

# Grand Canyon White Water Floater Survey

## [Choice Questions]

**PAPERWORK REDUCTION ACT STATEMENT** The National Park Service is authorized by 16 U.S.C. 1a-7 to collect this information. This information will be used by park managers to understand visitor experiences and attitudes about recent white water trips in the Grand Canyon. Response to this request is voluntary. No action may be taken against you for refusing to supply the information requested. Please do not put your name or that of any member of your group on the questionnaire. The permanent data associated with this collection will be anonymous.

**BURDEN ESTIMATE:** The public reporting burden for this form is estimated to average 20 minutes per response. Direct comments regarding the burden estimate or any other aspect of this form to: the NPS Information Collection Review Coordinator, National Park Service, 1201 Oakridge Dr., Fort Collins, CO 80525.

This questionnaire refers to the white water trip you took in the Grand Canyon that started on \_\_\_\_\_ Please refer to this trip when answering the questions in this survey. It is important that this survey be completed by the person to whom it was sent.

**In this first section, we are interested in finding out about your white water trip in the Grand Canyon and how much you enjoyed it.**

This question will be used to gather an initial overall self-rating of the quality of the float trip

1. Overall, how would you rate your white water trip? (CIRCLE ONE NUMBER)

- 1 VERY POOR
- 2 POOR
- 3 FAIR
- 4 GOOD
- 5 EXCELLENT

Questions 2-6 will help to identify specific key characteristics of the float trip and identify the number of previous Grand Canyon float trips the user has taken.

2. Where did you put-in (start trip)? (CIRCLE ONE NUMBER)

- 1 LEE'S FERRY
- 2 PHANTOM RANCH
- 3 WHITMORE WASH
- 4 DIAMOND CREEK
- 5 OTHER (specify)

3. Where did you take-out (end trip)? (CIRCLE ONE NUMBER)

- 1 PHANTOM RANCH
- 2 WHITMORE WASH
- 3 DIAMOND CREEK
- 4 LAKE MEAD
- 5 OTHER (specify)

4. How long was your trip? \_\_\_\_\_ DAYS

5. What type of boat were you on? (CIRCLE ONE NUMBER)

- 1 MOTOR POWERED RAFT
- 2 OAR POWERED RAFT
- 3 COMBINATION MOTOR/OAR RAFT
- 4 COMBINATION OAR/PADDLE
- 5 DORY
- 6 KAYAK
- 7 PADDLE RAFT
- 8 OTHER (specify) \_\_\_\_\_

6. Was your Grand Canyon white water trip: (CIRCLE ONE NUMBER)

1 RUN BY A COMMERCIAL OUTFITTER

2 PRIVATE TRIP--Were you primarily responsible for operating a boat on this trip?

1 YES

2 NO

Including this trip, how many times in your life have you taken a white water trip on the Colorado River below Lee's Ferry?

\_\_\_\_ TIMES

Question 7 will be used to identify the likelihood of the user taking future trips on the river.

7. If you had the opportunity, would you take a Grand Canyon whitewater trip again? (CIRCLE ONE NUMBER)

1 DEFINITELY NOT

2 PROBABLY NOT

3 UNSURE

4 PROBABLY YES

5 DEFINITELY YES

Questions 8 will be used to understand the perceived level of crowding the user experienced on their trip.

8. On average, how crowded did you feel the river was while you were floating? (Circle the number on the scale best representing your feelings.)

<b>Not at all Crowded</b>	<b>Somewhat Crowded</b>	<b>Moderately Crowded</b>	<b>Very Crowded</b>	<b>Extremely Crowded</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

Question 9 is intended to help managers understand the importance of specified trip features

9. River trips through the Grand Canyon have a number of features. People differ on what they feel is important for them personally. In this section, there are a number of features of a Grand Canyon river trip. Please indicate how important each feature was for you on your trip. (CIRCLE ONE NUMBER FOR EACH FEATURE)

Next, in the left column, check three boxes that you would use to describe the features of an ideal river trip.

<b>Select your top three features of an ideal river trip</b>	<b>Feature of Trip</b>	<b>Not at all Important</b>	<b>Somewhat Important</b>	<b>Very Important</b>	<b>Did not Experience</b>
<input type="checkbox"/>	Observing flora, fauna and geology	1	2	3	0
<input type="checkbox"/>	Being in a natural setting	1	2	3	0
<input type="checkbox"/>	Being on the Colorado River	1	2	3	0
<input type="checkbox"/>	Being with family/friends	1	2	3	0
<input type="checkbox"/>	Relaxing; getting away from it all	1	2	3	0
<input type="checkbox"/>	Camping on sandy beaches	1	2	3	0
<input type="checkbox"/>	Experiencing large rapids	1	2	3	0
<input type="checkbox"/>	Stopping at side canyons or creeks	1	2	3	0
<input type="checkbox"/>	Learning about the history of the Grand Canyon	1	2	3	0
<input type="checkbox"/>	Photographing the Grand Canyon	1	2	3	0
<input type="checkbox"/>	Seeing few other people while floating	1	2	3	0
<input type="checkbox"/>	Hiking the side canyons	1	2	3	0
<input type="checkbox"/>	Floating on quiet stretches of the river	1	2	3	0
<input type="checkbox"/>	Seeing wildlife	1	2	3	0
<input type="checkbox"/>	Interacting with my guide or trip leader	1	2	3	0
<input type="checkbox"/>	Visiting archeological sites	1	2	3	0
<input type="checkbox"/>	Having a sense of accomplishment of making it through the trip	1	2	3	0
<input type="checkbox"/>	Feeling safe	1	2	3	0
<input type="checkbox"/>	Confidence in my guide or trip leader	1	2	3	0
<input type="checkbox"/>	Enjoying good weather	1	2	3	0
<input type="checkbox"/>	Eating good food	1	2	3	0
<input type="checkbox"/>	Interacting with others on my trip	1	2	3	0
<input type="checkbox"/>	Seeing few other people at beaches or attraction sites	1	2	3	0
<input type="checkbox"/>	Fishing in the Grand Canyon	1	2	3	0
<input type="checkbox"/>	Being in the unique natural setting of Grand Canyon	1	2	3	0

Questions 10-12 will help identify the role of rapids in the users' trip.

**Rapids are an important part of the Grand Canyon trip for many people. In this next section, we would like to get your expectations and feelings about the rapids.**

10. What role did rapids play in your decision to take this trip? (CIRCLE ONE NUMBER)
- 1 RAPIDS WERE THE MOST IMPORTANT REASON FOR TAKING THE TRIP
  - 2 RAPIDS WERE ONE OF THE TWO OR THREE MOST IMPORTANT REASONS FOR TAKING THE TRIP
  - 3 RAPIDS WERE ONLY ONE OF MANY IMPORTANT REASONS FOR TAKING THE TRIP
  - 4 RAPIDS WERE NOT AN IMPORTANT REASON FOR TAKING THE TRIP
11. Did you have to walk around any rapids?
- 1 NO
  - 2 YES----Which rapids? \_\_\_\_\_
12. In general, which type of rapid did you enjoy most on this trip: (CIRCLE ONE NUMBER)
- 1 BIG RAPIDS
  - 2 MEDIUM RAPIDS
  - 3 SMALL RAPIDS
  - 4 LIKED ALL TYPES OF RAPIDS EQUALLY
  - 5 DON'T LIKE RAPIDS

Questions 13-20 - Understand the users' preferences and experiences of flow levels, flow fluctuations, and camping with other parties.

**Besides rapids, the water level on the river may also affect a person's trip. In this next section, we are interested in your feelings about the water level during your trip.**

13. If you had the choice, would you have preferred the overall water level to be: (CIRCLE ONE NUMBER)
- 1 LOWER
  - 2 ABOUT THE SAME
  - 3 HIGHER
  - 4 DON'T KNOW OR DOESN'T MATTER
14. Did you notice whether the water level changed during your trip?
- 1 NO
  - 2 YES---->How often did you notice it changing?
    - 1 EVERY DAY
    - 2 ALMOST EVERY DAY
    - 3 ONLY ON A FEW DAYS

15. Do you think that daily fluctuations in the water level would make you feel more or less like you were in a natural setting? (CIRCLE ONE NUMBER)
- 1 MUCH MORE LIKE A NATURAL SETTING
  - 2 SOMEWHAT MORE LIKE A NATURAL SETTING
  - 3 NATURAL SETTING REGARDLESS OF FLUCTUATIONS
  - 4 SOMEWHAT LESS LIKE A NATURAL SETTING
  - 5 MUCH LESS LIKE A NATURAL SETTING
  - 6 DON'T KNOW
16. If you had a choice, would you have preferred a trip with daily fluctuations in the water level or one with a constant water level? (CIRCLE ONE NUMBER)
- 1 I WOULD PREFER A TRIP WITH DAILY FLUCTUATIONS
  - 2 I WOULD PREFER A TRIP WITH CONSTANT WATER LEVELS
  - 3 IT WOULD MAKE NO DIFFERENCE TO ME
17. On your trip, did you feel you had enough time to hike the side canyons and see other attractions? (CIRCLE ONE NUMBER)
- 1 YES, THERE WAS ENOUGH TIME FOR HIKING
  - 2 NO, THERE WAS NOT ENOUGH TIME FOR HIKING
  - 3 THERE WAS TOO MUCH TIME FOR HIKING
18. Did you ever have to share the beach where you were camping with other groups during your trip? (CIRCLE ONE NUMBER)
- 1 NO
  - 2 YES----How many nights did this happen? (CIRCLE ONE NUMBER)
    - 1 ONE NIGHT
    - 2 TWO NIGHTS
    - 3 THREE NIGHTS
    - 4 FOUR OR MORE NIGHTS
19. Could you see the camps of other groups from any of your campsites during your last trip? (CIRCLE ONE NUMBER)
- 1 NO
  - 2 YES----Were these groups sharing the beach with your group or did they have a separate beach? (CIRCLE ONE)
    - 1 WE SHARED THE BEACH
    - 2 THEY WERE ON A SEPARATE BEACH
20. If you had a choice, would you prefer a campsite: (CIRCLE ONE)
- 1 ON THE SAME BEACH AS ANOTHER PARTY
  - 2 WHERE YOU MIGHT BE ABLE TO SEE OR HEAR ANOTHER PARTY
  - 3 OUT OF SIGHT AND HEARING OF OTHERS

21-25 Understand how users traveled to their river trip, and the role the river trip played in their decision to visit the Grand Canyon area.

**In this next section we would like to find out how you traveled to the Grand Canyon and what types of items you purchased for your white water trip. This information will help us to compare your responses with those of other people.**

21. How would you best describe your reason(s) for taking this trip to the Grand Canyon area? (CIRCLE ONE NUMBER)

- 1 THE WHITE WATER BOAT TRIP WAS THE ONLY REASON FOR MAKING THE TRIP
- 2 THE WHITE WATER BOAT TRIP WAS THE MOST IMPORTANT REASON FOR MAKING THE TRIP
- 3 THE WHITE WATER BOAT TRIP WAS ONE OF SEVERAL EQUALLY IMPORTANT REASONS FOR TAKING THE TRIP
- 4 THE WHITE WATER BOAT TRIP WAS NOT AN IMPORTANT REASON FOR MAKING THE TRIP

22. Was any part of your trip to the Grand Canyon by airplane? (CIRCLE ONE NUMBER)

- 1 YES----How much time did it take to fly one-way?  
TOTAL HOURS OF FLYING \_\_\_\_\_
- 2 NO

23. Did you drive at least part of the way to the Grand Canyon for your white water trip?

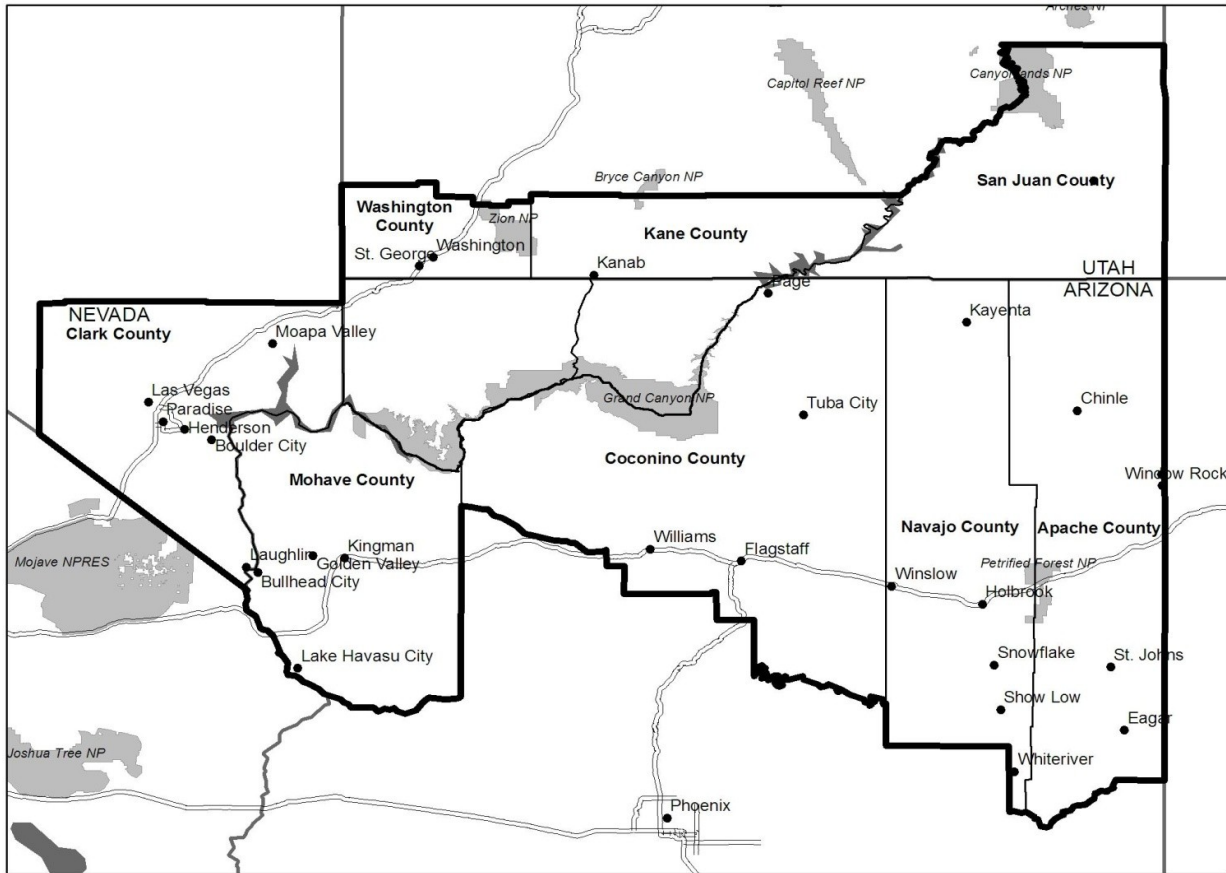
- 1 YES---->How much time did you spend driving one-way?  
TOTAL HOURS OF DRIVING \_\_\_\_\_
- 2 NO----->Skip to question 26

24. What type of vehicle did you use to get to the Grand Canyon? (CIRCLE ONE NUMBER)

- 1 PERSONAL VEHICLE
- 2 RENTAL VEHICLE
- 3 OTHER, (please specify) \_\_\_\_\_

25. How many people travelled with you (in the same vehicle) to the Grand Canyon?

MYSELF AND \_\_\_\_\_ OTHER PEOPLE



Questions 26 and 27 establish the level of spending by floaters on the trip and identify the location of that spending

26. Where did you stay on your most recent trip to the Grand Canyon area? The map above shows the location of the cities listed. **Please check all that apply and indicate the number of nights spent in each place or indicate "other" if the place is outside the area or not listed on the map.**

- Kanab, UT → number of nights \_\_\_\_\_
- St. George, UT → number of nights \_\_\_\_\_
- Page, AZ → number of nights \_\_\_\_\_
- Grand Canyon Village, AZ → number of nights \_\_\_\_\_
- Flagstaff, AZ → number of nights \_\_\_\_\_
- Kingman, AZ → number of nights \_\_\_\_\_
- Boulder City, NV → number of nights \_\_\_\_\_
- Henderson, NV → number of nights \_\_\_\_\_
- Las Vegas, NV → number of nights \_\_\_\_\_
- Other \_\_\_\_\_ → number of nights \_\_\_\_\_
- Other \_\_\_\_\_ → number of nights \_\_\_\_\_
- Other \_\_\_\_\_ → number of nights \_\_\_\_\_



27. Please estimate how much your trip cost (COSTS FOR YOU INDIVIDUALLY, NOT OTHERS FOR WHOM YOU MIGHT HAVE PAID). Include only money spent on items specifically for this trip. If a certain item was not purchased for this trip, please put \$0. In the first column please write the total amount you spent on the trip, and in the second column put only the amount you spent in the local area Grand Canyon NP (see map for the towns included in this area).

	Total Spent	Spent in Area
Payment to rafting Company (if you took a commercial trip)	\$ _____	\$ _____
Airfare	\$ _____	\$ _____
Car rental	\$ _____	\$ _____
Gas and oil for vehicle	\$ _____	\$ _____
Food and beverages (from Grocery stores)	\$ _____	\$ _____
Restaurant meals	\$ _____	\$ _____
Lodging (motels and hotels (before and after white water trip)	\$ _____	\$ _____
Camping fees	\$ _____	\$ _____
Personal gear (suntan lotion, sunglasses, film for camera)	\$ _____	\$ _____
Boat gear purchased for this trip (oars, lines, etc.)	\$ _____	\$ _____
Take out at Diamond Creek	\$ _____	\$ _____
Vehicle shuttle	\$ _____	\$ _____
Tow across Lake Mead	\$ _____	\$ _____
Native American arts and crafts purchased from roadside vendors	\$ _____	\$ _____
Other (please specify) _____	\$ _____	\$ _____
<b>TOTAL AMOUNT TRIP COST (Please add all payments)</b>	<b>\$ _____</b>	<b>\$ _____</b>

Question 28 will be used to estimate the net economic value of the users' trip on this stretch of the Colorado River.

**Note:** The dollar amount (\$XXX) below will be replaced with the different bid amounts of which each respondent will randomly be given one amount (\$25, \$50, \$75, \$100, \$125, \$150, \$175, \$200, \$225, \$250, ..., \$2,500).

28. Would you still have gone on the Grand Canyon white water trip if your costs had been \$ \_XXX\_ **more than** the total you just calculated in Question 27? Remember, if your trip cost you more than you actually spent, you would have less money to spend on other things. (CIRCLE ONE NUMBER)

- 1 YES, I WOULD PAY THIS AMOUNT TO TAKE THE TRIP
- 2 NO, I WOULD NOT PAY THIS AMOUNT TO TAKE THE TRIP

**PLEASE READ CAREFULLY**

Many factors influence the quality of Grand Canyon white water trips. For example, in a recent survey white water boaters told us that things like good weather, good social interaction, good guides and trip leaders, the number of layovers at attraction sites, running rapids, good food, and many other things would contribute to an excellent or perfect trip. The present survey, however, is focusing specifically on those aspects of the trip that are affected by water flows in the Colorado River.

Water flows in a river like the Colorado are often measured in cubic feet per second (cfs) passing a given point. For our study, water flows are being described in terms of four categories: low flows (5,000 cfs), moderate flows (13,000 cfs), moderately high flows (22,000 cfs), and high flows (40,000 cfs) as measured by releases at Glen Canyon Dam, the last dam above the Grand Canyon. These flow levels are only a few of the many alternative flows that are possible given legal restrictions on releases from Glen Canyon Dam and they are being used here to find out about your preference for various Colorado River flows through the Grand Canyon.

The amount of water being released from Glen Canyon Dam can also vary from time to time within any one day. These daily fluctuations, when they occur, typically follow a regular pattern. Flow releases from the Dam increase during the morning, and decrease in the late afternoon, and evening. The actual timing of when these fluctuations impact boaters depends on where the floaters are within the canyon.

In the case descriptions that follow, we will describe the effects of each of these types of flow patterns. For each type of flow we would like you to tell us how it would affect the quality of a Grand Canyon white water trip for you.

Your white water trip in the Grand Canyon started on \_\_\_\_\_  
Records show that during your trip the average water level was about \_\_\_\_\_ cfs, with flows daily ranging from \_\_\_\_\_ cfs to \_\_\_\_\_ cfs, which is a daily fluctuation of \_\_\_\_\_ cfs.

Now, we would like to ask you to think about different conditions you might experience on a Grand Canyon Float Trip. For the following questions we would like you to consider how river flows, fluctuations, sandbars and trip cost affect your view of a Grand Canyon float trip. Here we highlight several specific levels for each of these attributes.

**River Flow Levels depend on the amount of water available for release from Lake Powell, which will vary from year to year.**

**5,000 cubic feet per second (cfs)** -- At a constant flow of 5,000 cfs, the speed of the river is relatively slow, reducing time for side canyon visits and other attractions. Boaters must break camp early to stay on schedule. Although rapids are present at this low water level, the waves are smaller and do not produce the big "roller coaster" ride created by higher flows. Due to exposed rocks, some rapids may be so difficult that it is likely passengers would have to walk around them. However, camping opportunities are abundant with many large sandy beaches exposed.

**13,000 cfs** -- At moderate water levels (around 13,000 cfs), the pace of the river is slightly faster than at low flows, leaving a little more time for hiking in side canyons and stops at attractions. Most boating groups will not have a problem staying on schedule. Rapids tend to have larger waves and provide a little more of a "roller coaster" ride than at low water. Passengers may have to walk around only a few rapids. Campsites are still large and plentiful.

**22,000 cfs** -- At moderately high water levels (around 22,000 cfs), the pace of the river is faster than at lower flows, leaving more time for side canyons and stops at attractions. Boating groups do not have a problem staying on schedule. Rapids have larger waves and provide a bigger "roller coaster" ride than at moderate water. Only a few passengers choose to walk around some of the bigger rapids for their safety. Some potential campsites are under water in some areas of the canyon, but generally campsites are plentiful although a bit smaller in size.

**40,000 cfs** -- At high water levels (around 40,000 cfs), the current is fast. Trips are able to stop at additional side canyons and spend additional time at attraction sites. Fewer rapids are present, as some of the smaller rapids are "washed out." In other rapids, however, the waves are very large and some passengers, especially those on oar powered trips, face an increased likelihood of having to walk around one or more of the major rapids for their safety. Campsites become scarcer as sandbars and shore areas are flooded, and campsites are much smaller. In some areas of the Canyon, there is an increased chance of camping with or near other groups.

**Fluctuations in River Flow are managed by releases from Glen Canyon Dam and generally are either steady or change by as much as 5,000 to 8,000 cfs over the course of each day.**

**Steady Flow Levels**—Flow levels remain steady throughout your trip with no daily fluctuations.

**5,000 to 8,000 cfs daily fluctuation(changes) in flows**—For purposes of hydroelectric generation, flows increase or decrease as much as 5000 to 8,000 cfs during a 24 hour period. Generally, flows decrease at night and increase again during the day. Flow changes make it necessary for boatmen to choose moorings carefully at night. Some mornings, gear might need to be carried considerable distances across sand or rocks due to falling river levels during the night.

**Sandbars on the River** There are indications that certain types of flow patterns in the long run may reduce the number and size of sandy beaches in the Grand Canyon or experimental flood releases could potentially increase the size and number of sandy beaches.

**No difference from the conditions on your trip**—the number and size of sandbars that you actually experienced on your trip through the Grand Canyon.

**Substantially Reduced Sandbars**—At present, the area between Hance Rapids and Havasu has fewer beaches than other parts of the canyon. Trip leaders must plan schedules very closely to ensure a good campsite in this area. As beaches disappear, this careful planning would have to be extended to other parts of the canyon. This planning might mean missing some attraction sites to get to camp earlier, or prevent longer stops at some attraction sites. Fewer beaches would increase the likelihood of camping near other parties and perhaps sharing a beach with other parties. Some camps might have to be made in areas without sand.

### **Trip Cost**

Please think about how much you personally spent on your Grand Canyon float trip and consider how your decision to make the trip would have been affected if you costs had been higher by the amount shown in the question.

Questions 29-34 will be used to inform the way anticipated trip value varies with changing river flow and ecosystem attribute levels. Alternative flow and ecosystem attribute levels are shown on the preceding pages. A cost attribute (\$100, \$250, \$500, or \$1,200) will also be included. A total of 64 unique attribute level combinations are possible. An efficient choice question design from these possible combinations will be chosen. The attribute levels in the following questions are provided to show one example of the presentation of the questions using one possible attribute level combination.

The next 6 questions offer hypothetical choices (these are examples that are used for the purpose of this study and are not the actual management choices to be considered) between Grand Canyon float trips that differ from one another in terms of river flow, river fluctuations, sandbars, and trip cost. There are no right or wrong answers. We are interested in the conditions on a trip that appeal to you.

We know that these are not the only choices of conditions for Grand Canyon float trips, however, as you answer each question please assume that the two trips describe your only two choices, in addition to the option of not taking a Grand Canyon float trip.

29. Please check ONE box at the bottom of the table to indicate whether you prefer Trip A, Trip B, or Not Visit. Note that for some trip characteristics, conditions may be the same for Trip A and Trip B.

Trip Characteristic		Trip A	Trip B	Not Visit
		Trip A is the same as your recent trip (weather, social interactions, etc.). Assume Trip A is the same as your recent trip except for the following;		Trip B is the same as your recent trip (weather, social interactions, etc.). Assume Trip B is the same as your recent trip except for the following;
Conditions during trip	Average River Flow Level	5,000 cfs	22,000 cfs	<b>I would not choose to take a Grand Canyon float trip if these were my only choices</b>
	Sandy beaches	The same number of sandy beaches I experienced	Number and size of sandy beaches substantially reduced	
	River flow fluctuation	Steady Flows	Daily fluctuations of 6,000 to 8,000 cfs	
	Your individual trip costs <b>increased by</b>	\$500	\$750	
I would choose (check one only)		<b>Trip A</b> <input type="checkbox"/>	<b>Trip B</b> <input type="checkbox"/>	<b>Not Visit</b> <input type="checkbox"/>

30. Please check ONE box at the bottom of the table to indicate whether you prefer Trip A, Trip B, or Not Visit. Note that for some trip characteristics, conditions may be the same for Trip A and Trip B.

Trip Characteristic		Trip A	Trip B	Not Visit
		Trip A is the same as your recent trip (weather, social interactions, etc.). Assume Trip A is the same as your recent trip except for the following;		Trip B is the same as your recent trip (weather, social interactions, etc.). Assume Trip B is the same as your recent trip except for the following;
Conditions during trip	Average River Flow Level	13,000 cfs	40,000 cfs	I would not choose to take a Grand Canyon float trip if these were my only choices
	Sandy beaches	The same number of sandy beaches I experienced	The same number of sandy beaches I experienced	
	River flow fluctuation	Steady Flows	Daily fluctuations of 6,000 to 8,000 cfs	
	Your individual trip costs <u>increased by</u>	\$100	\$1200	
I would choose (check one only)		Trip A <input type="checkbox"/>	Trip B <input type="checkbox"/>	Not Visit <input type="checkbox"/>

31. Please check ONE box at the bottom of the table to indicate whether you prefer Trip A, Trip B, or Not Visit. Note that for some trip characteristics, conditions may be the same for Trip A and Trip B.

Trip Characteristic		Trip A	Trip B	Not Visit
		Trip A is the same as your recent trip (weather, social interactions, etc.). Assume Trip A is the same as your recent trip except for the following;		Trip B is the same as your recent trip (weather, social interactions, etc.). Assume Trip B is the same as your recent trip except for the following;
Conditions during trip	Average River Flow Level	5,000 cfs	13,000 cfs	I would not choose to take a Grand Canyon float trip if these were my only choices
	Sandy beaches	The same number of sandy beaches I experienced	Number and size of sandy beaches substantially reduced	
	River flow fluctuation	Daily fluctuations of 6,000 to 8,000 cfs	Daily fluctuations of 6,000 to 8,000 cfs	
	Your individual trip costs <u>increased by</u>	\$750	\$500	
I would choose (check one only)		Trip A <input type="checkbox"/>	Trip B <input type="checkbox"/>	Not Visit <input type="checkbox"/>

32. Please check ONE box at the bottom of the table to indicate whether you prefer Trip A, Trip B, or Not Visit. Note that for some trip characteristics, conditions may be the same for Trip A and Trip B.

Trip Characteristic		Trip A	Trip B	Not Visit
		Trip A is the same as your recent trip (weather, social interactions, etc.). Assume Trip A is the same as your recent trip except for the following;		Trip B is the same as your recent trip (weather, social interactions, etc.). Assume Trip B is the same as your recent trip except for the following;
Conditions during trip	Average River Flow Level	5,000 cfs	5,000 cfs	I would not choose to take a Grand Canyon float trip if these were my only choices
	Sandy beaches	The same number of sandy beaches I experienced	Number and size of sandy beaches substantially reduced	
	River flow fluctuation	Steady Flows	Daily fluctuations of 6,000 to 8,000 cfs	
	Your individual trip costs <b>increased by</b>	\$750	\$500	
I would choose (check one only)		Trip A <input type="checkbox"/>	Trip B <input type="checkbox"/>	Not Visit <input type="checkbox"/>

33. Please check ONE box at the bottom of the table to indicate whether you prefer Trip A, Trip B, or Not Visit. Note that for some trip characteristics, conditions may be the same for Trip A and Trip B.

Trip Characteristic		Trip A	Trip B	Not Visit
		Trip A is the same as your recent trip (weather, social interactions, etc.). Assume Trip A is the same as your recent trip except for the following;		Trip B is the same as your recent trip (weather, social interactions, etc.). Assume Trip B is the same as your recent trip except for the following;
Conditions during trip	Average River Flow Level	13,000 cfs	40,000 cfs	I would not choose to take a Grand Canyon float trip if these were my only choices
	Sandy beaches	The same number of sandy beaches I experienced	Number and size of sandy beaches substantially reduced	
	River flow fluctuation	Steady Flows	Daily fluctuations of 6,000 to 8,000 cfs	
	Your individual trip costs <b>increased by</b>	\$750	\$1200	
I would choose (check one only)		Trip A <input type="checkbox"/>	Trip B <input type="checkbox"/>	Not Visit <input type="checkbox"/>

34. Please check ONE box at the bottom of the table to indicate whether you prefer Trip A, Trip B, or Not Visit. Note that for some trip characteristics, conditions may be the same for Trip A and Trip B.

Trip Characteristic		Trip A	Trip B	Not Visit
		Trip A is the same as your recent trip (weather, social interactions, etc.). Assume Trip A is the same as your recent trip except for the following;		Trip B is the same as your recent trip (weather, social interactions, etc.). Assume Trip B is the same as your recent trip except for the following;
Conditions during trip	Average River Flow Level	13,000 cfs	13,000 cfs	I would not choose to take a Grand Canyon float trip if these were my only choices
	Sandy beaches	The same number of sandy beaches I experienced	Number and size of sandy beaches substantially reduced	
	River flow fluctuation	Steady Flows	Steady Flows	
	Your individual trip costs <b>increased by</b>	\$250	\$250	
I would choose (check one only)		Trip A <input type="checkbox"/>	Trip B <input type="checkbox"/>	Not Visit <input type="checkbox"/>

In this final section, we would like to ask some questions about your background and occupation which will help us compare your answers with those of other people.

Questions 35-41 – will be used to determine baseline demographics about floaters.

35. How old are you? \_\_\_\_\_ years old

36. Are you:  
 1 MALE  
 2 FEMALE

37. Which of the following indicates your level of education? (SELECT ONE)

_____ 8th grade or less	_____ College graduate
_____ 9th to 11th grade	_____ Some graduate work
_____ 12th grade (high school graduate)	_____ Masters, Doctoral, or Professional Degree
_____ Some college	

38. Which of the following best describes your employment status? (SELECT ONE)

_____ Employed, full time	_____ Homemaker
_____ Employed, part time	_____ Unemployed
_____ Retired, but working full time	_____ Student
_____ Retired, but working part time	_____ Other (Please specify _____)
_____ Retired, but not working	



39. Are you Hispanic or Latino? (SELECT ONE)

Yes

No

40. Please tell us which of the following best indicates your race. (SELECT ONE OR MORE)

American Indian or Alaskan Native

Asian

Black or African-American

Native Hawaiian or other Pacific Islander

White

41. Which of the following best describes your household income before taxes? (SELECT ONE)

Less than \$20,000

\$70,000 - \$79,999

\$20,000 - \$29,999

\$80,000 - \$89,999

\$30,000 - \$39,999

\$90,000 - \$99,999

\$40,000 - \$49,999

\$100,000 - \$149,999

\$50,000 - \$59,999

\$150,000 - \$199,999

\$60,000 - \$69,999

\$200,000 or more

42. Is there anything else you and your group would like to tell us about your visit to The Grand Canyon?  
Attach additional pages if needed.

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**Thanks again for your help. Please place your completed questionnaire in the envelope provided and drop it in any mailbox.**