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NORTHWEST WATER-BASED RECREATION SURVEY

Thank you for your willingness to support the U.S. Army Corps of Engineers' efforts to better understand residents' opinions about our missions and the services we provide. Survey participation is voluntary. You can skip questions you choose not answer, and you can stop participating at any time.

- 1.** The U.S. Army Corps of Engineers has a variety of important missions throughout the country. In your opinion, how important are the following Army Corps missions?

(Select one number for each mission)

MISSION	NOT IMPORTANT				VERY IMPORTANT
	1	2	3	4	5
a. Supporting U.S. Army and Air Force installations	1	2	3	4	5
b. Operating dams and reservoirs	1	2	3	4	5
c. Maintaining waterways for navigation	1	2	3	4	5
d. Engineering research and development	1	2	3	4	5

- 2.** The U.S. Army Corps of Engineers owns and operates numerous dams throughout the Northwest. In your opinion, how important are the following functions provided by these dams? *(Select one number for each function)*

FUNCTION	NOT IMPORTANT				VERY IMPORTANT
	1	2	3	4	5
a. Generating electricity	1	2	3	4	5
b. Providing water storage to reduce flood damages	1	2	3	4	5
c. Providing water supply storage for agricultural use	1	2	3	4	5
d. Enhancing navigation for	1	2	3	4	5

shipping					
e. Providing recreational opportunities on reservoirs	1	2	3	4	5

3. Did you visit rivers, lakes, or reservoirs to participate in the following types of recreation last year (in 2020)? We are interested in any trips to rivers, lakes, or reservoirs, not just trips to Army Corps facilities. (Select YES or NO for each type of recreation trip)

a. Fishing	YES	NO
b. Motor boating or jet skiing (without fishing)	YES	NO
c. Non-motorized boating (kayaking, canoeing, rafting, tubing, etc.)	YES	NO
d. Swimming	YES	NO

4. Did you visit rivers, lakes, or reservoirs AT LEAST TEN TIMES to participate in the following type of recreation last year (in 2020)? (Select YES or NO for each type of trip)

a. Fishing	YES	NO
b. Motor boating or jet skiing (without fishing)	YES	NO
c. Non-motorized boating (kayaking, canoeing, rafting, tubing, etc.)	YES	NO
d. Swimming	YES	NO

FISHING

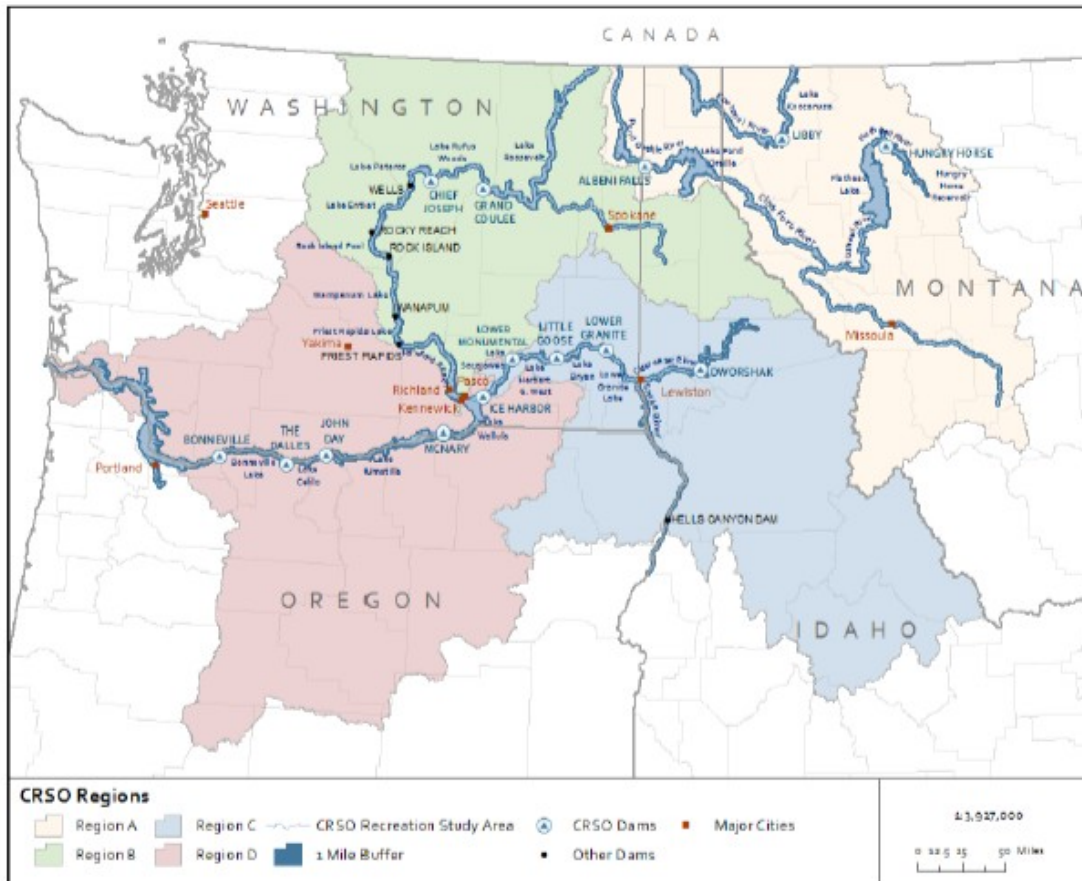
The next few questions are about recreation trips that you might have taken in [MONTH1 or MONTH2] of this year to rivers, lakes, or reservoirs in the Northwest including the states of Washington, Oregon, Montana, and Idaho.

as The following questions ask about “day trips” and “overnight trips.” ‘Day trips’ mean trips where you left home and returned home in the same day. ‘Overnight trips’ mean trips where you stayed at least one night away from home. Note, trips to section homes or cabins are considered overnight trips.

A1. Did you personally go fishing in any rivers, lakes, or reservoirs in the Northwest in MONTH1 or MONTH2 this year?

- 1 YES
- 2 NO -> SKIP TO B1

A2. Which locations in the Northwest did you go? [REFER TO INCLUDED MAP] Please provide the recreation site name(s). If a site name is not available, please provide the name of the waterbody (river section, lake, reservoir or other) and the nearest town. If multiple sites were visited during trips, please provide the MAIN destination for each trip.



[-> IF > 1 SITE:] The following questions ask about your trips to each of these sites. Let's start with [*FIRST SITE*].

-> REPEAT THE FOLLOWING QUESTIONS FOR EACH SITE MENTIONED (NOTE WEB SURVEY WILL BE PROGRAMMED TO PROMPT REPEAT FORM)::

A3. Did you personally take any day trips for fishing to *SITE* in *MONTH1* or *MONTH2* this year?

- 1 YES
- 2 NO -> SKIP TO A7

A4. How many? If you are uncertain of the exact number, please provide a range such as 1-2 trips, 3-4 trips, 5-10 trips, 10-15 trips, 15-20 trips, etc.

_____ FISHING DAY TRIPS TO *SITE*

-> IF ONLY ONE TRIP, SKIP TO A6

A5. On how many of these day trips did you fish from a boat? Again if you are uncertain of the exact number, please provide a range.

_____ BOAT FISHING DAY TRIPS TO *SITE*

-> SKIP TO A7

A6. Did you fish from a boat on this trip?

- 1 YES
- 2 NO

A7. Did you personally take any overnight fishing trips to *SITE* in *MONTH1* or *MONTH2* this year?

- 1 YES
- 2 NO -> SKIP TO LAST FISHING TRIP

A8. How many?

_____ OVERNIGHT FISHING TRIPS TO *SITE*

-> IF ONLY ONE OVERNIGHT TRIP, SKIP TO A10

A9. On how many of these overnight trips did you fish from a boat?

_____ OVERNIGHT BOAT FISHING TRIPS TO *SITE*

-> SKIP TO A11

A10. Did you fish from a boat on this trip?

- 1 YES
- 2 NO

LAST FISHING TRIP

[-> IF > 1 TRIP REPORTED:] The following questions are about the last fishing trip that you took to *SITE* in *MONTH1* or *MONTH2*.

-> IF ONLY DAY TRIPS TO *SITE* REPORTED, SKIP TO A15

-> IF ONLY OVERNIGHT TRIPS TO *SITE* REPORTED, SKIP TO A12

A11. Did you stay overnight away from home on your last fishing trip to *SITE*?

- 1 NO-> SKIP TO A15
- 2 YES

A12. How many total nights did you spend away from home on this trip?

_____ NIGHTS

A13. On how many days did you go fishing during this trip?

_____ DAYS

A14. Was recreation the primary purpose of this trip?

- 1 YES
- 2 NO

A15. [-> IF ALL TRIPS TO *SITE* WERE BOAT FISHING TRIPS, SKIP TO A16. IF ALL TRIPS TO *SITE* WERE SHORE FISHING TRIPS, SKIP TO A17]. Did you fish from a boat on this trip?

- 1 YES
- 2 NO-> SKIP TO A17

A16. Was the boat trailered to the site on this trip? [IF BOAT STORED AT MARINA OR IN PRIVATE SLIP, SELECT "NO"]

- 1 YES
- 2 NO

- _____ SQUAWFISH
- _____ STEELHEAD
- _____ STURGEON
- _____ WALLEYE

-> RETURN TO QUESTION A3 AND ASK ABOUT THE NEXT SITE MENTIONED BY THE RESPONDENT.
CONTINUE UNTIL ALL SITES HAVE BEEN COVERED.

A23. The next few items are about the features that are important to you when you choose a location for river, lake, or reservoir fishing in the Northwest. Please rate their importance to you on a scale from 1 to 5, where 1 is least important and 5 is most important.

	Not at all important	A little important	Somewhat important	Very important	Extremely important
The fishing site is close to home	1	2	3	4	5
There is a ramp available for launching a boat	1	2	3	4	5
There are developed camping sites available	1	2	3	4	5
There are sites available for picnicking and grilling	1	2	3	4	5
The site has bathrooms and facilities to wash up	1	2	3	4	5
There is plenty of access for shore fishing	1	2	3	4	5
There is plenty of parking	1	2	3	4	5
The site is not crowded	1	2	3	4	5
The site doesn't have any trash	1	2	3	4	5
There are plenty of migratory fish like salmon and steelhead	1	2	3	4	5
There are plenty of resident fish like bass, walleye, sturgeon, catfish, kokanee, or trout	1	2	3	4	5

A24. In general, do you prefer to fish in a lake or reservoir, or in a free-flowing river? [SELECT ONE]

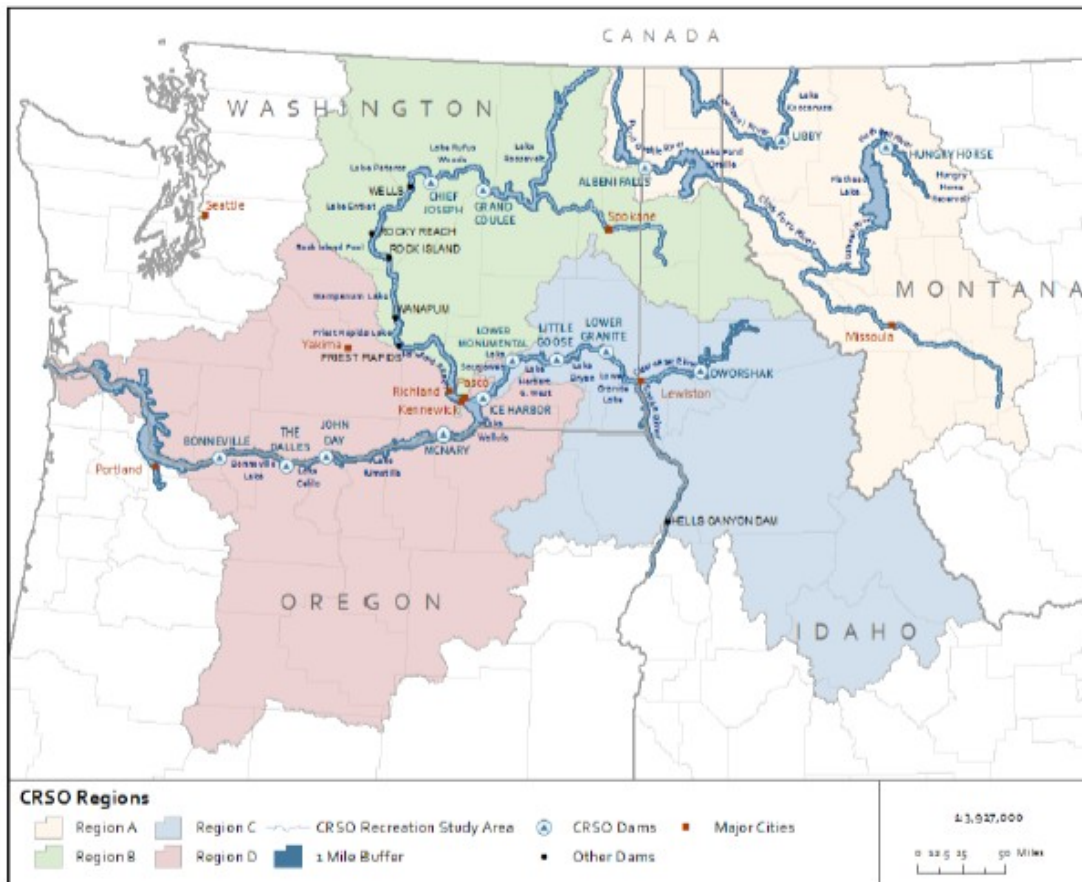
- _____ LAKE OR RESERVOIR
- _____ FREE-FLOWING RIVER

BOATING

B1. The following questions are about boating trips. By “boating trips,” it includes trips that you took on a Jet Ski, motor boat, or sailboat where you didn't do any fishing. Did you take any boating trips on any rivers, lakes, or reservoirs in the Northwest in MONTH1 or MONTH2 this year?

- 1 YES
- 2 NO -> SKIP TO C1

B2. Which locations in the Northwest did you go? [REFER TO INCLUDED MAP] Please provide the recreation site name(s). If a site name is not available, please provide the name of the waterbody (river section, lake, reservoir or other) and the nearest town. If multiple sites were visited during trips, please provide the MAIN destination for each trip.



[-> IF > 1 SITE:] The following questions ask about your trips to each of these sites. Starting with [FIRST SITE].

-> REPEAT THE FOLLOWING QUESTIONS FOR EACH SITE MENTIONED (NOTE WEB SURVEY WILL BE PROGRAMMED TO PROMPT REPEAT FORM):

B3. Did you personally take any boating day trips to SITE in MONTH1 or MONTH2 this year?

- 1 YES

2 NO -> SKIP TO B5

B4. How many?

_____ BOATING DAY TRIPS TO *SITE*

B5. Did you personally take any overnight boating trips to *SITE* in *MONTH1* or *MONTH2* this year?

- 1 YES
- 2 NO -> SKIP TO LAST BOATING TRIP

B6. How many?

_____ OVERNIGHT BOATING TRIPS TO *SITE*

LAST BOATING TRIP

[-> IF > 1 TRIP REPORTED:] The next few questions are about the last boating trip that you took to *SITE* in *MONTH1* or *MONTH2*

- > IF ONLY DAY TRIPS TO *SITE* REPORTED, SKIP TO B11
- > IF ONLY OVERNIGHT TRIPS TO *SITE* REPORTED, SKIP TO B8

B7. Did you stay overnight away from home on your last boating trip to *SITE*?

- 1 NO -> SKIP TO B11
- 2 YES

B8. How many total nights did you spend away from home on this trip?

_____ NIGHTS

B9. On how many days did you personally go boating during this trip?

_____ DAYS

B10. Was recreation the primary purpose of this trip?

- 1 YES
- 2 NO

B11. Was the boat trailered to the site on this trip? [IF BOAT STORED AT MARINA OR IN PRIVATE SLIP, SELECT "NO"]

- 1 YES
- 2 NO

B12. How many adults 18 or older, including yourself, were in your vehicle when you traveled to the site for this trip?

_____ ADULTS (18+)

B13. How many children under 18 were in your vehicle?

_____ CHILDREN (UNDER 18)

[-> IF > 1 SITE AND THERE ARE MORE SITES:] Ok, now I'm going to ask you about trips to [NEXT SITE].
 -> RETURN TO QUESTION B3 AND ASK ABOUT THE NEXT SITE MENTIONED BY THE RESPONDENT.
 CONTINUE UNTIL ALL SITES HAVE BEEN COVERED.

B14. The next questions are about the features that are important to you when you choose a location for river, lake, or reservoir boating in the Northwest. Please rate their importance to you on a scale from 1 to 5, where 1 is least important and 5 is most important.

	Not at all important	A little important	Somewhat important	Very important	Extremely important
The boating site is close to home.	1	2	3	4	5
There is a ramp available for launching a boat.	1	2	3	4	5
There is a marina available with boat slips and gas.	1	2	3	4	5
There are developed camping sites available.	1	2	3	4	5
The site has bathrooms and facilities to wash up.	1	2	3	4	5
There are beach areas available for swimming.	1	2	3	4	5
There are sites available for picnicking and grilling.	1	2	3	4	5
There is plenty of parking.	1	2	3	4	5
The site is not crowded.	1	2	3	4	5
The site doesn't have any trash.	1	2	3	4	5
The site is large enough for waterskiing or tubing.	1	2	3	4	5
The site does not have many navigation hazards.	1	2	3	4	5

B15. In general, do you prefer to go boating in a lake or reservoir, or in a free-flowing river? [SELECT ONE]

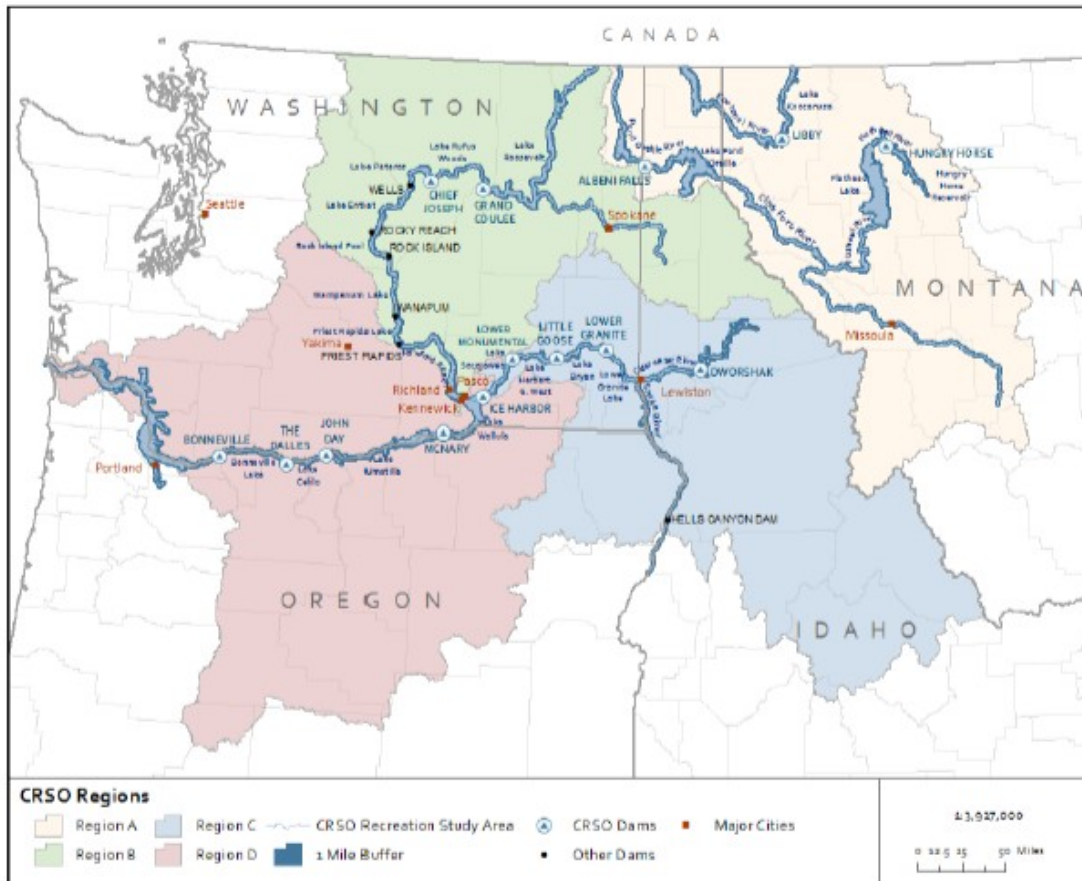
- LAKE OR RESERVOIR
- FREE-FLOWING RIVER

PADDLING AND RAFTING

C1. The following question are about paddling or rafting trips. “Paddling or rafting trips,” mean trips in a kayak, canoe, raft, or other small boat without a motor where you didn’t do any fishing. Did you go paddling or rafting on rivers, lakes, or reservoirs in the Northwest in MONTH1 or MONTH2 this year?

- 1 YES
- 2 NO -> SKIP TO D1

C2. Which locations in the Northwest did you go? [REFER TO INCLUDED MAP] Please provide the recreation site name(s). If a site name is not available, please provide the name of the waterbody (river section, lake, reservoir or other) and the nearest town. If multiple sites were visited during trips, please provide the MAIN destination for each trip.



[> IF > 1 SITE:] The following questions are about your trips to each of these sites. Let’s start with [FIRST SITE].

-> REPEAT THE FOLLOWING FOR EACH SITE MENTIONED (NOTE WEB SURVEY WILL BE PROGRAMMED TO PROMPT REPEAT FORM)::

C3. Did you personally take any paddling or rafting day trips to *SITE* in *MONTH1* or *MONTH2* this year?

- 1 YES
- 2 NO -> SKIP TO C5

C4. How many?

_____ PADDLING OR RAFTING DAY TRIPS TO *SITE*

C5. Did you personally take any overnight paddling or rafting trips to *SITE* in *MONTH1* or *MONTH2* this year?

- 1 YES
- 2 NO -> SKIP TO LAST PADDLING OR RAFTING TRIP

C6. How many?

_____ OVERNIGHT PADDLING OR RAFTING TRIPS TO *SITE*

LAST PADDLING OR RAFTING TRIP

[-> IF > 1 TRIP REPORTED:] The next questions are about the last paddling or rafting trip that you took to *SITE* in *MONTH1* or *MONTH2*

-> IF ONLY DAY TRIPS TO *SITE* REPORTED, SKIP TO C11

-> IF ONLY OVERNIGHT TRIPS TO *SITE* REPORTED, SKIP TO C8

C7. Did you stay overnight away from home on your last paddling or rafting trip to *SITE*?

- 1 NO -> SKIP TO C11
- 2 YES

C8. How many total nights did you spend away from home on this trip?

_____ NIGHTS

C9. On how many days were you personally paddling or rafting during this trip?

_____ DAYS

C10. Was recreation the primary purpose of this trip?

- 1 YES
- 2 NO

C11. What type of boat were you using during this trip?

- 1 KAYAK
- 2 CANOE
- 3 RAFT
- 4 TUBE
- 5 OTHER

C12. How many adults 18 or older, including yourself, were in your vehicle when you traveled to *SITE* for this trip?

_____ ADULTS (18+)

C13. How many children under 18 were in your vehicle?

_____ CHILDREN (UNDER 18)

-> RETURN TO QUESTION C3 AND ASK ABOUT THE NEXT SITE MENTIONED BY THE RESPONDENT.
 CONTINUE UNTIL ALL SITES HAVE BEEN COVERED.

C14. The next few questions are about the features that are important to you when you choose a location for river, lake, or reservoir paddling or rafting in the Northwest. Please rate their importance to you on a scale from 1 to 5, where 1 is least important and 5 is most important.

	Not at all important	A little important	Somewhat important	Very important	Extremely important
The paddling or rafting site is close to home.	1	2	3	4	5
There is a ramp available for launching a small boat.	1	2	3	4	5
There are developed camping sites available.	1	2	3	4	5
There are beach areas available for swimming.	1	2	3	4	5
The site has bathrooms and facilities to wash up.	1	2	3	4	5
The site is not crowded.	1	2	3	4	5
There is plenty of parking.	1	2	3	4	5
The site doesn't have any trash.	1	2	3	4	5
There are no motor boats at the site.	1	2	3	4	5
You can paddle or raft for many miles at the site.	1	2	3	4	5
The site has rapids or other features.	1	2	3	4	5

C15. [-> IF C11 = "CANOE" OR "KAYAK"] In general, do you prefer to go paddling in a lake or reservoir, or in a free-flowing river? [SELECT ONE]

_____ LAKE OR RESERVOIR

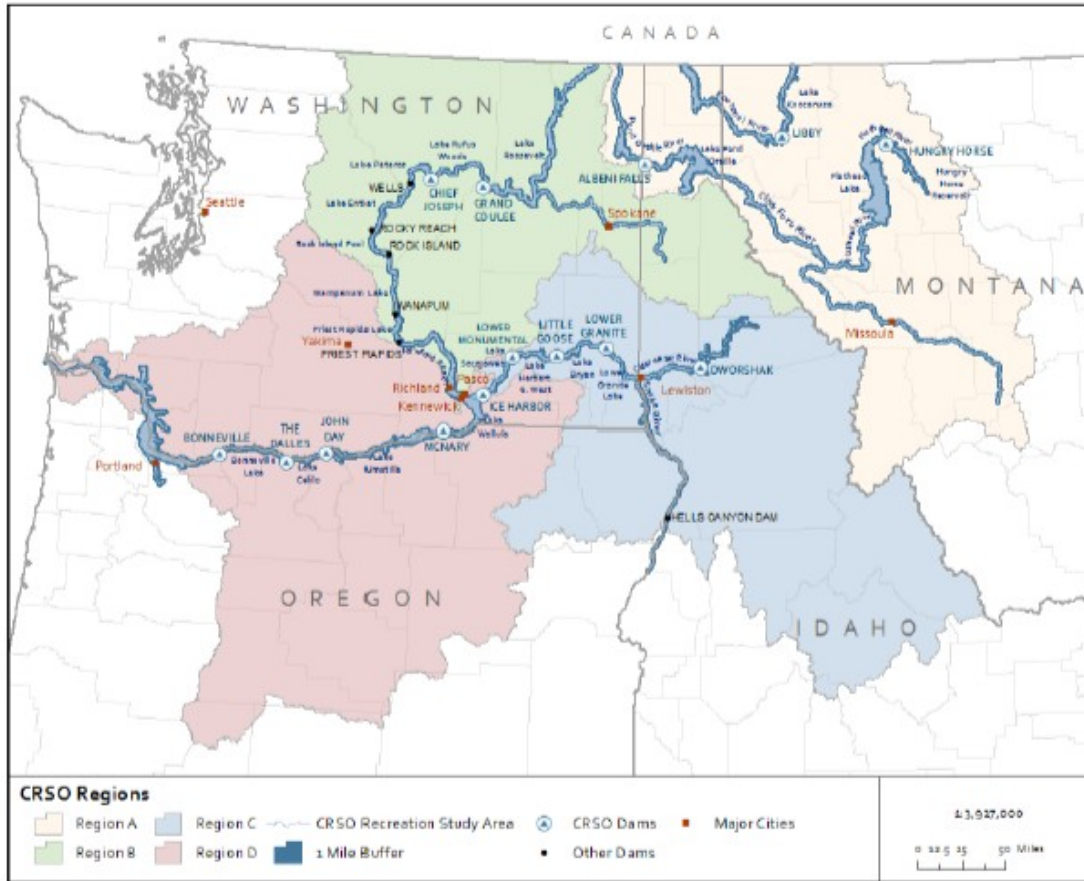
_____ FREE-FLOWING RIVER

SWIMMING

D1. The following questions are about swimming that you might have done in rivers, lakes, and reservoirs, other than swimming that you did during the trips you've already reported. "Swimming" could mean wading, floating, diving, jumping, or swimming in the water. Did you go swimming in rivers, lakes, or reservoirs in the Northwest in MONTH1 or MONTH2 this year?

- 1 YES
- 2 NO -> SKIP TO E1

D2. Which locations? [REFER TO INCLUDED MAP] Please provide the recreation site name(s). If a site name is not available, please provide the name of the waterbody (river section, lake, reservoir or other) and the nearest town. If multiple sites were visited during trips, please provide the MAIN destination for each trip.



[-> IF > 1 SITE:] The next questions are about your trips to each of these sites. Let's start with [FIRST SITE].

-> REPEAT THE FOLLOWING FOR EACH SITE MENTIONED:

D3. Did you personally take any day trips for swimming to *SITE* in *MONTH1* or *MONTH2* this year?

- 1 YES
- 2 NO -> SKIP TO D5

D4. How many?

_____ SWIMMING DAY TRIPS TO *SITE*

D5. Did you personally take any overnight trips for swimming to *SITE* in *MONTH1* or *MONTH2* this year?

- 1 YES
- 2 NO -> SKIP TO LAST SWIMMING TRIP

D6. How many?

_____ OVERNIGHT SWIMMING TRIPS TO *SITE*

LAST SWIMMING TRIP

[-> IF > 1 TRIP REPORTED:] The next questions are about the last swimming trip that you took to *SITE* in *MONTH1* or *MONTH2*

-> IF ONLY DAY TRIPS TO *SITE* REPORTED, SKIP TO D11

-> IF ONLY OVERNIGHT TRIPS TO *SITE* REPORTED, SKIP TO D8

D7. Did you stay overnight away from home on your last swimming trip to *SITE*?

- 1 NO -> SKIP TO D11
- 2 YES

D8. How many total nights did you spend away from home on this trip?

_____ NIGHTS

D9. On how many days did you personally go swimming during this trip?

_____ DAYS

D10. Was recreation the primary purpose of this trip?

- 1 YES
- 2 NO

D11. How many adults 18 or older, including yourself, were in your vehicle when you traveled to *SITE* for this trip?

_____ ADULTS (18+)

D12. How many children under 18 were in your vehicle?

_____ CHILDREN (UNDER 18)

-> RETURN TO QUESTION D3 AND ASK ABOUT THE NEXT SITE MENTIONED BY THE RESPONDENT. CONTINUE UNTIL ALL SITES HAVE BEEN COVERED.

D13. The next few questions are about the features that are important to you when you choose a location for river, lake, or reservoir for swimming in the Northwest. Please rate their importance to you on a scale from 1 to 5, where 1 is least important and 5 is most important.

	Not at all important	A little important	Somewhat important	Very important	Extremely important
The site is close to home	1	2	3	4	5
There are developed camping sites available.	1	2	3	4	5
The site is not crowded	1	2	3	4	5
There are sites available for picnicking and grilling	1	2	3	4	5
The site has bathrooms and facilities to wash up	1	2	3	4	5
Swimming at the site is safe for small children	1	2	3	4	5
There is plenty of parking	1	2	3	4	5
The water is clean	1	2	3	4	5
The site provides opportunities for jumping or diving into the water	1	2	3	4	5
The site has a sandy beach area	1	2	3	4	5
There are lifeguards at the site	1	2	3	4	5

D14. In general, do you prefer to go swimming in a lake or reservoir, or in a free-flowing river? [SELECT ONE]

- _____ LAKE OR RESERVOIR
- _____ FREE-FLOWING RIVER

DEMOGRAPHICS

E1. The last few questions are for statistical purposes. What is your age? Select the appropriate range below.

- 1 18 to 29
- 2 30 to 39
- 3 40 to 49
- 4 50 to 59
- 5 60 to 69
- 6 70 to 79
- 7 80 or over
- 99 REFUSE

E2. What is the highest level of education you have completed?

- 1 LESS THAN HIGH SCHOOL
- 2 HIGH SCHOOL GRADUATE OR GED
- 4 VOCATIONAL OR TECHNICAL SCHOOL CERTIFICATE
- 5 SOME COLLEGE
- 6 ASSOCIATE'S DEGREE (two year college degree)
- 7 BACHELOR'S DEGREE (four year college degree)
- 8 GRADUATE DEGREE OR PROFESSIONAL DEGREE (MA, MS, PhD, JD, MBA, etc.)
- 99 REFUSE

E3. What was your total household income in 2020 before taxes? Please include all wages, salaries, interest, and other income?

- 1 Less than \$24,999
- 2 \$25,000 to \$34,999
- 3 \$35,000 to \$49,999
- 4 \$50,000 to \$74,999
- 5 \$75,000 to \$99,999
- 6 \$100,000 to \$149,999
- 7 \$150,000 to \$199,999
- 8 \$200,000 or more
- 99 REFUSE

E4. What is your gender?

- 1 MALE
- 2 FEMALE

Thank you for taking the time to participate in our survey.