OMB Control: 1024-0224
Expiration: XX-XX-XXXX

(Commercial Aircraft Survey)

Yosemite National Park Visitor Survey

2010

ID: _____ **Location: _____**

Date: _____ **Time: _____AM / PM**

A. Trip Description

1. How many people are in your personal group (family/friends) today, including yourself? [1. GR3]

Number of people: _____

2. Have you visited Tuolumne Meadows before today? (Check one.) [1. VISITHIS1]

☐ Yes (CONTINUE TO QUESTION 3)
☐ No (SKIP TO QUESTION 4)

3. Approximately how many times have you visited Tuolumne Meadows before today? (Record a number or check the box.)

Approximate number of visits: _____ **OR** ☐ Don't know/Not sure

4. Please rate the importance of each of the following reasons for your visit to Tuolumne Meadows today. (Check one box for each item.) [4. PREF1]

	Not at all important	Slightly important	Moderately important	Very important	Extremely important
Being in Tuolumne Meadows.	☐	☐	☐	☐	☐
Enjoying peace and quiet.	☐	☐	☐	☐	☐
Being with family/friends.	☐	☐	☐	☐	☐
Getting away from crowds in the Yosemite Valley area.	☐	☐	☐	☐	☐
Getting exercise.	☐	☐	☐	☐	☐
Experiencing nature "up-close", away from park facilities.	☐	☐	☐	☐	☐
Appreciating the natural scenery.	☐	☐	☐	☐	☐
Hearing the sounds of nature.	☐	☐	☐	☐	☐
Seeing/ photographing Yosemite Valley.	☐	☐	☐	☐	☐
Experiencing a sense of remoteness.	☐	☐	☐	☐	☐
Enjoying peace and quiet.	☐	☐	☐	☐	☐
Experiencing solitude.	☐	☐	☐	☐	☐
Viewing the night-sky without glow from artificial lights.	☐	☐	☐	☐	☐
Learning about Native American culture and history.	☐	☐	☐	☐	☐

5. Please indicate how your experience of each of the following items during your visit compared with your expectations. (Check one box for each item.) [5. CROWDATT12]

	How did it compare with your expectations?					
	I had no expectations	**A lot less than expected**	**Less than expected**	**About as expected**	**More than expected**	**A lot more than expected**
Number of people you saw while hiking.	☐	☐	☐	☐	☐	☐
Opportunity to experience sounds of nature.	☐	☐	☐	☐	☐	☐
Opportunity to view wildlife.	☐	☐	☐	☐	☐	☐
Opportunity to get away from developed areas of the park	☐	☐	☐	☐	☐	☐
Opportunity to escape crowded areas of the park	☐	☐	☐	☐	☐	☐
Amount of time you heard aircraft.	☐	☐	☐	☐	☐	☐

FOR THE NEXT SET OF QUESTIONS, PLEASE ASK THE SURVEY ATTENDANT FOR ASSISTANCE.

B. The Park Soundscape

6. Commercial aircraft flying to and from major cities in California are allowed to fly over Yosemite National Park. Consequently, visitors hiking in this area of the park can sometimes hear high-altitude commercial jets flying overhead. We would like to know how acceptable you think it is to hear sounds from commercial aircraft while hiking in this area of the park. To help judge this, we would like you to listen to several short recordings of sounds in Yosemite National Park. Please rate each recording by indicating how acceptable you would find the sounds heard in the audio clip while hiking in this area of the park. (Circle one number for each recording.) [5. VERP7]

Recording 1

Very Unacceptable								Very Acceptable
-4	-3	-2	-1	0	+1	+2	+3	+4

PRESS PLAY AND RESUME YOUR LISTENING SESSION.

Recording 2

Very Unacceptable								Very Acceptable
-4	-3	-2	-1	0	+1	+2	+3	+4

ADVANCE YOUR PLAYER AND RESUME YOUR LISTENING SESSION.

Recording 3

Very Unacceptable								Very Acceptable
-4	-3	-2	-1	0	+1	+2	+3	+4

ADVANCE YOUR PLAYER AND RESUME YOUR LISTENING SESSION.

Recording 4

Very Unacceptable								Very Acceptable
-4	-3	-2	-1	0	+1	+2	+3	+4

ADVANCE YOUR PLAYER AND RESUME YOUR LISTENING SESSION.

Recording 5

Very Unacceptable								Very Acceptable
-4	-3	-2	-1	0	+1	+2	+3	+4

YOU HAVE COMPLETED THIS PORTION OF YOUR LISTENING SESSION.

CONTINUE TO THE NEXT PAGE.

7. Which of the five recordings you just heard sounds most like what you heard in Tuolumne Meadows today? (Check one.) [5. VERP12]

☐ Recording 1
☐ Recording 2
☐ Recording 3
☐ Recording 4
☐ Recording 5

8a. **Please describe the sounds in the recordings that you found to be pleasing or annoying.**

Pleasing sounds: **[5. Variation VERP9]** _____

_____

Annoying sounds: **[5. Variation VERP11]** _____

_____

8b. **Please describe the sounds in the recordings that you found to be appropriate or inappropriate for this area. [Topic Area 6, Individual Perceptions of their Park Experiences]**

Appropriate sounds:_____

_____

Inappropriate sounds:_____

_____

For the next question,
please ask the survey attendant for assistance.

9. Noise from commercial aircraft flying over Yosemite National Park can sometimes interrupt visitors from hearing the sounds of nature and/or from hearing other members of their group. We would like to know how often you think it is acceptable to experience these types of interruptions while hiking in this area of Yosemite National Park. Please rate the acceptability of each of the following scenarios based on how frequently you would experience these types of aircraft-caused interruptions. (Circle one number for each scenario.) [5. VERP13]

Interrupted by aircraft sounds once…	Very Unacceptable								Very Acceptable
Every 5 minutes	-4	-3	-2	-1	0	+1	+2	+3	+4
Every 15 minutes	-4	-3	-2	-1	0	+1	+2	+3	+4
Every 30 minutes	-4	-3	-2	-1	0	+1	+2	+3	+4
Every 60 minutes	-4	-3	-2	-1	0	+1	+2	+3	+4
Never hear the sounds	-4	-3	-2	-1	0	+1	+2	+3	+4

10. How often would you prefer to experience interruptions by aircraft while hiking in this area of Yosemite National Park? (Record a number or check the box.) [Topic Area 6, Individual Perceptions of their Park Experiences]

No more than every _____minutes OR ☐ I would prefer to never be interrupted by aircraft

11. How frequently could you hear aircraft before you would no longer hike in this area of Yosemite National Park? (Record a number or check the box.) [Topic Area 6, Individual Perceptions of their Park Experiences]

No more than every _____minutes OR ☐ I would hike in this area of Yosemite regardless of how often I was interrupted by aircraft.

12. How frequently <u>should the National Park Service allow</u> aircraft-caused interruptions while hiking in this area of Yosemite National Park? In other words, at what point should commercial aircraft be restricted from flying over Yosemite National Park? (Record a number or check the box.) [Topic Area 6, Individual Perceptions of their Park Experiences]

No more than every _____minutes OR ☐ Aircraft should not be restricted from flying over Yosemite

13. Approximately how frequently were you interrupted by aircraft while hiking in this area of Yosemite National Park today? (Record a number or check the box.) [Topic Area 6, Individual Perceptions of their Park Experiences]

Every_____minutes OR ☐ Don't know/Not sure

14. Humans can cause noise in national parks in several ways. Please rate the degree to which you think the following types of human-caused noise were a problem during your hike in this area of Yosemite National Park today. (Check <u>one</u> box for each item.) [6. OPMGMT2]

	Problem during your hike today?		
Noise from…	**No Problem**	**Small Problem**	**Big Problem**
Automobile traffic	☐	☐	☐
Park operations (e.g., trail maintenance, construction vehicles)	☐	☐	☐
Visitors talking loudly	☐	☐	☐
Aircraft flying overhead	☐	☐	☐
Personal electronics (e.g., cell phone, IPod)	☐	☐	☐

15. Have you ever flown in a commercial aircraft over Yosemite National Park? (Check one.) [Topic Area 1, Individual Characteristics]

☐ Yes, I have flown in a commercial aircraft over Yosemite National Park.

☐ No, I have never flown in a commercial aircraft over Yosemite National Park.

☐ Don't know/Not sure.

16. Please indicate the extent to which you would support or oppose each of the following potential management actions at Yosemite National Park. (Check one box for each item.) [6. OPMGMT1]

	Strongly Support	Support	Neither Support nor Oppose	Oppose	Strongly Oppose	Don't Know/ Not Sure
Reduce the number of commercial aircraft allowed to fly over the park.	☐	☐	☐	☐	☐	☐
Maintain the number of commercial aircraft allowed to fly over the park at the current level.	☐	☐	☐	☐	☐	☐
Increase the number of commercial aircraft allowed to fly over the park.	☐	☐	☐	☐	☐	☐
Require commercial aircraft to be flown over the park only during specially designated times.	☐	☐	☐	☐	☐	☐
Require commercial aircraft to use designated flight paths over limited areas of the park.	☐	☐	☐	☐	☐	☐

D. Background Information

17. What is your gender? (Check one.) [1. GEND2]

☐ Male

☐ Female

18. In what year were you born? [1. AGE1]

Year born:_____

19. Do you live in the United States? (Check one.) [1. RES3]

- ☐ Yes (What is your zip code? _____)
- ☐ No (What country do you live in? _____)

20. What is the highest level of formal education you have completed? (Check one) [1. Variation ED1]

- ❒ **Less than high school**
- ❒ **Some High school**
- ❒ **High school graduate**
- ❒ **Vocational/trade school certificate**
- ❒ **Some college**
- ❒ **Two-year college degree**
- ❒ **Four-year college degree**
- ❒ **Masters degree**
- ❒ **Ph.D, M.D., J.D., or equivalent**

21. Are you Hispanic or Latino? (Check one.)

- ☐ Yes
- ☐ No

22. What is your race? (Check one or more.) [1. RACE/ETH3]

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

Thank you for your help with this survey!
Please return the completed questionnaire to the survey administrator.

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:

Superintendent
Yosemite National Park
[MAILING ADDRESS]
[CITY, STATE, AND ZIP CODE]
[EMAIL ADDRESS]