

Yakima Basin River 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 River Recreation User,

We need your help! You are one of only a chosen few to represent all recreation users on the river. 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 riverflows and your recreation experience. Your answers will be used to determine the possible impacts adjusted flows will have on river recreation. Your answers will be kept strictly confidential. Thank you for taking the time to answer these very important questions.

River name _____

What river stretch (area) are you using today? _____
(or place an X on the attached map)

Date you visited this river stretch _____

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

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

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

Very high flow: Very fast moving, deep water; some very big rapids; waterbank high or overbanks; a few exposed large rocks.

High flow: Fast-moving, moderately deep water; many big rapids; water close to bank high; a number of big exposed rocks.

Medium flow: Steady-moving, moderately deep water; many large and smaller exposed rocks in rapids; water slightly down from high water line.

Low: Water slow moving; many exposed rocks; river bottom exposed for a few feet out from high water shoreline.

Very low: Very slow-moving, shallow water; exposed mudflats; river rocks and bottom exposed; water barely covering bottom in rapids; must choose carefully floatable areas; bottom exposed for several feet out from high water shoreline.

3. Do you like this flow? ___ 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 on this trip
Rafting (guided)			
Rafting (private)			
Kayaking/canoeing			
Boat fishing (guided)			
Boat fishing (private)			
Shoreline fishing			
Wade fishing			
Picnicking/day use			
Sightseeing			
Trail use			
Nature study			
Swimming			
Tubing			
Wading			
PWC (jetskiing)			
Camping			
Other			

7. In what ways do the flows mentioned in question 2 affect you and your **primary (main)** recreation activity?

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

(a). Please describe, on this stretch of river, what contributes to and makes for an enjoyable recreation experience.

(b). On this stretch of river, what detracts from your river 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 the river you are currently visiting?

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

11. Can you find your desired experience at other nearby rivers within the Yakima River Basin? ___ Yes ___ No If yes, where? _____

(or place a Z on the attached map)

12. What facilities do you use along the river corridor?

Facility	✓ Facility used	Facility name, if known
River camps		
Parking area		
Boat launch		
Picnic site/day-use site		
Sandbars/beaches		
Trail		
Restroom facilities		
Other		

13. In the table below, record the number of trips for each primary activity that you made to the river in the **past 12 months**.

(*Note:* The total number of trips across all primary activities should equal the number of trips you made to this river in 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 river 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
Rafting (guided)			%	%	%	%
Rafting (private)			%	%	%	%
Kayaking/canoeing			%	%	%	%
Boat fishing (guided)			%	%	%	%
Boat fishing (private)			%	%	%	%
Shoreline fishing			%	%	%	%
Wade fishing			%	%	%	%
Picnicking/day use			%	%	%	%
Sightseeing			%	%	%	%
Trail use			%	%	%	%
Nature study			%	%	%	%
Swimming			%	%	%	%
Tubing			%	%	%	%
Wading			%	%	%	%
PWC (jetskiing)			%	%	%	%
Camping			%	%	%	%
Other			%	%	%	%

16. Do you have a preferred riverflow for each **primary** activity? In the table below, please give the flow in cubic feet per second (cfs) (if you know what it is) or write in a preferred flow level description of *very high, high, medium, low, or very low*. (See question 2 for flow 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 flows were met.

Primary recreation activity	Q. 16 – Preferred cfs or flow level	Q. 17 – Additional number of trips per year and days per trip if preferred flows were met	
		Trips	Days
Rafting (guided)			
Rafting (private)			
Kayaking/canoeing			
Boat fishing (guided)			
Boat fishing (private)			
Shoreline fishing			
Wade fishing			
Picnicking/day use			
Sightseeing			
Trail use			
Nature study			
Swimming			
Tubing			
Wading			
PWC (jetskiing)			
Camping			
Other			

18. Are there high and/or low flow levels that would stop you from pursuing each of your **primary** activities on the river? In the following table, write in an actual flow level (cfs) or a flow 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 cfs or flow level description where you would stop activity	
	Upper flow level	Lower flow level
Rafting (guided)		
Rafting (private)		
Kayaking/canoeing		
Boat fishing (guided)		
Boat fishing (private)		
Shoreline fishing		
Wade fishing		
Picnicking/day use		
Sightseeing		
Trail use		
Nature study		
Swimming		
Tubing		
Wading		
PWC (jetskiing)		
Camping		
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 of this survey.
(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		
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 recreation activity. Please estimate, on average, how much you spent per trip to the river 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
Rafting (guided)	
Rafting (private)	
Kayaking/canoeing	
Boat fishing (guided)	
Boat fishing (private)	
Shoreline fishing	
Wade fishing	
Picnicking/day use	
Sightseeing	
Trail use	
Nature study	
Swimming	
Tubing	
Wading	
PWC (jetskiing)	
Camping	
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"/> Sightseers | <input type="checkbox"/> Rafters (private) |
| <input type="checkbox"/> Shoreline anglers | <input type="checkbox"/> Picnickers | <input type="checkbox"/> Boat anglers (guided) |
| <input type="checkbox"/> Wildlife viewers | <input type="checkbox"/> Campers | <input type="checkbox"/> Boat anglers (private) |
| <input type="checkbox"/> Wade fishers | <input type="checkbox"/> Rafters (guided) | <input type="checkbox"/> PWC (jetskiers) |
| <input type="checkbox"/> Trail users | <input type="checkbox"/> Tubers | <input type="checkbox"/> Swimmers |
| <input type="checkbox"/> Waders | <input type="checkbox"/> Partiers | <input type="checkbox"/> Others (list) _____ |

22. Describe any conflicts you have experienced on the river (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. From where does your river trip usually originate:

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

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

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

26. How many years have you been recreating on the river? _____ years

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

27. Are you _____ Female? _____ Male?

28. What is your age?

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

29. 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

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

For official use only: Today's riverflow for this stretch in cubic feet per second is _____ cfs.



Yakima River Basin

