

The Placer County Water Agency is in the process of relicensing the Middle Fork American River Project. As part of this process, information is being collected to identify the range of flows suitable for whitewater boating on the Rubicon River between Hell Hole Dam and Ralston Afterbay.

This year (2011) there has been a range of boatable flows in the Rubicon River, and numerous boaters have run this section over a wide range of flows. If you have boated the Rubicon between Hell Hole Dam and Ralston Afterbay this year please complete this survey. Your input will help determine the boatable flow range for this section of the Rubicon River.

Please complete the following survey for each boating trip you've make on the Rubicon River this season (2011). If you've taken multiple trips please complete a separate survey for each trip.

Flow information for the dates and times of your trip(s) can be accessed at the website link below. Open the link in another browser window or tab to download an Excel file of the flow the data.

<http://relicensing.pcwa.net/documents/PROVISIONAL%20Rubicon%20Flows%206.1.2011%20to%207.11.2011.xlsx>

Questions marked with an asterisk require a response in order to submit the survey.

The information you provide is important and will be used to determine the boatable flow range for this section of the Rubicon River. Please take time to consider the questions, and your responses, before submitting the survey.

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

BACKGROUND INFORMATION - The following information, name, place of residence, phone number, and email address, is considered confidential and will not be disclosed to any parties as a result of this survey

***1. Your Name**

***2. Place of residence**

City	<input type="text"/>
State	<input type="text"/>
Country	<input type="text"/>

3. Contact information

Phone Number	<input type="text"/>
Email Address	<input type="text"/>

4. How many years have you been whitewater boating?

5. On average, about how many times a year do you boat?

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

Boating Skill Level	
Class 3 (intermediate)	<input type="radio"/>
Class 4 (advanced)	<input type="radio"/>
Class 4+	<input type="radio"/>
Class 5-	<input type="radio"/>
Class 5 (expert)	<input type="radio"/>
Class 5+ (elite)	<input type="radio"/>

7. How would you best describe the "type" of boating you prefer?

Type of boating preferred	
Single-day recreational trips	<input type="radio"/>
Multiple-day recreational trips	<input type="radio"/>
Both multiple-day and single day recreational trips	<input type="radio"/>
Multiple-day "expedition" trips	<input type="radio"/>
"Exploratory" single-day or multiple-day river trips	<input type="radio"/>
All of the above - no specific preference	<input type="radio"/>

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

BOATING TRIP INFORMATION - Please provide responses to the following questions for a single trip. If you have multiple trips this season complete a separate survey for each trip

***9. What was the date of your put-in?**

10. What was your estimate of the flow (in CFS) at put-in?

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

***12. Where did you put-in?**

Put-in Location	
Hell Hole Dam	<input type="radio"/>
Ellicott Bridge	<input type="radio"/>

***13. What type of boat did you use?**

	Boat Type
Kayak	<input type="radio"/>
Raft	<input type="radio"/>
Cata-raft	<input type="radio"/>
Inflatable Kayak	<input type="radio"/>

***14. What time did you put-in (indicate AM or PM)?**

***15. Was this a single-day or multiple-day trip?**

	Length of Trip
Single-day trip	<input type="radio"/>
Two-day trip	<input type="radio"/>
Three-day trip	<input type="radio"/>
More than three-day trip	<input type="radio"/>

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

17. If your trip was more than one day please provide the approximate times for put-in and take-out (indicate AM or PM).

Day 1 Take-out time	<input type="text"/>
Day 2 Put-in time	<input type="text"/>
Day 2 Take-out time	<input type="text"/>
Day 3 Put-in time	<input type="text"/>
Day 3 Take-out time	<input type="text"/>
Day 4 Put-in time	<input type="text"/>
Day 4 Take-out time	<input type="text"/>

18. Approximately how many times did you stop to scout during you trip?

19. Approximately how many times did you portage on this trip?

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	<input type="radio"/>
Yes	<input type="radio"/>
If yes, please describe	
<div style="border: 1px solid black; height: 60px; width: 100%;"></div>	

FLOW PREFERENCE - Please respond to the following questions based on the flow boated this trip

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	<input type="radio"/>
Class IV+	<input type="radio"/>
Class V-	<input type="radio"/>
Class V	<input type="radio"/>
Class V+	<input type="radio"/>

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable	Moderately Unacceptable	Moderately Acceptable	Highly Acceptable
Overall boatability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Availability of challenging technical boating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Availability of powerful hydraulics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Availability of "play areas"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall whitewater "challenge"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Safety	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rate of travel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number of scouts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number of portages	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied	Moderately Unsatisfied	Moderately Satisfied	Highly Satisfied
Satisfaction with flow	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

24. In general, would you prefer a flow that was higher, lower, or about the same as the flow you boated during this trip?

	Much Lower Flow	Slightly Lower Flow	About the Same Flow	Slightly Higher Flow	Much Higher Flow
Flow preference	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	<input type="radio"/>
No	<input type="radio"/>
Possibly	<input type="radio"/>

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

27. Based on the flow boated during this trip, what is your estimate of the "Minimum Acceptable Flow" - the lowest flow at which you would be willing to return to boat this reach?

	Much Lower Flow	Slightly Lower Flow	About the Same Flow	Slightly Higher Flow	Much Higher Flow
Minimum Acceptable Flow	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

28. If your answer to the preceding question (#27) was a higher or lower flow, what is your estimate (in CFS) of how much higher or lower?

29. Based on the flow boated during this trip, what is your estimate of the "Optimum Flow" - the flow that creates the best combination of characteristics for your craft and skill level?

	Much Lower Flow	Slightly Lower Flow	About the Same Flow	Slightly Higher Flow	Much Higher Flow
Optimum Flow	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

30. If your answer to the preceding question (#29) was a higher or lower flow, what is your estimate (in CFS) of how much higher or lower?

31. Based on the flow boated during this trip, what is your estimate of the "Maximum Acceptable Flow" - the highest flow at which you would be willing to return to boat this reach?

	Much Lower Flow	Slightly Lower Flow	About the Same Flow	Slightly Higher Flow	Much Higher Flow
Maximum Acceptable Flow	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

32. If your answer to the preceding question (#31) was a higher or lower flow, what is your estimate (in CFS) of how much higher or lower?

33. Please provide any additional comments regarding your boating trip

34. Can you be contacted for more information or follow-up questions?

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

Thank you very much for taking the time to share your expertise regarding whitewater boating flows on the Rubicon River.

If you are interested in learning more about the Middle Fork American River Project please visit the website at <http://relicensing.pcwa.net/>