

**STUDY REPORT RR-03  
LOWER TUOLUMNE RIVER LOWEST BOATABLE FLOW**

**ATTACHMENT A**

**LOWEST BOATABLE FLOW QUESTIONNAIRE**

## BOATING SURVEY for the LOWER TUOLUMNE RIVER

**Thank you for participating in the Lower Tuolumne River Boatable Flow Study. The following questionnaire will help MID and TID understand more about the lowest boatable flow on the Lower Tuolumne River.**

**1. Approximately how many times have you boated this reach?**

- a. Total number of times (including today) \_\_\_\_\_  
 b. Number of time in the last 12 months (including today) \_\_\_\_\_  
 c. What months of the year do you normally boat this reach? (Circle all that apply)  
 Jan Feb Mar Apr Ma Jun Jul Aug Sep Oct Nov Dec

**2. How many years have you been boating the reach? \_\_\_\_\_**

**3. In general, how many days per year do you spend flatwater boating? \_\_\_\_\_**

**4. What type of boats do you commonly use for flatwater boating?**

- Canoe       Sit-on-top kayak       Tube  
 Kayak       Drift raft       Other. Specify: \_\_\_\_\_

**5. How would you rate your flatwater boating skill level?**

- Expert       Intermediate  
 Highly skilled       Novice/Beginner

**6. What sources of information do you use for Lower Tuolumne River flow information? (Check all that apply.)**

- USGS website       Visual observation       I don't look for flow information  
 TID or MID websites       Other boaters

**7. How far in advance do you need flow information to use it for planning trips to the Lower Tuolumne River?**

- More than 48 hours       12-24 hours  
 24-48 hours       Fewer than 12 hours

**8. Approximately how many miles is it from your home to here? \_\_\_\_\_**

**9. Based on your experience, list comparable river reaches to this one.**

- a. \_\_\_\_\_  
 b. \_\_\_\_\_  
 c. \_\_\_\_\_  
 d. \_\_\_\_\_  
 e. \_\_\_\_\_

### Questions About the Run You Just Completed

**10. Please indicate the date, flow level, put-in & take-out locations for your run.**

- a. Date: \_\_\_\_\_  
 b. Flow (cfs): \_\_\_\_\_  
 c. Put-in location: \_\_\_\_\_  
 d. Take-out location: \_\_\_\_\_

**11. What type of watercraft did you use?**

- Canoe       Sit-on-top kayak       Tube  
 Kayak       Drift raft       Other. Specify: \_\_\_\_\_

**12. Did you encounter other boaters during this run (not part of this study group)?**

- No       Yes ► How many? \_\_\_\_\_. What type of watercraft? \_\_\_\_\_

**13. What type of hazards and challenges did you encounter on this run?**

- Portages. How many? \_\_\_\_\_  
 Debris or overhanging vegetation that was difficult to avoid. How many locations? \_\_\_\_\_  
 Scraped bottom. How many times? \_\_\_\_\_  
 Exciting or fun runs or chutes. How many locations? \_\_\_\_\_

**Using the map on the back, mark the locations of hazards & challenges you encountered. (P =Portage, D=Debris/overhanging vegetation, Sc =Scraped bottom, E=Exciting/fun run or chute)**

**14. How long did it take you to complete the run? \_\_\_\_\_hours \_\_\_\_\_minutes**

**15. For the watercraft-type you boated in for this run, was this flow boatable?**

- No       Yes

**16. Do you think this flow is boatable for other watercraft-types?**

- No       Yes If YES, which types? \_\_\_\_\_

**17. Describe the quality & functionality of the put-in & take-out locations you used.**

- a. Put-In: \_\_\_\_\_  
 \_\_\_\_\_  
 b. Take-Out: \_\_\_\_\_  
 \_\_\_\_\_

### Recreation Activities Other Than Boating

**18. Did you observe any recreation activity besides boating during this run?**

- Swimming       Bicycling       Relaxing or playing on the shore  
 Fishing       Hiking or walking

**Using the map on the back, mark the locations of recreation activities you observed. (Sw=Swimming, R=Relaxing/playing on the shore, F=Fishing, H=Hiking/walking, B=Bicycling)**

# BOATING SURVEY for the LOWER TUOLUMNE RIVER

Please use the map below to mark locations related to Question 13 and 18 using the following key.

| Types of Hazards/Challenges Encountered on this Run?   | Other Recreation Activities Observed on the Run?   |
|--|--|
| <ul style="list-style-type: none"> <li>◦ P = Portage</li> <li>◦ D = Debris/overhanging vegetation</li> </ul> | <ul style="list-style-type: none"> <li>◦ Sc = Scraped bottom</li> <li>◦ E = Exciting or fun run/chute</li> <li>◦ Sw = Swimming</li> <li>◦ F = Fishing</li> <li>◦ H = Hiking/walking</li> <li>◦ B = Bicycling</li> <li>◦ R = Relaxing/playing on the shore</li> </ul> |



**Upper Run: La Grange Dam to Turlock Lake State Recreation Area.**



**Lower Run: Turlock Lake State Recreation Area to Waterford.**