

Yakima Basin Reservoir Recreation Survey

Paper Reduction Act (Act): This information is needed to assess the current recreation environment in the Yakima River Basin. Response to this request is voluntary. In accordance with the Act, the reporting burden to the public for this form is estimated to average 20 minutes per response, including time for reviewing the instructions and completing and reviewing the form. In accordance with the Act, the Bureau of Reclamation may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid Office of Management and Budget control number. Direct comments regarding the burden estimate or any other aspect of these forms to the Bureau of Reclamation, Attention: Darrell Welch, P.O. Box 25007, Denver, CO 80225.

Privacy Act Statement: No Privacy Act information is being collected, and complete anonymity is guaranteed. Information collected will be compiled in a statistical database; therefore, no direct link to the individual(s) filling out the questionnaire will be available.

Dear Reservoir Recreation User,

We need your help! You are one of only a chosen few to represent all recreation users on the reservoir. Answering these questions will take only around 20 minutes, and the answers you give could improve your recreation experience. Consideration is currently being given to creating an additional water supply in the Yakima River Basin to benefit endangered and threatened fish, irrigated agriculture, and the municipal water supply. This effort may affect reservoir water elevations (levels) and your recreation experience. We need to know how reservoir water level changes might affect your recreation. Your answers will be used to determine the possible impacts associated with adjusted riverflows. Your answers will be kept strictly confidential. Thank you for taking the time to answer these very important questions.

Reservoir name _____

What areas of this reservoir you using on this visit? _____
(or place an X on the attached map)

Date you visited the reservoir _____

1. At this reservoir, what effect might an additional water supply in the Yakima River Basin have on your recreation experience?

2 Do you consider the water level **today** (check [✓] **one** using the guide below)

___ Very high ___ High ___ Medium ___ Low ___ Very low

Very high water: Reservoir full to overfull. Some flooding occurring. Trees and bushes in the water. No exposed shoreline and mudflats. Water way up on boat ramps and docks high. Water often muddy and carrying sticks and other debris.

High water: Reservoir full to nearly full.

Medium water: Reservoir water below full. High water line exposed. Some sandbars and mud area exposed.

Low water: Lots of exposed shoreline area, mudflats, and sandbars. Some exposed rocks and stumps. Trees and bushes that are submerged during very high water are now out of water. Water low on the boat ramp. Rocks and other hazards near the water surface.

Very low water: Lots of exposed shoreline, mudflats, rocks, and stumps. Water very low on boat ramps. Sometimes ramps are out of the water and are unusable and docks are on the bottom. Difficult, if not impossible, to get to the water from the shore. Sometimes coves are dry, and a good part of the reservoir bottom is dry with only a stream showing.

3. Do you like this water level? ___ Yes ___ No

4. In column 1 of the table below, check **all** the recreation activities that you are doing on **this trip**.

5. In column 2 of the table below, check the **one** activity that is your **primary (main)** activity on **this trip**.

6. In column 3 of the table below and in the rows you have checked, enter the number of people in your group on **this trip** who participated in the **primary** activity.

Activities	Column 1 Q. 4 – ✓ activities this trip	Column 2 Q. 5 – ✓ primary activity this trip	Column 3 Q. 6 – Number of people in your group this trip
Motorboating			
Boat fishing (guided)			
Boat fishing (private)			
Bank fishing			
Kayaking/canoeing			
Hunting			
Sailing			
Water skiing			
Jet skiing			
Swimming			
Camping			
Sightseeing			
Wildlife viewing			
Nature study			
Other			

7. In what ways does this water level affect you and your **primary (main)** recreation activity?

8. For your **primary (main)** reservoir recreation activity on **this trip**:

(a). Please describe, at this reservoir, what contributes to and makes for an enjoyable recreation experience

(b). At this reservoir, what detracts you from your recreation experience?

9. For **this trip** and for your **primary** activity, what type of visitor experience do you most desire/seek? (Please check [] *one*.)

___ Urban	___ Rural	___ Primitive
Descriptors		
Highly developed/not pristine or natural	Partly natural/moderately developed	Pristine/very little or no development
No or very little solitude/tranquility	Some tranquility and solitude	Solitude/tranquil
Safe/secure/help present	Somewhat safe/secure/help nearby	Self reliant/some danger present
Socialize/large groups/partying	Small or moderate size groups recreating together	Mainly on my own/sometimes with a friend or two

10. Can you find your desired experience somewhere on this reservoir?

___ Yes ___ No If yes, where? _____
(or place a letter Y on the attached map)

11. Can you find your desired experience at other nearby reservoirs within the Yakima River Basin? ___ Yes ___ No If yes, where? _____
(or place a letter Z on the attached map)

12. What facilities do you use at the reservoir?

Facility	✓ Facility used	Facility name
Boat ramps		
Campgrounds		
Picnic sites		
Beaches		
Floating docks		
Marinas		
Boat camps		
Private concessions		
Parking lots		
Restrooms		
Other		

13. In the table below, record the number of trips for each **primary** activity that you made to the reservoir in the **past 12 months**. The total number of trips across all primary activities should equal the number of visits you made to this reservoir over the past 12 months.
14. In the table below for each **primary** activity, give the average number of days you spent per trip.
15. In the table below for trips taken in the **past 12 months**, write in the percent of time that you participated in each **primary** activity on this reservoir by season. For example, boat fishing–private: 60% spring, 40% summer over the past 12 months. The sum of the percentages for each primary activity should total 100% across all four seasons.
(Note: The seasons correspond to the times of use and are loosely defined as: Spring is March 1 – May 31, summer is June 1 – August 31, fall is September 1 – October 31, and winter is November 1 – February 28.)

Primary recreation activities in past 12 months	Q. 13 – Number of trips for each primary activity in past 12 months	Q. 14 – Average number of days per trip	Q. 15. – Percent of time by season (primary activities ONLY)			
			Spring	Summer	Fall	Winter
Motorboating			%	%	%	%
Boat fishing (guided)			%	%	%	%
Boat fishing (private)			%	%	%	%
Bank fishing			%	%	%	%
Kayaking/canoeing			%	%	%	%
Hunting			%	%	%	%
Sailing			%	%	%	%
Water skiing			%	%	%	%
Jet skiing			%	%	%	%
Swimming			%	%	%	%
Camping			%	%	%	%
Sightseeing			%	%	%	%
Wildlife viewing			%	%	%	%
Nature study			%	%	%	%
Other			%	%	%	%

16. Do you have a preferred reservoir level for each **primary** activity? In the table below, please give water elevation in feet (if you know what it is) or write in a preferred water level description of *very high, high, medium, low, or very low*. (See question 2 for water level descriptions).
17. In the table below, compared to the results of questions 13 and 14, give the additional number of annual trips and the additional number of days per trip that you would take for each **primary** activity if your preferred water levels were met.

Primary recreation activity	Q. 16 – Preferred water level (feet)	Q. 17 – Additional number of trips per year and days per trip if preferred water levels were met	
		Trips	Days
Motorboating			
Boat fishing (guided)			
Boat fishing (private)			
Bank fishing			
Kayaking/canoeing			
Hunting			
Sailing			
Water skiing			
Jet skiing			
Swimming			
Camping			
Sightseeing			
Wildlife viewing			
Nature study			
Picnicking			
Other			

18. Are there high and/or low water level elevations that would stop you from pursuing your **primary** activity on the reservoir? In the following table, write in an actual water level elevation in feet or a water elevation description of **very high, high, medium, low, or very low**. (See question 2 for a description of water levels).

Primary recreation activity	Q. 18 – Write in below the water level elevation in feet or the water elevation description where you would stop activity	
	Upper elevation level	Lower elevation level
Motorboating		
Boat fishing (guided)		
Boat fishing (private)		
Bank fishing		
Kayaking/canoeing		
Sailing		
Water skiing		
Jet skiing		
Swimming		
Camping		
Sightseeing		
Wildlife viewing		
Houseboating		
Picnicking		
Other		

19. How much money do you and members of your household expect to spend on **this trip** for each of the expenditure categories listed below both in total and within the local area? The local area is described as the Yakima River Basin as shown on the map at the end.

(*Note:* If you live in the local area, your dollars spent would be the same for both columns. If you traveled to the area on vacation, your dollars spent would likely be different for each column.)

Items	Total dollars spent on this trip	Dollars spent within the local area (see map)
Camping fees		
Day-use fees		
Hotels/motels and other lodging		
Restaurants		
Groceries and liquor		
Gas and oil for auto and boat		
Recreation supplies		
Recreation equipment rentals		
Guide services		
Automobile rentals		
Public transportation fares (plane, train, bus, etc.)		
Souvenirs/gifts		
Other (list)		

20. Total spending per trip often varies depending on your primary activity. Please estimate, on average, how much you and members of your household spent per trip to the reservoir for each of your **primary** activities in the **past 12 months**. (Answer in the table below).

Primary recreation activity	Q. 20 – Average dollars spent per trip
Motorboating	
Boat fishing (guided)	
Boat fishing (private)	
Bank fishing	
Kayaking/canoeing	
Hunting	
Sailing	
Water skiing	
Jet skiing	
Swimming	
Camping	
Sightseeing	
Wildlife viewing	
Nature study	
Picnicking	
Other	

21. Have you had any conflicts with other users while recreating here? (Check [✓] all that apply.)

- | | | |
|--|---------------------------------------|---|
| <input type="checkbox"/> Kayakers/Canoers | <input type="checkbox"/> Partiers | <input type="checkbox"/> Boat anglers (guided) |
| <input type="checkbox"/> Shoreline anglers | <input type="checkbox"/> Picnickers | <input type="checkbox"/> Boat anglers (private) |
| <input type="checkbox"/> Wildlife viewers | <input type="checkbox"/> Campers | <input type="checkbox"/> Motorboaters |
| <input type="checkbox"/> Houseboaters | <input type="checkbox"/> Jet skiers | <input type="checkbox"/> Bank fishers |
| <input type="checkbox"/> Sightseers | <input type="checkbox"/> Swimmers | <input type="checkbox"/> Others (list) _____ |
| <input type="checkbox"/> Sailors | <input type="checkbox"/> Water skiers | |

22. Describe any conflicts you have experienced on the reservoir (e.g., noise, crowding, etc.).

23. What did you do about each conflict? (Check [✓] all that apply.)

Went to another area Left the area Other _____
 Complained to a manager Went home

24. What additional reservoir recreation-related opportunities do you most desire in the Yakima River Basin? (Please list.)

25. From where does your river trip usually originate:

If a U.S. resident: Zip code: _____

If a non-resident: City/Town and Country _____

26. How many miles (one way) do you usually travel to visit the reservoir? _____ miles

27. How many years have you been recreating on the reservoir? _____ years

Note: The following questions will be used strictly for statistical analysis purposes.

28. Are you _____ Female? _____ Male?

29. What is your age?

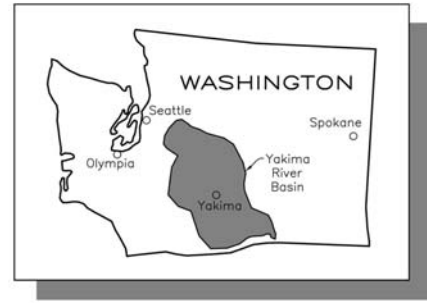
Under 15 35 – 49
 15 – 20 50 – 65
 21 – 34 Over 65

30. What was your household income last year?

Less than \$25,000 \$75,000 – \$99,999
 \$25,000 – \$49,999 \$100,000 – \$149,999
 \$50,000 – \$74,999 \$150,000 or more

31. Is there anything else you would like to share with us about your recreation experiences or concerns on the reservoir?

For official use only: Water elevation on day of visit was _____ feet.



Yakima River Basin

