	N/A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Q20. For your personal group during your visit to Glen Canyon NRA on the day you were contacted for this survey, please provide the following information. Please mark (●) one or more for each group member, including yourself. (If you don't know the answer, mark (●) "Don't know.")**

	Additional members of your personal group						
	Yourself	#2	#3	#4	#5	#6	#7
American Indian or Alaska Native	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Asian	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Black or African American	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Native Hawaiian or Pacific Islander	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
White	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Don't know	N/A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Q21. When visiting an area such as Glen Canyon NRA, what language do you personally prefer to use? Please mark (●) one for speaking and one for reading.**

Language	Speaking	Reading
English	<input type="radio"/>	<input type="radio"/>
Spanish	<input type="radio"/>	<input type="radio"/>
Navajo	<input type="radio"/>	<input type="radio"/>
Other, please specify below:	<input type="radio"/>	<input type="radio"/>
<input type="text"/>		

**Q22. For your personal group during your visit to Glen Canyon NRA on the day you were contacted for this survey, what is the highest level of formal education completed by each member of your group? Please mark (•) one for each group member, including yourself. (If you don't know the answer, mark (•) "Don't know.")**

	Additional members of your personal group						
	Yourself	#2	#3	#4	#5	#6	#7
Less than high school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Some high school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High school graduate or GED	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Some college, business, or trade school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bachelor's degree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Some graduate school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Master's, doctoral, or professional degree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Don't know	N/A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Q23. a) Does anyone in your personal group have a physical condition that made it difficult to access or participate in park activities or services?**

☐ Yes

☐ No

**Go to Question 24**

**b) If Yes, in what activities, services, or facilities did the person(s) have difficulty participating or accessing? Please be specific.**

**c) Because of the physical condition, what specific problems did the person(s) have during this visit to Glen Canyon NRA? Please mark (•) all that apply.**

☐ Hearing (difficulty hearing ranger programs, audio-visual exhibits or programs, or reservation desk staff, even with hearing aid)

☐ Visual (difficulty seeing exhibits, directional signs, visual aids that are part of programs)

☐ Mobility (difficulty accessing facilities, services, or programs, even with walking aid and/or wheelchair)

☐ Other, please describe:

**Q24. a) What did you and your personal group like most about this visit to Glen Canyon NRA?**

**b) What did you and your personal group like *least* about this visit to Glen Canyon NRA?**

**Q25. On a future visit to Glen Canyon NRA, what interpretive program/information services would you and your personal group would like to have available at the park? Please mark (•) all that apply.**

☐ Not interested in interpretive programs

**Go to Question 27**

☐ Roving rangers available to answer questions

☐ Rangers on tour boat

☐ Rangers on the lake (other than on tour boat)

☐ Ranger talks/programs (other than on tour boat)

☐ Campfire programs

☐ Night sky programs

☐ Children's programs

☐ Outdoor exhibits

☐ Indoor exhibits

☐ Electronic media/devices available to visitors (downloadable digital files, podcasts, cell phone tours/apps, interactive computer tours, audio, etc.)

☐ Rafting trip on the river

☐ Other, please specify:

**Q26. Is there anything else you and your personal group would like to tell us about your visit to Glen Canyon NRA?**

**Q27. Overall, how would you and your personal group rate the quality of facilities, services, and recreational opportunities at Glen Canyon NRA during this visit? Please mark (•) only one.**

Very poor

Poor

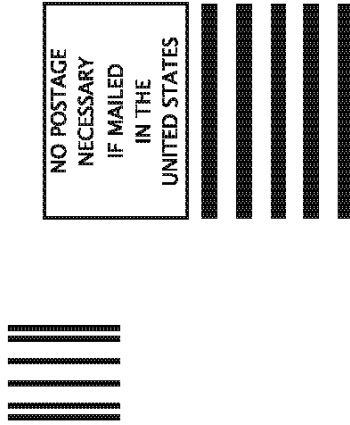
Average

Good

Very good

☐
☐
☐
☐
☐

**Thank you for your help!**



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## Appendix C: Visitor comments

### Question 24a

What did you and your personal group like most about this visit to Glen Canyon NRA?

- 2 nights at Lee's Landing.
- A genius camping spot on eleco water beach in an NRA park!
- A quiet area with many scenic views. We enjoyed the dinosaur exhibit at Big Water Visitor Center.
- Ability to venture and explore on our own.
- Access to hiking trails.
- Access to nature.
- Accessibility to naural features, not very crowded in most places.
- Accessibility
- All
- All that nature that was not affected by damming of Colorado river.
- All the beautiful natural sites, ie. Lake Powell, Escalante Grand Staircase, Antelope Canyon, Paria Canyon.
- Always beautiful, enjoyable, interesting.
- Always great since 1978 - except 2 years of low water - down 190!
- Antelop Canyon-Lone Rock.
- Antelope Canyon
- Antelope Canyon
- Antelope Canyon
- Antelope Canyon
- Antelope Canyon
- Antelope Canyon
- Antelope Canyon
- Antelope Canyon
- Antelope Canyon
- Antelope Canyon (lower), beach in Lake Powell.
- Antelope Canyon by kayak.
- Antelope Canyon Slot Canyons.
- Antelope Canyon Tour (close to Glen Canyon), Horseshoe Bend was quite nice!
- Antelope Canyon tour and kayaking.
- Antelope Canyon tour. Other beautiful view points.
- Antelope Canyon!
- Antelope Canyon, 2) walk by river.
- Antelope point, Horseshoe Bend.
- Antelope point, lake.
- Antelope tour of canyon (lower).
- Arches and Horseshoe.
- Area hiking
- Assistance from rangers.
- Association with friends and location and scenery.
- Awe inspiring views.
- Back country hikes, backpacking coyote gulth.
- Backcountry - Smoky Mountain Road.
- Beach and primitive camping w/ toilets.
- Beach camping
- Beach camping, water sports.
- Beach for kids to play on.

- Beach, water, friendship.
- Beautiful area for hiking. Did not do anything on lake, but did take a boat trip up river.
- Beautiful scenery
- Beautiful Scenery
- Beautiful scenery
- Beautiful scenery
- Beautiful scenery and views.
- Beautiful scenery throughout!
- Beautiful scenery!
- Beautiful scenery, fun on water, fun with family and friends.
- Beautiful scenery, quiet.
- Beautiful scenery, variety of activities and thus each one likes something else.
- Beautiful sights, educational aspects and excursions.
- Beautiful view
- Beautiful views and historical (archeological finds).
- Beautiful views, Antelope Canyon, Lake Powell.
- Beautiful views, relaxing setting.
- Beautiful! Enjoy sightseeing on the lake.
- Beautiful setting w/ jackrabbits and roadrunners!
- Beauty
- Beauty
- Beauty
- Beauty
- Beauty
- Beauty - solitude - clean.
- Beauty and cleanliness of area. Perfect weather.
- Beauty of area.
- Beauty of landscape/breathtaking.
- Beauty of surroundings.
- Beauty of the natural features of Horseshoe Bend.
- Beauty!
- Beauty, fishing, lake access.
- Beauty, solitude, and boating.
- Beauty, staff friendliness and professionalism, cleanliness.
- Beauty,Natural.
- Beauty,quiet
- Being able to camp on the shore of the lake.
- Being able to roam freely - on the path - and see spectacular views.
- Being away from the city solitude quiet.
- Being in nature, experiencing the environment hiking and boating the lake.
- Being on the lake.
- Being on the water.
- Being together for our first time in Lake Powell.
- Being with friends, solitude, water sports, hiking, scenery, stars at night.
- Bend
- Boat concession to Antelope Canyon.
- Boat ramp and lake access. 2. Wahweap camp sites. 3. Showers and laundry at Wahweap.
- Boat tour
- Boat tour
- Boat tour
- Boat tour and fishing.
- Boat tour at Antelope Point, great guide!
- Boat tour from Antelope Point.

- Boat tour of Antelope Canyon.
- Boat tours from Wahweap Marina.
- Boating
- Boating
- Boating
- Boating and Antelope Canyon - the natural rock surroundings at Lake Powell.
- Boating and fishing.
- Boating and fishing.
- Boating in the lake.
- Boating in to Rainbow Bridge and Hole in the Rock.
- Boating into Antelope Canyon.
- Boating on Lake Powell.
- Boating on the lake.
- Boating, hiking, camping.
- Boating, hiking, ruins.
- Boating, sleeping on the boat.
- Boating... but could not rent one.
- Boating; tubing
- Came to relax and let the dogs swim.
- Campground
- Campground, sound of the river.
- Camping
- Camping and scenic drive.
- Camping at Lone Rock and Boating.
- Camping at Lone Rock Antelope Canyon.
- Camping at Lone Rock beach. Renting a boat for a day.
- Camping at Lone Rock.
- Camping by the lake.
- Camping close to Page but quiet.
- Camping in developed site let us clean ourselves up somewhat.
- Camping on a clean beach.
- Camping on the beach and boating!
- Canyon boat tour.
- Canyon lake in the desert and amazing engineering in the Dam.
- Canyoneering in solitude.
- Canyons, fishing, houseboating.
- Carl Hyaden visitor center / Glen Canyon dam tour.
- Clean
- Clean facility, friendly employees, knowledge on the area and helpful assistance on the area.
- Clean water
- Clean water in the lake, Lone Rock, quiet.
- Climate, beauty, [word].
- Close proximity to the water at Lone Rock to kayak and use wave runner.
- Colorado River
- Colorado River
- Colorado River trip on pontoon boat with bus ride back.
- Colors of stunning nature.
- Combination of lake and desert canyons.
- Combination of rocks and water is very photogenic. We also liked the tour captain's info.
- Condors, scenic ARPAS.
- Coming home to Powell. Smooth water.
- Condors at Navajo Bridge.
- Coyote Gulch

- Coyote Gulch
- Coyote Gulch full hike - Hurricane wash to confluence.
- Coyote Gulch is beautiful. Loved the challenge - luckily didn't see too many people, ~10.
- Coyote Gulch was spectacular - we loved the adventure, the solitude, being together to enjoy it all and the physical challenge.
- Coyote Gulch, backpacking and day hiking to enjoy spectacular scenery.
- Cruise and having a Navajo available on boat.
- Cruise, hike
- Dam and Lake Powell.
- Dam and lake.
- Dam tour and guide (Paul).
- Dam tour very interesting and reasonably priced.
- Dam tour, Horseshoe Bend, Lee's Ferry.
- Dam was amazing as was Lake Powell boat tour and Colorado River rafting.
- Dam, boat ride.
- Didn't know it existed. Loved that this great area was protected by NPS. Great views.
- Diversity of the landscape.
- Easy access to the lake for swimming and kayaking.
- Enjoy everything
- Epic canyon scenery.
- Everything! We come every year and every year is has changed!
- Excellent NP staff.
- Excellent weather
- Experiencing nature
- Exploring opportunitites
- Exploring the lake on boat.
- Fantastic weather and fishing.
- Fed our souls for 1 more year - not much has changed there in 40 years thank God!
- Few people on the lake.
- Fewer people late in fall season.
- First time; enjoyed it all!
- Fish and chips at Lake Powell resort watching the sunset over the lake!
- Fishing
- Fishing
- Fishing
- Fishing
- Fishing
- Fishing
- Fishing
- Fishing
- Fishing
- Fishing
- Fishing - caught plenty.
- Fishing and beauty.
- Fishing at Lees Ferry. Cathedral Wash hike.
- Fishing camping
- Fishing main purpose of the trip, new pavement at Halls Creek roads.
- Fishing was good. We like the type of fish that are in there.
- Fishing!
- Fishing, cleanliness, of public facilities.
- Fishing, less people due to time of year.
- Fishing, scenery
- Fishing, solitude

- Fishing/camping
- Fishing/camping
- Fishing/scenery
- Float trip with CRD.
- For 30 years: Countless. Nothing like it on Earth.
- Formations and rock.
- Fresh water. Beautiful canyons.
- Fun canyons
- Getting away from normal home and being able to fish/swim.
- Glen Canyon dam tour- exceptional guide (Paul?) suggested day tour on Colorado River to Lee's Ferry was awesome.
- Glen Canyon dam tour.
- God's creation
- Good fishing, scenery, uncrowded.
- Good parking, scenic views, clean hiker trail.
- Good weather the whole trip!
- Good weather, clean water and fair fishing.
- Gorgeous canyons and solitude.
- Gorgeous hiking in remote areas with very few people.
- Great fishing and magnificent scenery.
- Great fishing in a beautiful setting. Skiers and sight seers are often not respectful of us.
- Great fishing, great weather, friendly people.
- Great road trip to Lee's - day trip tour provider guide was excellent - educational and fun - tour through Antelope Canyon - we enjoyed everything - glad we were able to experience Glen Canyon thank you.
- Great solitude in nature and offroading and views.
- Great staff provided tour, very knowledgeable.
- Great view, nice stars, nice camping Antelope Canyon/Horseshoe Bend.
- Great weather
- Great weather for late October. Not too crowded. Good trip.
- Great weather, few visitors - water was great!
- Half marathon
- Having fun on a beautiful lake.
- Hiking
- Hiking and that the half marathon got to run along Lake Shore Drive, so beautiful!
- Hiking from Cha Canyon to Rainbow Bridge. Edmonia at Rainbow Bridge and Tyler at Defiance House were enthusiastic and helpful.
- Hiking near the lake.
- Hiking off trail.
- Hiking trails, amazing scenery.
- Hiking trails, scenic areas.
- Hiking!! Spenser trail.
- Historic sites, star gazing.
- Historic value
- History, viewpoints, marina, cruise.
- Horseshoe Bend
- Horse shoe bend
- Horse Shoe Bend, Antelope Canyon.
- Horseshoe
- Horseshoe Bay
- Horseshoe Bend
- Horseshoe Bend
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- Horseshoe Bend
- Horseshoe Bend
- Horseshoe Bend (and Antelope Canyon).
- Horseshoe Bend and Antelope Canyon and jetski.
- Horseshoe Bend and Antelope Canyon.
- Horseshoe Bend and Antelope Slots.
- Horseshoe Bend scenic view.
- Horseshoe Bend was fantastic.
- Horseshoe Bend, Dam tour, the view of the lake and landscape.
- Horseshoeband
- Horseshoe Bend, dam.
- House boating
- Houseboat, jet skiing, hiking on slick rock.
- Hunting and fly fishing Lee's Ferry.
- I love Lake Powell.
- Incredible beauty
- Inexpensive camping
- It is a beautiful area. Scenic.
- It was all very interesting. Some of us have never been to a dam.
- It was part of our tour.
- Just passing through. Enjoyed Lee's Ferry Area.
- Just the beauty of Lake Powell.
- Kayaking Lake Powell running 0.5 marathon.
- Kayaking, scenery, resort, park half marathon.
- Ken's Tours, Antelope Canyon, Glen Canyon dam tour, Lee's Ferry, Horseshoe Bend, Lovely Dell Ranch and pear picking and Colorado River, access there Vermillion Cliffs
- Lack of impact outside of developed zones.
- Lack of other people.
- Lack of people and motorheads.
- Lake and beaches
- Lake Powell
- Lake Powell
- Lake Powell
- Lake Powell
- Lake Powell
- Lake Powell and vast open space.
- Lake Powell boat talk.
- Lake Powell Resort, Wahweap Marina, the lake.
- Lake Powell resort.
- Lake Powell, boating, skiing, weather.
- Landscape
- Landscape
- Landscape, hiking.
- Late season, fewer people.
- Learning about the building of the dam.
- Lee's Ferry

- Lees Ferry - the history. River access, the sky, hiking, views, campground...please do not improve it with hookups etc. It's perfect for us quieter, smaller campers.
- Lee's Ferry - the setting and low crowds.
- Lees Ferry camping and hiking and Antelope Point boat tour.
- Lee's Ferry history.
- Lees Ferry, dam tour.
- Less crowds
- Listening to river at campsite, rock study/photography.
- Location of Lees Ferry campground right on the Colorado River.
- Lone Rock beach access and camp/picnic area.
- Lone Rock beach, scenery.
- Lone Rock camping.
- Lone Rock, its natural beauty!
- Look at the dam and surrounding area.
- Lots of room.
- Love being together with family on the boat building friendships and great memories.
- Love boating
- Loved seeing the "put in" point at Lee's Ferry. Loved seeing what we could of Glen Canyon Dam and learning about it.
- Low crowd level, perfect weather, smooth water great hiking.
- Low season - less traffic on the lake.
- Lower Antelope Canyon tour.
- Monument valley tour. Upper Antelope Canyon slot tour.
- Multiple sources of primitive camping.
- My primary goal was a visit to slot canyons. G.c provided great campground for this visit. Really appreciated the shower, too.
- N/A
- Natural beauty
- Natural beauty
- Natural beauty
- Natural beauty
- Natural beauty
- Natural beauty
- Natural beauty
- Natural beauty
- Natural beauty - red cliffs, wildlife, running water, quiet.
- Natural beauty and access. Do not post signs or brochures in anything but "the common language"; English only?
- Natural beauty of surroundings.
- Natural beauty, red rocks, blue sky, boating/water activity.
- Natural landscape
- Natural not commercial.
- Natural scenery
- Natural scenery and wildlife. Native artifacts.
- Natural scenery, calm environment, nice weather, less crowded.
- Natural setting
- Natural setting
- Natural setting. Raw trails, no railings, natural plants not manicured.
- Natural site
- Natural views
- Nature
- Nature
- Nature

- Nature
- Nature
- Nature - quiet - scenery.
- Nature trips
- Nature!
- Nature! Scenic views!
- Nature, (Antelope Canyon), Horseshoe Bend, Lake Powell.
- Nature, finding a lake in the middle of a desert, scenery.
- Neat place -
- Never been just enjoyed the history and beauty.
- Nice rangers
- Nice scenery
- Night sky
- No crowds compared to summer months.
- No crowds on lake - Oct, very quiet.
- Not being at work.
- Not busy, cool temps, few people.
- Not crowded in October.
- Not dealing with Colorado River discovery float trip.
- Not much
- Obviously the views and meeting other people from other places.
- Open space at Horseshoe Bend. Limited facilities, no guardrails.
- Organized tour boat and beaches and views.
- Paddleboarding Antelope Canyon; lower Antelope photography tour.
- Pawn tour
- Peace and quiet!
- Peace and quiet.
- Peace, beauty
- Peacefulness of the water and mountains.
- Play in the water
- Playing in the sand/water at Lone Rock. Also it was the best sunrise I've seen at the lake.
- Playing on the water, beautiful scenery.
- Portable restrooms
- Preserved nature, dark skies, easy access to campsite (Lees Ferry), quiet night.
- Primitive camping
- Primitive camping on the beach and swimming we were there over-night.
- Private tour to Antelope Canyon, swimming in Lake Powell.
- Quality tour guide at the dam- former peace office.
- Quiet fall off-season.
- Quiet time of year with good weather.
- Quiet, ability to walk.
- Quiet, peacefulness, marina.
- Quiet, relaxation, drinking, cigars.
- Quiet, small, easy to get about, scenic, Antelope Canyon was ethereal!
- Quite, scenery
- Rafting, views of the river.
- Rainbow Bridge
- Rainbow Bridge boat tour.
- Rainbow Bridge!
- Remoteness
- Resort centre
- Rock formation viewing.
- RV camping and sightseeing.



- RV site
- Scenary/historical sites
- Scenery
- Scenery
- Scenery
- Scenery
- Scenery
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- Scenery
- Scenery
- Scenery - Glen Canyon NRA is a unique, one of a kind, natural resource - with extraordinary value to the nation - like the reef in the Fl. Keys.
- Scenery / views
- Scenery and camping
- Scenery and diversity, easy access to water and hiking.
- Scenery and hikes.
- Scenery and hiking (Horseshoe Bend, Antelope Canyon, trails).
- Scenery and natural beauty.
- Scenery and natural wonders.
- Scenery and photo opportunities!
- Scenery and photographic opportunities.
- Scenery and the dam.
- Scenery Hiking, Riding the "dam" elevator on the dam tour.
- Scenery in general - quiet.
- Scenery is amazing - wanted to do more.
- Scenery no fish were caught.

- Scenery water activities.
- Scenery!
- Scenery!
- Scenery, available in Oct. with few others. Personnel at Defiance Lodge, restaraunt and Bullfrog Marina.
- Scenery, boat tour to Rainbow Bridge.
- Scenery, boating.
- Scenery, Lake Powell
- Scenery, lake, nature.
- Scenery, night sky, wilderness access.
- Scenery, people in general.
- Scenery, stars
- Scenery. As we had little time we only saw sights near/from road.
- Scenery/boat tour.
- Scenery/nature
- Scenery/solitude/crows.
- Scenes on the lake.
- Scenic
- Scenic and historical place.
- Scenic beauty
- Scenic beauty
- Scenic beauty
- Scenic drives, boat tour.
- Scenic environment
- Scenic view
- Scenic view
- Scenic view
- Scenic views
- Scenic views
- Scenic views
- Scenic views
- Scenic views
- Scenic views
- Scenic views
- Scenic views
- Scenic views with easy access.
- Scenic views, camping, Colorado River, stargazing party and the old Navajo Bridge.
- Seeing condors
- Seeing condors near Navajo Bridge. Enjoying sounds of Colorado River from Lees Ferry campground.
- Seeing different parts of the SW.
- Seeing Rainbow Bridge.
- Seeing the dam, lake and river.
- Seeing the stars, the water, the sandstone, sunrise, sunset, camping in a nice place, good and clean restrooms. The weather, the natural beauty of the area.
- Sight seeing
- Slot Canyon - lower Antelope, Dee Martin's fabric/craft shop.
- Slot canyon tour visuals, Horseshoe Bend views and access, boat tour visuals and guide.
- Slot canyons
- Slot canyons
- Small amount of crowds, lots of parking, good weather.
- Smaller crowds

- Solitude
- Solitude
- Solitude
- Solitude
- Solitude - clean water - clean camps and facilities.
- Solitude and privacy - would like to see more education about quiet hours and 150 ft. min. spacing.
- Solitude hiking to confluence of Escalante.
- Solitude of park and fishing/boating.
- Solitude on beach at Colorado River.
- Solitude when we found it.
- Solitude whilst floating down the colorado river.
- Solitude, and quiet.
- Solitude, night sky.
- Solitude, quiet, getting away from the city, looking at the Milky Way, dark sky.
- Solitude, quiet, sunrises/sunsets, lake tour.
- Solitude, silence when kayaking 3 day fr. Gl. Cny Dam to Lee's Ferry.
- Spectacular views and the river float ride.
- Spending time on the water with family.
- Stars at night.
- Stony scenery, great facilities, really distinctive places.
- Sunsets, peacefulness hikes.
- Sunshine, sand, water, no hassles!
- Swimming
- Swimming
- Swimming at Lake Powell and Horseshoe Bend.
- Swimming in the lake, visiting the Dam.
- Swimming in the lake.
- Taking our houseboat into the canyons and camping.
- Terrian different than home - scenery.
- The 80 degree temp in October! The colors!
- The access to the Colorado River and its scenery.
- The accessibility off the highway.
- The availability of boating area.
- The beach, sunsets.
- The beautiful area.
- The beautiful rock features. Lower Coyote Butte Trip.
- The beautiful scenery at Horseshoe Bend.
- The beautiful setting and vistas.
- The beautiful view.
- The beauty
- The beauty
- The beauty
- The beauty and good fishing.
- The beauty and knowledge of tour operators.
- The beauty and serenity of Lake Powell.
- The beauty around Good Hope Bay. Hiking in Moki Canyon.
- The beauty of it all! The floating bathroom! Awesome!
- The beauty of it.
- The beauty of Lake Powell is exeptional.
- The beauty of the area.
- The beauty of the Colorado River and Paria Beach.
- The beauty of the surroundings.

- The beauty that abounds.
- The beauty, the quiet, the sunshine, the hikes, the wild animals, nature.
- The boat tour, loved it.
- The breath taking views and the wildlife.
- The breathtaking scenery! Hiking in Grand Gulch and visiting the ruins.
- The campground at Lake Powell.
- The campground at Lee's Ferry which allowed us to enjoy more of Glen Canyon NRA.
- The campground.
- The cleanliness of the Lake Powell campgrounds, the scenery and the dark sky. Access to kayaks was a nice break from hiking.
- The Colorado River on the river hike and Lake Powell.
- The dam and Antelope Canyon, plus boat ride.
- The dam and the canyon itself.
- The dam and wildlife.
- The dam tour and natural beauty of the area.
- The dam tour and scenery.
- The dam tour.
- The Dam tour.
- The Dam, Lake Powell, Lee's Ferry
- The Dam, Rainbow Bridge, Horseshoe Bend, half marathon.
- The different activities available and variety in both things to do and places to see.
- The fishing
- The fishing and the beauty.
- The float from the dam to lee's ferry.
- The full moon and great weather.
- The geology, formations, etc.
- The Glen Canyon Bridge!
- The gorgeous camp ground at Wahweap.
- The great number of recreational opportunities. Hiking,kayaking,photographhy,scenery.
- The greatest weather.
- The guided tour
- The half marathon.
- The hiking and beautiful scenery.
- The hiking trails.
- The Horseshoe, Glen Canyon Dam. The movie a Glen Cayon Dam.
- The incredible natural beauty and the camping experience on Lone Rock Beach.
- The incredible scenery.
- The information and maps.
- The lack of wind.
- The lake
- The lake
- The lake
- The lake
- The lake
- The lake and the weather.
- The Lake Powell houseboating experience.
- The lake was not crowded.
- The landscape and the color of water.
- The location and the weather.
- The natural
- The natural beauty and vast area to explore.
- The natural beauty.
- The natural beauty.

- The natural beauty.
- The nature
- The nature beauty and the history of info provided by rangers, and printed information of the area.
- The nature views.
- The Navajo Bridge and interpretive center.
- The New Halls Marina and the trash dumpster that is close by. Pam at off-shore is great!
- The perfect October weather.
- The preservation of nature and the dam tour. Our 84 year old guide was fantastic!
- The prettyness of it all.
- The primitive beach and beauty.
- The primitive campgrounds within access of dirt roads.
- The quality of the visitors center and quality of staff.
- The quietness and calmness.
- The remote areas.
- The reservoir and being able to camp on the beach/boat.
- The river, boat ramp and scenic view.
- The sand at Lone Rock beach.
- The scenery
- The scenery
- The scenery and finding it on our drive to AZ.
- The scenery and kayaheng.
- The scenery and warm weather.
- The scenery was beautiful!
- The scenery.
- The scenery.
- The scenery. Hiking and solitude.
- The scenic drive on the Colorado River.
- The scenic drive to Lees Ferry. Navajo Bridge Inter. Center.
- The sheer beauty and ruggedness.
- The solitude and astonishing views that surrounded us in the backcountry.
- The sunrises!
- The tour of Lake Powell.
- The tour of the dam.
- The town/excursion of the dam.
- The triathlon swimming. 2. Hunting, fishing, and loving every day.
- The vast landscape and swimming in Lake Powell!
- The view
- The view
- The view and boat ride.
- The view to the Horseshoe Bend from above.
- The view!
- The views
- The views
- The views
- The views
- The views
- The views
- The views and scenery of Coyote Gulch.
- The views of the canyon and the river.
- The views, camping, swimming, cleanliness of NRA.
- The views, the peacefulness, and the environment.
- The Visitors Center, the rangers at the Visitors Center and the amenities.
- The vistas.
- The warm sun and beautiful skies.

- The wash we hiked.
- The water and beaches at Powell!
- The water level is up and closer to the Wahweap campground. Wish it was closer.
- The weather and fishing.
- The weather was awesome and we caught a bunch of strires.
- The weather was great.
- The weather, the water, and fun.
- The well organized 0.5 marathon race.
- The wilderness views, the beach down by the Lees Ferry, the orchard.
- The wonderful scenery.
- They made desertish wilderness acessable for me through facilities. Problems with heat.
- This is the best place to visit in the country.
- This trip was just a short offroading trip.
- Thought I wanted to photograph Horseshoe Bend at sunset and seen size - way too many people there - sitting on edge - they were not safety conscious - made me very hesitant to get close enough to get a good shot at sunset - too much work to get there for sunrise - so I didn't go back.
- Time of year, not to hot and less people.
- Time together
- Tour of Dam.
- Tour of Lake Powell and dam tour very clean.
- Trip to Rainbow Bridge.
- Unfortunately, we only saw the southern part of Glen Canyon. We have to plan another visit. Lake Powell - view from Wahweap.
- Unique geography, scenery and quietness of the place.
- Very few other visitors.
- Video and the view of the bridge and lake.
- View
- View of Horseshoe Bend.
- View of landscape.
- View of nature.
- View, quiet, nature.
- Viewing what nature provided.
- Views
- Views
- Views
- Views
- Views
- Views and Hiking
- Views Antelope
- Views from Horseshoe Bend.
- Views of dam and Horseshoe Bend.
- Views of the canyon.
- Views over lake (although a bit low), Horseshoe Bend (Antelope Canyon - lower, was the highlight).
- Views! Canyons
- Views, boat trip.
- Views, hiking
- Views, night sky.
- Views. Lots of tranquil places to visit. Slow hikes.
- Views-hiking-nature.
- Visit to dam.
- Visiting Antelope Canyon and running through Glen Canyon and over the bridge.
- Visiting defiance horse and trails.

- Visiting Rainbow Bridge NM.
- Visiting the dam site.
- Visitor centers
- Vistas
- Vistas - resort
- Wahweap campground
- Wahweap campground and resort(esp. the pub). Lone Rock area;Cathedral Wash hikes.
- Wahweap Cg
- Walking over the river gorgeous on the bridge.
- Walking up to Wahweap Bay.
- Water
- Water
- Water activities
- We enjoyed the historic artifacts.
- We have come to Lake Powell for 25+ years. Usually we are out on our houseboat for 2 weeks. This visit was short. Best scenery and solitude.
- We love being on the lake and all the activities, hiking, boating, water sports, and fishing.
- We love Lake Powell beaches, water scenery, boating, camping and the restrooms with water and flush toilets.
- We love to hike and backpack. The scenery is awesome!
- We loved camping at Wahweap and hiking Cathedral Wash.
- We loved it all. Stargazing, camping on the beach, fishing, hiking and boating.
- We loved participating in the race, but the Dam tour was great!
- We loved the beautiful boat ride through the canyon, the history of it, the tour off the dam was very interesting and the hike to Rainbow Bridge Nat'l. Monument.
- Weather
- Weather
- Weather
- Weather
- Weather - nature beatle.
- Weather and views.
- Weather was great.
- Weather, scenery, accessable camping.
- Weather, vistas, condors.
- Weather, water, scenery.
- Where is question 24?
- Whole atmosphere
- Wild, well preserved
- Wildlife, scenery
- Wind for sailing. Peace and quiet.

Question 24b

What did you and your personal group like least about this visit to Glen Canyon NRA?

- "Big brother" (ranger) watching (rules and regs).
- \$ tours only.
- \$18/night is steep. Expensive for just taking space. The sites were tightly compact.
- A few businesses and access points were closed for the season. Lake was low - will come back in spring!
- A lot of people. But that is just the way it is.
- A lot of tourists.
- All are beautiful.
- All good
- All good!
- All very good!
- All was good.
- Amount of other tourists.
- Aramark - corporate greed! Filthy conditions at marinas/bathrooms. Poor lighting and security on docks - cockroaches due to filth!
- Aramark as concessionaire - need to open this bid up to another company. Boats are old, not maintained and dangerous. Staff is indifferent and rude.
- Areas within 10-20 miles of marinas are heavily impacted by humans (i.e. slobs) who leave a lot of trash and detritus.
- ATVs, motorcycles competing for speed and noise on the beach area.
- ATV's in the campground.
- Bad cell phone availability.
- Bad signs directions to lower Antelope Canyon.
- Bare minimum for RV'ers. Water and electric hook-ups and showers should be available.
- Barney Fife
- Bathrooms in loop e at Bullfrog could be a bit cleaner.
- Bathrooms were a bit far from campsite.
- Beautiful scenic
- Big cool power plant near Page.
- Blowing sand
- Boat broke down, and if we were not in cell phone service(1 bar only)we would have been stuck for days in Ribbon Canyon.
- Boat licencing issues, boat stickers for year purchased.
- Boat traffic
- Boat wash station slow waste of time.
- Bullfrog campground was unkept. We would really like to have electrical hook ups and cleaner bathrooms.
- Bullfrog-not much to do or to see and no ferry!
- Bumpy 40 mile Ridge Road.
- Busy page
- Busy Weekends
- Camp store closes at 4:00 in Wahweap camping area. (Lake Powell campground and marina area).
- Camp store closing at 4PM.
- Campground at Wahweap was just ok.
- Campground bathroom and showers, drinking water very few restaurants.
- Campgrounds has very hard dirt packed ground reminiscent of sleeping on wooden planks.
- Camping bathroom facilities, cost of camping.
- Cannot complain
- Cannot think of anything.



- Can't think of anything.
- Cell phone weakness, lack of restaurants and the times they are open.
- Change machine not working after hours. Washing machines need replacing.
- Charges for few sights were high.
- Coal power plant (go solar).
- Commercial fishing from docks at Bull Frog Marina. They leave blood, scales and fish hooks all over docks.
- Condition of Marina - garbage/recycling.
- Cooler temperatures
- Cost of entry.
- Cost of fuel, and slow internet access or non-working.
- Cost of the pass.
- Costs
- Could be real hot there. Definitely would want to go swimming. Need to pave parking Horseshoe Bend.
- Could have caught a few more fish.
- Could not get floating pump outs to work.
- Couldn't find question 24.
- Couldn't find the road to the overlook of the dam (behind Denny's) - needs better signage!
- Couldn't stay longer.
- Coyote Gulch is getting really crowded. We found lots of people in the canyon that didn't understand the rules. Campfires, horses and poop are all things we saw in the canyon.
- Crowded
- Crowded
- Crowded - need more camping areas.
- Crowded parking lot at Horseshoe Bend.
- Crowded places like the Upper and Lower Antelope Canyons nowadays, it was by far better 10 or 15 years ago. Equal to Horseshoe Bend.
- Crowds
- Crowds
- Crowds - marathon weekend.
- Crowds at dam tour.
- Crowds at Horseshoe Bend.
- Crowds at Lone Rock (Marathon Weekend).
- Dam tour not allowed inside dam. Tour guide unaware of guaggamussel infestation.
- Dam visitor center closed for renovation.
- Dangling Rope was really out of supplies. Rocks were not well marked under water!
- Debris in water at Tamerisk along shoreline.
- Didn't allow more time for tour of dam.
- Didn't get to see the slot canyons - too expensive!
- Didn't have time to enjoy more activities.
- Didn't stay long enough.
- Difficult terrain
- Difficulty finding single-track mtn. hiking trails.
- Dining options in Page - for breakfast, in particular.
- Directions from Map Quest to Lee's Ferry directed me to page - idiots!
- Dirt hole-in-the-rock road
- Dirty bath room at the campground and at the gas station where the ice machine is.
- Dirty restroom
- Distance from picnic area to the lake.
- Dog poop - especially on beaches - visitors with dogs should clean up!
- Don't like some of ARA personel, gas dock - Bullfrog.
- Don't mind park entrance fee. But feel boat tour cost too much.

- Duck hunters and the river - hunting is O.K. but not in an area where there's lots of other people. It doesn't mix well with tourism.
- Early closing of camp registration.
- Enforce wakeless speeds in marinas. ID and repair electric shock issues in marinas.
- Everything was fine.
- Everything was good.
- Everything was winding down at the stores so they were not stocked as well no shuttle service.
- Evidence of backpackers that made no effort to use way bags over even cover it up.
- Expense
- Expensive hotels
- Family units are delapidated. Not worth the money. Need higher octane fuel w/o ethenol.
- Fees to access Antelope Canyon.
- Few bathroom facilities.
- Few signs/explanation no ranger talk
- Finding trash in the parking lot.
- Fishing slow!
- Fishing was bad/lake temp was turning over.
- Fuel costs never went down here when fuel costs elsewhere went down. Excessive air traffic.
- Fuel dock in off season could be better staffed.
- Garbage and human waste, dangerous boating.
- Gas at Dangling Rope closed at 5:00 we barely made it but the attendant was nice enough to help.
- Gas price
- Gasoline (?) sheen on water.
- Glen Canyon Dam.
- Glenn dam
- Going home
- Going home
- Good trip. No dislikes.
- Had to leave!
- Hard to find good camping beaches.
- Having to pay (potentially) just to reach L. Powell resort area.
- Having to walk to view dam area.
- High camping and gas prices at Halls.
- High entrance fee.
- High gas prices.
- High price of admission.
- High winds
- High winds
- Hike up boat ramp.
- Hiking to the bathrooms.
- Hill walking
- Horseshoe Bend - what a mess!
- Horseshoe Bend due to bus loads of noisy visitors.
- Horseshoe Bend was pretty cool too!
- Horseshoe Bend was ridiculously crowded. I've never seen anything in the NPS like what was going on there.
- How close some tourists got to the edge of the cliffs.
- I couldn't say. The park is actually really beautiful.
- I found a spike driven in the rock. It was mostly underwater. Very unsafe. I tried to remove it but was unsuccessful.
- I know it's technically not within Glen Canyon NRA, but Antelope Canyon was way too crowded and a very poor visitor experience.

- I loved every minute of my visit especially my time with Phil and Arlean Miller.
- If we aren't supposed to camp at the trailheads where are we (and the 20 other people camped there) supposed to go, short of taking 2.5 hours each way to drive the washboarded road in our sedan because we don't have a truck?
- Improve your toilets area.
- Inconsiderate boaters
- Increasing evidence of toileting in Hurricane Gulch.
- Information (plaques, markers, etc.) about the geological side of the canyon. How/when it was formed, rock types.
- It can be confusing to not know what is a private area, a Navajo area or a park.
- It was fall break so Coyote Gulch was very busy.
- It was over too quick.
- It would be nice if there were more floating restrooms.
- Jet-ski noise
- There was a lot of people here when we arrived at Lone Rock.
- Just leaving! I love Powell.
- Lack of mountain biking opportunities.
- Lack of activities at Wahweap Marina in the evening.
- Lack of activities in Page, not having the opportunity to see Rainbow Bridge.
- Lack of amenities around Bullfrog for the amount of people that visit.
- Lack of facilities at Coyote Gulch.
- Lack of good restaurants.
- Lack of info from NPS that 89 was open.
- Lack of native Navajo food.
- Lack of non boater activities.
- Lack of places to eat in Page.
- Lack of presence of Aramark at Halls Creek store could not get any information or camping supplies the store was never open.
- Lack of public restrooms.
- Lack of restrooms.
- Lack of road maintenance to Stanton Creek, poor boat ramps around Bullfrog, lack of primitive camping around Bullfrog.
- -Lack of safety around Horseshoe Bend, difficult to get there.
- Lack of service at Bullfrog and Halls. Lack of facility maintenance.
- Lack of showers at campground.
- Lack of swimming areas and facilities.
- Lack of tourist shop area.
- Lake level, but we see it yearly so we know how low/high it can be.
- Lake water level.
- Large parking lot for Horseshoe Bend and too many people. Paved trails.
- Late season so it was cold in the morning.
- Leaving
- Lees Ferry, we anticipated a more historical site.
- Left behind trash.
- Liked it all.
- Limited dining possibilities at Wahweap Lodge.
- Limited food at Bullfrog restaurant.
- Limited food options.
- Lines going thru Slot Canyon - lower Antelope.
- Little biking trails.
- Long drive time.
- Long hike down the boat ramp from the vehicle.
- Long wait for dinner at resort.

- [illegible]

- N/A
- N/A
- N/A / dam tour was abridged due to maintenace.
- N/A-Loved everything!
- Na
- National Park prices
- Needed more restaurant options.
- Needed more time in dark, what's not to like.
- Needs more restrooms.
- No attendee at entrance. Kiosk broke - lots of confusion on Sat.
- No bathroom at Horseshoe Bend!
- No bathrooms
- No bathrooms at Horseshoe hike.
- No beach access to swim.
- No boats available!
- No cell phone coverage in all of Page area (ATandT). Had to go 10 mins W of Big Water for service.
- No comment.
- No issues
- No issues.
- No paved w/c trails.
- No picnic table.
- No problem or objections.
- No problems
- No ranger at the guard station.
- No ranger presence, recommend lengthening season to end of October.
- No rangers to check on camper or to check if people paid fee. Service credit card machine.
- No reasonable access to Rainbow Bridge without a very long expensive boat tour.
- No restaurant for sitting outside.
- No restroom access.
- No restrooms at Horseshoe Bend.
- No roads to see area.
- No showers at Lee Ferry's campsite.
- No showers in campground.
- No shuttle
- No toilet paper or soap at campground at Bullfrog.
- No trees! (just kidding)
- No V.C or entrance person's available. Still carry pass receipt from spring, only come in spring and fall to fish. Getting passes is a pain. Sent e-mail to park this spring - no reply, thx! 50 annual boat / 50 annual entrance is too high!
- No wheel chairs available for use.
- Nobody told us about the sand! (Just kidding, local joke)
- Noise, big RV.
- Noise/music from other boaters - jet boats.
- Noisy ATVs. We moved camp, the last night for quiet and less dust!
- Noisy campers, loud boats early in the morning.
- Noisy/busy campground.
- None
- None
- None
- None
- None - maybe lack of directions on pump out station.
- Not being able to go down into the "guts" of the dam.

- Not enough camping areas.
- Not enough camping sites for non-boaters.
- Not enough hiking trails that were secluded.
- Not enough public bathroom.
- Not enough time because the park is so big.
- Not enough time to enjoy the rest of the park.
- Not enough time to explore more.
- Not enough time!
- Not enough time.
- Not enough time.
- Not fishing
- Nothing
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- Nothing
- Nothing - it is what it is! Great.
- Nothing - it was a great place to be.
- Nothing - it was beautiful.
- Nothing - loved it!
- Nothing - we love being at Lake Powell.

- Nothing comes to mind.
- Nothing it was all good!
- Nothing on this visit.
- Nothing to dislike.
- Nothing!
- Nothing!
- Nothing! All good!
- Nothing! We had a wonderful time!
- Nothing, everything was fine.
- Nothing, It was all great! Thank you.
- Nothing, it was wonderful.
- Nothing, besides the long drive.
- Nothing. Everything was great, really.
- Nothing. We stumbled onto it, we stopped at most of the information centers on our drives.
- Nothing; everything was beautiful.
- Nowhere to walk from lake Powell resort lodge by the lake.
- Number of people camping at Jacob Hamblin.
- Number of tourists visiting Antelope Canyon.
- Off season - still warm.
- Only one golf cart shuttle at Marina.
- Open cliffs with no fence. My partner is afraid of heights. Horeshoe Bend was not "safe" for her. She wanted an elevated viewing place to see it from afar.
- Other boaters, lack of obeying laws and safety.
- Other people
- Our limited time. -
- Our visit had to end - we had fun.
- Outside Glen Canyon: very negative tourist development at Antelope Canyon compared to 3 years ago. I was shocked!
- Over crowding
- Paid fee because it was no clear my national park pass was useable.
- Parking
- Parking lot lights decreased night time star visability.
- Parking situation.
- Parking. Need more handicapped spaces.
- Pay for camping. \$27 a night is high - no showers.
- Pay station was not working.
- Paying for showers, coin machine did not work.
- Paying so much money for one day.
- People blasting their music from 12-3am.
- People having a wake in wakeless areas.
- People using "pins" to anchor houseboats to dock - they leave holes and metal pipes.
- Perception of no accessibility to water unless you have a water craft? Where was the beach for swimming?
- Please try to open the Bullfrog visitor center more. Even more important, let us know what hours it will be open.
- Pool at resort not heated.
- Poop bags
- Pooping in bags.
- Poor service by Amark.
- Poor telephone hard lines and cell service. "Poor secives" - dock water faucet has leaked since July. Dock light powers out all summer - (dock mates brought and installed new lights this trip.
- Porta Potty's
- Portable toilets

- Power lines, some roadways.
- Power plant - smoke from plant.
- Presence of tour buses.
- Pretty satisfied with trip.
- Price of fuel.
- Price to get in the park. Couldn't buy a one day pass.
- Pricey for .5 day or less for a day use picnic.
- Quagga Mussels
- Quagga mussels
- Quality of help from rangers.
- Quality of restaurants.
- Rather more tourists out the paths than I would have liked; and apprehension about going close to the 'edge'.
- Remodeling
- Restrooms closed in winter months.
- Restrooms not cleaned in loops A and B. This has been poor! For 3-4 yrs. now.
- Restrooms on the boat.
- Rich tourists
- Road condition of "Hole in Rock Road."
- Rocks out in the water.
- Rough roads to beach.
- Rubbish, glass
- Safety concerns on lake - unmarked rocks, shallow areas, cell rec., cold water, and ability to reach out for help, if needed - especially in Oct!
- Security at dam.
- Security check at the dam.
- Seeing toilet paper left behind by previous visitors to Coyote Gulch.
- Seeing trash on the beach area at Lone Rock.
- Senic views on lake.
- Service and inventory at Dangling Rope.
- Sightseeing and hike information was hard to find and distance not clear.
- Since we were only there for 0.5 day-well, nothing.
- Skiers and sight seers are not respectful. Come way too close to us fishing and large wakes.
- Smelly beach bathrooms.
- Smokers!
- So many people in Page-were pretty small tours.
- Some of the conditions at Bullfrog Marina bathrooms at the camp ground.
- Some ruins closed.
- Some traffic areas around Page could use traffic lights.
- Sometimes too crowded.
- Sometimes too many people.
- Somewhat crowded camping conditions and noisy neighbors.
- Speed boats
- Still to less shadowy places / no signs where shadowy places to find roadsigns / brochures / web-site.
- Stupid fee machine at entrance - double charged us, office closed. Had to return to office in town next day for refund.
- That 2- stroke pwc's are illegal. But 2-stroke boats aren't- wft??? Talk about isolating a specific group. Total Gov't over reach.
- That I didn't plan more time.
- That the exhibits were closed uner renovations (at Carl Hayden). Quagga mussels drying out our boat, decontamination etc.
- That we couldn't stay longer.



- That we did not have more time to see/visit more of area.
- That we didn't have enough time to rent a boat and explore Lake Powell from the water-side.
- The 40 mile Ridge Road could be a little less rough!
- The annoying jet boat cruising the water along the beach.
- The ATM type machine for access permits. Why can't we do this ahead of arrival online? Get our stickers ect.
- The bathrooms at the Bullfrog campground have been filthy for 3 years. Complaints to Aramark and the park superintendant are ignored.
- The bathrooms on Lone Rock beach ran out of toilet paper, and stopped flushing. They got gross.
- The busyness.
- The camp ground maintenance was marginal.
- The camping cost used to be (for 20 years) \$6 a night for me to camp at Wahweap. Workers told me they never honored Golden Pass .5 price camping.
- The Carl Hayden Visitors Center was under remodel, so that was disappointing. Will have to go back.
- The city of page.
- The cost of "sightseeing". Park fees.
- The cost to get in.
- The crowd
- The crowded beach at Lone Rock.
- The crowds
- The crowds
- The crowds
- The crowds - But we all have the privilege to enjoy and share this special and sacred land we live on.
- The crowds and having to make a campsite reservation in mid-October.
- The Dam
- The dam
- The dam
- The destruction of nature by ignorant travelers-garbage, dirty beaches, dirty water and speeding boats through the canyon areas - no-wake zones needed.
- The dogs on the campground when they are not on leash.
- The drive
- The drive into Lone Rock Beach (we were scared to get stuck).
- The entrance machine for payment.
- The existence of Glen Canyon Dam.
- The fees to enter the park.
- The fish weren't biting, the floating toilet had no power and wouldn't flush.
- The fluctuating river level due possibly to supporting raft traffic. Disturbs fisheries and wildlife. Unnatural happening so often. The spector of increased accessibility and use in general.
- The Glen Canyon Dam and the devistating effect this thing has on the River and boats.
- The high price of the speeding boats.
- The higher prices than the other towns next to Page. ( For instance, the gas prices!)
- The ignorance of those that threw trash on the trail.
- The inability to park even when the parking lot was 80% empty due to non thinking non caring individuals.
- The issues with mussels, slow boat traffic at Antelope Point.
- The lack of proper attending of the restroom in the Bullfrog RV park.
- The large amount of micro trash on the shore/camping areas at Lone Rock.
- The little amount of car camping spots in the BLM land.
- The long walk to the Lonely Dell and the restrooms at Navajo Bridge Interpretive Center.
- The low water - some areas were hard to access.

- The motorboat traffic on the river. Always get bathtub effect in kayak. Is it possible to limit speed or horse power?
- The museum construction and the fact that there were no centennial wood badges available!
- The number of people accessing the area when we were there was too high for the environment. (50-75)
- The number of tourists.
- The pay machine at the entrance. A yearly park pass should be before 1 yr from purchase date. Bullfrog Oct 15 2016, Halls Crossing Sept 28 2016.
- The poor walking conditions at Horseshoe Bend.
- The rangers weird attitude at the boat ramp.
- The risks being taken by people too close to the edges of the canyon.
- The road terrain. We got a flat tire.
- The rough road surface at 'the chains'.
- The time change confusion back and forth the line.
- The trash on beach and people that rent boats and put everyone else at danger.
- The uncertainty about whether there would be an available campsite.
- The view
- The visitor center in Page AZ was closed on Sunday.
- The walk from parking to boat ramp.
- The walk to and from the boat-ramp was somewhat difficult.
- The walking path to Horseshoe Bend.
- The wind blew hard most of the time.
- There is way too much impact on the fishery from GCMRC and A2 game and fish. They should leave the trout alone!
- There was nothing we didn't like.
- There was nothing we didn't like.
- There were limited no. of organized activities.
- This sign indicates braking the law if you don't stop. I was in a hurry but "had" to stop. The "legal" stop sign held by surveyor. She was extremely nice which shut me up though.
- This survey that keeps being mailed to me!
- This very long questionnaire. All of these studies, of which I have received no less than 9 (not from Park Service) all before Thanksgiving.
- Time change was somewhat confusing between AZ and UT.
- To commercial
- To many people (lol).
- To much government control. Expensive rates to dry camp.
- Too crowded
- Too crowded
- Too exposed
- Too far away. We would visit more if we lived closer.
- Too high of price for boat rentals.
- Too hot, bit crowded.
- Too many huge RV's and generators.
- Too many motorboats at high speeds in the narrow slots, almost got ran over and drowned by wakes.
- Too many other boaters.
- Too many people at Antelope Canyon!
- Too many people in lower Antelope tours and too much litter and trash at Horseshoe Bend.
- Too many people in the area at the same time.
- Too many people on Lone Rock Beach when sponsored event in progress.
- Too many people.
- Too many people.
- Too many people.

- Too many people/tour buses.
- Too many regulations and no porta potties at Horseshoe Bend!
- Too many visitors at the time we visited. Next time we'll time it different.
- Too much tourism/ crowded.
- Too much walking.
- Too much work on boats-5.
- Too short on time!
- Too sterile
- Traffic
- Traffic. Boats and noise on Lake Powell - all the time!
- Trailheads
- Trash around shore, visible gas/oil in water.
- Trash on the beaches and fish lines and hooks left behind by others.
- Tribal fees, and entrance. Restaurant open hours, all closed at 10 pm such a shame.
- Trying to load/unload at Hobbie cat - docks need to be added.
- Unhelpful staff, faulty equipment in the park.
- Uneven camp site, no showers too few camp sites.
- Unreliable phone and internet access at Wahweap Campground.
- Unsure boaters, prices Aramark mafia pricing and rules/restrictions.
- Very 'messy' and untidy around the campground. Not well hidden by [word] the boat yards etc. Lack of trail info.
- Visitor ctr was under renovation and there wasn't access to the Dam viewing window.
- Visitor's center
- Wahweap campground sites were dirty. Fire pits full of junk and cigarette butts. Cans, paper scraps and garbage along roadways.
- Wait time for tour.
- Waiting for hours at a time to get houseboat from Aramark at Bullfrog.
- Walk to parking lot from Bullfrog ramp.
- Washbond road
- Washroom facility
- Water was too cold to swim!
- Waverunners! Fireworks
- We can't think of anything.
- We couldn't do a selfguided tour of the dam.
- We didn't find a good dark sky location in the vicinity of page.
- We enjoyed our visit.
- We found trash left behind by a tour group. We carried it out to a dumpster, but that was so sad to witness. The tour groups we encountered at hotel were rude, too.
- We had to leave.
- We liked everything!
- We loved everything.
- We picked up a lot of garbage from other people.
- Weather
- Weeds at end of canyons.
- Went first to N. Wahweap entrance which was manned by an autobot which knew nothing about discounts. Wanted \$60 US \$15 at south entrance.
- What's not to like.
- Whilst appreciating it is very large, we thought some areas were off limits due to lack of access. There was limited hikes in the Powell area.
- Wind
- Wind
- Wind
- Wind

- Windy fall conditions - (not usual this time of yr).
- Windy today
- Wish the lake would stay fuller.
- With all the different N.P. and N.M. in the area it is hard to get an overview of activities.
- Would have enjoyed more roads to the lake and lake access w/out boat.

Question 26

Is there anything else you and your personal group would like to tell us about your visit to Glen Canyon NRA?

- /
- 1.Lengthen marina hours. 2. Make boat ramp steeper.
- A great discovery for us.
- A wonderful experience.
- Accuracy of location of chanel markers. Aramark should not have an NPS authorized monopoly.
- Again, the Bullfrog campground bathrooms have been grossly filthy for 3 years and complaints are ignored. Fire the superintendant.
- All I wanted was to take my grandson to the lake for 1 hour of fishing. Had to pay full price (25 dollars) and did not find a suitable place.
- Allow parking on the ramps.
- Also loved Antelope Canyon area.
- Always a great time! We come as much as we can from May-October.
- Always love it! Right in our backyard!
- Am I supposed to staple this?- I guess I will.
- Amazing place - I intend to come back often. I think it should be a National Park.
- Amazing!
- Announcement of star gazing in Lee's Ferry is extremely important for us.
- Antelope Canyon needs to be put under the jurisdiction of the N.P.S. and taken away from the Navajo Nation. They only care about making money and not about the visitor experience.
- Appreciate the chance to visit.
- ARA needs to smile more. Cheaper fuel means more visits! Been coming for 30+ year, will most likely continue.
- Area we visited was impressive.
- As we live in seattle,it is a long trip to glen canyon. Many folks here are unfamiliar with the opportunities there.
- At Halls Crossing, rocky walkway from parking lot to marina.
- Awesome
- Beautiful area - enjoyed a lot.
- Beautiful area!
- Beautiful land and well maintained.
- Beautiful!
- Better communicate to tour bus drivers that their passengers need to pick up after themselves and respect the land and not their trash.
- Better road signs to the tour boat would be nice. Better side accomodation not for the riches.
- Bit disappointed about lack of access to wilderness areas.
- Bryan English has done a wonderful job with food and service at Anasazi Restaraunt and Lounge. Food was excellent. Michael Casey (in particular), Shane and Shannon were exceptional servers and friendly.
- Bullfrog Aramak houseboat check in was ultra slow. Why can't I rent from someone else? That's cornering the market unfairly.
- Cheaper access to activities on the lake.
- Closer auto access to Lee's Ferry cabin ranch.
- Completely enjoyed our visit.
- Cool benches and shelters.
- Could do more with Horseshoe Bend.
- Did not have time to explore more. Tight schedule thus prioritized on Horseshoe Bend.
- Didn't have much time. Was only on one side of the lake. Took that side as it was more convenient to travel to Las Vegas.

- Dissatisfied that website didn't discuss fact that dam tours fill up so should get there early. Unable to tour for that reason.
- Do a much better job facilitating decontamination of boats.
- Do not implement a reservation system for camping. First come first serve works great.
- Drove from Orlando Fla. To find an FS Seminole man working at dam. Real nice young man.
- Each National Park is different and every time we visit one, we want to try more! Glen Canyon NRA exceeded my expectations by far!
- Employees were helpful. Very disappointed there were no info/exhibits in the visitors center. The existing displays should have been available for viewing.
- Enjoyed camping at Wahweap and tours.
- Enjoyed our visit - we will be back.
- Entrance, launch and decontam personnel were all extremely helpful, knowledgeable, and pleasant. They always are!
- Even after coming from the Grand Canyon, the park was still very beautiful and impressive.
- Everything was nice and beautiful. The charges for few of the sights were little high.
- Expand Stanton Creek primitive camping, expand full hook up campgrounds, have fishing licenses available for purchase.
- Fees almost like people out of the place. Too high and only getting worse. I come every spring and fall to fish. Can never get my passes - 30-50 annual pass and boat pass increase this year is stupid high! Park says moderate increase, but it's robbery to use "public" land. Camp fees also too high and ANS program makes it limited to leave daily.
- Fees are getting expensive. This used to be an inexpensive trip. Not anymore.
- Fill up the lakes!
- First visit in 20 years area has aged but still looks first class.
- Fix the ferry.
- Fix the pay stations.
- Flew monument valley stayed on, flew home after dam visit.
- Fun area! Wish the dam had been open for more than surface tour.
- Glen Canyon and Page is a unique area not like any I have visited before nature at its best.
- Good job!
- Good place to come relax.
- Good visit. In general AZ has not enough restroom stops/roadside stops. Seniors need to stop often!
- Gorgeous - would get a permit if required.
- Great area! Trails for non ATVs (like hiking or mountain biking) would be great.
- Great outdoor experience.
- Great place to camp easily with young children! They loved it and still talk about the Colorado River!
- Great time!
- Great time! Will be back!
- Great trip to Coyote Gulch; will return at some point in future.
- Great visit
- Great visit!
- Halls Crossing park entrance pay machine gave no option for yearly pass. Sept 28 2016. Bullfrog pay machine sold me a yearly pass that I thought was good for 365 days and expires on December 2016. This was my last trip for this year and was a waste of \$50.00.
- Happy with cleanliness of bathrooms (main ones) although most of the smaller facilities were closed (early Nov) - should have been open given the number of campers in the area.
- Hate knowing what lies beneath!
- Heard it was great on tour of lake. Antelope Canyon and Horseshoe Bend discovered when we arrived.
- I don't understand why the Golden Pass doesn't offer .5 price camping anymore. I was upset that at registration they didn't know they honored that for me for 20 years. It even says so on my card, but they refused.

- I feel if you want to attract people. Look at costs for activities available.
- I have been coming to Lake Powell since 1978, probably somewhere near 100 separate visits. I love the lake, it is an important part of my life.
- I liked how accessible the lake was.
- I loved every minute of my visit especially my time with Phil and Arlean Miller.
- I ran in to many foreigners who spoke poor English, yet all signs, displays, warnings were only in English.
- I realize mussel inspections are very important however there should be check stations on the other side of offshore marina. This would relieve the long lines during busy weekends.
- I saw several stakes left in the rock from previous anchors - why is this allowed?
- I think NPS needs to make decisions on what Halls Creek priorities need to provide and what not to provide. Aramark at Halls Creek store, trailers non-existent.
- I wanted to take a boat tour but ran out of time. I love this place - come often, but have only camped at Wahweap 4 times now. It's a perfect spot - I'll stay longer next time and do more exploring.
- I would really like it if you were able to mark rocks under the water surface!
- I'm sorry that agreed to do this survey as I ended up not making it Lake Powell proper. I spent all of my time at GSEM. Thanks, [Travis Creswell]
- Incredible place! Loved having access to Lake Powell resort via the Wahweap campground - excellent feature. Friendly/ helpful staff everywhere I went.
- Information about mountain biking trails.
- It is a wonder for the eyes (eye candy) been there 3x and will return with kayaks in May-wonderful place!
- It was a pleasant surprise. Thoroughly enjoyed our experience and plan to share it with others.
- It was absolutely beautiful! We had an amazing time and it has been the highlight of our 1 year trip!
- It was amazing.
- It was beautiful in 59 it's beautiful now. But there is no "canyon" in Glen Canyon. It does not need to change anymore than it already has.
- It was enjoyable.
- It was great and all workers were well informed and polite.
- It was great!
- It was great!
- It was great.
- It was part of a trip and we enjoy it all. Not enough time.
- It was very short as we had to squeeze in a lot in 3 days - South River, etc.
- It was wonderful not to have to contend with huge crowds. October was a perfect time for us to visit!
- It was wonderful.
- It would be nice to ban campfires since people are cutting tree branches and making fire rings despite the current rules, but I don't know that it could be enforced.
- It would be wise to have a shuttle pick you up at the bottom of the boat ramp when the lake is low.
- It's a beautiful place. It would be even better if the water level was high enough to launch at Hite.
- It's a huge lake - make more access points and shoreline camping areas.
- It's beautiful, we'll be back.
- Just thank you to all who make this a reality! Your dedication is obvious.
- Keep it natural.
- Keep the fishing cleaning stations open.
- Keep things more natural, don't make it easy for people to access.
- Lake Powell is the best!
- Late season no camp host.
- Leave all signs, exhibits, displays and facility markings in English only! No Spanish, etc.
- Lee's Ferry needs more attention from Glen Canyon. It is a very busy place.

- Letting livestock graze near the lake and tributaries is disgusting.
- Liked it - easy - less fuss is better.
- Love love love southern Utah... dont sell out to mining and grazing. These are the places that keep our spirit free and wild...the imagination, limitless.
- Love Powell water database helpful for trip planning.
- Love the beauty, color and everything that is natural.
- Love the place. Remember there are many of us who crave openness, wildness, and solitude. We need campgrounds that are smaller, quieter, and without big rigs and generators.
- Love this area.
- Loved it
- Loved it!
- Loved Marble Canyon the best. Don't change Lee's Ferry campground it's perfect.
- Loved our experience...love the national park service too!
- Lovely area, keep it natural - less is more. You can't improve on mother nature.
- Major improvements needed at HNite and Staton Creek.
- Make it possible for families with small children able to reserve a spot on the dam tour without having to come out and sit and wait all day long.
- Make permits available online to avoid problems at the check station.
- More bathrooms in areas with dirt roads to the lake for those who can't afford the speacial camping sites and visitors centers or rent big boats.
- Most individuals were very helpful and friendly. The Aramark/Marina rules are oppressive and monopolistic in regards to offshore services.
- My first trip to Glen Canyon/Lake Powell was in 1967. The majesty of the canyon back then was awesome. Let's keep it that way!
- My taxes at work. Enjoyed all of my visit. Great job ladies and gentlemen.
- N.A.
- N/A
- N/A
- N/A
- N/A
- NA
- Navajo land is overly trashy and too many roadkill dogs.
- Need better poop service. Removing St. line poop dock bad idea. Too much demand and no backup when down.
- Need more rangers in the Escalante area. This is a beautiful area and I think a lot of the Glen Canyon NRA resources are tied up in Lake Powell.
- Need porta potties at Horseshoe Bend!
- Need to clean up beaches and learn more about sand problem from river and lake.
- Need to educate visitors about quiet hours (no generators running all night) and 150 spacing on camps.
- Nice campground at Wahweap but parking at sites too small on loop we were at.
- Nice clean campground at Wahweap.
- Nice surprise. We didn't know about park.
- Nil
- No
- No
- No
- No
- No
- No
- No
- No
- No
- No



- No
- No
- No
- No
- No
- No
- No
- No
- No
- No
- No
- No
- No
- No - just thank you to the park service we are a blessed country to have our NRA areas.
- No ranger at the check in booth couldn't pay cash for our stay, the credit card reader didn't accept 2 of our 3 cards, the senior discount was difficult to find.
- No stickers on last page.
- No, Beautiful.
- None
- Nope
- Nope
- Not at this time.
- Not enough car camping spots in Escalante.
- Nothing
- Nothing
- Nothing. Enjoyed visit.
- Of the many national parks, sea shores and recreation areas. Lake Powell and FKNMS(FI. Keys) are our two standout favorites.
- On another visit, we enjoyed the ranger at Halls teaching us about mussels.
- One incident in each camp location - power boat drivers were inconsiderant of their wake when passing kayaks - one yelling and cussed at us in Moqui.
- One of my favorite places on earth!
- One of our favorite places to go.
- One of the most beautiful places on Earth.
- One of the most important visitor places in USA.
- Only in the park for a hike. Didn't really get to experience the park, so many of the questions did not apply.
- Other than the crowds at Horseshoe Bend, everything else in the Lake Powell area was very nice.
- Our family has been visting Lake Powell for over 20 years - we spend weeks at a time - seen high water/low leverl - we love camping here and enjoying the beauty of the Red Rocks - treasure.
- Our national parks are being over promoted. Stop tour buses.
- Our trip starting in Las Vegas was planned to visit the South Rim and North Rim of the Grand Canyon in 2 days with an overnight in Page, AZ. So Glen Canyon was a surprise and we had very limited time to drive through and certainly not to hike. Next time we'll give ourselves more time.
- Our visit consisted of a short picnic lunch stop.
- Outstanding campground for RV's.
- Overall, very enjoyable.
- Park ranger, Hector, was helpful in steering us to the scenic drive Dam overview.
- Park rangers we talked to were very pleasant and nice!
- Pay station didn't work. ORV maps of the area would be nice.
- People are allowed to get too close to canyon edges. Signs altering people to the # of injuries from carelessness!

- Perhaps composting toilets at trail head of hurricane. A permit system for Coyote Canyon area.
- Please consider looking into the condition of the houseboats rented out at Bullfrog. We have rented several times and as a result of our poor experience ended up buying our own. They are not safe; staff is incompetent.
- Please improve quality of fuel. Could use another loading dock at bullfrog launch. Courtesy van to drive back down to ramp.
- Please keep preserved!
- Please limit the number of people accessing the back country. We could pay 1000 plus to have a less crowded experience.
- Please remember the original charter of the national parks. They are not theme parks, but fragile to too much traffic and the hands of busy men. The balance tipped too far creates another place like the one the people are taking a break from.
- Please take care of these beautiful sacred places for generations to come.
- Powell is a wonderful asset to this nation, try and keep it that way!
- Protect outdoor exhibits and information stations.
- Raininer Bridge and Antelope Canyon info is helpful if we get a chance to visit them in the future.
- Raise the water level.
- Ranger at rainbow was great. Service at Dangling Rope sucked, witnessed docking problems and fuel spills by inexperienced people.
- Rangers are not very helpful. They would more likley hassle people than help them.
- Really we were just traveling through. Had been to Zion and Bryce National Parks and North Rim. We were bound for home. This was not our primary destination.
- Recycling at Bullfrog Marina was overflowing - attracting animals.
- Remember it's a recreation area, not a park.
- Roving ranger to enforce irregular activity.
- RV campground at Wahweap was excellent, best we had stayed at on this trip (15-20 campgrounds).
- RV park on cable TV and prices.
- Same as question #25: This is the best place to visit in the country.
- Seemed like people were too close to the edge on overhangs at Horseshoe Bend Overlook. Rope off? Add ranger?
- Service entry fee station. Some credit cards don't work in machine. Screen on machine a challenge to view. Place seems to run on auto pilot.
- So glad we were here in October and not the summer.
- Some of the Aramark employees went above and beyond for us. Yet others were not so excited to offer extra help.
- Sorry for the delay in our answer - and we appriciate the fact you ask for our feedback!
- Staff was superb! Very helpful and kind.
- Staff was very good.
- Stayed at Page on route from Bryce (Kanab) only experienced a small part of Glen Canyon on route to Monument Valley (Kayenta - would liked to stay longer.
- Support the Utah DOW more. Work together on the mussel issue. Have decon stations. Be consistent in decon. I.E have it available during business hours, not "maybe tomorrow."
- Sure would be nice to have that washboard road(hole in the road)knocked out-wrecked havoc on our poor van.
- Thank you all for your efforts. We have visited over 20 national parks and they have all been wonderful.
- Thank you for direction on the area.
- Thank you for this stay!
- Thank you for your kindness. We'll come back!
- Thank you we had a great time! Continue to let this beautiful place be accessible to the people.
- Thank you, appreciated it alot and the off road trails we really liked!
- Thank You.
- Thanks

- Thanks for a great visit!
- Thanks for all you do!
- Thanks for keeping this spectacular place preserved.
- Thanks for protecting this great nature.
- Thanks for taking care of the place. Please be good educators and stewards - be friendly. Law enforcement, or the need for it, is a necessary evil - but, please, no gestapo in the parks.
- Thanks for the outdoor showers at Lone Rock.
- The amount of website info was very useful to prepare for our trip. The area is gorgeous, but so unfortunate the amount of garbage and rude tourist.
- The boat inspectors need to be better trained!
- The campground was very nice. The staff at the campground was lazy and did not post our campsite when we arrived after hours.
- The dam and information center. It was a great experience. Wish I had more time to spend there.
- The dam seemed like old tech, so dated. I realized we should get away from hydro power if possible.
- The flushing toilets and running water at Lone Rock were a welcome feature.
- The girl who gave us this survey was nice and friendly and knowledgeable.
- The historical information at Lees Ferry need to be developed and shown.
- The Lake is very low in fall and summer. The Quaggas are really frustrating. Getting off the lake at dusk there after at Stateline launch ramp is hard. There are no lights by the docks, one by the bathroom at the top, none in the bathroom. We need boater education about what to do on the lake in the water when lightning storms occur.
- The lake sells itself. No need for surveys.
- The lake, without a ripple, reflecting a campfire, the stars, and the full moon rising through a gap in the cliffs at the upper end of Knowles Canyon.
- The marinas, especially Halls, have gone downhill rapidly over the past 5 years. Halls seems to be the "forgotten" marina - very sad! Cockroaches - yuck!
- The new group of park rangers need to be taught more about personal interaction. Some are so excited to be carrying a gun, they are a nuisance.
- The NRA is about the lake, but boat rentals are prohibitively expensive. We wanted to rent but could not afford to.
- The ranger that provided this survey was very informative and super friendly. Rangers make the parks!
- The rangers are always very informative and helpful at Glen Canyon NRA.
- The rangers are very very kind to the tourists.
- The whole park is beautiful. Need better maintenance other than the restrooms, a camp host in each section would help.
- There is no Question 24? What ya'll smoking.
- This is a beautiful park - so glad I got to visit it.
- This is a magic place. I want to keep it the way the Navajos had always preserved it and yet be a place for all of us to enjoy and cherish it for many generations to come.
- This is not a 25 min. survey!
- This visit was for a future photography workshop - We will be back with a larger group of 10 people.
- This was a "spur of the moment, let's go to Powell" idea. We planned to see grand staircase, but my husband has never seen Powell and likes to fish. We want to actually plan a trip and see the slot canyons. Thanks
- This was a wonderful rafting adventure with much to see.
- Those rangers we did encounter were very friendly and helpful. We also felt secure around the NRA.
- To have a self serve boat wash to clean boat for arrival and departure.
- Unfortunately we were just at Horseshoe Bend.
- Used to enjoy ranger programs when we had kids at home. Now we just go to fish/swim/run the dogs.

- Varied and impressive scenic views must be preserved.
- Very clean park! We've also stayed at Lone Rock. Our vehicle got stuck in the sand and there were tons of bugs so we won't do Lone Rock again.
- Very clean, quiet and will definitely visit often! Love page!
- Very enjoyable, relaxed, un-hurried.
- Very happy with showers and toilet facilities at Lone Rock.
- Very interesting - the scenic drive to Lees Ferry was amazing and interesting. Would like to be a geologist.
- Very interesting park - Hope to come back to see other parts.
- Very nice place!
- Very relaxing
- Very scenic landscape that gives insight into the earth history.
- Visited only horseshoe bend and antelope canyon. Lake Powell Resort stay was average.
- Wahweap Marina, guests should not be limited to just 1 concession service. Aramark.
- Was very nice and we plan for return.
- We always enjoy our visits.
- We continue to be concerned with dropping lake levels.
- We didn't plan on visiting Glen Canyon NRA but full campground at South rim of Grand Canyon forced us to stay in the area and we were very glad to have the chance to visit. We would love to come back some day.
- We didn't stay long. Beautiful place, I'm glad we can access the area.
- We enjoyed being able to use UTVs in close proximity to our water activities and being able to dry camp right by the water.
- We enjoyed it!
- We enjoyed our time during our visit and would recommend this area to other travelers.
- We enjoyed our visit.
- We entered Wahweap Marina by mistake. We meant to stop by the vista point to take some pictures. A ranger directed us to the right way in the end.
- We found dinosaur tracks at Lake Powell but there was no protection or signs! We are wondering whether these tracks are known to you?
- We had a great time.
- We had a wonderful trip! Thank you! The only thing (other than the bathrooms) is the nudity. European visitors let their children (2 and 4ish) roam naked all day. Others (grown women) changed out in the open. It was a cultural experience.
- We had the best time.
- We hadn't planned on this as one of several stops in UT-AZ-CO area. It was a nice unplanned event.
- We have been Glen Canyon many times and have only used boat access to camping. The primitive camping at Stanton Creek was great. More should be available! Perhaps more primitive camping in remote areas.
- We have been visiting Lake Powell area 16 year period. Camping, houseboat etc. From Hite to Lone Rock. So at times too we have used your programs - tour the dam etc.
- We have enjoyed all recreational sites!
- We like freedom to visit this beautiful lake.
- We love Glen Canyon and have brought our children there for the last 25+ years they are grown up and bring their kids now.
- We love it here.
- We love it, our favorite place to vacation.
- We love Lake Powell - it would be a real shame if the "drainer class" got their way.
- We love Lake Powell!
- We love Lake Powell!
- We love spending time here - Thanks.
- We loved it and will hopefully be back!
- We loved our visit.

- We only had a short time to spend in Glen Canyon - but it was beautiful and would like to return.
- We rent a slip at Bullfrog Marina for a cruiser. We come down Friday-Sunday and during the summer parking is really bad. It would also be nice if garbage cans were on the docks.
- We rented a boat at Wahweap Marina for one day. A laminated map showing buoys and obstacles included in the rental would have been nice. We purchased a map, but shouldn't have had to.
- We saw a coyote. He walked right onto our beach.
- We stayed 2 nights in Page as part of a 10 night tour and enjoyed our visit.
- We took a 3 wk driving tour from Canada, and visited all 6 of the National Parks. I researched our itinerary by looking up "best hikes", best slot canyons. We were basically unaware of anything about GCRA. We may have spent more time in the beautiful area had more information come up. (We basically drove by on our way from Page to Kanab).
- We very much enjoyed discovering the area! We began our tour with Capital Reef National Park, on to Bryce Canyon, to Glen Canyon, to Grand Canyon, to Zion N.P., to Great Salt Lake.
- We visit Lake Powell annually. We are concerned about the increasingly low water levels, and the destruction of archeological or natural sites. We have mostly appreciated the efforts to clean up the water and beaches.
- We visited a lot of NPS sites and we enjoyed all!
- We wanted to do Rainbow Bridge or Antelope Canyon but it was very expensive. No kids rates?
- We were a paying grp (strangers)-6 to go to Antelope Canyon and stop at Horseshoe Bend 2 walked 4 could not - Lee's landing and other stops to view.
- We were at the canyon for a trip on a tour boat and a visit to one of the scenic areas. We were impressed by the helpfulness of the rangers we met.
- We were here mainly for Antelope Canyon and Horseshoe Bend.
- We were in the area to look at property. The sites were certainly an added bonus.
- We were just exploring the area.
- We were just passing through so did not have time to stop and explore. If there is a next time we would allot some time to visit and explore the area.
- We were only at Lake Powell so cannot really say a lot.
- We were pleasantly surprised at the wonderful facilities and services provided. Keep up the 'great' work. Thank you.
- We were so impressed and pleasantly surprised.
- We will be back another time.
- We will be back to spend more time!
- We will return!
- We wish this wasn't a National Park. Please let the states govern their own lands.
- We would like to see more of Glen Canyon NRA since we only saw the Horseshoe Bend and the dam.
- We're glad they've implemented a toilet rule for camping call me when you figure out how to enforce it.
- When visiting, not many pamphlets to show historical info.
- Where is question 24.
- While the solitude is great, making the roads in Grand Staircase a little more accessible would be nice so as to ease getting to the Lake and other sites. More developed trails or at least more information about hiking/backpacking would be greatly appreciated.
- Why a fee to enter only for boat tour. Why wasn't there a real person to welcome us and charge fee and answer questions.
- Why is it so expensive? Rooms in Page mostly more than 120. - US\$. Boat trip to Rainbow Bridge 100. - US\$, Antelope Canyon 50. - and more. Only rich people can pay for this and see all the beauty.
- Wish we had more time to visit. Also, wish we knew about guided tour in river bed.
- Wonderful place
- Wonderful trip!

- Would like a better/shorter? way to get to Rainbow Bridge - and for the ferry to be working! At Hall's crossing - we would like to also have been able to better access GCRA from the east side from Moab/Blanding area.
- Would like better boat launching. Doesn't need to concrete, gravel with good angle would suffice.
- Would like to have a cable car to go across the Horseshoe Bend.
- Would like to know how to resolve pay issues at entrances with no NPS staff available.
- Would like to see more enforcement of porta potty requirement, and camp site checks by rangers.
- Would like to see more lights near signs along the drive. Pave the Horseshoe Bend parking lot, street. Helpful staff - all very nice.
- You do an awesome job! The passes are getting very expensive.
- Your vendor/contractor has become very lazy in their care and maintenance of this beautiful park, give them a 0.

## Appendix D: Decision Rules for Checking Non-response Bias

There are several methods for checking non-response bias. However, the most common way is to use some demographic indicators to compare between respondents and non-respondents (Dey 1997; Salant and Dillman 1994; Dillman and Carley-Baxter 2000; Dillman, 2007; Stoop 2004). In this study, we used five variable group type, group size, age of the group member (at least 16 years old) completing the survey, whether the park was the primary destination for the visit, and visitor's place of residence proximity to the park to check for non-response bias.

Chi-square tests detect the difference in the response rates among different group types, and length of visit. The hypothesis was that there is no significant difference across different categories (or groups) between respondents and non-respondents. If the p-value is greater than 0.05, the difference between respondents and non-respondents is judged to be insignificant.

Two independent-sample nonparametric median tests used to test the differences between respondent's and non-respondent's median age and group size. The p-values represent the significance levels of these tests. If the p-value is less than 0.05, the two groups are insignificantly different.

Therefore, the hypotheses for checking non-response bias are:

H1 and H2: Respondents and non-respondents are not significantly different in terms of median age and median group size

H3: Respondents from different group types are equally represented

H4: Respondents and non-respondents are not significantly different in terms of length of visit at the park

As shown in Tables 3 to 6, the p-values for respondent/non-respondent comparisons for age, group type, reason for visit, and distance from home to the park are less than 0.05, indicating significant differences between respondents and non-respondents. The results indicate some biases occurred due to non-response. Visitors at younger age ranges (especially 44 and younger) and day use visitors underrepresented in the survey results. The difference, however, was not significant in group size. Results of the study in this report only reflect the simple frequencies. Inferences of the survey results should be weighted to counterbalance the effects of nonresponse bias.





The SESRC database website (<http://psu.sesrc.wsu.edu/reports/>) allows data searches for comparisons of data from one or more parks.

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