Placer County Water Agency
Middle Fork American River Project
(FERC No. 2079)

WHITEWATER BOATING FLOW STUDY REPORT
RUBICON RIVER -
ELLICOTT BRIDGE TO RALSTON AFTERBAY

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1.0 INTRODUCTION

This report describes supplemental information developed by Placer County Water Agency (PCWA) in coordination with the whitewater community on whitewater boating flow preferences for the Rubicon River between Ellicott Bridge and Ralston Afterbay. The information presented in this report relies on the results of on-line surveys completed by boaters who ran this reach during the spring of 2011 when Hell Hole Reservoir spilled, and information developed during a follow-up focus group meeting. The information presented in this report is intended to augment the whitewater boating information for this reach that was presented in PCWA's Application for New License (herein referred to as the Final License Application (FLA)) for the Middle Fork American River Project (MFP or Project), which PCWA filed with the Federal Energy Regulatory Commission (FERC) on February 23, 2011 (PCWA 2011). This additional information will be provided to the FERC for consideration in their National Environmental Policy Act (NEPA) analysis. The additional information should facilitate a more robust and inclusive NEPA analysis by FERC.

2.0 BACKGROUND

PCWA's FLA contained whitewater boating flow information for the bypass and peaking reaches associated with the MFP, including the Rubicon River. The information contained in the FLA regarding the Rubicon River was developed based on: (1) information contained in published whitewater guide books; (2) information developed through a whitewater boating focus group meeting held on April 23, 2008; (3) information provided by the Foothills Water Network (FWN) after the focus group meeting; and (4) follow-up consultation with experienced, local boaters. Information developed through these sources was used in combination with hydrologic data to describe and evaluate whitewater boating flows and opportunities on the bypass and peaking reaches, including the Rubicon River. These efforts are documented in detail in the REC 4 – Stream Based Recreation Opportunities Technical Study Report (REC 4 – TSR), which is available in Supporting Document B of PCWA's FLA (PCWA 2011; SD B).

The information contained in the REC 4 – TSR was discussed with the Recreation Technical Working Group (TWG) participants on March 16, 2009, April 6, 2009, and June 15, 2009. After reviewing the REC 4 – TSR, the Recreation TWG participants determined that additional "high value" study information was needed for three bypass reaches to assist in the development and evaluation of potential license conditions. These reaches are identified as: (1) Middle Fork American River – French Meadows Dam to Middle Fork Interbay; (2) Middle Fork American River – Middle Fork Interbay Dam to Ralston Afterbay; and (3) Rubicon River – Ellicott Bridge to Ralston Afterbay. The location of these reaches is shown on Map 1.

To address this interest PCWA developed a Revised Whitewater Boating Flow Study Proposal – Bypass Reaches, dated July 23, 2009. This proposal was discussed with the Recreation TWG during a meeting held on August 3, 2009. This proposal was approved by the Recreation TWG with the understanding that specific study dates would be determined in consultation with the Recreation TWG. The Revised

Whitewater Boating Flow Study Proposal was subsequently included in PCWA's 2009 Updated Study Report, which was filed with the FERC on January 21, 2010 (PCWA 2010).

The Revised Whitewater Boating Flow Study Proposal called for single-flow boating studies to be conducted on the three bypass reaches identified above during the winter of 2009 and/or the spring/summer of 2010. PCWA subsequently conducted a single - flow whitewater boating study on the Middle Fork American River, Middle Fork Interbay Dam to Ralston Afterbay Reach on Saturday, May 8, 2010. Another single - flow study was conducted on the Middle Fork American River, French Meadows Dam to Middle Fork Interbay Reach, on Saturday, May 22, 2010. The results of these studies are documented in the, REC 4 – Contingency Whitewater Boating Study TSR dated August 2010, which is available in SD-B of PCWA's FLA (PCW 2011; SD B).

The Revised Whitewater Boating Flow Study Proposal (PCWA 2010) stated that the Rubicon River whitewater boating flow study would be conducted on a "spill or high runoff event" during the winter of 2009 or spring/summer of 2010. Flows necessary to conduct a boating study on the Rubicon River were not present during the winter of 2009 or spring/summer of 2010. The information presented in the Technical Study Report, REC 4 – Contingency Whitewater Boating Study (PCWA 2011; SD B) relied on the existing information presented in the REC 4 – TSR, supplemented with information obtained through additional consultation with experienced, local boaters.

The Recreation TWG participants continued to express an interest in conducting an on-the-water boating study in the Rubicon River between Ellicott Bridge and Ralston Afterbay to refine the boatable flow range estimates. Heavy precipitation during the spring of 2011 caused Hell Hole Reservoir to spill, which provided boatable flows in the Rubicon River. The 2011 spill event provided an opportunity for PCWA and the whitewater boating community to develop additional flow preference information for the Rubicon River. The flow preference information was developed by: (1) surveying boaters who ran the Rubicon River during the spill event using a web-based on-line survey; and (2) conducting a follow-up focus group meeting. This information was used to identify the minimum acceptable, optimum, and maximum acceptable boating flows for the Rubicon River from Ellicott River to Ralston Afterbay. These efforts are described further in this report.

3.0 STUDY OBJECTIVE

The overall objective of the study was to determine the minimum acceptable boating flow for the Rubicon River from Ellicott Bridge to Ralston Afterbay. Although not the primary objective, information about optimum and maximum acceptable boating flows was also developed.

4.0 STUDY AREA

The study area includes the Rubicon River from Ellicott Bridge and Ralston Afterbay. The study area is shown on Map 2 along with river miles.

5.0 STUDY APPROACH

The 2011 spill event provided an opportunity for PCWA and the whitewater boating community to develop additional flow preference information for the Rubicon River from Ellicott Bridge and Ralston Afterbay. Rainfall and snow condition measurements taken during the winter of 2011 indicated a very high probability that Hell Hole Reservoir would spill during the spring. Therefore, PCWA began coordinating with American Whitewater (AW) and Recreation TWG representatives to organize a boating study team to conduct a single-flow study on the Rubicon River.

PCWA regularly monitored flow conditions in the Rubicon River throughout the spring and Hell Hole Reservoir began spilling on June 8, 2011. PCWA provided the boating study team, AW, and Recreation TWG representatives with daily flow information from the Rubicon River Gage at Ellicott Bridge and from the Rubicon River above Ralston Afterbay Gage so that they could also monitor flows and could mobilize when flows were near the target range.

The initial target flow range was 500 cfs – 800 cfs, which was the flow range identified in the Revised Whitewater Boating Flow Study Proposal – Bypass Reaches (PCWA 2010). During the spill event, several people boated on the Rubicon River and provided PCWA with feedback about their boating experience. Based on this feedback it was apparent that the higher end of the target flow range would not provide useful information that could be used to determine the minimum acceptable boating flow. Based on this feedback, and in consultation with AW, whitewater boaters, and other interested stakeholders, the target flow range for the boating study was refined downward to 450 to 500 cfs.

PCWA continued to monitor flow conditions on a daily basis. When flows appeared to be trending towards the target flow range, flows were monitored twice daily, at a minimum. During the 2011 spill event, flows in the study reach were above 800 cfs from June 9th to July 8th. After July 8th the flow decreased rapidly. On July 9th (8:00 am), the flow at Ellicott Bridge was 652 cfs and by July 11th (8:00 am), the flow had decreased to 312 cfs (too low to conduct the boating study). The flows on the Rubicon River as measured at Ellicott Bridge and above Ralston Afterbay during the spill event are shown on Figure 1.

Flow in the Rubicon River fell through the target range too quickly to mobilize a two-day[1] on-the-water boating study. However, because PCWA had been disseminating spill event notifications and daily flow reports for the Rubicon River at Ellicott Bridge and above Ralston Afterbay, the boating community had reliable flow information to plan boating trips. As a result, numerous boating trips occurred on the study reach over a wide range of flows, including at (and below) the target flow range. These trips were not associated with the formal boating study, but due to on-going dialog between PCWA, AW and the local boating community, most of the boaters were aware of the proposed study and the need to collect flow preference information. PCWA, AW, and REC TWG

[1] The Rubicon River – Ellicott Bridge to Ralston Afterbay is considered to be a minimum two-day wilderness run due to the length of the reach, difficulty, and the remoteness of the Rubicon River canyon.

representatives collectively decided to survey these boaters to develop information about boating flow preferences on the Rubicon River. The survey was posted on the internet and the data developed through the surveys was subsequently discussed and refined with a focus group, as described in the following sections.

5.1 WEB-BASED SURVEYS

PCWA in consultation with AW and the REC TWG representatives developed an on-line boating survey form and posted the form on the internet. The on-line boating survey was targeted at boaters who had run the Rubicon River during the 2011 spill event, primarily so the survey responses could be correlated to measured flows at the time the reach was boated. The initial list of boaters was provided by AW and Recreation TWG representatives.

The survey form was developed in consultation with Dave Steindorf (AW representative) and Ms. Hilde Schwietzer (REC TWG representative). The on-line survey form was based on the Single - Flow Evaluation Form that was used for the other bypass and peaking reach boating studies completed for the MFP relicensing, revised to accommodate on-line response formats and to simplify the survey form so it could be completed without guidance. A blank survey form is provided in Appendix A.

The online survey was designed to collect information about the following topics:

- Respondent's whitewater boating experience;
- Boating trip information;
- Overall nature and character of the resource;
- Difficulty of the whitewater (initial class rating based on the International Scale of River Difficulty Classification System);
- Flow conditions as related to navigability, safety, and recreational values;
- Estimates of Minimum Acceptable, Optimum, and Maximum Acceptable flow thresholds.

The on-line survey from was posted, and responses collected, by Survey Monkey, a commercial web-site specializing in the development, distribution, and collection of on-line surveys and data (http://www.surveymonkey.com/). The survey form was posted on July 15, 2011 and was "live" through August 8, 2011. Boaters were noticed of the on-line flow survey by e-mail and through postings on www.boof.com[2] and on the AW website. A total of 59 surveys were completed during this period by a total of 51 boaters. (Note that some boaters ran multiple trips and therefore completed multiple surveys.) Flows during the period covered by the surveys range from a low of approximately 290 cfs to a high of 1,400 cfs. A hydrograph showing the flows on the Rubicon River during the survey period is provided on Figure 2.

[2] www.boof.com is a popular online boating forum that is extensively utilized by the whitewater boating community to share information.

5.1.1 Analysis of Survey Data

The survey forms were downloaded and the survey data on the forms was entered into an Excel spreadsheet, reviewed, and analyzed. Put-in flow estimates for each boating trip were developed by correlating boating trip start dates and times provided from the survey to the measured flow data at Ellicott Bridge. It should be noted that there is sometimes a range in put-in flows within multi-boater trips due to variations in the times that each respondent indicated that they put-in. Survey responses were analyzed by boating trip flow range. The flow range categories are[3]:

- 216 cfs (n=1)
- 291–305 cfs (n=9)
- 575–616 cfs (n=7)
- 634–648 cfs (n=7)
- 783–798 cfs (n=2)
- 860–888 cfs (n=9)
- 907–945 cfs (n=15)
- 989–994 cfs (n-2)
- 1044–1416 cfs (n=6)

The data were then compiled to develop boater and boating trip characteristics, flow characteristic evaluations, and estimates of minimum acceptable, optimum, and maximum acceptable boatable flow ranges.

5.2 FOCUS GROUP MEETING

After tabulating and analyzing the survey data, PCWA conducted a focus group meeting to discuss and refine the survey results. Participation in the focus group meeting was limited to boaters that had run the study reach during the 2011 spill event, and to AW and Recreation TWG representatives. PCWA emailed invitation letters to those on the initial flow study list provided by AW as well as those who participated in the on-line survey. The focus group invitation and agenda are provided in Appendix B.

The follow-up focus group meeting was held on the evening of August 15, 2011 at PCWA's headquarters in Auburn California. A conference call line and a WebEx connection were also provided for those who could not attend the meeting in person. A total of 21 people were present at the meeting, including four people who participated by conference call. A list of meeting participants is provided in Appendix B.

The primary objective of the focus group meeting was to develop a consensus regarding the minimum acceptable boating flow range for the Rubicon River from – Ellicott Bridge to Ralston Afterbay using the data collected through the on-line surveys. Although not the primary objective, information about optimum and maximum acceptable boating flow ranges developed through the surveys was also discussed. To support the discussion, the focus group participants were provided with summaries of

[3] A total of 59 on-line surveys were completed. However, one survey did not include put-in date and time information so this survey could not be used to estimate put-in flow. Therefore, *n* for flow range categories = 58.

the following information: 2011 spill event hydrology; boating trip put-in dates and estimated put-in flows; and, summaries of the survey data organized by flow range. The group discussed the challenges of establishing the minimum, optimum, and maximum flow ranges and eventually came to consensus on the flow range thresholds during the meeting.

6.0 STUDY RESULTS

This section first describes the results of the on-line survey effort, followed by a discussion of the results as refined by the focus group participants.

6.1 WEB-BASED SURVEY RESULTS

PCWA analyzed the whitewater boating surveys collected between July 15 and August 8, 2011. A total of 59 surveys were collected. Copies of the completed survey forms are provided in Appendix C. Note that personal information such as names and contact information has been concealed to protect the privacy of the respondents.

Data provided on the survey forms indicate that the survey respondents boated the Rubicon River at flows ranging from a low of 216 cfs to a high of 1,416 cfs. The low flow of 216 cfs was linked to incorrect put-in date information and was later revised upward to 290 cfs based on information provided by the survey respondent during the focus group meeting. Boating trip start dates and times as documented on the survey forms are summarized on Table 1. Estimated put-in flows at Ellicott Bridge as derived from the start dates and times are summarized on Table 2. Trip put-in dates are graphically depicted on Figure 2 relative to flow on the Rubicon River during the survey period.

Boater and trip characteristics as derived through the survey forms are summarized on Table 3. The summary statistics indicate:

- All of the boaters who participated in the survey had a boating skill level of Class 5 or higher;
- 92.2% of the boaters were in hard-shell kayaks;
- The majority of survey respondents (62.3%) had not boated the Rubicon River previously;
- The majority of survey respondents (92.3%) rated the run as Class 5 on the International Scale of Difficulty;
- Almost all of the boating trips (98.1%) were two or more days.

Table 4 summarizes the survey responses regarding specific flow characteristics, organized by put-in flow at Ellicott Bridge. Responses regarding flow characteristics varied widely. In general, specific flow characteristics improved as flow increased. One notable consistency was observed. When asked “would you return to boat the Rubicon River again at the flow you boated during this trip”, all (n = 28) of the respondents who put-in at flows ranging from about 780 to 995 cfs responded “yes”.

Table 5 summarizes the survey responses regarding minimum acceptable, optimum, and maximum acceptable flow estimates, organized by put-in flow at Ellicott Bridge.

The data indicate that minimum acceptable, optimum, and maximum acceptable flow range preferences vary widely. In general, the boaters who put-in at higher flows preferred higher minimum acceptable and optimum flows. This variation is most noticeable in the responses provided by the boaters who put in at flows of 1,000 cfs or higher. In some cases, these boaters identified minimum acceptable flows that exceed the maximum acceptable flows identified by other boaters. This trend was also reflected in the estimates of the optimum flow range. The estimates for minimum acceptable, optimum, and maximum acceptable boating flow ranges as derived through the on-line survey data are graphically depicted on Figure 3, Figure, 4, and Figure 5, respectively. Figure 6 presents the same information combined into one graph.

6.2 FOCUS GROUP MEETING RESULTS

A focus group meeting was held on August 15, 2011 to discuss the survey results. The meeting participants indicated that flow preferences are difficult to determine because they are tied to other opportunity considerations. For example, a decision to boat the Rubicon River may be affected by boating opportunities available on other comparable, nearby rivers, regardless of flow. The meeting participants also indicated that flow range estimates reflect personal experiential objectives, resulting in the large variation in responses observed in the survey data.

The minimum acceptable, optimum, and maximum acceptable boatable flow ranges for kayaks and rafts that were developed in consultation with the focus group participants are summarized below. These flow ranges were developed after review and considerable discussion of the on-line survey results.

Rubicon River: Ellicott Bridge to Ralston Afterbay		
Flow	**Flow Range (cfs)**	
	Kayaks	**Rafts**
Minimum Acceptable Flow	500–600 at put-in	875–900 at put-in
Optimum Flow	700–1,000 at put-in	1,000–1,200 at put-n
Maximum Acceptable Flow	1,500–1,800 at put-in	1,500–1,800 at put-in

In addition to the above flow ranges, two other flow thresholds were discussed during the focus group meeting, as follows:

- At flows greater than 1,100 cfs, the Rubicon River takes on “big water” boating characteristics.

- At flows lower that 700 - 800 cfs, the Rubicon River transitions from a “standard boating trip” to a “low-water technical boating trip”.

These differentiations were highlighted by the focus group participants to underscore the effect flows have on the experiential aspects of the resource.

7.0 LITERATURE CITED

Placer County Water Agency (PCWA). 2007. Pre-Application Document (PAD). Filed with FERC December 13, 2007.

_____. 2010. 2009 Study Implementation Progress Report for the Middle Fork American River Project (FERC Project No. 2079) per 18 CFR § 5.15 (c)(1).

_____. 2011. Application for New License. Filed with FERC February 23, 2011.

TABLES

Table 1. Rubicon River Whitewater Boating Flow Study On-Line Survey – Trip Dates and Times.

What was the date of your put-in?	**What time did you put-in (indicate AM or PM)?**	**Was this a single-day or multiple-day trip?**				**If your trip was a single-day, what time did you take-out (indicate AM or PM)?**	**If your trip was more than one day please provide the approximate times for put-in and take-out (indicate AM or PM).**						
Open-Ended Response	*Open-Ended Response*	*Single-day trip - Length of Trip*	*Two-day trip - Length of Trip*	*Three-day trip - Length of Trip*	*More than three-day trip - Length of Trip*	*Open-Ended Response*	*Day 1 Take-out time*	*Day 2 Put-in time*	*Day 2 Take-out time*	*Day 3 Put-in time*	*Day 3 Take-out time*	*Day 4 Put-in time*	*Day 4 Take-out time*
July 6th	1130 AM		1				7:00:00 PM	07/26/2011	07/26/2011				
July 1st	2:00:00 PM		1				6:00:00 PM	07/26/2011	07/26/2011				
07/09/2011	2:00:00 PM		1				5:30:00 PM	07/26/2011	07/26/2011				
07/09/2011	10:40AM on the water after the hike		1				5PM - with a very long lunch	07/26/2011	07/26/2011				
May 7th	~3PM		1				5:30:00 PM	~10AM	~2PM				
07/02/2011	~2PM		1				5:00:00 PM	07/26/2011	07/26/2011				
07/09/2011	10:30:00 AM		1				5:30:00 PM	07/26/2011	07/26/2011				
Late June a day before the big rain storm	PM			1			8:00:00 PM	10:00:00 AM	9:00:00 PM	7:00:00 AM	2:00:00 PM		
06/27/2011	5:30:00 PM				1		12:00:00 AM	830	1815	830	1530	830	1800
07/07/2011	12:00:00 PM		1				6:00:00 PM	9:00:00 AM	11:00:00 AM				
06/27/2011	4:00:00 PM			1			7:30:00 PM	10:30:00 AM	8:30:00 PM	7:30:00 AM	2:00:00 PM		
05/07/2011	3:00:00 PM		1				6:00:00 PM	10:00:00 AM	4:00:00 PM				
07/09/2011	10:30:00 AM		1				6:00:00 PM	10:00:00 AM	5:00:00 PM				
07/16/2011	930-10AM	1				3:00:00 PM							
07/09/2011	3:30:00 PM		1				6:00:00 PM	9:00:00 AM	5:30:00 PM				
06/27/2011	4:00:00 PM			1			7:00:00 PM	9:30:00 AM	7:30:00 PM	7:30:00 AM	12:00:00 PM		
07/07/2011	12:30:00 PM		1				6:20:00 PM	9:30:00 AM	11:30:00 AM				
06/09/2011	10:40:00 AM		1				5:30:00 PM	9:40:00 AM	4:00:00 PM				
07/09/2011	12:00:00 AM		1				6:30:00 AM	10:30:00 AM	12:00:00 AM				
06/27/2011	5:30:00 PM				1	n/a	6:30:00 PM	8:30:00 AM	6:15:00 PM	8:30:00 AM	3:30:00 PM	8:30:00 AM	5:00 PM/ 9:00AM-3:00PM
06/28/2011	12:00:00 PM				1		12:00:00 AM	layover	layover	12:00:00 AM	12:00:00 AM	Hiked out and returned two days later, took two more days	put in at 1200 takout at 2030, put in at 0730 took out at 1530
07/09/2011	2:00:00 PM		1			n/a	6:00:00 PM	10:00:00 AM	5:00:00 PM				
05/07/2011	3:00:00 PM		1				6:30:00 PM	10:00:00 AM	2:00:00 PM				
07/02/2011	2:00:00 PM		1				5:00:00 PM	11:00:00 AM	2:00:00 PM				
May 7th	About 3 PM on May 7th and about 5 PM on July 1st.		1				5:00:00 PM	9:00:00 AM	4:00:00 PM				
July 1st, 2011	5:00:00 PM		1				6:30:00 PM	10:00:00 AM	4:00:00 PM				
05/06/2011	12:00:00 PM		1										
07/09/2011	11:00:00 AM		1				7:00:00 PM	8:00:00 AM	12:30:00 PM				
07/09/2011	11:00:00 AM		1				7:00:00 PM	7:00:00 AM	11:00:00 AM				
07/02/2011	3:00:00 PM		1				6:00:00 PM	9:00:00 AM	3:00:00 PM				
07/02/2011	PM			1									
07/02/2011	PM			1									
07/01/2011	11:00:00 AM		1				4:00:00 PM	10:00:00 AM	5:00:00 PM				
07/09/2011	3:30:00 PM		1				5:30:00 PM	10:00:00 AM	4:00:00 PM				
3rd of July, 6th of July	3:00:00 PM		1				6:00:00 PM	10:00:00 AM	2:00:00 PM				
Late June... a few days after it spiked on everyone...	5:00:00 PM		1				5:00:00 PM	9-10AM	2-3PM				
07/01/2011	530.PM		1				7:00:00 PM	10:00:00 AM	4:00:00 PM				
Early May	PM		1				5:00:00 PM	9:00:00 AM	3:00:00 PM				
April-May 2006?	12:00:00 PM		1				camped at 5PM?	8AM?	3:00:00 PM				
3-4 days after flow study crew were flashed on	4:00:00 PM		1				6:00:00 PM	10:00:00 AM	4:00:00 PM				
July 1st and July 5th	PM		1			trip 1. 4PM trip 2. 5PM	trip 1. 7.30PM trip 2 7.00PM	trip 1.11AM trip 2 11.30AM	trip 1. 4PM trip 2 3.30PM				
07/09/2011	2:00:00 PM		1				6:00:00 PM	10:00:00 AM	4:00:00 PM				
06/28/2011	11:00:00 AM		1				3:00:00 PM	12:00:00 AM	12:00:00 AM				
07/02/2011	2:00:00 PM		1				12:00:00 AM	12:00:00 AM	12:00:00 AM				
07/12/2011	1:00:00 PM		1				730 PM	9:00:00 AM	5:00:00 PM				
07/07/2011	12:39:00 PM		1				6:00:00 PM	9:00:00 AM	12:00:00 PM				
06/27/2011	4:00:00 PM		1				8:30:00 PM	9:00:00 AM	4:00:00 PM				
07/03/2011	2:00:00 PM		1				5:00:00 PM	10:00:00 AM	4:00:00 PM				
07/09/2011	2:00:00 PM		1				5:00:00 PM	10:00:00 AM	5:00:00 PM				
June 30th 2011 ??	Noon		1				5:00:00 PM	9:00:00 AM	2:00:00 PM				
May 7th, 2011	4:00:00 PM		1				6:30:00 PM	9:00:00 AM	4:00:00 PM				
July 9th, 2011	11:00:00 AM		1				5:00:00 PM	9:00:00 AM	4:00:00 PM				
07/05/2011	PM		1				PM	AM	PM				
07/09/2011	4:00:00 PM		1				7:00:00 PM	10:00:00 AM	4:00:00 PM				
07/03/2011	6:00:00 PM				1		8:00:00 PM	8:00:00 AM	4:00:00 PM	8:00:00 AM	4:00:00 PM	8:00:00 AM	6:00:00 PM
05/07/2011	PM		1										
June 30, July 4	12 noon		1				5:00:00 PM	10:00:00 AM	4:00:00 PM				
4th July 2011	2:30:00 PM		1				7:00:00 PM	10:00:00 AM	5:00:00 PM				
06/27/2011	PM			1			7:00:00 PM	9:00:00 AM	6:00:00 PM	7:00:00 AM	2:00:00 PM		
July 1st and July 5th	PM		1			trip 1. 4PM trip 2. 5PM	trip 1. 7.30PM trip 2 7.00PM	trip 1. 11AM trip 2 11.30AM	trip 1. 4PM trip 2 3.30PM				

Table 2. Rubicon River Whitewater Boating Flow Study On-Line Survey – Estimated Flows During Boating Trips based on Put-in Dates and Times.

Day 1 Put-in flow (cfs)	Day 1 Take-out flow (cfs)	Day 2 Put-in flow (cfs)	Day 2 Take-out flow (cfs)	Day 3 Put-in flow (cfs)	Day 3 Take-out flow (cfs)	Day 4 Put-in flow (cfs)	Day 4 Take-out flow (cfs)	*n*	Avg, Day 1 Put-in Flow (cfs)
216	377	403	568					1	216
291	509	545	761					9	295
291	509	545	744						
291	509	545	761						
291	509	551	744						
291	509	551	744						
291									
301									
305									
305	242	350							
575	597	503	521					7	605
598	618	508	517						
598	627	503	521						
616	627	503	517						
616	618	503	517						
616	618	503	521						
616	627	503	517						
634	618	503	548					7	643
640	597	513	548						
640	597	520	552						
640	627	508	521						
648	684	508	517						
648	627	503	517						
648	618	503	517						
783	772	942	980					2	822
860	987	1099	1112						
860	968	1099	1112					9	870
860	937	890	906						
860	956	1099	1119	1092	937				
860	913	881	928						
865	864	836	861						
865	864	836	861						
865	864	836	867						
888	968	1086	1112						
907	980	1182	1226						

Table 2. Rubicon River Whitewater Boating Flow Study On-Line Survey – Estimated Flows During Boating Trips based on Put-in Dates and Times (continued).

Day 1 Put-in flow (cfs)	Day 1 Take-out flow (cfs)	Day 2 Put-in flow (cfs)	Day 2 Take-out flow (cfs)	Day 3 Put-in flow (cfs)	Day 3 Take-out flow (cfs)	Day 4 Put-in flow (cfs)	Day 4 Take-out flow (cfs)	*n*	Avg, Day 1 Put-in Flow (cfs)
907								15	928
907									
907	986	1099	1156						
916	987	1130	1088						
921	988	1159	1226						
921	988	1140	1252						
921	955	1159	1021						
926	1007	1222	1278	1494	3705	2224	1609		
926	1051	1222	1278	1494	3705				
931	1009	1099	1175						
935	973	1083	1137						
945	1019	1213	1245	1402	2192				
945	1019	1218	1245	1402	1745				
945	1011	1218	1304						
964	1019	1218	1245						
989	1039	1099	1088					2	991
994	1140	1608	2278						
1044	1213	1745	1385	2126	1849			6	1213
1069	1206								
1090	1187	1745	4275						
1245	1337	1618	1805						
1416	1533	1259	1291						
1416	1533	1224	1219						

[1]Flow and Time Calculations:

On all trips, the Day 1 put-in flow is flow measured at Ellicott based on respondents stated put-in time. Take-out on a 1 day trip is based on flow at gage above Ralston Afterbay minus 4 hour travel time.

For multi-day trips, all mid-river flow calculations (day 1 take-out, day 2 put-in, day 2 take-out, etc) is based on the average flow between Ellicott and Above Ralston minus a 2 hour travel time. The last day take out is based on the flow at the gage above RalstonAfterbay minus a 4 hour travel time.

Table 3. Rubicon River Whitewater Boating Flow Study On-Line Survey – Boater and Boating Trip Characteristics Summary.

Survey Question	Survey Responses (n=51)
How many years have you been whitewater boating?	Average = 14.2 Maximum = 40 Minimum = 3
On average, about how many times a year do you boat?	Average = 91.5 Maximum = 300 Minimum = 17
What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)	Class 3 = 0% Class 4 = 0% Class 4+ = 0% Class 5- = 15.4% Class 5 = 44.2% Class 5+ = 40.4%
How would you best describe the "type" of boating you prefer?	Single-day recreational trips = 0% Multiple-day recreational trips = 1.9% Both multiple-day and single day recreational trips = 23.1% Multiple-day "expedition" trips = 13.5 “Exploratory" single-day or multiple-day river trips = 3.8% All of the above - no specific preference = 57.7%
Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?	No = 62.3% Yes = 37.7% Average number of times boated previously = 1.7
Where did you put-in?	Hell Hole Dam = 11.5% Ellicott Bridge = 88.5%
What type of boat did you use?	Kayak = 92.2% Raft = 2.0% Cata-raft = 5.8% Inflatable kayak = 0%
Was this a single-day or multiple-day trip?	Single-day trip = 1.9% Two-day trip = 88.8% Three-day trip = 9.6% More than three-day trip = 7.7%
Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)	Class IV = 0% Class IV+ = 7.7% Class V- = 30.8% Class V = 53.8 Class V+ = 7.7%

Table 4. Rubicon River Whitewater Boating Flow Study On-Line Survey – Flow Characteristics Evaluation Summary.

Put-in Flow at Ellicott Bridge - 216 cfs (n=1)

Rating Scales:

Highly Unacceptable	*Moderately Unacceptable*	*Moderately Acceptable*	*Highly Acceptable*
1	**2**	**3**	**4**

Highly Unsatisfied	*Moderately Unsatisfied*	*Moderately Satisfied*	*Highly Satisfied*
1	**2**	**3**	**4**

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	**2**	**3**	**4**	**5**

Rate the following characteristics at the flow you boated during this trip	**Average Rating**
Overall Boatability	2
Availability of challenging technical boating	3
Availability of powerful hydraulics	2
Availability of "play areas"	2
Overall whitewater "challenge"	3
Safety	2
Rate of travel	4
Number of scouts	4
Number of portages	4

Rate your overall satisfaction with the flow you boated	**Average Rating**
	2

In general, would you prefer a flow that was higher, lower, or about the same as the flow you boated during this trip?	**Average Rating**
	4

Would you return to boat the Rubicon River again at the flow you boated during this trip?	**Number of Reponses**	**Response Percentage**
Yes	0	0
No	1	100
Possibly	0	0

Table 4. Rubicon River Whitewater Boating Flow Study On-Line Survey – Flow Characteristics Evaluation Summary.

Put-in Flow at Ellicott Bridge - 291 - 305 cfs (n=9)

Rating Scales:

Highly Unacceptable	*Moderately Unacceptable*	*Moderately Acceptable*	*Highly Acceptable*
1	**2**	**3**	**4**

Highly Unsatisfied	*Moderately Unsatisfied*	*Moderately Satisfied*	*Highly Satisfied*
1	**2**	**3**	**4**

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	**2**	**3**	**4**	**5**

Rate the following characteristics at the flow you boated during this trip	**Average Rating**
Overall Boatability	2.4
Availability of challenging technical boating	2.6
Availability of powerful hydraulics	2.4
Availability of "play areas"	2.0
Overall whitewater "challenge"	2.4
Safety	2.4
Rate of travel	3.0
Number of scouts	3.4
Number of portages	3.3

Rate your overall satisfaction with the flow you boated	**Average Rating**
	2.3

In general, would you prefer a flow that was higher, lower, or about the same as the flow you boated during this trip?	**Average Rating**
	4.4

Would you return to boat the Rubicon River again at the flow you boated during this trip?	**Number of Reponses**	**Response Percentage**
Yes	1	11.2
No	4	44.4
Possibly	4	44.4

Table 4. Rubicon River Whitewater Boating Flow Study On-Line Survey – Flow Characteristics Evaluation Summary.

Put-in Flow at Ellicott Bridge - 575 - 616 cfs (n=7)

Rating Scales:

Highly Unacceptable	*Moderately Unacceptable*	*Moderately Acceptable*	*Highly Acceptable*
1	**2**	**3**	**4**

Highly Unsatisfied	*Moderately Unsatisfied*	*Moderately Satisfied*	*Highly Satisfied*
1	**2**	**3**	**4**

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	**2**	**3**	**4**	**5**

Rate the following characteristics at the flow you boated during this trip	**Average Rating**
Overall Boatability	3.0
Availability of challenging technical boating	3.3
Availability of powerful hydraulics	3.0
Availability of "play areas"	2.2
Overall whitewater "challenge"	3.3
Safety	3.3
Rate of travel	3.4
Number of scouts	3.7
Number of portages	3.7

Rate your overall satisfaction with the flow you boated	**Average Rating**
	2.7

In general, would you prefer a flow that was higher, lower, or about the same as the flow you boated during this trip?	**Average Rating**
	4.1

Would you return to boat the Rubicon River again at the flow you boated during this trip?	**Number of Reponses**	**Response Percentage**
Yes	3	42.9
No	1	14.3
Possibly	3	42.9

Table 4. Rubicon River Whitewater Boating Flow Study On-Line Survey – Flow Characteristics Evaluation Summary.

Put-in Flow at Ellicott Bridge - 634 - 648 cfs (n=7)

Rating Scales:

Highly Unacceptable	*Moderately Unacceptable*	*Moderately Acceptable*	*Highly Acceptable*
1	**2**	**3**	**4**

Highly Unsatisfied	*Moderately Unsatisfied*	*Moderately Satisfied*	*Highly Satisfied*
1	**2**	**3**	**4**

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	**2**	**3**	**4**	**5**

Rate the following characteristics at the flow you boated during this trip	**Average Rating**
Overall Boatability	3.3
Availability of challenging technical boating	3.6
Availability of powerful hydraulics	3.3
Availability of "play areas"	2.4
Overall whitewater "challenge"	3.4
Safety	3.1
Rate of travel	3.3
Number of scouts	3.0
Number of portages	3.0

Rate your overall satisfaction with the flow you boated	**Average Rating**
	2.7

In general, would you prefer a flow that was higher, lower, or about the same as the flow you boated during this trip?	**Average Rating**
	4.1

Would you return to boat the Rubicon River again at the flow you boated during this trip?	**Number of Reponses**	**Response Percentage**
Yes	3	42.9
No	1	14.2
Possibly	3	42.9

Table 4. Rubicon River Whitewater Boating Flow Study On-Line Survey – Flow Characteristics Evaluation Summary.

Put-in Flow at Ellicott Bridge - 783 -798 cfs (n=2)

Rating Scales:

Highly Unacceptable	*Moderately Unacceptable*	*Moderately Acceptable*	*Highly Acceptable*
1	**2**	**3**	**4**

Highly Unsatisfied	*Moderately Unsatisfied*	*Moderately Satisfied*	*Highly Satisfied*
1	**2**	**3**	**4**

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	**2**	**3**	**4**	**5**

Rate the following characteristics at the flow you boated during this trip	**Average Rating**
Overall Boatability	4.0
Availability of challenging technical boating	4.0
Availability of powerful hydraulics	4.0
Availability of "play areas"	2.5
Overall whitewater "challenge"	3.5
Safety	3.0
Rate of travel	3.5
Number of scouts	3.5
Number of portages	3.5

Rate your overall satisfaction with the flow you boated	**Average Rating**
	3.5

In general, would you prefer a flow that was higher, lower, or about the same as the flow you boated during this trip?	**Average Rating**
	2.5

Would you return to boat the Rubicon River again at the flow you boated during this trip?	**Number of Reponses**	**Response Percentage**
Yes	2	100
No	0	0
Possibly	0	0

Table 4. Rubicon River Whitewater Boating Flow Study On-Line Survey – Flow Characteristics Evaluation Summary.

Put-in Flow at Ellicott Bridge - 860 - 888 cfs (n=9)

Rating Scales:

Highly Unacceptable	*Moderately Unacceptable*	*Moderately Acceptable*	*Highly Acceptable*
1	**2**	**3**	**4**

Highly Unsatisfied	*Moderately Unsatisfied*	*Moderately Satisfied*	*Highly Satisfied*
1	**2**	**3**	**4**

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	**2**	**3**	**4**	**5**

Rate the following characteristics at the flow you boated during this trip	**Average Rating**
Overall Boatability	4.0
Availability of challenging technical boating	4.0
Availability of powerful hydraulics	4.0
Availability of "play areas"	3.2
Overall whitewater "challenge"	4.0
Safety	3.6
Rate of travel	3.8
Number of scouts	3.9
Number of portages	3.9

Rate your overall satisfaction with the flow you boated	**Average Rating**
	4.0

In general, would you prefer a flow that was higher, lower, or about the same as the flow you boated during this trip?	**Average Rating**
	3.0

Would you return to boat the Rubicon River again at the flow you boated during this trip?	**Number of Reponses**	**Response Percentage**
Yes	9	100
No	0	0
Possibly	0	0

Table 4. Rubicon River Whitewater Boating Flow Study On-Line Survey – Flow Characteristics Evaluation Summary.

Put-in Flow at Ellicott Bridge - 907 - 945 cfs (n=15)

Rating Scales:

Highly Unacceptable	*Moderately Unacceptable*	*Moderately Acceptable*	*Highly Acceptable*
1	**2**	**3**	**4**

Highly Unsatisfied	*Moderately Unsatisfied*	*Moderately Satisfied*	*Highly Satisfied*
1	**2**	**3**	**4**

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	**2**	**3**	**4**	**5**

Rate the following characteristics at the flow you boated during this trip	**Average Rating**
Overall Boatability	3.9
Availability of challenging technical boating	4.0
Availability of powerful hydraulics	3.8
Availability of "play areas"	3.1
Overall whitewater "challenge"	4.0
Safety	3.3
Rate of travel	3.5
Number of scouts	3.7
Number of portages	3.7

Rate your overall satisfaction with the flow you boated	**Average Rating**
	4.0

In general, would you prefer a flow that was higher, lower, or about the same as the flow you boated during this trip?	**Average Rating**
	2.7

Would you return to boat the Rubicon River again at the flow you boated during this trip?	**Number of Reponses**	**Response Percentage**
Yes	15	100
No	0	0
Possibly	0	0

Table 4. Rubicon River Whitewater Boating Flow Study On-Line Survey – Flow Characteristics Evaluation Summary.

Put-in Flow at Ellicott Bridge - 989 - 994 cfs (n=2)

Rating Scales:

Highly Unacceptable	*Moderately Unacceptable*	*Moderately Acceptable*	*Highly Acceptable*
1	**2**	**3**	**4**

Highly Unsatisfied	*Moderately Unsatisfied*	*Moderately Satisfied*	*Highly Satisfied*
1	**2**	**3**	**4**

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	**2**	**3**	**4**	**5**

Rate the following characteristics at the flow you boated during this trip	**Average Rating**
Overall Boatability	4.0
Availability of challenging technical boating	4.0
Availability of powerful hydraulics	4.0
Availability of "play areas"	2.5
Overall whitewater "challenge"	4.0
Safety	3.5
Rate of travel	4.0
Number of scouts	4.0
Number of portages	4.0

Rate your overall satisfaction with the flow you boated	**Average Rating**
	4.0

In general, would you prefer a flow that was higher, lower, or about the same as the flow you boated during this trip?	**Average Rating**
	3.0

Would you return to boat the Rubicon River again at the flow you boated during this trip?	**Number of Reponses**	**Response Percentage**
Yes	2	100
No	0	0
Possibly	0	0

Table 4. Rubicon River Whitewater Boating Flow Study On-Line Survey – Flow Characteristics Evaluation Summary.

Put-in Flow at Ellicott Bridge - 1044 - 1416 cfs (n=6)

Rating Scales:

Highly Unacceptable	*Moderately Unacceptable*	*Moderately Acceptable*	*Highly Acceptable*
1	**2**	**3**	**4**

Highly Unsatisfied	*Moderately Unsatisfied*	*Moderately Satisfied*	*Highly Satisfied*
1	**2**	**3**	**4**

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	**2**	**3**	**4**	**5**

Rate the following characteristics at the flow you boated during this trip	**Average Rating**
Overall Boatability	3.8
Availability of challenging technical boating	3.8
Availability of powerful hydraulics	3.5
Availability of "play areas"	2.7
Overall whitewater "challenge"	3.8
Safety	3.6
Rate of travel	3.5
Number of scouts	3.7
Number of portages	3.7

Rate your overall satisfaction with the flow you boated	**Average Rating**
	3.4

In general, would you prefer a flow that was higher, lower, or about the same as the flow you boated during this trip?	**Average Rating**
	3.2

Would you return to boat the Rubicon River again at the flow you boated during this trip?	**Number of Reponses**	**Response Percentage**
Yes	2	33.3
No	1	16.7
Possibly	3	50.0

Table 5. Rubicon River Whitewater Boating Flow Study On-Line Survey – Minimum Acceptable, Optimum, and Maximum Acceptable Flow Estimates.

Put-in Flow at Ellicott Bridge - 216 cfs (n=1)

Rating Scale:

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	**2**	**3**	**4**	**5**

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	**Average Rating**
	4

Estimated Minimum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Minimum Acceptable Flow	600
Lowest Estimated Minimum Acceptable Flow	600
Highest Estimated Minimum Acceptable Flow	600

Based on the flow boated during this trip, what is your estimate of the "Optimal Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	5

Estimated Optimum Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Optimum Flow	1000
Lowest Estimated Minimum Optimum Flow	1000
Highest Estimated Minimum Optimum Flow	1000

Based on the flow boated during this trip, what is your estimate of the "Maximum Acceptable Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	5

Estimated Maximum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Maximum Acceptable Flow	1500
Lowest Estimated Maximum Acceptable Flow	1500
Highest Estimated Maximum Acceptable Flow	1500

Table 5. Rubicon River Whitewater Boating Flow Study On-Line Survey – Minimum Acceptable, Optimum, and Maximum Acceptable Flow Estimates.

Put-in Flow at Ellicott Bridge - 291 - 305 cfs (n=9)

Rating Scale:

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	**2**	**3**	**4**	**5**

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	**Average Rating**
	3.8

Estimated Minimum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Minimum Acceptable Flow	616
Lowest Estimated Minimum Acceptable Flow	450
Highest Estimated Minimum Acceptable Flow	800

Based on the flow boated during this trip, what is your estimate of the "Optimal Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	4.4

Estimated Optimum Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Optimum Flow	923
Lowest Estimated Minimum Optimum Flow	800
Highest Estimated Minimum Optimum Flow	1000

Based on the flow boated during this trip, what is your estimate of the "Maximum Acceptable Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	4.9

Estimated Maximum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Maximum Acceptable Flow	1224
Lowest Estimated Maximum Acceptable Flow	705
Highest Estimated Maximum Acceptable Flow	2000

Table 5. Rubicon River Whitewater Boating Flow Study On-Line Survey – Minimum Acceptable, Optimum, and Maximum Acceptable Flow Estimates.

Put-in Flow at Ellicott Bridge - 575 - 616 cfs (n=7)

Rating Scale:

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	**2**	**3**	**4**	**5**

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	**Average Rating**
	3.3

Estimated Minimum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Minimum Acceptable Flow	553
Lowest Estimated Minimum Acceptable Flow	350
Highest Estimated Minimum Acceptable Flow	750

Based on the flow boated during this trip, what is your estimate of the "Optimal Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	4.3

Estimated Optimum Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Optimum Flow	811
Lowest Estimated Minimum Optimum Flow	700
Highest Estimated Minimum Optimum Flow	900

Based on the flow boated during this trip, what is your estimate of the "Maximum Acceptable Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	4.9

Estimated Maximum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Maximum Acceptable Flow	1248
Lowest Estimated Maximum Acceptable Flow	925
Highest Estimated Maximum Acceptable Flow	1500

Table 5. Rubicon River Whitewater Boating Flow Study On-Line Survey – Minimum Acceptable, Optimum, and Maximum Acceptable Flow Estimates.

Put-in Flow at Ellicott Bridge - 634 - 648 cfs (n=7)

Rating Scale:

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	2	3	4	5

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	Average Rating
	3.2

Estimated Minimum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Minimum Acceptable Flow	590
Lowest Estimated Minimum Acceptable Flow	400
Highest Estimated Minimum Acceptable Flow	650

Based on the flow boated during this trip, what is your estimate of the "Optimal Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	4.0

Estimated Optimum Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Optimum Flow	871
Lowest Estimated Minimum Optimum Flow	700
Highest Estimated Minimum Optimum Flow	1000

Based on the flow boated during this trip, what is your estimate of the "Maximum Acceptable Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	5.0

Estimated Maximum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Maximum Acceptable Flow	1438
Lowest Estimated Maximum Acceptable Flow	1140
Highest Estimated Maximum Acceptable Flow	1750

Table 5. Rubicon River Whitewater Boating Flow Study On-Line Survey – Minimum Acceptable, Optimum, and Maximum Acceptable Flow Estimates.

Put-in Flow at Ellicott Bridge - 783 -798 cfs (n=2)

Rating Scale:

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	2	3	4	5

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	Average Rating
	1.5

Estimated Minimum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Minimum Acceptable Flow	590
Lowest Estimated Minimum Acceptable Flow	580
Highest Estimated Minimum Acceptable Flow	600

Based on the flow boated during this trip, what is your estimate of the "Optimal Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	2.5

Estimated Optimum Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Optimum Flow	740
Lowest Estimated Minimum Optimum Flow	680
Highest Estimated Minimum Optimum Flow	800

Based on the flow boated during this trip, what is your estimate of the "Maximum Acceptable Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	4.0

Estimated Maximum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Maximum Acceptable Flow	983
Lowest Estimated Maximum Acceptable Flow	983
Highest Estimated Maximum Acceptable Flow	983

Table 5. Rubicon River Whitewater Boating Flow Study On-Line Survey – Minimum Acceptable, Optimum, and Maximum Acceptable Flow Estimates.

Put-in Flow at Ellicott Bridge - 860 - 888 cfs (n=9)

Rating Scale:

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	2	3	4	5

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	Average Rating
	2.1

Estimated Minimum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Minimum Acceptable Flow	775
Lowest Estimated Minimum Acceptable Flow	560
Highest Estimated Minimum Acceptable Flow	865

Based on the flow boated during this trip, what is your estimate of the "Optimal Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	3.0

Estimated Optimum Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Optimum Flow	854
Lowest Estimated Minimum Optimum Flow	800
Highest Estimated Minimum Optimum Flow	865

Based on the flow boated during this trip, what is your estimate of the "Maximum Acceptable Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	3.9

Estimated Maximum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Maximum Acceptable Flow	1364
Lowest Estimated Maximum Acceptable Flow	860
Highest Estimated Maximum Acceptable Flow	2000

Table 5. Rubicon River Whitewater Boating Flow Study On-Line Survey – Minimum Acceptable, Optimum, and Maximum Acceptable Flow Estimates.

Put-in Flow at Ellicott Bridge - 907 - 945 cfs (n=15)

Rating Scale:

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	2	3	4	5

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	Average Rating
	2.0

Estimated Minimum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Minimum Acceptable Flow	735
Lowest Estimated Minimum Acceptable Flow	500
Highest Estimated Minimum Acceptable Flow	926

Based on the flow boated during this trip, what is your estimate of the "Optimal Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	2.8

Estimated Optimum Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Optimum Flow	923
Lowest Estimated Minimum Optimum Flow	800
Highest Estimated Minimum Optimum Flow	1026

Based on the flow boated during this trip, what is your estimate of the "Maximum Acceptable Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	3.7

Estimated Maximum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Maximum Acceptable Flow	1223
Lowest Estimated Maximum Acceptable Flow	807
Highest Estimated Maximum Acceptable Flow	1721

Table 5. Rubicon River Whitewater Boating Flow Study On-Line Survey – Minimum Acceptable, Optimum, and Maximum Acceptable Flow Estimates.

Put-in Flow at Ellicott Bridge - 989 - 994 cfs (n=2)

Rating Scale:

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	2	3	4	5

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	Average Rating
	2.5

Estimated Minimum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Minimum Acceptable Flow	990
Lowest Estimated Minimum Acceptable Flow	990
Highest Estimated Minimum Acceptable Flow	990

Based on the flow boated during this trip, what is your estimate of the "Optimal Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	2.5

Estimated Optimum Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Optimum Flow	895
Lowest Estimated Minimum Optimum Flow	800
Highest Estimated Minimum Optimum Flow	990

Based on the flow boated during this trip, what is your estimate of the "Maximum Acceptable Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	3.5

Estimated Maximum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Maximum Acceptable Flow	1345
Lowest Estimated Maximum Acceptable Flow	1300
Highest Estimated Maximum Acceptable Flow	1389

Table 5. Rubicon River Whitewater Boating Flow Study On-Line Survey – Minimum Acceptable, Optimum, and Maximum Acceptable Flow Estimates.

Put-in Flow at Ellicott Bridge - 1044 - 1416 cfs (n=6)

Rating Scale:

Much Lower Flow	*Slightly Lower Flow*	*About the Same Flow*	*Slightly Higher Flow*	*Much Higher Flow*
1	2	3	4	5

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	Average Rating
	2.5

Estimated Minimum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Minimum Acceptable Flow	1100
Lowest Estimated Minimum Acceptable Flow	700
Highest Estimated Minimum Acceptable Flow	1616

Based on the flow boated during this trip, what is your estimate of the "Optimal Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	3.2

Estimated Optimum Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Optimum Flow	1211
Lowest Estimated Minimum Optimum Flow	950
Highest Estimated Minimum Optimum Flow	1616

Based on the flow boated during this trip, what is your estimate of the "Maximum Acceptable Flow" - the lowest flow at which you would be willing to return to boat this reach	**Average Rating**
	4.0

Estimated Maximum Acceptable Flow **Based on actual flow at day-1 put-in time, or stated flow on the survey form.**	**Estimated Minimum Acceptable Flow (CFS)**
Average Estimated Maximum Acceptable Flow	1721
Lowest Estimated Maximum Acceptable Flow	1200
Highest Estimated Maximum Acceptable Flow	2290

FIGURES

Figure 1. Hydrograph for the Rubicon River – June 1, 2011 through July 11, 2011.

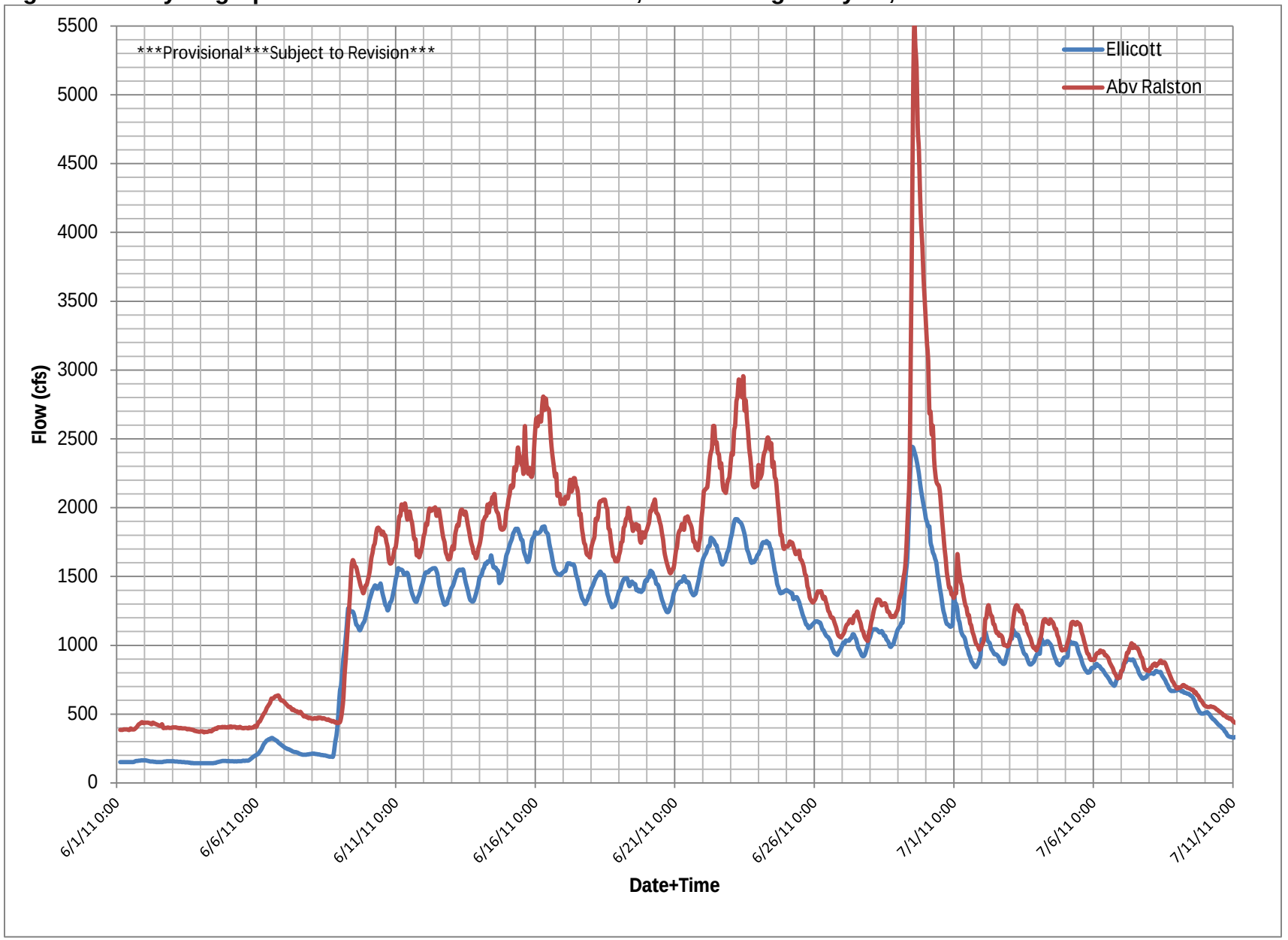


Figure 2. Hydrograph for the Rubicon River during Whitewater Boating Survey Period

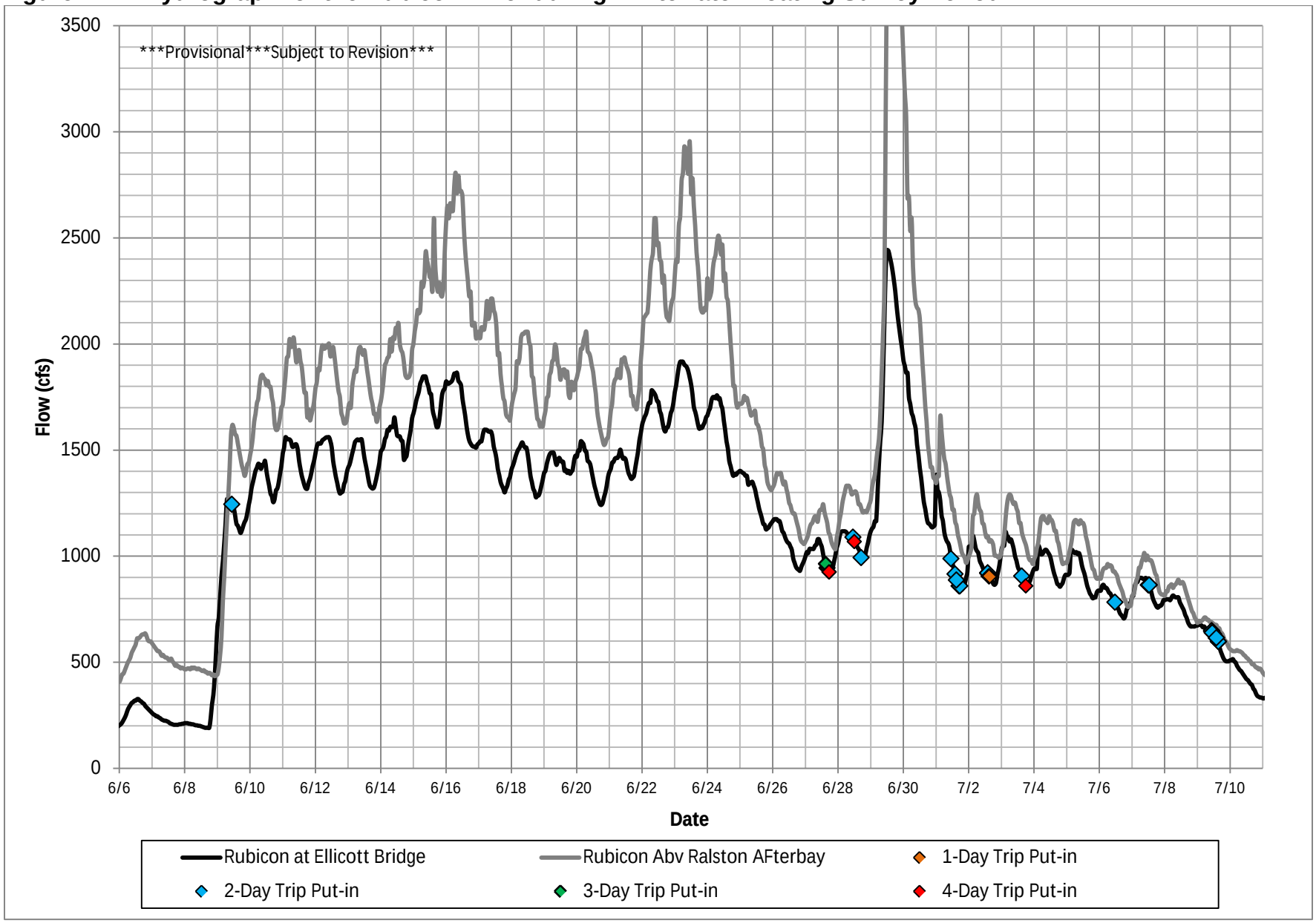


Figure 3. Minimum Acceptable Flow Range Graph.

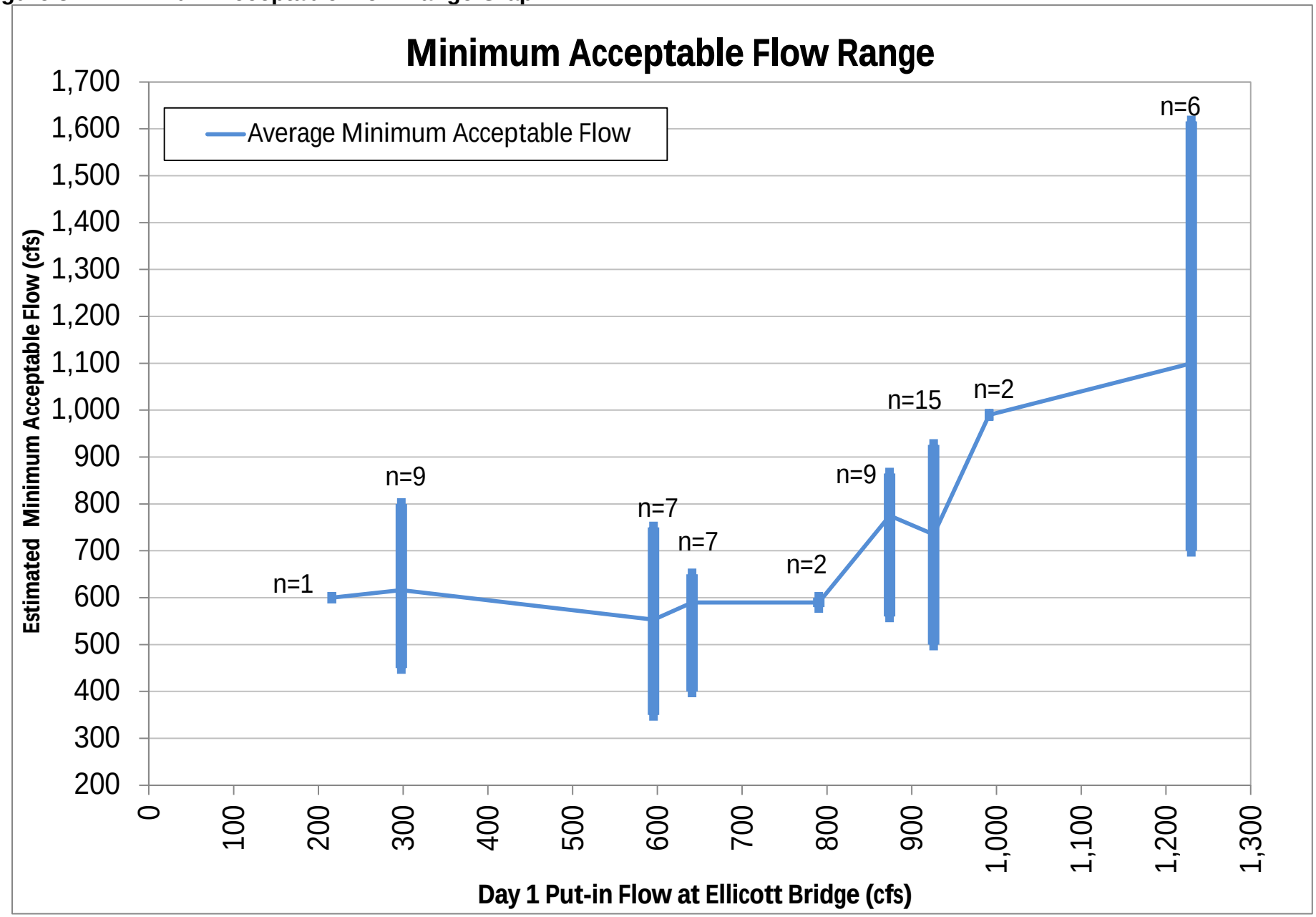


Figure 4. Optimum Flow Range Graph.

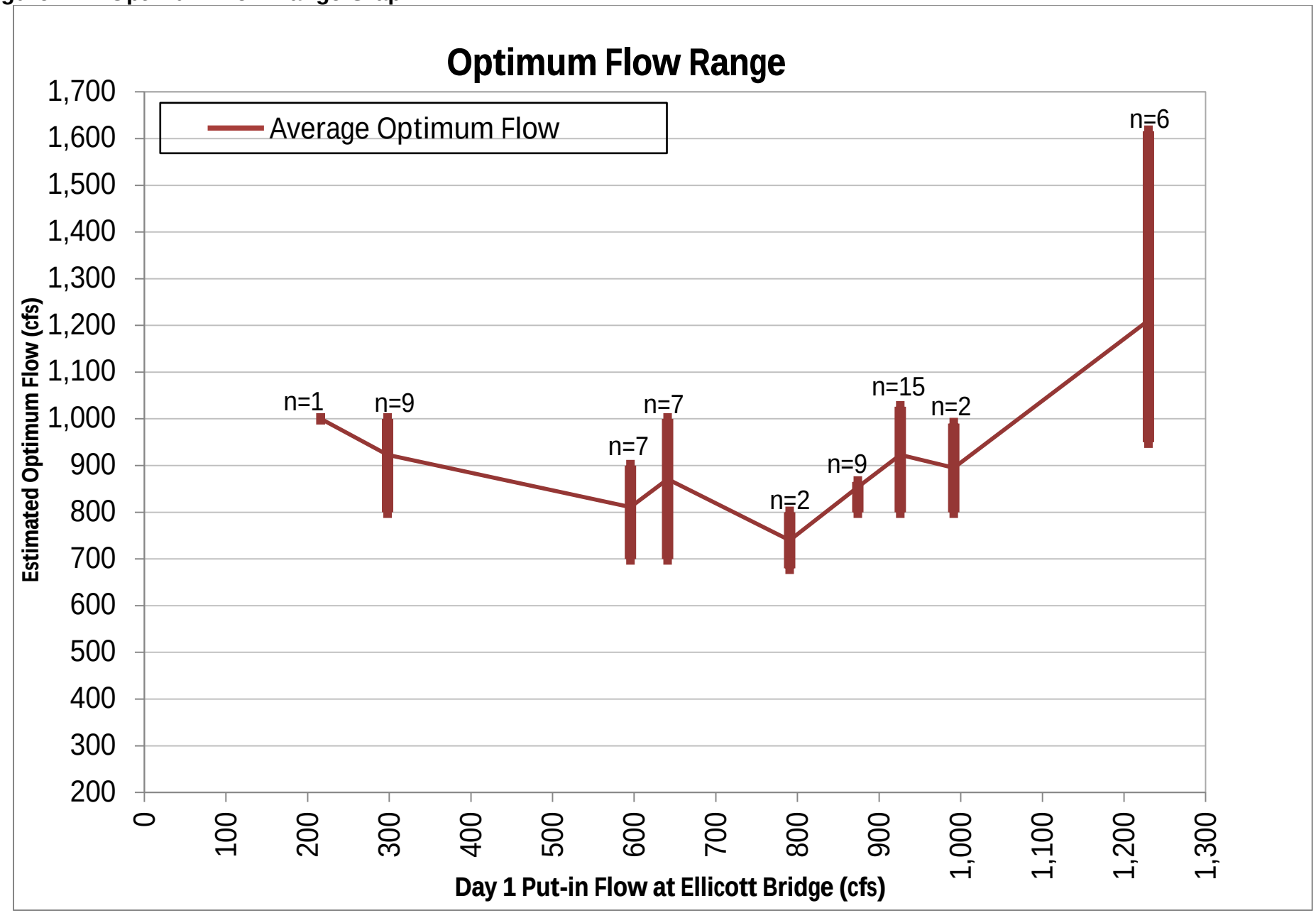


Figure 5. Maximum Acceptable Flow Range Graph.

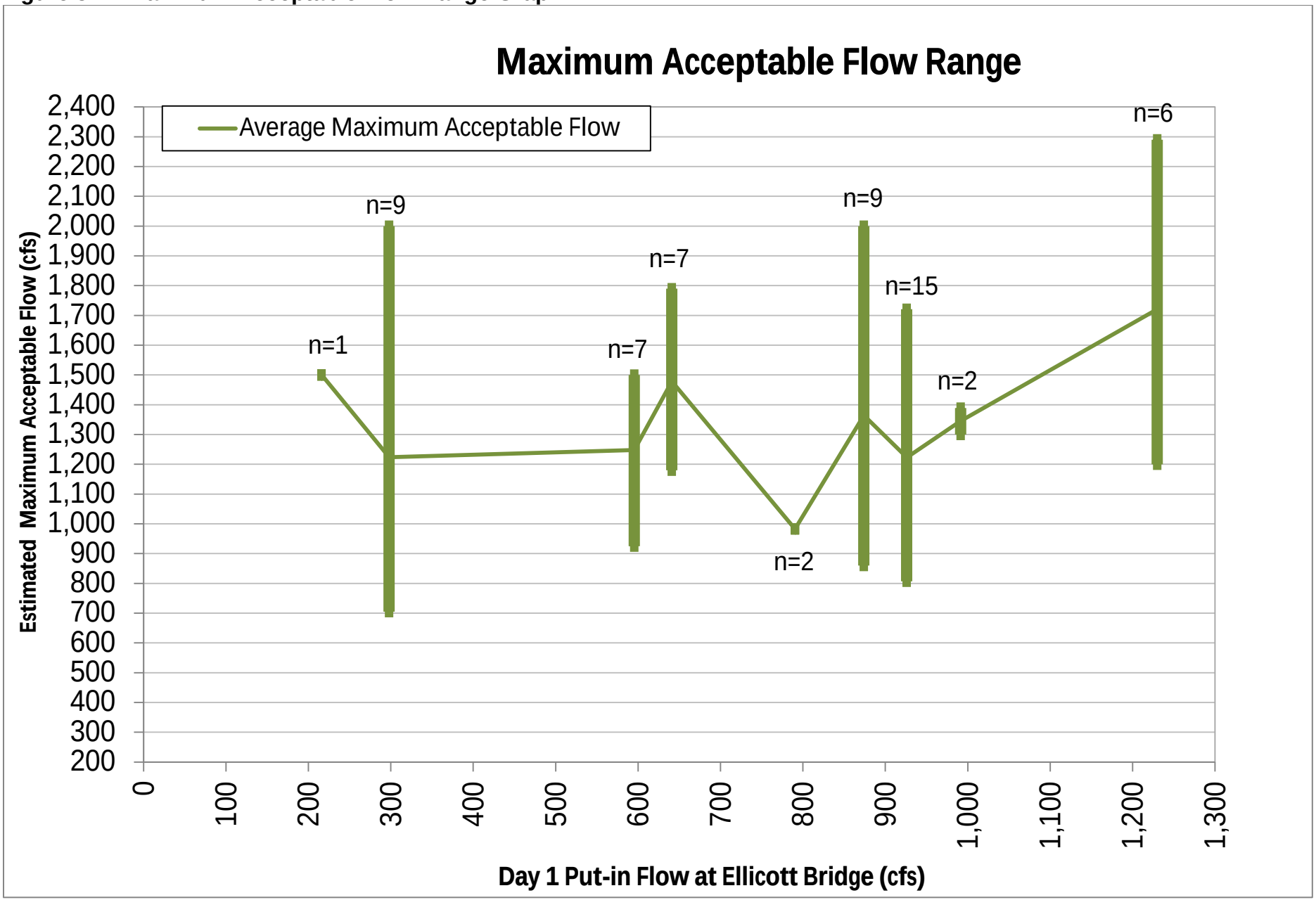
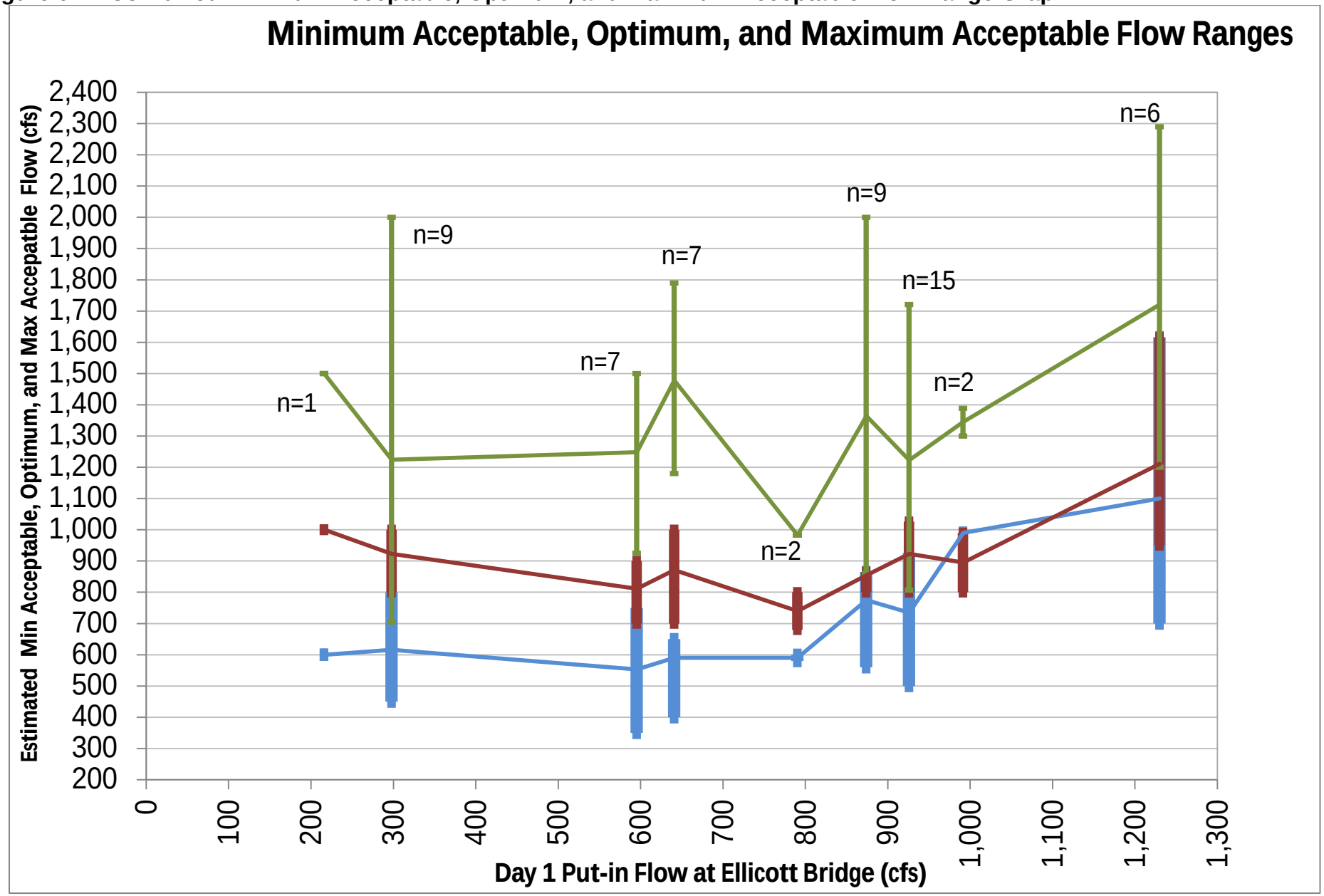
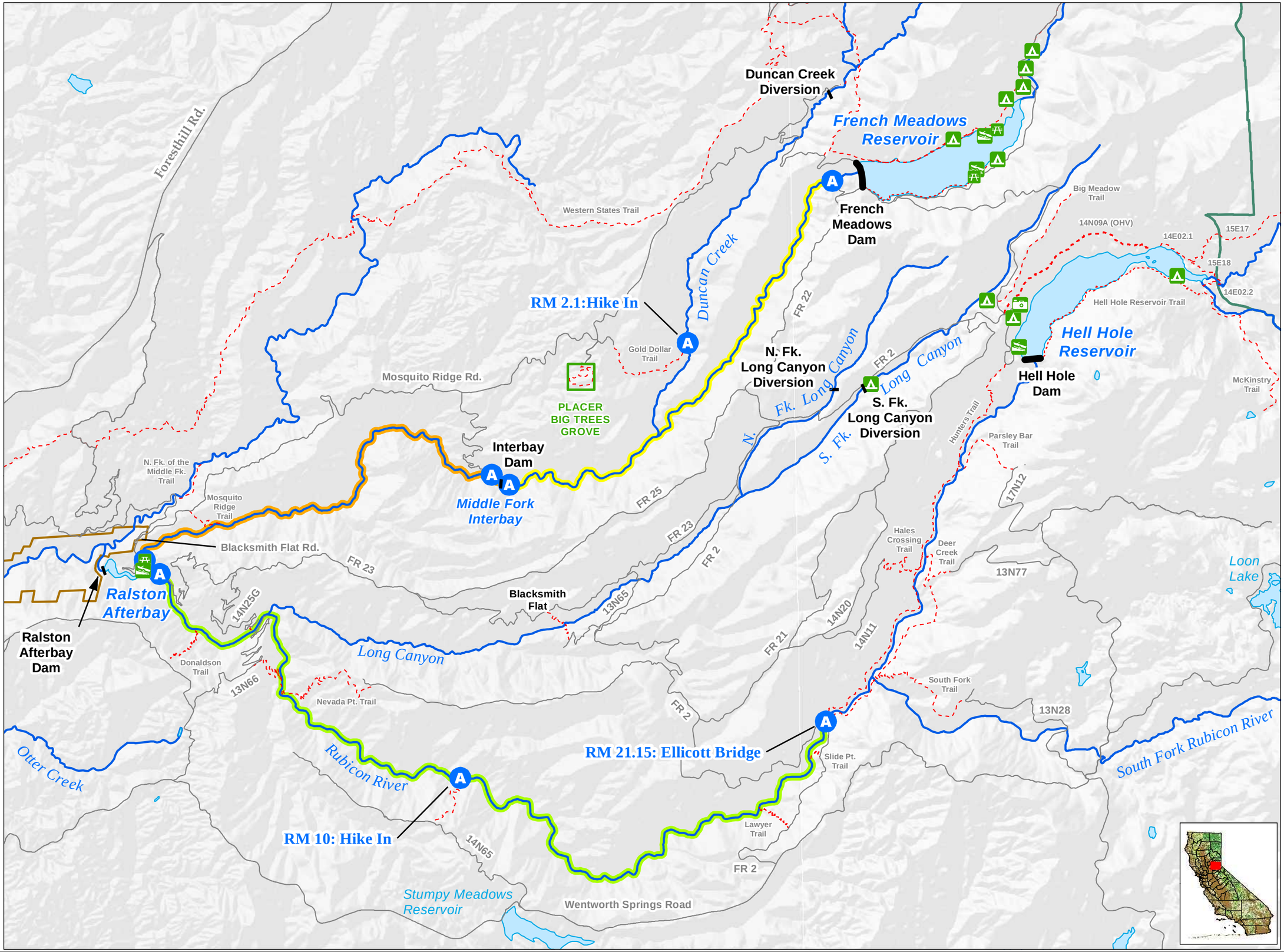


Figure 6. Combined Minimum Acceptable, Optimum, and Maximum Acceptable Flow Range Graph.



MAPS



Project Facilities

- Dam or Diversion

Project Recreation Facilities

- Boat Ramp
- Developed Campground
- Picnic Area
- Scenic Viewpoint

Transportation

- Roads
- Trails

Hydrography

- Watercourse
- Water Body

Designated Boundary

- Wilderness Area
- Auburn State Recreation Area*

* State Park boundaries are approximate and should not be considered legal descriptions. Maps are intended for study purposes only.

Whitewater Boating Resources

- Access Point**

** Related to Contingency Study Whitewater Boating Reaches

Contingency Study Whitewater Boating Reaches

RUBICON RIVER:

- Ellicott Bridge to Ralston Afterbay

MIDDLE FORK AMERICAN RIVER:

- French Meadows Dam to Middle Fork Interbay
- Middle Fork Interbay to Ralston Afterbay

PCWA

Placer County Water Agency
Middle Fork American River Project

Map 1
REC 4 - Contingency Study

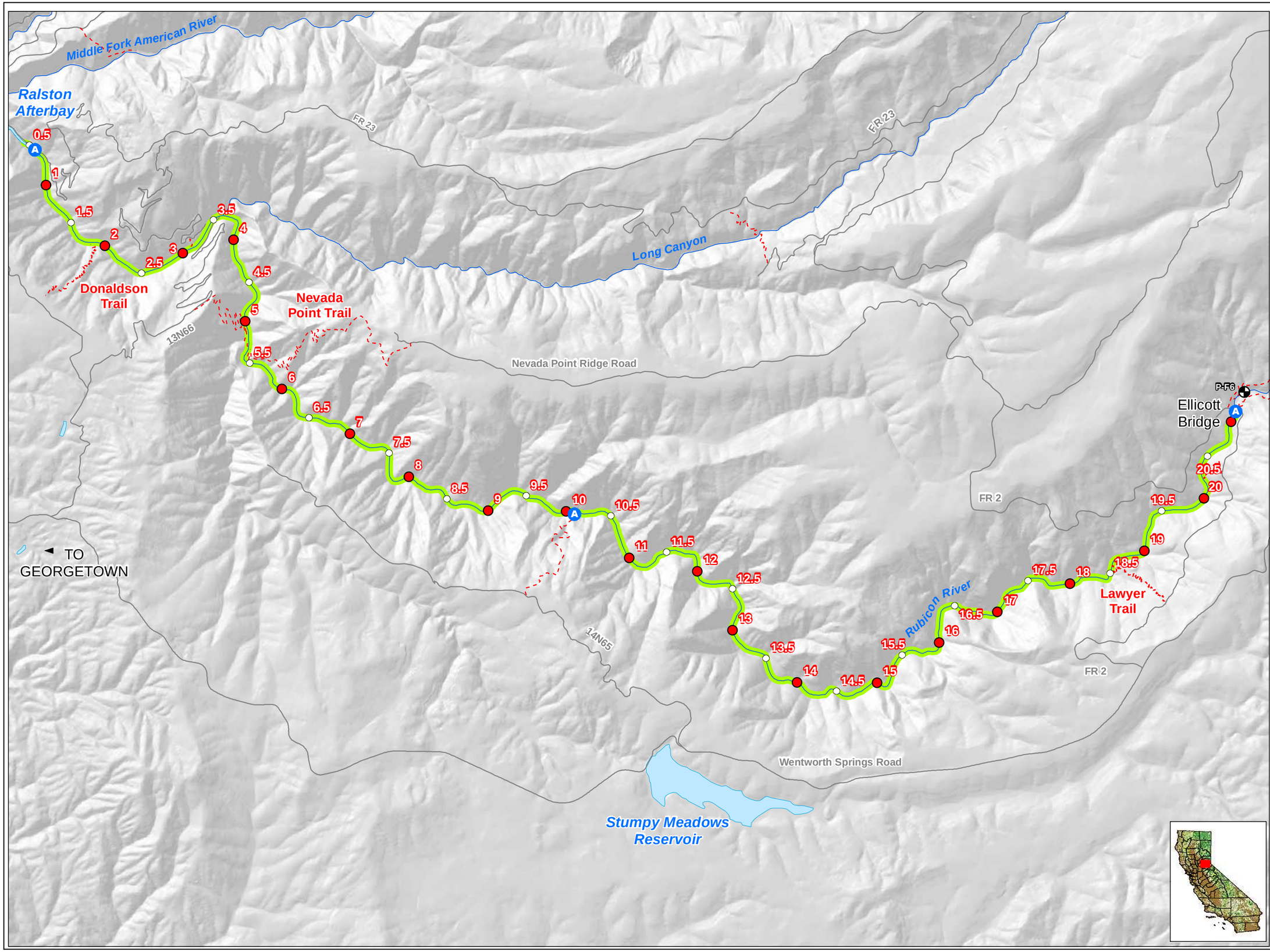
Whitewater Boating Study

Date: 11/11/11

0 0.5 1 2 Miles

Projection: CA State Plane, Zone 2
Datum: NAD 83

Z:\GIS\Entrix\3116501\map\RecreationMaps\REC4 Maps\PCWA_Contingency_WW_FlowStudy_Reaches_Overview_17i11i_01.mxd



Project Facilities

- Dam or Diversion

Transportation

- Roads

Hydrography

- Watercourse
- Water Body
- Whole River Miles
- .5 River Miles
- Flow Gage Used in Contingency Study

Whitewater Boating Resources

- Access Point*

* Related to Contingency Study Whitewater Boating Reaches

Contingency Study Whitewater Boating Reaches

- Ellicott Bridge to Ralston Afterbay

PCWA

Placer County Water Agency
Middle Fork American River Project

Map 2

Rubicon River - Ellicott Bridge to Ralston Afterbay

Date: 11/11/11

0 0.5 1 Miles

Projection: CA State Plane, Zone 2
Datum: NAD 83

Z:\GIS\Entrix\3116501\map\RecreationMaps\REC4 Maps\PCWA_Contingency_WW_FlowStudy_Reaches_RUB_17i11i_01.mxd

APPENDIX A

Rubicon River Whitewater Boating Study On-line Flow Study Survey Form

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

State

Country

3. Contact information

Phone Number

Email Address

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)	◯
Class 4 (advanced)	◯
Class 4+	◯
Class 5-	◯
Class 5 (expert)	◯
Class 5+ (elite)	◯

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

	Type of boating preferred
Single-day recreational trips	◯
Multiple-day recreational trips	◯
Both multiple-day and single day recreational trips	◯
Multiple-day "expedition" trips	◯
"Exploratory" single-day or multiple-day river trips	◯
All of the above - no specific preference	◯ ◯

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	◯
Ellicott Bridge	◯

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

	Boat Type
Kayak	○
Raft	○
Cata-raft	○
Inflatable Kayak	○

***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	○
Two-day trip	○
Three-day trip	○
More than three-day trip	○

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	
Day 2 Put-in time	
Day 2 Take-out time	
Day 3 Put-in time	
Day 3 Take-out time	
Day 4 Put-in time	
Day 4 Take-out time	

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	○
Yes	○

If yes, please discribe

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	○
Class IV+	○
Class V-	○
Class V	○
Class V+	○

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

	Highly Unacceptable	Moderately Unacceptable	Moderaly Acceptable	Highly Acceptable
Overall boatability	○	○	○	○
Availability of challenging technical boating	○	○	○	○
Availability of powerful hydraulics	○	○	○	○
Availability of "play areas"	○	○	○	○
Overall whitewater "challenge"	○	○	○	○
Safety	○	○	○	○
Rate of travel	○	○	○	○
Number of scouts	○	○	○	○
Number of portages	○	○	○	○

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

	Highly Unsatisfied	Moderately Unsatisfied	Moderately Satisfied	Highly Satisfied
Satisfaction with flow	○	○	○	○

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	○	○	○	○	○

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

	Willingness to return
Yes	○
No	○
Possibly	○

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	○	○	○	○	○

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	○	○	○	○	○

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	○	○	○	○	○

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/

APPENDIX B

Rubicon River Whitewater Boating Study Focus Group Meeting Materials (Invitation, Agenda, Meeting Participant List)

Dear Rubicon River Boater -

The Placer County Water Agency (PCWA) invites you to participate in a focus group meeting to identify and characterize whitewater boating flows for the Rubicon River between Hell Hole Dam and Ralston Afterbay.

A range of boatable flows was available this year (2011) in the Rubicon River and numerous boaters have run this section over a wide range of flows. Your participation is being requested due to your specific experience boating on the Rubicon River during the 2011 boating season.

The whitewater focus group meeting will be held on Monday, August 15th from 7:00 PM to 9:00 PM in PCWA's American River Room located at 144 Ferguson Road, Auburn, California. A map is attached for your use. Although we encourage you to participate in person, if you cannot, a WebEx and conference call phone line will be available. Those wishing to participate via WebEx or by phone can do so by using the following access information:

Click on the following link then select "Enter as a guest" and type your name in the space provided.

http://entrix.na4.acrobat.com/meeting1312555445/

If you do not have a direct dial number or you are joining by audio only, use the following info to dial-in to the meeting:

Conference Number: 1-866-910-4857

Participant Code: 621319

Resource maps, hydrological information, and other materials will be presented during the meeting to aide the discussion. Attached is the agenda for the meeting.

If you have any questions regarding this focus group meeting or need any additional information, please contact me or Andy Fecko at (530) 823-4889.

Thanks,

Beverly Bell

Administrative Aide

(530) 823-4973

(530) 823-4960 (fax)

PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing

Whitewater Boating Focus Group Meeting
Rubicon River Whitewater Flow Study

August 15, 2011
7:00 PM – 9:00 PM

PCWA
American River Room
144 Ferguson Road
Auburn, CA 95603

WebEx: Click on the following link then select "Enter as a guest" and type your name in the space provided. http://entrix.na4.acrobat.com/meeting1312555445/

Call in: Conference Number: 1-866-910-4857
Participant Code: 621319

AGENDA

Welcome and Introductions

Review of Meeting Objectives

Overview of Middle Fork American River Project (MFP) and Relicensing Process

Overview of Rubicon River Whitewater Boating Online Flow Study

Presentation of Rubicon River Whitewater Boating Online Flow Study Data

Identification of Specific Whitewater Boating Flow Ranges/Thresholds

- o Definition of Terms
  - Maximum Acceptable Flow
  - Optimal Flow
  - Minimum Acceptable Flow
- o Identification of Flow Ranges/Thresholds
  - Maximum Acceptable Flow
  - Optimal Flow
  - Minimum Acceptable Flow

Other Considerations

Placer County Water Agency
Middle Fork American River Project
Rubicon River Whitewater Boating Focus Group Meeting
August 15, 2011

List of Meeting Participants

Jesse Wilfley
Tera Muir
Heather Snow
Hilde Schwietzer
Dave Steindorf
Chris Tulley
Keith Kishiyama
Eric Petlock
Jeff Horning
Rok Sribar
Coray Tucker
Alex Wolfgram
Ivan Michel
Ian Buckley (conference call-in)
Brenden Curren (conference call-in)
Will Connelly (conference call-in)
Dan Kanner (conference call-in)
Andy Feckco (PCWA)
Ben Ransom (PCWA)
David Martinez (Cardno-Entrix)
Sandy Perry (Cardno-Entrix)

APPENDIX C

Completed Survey Forms

Default Report

Displaying **1** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
166.5.93.60

Response Started:
Friday, July 15, 2011 11:21:41 AM

Response Modified:
Friday, July 15, 2011 11:31:01 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

21

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

20-30

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	
Both multiple-day and single day recreational trips	

Multiple-day "expedition" trips	X
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

Yes, twice, 1998, 2006

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

July 6th

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

800

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

760 at Ellicots

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

1130 am

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 7 pm
Day 2 Put-in time - 10 am
Day 2 Take-out time - 6 pm

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

10

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

8

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Brush encroachment is more of an issue on this run when compared to others, and is getting worse since the 1997 flood when it was "cleaned" out.	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety			X	
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference		X			

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

200 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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow		X			

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?

100

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

200

33. Please provide any additional comments regarding your boating trip

The river is a classic with many quality rapids, encroachment of vegetation is an issue.

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

Yes

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

Yes

Default Report

Displaying **2** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
216.239.45.4

Response Started:
Friday, July 15, 2011 11:28:57 AM

Response Modified:
Friday, July 15, 2011 11:36:06 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

10

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

~60 days a year

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

No

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

July 1st

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

1000cfs

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

2pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 6pm
Day 2 Put-in time - 9am
Day 2 Take-out time - 5pm

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

5-7

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

2

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: A lot of wood and brush in the river bed	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"		X		
Overall whitewater "challenge"				X
Safety			X	
Rate of travel				X
Number of scouts				X
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

900cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow			X		

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?

No Response

33. Please provide any additional comments regarding your boating trip

No Response

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

yes

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

yes

Default Report

Displaying **3** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
134.197.55.180

Response Started:
Friday, July 15, 2011 11:25:20 AM

Response Modified:
Friday, July 15, 2011 11:38:41 AM

1. Your Name

2. Place of residence

Contact information

4. How many years have you been whitewater boating?

11

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

100

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	X
Class 5 (expert)	
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

No previous trips

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

7/9/2011

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

My estimate was 750; your gauge says it was 620

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

2:00pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 5:30pm
Day 2 Put-in time - 10am
Day 2 Take-out time - 5pm

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

10

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

6

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

	Safety Hazards
No	**X**
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	**X**

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating			X	
Availability of powerful hydraulics			X	
Availability of "play areas"	X			
Overall whitewater "challenge"			X	
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow			X	

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

On Day 2, the flow crashed to ~450cfs. In my opinion, the minimum acceptable flow is ~400cfs.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

850cfs would be optimal.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

The maximum I would boat would be 1100cfs

33. Please provide any additional comments regarding your boating trip

The trip was awesome. The flow we had on the first day was really fun and fluffy. (The second day it dropped down substantially and the amount of boat abuse from bumping on shallow rocks increased greatly.) I really liked the style of

rapids available on this run. Although they are formed generally by boulders, the boulders are covered up (at our Day 1 good flows) so that you get lots of water features, ledges, boofs, and holes. There were also a handful of bedrock rapids, including one memorable one with a slide into a big ledge that was a great challenge with minimal danger given the rapid's size (it flushed into a calm pool and you could set really good safety for it). I love paddling rapids that are challenging, fun, and beautiful, but with risk that can be minimized by setting good safety. Even though I'm a class 5-kayaker and not a hardcore class 5 kayaker, I had a great time on this run. The rapids were fun, not scary or intimidating. Wilderness kayak overnighter trips of this length, difficulty, and whitewater caliber are such a treat that it would be great to have more opportunities to boat the Rubicon in the future.

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

yes

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

yes

Default Report

Displaying **4** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
67.138.0.234

Response Started:
Friday, July 15, 2011 11:26:25 AM

Response Modified:
Friday, July 15, 2011 12:26:22 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

since 1998

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

50 to 70 days

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	X
Class 5 (expert)	
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	X

Both multiple-day and single day recreational trips
Multiple-day "expedition" trips
"Exploratory" single-day or multiple-day river trips
All of the above - no specific preference

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

Once - 2006 or 2008?

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

7-9-2011

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

750 ish

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	**X**
Ellicott Bridge	

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

10:40am on the water, after the hike

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 5pm - with a very long lunch
Day 2 Put-in time - 9:00am
Day 2 Take-out time - 5:00pm

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

15-20

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

5-7

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

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	X
Class V-	

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"		X		
Overall whitewater "challenge"				X
Safety				X
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

800-900

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

1500??? It is very hard to say. Some sections would be become portages.

33. Please provide any additional comments regarding your boating trip

Great stretch of river! Beautiful scenery. Amazing quality white water. The run from the hell holl res. down to the ellicot was labor intensive. The run from the bridge down was a classic! The flows seemed to drop out on us the second day.

We noticed the water level at our camp was lower, and it felt like it kept decreasing, but this is not what I am seeing on the flow graph. I don't think any of us would have wanted to go down with any less water on the second day as many rapids were getting junky. All in all it was a great strip of whitewater.

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

Yes

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

Sure.

Default Report

Displaying **5** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
192.55.55.41

Response Started:
Friday, July 15, 2011 12:53:12 PM

Response Modified:
Friday, July 15, 2011 1:16:50 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

14

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

110

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

Yes, ~4

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

may 7th

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

350

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

3.25

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

~3pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 5:30pm
Day 2 Put-in time - ~10am
Day 2 Take-out time - ~2pm

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

8

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

3

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

	Safety Hazards
No	
Yes	**X**
If yes, please discribe: Willows encroaching on the channel making eddy access difficult. Shallow rocks and pin spots in many of the rapids (due to low flow)	

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

	Difficulty
Class IV	
Class IV+	**X**
Class V-	

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability	X			
Availability of challenging technical boating	X			
Availability of powerful hydraulics	X			
Availability of "play areas"	X			
Overall whitewater "challenge"	X			
Safety	X			
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow	X			

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference					X

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

	Willingness to return
Yes	
No	X
Possibly	

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

Flow was too low. Many shallow rock and pin spots. Not aesthetic or safe

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow					X

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?

Minimium Flow = 650 at elcott, 700 at ralston

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow					X

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?

Optimium flow = 950 at elcott, 1100 at ralston

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

Max Flow = 1200 at elcott, 1400 at ralston

33. Please provide any additional comments regarding your boating trip

stellar camping. Liked the paved roads.

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

sure

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

Yes

Default Report

Displaying **6** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
192.55.55.41

Response Started:
Friday, July 15, 2011 1:08:21 PM

Response Modified:
Friday, July 15, 2011 1:24:20 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

14

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

110

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

~4

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

7/2/11

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

950

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

4.7

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

~2pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 5pm
Day 2 Put-in time - 10:30am
Day 2 Take-out time - 3pm

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

8

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

5

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Willows encroaching the river channel blocking eddies, etc	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"				X
Overall whitewater "challenge"				X
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

Minimium Flow = 650 at elcott, 700 at ralston

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?

No Response

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?

Optimium flow = 950 at elcott, 1100 at ralston

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?

No Response

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?

Max Flow = 1200 at elcott, 1400 at ralston

33. Please provide any additional comments regarding your boating trip

Fantastic World Class run. One of the best whitewater rivers in CA. Stellar overnight boating. Must run river for every class V boater. A true gem. Very classic whitewater.

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

Yes

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

Yes.

Default Report

Displaying **7** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
192.55.55.41

Response Started:
Friday, July 15, 2011 1:17:03 PM

Response Modified:
Friday, July 15, 2011 1:24:24 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

14

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

110

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

4

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

7/9/11

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

450

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

4.0 at elcotts

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	X
Ellicott Bridge	

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

10:30

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 5:30pm
Day 2 Put-in time - 10am
Day 2 Take-out time - 5pm

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

9

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

4

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Willows encroaching the river bed and preventing eddy access. shallow rocks and pin spots in many of the boulder garden rapids	

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

	Difficulty
Class IV	
Class IV+	
Class V-	X

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability		X		
Availability of challenging technical boating			X	
Availability of powerful hydraulics	X			
Availability of "play areas"			X	
Overall whitewater "challenge"		X		
Safety		X		
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow		X		

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference					X

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

	Willingness to return
Yes	
No	X
Possibly	

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

too many rocks in bad places posing safety risk and abuse on gear.

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?

No Response

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?

Minimium Flow = 650 at elcott, 700 at ralston

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?

No Response

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?

Optimium flow = 950 at elcott, 1100 at ralston

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?

No Response

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?

Max Flow = 1200 at elcott, 1400 at ralston

33. Please provide any additional comments regarding your boating trip

Sad not to see more water in this Fantastic World Class run. One of the best whitewater rivers in CA if it had a more water. Stellar overnight boating trip. With more water this is a must run river for every class V boater. A true gem with more water. Very classic whitewater with a bit more flow.

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

Yes

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

Yes

Default Report

Displaying **8** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
216.57.66.82

Response Started:
Friday, July 15, 2011 6:33:23 PM

Response Modified:
Friday, July 15, 2011 6:46:58 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

10

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

100 days

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

no

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

Late June a day before the big rain strom

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

1200 put-in 5500 take-out

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

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

pm

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

	Length of Trip
Single-day trip	
Two-day trip	
Three-day trip	X
More than three-day trip	

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

No Response

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 - 8:00pm
Day 2 Put-in time - 10:00am
Day 2 Take-out time - 9:00pm
Day 3 Put-in time - 7:00am
Day 3 Take-out time - 2:00pm

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

20

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

8

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Lots of Alders and willos in the eddies	

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

	Difficulty
Class IV	

Class IV+	
Class V-	
Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety			X	
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow		X		

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference	X				

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

	Willingness to return
Yes	
No	X
Possibly	

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

The river spiked to 5500cfs while we were on it. I would prefer 700-1200 cfs to boat this run

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow	X				

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?

1000cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow	X				

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?

1000cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow		X			

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?

1500cfs

33. Please provide any additional comments regarding your boating trip

No Response

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

yes

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

yes

Default Report

Displaying **9** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
209.216.175.16

Response Started:
Friday, July 15, 2011 10:21:15 PM

Response Modified:
Friday, July 15, 2011 10:47:52 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

10

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

25

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

no

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

6/27/11

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

925

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

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	
Raft	
Cata-raft	X
Inflatable Kayak	

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

5:30 PM

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

	Length of Trip
Single-day trip	
Two-day trip	
Three-day trip	
More than three-day trip	X

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

No Response

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 - 1900
Day 2 Put-in time - 0830
Day 2 Take-out time - 1815
Day 3 Put-in time - 0830
Day 3 Take-out time - 1530
Day 4 Put-in time - 0830
Day 4 Take-out time - 1800

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

50

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

5

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

	Safety Hazards
No	**X**
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	
Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				
Availability of "play areas"				
Overall whitewater "challenge"				X
Safety				X
Rate of travel		X		
Number of scouts			X	
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)

Satisfaction with flow	X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

+100

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

+600

33. Please provide any additional comments regarding your boating trip

Our basic itinerary was (mileages are all approximate at this point): Monday (6/27) - We launched 3 catarafts at Ellicott Br at 1730. None of us had previously seen the run. 2 groups of kayakers launched while we we're running shuttle. A few scouts. No portages. Camped ~2.5 mi downstream. Tuesday (6/28) - Boated 0830 to 1815. Portaged one rapid completely. Portaged entrance to Ripple Rock Falls (put-in right below the first ledge and ran the next two drops in the mini-gorge). Camped on LB ~1 mi downstream of Ripple Rock. Rain started soon thereafter. Many scouts. One flip. Wednesday (6/29) [did not boat] - at 0730, the river was up at least 18" from previous evening. Rose quickly throughout the morning. ~1100 decided to hike-out to conserve food/fuel. Stayed in Georgetown that night. Thursday (6/30) [did not boat] - Hiked back down in afternoon. Left Wentworth Spr Rd at 1215. Arrived in camp at 1420. Watched river drop until ~1730, then rising slightly. until I went to bed at 1930. A group with one kayaker and two paddle-rafters (one that has guided Cherry Creek, class V in Africa, etc and his 19 year-old brother who was not a class V boater) in a Puma arrived ~1530. They had already used-up the one night's provisions they'd brought. We gave them some food and they decided to cache gear and hike-out (to return later with a more experienced, substitute paddle-rafter). Friday (7/1) - Water level was only about 4-6" higher than when we pulled-in Tuesday night. Scouted below camp. On the water by 0830. Ran a number of big drops. Portaged around one entrance hole. Many scouts. Made ~3.5 mi (?). Camped RB. Off the water at 1530 as it seemed like the valley was transitioning and we were unsure of campsite potential relative to the next high-gradient section. Saturday (7/2) -Scouted below camp and on the water by 0830. Made good time down to One in a Million. Portaged bottleneck near top of rapid (far-left chute that feeds into a boulder...figured we ha about a 1:1,000,000 chance of not pinning a boat). Saw 1 group of kayakers. Portaged cauldron/horseshoe falls ~1/2 to 3/4 mi below One in a Million. Camped on LB below ~8 (maybe 10'?) drop that had a left-to-right move. Had many long scouts. Made ~4 miles (?). Sunday (7/3) - Scouted below camp. On the water at 0900 (a bit slow after the epic scouting of the previous day). Say three different groups of kayakers through the day. Many scouts. 2 flips. No portages. Pilot Cr and Long Cyn Cr were probably adding 50-60 cfs each. Arrived at MF American confluence at 1630. Synopsis: - An outstanding multiday class V run! Many high quality, big drops. Though the rapids were different, we considered the level of effort involved with the run to be on-par with the SF Merced. - Flows were absolutely perfect for a first-time down. We were mostly on the water in the 900-1100 range Ellicott gage). I would not have wanted to be in there with any/much less water....I see the amount of portaging, boat-dragging, and potential for pins/swims increasing significantly at lower water. There was one place in particular above 15' Falls that was just barely raftable with the flow we had the afternoon of 7/2. Generally, the flows we had were just right to fill-in the big rapids and pad undercuts while maintaining good definition without getting too pushy. I'd say 1000-1200 is the sweet spot, with maybe down to 900 and up to 1400 as OK. 800 might be doable, but I would never launch at that flow or if flows were projected to drop to that level prior to reaching Pilot Creek. Based on what we saw as we watched the river rise Wednesday AM, I think it would still be enjoyable up to 1400-1600 or so (the ledge drops right below our camp actually cleaned-up a bit) if you knew the run and didn't have to contend with the brush. Anything above 1600 is going to be pretty rowdy in a raft as the holes in the must-run rapids likely get highly retentive and the current velocity carries through the pools. - As many posters have noted on Boof.com, the real twist to this run is very limited bank access due to in-channel brush. This resulted in unusually long scouts for us since our options for stopping/maneuvering are much more limited than kayaks. We estimated our average scout was 200 yards. We had several that were >>1/4 mi. I lost track of how many times we scouted, but I'll bet it was at least 50 (+/- 10). Many of them (at least 40%) turned-out to be unnecessary (class III or IV, read-and-run type water), but we had no way of knowing and erred on the side of caution. From a rafting perspective, we figured at least 4 rapids were basically unportageable. -

Based on our rates of progress with other runs (e.g. MF Feather, Upper Kings, SF Merced), we anticipated four full days of boating and had food for 5 nights/6 days just in case. Subtracting-out the two days off the water last week, the run went pretty much according to plan despite knowing relatively few details about it. The quality of the run was everything we'd hoped for. Unlike the SF Merced, it distributes/holds its gradient nicely throughout the run.

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

yes

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

yes

Default Report

Displaying **10** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
24.2.55.68

Response Started:
Friday, July 15, 2011 11:26:12 PM

Response Modified:
Friday, July 15, 2011 11:32:41 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

7

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

75

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	X
Class 5 (expert)	
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	
Both multiple-day and single day recreational trips	X

Multiple-day "expedition" trips
"Exploratory" single-day or multiple-day river trips
All of the above - no specific preference

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

no

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

7/7/11

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

900 cfs

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

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

12pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 6pm
Day 2 Put-in time - 9am
Day 2 Take-out time - 11am

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

7

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

5

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

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	X

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"				X
Overall whitewater "challenge"				X
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

I would boat it at 100 cfs less (so about 800 cfs)

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

several hundred cfs higher

33. Please provide any additional comments regarding your boating trip

This river is amazing both in scenery and whitewater. I wish it had adequate water more often because it would easily be considered a California classic. I would love to run this river multiple times per year.

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

yes

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

yes

Default Report

Displaying **11** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
65.78.140.15

Response Started:
Saturday, July 16, 2011 8:53:22 AM

Response Modified:
Saturday, July 16, 2011 9:06:32 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

7

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

100

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

No

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

06/27/2011

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

1,000

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

No

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

4 PM

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

	Length of Trip
Single-day trip	
Two-day trip	
Three-day trip	X
More than three-day trip	

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

No Response

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 - 7:30 PM
Day 2 Put-in time - 10:30 AM
Day 2 Take-out time - 8:30 PM
Day 3 Put-in time - 7:30 AM
Day 3 Take-out time - 2:00 PM

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

at least 15 or more

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

10

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Back in the era of Dam building Hell Hole Dam was created which left the rubicon river dry for years without a regular high water flush each year. The outcome of this act has enabled large trees to grow throughout the river bed. The trees should not be there much like the dam upstream but in any case it would be nice if a very large amount of water would come down the rive each year so the tress might subside.	

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

	Difficulty
Class IV	
Class IV+	
Class V-	
Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics			X	
Availability of "play areas"				X
Overall whitewater "challenge"				X
Safety			X	
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)

Satisfaction with flow	X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

800 is the lowest I would go

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow			X		

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?

No Response

33. Please provide any additional comments regarding your boating trip

This is an amazing river and it is so sad that water does not flow enough in this river bed We need at least 800cfs every year in order to boat this river. I will not boat any flow that is less then this.

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

email or phone

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

Yes!

Default Report

Displaying **12** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
72.47.20.93

Response Started:
Saturday, July 16, 2011 10:11:10 AM

Response Modified:
Saturday, July 16, 2011 10:25:35 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

18+

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

100 days

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

no

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

7-16-2011

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

400-500cfs

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

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	X
Ellicott Bridge	

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

930-10am

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

	Length of Trip
Single-day trip	X
Two-day trip	
Three-day trip	
More than three-day trip	

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

3pm

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

No Response

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

5-6

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

4

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

	Safety Hazards
No	
Yes	**X**

If yes, please discribe: Many willow, alder etc bushes in mid stream and along the sides of the river, presumably due to typical de-watering.

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

	Difficulty
Class IV	
Class IV+	
Class V-	
Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability			X	
Availability of challenging technical boating			X	
Availability of powerful hydraulics			X	
Availability of "play areas"	X			
Overall whitewater "challenge"				X
Safety			X	
Rate of travel			X	
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow			X	

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference					X

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

	Willingness to return
Yes	
No	
Possibly	X

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

More water would be prefferable. I would consider our flow to be about minimum boatable, barely acceptable.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)

Minimum Acceptable Flow	X

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?

800cfs minimum

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow					X

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?

1000cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

TBD, probably 2000cfs

33. Please provide any additional comments regarding your boating trip

The Rubicon river is a world-class run, and opprtunities to paddle it are taken advantage of by paddlers from all over the world. The upper river was a more pristine place than many surronding drainages, and I look forward to returning.

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

Yes please

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

Yes please

Default Report

Displaying **13** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
69.239.104.59

Response Started:
Saturday, July 16, 2011 10:54:06 AM

Response Modified:
Saturday, July 16, 2011 11:00:31 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

12

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

80

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

No

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

July 9

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

750

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

4.0

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

3:30PM

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 6PM
Day 2 Put-in time - 9AM
Day 2 Take-out time - 5:30PM

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

8

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

5

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

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability			X	
Availability of challenging technical boating				X
Availability of powerful hydraulics			X	
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety			X	
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow			X	

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

300 CFS

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

800 CFS

33. Please provide any additional comments regarding your boating trip

No Response

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

Yes

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

Yes

Default Report

Displaying **14** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
99.164.23.238

Response Started:
Saturday, July 16, 2011 1:35:28 PM

Response Modified:
Saturday, July 16, 2011 1:41:28 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

10

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

40

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

No

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

6/27/11

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

1000

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

4:00PM

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

	Length of Trip
Single-day trip	
Two-day trip	
Three-day trip	X
More than three-day trip	

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

No Response

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 - 7:00PM
Day 2 Put-in time - 9:30AM
Day 2 Take-out time - 7:30PM
Day 3 Put-in time - 7:30AM
Day 3 Take-out time - 12:00PM

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

12

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

10

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Willows in all the eddies.	

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

	Difficulty
Class IV	

Class IV+	
Class V-	
Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety			X	
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference		X			

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

minimum of 650 cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow		X			

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?

800-1000

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

1500

33. Please provide any additional comments regarding your boating trip

At 3000cfs and above it's beyond the comfort range of most class V boaters - five out of seven in our group hiked out when flows spiked due to rain on day three.

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

yes

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

yes

Default Report

Displaying **15** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
24.2.55.68

Response Started:
Sunday, July 17, 2011 8:33:53 AM

Response Modified:
Sunday, July 17, 2011 8:41:19 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

15

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

80

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

No

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

July 7, 2011

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

893

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

12:30 PM

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 6:20 PM
Day 2 Put-in time - 9:30 AM
Day 2 Take-out time - 11:30 AM

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

7

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

5

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Many many Alder trees growing in the river make scouting or eddying out difficult at times. This poses a significant risk, especially if the infrequent flows persist and the Alders encroach further.	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"		X		
Overall whitewater "challenge"				X
Safety			X	
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

700 cfs. Boulder gardens need water.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

The holes were big, too much more water would scare me.

33. Please provide any additional comments regarding your boating trip

Great trip, an amazing canyon, truly one of the more scenic sections of river. The rapids were amazing, unique and challenging as well as unforgiving. What a great trip.

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

Yes

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

Yes

Default Report

Displaying **16** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
75.0.10.231

Response Started:
Sunday, July 17, 2011 7:41:46 PM

Response Modified:
Sunday, July 17, 2011 8:00:47 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

10

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

30

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

no

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

6/9

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

400 CFS at Hell Hole, but probably around 800 CFS at take out. Dropping throughout the trip.

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

4.2 at Hell Hole

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	X
Ellicott Bridge	

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

10:40 AM

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 5:30 PM
Day 2 Put-in time - 9:40 AM
Day 2 Take-out time - 4:00 PM

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

10

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

6

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

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	X

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics			X	
Availability of "play areas"		X		
Overall whitewater "challenge"				X
Safety			X	
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow			X	

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	
No	
Possibly	X

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

We started losing quite a bit of water between the first day and the second. Many of the class five rapids were friendly at this level, however the class III, and IV rapids between the big ones were pretty rocky.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

I wouldn't go in there higher than 1,200 CFS

33. Please provide any additional comments regarding your boating trip

A great trip with a good number of quality rapids. The willows and tamaracks that have invaded the river bed make scouting and portage challenging. I enjoyed the water that spilled over the top of the dam. It is nice to have a warmer Sierra Nevada river. Recreational releases totaling 800 CFS-1000 CFS would make this river a California classic.

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

yes

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

sure

Default Report

Displaying **17** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
216.27.186.203

Response Started:
Monday, July 18, 2011 10:01:42 AM

Response Modified:
Monday, July 18, 2011 10:16:37 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

5

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

~80

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	X
All of the above - no specific preference	

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

no

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

7/9/11

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

675

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

2

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 6:30
Day 2 Put-in time - 10:30
Day 2 Take-out time - 4

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

12

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

5

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

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety				X
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow		X		

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow				X	

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?

at least 600 CFS at Ellicott

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

700 at Ellicott

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

900 CFS

33. Please provide any additional comments regarding your boating trip

We only ran about 5 miles (to ripple rock falls on day 1. Day 2 was the majority of the run, and was a bit low flow. Day 1 was fine for a boater of my skill level.

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

Yes

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

Yes

Default Report

Displaying **18** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
96.26.52.38

Response Started:
Monday, July 18, 2011 7:10:31 PM

Response Modified:
Monday, July 18, 2011 7:41:18 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

20

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

15-50

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

No

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

6/27

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

1000 cfs

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

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	
Raft	
Cata-raft	X
Inflatable Kayak	

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

5;30 pm

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

	Length of Trip
Single-day trip	
Two-day trip	
Three-day trip	
More than three-day trip	X

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

n/a

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 - 6:30 pm
Day 2 Put-in time - 8:30 am
Day 2 Take-out time - 6:15 pm
Day 3 Put-in time - 8:30 am
Day 3 Take-out time - 3:30 pm
Day 4 Put-in time - 8:30 am
Day 4 Take-out time - 5:00 pm / 9:00 am - 3:00pm

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

40

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

1 major 4 minor

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

	Safety Hazards
No	
Yes	**X**
If yes, please discribe: bank over growth vision and bak work	

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

	Difficulty
Class IV	
Class IV+	
Class V-	
Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics			X	
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety			X	
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)

Satisfaction with flow	X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

800cfs (stable)

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

1500cfs (stable)

33. Please provide any additional comments regarding your boating trip

Outstanding multi day trip. One of the best in Calif.

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

Yes

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

Yes

Default Report

Displaying **19** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
75.26.178.223

Response Started:
Monday, July 18, 2011 6:59:50 PM

Response Modified:
Monday, July 18, 2011 8:12:03 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

25

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

100+

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

No, numerous hunting and fishing trips in the canyon growing up in Georgetown

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

6/28/11

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

1100

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

1069, according to the chart you listed above. 1304 @takeout

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	
Raft	X
Cata-raft	
Inflatable Kayak	

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

12pm

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

	Length of Trip
Single-day trip	
Two-day trip	
Three-day trip	
More than three-day trip	X

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

No Response

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 - 1830
Day 2 Put-in time - layover
Day 2 Take-out time - layover
Day 3 Put-in time - 0900
Day 3 Take-out time - 1545
Day 4 Put-in time - Hiked out and returned two days later, took two more days
Day 4 Take-out time - putin at 1200 takout at 2030, putin at 0730 took out at 1530

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

many

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

exactly 13

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

	Safety Hazards
No	**X**
Yes	
If yes, please discribe: Wilderness Class V trips are filled with objective hazards, that is the challenge and point of these trips. I go into trips like this looking for a challenge in a beautiful place. The Rubicon is a world class Class V wilderness multi-day trip. Question 21 is subjective due to the fact that we saw flows ranging from 1000 to over 3000. Below 900 the river could be portaged into a IV+. At flows over 1500 the river becomes V+ that is very runable.	

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

	Difficulty
Class IV	
Class IV+	
Class V-	
Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"		X		
Overall whitewater "challenge"				X
Safety				
Rate of travel			X	
Number of scouts			X	
Number of portages		X		

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference		X			

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

	Willingness to return
Yes	
No	
Possibly	X

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

The wide range in flows that we saw during our time in the canyon makes this a "possibly." I would definitely return at around 1000. 2000+ is big water, navigable but big.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)

Minimum Acceptable Flow	X

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?

I would say below 750 the boulder gardens would get very bony and less navigable.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow		X			

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?

I think the optimum flow is 950-1100

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

If I was with a very solid crew the run would be very fun at higher water especially now that I know it pretty well.

33. Please provide any additional comments regarding your boating trip

The major points I took from the experience: The higher the flow the more intense the place gets. The two guys I ran the trip with are as solid as you can be and we were intimidated by the continuous nature, the objective hazard of the river channel and the alders lining the bank. The Rubicon is a world class run with many amazing rapids, awesome camping, a healthy wildlife population and a riparian environment that has been extremely negatively impacted by the flow regimes of the last 50 years. Alders, in a healthy river system, do not grow in the channel. They are limited to the above bankfull sides of the channel. The flow regimes of the past 50 years have turned a 2300 foot deep river canyon into a 2300 foot deep creek, there is something wrong with that... There are very few rivers in this state (per mile of river bed) that have the diversity in geology the Rubicon has. Everything from granite to metamorphic bedrock (marble, schist etc.) to slates and limestone. This makes for a total mixed bag of channel type and thus rapid type. The variety and continuous nature of the rapids was awesome. The wildlife populations are healthy and impressive. One morning I woke up and found a fresh pile of mountain lion scat in one of my footprints from the night before. It seemed that there were sign of lions or bears at nearly every scout that wasn't on bedrock. I found some lion scat that had bobcat parts in it. The macro invertebrate populations we saw after it had been warm for a few days was impressive, blue wings, golden stones, many types of mayfly, salmon flys, mosquitos and many more species were strongly represented. Many users of the canyon would benefit from an occasional larger scale flow >5000 cfs at mile 5. The fish habitat would increase in size if there were fewer channel dwelling alders. This would be beneficial for both the boating and fishing community. The three of us (my two friends and myself) agree that the river is in major need of restoration. The major problems with the run, infrequent flows and alder encroachment, are human induced and thus alterable. I was part of the restoration project on the lower San Lorenzo river in Santa Cruz as well as major projects on the lower Colorado near Yuma, Az. I would wager, without a high flow event once or twice a decade, this stretch will become unnavigable in the next 10 years due to the niche the alder occupies in the ecological succession process. "Alder is particularly noted for its important symbiotic relationship with Frankia alni, actinomycete filamentous nitrogen-fixing bacterium.... The bacterium absorbs nitrogen from the air and makes it available to the tree. Alder, in turn, provides the bacterium with carbon, which it produces through photosynthesis. As a result of this mutually-beneficial relationship, alder improves the fertility of the soils where it grows, and as a pioneer species, it helps provide additional nitrogen for the successional species which follow." -wikipedia We also agree that in a perfect world this place should have Wild and Scenic Designation. This would preserve the character of the run and make it possible for future generations to gain access. The Rubicon is a very special canyon, foreboding and intense at higher water while still remote and complex at lower water. It is flow dependent in its nature. Since the drainage is pretty well locked up and at the control of people we should be able to get flows in there that would make it runnable on a much more frequent basis. There isn't a good reason for it not to run, in normal to above normal water years.We agree that it is harder than the Middle Feather- Devil's Canyon, and Cherry Creek sections. Ivan and I have

and do work on CC as guides for Sierra Mac. I have run CC with clients at levels around 2300 cfs. I would put it above Golden Gate, which I have run, as it is more than twice as long and there are difficult portages at higher water. "Any rapid can be portaged with only average difficulty and there are no vertical walled canyons." H&S pg 172 GG description of GG. This changes with the level of course.... I guess you could say that it is harder than CC and MF Devil's, the same or more so than GG (depending on flows), a very small step below south merced (maybe about the same given the steep mile a few miles above oxbow, the south merced is easy after mile 15 or so) and a little bit of lower clavey seiveiness to top it off. The alders at higher water nudge the difficulty up a few notches as well. They get pretty mentally exhausting as it is hard to really tell what you are looking at most of the time. "Is this a class IV rapid or a lead in to a big V....?" In other words, a run unique unto itself, filling an interesting niche in the wilderness whitewater world of California. It is rare to have a river where the difficulty of the run changes so much with only several hundred cfs. Garnering a mixed flow regime agreement would result in many users gaining access to an adventure that is within their skill set. The three of us have over 45 years of river experience between us and the higher flows tested all of our skills and then some. I could imagine, as is reflected in the lower flow descriptions, the place being a great place to get indoctrinated into the high sierra wilderness river running club. The Rubicon is my home wilderness run and I would like to be involved in the process to gain increased access. We live in one of the most amazing places in the world for wilderness whitewater rivers and the Rubicon embodies many of the things that define this. Lets make flows for the current and future generations happen.

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

Yes, definitely.

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

Yes, definitely.

Default Report

Displaying **20** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
24.205.202.20

Response Started:
Monday, July 18, 2011 8:37:27 PM

Response Modified:
Monday, July 18, 2011 8:46:29 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

17

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

120

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

Yes, 1 time before in 2006

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

7/9/11

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

620cfs

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

No

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	X
Ellicott Bridge	

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

10:30am

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 6:00pm
Day 2 Put-in time - 10:00am
Day 2 Take-out time - 5:00pm

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

15

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

5

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

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	X

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability			X	
Availability of challenging technical boating			X	
Availability of powerful hydraulics			X	
Availability of "play areas"		X		
Overall whitewater "challenge"			X	
Safety			X	
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow		X		

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	
No	
Possibly	X

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

800 - 1000 CFS is optimal (did it in 2006 at about 800). The 620cfs level was a little on the low side but probably worth doing again. Still a fun trip.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

800 - 1000cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

Maximum acceptable probably around 1500 - 2000cfs

33. Please provide any additional comments regarding your boating trip

amazing place.

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

yes

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

Yes

Default Report

Displaying **21** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
24.10.125.20

Response Started:
Monday, July 18, 2011 9:20:52 PM

Response Modified:
Monday, July 18, 2011 9:27:19 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

13

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

60+ days / yr

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	X
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

NO

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

5/7

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

300

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

3 pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 6pm
Day 2 Put-in time - 10am
Day 2 Take-out time - 4pm

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

5

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

3

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: alders & willows overgrown in streambed (as a result of dewatering?)	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability		X		
Availability of challenging technical boating			X	
Availability of powerful hydraulics		X		
Availability of "play areas"			X	
Overall whitewater "challenge"		X		
Safety		X		
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow		X		

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference					X

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

	Willingness to return
Yes	
No	
Possibly	X

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

@ 300 cfs it's the kind of trip i might do once a year or once every few years

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow				X	

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?

300 cfs higher

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow					X

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?

600 cfs higher

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

900 cfs higher

33. Please provide any additional comments regarding your boating trip

No Response

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

yes

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

yes

Default Report

Displaying **22** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
198.217.64.27

Response Started:
Tuesday, July 19, 2011 12:30:57 AM

Response Modified:
Tuesday, July 19, 2011 12:41:36 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

2 1/2

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

60-100

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	X
Class 5 (expert)	
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

no

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

7/9/2011

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

650

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

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

2:00 pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

n/a

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 - 6:00 pm
Day 2 Put-in time - 10:00 am
Day 2 Take-out time - 5:00 pm

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

5

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

3

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: excessive willows and alders growing into river bed. made catching eddies and scouting difficult.	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability			X	
Availability of challenging technical boating			X	
Availability of powerful hydraulics			X	
Availability of "play areas"		X		
Overall whitewater "challenge"			X	
Safety		X		
Rate of travel			X	
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow			X	

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	
No	
Possibly	X

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

the second day was starting to feel really low. we had a pin that woulld've been avoided with higher water. things started to feel very rocky.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

i feel like ideal flows would be in the 600-800 cfs range

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

it seems like from my experience and talking to others, maximum acceptable flow would be in the 1100-1200 range.

33. Please provide any additional comments regarding your boating trip

excellent river. a total gem. would love to make it a yearly trip.

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

yes

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

yes

Default Report

Displaying **23** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
12.237.63.218

Response Started:
Tuesday, July 19, 2011 2:57:52 PM

Response Modified:
Tuesday, July 19, 2011 3:07:15 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

11

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

150+

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	X
Class 5 (expert)	
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

0

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

May 7, 2011

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

350

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

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

3PM

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 6:30PM
Day 2 Put-in time - 10AM
Day 2 Take-out time - 2PM

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

5-6

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

2

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Way too many live trees in the water. Hard to access critical eddies to determine route downstream.	

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

	Difficulty
Class IV	
Class IV+	X
Class V-	

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability		X		
Availability of challenging technical boating			X	
Availability of powerful hydraulics		X		
Availability of "play areas"	X			
Overall whitewater "challenge"		X		
Safety	X			
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow	X			

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference					X

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

	Willingness to return
Yes	
No	X
Possibly	

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

Too low flow to make rapids boat friendly. High risk of pinning, as one in our group did. Very limited eddy access due to trees in water. Not a fun flow.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow				X	

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?

700cfs would be a minimum flow.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow					X

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?

1000cfs seems ideal

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

1200cfs would be my maximum.

33. Please provide any additional comments regarding your boating trip

No Response

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

yes

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

yes

Default Report

Displaying **24** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
12.237.63.218

Response Started:
Tuesday, July 19, 2011 3:07:23 PM

Response Modified:
Tuesday, July 19, 2011 3:14:46 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

11

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

150+

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	X
Class 5 (expert)	
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

yes, May 2011

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

July 2, 2011

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

1100cfs

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

1094cfs

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

2PM

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 5PM
Day 2 Put-in time - 11AM
Day 2 Take-out time - 2PM

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

5

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

3

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Too many live trees in the water. With an increase flow eddies were even more difficult to catch. It also made read and run unsfe at times.	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"		X		
Overall whitewater "challenge"				X
Safety		X		
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

700

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

1200

33. Please provide any additional comments regarding your boating trip

Amazing!!! Rapids had plenty of water to make them exciting and boat friendly.

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

yes

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

yes

Default Report

Displaying **25** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
24.113.255.15

Response Started:
Thursday, July 21, 2011 8:15:53 AM

Response Modified:
Thursday, July 21, 2011 8:51:13 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

40

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

50+

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

YES, once in 1995

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

May 7th

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

~350 cfs (with ~800 cfs at the take-out on May 8th)

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

No

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

About 3 PM on May 7th and about 5 PM on July 1st.

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 5 PM
Day 2 Put-in time - 9 AM
Day 2 Take-out time - 4 PM

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

Four (4) times

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

Once

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

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability			X	
Availability of challenging technical boating			X	
Availability of powerful hydraulics			X	
Availability of "play areas"			X	
Overall whitewater "challenge"			X	
Safety			X	
Rate of travel			X	
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow			X	

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	
No	
Possibly	X

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

After paddling Rubicon three times, twice at high flows (~800 cfs and ~1,100 cfs) and once at low flow (~350 cfs) all at the put-in, I believe that Rubicon's optimal flows are between around 800 cfs (for safe and enjoyable kayaking experience). Lower flows present paddlers with more "mank" and possible pinning danger.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow				X	

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?

Flows are a complex thing ... without much added water to the Rubicon below the put-in, optimal flow is probably around 800 cfs, otherwise lower flows would do too.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

See my answer #28

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

I would paddle Rubicon up to 1,300 cfs at the put-in, providing that there is not much water added to the stream before the take-out.

33. Please provide any additional comments regarding your boating trip

We were a group of 8 kayakers

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

Yes

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

Yes

Default Report

Displaying **26** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
24.113.255.15

Response Started:
Thursday, July 21, 2011 8:51:31 AM

Response Modified:
Thursday, July 21, 2011 8:57:12 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

40

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

50+

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

2x

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

July 1st, 2011

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

~1,100 cfs

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

No

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

5 PM

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 6:30 PM
Day 2 Put-in time - 10 AM
Day 2 Take-out time - 4 PM

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

2x

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

1x

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

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"				X
Overall whitewater "challenge"				X
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference		X			

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

Flows are a complex thing ... without much added water to the Rubicon below the put-in, optimal flow is probably around

800 cfs, otherwise lower flows would do too.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow		X			

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?

See my answer #28

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

I would paddle Rubicon up to 1,300 cfs at the put-in, providing that there is not much water added to the stream before the take-out.

33. Please provide any additional comments regarding your boating trip

8 paddlers, all expert (class V) kayakers

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

Yes

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

Yes

Default Report

Displaying **27** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
95.176.193.115

Response Started:
Friday, July 22, 2011 2:56:15 AM

Response Modified:
Friday, July 22, 2011 6:30:52 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

17

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

100

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	
Both multiple-day and single day recreational trips	

Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

1

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

5. 6.2011

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

No Response

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	X
Ellicott Bridge	

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

12pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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

No Response

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

No Response

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

No Response

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

	Safety Hazards
No	**X**
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	**X**
Class V	
Class V+	

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

No Response

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

No Response

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	Slightly Lower	About the Same	Slightly Higher	Much Higher

	Flow (1)	Flow (2)	Flow (3)	Flow (4)	Flow (5)
Maximum Acceptable Flow					X

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?

No Response

33. Please provide any additional comments regarding your boating trip

No Response

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

No Response

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

No Response

Default Report

Displaying **28** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
75.111.68.114

Response Started:
Friday, July 22, 2011 8:38:50 AM

Response Modified:
Friday, July 22, 2011 9:12:17 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

18

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

50

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	X
Class 5 (expert)	
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

no

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

july 9

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

650

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

11:00

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 7:00pm
Day 2 Put-in time - 8:00am
Day 2 Take-out time - 12:30pm

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

15

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

8

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Lots of willows in the river.	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics			X	
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety			X	
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow			X	

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	
No	
Possibly	X

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

A flow of 650 for the entire run would be an excellent flow for a conservatively minded boater running this river for the first time. On our second day, however, we saw much lower flows that were less than ideal. At these flows(<500cfs), the river was still completely runnable, but not exceptionally fun. I think that I would probably only return to this run with flows over 800cfs.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow				X	

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?

100 cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

+300 cfs or about 900 cfs total flow

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

+500 cfs or 1100 cfs total flow

33. Please provide any additional comments regarding your boating trip

This run is beautiful with excellent camping throughout. The portages were all very easy, and at the low flows we had on the first day, the rapids were generally friendly and many were boat scoutable. I ran this stretch with one other person who was on a strict time limit, and for my part, I went in with a very cautious and conservative mindset. Most of the rapids that I portaged were managable at these flows, and well within the abilities of a class V boater. I noticed that at least one of the rapids that had been run at higher flows became what I would consider to be a mandatory portage at the lower flows. Other rapids that had been portaged by most at the higher flows were very easily runnable.

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

Sure

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

Yes, especially if there will be cookies.

Default Report

Displaying **29** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
75.18.126.215

Response Started:
Friday, July 22, 2011 9:49:45 AM

Response Modified:
Friday, July 22, 2011 9:55:02 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

10

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

150

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

No

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

July 9 2011

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

800

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

No

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

11am

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 7pm
Day 2 Put-in time - 7am
Day 2 Take-out time - 11am

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

12

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

5

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Trees in eddys.	

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

	Difficulty
Class IV	
Class IV+	
Class V-	X

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability			X	
Availability of challenging technical boating			X	
Availability of powerful hydraulics				X
Availability of "play areas"	X			
Overall whitewater "challenge"			X	
Safety			X	
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow			X	

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	
No	
Possibly	X

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

Little bony on day two. Day one could have used more water as well.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

1000 would probably be good.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

I might run at 1500. Maybe.

33. Please provide any additional comments regarding your boating trip

No Response

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

yes, via email

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

via email

Default Report

Displaying **30** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
24.246.182.4

Response Started:
Sunday, July 24, 2011 7:13:17 PM

Response Modified:
Monday, July 25, 2011 7:31:17 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

15

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

250 days

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	
Both multiple-day and single day recreational trips	

Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	**X**

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

No

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

July 2 2011

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

1000

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

No

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	**X**

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

3 pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 6 pm
Day 2 Put-in time - 9 am
Day 2 Take-out time - 3 pm

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

15

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

4

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: The willows in the eddies.	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety			X	
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

600

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

1500

33. Please provide any additional comments regarding your boating trip

No Response

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

No thanks

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

No thanks

Default Report

Displaying **31** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
174.32.9.236

Response Started:
Monday, July 25, 2011 4:08:08 PM

Response Modified:
Monday, July 25, 2011 4:19:01 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

12

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

150

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

no

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

july 2

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

1200

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

pm

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

	Length of Trip
Single-day trip	
Two-day trip	
Three-day trip	X
More than three-day trip	

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

No Response

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

No Response

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

20

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

9

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: unpredictable flows due to hell hole dam	

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

	Difficulty
Class IV	
Class IV+	
Class V-	
Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"				X
Overall whitewater "challenge"				X
Safety				X
Rate of travel			X	
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)

Flow preference	X

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow	X				

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?

500 cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow		X			

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow			X		

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?

No Response

33. Please provide any additional comments regarding your boating trip

world class run worthy of traveling from around the planet to explore.

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

yes

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

yes

Default Report

Displaying **32** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
174.32.9.236

Response Started:
Monday, July 25, 2011 4:08:08 PM

Response Modified:
Monday, July 25, 2011 4:19:04 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

12

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

150

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

no

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

july 2

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

1200

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

pm

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

	Length of Trip
Single-day trip	
Two-day trip	
Three-day trip	X
More than three-day trip	

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

No Response

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

No Response

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

20

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

9

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: unpredictable flows due to hell hole dam	

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

	Difficulty
Class IV	
Class IV+	
Class V-	
Class V	X
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"				X
Overall whitewater "challenge"				X
Safety				X
Rate of travel			X	
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)

Flow preference	X

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow	X				

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?

500 cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow		X			

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow			X		

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?

No Response

33. Please provide any additional comments regarding your boating trip

world class run worthy of traveling from around the planet to explore.

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

yes

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

yes

Default Report

Displaying **33** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
74.82.68.144

Response Started:
Tuesday, July 26, 2011 5:11:23 PM

Response Modified:
Tuesday, July 26, 2011 5:24:08 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

5

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

50

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	X
Class 5 (expert)	
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	X
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

no

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

july 1

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

july 2

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

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

11 am

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 4 pm
Day 2 Put-in time - 10 am
Day 2 Take-out time - 5 pm

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

12

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

8

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

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	X

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"				X
Overall whitewater "challenge"				X
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

400

33. Please provide any additional comments regarding your boating trip

No Response

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

yes

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

no

Default Report

Displaying **34** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
69.232.205.220

Response Started:
Tuesday, July 26, 2011 7:13:30 PM

Response Modified:
Tuesday, July 26, 2011 7:44:29 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

20

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

100 days

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

once before in 2006

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

7/9/11

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

600

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

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

3:30 pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 5:30 pm
Day 2 Put-in time - 10:00 am
Day 2 Take-out time - 4:00 pm

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

6 or 7

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

5

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

	Safety Hazards
No	**X**
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	**X**

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics			X	
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

I think around 800 cfs would be optimal

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

I think around 1200 cfs wold be max

33. Please provide any additional comments regarding your boating trip

It was an outstanding weekend of boating. I remembered how great it was in 2006. I hope I don't have to wait that long before I can run it again.

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

yes

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

yes

Default Report

Displaying **35** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
78.34.138.27

Response Started:
Wednesday, July 27, 2011 12:14:36 AM

Response Modified:
Wednesday, July 27, 2011 12:41:39 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

15

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

100 days

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	
Both multiple-day and single day recreational trips	

Multiple-day "expedition" trips	X
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

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

2

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

3rd of July, 6th ofJuly

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

ca 1200 cfs

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

3 pm, 2 pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 6 pm, 7pm
Day 2 Put-in time - 10 am, 10 am
Day 2 Take-out time - 2pm, 2 pm

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

10, 7

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

4, 1

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

No Response

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

	Difficulty
Class IV	
Class IV+	
Class V-	**X**
Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"				X
Overall whitewater "challenge"				X
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)

Flow preference	X

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow			X		

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?

No Response

33. Please provide any additional comments regarding your boating trip

No Response

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

No Response

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

No Response

Default Report

Displaying **36** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
98.238.164.130

Response Started:
Wednesday, July 27, 2011 10:00:40 AM

Response Modified:
Wednesday, July 27, 2011 10:12:29 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

12

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

80+

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

Yes , once about 6 years ago

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

Late June... a few days after it spiked on everyone...

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

1300

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

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

5 pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 5pm
Day 2 Put-in time - 9-10am
Day 2 Take-out time - 2-3pm

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

5 maybe not sure.. with in the 1st 4 miles it was hard to scout so we went...

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

1

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

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

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

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	
Class V+	X

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"	X			
Overall whitewater "challenge"				X
Safety			X	
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

We had like 1300-- you could do have that.. 1300 is not an ave class 5 boater flow.. You need a strong team with solid

probes to finish the run and have fun..

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow		X			

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?

800

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow			X		

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?

1300, it was sweet... I loved that flow for our group

33. Please provide any additional comments regarding your boating trip

This is an Awesome run.. Thanks for all the hard work and effort.. If you ever need help, please contact

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

yes

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

yes

Default Report

Displaying **37** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
76.14.125.95

Response Started:
Wednesday, July 27, 2011 12:31:25 PM

Response Modified:
Wednesday, July 27, 2011 12:39:34 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

6

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

100

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

Zero, I paddled it July 2011

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

July 2011

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

1200

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

no, my friends were doing logistics

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

530.pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 7pm
Day 2 Put-in time - 10am
Day 2 Take-out time - 4pm

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

4-6

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

1

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

	Safety Hazards
No	
Yes	**X**
If yes, please discribe: in the beginning there are large number of young trees on the edge of the river system that make it hard to eddy out, fortunately this section is pretty much all good to go.	

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

	Difficulty
Class IV	
Class IV+	
Class V-	**X**

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"		X		
Overall whitewater "challenge"				X
Safety			X	
Rate of travel				X
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

300cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

200-300

33. Please provide any additional comments regarding your boating trip

No Response

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

yes

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

potentially, if I am free and still in the country

Default Report

Displaying **38** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
63.70.138.254

Response Started:
Friday, July 29, 2011 10:21:30 AM

Response Modified:
Friday, July 29, 2011 12:55:27 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

24

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

100

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

No

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

Early May

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

300

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

No

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

PM

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 5:00 PM
Day 2 Put-in time - 9:00 AM
Day 2 Take-out time - 3:00 PM

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

8

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

3

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Many small sieves. Lots of alder thickets on banks making eddies hard to catch in places.	

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

	Difficulty
Class IV	
Class IV+	
Class V-	X

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability		X		
Availability of challenging technical boating			X	
Availability of powerful hydraulics		X		
Availability of "play areas"		X		
Overall whitewater "challenge"			X	
Safety		X		
Rate of travel				
Number of scouts				X
Number of portages				X

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow		X		

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	
No	X
Possibly	

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

Too Low

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow				X	

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?

600

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow					X

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?

1000

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

1500

33. Please provide any additional comments regarding your boating trip

No Response

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

Yes

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

Yes

Default Report

Displaying **39** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
72.37.244.76

Response Started:
Monday, August 1, 2011 11:58:53 AM

Response Modified:
Monday, August 1, 2011 12:11:13 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

19

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

40-50

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

Yes, once in 2006

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

April-May 2006?

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

550

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

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

12pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - camped at 5pm?
Day 2 Put-in time - 8am?
Day 2 Take-out time - 3pm

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

8-10?

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

1?

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

	Safety Hazards
No	
Yes	X
If yes, please discribe: Tree indundation was increased due to no flushing events regularly.	

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

	Difficulty
Class IV	
Class IV+	
Class V-	X

Class V	
Class V+	

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

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability			X	
Availability of challenging technical boating				X
Availability of powerful hydraulics			X	
Availability of "play areas"	X			
Overall whitewater "challenge"				X
Safety			X	
Rate of travel				X
Number of scouts				X
Number of portages			X	

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

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow			X	

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

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

	Willingness to return
Yes	X
No	
Possibly	

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

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

200 cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

450

33. Please provide any additional comments regarding your boating trip

Amazing river. Great gorges and camping. Could be a great raft run with 800-1000cfs in it.

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

Sure

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

Yes

Default Report

Displaying **40** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
98.238.164.130

Response Started:
Monday, August 1, 2011 4:20:09 PM

Response Modified:
Monday, August 1, 2011 4:35:43 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

10

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

80

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

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

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

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

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

no

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

3-4 days after flow study crew were flashed on

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

1300cfs

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

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

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

4pm

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

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

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

No Response

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 - 6pm
Day 2 Put-in time - 10am
Day 2 Take-out time - 4pm

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

4

19. Approximately how many times did you portage on this trip?

1-2

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	**X**
Yes	
If yes, please discribe: The flow we had was a great run for an experienced class V crew. We had alot of fun and were able to boat scout a majority of what is a another classic whitewater run iv'e been lucky enough to complete in California	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"		X		
Overall whitewater "challenge"				X
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

1800cfs

33. Please provide any additional comments regarding your boating trip

Awesome run would love to come back

34. Can you be contacted for more information or follow-up questions?

on above email

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

potentially

Default Report

Displaying **41** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
63.170.87.146

Response Started:
Monday, August 1, 2011 5:04:59 PM

Response Modified:
Monday, August 1, 2011 5:17:22 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

12

5. On average, about how many times a year do you boat?

300+ days

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

yes. Once

9. What was the date of your put-in?

July 1st and July 5th

10. What was your estimate of the flow (in CFS) at put-in?

July 1st. 900-1000 July 5th. 800-900

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

PM

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

trip 1. 4pm. trip 2. 5pm

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 - trip 1. 7.30pm. trip 2 7.00pm
Day 2 Put-in time - trip 1. 11am. trip 2 11.30am
Day 2 Take-out time - trip 1. 4pm. trip 2 3.30pm

18. Approximately how many times did you stop to scout during you trip?

10

19. Approximately how many times did you portage on this trip?

3-5

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	
Yes	X
If yes, please discribe: trees growing in the main flow. Unusual for a free flowing river.	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	X
Class V-	

Class V	
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"				
Overall whitewater "challenge"				X
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

No Response

33. Please provide any additional comments regarding your boating trip

Went in at 2000 cfs as well this season and hiked out/

34. Can you be contacted for more information or follow-up questions?

yes

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

yes

Default Report

Displaying **42** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
99.24.31.117

Response Started:
Monday, August 1, 2011 6:02:39 PM

Response Modified:
Monday, August 1, 2011 6:10:01 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

17

5. On average, about how many times a year do you boat?

20-50

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

2

9. What was the date of your put-in?

July 9

10. What was your estimate of the flow (in CFS) at put-in?

600 cfs

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

600 cfs

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

2 pm

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 6 pm
Day 2 Put-in time - 10 am
Day 2 Take-out time - 4 pm

18. Approximately how many times did you stop to scout during you trip?

15

19. Approximately how many times did you portage on this trip?

5

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	
Yes	X
If yes, please discribe: Brush on sides of river impede scouting. This was notably worse than when I last paddled the run, one time each in 2005 and 2006.	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	X

Class V	
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability		X		
Availability of challenging technical boating			X	
Availability of powerful hydraulics			X	
Availability of "play areas"			X	
Overall whitewater "challenge"			X	
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow	X			

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference					X

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	
No	X
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

Flow was 600 cfs first day then dropped to about 450 cfs. Second day was definitely too low. Would return at steady flow of 800 - 1200 cfs.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow				X	

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?

650 cfs would be minimum flow

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow					X

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?

I think 900 cfs would be optimum flow

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

I think 1500 cfs would be maximum flow

33. Please provide any additional comments regarding your boating trip

No Response

34. Can you be contacted for more information or follow-up questions?

yes but DO NOT post my information publicly.

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

No Response

Default Report

Displaying **43** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
107.0.75.2

Response Started:
Tuesday, August 2, 2011 7:19:35 AM

Response Modified:
Tuesday, August 2, 2011 7:24:48 AM

1. Your Name

2. Place of residence

3. Contact information

Phone Number - 9164466771

Email Address - funhog15@sbcglobal.net

4. How many years have you been whitewater boating?

22

5. On average, about how many times a year do you boat?

30

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

2

9. What was the date of your put-in?

6-28-11

10. What was your estimate of the flow (in CFS) at put-in?

800

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

11am

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 3pm
Day 2 Put-in time - 10
Day 2 Take-out time - 5

18. Approximately how many times did you stop to scout during you trip?

1

19. Approximately how many times did you portage on this trip?

1

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	X

Class V	
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics			X	
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

200 cfs higher

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

200 cfs higher

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

1200 cfs

33. Please provide any additional comments regarding your boating trip

No Response

34. Can you be contacted for more information or follow-up questions?

yes

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

no

Default Report

Displaying **44** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
75.247.55.77

Response Started:
Tuesday, August 2, 2011 11:16:46 AM

Response Modified:
Tuesday, August 2, 2011 11:33:43 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

9

5. On average, about how many times a year do you boat?

100 days

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

No (due to no water)

9. What was the date of your put-in?

7/2

10. What was your estimate of the flow (in CFS) at put-in?

No Response

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

2 pm

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 6
Day 2 Put-in time - 10
Day 2 Take-out time - 4

18. Approximately how many times did you stop to scout during you trip?

10

19. Approximately how many times did you portage on this trip?

4

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"				X
Overall whitewater "challenge"				X
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

100-200 cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

500-800 CFS

33. Please provide any additional comments regarding your boating trip

The Rubicon is a spectacular river that is extremely valuable to whitewater boating. The run is challenging yet manageable enough to appeal to a significant number of boaters. Its proximity to hubs of whitewater boating makes it

even more valuable for whitewater recreation.

34. Can you be contacted for more information or follow-up questions?

Yes.

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

Yes.

Default Report

Displaying **45** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
12.200.56.20

Response Started:
Tuesday, August 2, 2011 1:12:00 PM

Response Modified:
Tuesday, August 2, 2011 1:38:32 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

7

5. On average, about how many times a year do you boat?

30

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	X
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

NO

9. What was the date of your put-in?

July 12

10. What was your estimate of the flow (in CFS) at put-in?

ummmmmm 700

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

no, word of mouth

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

1 PM

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 730 PM
Day 2 Put-in time - 9 AM
Day 2 Take-out time - 5 PM

18. Approximately how many times did you stop to scout during you trip?

20

19. Approximately how many times did you portage on this trip?

10

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	
Yes	X
If yes, please discribe: Trees lining the river	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	X

Class V	
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				
Availability of powerful hydraulics				X
Availability of "play areas"				X
Overall whitewater "challenge"			X	
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference		X			

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	
No	
Possibly	X

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

The trees lining the river were a deterrent

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow	X				

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?

200

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow		X			

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

400

33. Please provide any additional comments regarding your boating trip

IMO it would be one of the best multi days in Cali if not for the trees

34. Can you be contacted for more information or follow-up questions?

Yes

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

Yes

Default Report

Displaying **46** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
98.208.56.114

Response Started:
Tuesday, August 2, 2011 2:18:48 PM

Response Modified:
Tuesday, August 2, 2011 2:23:19 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

9 years

5. On average, about how many times a year do you boat?

200

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	X
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

Nope

9. What was the date of your put-in?

7/7/2011

10. What was your estimate of the flow (in CFS) at put-in?

900

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

12:39PM

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 6pm
Day 2 Put-in time - 9am
Day 2 Take-out time - 12pm

18. Approximately how many times did you stop to scout during you trip?

5

19. Approximately how many times did you portage on this trip?

2

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	
Yes	X
If yes, please discribe: Lots of brush on the sides of the river	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"				X
Overall whitewater "challenge"				X
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

1500

33. Please provide any additional comments regarding your boating trip

Awesome river!

34. Can you be contacted for more information or follow-up questions?

Yes

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

yes

Default Report

Displaying **47** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
71.83.111.168

Response Started:
Tuesday, August 2, 2011 9:24:17 PM

Response Modified:
Tuesday, August 2, 2011 9:31:37 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

20

5. On average, about how many times a year do you boat?

100

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	X
All of the above - no specific preference	

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

2

9. What was the date of your put-in?

June 27, 2011

10. What was your estimate of the flow (in CFS) at put-in?

900

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

4 pm

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 8:30 pm
Day 2 Put-in time - 9 am
Day 2 Take-out time - 4 pm

18. Approximately how many times did you stop to scout during you trip?

20

19. Approximately how many times did you portage on this trip?

8

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	
Yes	X
If yes, please discribe: Due to the nature of a dewatered river there were an excessive amount of willows growing in the riverbed.	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	
Class V+	**X**

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				**X**
Availability of challenging technical boating				**X**
Availability of powerful hydraulics				**X**
Availability of "play areas"				**X**
Overall whitewater "challenge"				**X**
Safety				**X**
Rate of travel				**X**
Number of scouts				**X**
Number of portages				**X**

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				**X**

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference		X			

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

200 cfs 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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow		X			

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?

100 cfs 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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

100 cfs higher

33. Please provide any additional comments regarding your boating trip

This is one of the most beautiful rivers in California. It is personally my favorite 2 day trip.

34. Can you be contacted for more information or follow-up questions?

Yes

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

Yes

Default Report

Displaying **48** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
67.170.217.127

Response Started:
Tuesday, August 2, 2011 9:10:40 PM

Response Modified:
Tuesday, August 2, 2011 9:37:34 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

3

5. On average, about how many times a year do you boat?

120

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

no

9. What was the date of your put-in?

7/3/11

10. What was your estimate of the flow (in CFS) at put-in?

1156

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

2pm

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 5pm
Day 2 Put-in time - 10am
Day 2 Take-out time - 4pm

18. Approximately how many times did you stop to scout during you trip?

8

19. Approximately how many times did you portage on this trip?

6

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	
Yes	X
If yes, please discribe: thick alder tree fences blocking assess to shore	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability			X	
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"	X			
Overall whitewater "challenge"				X
Safety		X		
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference		X			

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

900cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow		X			

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?

1000cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

1200cfs

33. Please provide any additional comments regarding your boating trip

Thanks to everybody who provided the flow info on Rubicon during the spill. It was awesome to paddle this river. I'd like to see scheduled releases on this river so more people can enjoy it.

34. Can you be contacted for more information or follow-up questions?

yes

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

yes

Default Report

Displaying **49** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
67.170.217.127

Response Started:
Tuesday, August 2, 2011 9:37:50 PM

Response Modified:
Tuesday, August 2, 2011 9:50:05 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

3

5. On average, about how many times a year do you boat?

120

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

no

9. What was the date of your put-in?

7/9/11

10. What was your estimate of the flow (in CFS) at put-in?

675cfs

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

2pm

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 5pm
Day 2 Put-in time - 10am
Day 2 Take-out time - 5pm

18. Approximately how many times did you stop to scout during you trip?

5

19. Approximately how many times did you portage on this trip?

3

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability		X		
Availability of challenging technical boating			X	
Availability of powerful hydraulics			X	
Availability of "play areas"	X			
Overall whitewater "challenge"		X		
Safety			X	
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow		X		

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	
No	
Possibly	X

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

The flow was too low, especially on the day 2.There were many rapids with exposed rocks and manky overall, and those rapids were fun at higher flows.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow				X	

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?

750cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow					X

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?

800cfs

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

850cfs

33. Please provide any additional comments regarding your boating trip

Rubicon river can be boatable at wide range of flows. To my estimation, the flow is around 800 cfs is optimum for a solid class V boater. For a more advanced boater, a flow around 1000 cfs is more preferable, while the flow of 1200 cfs would probably serve an elite boater.

34. Can you be contacted for more information or follow-up questions?

yes

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

yes

Default Report

Displaying **50** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
166.205.137.36

Response Started:
Wednesday, August 3, 2011 8:08:20 AM

Response Modified:
Wednesday, August 3, 2011 8:16:48 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

10

5. On average, about how many times a year do you boat?

100

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	
Both multiple-day and single day recreational trips	

Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

1

9. What was the date of your put-in?

June 30th 2011 ??

10. What was your estimate of the flow (in CFS) at put-in?

800

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

Noon

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 5 pm
Day 2 Put-in time - 9 am
Day 2 Take-out time - 2 pm

18. Approximately how many times did you stop to scout during you trip?

6

19. Approximately how many times did you portage on this trip?

3

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	X

Class V
Class V+

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability			X	
Availability of challenging technical boating			X	
Availability of powerful hydraulics			X	
Availability of "play areas"			X	
Overall whitewater "challenge"			X	
Safety				X
Rate of travel			X	
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)

Flow preference	X

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	
No	
Possibly	X

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

A little more water would be ideal.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow				X	

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?

200 more

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

200 more

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

600 higher

33. Please provide any additional comments regarding your boating trip

No Response

34. Can you be contacted for more information or follow-up questions?

No

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

No

Default Report

Displaying **51** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
64.54.204.138

Response Started:
Wednesday, August 3, 2011 1:30:54 PM

Response Modified:
Wednesday, August 3, 2011 1:41:52 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

18

5. On average, about how many times a year do you boat?

50

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

Yes, 5 times total.

9. What was the date of your put-in?

May 7th, 2011

10. What was your estimate of the flow (in CFS) at put-in?

300-350

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

No

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

4PM

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 6:30PM
Day 2 Put-in time - 9AM
Day 2 Take-out time - 4PM

18. Approximately how many times did you stop to scout during you trip?

6-8

19. Approximately how many times did you portage on this trip?

5

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	
Yes	X
If yes, please discribe: The flows were lower and exposed many more rocks in the rapids. One incident which resulted in a dangerous swim by one member of our group was most certainly the result of dangerously exposed rocks in the first few miles where the water was very low. In a separate incident, I had a close encounter with a dangerous sieve that I was almost swept into because of the low water. On a return trip at a later date with higher water, the sieve was covered up and safe.	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	

Class IV+	
Class V-	
Class V	X
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability		X		
Availability of challenging technical boating		X		
Availability of powerful hydraulics		X		
Availability of "play areas"	X			
Overall whitewater "challenge"		X		
Safety	X			
Rate of travel		X		
Number of scouts		X		
Number of portages	X			

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow	X			

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference					X

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	
No	X
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

Far too many rocks were exposed in all the major rapids, increasing the number of portages, adding to the level of danger, and increasing scrape damage to the boats.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow				X	

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?

100-200 more at ellicott would be my estimate for minimum boatable flows (400-500 total)

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow					X

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?

500-700 more at ellicott would be optimal (800-1000 cfs total)

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

1000-1200 more would be the maximum acceptible flow (1300-1500 total)

33. Please provide any additional comments regarding your boating trip

No Response

34. Can you be contacted for more information or follow-up questions?

yes, via email

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

no

Default Report

Displaying **52** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
64.54.204.138

Response Started:
Wednesday, August 3, 2011 1:42:04 PM

Response Modified:
Wednesday, August 3, 2011 1:51:40 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

18

5. On average, about how many times a year do you boat?

50

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

5 times total

9. What was the date of your put-in?

July 9th, 2011

10. What was your estimate of the flow (in CFS) at put-in?

750

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	X
Ellicott Bridge	

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

11AM

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 5PM
Day 2 Put-in time - 9AM
Day 2 Take-out time - 4PM

18. Approximately how many times did you stop to scout during you trip?

15 (many more scouts on the sections between Hell Hole and Ellicott)

19. Approximately how many times did you portage on this trip?

12 (most portages were in the hell hole to ellicott section)

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	**X**
Yes	
If yes, please discribe:	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability			X	
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety			X	
Rate of travel				X
Number of scouts		X		
Number of portages		X		

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow			X	

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

200-300 lower is minimum (400-500 at ellicott total)

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

100-300 higher is optimal (800-1000 cfs at ellicott total)

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

600-800 more is maximal (1300-1500 total at ellicott)

33. Please provide any additional comments regarding your boating trip

My estimate of satisfaction/portage count/and quality is probably skewed negatively by the upper section between Hell Hole and Ellicott...that sections is much lower quality. If ranking the Ellicott to Ralston Section alone, I was much happier.

My estimate's for ideal flows related to the lower sections.

34. Can you be contacted for more information or follow-up questions?

yes, via email

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

no

Default Report

Displaying **53** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
24.32.24.253

Response Started:
Wednesday, August 3, 2011 6:01:31 PM

Response Modified:
Wednesday, August 3, 2011 6:09:49 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

12

5. On average, about how many times a year do you boat?

50

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	
Both multiple-day and single day recreational trips	

Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

No Response

9. What was the date of your put-in?

7/5/11

10. What was your estimate of the flow (in CFS) at put-in?

1200

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

Pm

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - Pm
Day 2 Put-in time - Am
Day 2 Take-out time - Pm

18. Approximately how many times did you stop to scout during you trip?

12

19. Approximately how many times did you portage on this trip?

5

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	
Yes	X
If yes, please discribe: Due, I think, to extended periods of fish flow, willow amd brush growth was a safety hazard in areas where it encroached on the main channel. It seems an extended period of high flow, ie a flood, would clean this vegetation out.	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	

Class V-	
Class V	X
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety			X	
Rate of travel				X
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow	X				

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?

600 cfs minimum

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

2000 cfs

33. Please provide any additional comments regarding your boating trip

Excellent run, great access, thanks for helping!

34. Can you be contacted for more information or follow-up questions?

Sure

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

Yes

Default Report

Displaying **54** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
76.235.121.110

Response Started:
Friday, August 5, 2011 11:49:39 AM

Response Modified:
Friday, August 5, 2011 12:02:30 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

12

5. On average, about how many times a year do you boat?

100

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

Yes once before in 2006.

9. What was the date of your put-in?

7/9/11

10. What was your estimate of the flow (in CFS) at put-in?

650

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

4.0

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

4PM

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 7PM
Day 2 Put-in time - 10AM
Day 2 Take-out time - 4PM

18. Approximately how many times did you stop to scout during you trip?

5

19. Approximately how many times did you portage on this trip?

5

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability			X	
Availability of challenging technical boating			X	
Availability of powerful hydraulics			X	
Availability of "play areas"				
Overall whitewater "challenge"				X
Safety			X	
Rate of travel			X	
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow			X	

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	
No	
Possibly	X

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

The flow on 7/9/11 was a quite acceptable level. The flow on 7/10/11 was too low, and not a flow I would put on this river at.

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow				X	

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?

My minimum acceptable flow was the ~650 flow of 7/9/11

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

150 higher (800 at Ellicott) would be an optimum flow

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

350 higher (1000 at Ellicott) would be the maximum flow I would boat this reach

33. Please provide any additional comments regarding your boating trip

I have previously boated the Rubicon at an estimate 800 cfs flow.

34. Can you be contacted for more information or follow-up questions?

Yes

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

Yes

Default Report

Displaying **55** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
70.41.234.212

Response Started:
Friday, August 5, 2011 1:19:15 PM

Response Modified:
Friday, August 5, 2011 1:31:47 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

36

5. On average, about how many times a year do you boat?

25 to 30

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

no

9. What was the date of your put-in?

July 3

10. What was your estimate of the flow (in CFS) at put-in?

1000 cfs

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	
Raft	
Cata-raft	X
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

6 pm

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	
Three-day trip	
More than three-day trip	X

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 8 pm
Day 2 Put-in time - 8 am
Day 2 Take-out time - 4 pm
Day 3 Put-in time - 8 am
Day 3 Take-out time - 4 pm
Day 4 Put-in time - 8 am
Day 4 Take-out time - 6 pm

18. Approximately how many times did you stop to scout during you trip?

40 or 50

19. Approximately how many times did you portage on this trip?

4

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	
Yes	**X**
If yes, please discribe: extreme willow and brush growth along and across river	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	
Class V	
Class V+	X

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"				
Overall whitewater "challenge"				X
Safety			X	
Rate of travel			X	
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)

Satisfaction with flow	X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow			X		

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?

No Response

33. Please provide any additional comments regarding your boating trip

difficult river due to impeded view of rapids from river level...knowing in advance where scouts nbeeded or not is valuable info

34. Can you be contacted for more information or follow-up questions?

yes

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

yes

Default Report

Displaying **56** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
70.36.146.78

Response Started:
Friday, August 5, 2011 2:25:06 PM

Response Modified:
Friday, August 5, 2011 2:31:40 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

23

5. On average, about how many times a year do you boat?

50

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	
Class 5+ (elite)	X

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

NO

9. What was the date of your put-in?

May 7

10. What was your estimate of the flow (in CFS) at put-in?

400

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

no

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

PM

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

17. If your trip was more than one day please provide the approximate times for put-in and take-out (indicate AM or PM).

No Response

18. Approximately how many times did you stop to scout during you trip?

5?

19. Approximately how many times did you portage on this trip?

1 or 2?

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	
Class V	
Class V+	X

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability		X		
Availability of challenging technical boating			X	
Availability of powerful hydraulics		X		
Availability of "play areas"		X		
Overall whitewater "challenge"		X		
Safety				X
Rate of travel			X	
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow		X		

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)

Flow preference	X

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	
No	X
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow					X

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow					X

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow					X

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?

Should be 1000 or above.

33. Please provide any additional comments regarding your boating trip

Fun, pretty but too low.

34. Can you be contacted for more information or follow-up questions?

Sure

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

Sure

Default Report

Displaying **57** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
24.34.179.72

Response Started:
Friday, August 5, 2011 8:33:25 PM

Response Modified:
Friday, August 5, 2011 8:40:03 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

8

5. On average, about how many times a year do you boat?

80

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	X

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

no

9. What was the date of your put-in?

June 30, July 4

10. What was your estimate of the flow (in CFS) at put-in?

1200, 1000

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

12 noon

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 5pm
Day 2 Put-in time - 10 am
Day 2 Take-out time - 4 pm

18. Approximately how many times did you stop to scout during you trip?

10

19. Approximately how many times did you portage on this trip?

5

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	X
Yes	
If yes, please discribe:	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	

Class V	X
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"			X	
Overall whitewater "challenge"				X
Safety				X
Rate of travel				X
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference				X	

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

700 CFS

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow				X	

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?

1200 CFS

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

1600

33. Please provide any additional comments regarding your boating trip

Amazing run.

34. Can you be contacted for more information or follow-up questions?

Yes

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

In New England

Default Report

Displaying **58** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
99.92.23.122

Response Started:
Friday, August 5, 2011 9:21:01 PM

Response Modified:
Friday, August 5, 2011 9:29:36 PM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

17

5. On average, about how many times a year do you boat?

65,70

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	X
Multiple-day "expedition" trips	
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

Once 06

9. What was the date of your put-in?

4th July 2011

10. What was your estimate of the flow (in CFS) at put-in?

1000

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

2:30 pm

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	X
Three-day trip	
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 7:00pm
Day 2 Put-in time - 10:00am
Day 2 Take-out time - 5:00pm

18. Approximately how many times did you stop to scout during you trip?

3 or 4

19. Approximately how many times did you portage on this trip?

2

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	**X**
Yes	
If yes, please discribe:	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	
Class IV+	
Class V-	**X**

Class V	
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics			X	
Availability of "play areas"		X		
Overall whitewater "challenge"				X
Safety			X	
Rate of travel				X
Number of scouts				X
Number of portages				X

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow				X

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow		X			

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?

700cfs?

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

1300 would be spicy for me

33. Please provide any additional comments regarding your boating trip

No Response

34. Can you be contacted for more information or follow-up questions?

Y

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

N

Default Report

Displaying **59** of **59** respondents

Response Type:
Normal Response

Collector:
2011 Rubicon River Whitewater Flow Study (Web Link)

Custom Value:
empty

IP Address:
174.32.9.236

Response Started:
Friday, August 5, 2011 11:47:37 PM

Response Modified:
Saturday, August 6, 2011 12:12:13 AM

1. Your Name

2. Place of residence

3. Contact information

4. How many years have you been whitewater boating?

19

5. On average, about how many times a year do you boat?

200

6. What is your boating skill level? (Use American Whitewater's International Scale of Whitewater Difficulty)

	Boating Skill Level
Class 3 (intermediate)	
Class 4 (advanced)	
Class 4+	
Class 5-	
Class 5 (expert)	X
Class 5+ (elite)	

7. How would you best describe the "type" of boating you prefer?

	Type of boating preferred
Single-day recreational trips	
Multiple-day recreational trips	

Both multiple-day and single day recreational trips	
Multiple-day "expedition" trips	X
"Exploratory" single-day or multiple-day river trips	
All of the above - no specific preference	

8. Have you previously boated the Rubicon River (any section between Hell Hole Dam and Ralston Afterbay) before 2011? If so, how many times?

2

9. What was the date of your put-in?

6/27/11

10. What was your estimate of the flow (in CFS) at put-in?

~1000 cfs

11. Do you know the staff gauge reading at the time you put-in? If so, please indicate

No Response

12. Where did you put-in?

	Put-in Location
Hell Hole Dam	
Ellicott Bridge	X

13. What type of boat did you use?

	Boat Type
Kayak	X
Raft	
Cata-raft	
Inflatable Kayak	

14. What time did you put-in (indicate AM or PM)?

pm

15. Was this a single-day or multiple-day trip?

	Length of Trip
Single-day trip	
Two-day trip	
Three-day trip	X
More than three-day trip	

16. If your trip was a single-day, what time did you take-out (indicate AM or PM)?

No Response

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 - 7pm
Day 2 Put-in time - 9am
Day 2 Take-out time - 6pm
Day 3 Put-in time - 7am
Day 3 Take-out time - 2pm

18. Approximately how many times did you stop to scout during you trip?

less than 10

19. Approximately how many times did you portage on this trip?

4-5?

20. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty?

	Safety Hazards
No	
Yes	X
If yes, please discribe: Willows and alders growing in the eddies made it difficult to stop and scout at times	

21. Rate the difficulty of the whitewater for this trip (Use American Whitewater's International Scale of Whitewater Difficulty)

	Difficulty
Class IV	

Class IV+	
Class V-	
Class V	X
Class V+	

22. Rate the following characteristics at the flow you boated during this trip

	Highly Unacceptable (1)	Moderately Unacceptable (2)	Moderaly Acceptable (3)	Highly Acceptable (4)
Overall boatability				X
Availability of challenging technical boating				X
Availability of powerful hydraulics				X
Availability of "play areas"		X		
Overall whitewater "challenge"			X	
Safety			X	
Rate of travel			X	
Number of scouts			X	
Number of portages			X	

23. Rate your overall satisfaction with the flow you boated.

	Highly Unsatisfied (1)	Moderately Unsatisfied (2)	Moderately Satisfied (3)	Highly Satisfied (4)
Satisfaction with flow			X	

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Flow preference			X		

25. Would you return to boat the Rubicon River again at the flow you boated during this trip?

	Willingness to return
Yes	X
No	
Possibly	

26. If you answered "No" or "Possibly" to the preceding question (#25) please explain

No Response

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Minimum Acceptable Flow	X				

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?

minimum that I would return would be 600 cfs at put in

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Optimum Flow			X		

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?

I think the optimum flow would be 900-1000 at put in

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 (1)	Slightly Lower Flow (2)	About the Same Flow (3)	Slightly Higher Flow (4)	Much Higher Flow (5)
Maximum Acceptable Flow				X	

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?

No Response

33. Please provide any additional comments regarding your boating trip

We had nearly 5500 cfs at take out. It was a little too high

34. Can you be contacted for more information or follow-up questions?

yes

35. Would you be willing to participate in a "Focus Group" discussion about whitewater boating flows in the Rubicon River?

yes