Instrument B – Transportation Effects on Soundscape Experience – MORA

2011

National Park Service

MOUNT RAINIER NATIONAL PARK VISITOR SURVEY

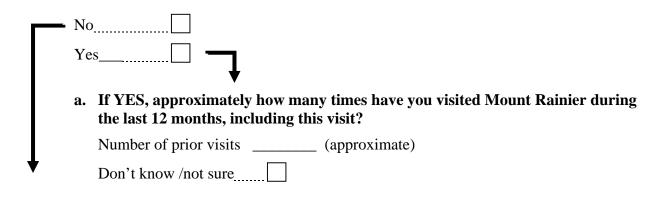
Thank you for agreeing to participate! This questionnaire should take about 15 minutes to complete. Your participation in the survey is completely anonymous and voluntary, but since only a select number of people are being asked to participate, your cooperation is extremely important. The National Park Service will use your responses to better serve the visitors to Mount Rainier National Park.

Introduction

Welcome to the National Park Service visitor's experience questionnaire. Your answers will inform National Park managers about visitors' experiences at many different types of natural, cultural and historical sites in the United States. This questionnaire asks about your experiences during this visit to Mount Rainier National Park

Please wait to begin until the interviewer provides instructions on the first page.

1. Have you visited Mount Rainier National Park before today? [Topic Area 1. VISITHIS1]



2. During this visit to Mount Rainier, did you go to any of the following locations? If you did not go to a site, please indicate this. [Topic Area 3. VARIATION ITIN3]

REVISION NOTE: This question must be individually formatted for each site. Identifying locations within the site may require maps, photos or other aids in addition to names.	Went to ▼	Did not go to or Not sure ▼
a. Paradise		
b. Longmire		
c. Sunrise		
d. White River		
e. Ohanapecosh		
f. Carbon River		
g. Mowich Lake		
h. Other location [Please describe.]		

3. On this visit, what activities have you and your group participated in while at Mount Rainier? Please check all that apply. [Topic Area 3. ACT22]

		Take	Did not
		part	take part
		▼	
a. V	iewing the scenery		
b. V	iewing a sunrise or sunset		
c. Pi	icnicking or having a meal		
d. W	/atching birds		
e. V	iewing wildlife (other than birds)		
f. H	iking or walking		
	amping		
h. Ei	ntering a visitor center, lodge, store or other building		
i. A	ttending a ranger-led talk, walk, or campfire program		
-	ttending some other demonstration, talk or other organized activity r performance [Please describe.]		
k. O	ther activity [What activity?]		

4. How important are the following experiences to you on this visit to Mount Rainier National Park? Mark one response for each experience. [Topic Area 4. PREF1]

[Topic Area 6. Individual Perceptions of their Park Experiences]

	Not important		Moderately important	v	Extremely important
Experience:	▼	▼	▼	▼	▼
a. View the natural scenery	· 🗌				
b. Enjoy the natural quiet and sounds of nature					
c. Appreciate the history and cultural significance of the site					
d. Experience a sense of adventure or challenge					

5. During this visit to Mount Rainier how much did you... [Topic Area 6. Individual Perceptions of their Park Experiences]

	Not relevant V	Not at all ▼	Somewhat	Moderate amount ▼	Very much ▼	Extreme amount
a. Appreciate the natural scenery						
b. Enjoy the natural quiet and sounds of nature						
c. Appreciate the history and cultural significance of the site						
d. Experience a feeling of calmness, peace or tranquility						
e. Experience a sense of adventure or challenge						

For the next question, please

Step 1: Please mark (v) each sound that you heard during your visit to the site today (NOTE: "Comet Falls" or "Clover Lake" will be specified in site-specific printings of the questionnaire).

Step 2: Under the **ACCEPTABILITY OF SOUNDS** column, please circle one number which best describes how unacceptable or acceptable the sound was for this location in the park: The scale is on a continuum from: - 4 as very unacceptable, - 2 as slightly unacceptable, 0 as neutral, +2 as slightly acceptable, and + 4 as very acceptable.

Step 3: Under the **PERSONAL INTERPRETATION** column, please circle one number which best describes how pleasing or annoying the sound was to you: The scale is on a continuum from: -4 as very annoying, - 2 as slightly annoying, 0 as neutral, +2 as slightly pleasing, and + 4 as very pleasing.

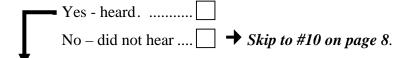
Step 4: Under the **EFFECT OF SOUNDS** column, please circle one number which best describes the effect this sound had on your experience: The scale is on a continuum from: -4 as detracted greatly, - 2 as detracted somewhat, 0 as neutral, +2 as added somewhat, and + 4 as added greatly.

6. Answer Question A, B, and C about each of the sounds you heard during this visit to Mount Rainier. [Topic Area 4. VARIATION SOUND9]

			A. How acceptable or unacceptable was his sound?									low i oy yo		did	this s	sound	l ple	ase o				ch did (etract					o or	
			Acceptability of Sounds								Personal Interpretation of Sounds							Effect of Sounds on Your Experience										
		U	nacc	eptal	ole		/	Accej	otabl	e		An	noy-	-			Ple	ease		Negatively detract					Positively add -			
	Heard the sound	▲ Extremely	 Very 	▲ Moderately	▲ Slightly	 Neutral 	▲ Slightly	▲ Moderately	▲ Very	▲ Extremely	▲ Extremely	▲ Very	▲ Moderatelv		▲ Neutral	▲ Slightly	▲ Moderatelv	▲ Very	▲ Extremely	▲ Extremely	▲ Very	 Moderately 	▲ Slightly	▲ Neutral	▲ Slightly	 ▲ Moderately 	▲ Very	▲ Extremely
SOUNDS a. Insect sounds																			\square									
b. Sounds of other small animal																												
c. Sounds of large animals																												
d. Bird song																												
e. Bird chatter																												
f. Frog sounds																												
g. Animal sounds (unknown)																												
h. Waterfalls, running water, or waves																												

i. Rain or thunder															
j. Wind															
k. Wind through trees															
 Group of people talking 															
m. People shouting or speaking loudly															
n. Walking sounds															
o. Someone's radio or TV															
p. Someone's iPod or other audio device															
q. Someone's cell phone															
r. Motorcycles in a parking lot															
s. Motorcycles on a road or highway															
t. Cars or trucks in a parking lot															
u. Cars or trucks on a road or highway															
v. Airplanes (propeller)															
w.Jets															
x. Helicopters															
y. Motorboats or other motorized watercraft															
z. Engine (unknown)															
aa. Park trail work								$ \Box $							
bb. Park maintenance activities (besides trail work)															

7. Did you hear propeller-driven airplanes, jets, helicopters, or any other aircraft during this visit to Mount Rainier? [Topic Area 6. Individual Perceptions of their Park Experiences]



8. During this visit to Mount Rainier, how much did sounds from airplanes, jets, helicopters or other aircraft annoy you? [Topic Area 6. Individual Perceptions of their Park Experiences]

Not at all	
Slightly	
Moderately	
Very	
Extremely	

9. On this visit to Mount Rainier, how did the sounds of aircraft affect your ability to experience each of the following? Mark only one response for each item. [Topic Area 4-SOUND3]

		Did not experience ▼	Detracted from ▼	No effect ▼	Added to ▼
a.	Enjoyment of the site (NOTE: "Comet Falls" or "Clover Lake" will be specified in site-specific printings of the questionnaire)				
b.	Appreciation of the natural quiet and sounds of nature at the site (NOTE: "Comet Falls" or "Clover Lake" will be specified in site-specific printings of the questionnaire)				
c.	Appreciation of the historical and cultural significance of the site (NOTE: "Comet Falls" or "Clover Lake" will be specified in site-specific printings of the questionnaire)				

Please explain any "detracted from" responses to this question.

- **10.** Did you hear cars, buses, trucks, or other motor vehicles during this visit to Mount Rainier? [Topic Area 6 Individual Perceptions of their Park Experiences]
- 11. During this visit to Mount Rainier, how much did sounds from cars, buses, trucks, or other motor vehicles annoy you? [Topic Area 6 Individual Perceptions of their Park Experiences]

Not at all	
Slightly[
Moderately	
Very	
Extremely	

12. On this visit to Mount Rainier, how did the sounds from vehicles affect your ability to experience each of following? Mark only one response for each item. [Topic Area 4 - SOUND3]

		Did not experience ▼	Detracted from ▼	No effect ▼	Added to ▼
d.	Enjoyment of the site (NOTE: "Comet Falls" or "Clover Lake" will be specified in site-specific printings of the questionnaire)				
e.	Appreciation of the natural quiet and sounds of nature at the site (NOTE: "Comet Falls" or "Clover Lake" will be specified in site-specific printings of the questionnaire)				
f.	Appreciation of the historical and cultural significance of the site (NOTE: "Comet Falls" or "Clover Lake" will be specified in site-specific printings of the questionnaire)				

Please explain any "detracted from" responses to this question.

13. Did you hear sounds other visitors made during this visit to Mount Rainier? [Topic Area 6 – Individual Perceptions of their Park Experiences]

Yes - heard.
 No - did not hear → Skip to #16 on page 10.

14. During this visit to Mount Rainier, how much did sounds other visitors made annoy you? [Topic Area 6 – Individual Perceptions of their Park Experiences]

Not at all	
Slightly[
Moderately	
Very[
Extremely	

15. On this visit to Mount Rainier, how did the sounds of other visitors affect your ability to experience each of following? Mark only one response for each item. [Topic Area 4 -SOUND3]

		Did not experience ▼	Detracted from ▼	No effect ▼	Added to ▼
g.	Enjoyment of the site (NOTE: "Comet Falls" or "Clover Lake" will be specified in site-specific printings of the questionnaire)				
h.	Appreciation of the natural quiet and sounds of nature at the site (NOTE: "Comet Falls" or "Clover Lake" will be specified in site-specific printings of the questionnaire)				
i.	Appreciation of the historical and cultural significance of the site (NOTE: "Comet Falls" or "Clover Lake" will be specified in site- specific printings of the questionnaire)				

Please explain any "detracted from" responses to this question.

Background Information

16. How many adults and children are in your personal group (spouse, family, friends) on this visit to Mount Rainier? [Topic Area 1 - VARIATION GRP3]

Adults	(age 16 or over)	Number
Children	n (age 15 or under)	Number

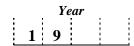
17. On this visit, are you and your personal group with the following types of groups? [Topic Area 1 -GRP6]

Guided tour group	Yes	No	
School/educational group	Yes	No	
Other organized group	Yes	No	

18. What is your gender? [Topic Area 1 -GEND2]

Male	
Female	

19. In what year were you born? [Topic Area 1 - AGE1]



20. Where do you live? [Topic Area 1- VARIATION RES1]

Another country □ → What country do you live in? →

21. What is the highest level of formal education you have completed? [Topic Area 1 -VARIATION ED1]

Some high school	
High school diploma or GED]
Some college, business or trade school]
College, business or trade school graduate]
Some graduate school]
Graduate degree]

22. Are you Hispanic or Latino? [Topic Area 1 - RACE/ETH2]

Yes	
No	

23. What is your race? (Check one or more.) [Topic Area 1 - RACE/ETH3]

American Indian or Alaska Native	
Asian	
Black or African American	
Native Hawaiian or other Pacific Islander	
White	

Please give your questionnaire to the interviewer.

Thank you for completing the survey!

PRIVACY ACT and PAPERWORK REDUCTION ACT statement: 16 U.S.C. 1a-7 authorizes collection of this information. This information will be used by park managers to better serve the public. Response to this request is voluntary. No action may be taken against you for refusing to supply the information requested. The permanent data will be anonymous. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. BURDEN ESTIMATE statement: Public reporting burden for this form is estimated to average 15 minutes per response. Direct comments regarding the burden estimate or any other aspect of this form to: Barbara Samora, Natural Resource Manager, Mount Rainier National Park, 55210 238th Avenue East, Ashford, WA 98304, Barbara_Samora@nps.gov.