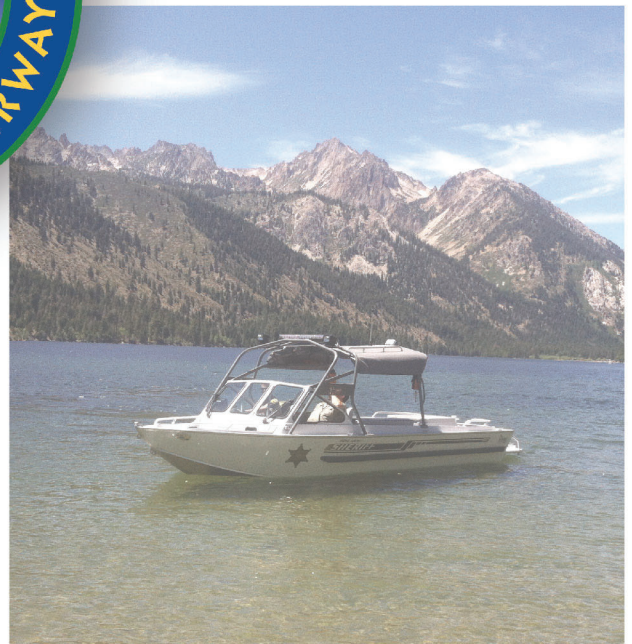


# CALIFORNIA BOATING FACILITIES NEEDS ASSESSMENT

2019



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**CBFNA**

**VOLUME IV**



**NORTHERN  
CALIFORNIA**

**CALIFORNIA BOATING FACILITIES NEEDS ASSESSMENT**



# **CALIFORNIA BOATING FACILITIES NEEDS ASSESSMENT**

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## ***California Natural Resources Agency***

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## ***California Department of Parks and Recreation***

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## ***Division of Boating and Waterways***

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December 2019

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**California State University, Sacramento**



SACRAMENTO STATE

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The statements and conclusions of this report are those of the contractor and not necessarily those of the California Division of Boating and Waterways, or its employees. The division makes no warranties, express or implied, and assumes no liability for the information in the succeeding text.



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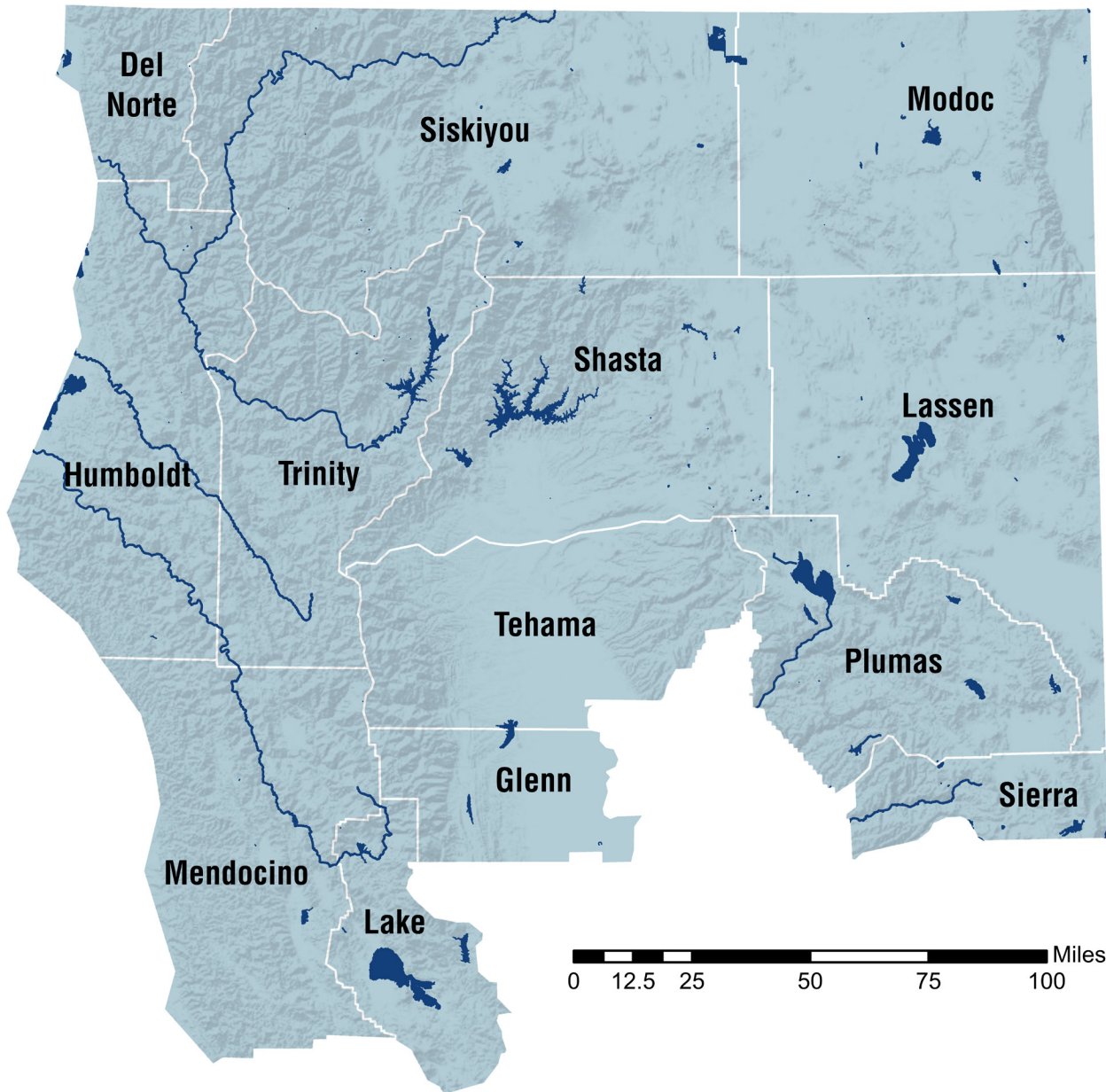
## Introduction

In *Volume IV: Northern California*, findings for this region and its waterways are provided. In the first part of this volume, the regions' counties and waterways are identified, followed by descriptions of the motorized and non-motorized boater study participants who reside in this region. Preferred waterways located in this region—as reported by both motorized and non-motorized study participants—are identified. Descriptions of these waterways' facility needs, issues, and reasons for boating are summarized. Forecasts for registered motorized boats in this region are provided, in addition to summary statistics for existing facilities. Data are included for all waterways at the end of this volume in the appendices.



# Region's Counties & Waterways

The Northern California region is comprised of 13 counties: Del Norte, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Plumas, Shasta, Sierra, Siskiyou, Tehama, and Trinity. Within this region, 89 waterways have been identified as having recreational opportunities for motorized and/or non-motorized boaters (Table 1).



**Table 1. Waterways in the Region**

<b>Waterways</b>		
Albion River	Freshwater Lagoon	Mountain Meadows Reservoir
Antelope Lake	Freshwater Slough	North Battle Creek Reservoir
Baum Lake	Gold Lake	Noyo River
Benbow Lake	Hookton Slough	Pacific Ocean
Big Lagoon	Horr Pond	Pacific Ocean-Shelter Cove
Big Sage Reservoir	Horseshoe Lake	Packer Lake
Black Butte Lake	Humboldt Bay	Pit River
Blue Lake	Indian Valley Reservoir	Reservoir C
Blue Lakes (Upper & Lower)	Iron Gate Reservoir	Reservoir F
Bucks Lake	Janes Reservoir	Russian Gulch
Butt Valley Reservoir	Juanita Lake	Ruth Lake
Castle Lake	Klamath River	Ryan Slough
Clear Creek	Lake Almanor	Salmon Lake
Clear Lake	Lake Britton	Salmon River
Copco Reservoir	Lake Davis	Sardine Lake (Lower)
Crater Lake	Lake McCloud	Shasta Lake
Crescent City Harbor	Lake Mendocino	Smith River
Dead Lake	Lake Pillsbury	Stampede Reservoir
Dodge Reservoir	Lake Shastina	Stone Lagoon
Dorris Reservoir	Lake Siskiyou	Stony Gorge Reservoir
Duncan Reservoir	Lakes Earl & Talawa	Stuart Fork River
Eagle Lake	Lewiston Lake	Trinidad Harbor
Eel River	Little Grass Valley Reservoir	Trinity Lake
Elk River	Little River	Trinity River
Eureka Slough	Lower Biscar Reservoir	Tule Lake
Fall River Lake	Macumber Reservoir	Webber Lake
Feather River-North Fork	Mad River	West Valley Reservoir
Fee Reservoir	Mad River Slough	Whiskeytown Lake
Fish Lake	Manzanita Lake	Yuba River
Frenchman Lake	Medicine Lake	

*Total Count = 89*

# Motorized Boater Survey

For the Northern California region, a total of 302 registered boat owners responded to this survey. The sample of motorized recreational boaters reside across a range of counties within this region with most of the respondents residing in Shasta, followed by Siskiyou (Table 2).

## Participants' Characteristics & Boat Ownership

This results section provides information on study participants, including information on participants' demographics, their households, and types of boats owned.

### Characteristics of Online Study Participants

Survey respondents were asked a range of demographic questions. Questions included ones related to gender, age, number of adults and children in the household, income, education level, ethnicity, and primary language spoken. The demographic questions were voluntary, and just over half of the respondents (approximately 50%) chose to answer these questions.

Of those who chose to disclose his/her gender, the overwhelming majority were males (Table 3).

The average age is 74, and the median is 76 years old (Table 4).

The number of adults and children reported in participants' household are summarized in Table 5 and Table 6, respectively.

**Table 6. Number of Children in Household**

Children	Respondents	Percent
0	133	86.4%
1	9	5.8%
2	7	4.5%
3+	5	3.2%

*N* = 154

**Table 2. Counties Where Respondents Reside**

County	Respondents	Percent
Shasta	108	35.8%
Siskiyou	58	19.2%
Lassen	28	9.3%
Plumas	26	8.6%
Humboldt	16	5.3%
Mendocino	14	4.6%
Lake	13	4.3%
Tehama	13	4.3%
Glenn	8	2.6%
Trinity	7	2.3%
Modoc	7	2.3%
Del Norte	4	1.3%

*N* = 302

**Table 3. Gender of Survey Respondents**

Gender	Respondents	Percent
Female	21	13.5%
Male	135	86.5%

*N* = 156

**Table 4. Age of Survey Respondents**

Age Range	Respondents	Percent
30-39	1	0.6%
40-49	6	3.8%
50-59	9	5.7%
60-69	29	18.5%
70-79	51	32.5%
80-89	52	33.1%
Over 89	9	5.7%

*N* = 157

**Table 5. Number of Adults in Household**

Adults	Respondents	Percent
1	20	12.8%
2	124	79.5%
3+	12	7.7%

*N* = 156

For those responding to income-related questions, total household income and number of people contributing to household income can be found in Table 7 and Table 8, respectively.

**Table 7. Total Household Income (Before Taxes)**

Income Range	Respondents	Percent
under \$25,000	17	10.6%
\$25,000 - \$49,999	25	15.6%
\$50,000 - \$74,999	36	22.5%
\$75,000 - \$99,999	41	25.6%
\$100,000 - \$124,999	19	11.9%
\$125,000 - \$149,999	8	5.0%
\$150,000 - \$174,999	4	2.5%
\$175,000 - \$199,999	3	1.9%
\$200,000 or more	7	4.4%

*N = 160*

The majority of respondents (60.5%) have completed some form of higher education: a 2-year degree, 4-year degree, or graduate school (Table 9).

Ethnicity and primary language spoken reported by survey respondents can be found in Table 10 and Table 11, respectively.

## Boat Ownership of Study Participants

Respondents were asked how many motorized boats they owned. The large majority (69.9%) indicated owning only one motorized boat (Table 12).



**Table 8. Number Contributing to Household Income**

Earners	Respondents	Percent
1	48	30.0%
2	108	67.5%
3+	4	2.5%

*N = 160*

**Table 9. Participants' Highest Education Level Completed**

Education Level	Respondents	Percent
Did not complete high school	2	1.3%
High School	55	35.0%
2-Year College Degree	41	26.1%
4-Year College Degree	33	21.0%
Graduate School	21	13.4%
Other	5	3.2%

*N = 157*

**Table 10. Ethnicity of Survey Respondents**

Ethnicity	Respondents	Percent
White	147	96.1%
Native American	4	2.6%
Asian	1	0.7%
Prefer not to answer	1	0.7%

*N = 153*

**Table 11. Primary Language of Survey Respondents**

Primary Language	Respondents	Percent
English	156	100.0%

*N = 156*

**Table 12. Number of Motorized Boats Owned**

Number of Boats	Respondents	Percent
1	207	69.9%
2	68	23.0%
3	17	5.7%
4	2	0.7%
5+	2	0.7%

*N = 296*



Respondents were also asked to identify the type of boat(s) they own. Participants owning more than one boat registered with the DMV or USCG were asked to identify which of their registered motorized boats they consider their “primary” boat (i.e., used most frequently).

Approximately 46.5% of the registered boat owners reported a powerboat as their primary boat. Bass boat/jon boats were the second most frequently reported boat, followed by rowboats with a motor and pontoon boats (Table 13).

Participants were also asked how many non-motorized boats they own (Table 14). Approximately, 49.0% of the survey respondents did not own a non-motorized boat, while the other 51.0% reported owning a non-motorized watercraft. Those not owning a non-motorized boat were asked if they were interested in non-motorized boating, and 40.8% indicated interest in non-motorized boating activities (Table 15).

Participants owning more than one boat (motorized or non-motorized) were asked which boat was their “secondary” boat (i.e., used second most frequently). There was a wide range of responses with kayaks being mentioned the most frequently (Table 16).

**Table 16. Secondary Boat Types**

Boat Type	Respondents	Percent
Kayak	61	33.7%
Powerboat	25	13.8%
Canoe	23	12.7%
Rowboat (w/ motor)	16	8.8%
Other	13	7.2%
Bass boat / jon boat	11	6.1%
Inflatable w/ motor	7	3.9%
Rowboat (w/o motor)	7	3.9%
Paddleboard	5	2.8%
Pontoon boat	5	2.8%
Sailboat (> 8 ft) w/ aux	4	2.2%
Houseboat	1	0.6%
Sailboat (< 8 ft)	1	0.6%
Kitesurfer	1	0.6%
Cabin cruiser	1	0.6%

*N* = 181

**Table 13. Primary Motorized Boat**

Types of Boats	Respondents	Percent
Powerboat	134	46.5%
Bass boat / jon boat	51	17.7%
Rowboat (w/ motor)	39	13.5%
Pontoon boat	29	10.1%
Sailboat (> 8 ft) w/ aux	11	3.8%
Other	10	3.5%
Houseboat	6	2.1%
Cabin cruiser	6	2.1%
Inflatable w/ motor	2	0.7%

*N* = 288

**Table 14. Number of Non-motorized Boats**

Number of Boats	Respondents	Percent
0	148	49.0%
1	57	18.9%
2	59	19.5%
3	20	6.6%
4	10	3.3%
5+	8	2.6%

*N* = 302

**Table 15. Interest in Non-motorized Boating Activities**

Interest	Respondents	Percent
No	87	59.2%
Yes	60	40.8%

*N* = 147



In response to a question about whether or not their boat was also their primary residence, the overwhelming majority of respondents (approximately 92.5%) reported “no” (Table 17).

**Table 17. Boat as Primary Residence**

Primary Residence	Respondents	Percent
No	270	92.5%
Yes	22	7.5%

*N* = 292

## Non-Motorized Boater Survey

For the Northern California region, a total of 90 non-motorized boaters responded to this survey. The sample of non-motorized recreational boaters reside across a range of counties within this region (Table 18).

**Table 18. Counties Where Respondents Reside**

County	Respondents	Percent
Humboldt	37	41.1%
Mendocino	11	12.2%
Sierra	8	8.9%
Trinity	8	8.9%
Medocino	7	7.8%
Shasta	6	6.7%
Tehama	5	5.6%
Plumas	3	3.3%
Lake	2	2.2%
Siskiyou	1	1.1%
Modoc	1	1.1%
Del Norte	1	1.1%

*N* = 90

### Participants' Characteristics & Boat Ownership/Rentals

This results section provides information on the study participants, including information on participants' demographics, their households, and types of boats owned or rented.

### Characteristics of Online Study Participants

Survey respondents were asked a range of demographic questions. Questions included ones related to gender, age, number of adults and children in the household, income, education level, ethnicity, and primary language spoken. The demographic questions were voluntary, and just over half of the respondents (approximately 63%) chose to answer these questions.

**Table 19. Gender of Survey Respondents**

Gender	Respondents	Percent
Female	19	33.3%
Male	37	64.9%
Prefer not to say	1	1.8%

*N* = 57

Of those who chose to disclose his/her gender, the majority (64%) were males (Table 19).

**Table 20. Age of Survey Respondents**

Age Range	Respondents	Percent
18-29	3	5.26%
30-39	8	14.04%
40-49	5	8.77%
50-59	14	24.56%
60-69	21	36.84%
70-79	6	10.53%

*N* = 57

The average age is 55, and the median is 58 years old (Table 20).

The number of adults and children reported in participants' household are summarized in Table 21 and Table 22, respectively

**Table 21. Number of Adults in Household**

Adults	Respondents	Percent
1	17	29.8%
2	33	57.9%
3	4	7.0%
4	3	5.3%

*N* = 57

**Table 22. Number of Children in Household**

Children	Respondents	Percent
0	43	76.8%
1	9	16.1%
2	3	5.4%
3	1	1.8%

*N* = 56

For those responding to income-related questions, total household income and number of people contributing to household income can be found in Table 23 and Table 24, respectively.

**Table 23. Total Household Income (Before Taxes)**

Income Range	Respondents	Percent
under \$25,000	2	3.5%
\$25,000 - \$49,999	6	10.5%
\$50,000 - \$74,999	13	22.8%
\$75,000 - \$99,999	9	15.8%
\$100,000 - \$124,999	8	14.0%
\$125,000 - \$149,999	4	7.0%
\$150,000 - \$174,999	5	8.8%
\$175,000 - \$199,999	5	8.8%
\$200,000 or more	5	8.8%

*N* = 57

**Table 24. Number Contributing to Household Income**

Earners	Respondents	Percent
1	22	40.0%
2	32	58.2%
3	1	1.8%

*N* = 55

The majority of respondents (89.3%) have completed some form of higher education: a 2-year degree, 4-year degree, or graduate school (Table 25).

Ethnicity and primary language spoken reported by survey respondents can be found in Table 26 and Table 27, respectively.

**Table 26. Ethnicity of Survey Respondents**

Ethnicity	Respondents	Percent
White	40	75.5%
Asian	4	7.5%
Native Hawaiian or Pacific Islander	3	5.7%
Bi/multiracial	3	5.7%
Prefer not to say	2	3.8%
Black or African American	1	1.9%

*N* = 53

**Table 25. Participants' Highest Education Level Completed**

Education Level	Respondents	Percent
2-Year College Degree	5	8.9%
4-Year College Degree	20	35.7%
Graduate School	25	44.6%
High School	4	7.1%
Other	2	3.6%

*N* = 56

**Table 27. Primary Language of Survey Respondents**

Primary Language	Respondents	Percent
English	53	93.0%
Spanish	1	1.8%
Punjabi	1	1.8%
Cantonese	1	1.8%
Other	1	1.8%

*N* = 57

## Boat Ownership/Rentals of Study Participants

Respondents were asked if they owned, rented, or both owned and rented non-motorized boats. The majority (83.3%) indicated that they owned a boat(s) (Table 28).

Those respondents owning a non-motorized watercraft were asked how many non-motorized boats they own. Approximately, 70% reported owning two or more boats (Table 29).

Respondents were also asked to identify the type of boat(s) they own. The most frequently mentioned boats include ocean kayaks (touring), ocean kayaks (sit on top), stand up paddleboards (SUP), river kayaks, and outrigger canoes (Table 30).

Those respondents renting boats were also asked to identify the type of boat(s) they rent. The most frequently mentioned boats include outrigger canoes, dragon boats, and stand up paddleboards (SUP) (Table 31).

**Table 28. Own vs. Rent Boats**

Number of Boats	Respondents	Percent
Both Rent and Own	13	14.4%
Own	62	68.9%
Rent	15	16.7%

*N* = 90

**Table 29. Number of Non-motorized Boats Owned**

# of Boats Owned	Respondents	Percent
1	21	30.0%
2	14	20.0%
3	4	5.7%
4	4	5.7%
5	10	14.3%
6 - 10	11	15.7%
11 or more	6	8.6%

*N* = 70

**Table 31. Boat Types Rented by Participants**

Boat Type	Responses	Percent
Outrigger canoe	8	17.8%
Dragon boat	7	15.6%
SUP	7	15.6%
River kayak	4	8.9%
Sailboat (<8 ft)	4	8.9%
Scull/shell	3	6.7%
Canoe	2	4.4%
Ocean kayak (sit on top)	2	4.4%
Ocean kayak (touring)	2	4.4%
Whitewater raft	2	4.4%
Windsurfer	2	4.4%
Dinghy/small raft	1	2.2%
Inflatable kayak	1	2.2%
Dory	0	0.0%
Kitesurfer	0	0.0%
Prone paddleboard	0	0.0%
Rowboat	0	0.0%
Surfski /surf kayak	0	0.0%

*Total Count* = 45

**Table 30. Boat Types Owned by Participants**

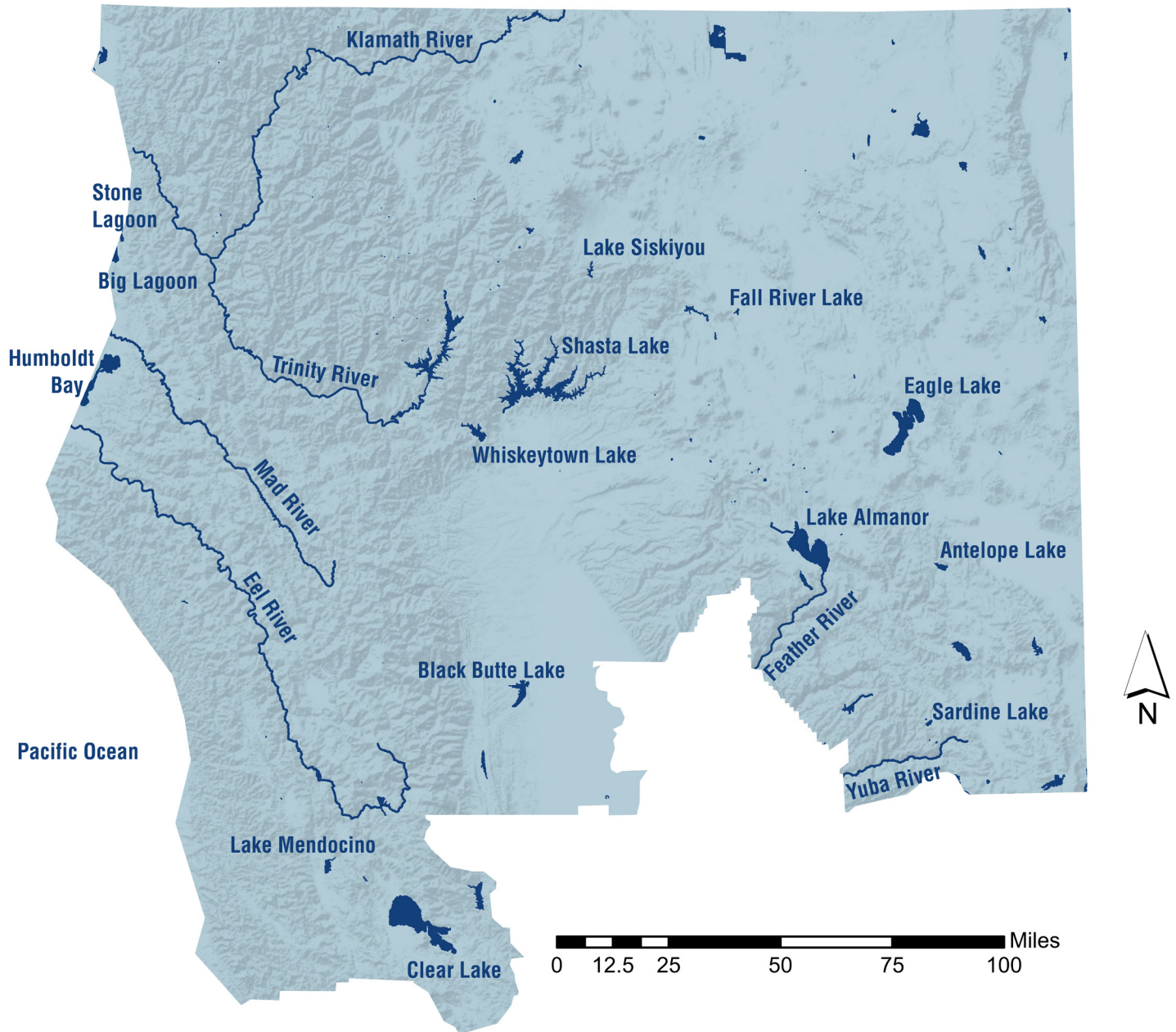
Boat Type	Responses	Percent
Ocean kayak (touring)	23	13.9%
Ocean kayak (sit on top)	22	13.3%
SUP	22	13.3%
River kayak	21	12.7%
Outrigger canoe	18	10.8%
Canoe	13	7.8%
Inflatable kayak	12	7.2%
Windsurfer	7	4.2%
Rowboat	6	3.6%
Scull/shell	5	3.0%
Dragon boat	4	2.4%
Surfski /surf kayak	4	2.4%
Whitewater raft	4	2.4%
Kitesurfer	2	1.2%
Sailboat (<8 ft)	2	1.2%
Prone paddleboard	1	0.6%
Dinghy/small raft	0	0.0%
Dory	0	0.0%

*Total Count* = 166



# Waterways Used by Recreational Boaters
























In both the motorized and non-motorized boater surveys, participants were asked to identify two waterways in California they most frequently used for recreational boating activities within the past two years (see map for waterways identified by participants as most frequented). Subsequent questions focused on aspects related to the particular waterway, including (a) what types of boats they use on the waterway and (b) perceptions of use and level of crowdedness.



## Most Frequented Waterways

The following table summarizes the waterways most frequently reported for motorized and non-motorized boaters (Table 32) in response to the question: *Which two waterways have you visited most frequently within the past 2 years?* The “propeller” icon represents approximately 5% of those main waterways reported in Table 32 as most frequently visited by motorized boaters. For example, Shasta Lake represents 25% (5 propellers) of those reported as most frequently visited waterways by motorized-boater study participants. Similarly, the “paddle” icon represents approximately 5% of those waterways reported as most frequently visited by non-motorized-boater study participants. For example, Pacific Ocean represents 15% (3 paddles) of those reported as most frequently visited waterways by non-motorized boaters in the list below. The total number of waterway reports, including those not listed below, can be found in Appendix A and B.

**Table 32. Reported as Primary Waterway by Respondents**

Primary Waterway	Motorized Boaters	Non-motorized Boaters
Shasta Lake		
Pacific Ocean		
Whiskeytown Lake		
Clear Lake		
Trinity River		
Sardine Lake		
Lake Almanor		
Eagle Lake		
Humboldt Bay		
Yuba River		
Big Lagoon		
Eel River		
Lake Siskiyou		
Antelope Lake		
Fall River Lake		
Black Butte Lake		
Lake Mendocino		
Klamath River		
Feather River		
Mad River		
Stone Lagoon		

## Types of Boats on Primary Waterways

Study participants were asked which boat(s) they use most frequently on those waterways.<sup>1</sup> These findings are presented in Table 33 for the primary waterways in this region (those listed in Table 32 and in the same order). For each waterway, the total number of reported motorized boat types and the total number of non-motorized reported boat types were generated. From those totals, percentages of the various boat types were calculated. In both the motorized and non-motorized boat type columns, the top two or three boat types reported for that waterway are included; boat types with small percentages are not included. For example, powerboats represent 46%, bass/jon boats represent 22%, and pontoon boats represent 13% of the total number of boat types reported on Shasta Lake. The remaining 19% include a wide range of the other possible motorized boat types. If a boating sub-population (i.e., motorized or non-motorized) did not identify a waterway as primary, boat type data are not included in the cell.

**Table 33. Boat Types on Primary Waterways**

Primary Waterway	Motorized Boat Types	Non-motorized Boat Types
Shasta Lake	Powerboat (46%) Bass Boat / Jon Boat (22%) Pontoon Boat (13%)	_____
Pacific Ocean	Powerboat (44%) Bass Boat / Jon Boat (22%)	Ocean Kayak (69%) Sailboat < 8 ft, windsurfer, kitesurfer (19%)
Whiskeytown Lake	Powerboat (50%) Pontoon Boat (19%)	Ocean Kayak (71%)
Clear Lake	Powerboat (55%) Bass Boat / Jon Boat (22%)	_____
Trinity River	_____	River / Inflatable Kayak (61%) Canoe (13%) White Water Raft (13%) Dragon Boat (11%)
Sardine Lake	Bass Boat / Jon Boat (56%) Rowboat w/ motor (19%)	_____
Lake Almanor	Powerboat (64%) Bass Boat / Jon Boat (11%)	_____
Eagle Lake	Powerboat (63%) Rowboat w/ motor (19%)	_____
Humboldt Bay	_____	Ocean Kayak (65%) SUP (20%)
Yuba River	_____	River / Inflatable Kayak (77%)
Big Lagoon	_____	Ocean Kayak (60%) Sailboat < 8 ft, Windsurfer, Kitesurfer (20%)
Eel River	_____	River / Inflatable Kayak (60%) Canoe (20%)

<sup>1</sup> Motorized watercrafts include: barge, bass boat/jon boat, cabin cruiser, houseboat, inflatable with motor, pontoon boat, powerboat, PWC, rowboat with motor, sailboat (over 8 feet) with auxiliary, and others. Non-motorized watercrafts include: canoe, dory, dragon boat, inflatable kayak, kitesurfer, ocean kayak (sit on top), ocean kayak (touring), outrigger canoe, prone paddleboard, river kayak, rowboat, sailboat (under 8 feet), scull or shell boat, SUP, surfski, whitewater raft, windsurfer, and other.

Lake Siskiyou	Powerboat (38%) Rowboat w/ motor (25%) Bass Boat / Jon Boat (21%)	_____
Antelope Lake	Powerboat (31%) Bass Boat / Jon Boat (19%) Rowboat w/ motor (19%)	_____
Fall River Lake	Powerboat (47%) Bass Boat / Jon Boat (20%)	_____
Black Butte Lake	Powerboat (50%) Bass Boat / Jon Boat (21%)	_____
Lake Mendocino	Powerboat (54%) PWC (15%)	_____
Klamath River	_____	White Water Raft (44%) Canoe (33%) River / Inflatable Kayak (22%)
Feather River	_____	River / Inflatable Kayak (67%) SUP (33%)
Mad River	_____	Ocean Kayak (63%) Sailboat < 8 ft, Windsurfer, Kitesurfer (25%)
Stone Lagoon	_____	Ocean Kayak (78%)

*Motorized: Total Count of Responses = 725*

*Non-motorized: Total Count of Responses = 186*

## Perceptions of Use and Level of Crowdedness

Table 34 visually represents the perceptions of use and levels of crowdedness of motorized and non-motorized watercrafts through “propeller” and “paddle” icons for each waterway in the region (listed in alphabetical order). **In sum, more icons equate to perceptions of heavier usage and crowdedness.**

In both the motorized and non-motorized boater surveys, study participants were asked to indicate their perception of boat use and crowdedness of their most frequented waterways by checking one option to the following question: *How would you describe the usage of [WATERWAY NAME] by **motorized** [and **non-motorized**] boaters?*

- Extremely heavy use / over-crowding (scored as 4)
- Heavy use / frequent crowding (scored as 3)
- Moderate use / occasional crowding (scored as 2)
- Low use / rarely crowded (scored as 1)

The answers were scored from 1 (low use) to 4 (extremely heavy use). For each waterway in the region, the motorized and non-motorized survey responses were combined for perceptions of watercrafts use. An average was calculated for both motorized and non-motorized watercrafts for each waterway (see Appendix C for all of the averages). By rounding the average to the nearest whole number, a waterway received a score of 1 – 4 where one icon represents a score of 1 (low use) and 4 icons represent a score of (extremely heavy use). For example, Albion River is perceived as having ‘moderate use/occasional crowding’ for motorized watercrafts (2 propellers) and ‘moderate use/occasional crowding’ for non-motorized watercrafts (2 paddles).

**Table 34. Perceptions of Use/Crowdedness**

Waterway	Watercrafts	Waterway	Watercrafts
Albion River		Lake Mendocino	
Antelope Lake		Lake Shastina	
Baum Lake		Lake Siskiyou	
Big Lagoon		Lakes Earl & Talawa	
Black Butte Lake		Lewiston Lake	
Blue Lake		Little Grass Valley Reservoir	
Bucks Lake		Lower Biscar Reservoir	
Butt Valley Reservoir		Lower Sardine Lake	
Castle Lake		Macumber Reservoir	
Clear Lake		Manzanita Lake	
Copco Reservoir		Medicine Lake	
Crater Lake		Mountain Meadows Reservoir	
Crescent City Harbor		North Battle Creek Reservoir	
Eagle Lake		Noyo River	
Eel River		Pacific Ocean	
Fall River Lake		Pit River	
Feather River-North Fork		Ruth Lake	
Frenchman Lake		Salmon Lake	
Freshwater Lagoon		Salmon River	
Gold Lake		Sardine Lake	
Horr Pond		Shasta Lake	
Humboldt Bay		Smith River	
Iron Gate Reservoir		Stampede Reservoir	
Janes Reservoir		Stone Lagoon	
Juanita Lake		Trinidad Harbor	
Klamath River		Trinity Lake	
Lake Almanor		Trinity River	
Lake Britton		West Valley Reservoir	
Lake Davis		Whiskeytown Lake	
Lake McCloud		Yuba River	

Total Count of Responses = 806



# Facility Needs, Issues, & Reasons for Visiting

In this section, facility needs and boating issues from the perspectives of the motorized and non-motorized boaters are summarized, along with the reasons they visit particular waterways. This section concludes with facility needs and boating issues from the perspectives of facility owners/managers and law enforcement agents who completed the surveys.

## Facility Needs: Recreational Boater Perspectives

In both the motorized and non-motorized boater surveys, study participants were asked to respond to the following question for their most frequented waterways: *Please check all of the facilities and services that either need to be improved upon and/or added to [WATERWAY NAME] for **motorized** boats [and **non-motorized**] (check all that apply).*<sup>2</sup>

These findings are summarized in Table 35 for the primary waterways in this region (those listed in Table 32 and in the same order). For each waterway, the total number of reported facility needs for both motorized and non-motorized boats were generated. From those totals, percentages of the various needs were calculated. For the shared, motorized, and non-motorized needs columns, the top three or four needs reported for that waterway are included; needs with small percentages are not included. If a boating sub-population (i.e., motorized or non-motorized) did not identify a waterway as primary or indicate a need, data are not included in the cell. Please note that all of the facility need data for all waterways in this region can be found in Appendix D for motorized boaters and Appendix E for non-motorized boaters. Additional comments from all survey participants regarding facility needs can be found in Appendix F.

**Table 35. Facility Needs on Primary Waterways**

Primary Waterway	Shared Facility Needs	Motorized Facility Needs	Non-motorized Facility Needs
Shasta Lake	Restrooms (25%) Parking (24%) Boating Access (16%) Navigation Aids (16%)	Launch Ramps (25%) Fish Cleaning Stations (17%) Day Docks (short-term) 15%	Launch Spots (by hand) (40%) Boat-In Day-Use Areas (27%) Boat-In Campsites (20%)
Pacific Ocean	Boating Access (28%) Parking (26%) Restrooms (21%)	Launch Ramps (27%) Fish Cleaning Stations (23%) Day Docks (short-term) (13%)	Launch Spots (by hand) (30%) Launch Spots (by other ways) (22%) Access to Fresh Water (17%)
Whiskeytown Lake	Parking (29%) Restrooms (25%) Supply Stores (17%)	Launch Ramps (17%) Fish Cleaning Stations (15%) Floating Docks/Piers (12%) Marinas (slips) (12%)	Launch Spots (by hand) (27%) Boat-In Campsites (23%) Boat-In Day-Use Areas (20%)
Clear Lake	Restrooms (27%) Boating Access (25%) Parking (15%) Navigation Aids (15%)	Day Docks (short-term) (17%) Launch Ramps (14%) Marine Service & Repairs (14%)	Launch Spots (by hand) (33%) Boat-In Campsites (22%) Access to Fresh Water (22%)

<sup>2</sup> Shared facility need options include: boating access, parking, restrooms, showers, supply stores, emergency services, and navigation aids. Motorized facility needs include: boarding floats, day docks (short-term dockage), dry storage, fish cleaning stations, floating docks/piers, landings/boat-in sites, launch ramps, marinas (slips), marine service & repairs, mooring fields, pump-out stations, transient facilities/tie-ups, utilities, and other. Non-motorized facility needs include: landings, boat-in campsites, boat-in day-use areas, launch spots (by hand), access to fresh water, launch spots (by other ways e.g., trailer), take-out spots, rinse station (boats/gear), boat storage, security, personal storage, campgrounds, garbage cans, and other.

Trinity River	Parking (30%) Boating Access (22%) Restrooms (17%) Showers (17%)	_____	_____
Sardine Lake	Boating Access (32%) Restrooms (30%) Parking (16%)	Launch Ramps (29%) Day Docks (short-term) (18%) Fish Cleaning Stations (14%)	Boat-In Day-Use Areas (50%) Boat-In Campsites (25%) Launch Spots (by hand) (25%)
Lake Almanor	Parking (30%) Restrooms (25%) Boating Access (16%)	Fish Cleaning Stations (27%) Day Docks (short-term) (18%) Launch Ramps (15%)	Launch Spots (by hand) (62%) Boat-In Campsites (23%)
Eagle Lake	Boating Access (49%) Navigation Aids (19%) Restrooms (11%)	Launch Ramps (26%) Floating Docks/Piers (18%) Day Docks (short-term) (13%)	Boat-In Day-Use Areas (40%) Launch Spots (by hand) (40%) Boat-In Campsites (20%)
Humboldt Bay	Restrooms (36%) Boating Access (31%) Parking (11%)	Fish Cleaning Stations (33%) Launch Ramps (29%) Day Docks (short-term) (8%) Marine Service & Repairs (8%)	Boat-In Campsites (28%) Launch Spots (by hand) (21%) Boat-In Day-Use Areas (17%)
Yuba River	Parking (50%) Boating Access (25%) Restrooms (25%)	_____	Take-Out Spots (38%)
Big Lagoon	Restrooms (33%) Emergency Services (22%) Boating Access (22%)	_____	Boat-In Campsites (33%)
Eel River	Boating Access (36%) Parking (27%) Restrooms (18%) Emergency Services (18%)	Floating Docks/Piers (100%)	Take-Out Spots (50%) Launch Spots (by hand) (38%) Landings (12%)
Lake Siskiyou	Boating Access (50%) Parking (17%) Showers (17%) Supply Stores (17%)	Fish Cleaning Stations (20%) Floating Docks/Piers (15%) Launch Ramps (15%) Marinas (slips) (15%)	Boat-In Campsites (50%) Launch Spots (by hand) (50%)
Antelope Lake	Restrooms (38%)	Fish Cleaning Stations (33%) Launch Ramps (20%) Landings/Boat-In Sites (13%)	_____
Fall River Lake	Boating Access (33%) Parking (25%) Restrooms (25%)	Launch Ramps (50%) Fish Cleaning Stations (25%) Landings/Boat-In Sites (25%)	_____
Black Butte Lake	Parking (30%) Showers (30%) Supply Stores (20%)	Day Docks (short-term) (20%) Launch Ramps (20%)	Launch Spots (by hand) (67%) Boat-In Campsites (33%)
Lake Mendocino	Parking (36%) Boating Access (18%) Restrooms (18%)	Day Docks (short-term) (18%) Fish Cleaning Stations (18%) Launch Ramps (18%)	Boat-In Day-Use Areas (50%) Launch Spots (by hand) (50%)

Klamath River	Boating Access (38%) Parking (31%) Restrooms (23%)	Floating Docks/Piers (50%) Fish Cleaning Stations (25%) Launch Ramps (25%)	Launch Spots (by hand) (100%)
Feather River	Boating Access (33%) Parking (33%) Restrooms (33%)	_____	Launch Spots (by hand) (33%) Landings (17%) Boat-In Day-Use Areas (17%) Take-Out Spots (17%)
Stone Lagoon	Boating Access (50%) Emergency Services (50%)	_____	_____

Shared Facility Needs: Total Count of Responses = 712

Motorized Facility Needs: Total Count of Responses = 701

Non-motorized Facility Needs: Total Count of Responses = 225

## Main Issues: Recreational Boater Perspectives

In both the motorized and non-motorized boater surveys, study participants were asked to respond to the following question for their most frequented waterways: *What are the biggest problems you have experienced at [WATERWAY NAME]? (Check up to three)*<sup>3</sup>

These findings are summarized in Table 36 for the primary waterways in this region (those listed in Table 32 and in the same order). For each waterway, the total number of reported issues/problems for both motorized and non-motorized boaters were generated. From those totals, percentages of the various issues were calculated. For the motorized and non-motorized issues columns, the top three or four problems reported for that waterway are included; problems with small percentages are not included. If a boating sub-population (i.e., motorized or non-motorized) did not identify a waterway as primary or indicate an issue, data are not included in the cell. Please note that all of the problems/issues data for all waterways in this region can be found in Appendix G for motorized boaters and Appendix H for non-motorized boaters.

**Table 36. Issues on Primary Waterways**

Primary Waterway	Motorized Boater Perspective	Non-motorized Boater Perspective
Shasta Lake	Poor Ramp Condition (12%) Floating Debris (12%) Reckless PWC Operators (12%) Have Not Experienced Any Problems (12%)	_____
Pacific Ocean	Poor Ramp Condition (25%) Have Not Experienced Any Problems (25%) High Facility Use Fee (13%)	Lack of Parking (44%) Difficult to Access Waterway (22%) Have Not Experienced Any Problems (22%)
Whiskeytown Lake	Have Not Experienced Any Problems (46%) Lack of Parking (13%) Overcrowding (13%)	Have Not Experienced Any Problems (40%) Lack of Parking (20%) Floating Debris (20%) Issues with Motorized Boaters (20%)
Clear Lake	Poor Water Quality (34%) Insufficient Water Depth (18%) Invasive Species (13%)	Have Not Experienced Any Problems (29%)

<sup>3</sup> Problems/issue options include: lack of parking, overcrowding, reservations required, poor ramp condition, poor water quality, poor road access, floating debris, issues with motorized boaters, reckless PWC operators, issues with non-motorized boaters, issues with shipping vessels, excessive/rude law enforcement, lack of law enforcement, invasive species, high facility use fee, insufficient water depth, difficult to access waterway, other, and I have not experienced problems at this waterway.

Sardine Lake	Floating Debris (22%) Insufficient Water Depth (13%) Poor Ramp Condition (12%)	_____
Lake Almanor	Have Not Experienced Any Problems (50%) Reckless PWC Operators (13%)	Have Not Experienced Any Problems (100%)
Eagle Lake	Insufficient Water Depth (39%) Poor Ramp Condition (22%) Have Not Experienced Any Problems (11%)	_____
Humboldt Bay	Have Not Experienced Any Problems (33%) Lack of Parking (17%) Poor Ramp Condition (17%) Insufficient Water Depth (17%)	Have Not Experienced Any Problems (33%) Floating Debris (17%) Issues with Motorized Boaters (11%) Difficult to Access Waterway (11%)
Yuba River	_____	Lack of Parking (33%) Poor Road Access (22%) Difficult to Access Waterway (17%)
Big Lagoon	Have Not Experienced Any Problems (100%)	Have Not Experienced Any Problems (50%) Invasive Species (25%)
Eel River	Poor Ramp Condition (33%) Floating Debris (33%) Have Not Experienced Any Problems (33%)	Difficult to Access Waterway (40%) Lack of Parking (20%) Poor Ramp Condition (13%) Have Not Experienced Any Problems (13%)
Lake Siskiyou	Have Not Experienced Any Problems (58%)	Have Not Experienced Any Problems (100%)
Antelope Lake	Have Not Experienced Any Problems (53%)	_____
Fall River Lake	Have Not Experienced Any Problems (31%) Lack of Parking (19%) Floating Debris (19%)	_____
Black Butte Lake	Have Not Experienced Any Problems (35%) Reckless PWC Operators (24%) Insufficient Water Depth (18%)	_____
Lake Mendocino	Reckless PWC Operators (24%) Insufficient Water Depth (19%) Have Not Experienced Any Problems (19%)	_____
Klamath River	Poor Water Quality (30%) Overcrowding (20%) Insufficient Water Depth (20%)	Poor Road Access (30%) Lack of Law Enforcement (20%) Difficult to Access Waterway (20%)
Feather River	_____	Difficult to Access Waterway (33%) Have Not Experienced Any Problems (33%) Lack of Parking (17%) Poor Road Access (17%)
Stone Lagoon	Have Not Experienced Any Problems (100%)	Have Not Experienced Any Problems (67%) Poor Road Access (33%)

*Motorized Perspective: Total Count of Responses = 826*

*Non-motorized Perspective: Total Count of Responses = 132*

## Reasons for Visiting Waterways: Recreational Boater Perspectives

In both the motorized and non-motorized boater surveys, study participants were asked to respond to the following questions for their most frequented waterways: *What are the top reasons you visit [WATERWAY NAME]? (Check up to three)*<sup>4</sup>

These findings are summarized in Table 37 for the primary waterways in this region (those listed in Table 32 and in the same order). For each waterway, the total number of reported reasons for both motorized and non-motorized boaters were generated. From those totals, percentages of the various reasons were calculated. For the motorized and non-motorized reasons columns, the top three or four reasons reported for that waterway are included; reasons with small percentages are not included. If a boating sub-population (i.e., motorized or non-motorized) did not identify a waterway as primary or indicate a reason, data are not included in the cell.

**Table 37. Reasons for Boating Primary Waterways**

Primary Waterway	Motorized Boater Reasons	Non-motorized Boater Reasons
Shasta Lake	Large Water Area (24%) Close to Home (21%) Good Fishing (21%)	_____
Pacific Ocean	Good Fishing (42%) Close to Home (17%) Scenery / Natural Beauty (14%)	Scenery / Natural Beauty (31%) No Fees (25%) Close to Home (13%) No Restrictions (13%)
Whiskeytown Lake	Close to Home (30%) Scenery / Natural Beauty (22%) Good Fishing (16%)	Close to Home (40%) Scenery / Natural Beauty (40%) Not Crowded (10%) Few Motorized Boats (10%)
Clear Lake	Good Fishing (17%) Large Water Area (17%) Not Crowded (13%)	Scenery / Natural Beauty (27%) Good Fishing (18%) Close to Vacation Home or Camp (18%) No Fees (18%)
Sardine Lake	Close to Home (29%) Good Fishing (27%) Scenery / Natural Beauty (16%)	_____
Lake Almanor	Good Fishing (25%) Scenery / Natural Beauty (21%) Good Camping (10%) Not Crowded (10%)	Scenery / Natural Beauty (60%) Good Camping (20%) Good Facilities (20%)
Eagle Lake	Good Fishing (31%) Scenery / Natural Beauty (17%)	_____
Humboldt Bay	Close to Home (26%) No Fees (22%) Good Fishing (17%)	Close to Home (34%) Scenery / Natural Beauty (22%) Not Crowded (13%) No Fees (13%)

<sup>4</sup> Reasons options include: close to home, good camping, good facilities, good fishing, close to vacation home or camp, not crowded, no fees, no restrictions, scenery, natural beauty, warm water, large water area, and other. The additional reasons emerged for the non-motorized boaters: few motorized boats, good whitewater, reliable releases, regattas, good wind, and club site.



Yuba River	_____	Scenery / Natural Beauty (29%) Good Whitewater (25%) Close to Home (17%)
Big Lagoon	Close to Home (40%) Good Fishing (40%) Not Crowded (20%)	Scenery / Natural Beauty (35%) Close to Home (22%) Not Crowded (13%)
Eel River	Not Crowded (33%)	Scenery / Natural Beauty (33%) Not Crowded (24%) Close to Home (14%) Good Whitewater (14%)
Lake Siskiyou	Close to Home (31%) Good Fishing (22%) Scenery / Natural Beauty (18%)	Good Camping (100%)
Antelope Lake	Good Fishing (29%) Close to Home (25%) Scenery / Natural Beauty (21%)	_____
Fall River Lake	Close to Home (34%) Good Fishing (25%) Scenery / Natural Beauty (13%)	_____
Black Butte Lake	Close to Home (35%) Good Fishing (19%) Not Crowded (12%) Large Water Area (12%)	_____
Lake Mendocino	Close to Home (24%) Good Camping (17%) Not Crowded (14%)	_____
Klamath River	Scenery / Natural Beauty (31%) Close to Home (23%) Good Fishing (23%)	Scenery / Natural Beauty (33%) Good Whitewater (25%) Good Camping (17%)
Feather River	_____	Close to Home (38%) Scenery / Natural Beauty (38%) Not Crowded (13%) No Fees (13%)
Stone Lagoon	Close to Vacation Home or Camp (33%) Not Crowded (33%) Scenery / Natural Beauty (33%)	Scenery / Natural Beauty (40%) Close to Home (20%) Not Crowded (20%)

*Motorized Reasons: Total Count of Responses = 1,189*

*Non-motorized Reasons: Total Count of Responses = 201*

## Facility Needs: Facility & Law Enforcement Perspectives

In the facility survey, facility owners/managers were asked to identify facility needs on the waterway where the facility was located. Law enforcement officers were also requested to provide similar information about the waterway(s) within their areas of responsibility. These findings are summarized in Table 38. Law enforcement responses are noted with “LE” before the comment.

**Table 38. Facility Needs: Facility & Law Enforcement Surveys**

<b>Waterway</b>	<b>Facility and Law Enforcement Perspectives</b>
Big Lagoon	Boarding floats, Boating access, Restrooms
Big Lagoon	LE: Fix the floating dock on the south end of the lagoon
Black Butte Lake	Launch ramps
Clear Lake	Boarding floats, Dry Storage, Floating docks / piers, Landings / boat-in sites, Launch ramps, Marinas (slips), Showers, Transient facilities / tie-ups
Clear Lake	Day docks (short-term dockage), Dry Storage, Floating docks / piers, Landings / boat-in sites, Marinas (slips), Navigation aids (buoys, markers), Parking for vehicles / trailers, Restrooms, Showers, Boat-in campsites (non-motorized), Landings (non-motorized), Parking (non-motorized), Take-out spots (non-motorized)
Clear Lake	Fish cleaning stations, Floating docks / piers, Marinas (slips)
Eagle Lake	Day docks (short-term dockage), Emergency Services, Floating docks / piers, Transient facilities / tie-ups, Boat-in day use area (non-motorized), Carry down paths (non-motorized), Emergency Servicess (non-motorized), Hand launch ramps (non-motorized), Take-out spots (non-motorized)
Eel River	Boating access, Fish cleaning stations, Restrooms, Showers, Carry down paths (non-motorized)
Feather River-North Fork	Boating access (non-motorized), Carry down paths (non-motorized), Landings (non-motorized), Parking (non-motorized), Restrooms (non-motorized), Take-out spots (non-motorized)
Frenchman Lake	LE: Staffing needed.
Humboldt Bay	Boarding floats, Boating access, Restrooms, Carry down paths (non-motorized), Sediment removal
Humboldt Bay	Boat-in campsites (non-motorized), Boat-in day use area (non-motorized), Boating access (non-motorized), Landings (non-motorized), Take-out spots (non-motorized)
Humboldt Bay	Carry down paths (non-motorized), Launch ramps (for small trailers) (non-motorized), Take-out spots (non-motorized)
Humboldt Bay	Day docks (short-term dockage), Fish cleaning stations, Transient facilities / tie-ups
Humboldt Bay	Fish cleaning stations, Floating docks / piers
Humboldt Bay	LE: Near tip of Eureka Boat Basin: no wake buoy needed--wake violations occur. Entrance to Humboldt Bay needs dredging
Klamath River	LE: New and updated equipment storage facility
Lake Shasta	Day docks (short-term dockage), Dry Storage, Emergency Services, Fish cleaning stations, Floating docks / piers, Fuel docks, Landings / boat-in sites, Marine service & repairs, Navigation aids (buoys, markers), Pump-out stations, Restrooms, Showers, Transient facilities / tie-ups, Utilities, Access to fresh water (non-motorized) Carry down paths (non-motorized), Emergency Servicess (non-motorized), Landings (non-motorized), Navigation aids (buoys, markers) (non-motorized), Parking (non-motorized), Restrooms (non-motorized), Showers (non-motorized)

Lake Shasta	LE: Staffing, funding, education and training
Pacific Ocean	Boat Camping, Day docks (short-term dockage), Dry Storage, Emergency Services, Landings / boat-in sites, Marine service & repairs, Mooring fields, Transient facilities / tie-ups, Access to fresh water (non-motorized) Boat-in campsites (non-motorized), Boat-in day use area (non-motorized), Boating access (non-motorized), Carry down paths (non-motorized), Hand launch ramps (non-motorized), Landings (non-motorized), Launch ramps (for small trailers) (non-motorized), Take-out spots (non-motorized)
Pacific Ocean	Day docks (short-term dockage), Floating docks / piers, Launch ramps, Restrooms, Showers, Supply stores, Carry down paths (non-motorized), Landings (non-motorized), Launch ramps (for small trailers) (non-motorized), Parking (non-motorized), Take-out spots (non-motorized)
Ruth Lake	LE: Full time law enforcement presence in the area. We have a resident Deputy; in addition to his lake patrol duties , he has patrol duties and calls for service away from the lake as well which is problematic on busy weekends. Storage space for equipment, boats, buoys and other misc. boating related supplies. Security of the facility, such as an alarm and surveillance cameras, fencing and proper locks and security windows. Equipment to outfit the facility for the general maintenance of the boats.
Sardine Lake	Launch ramps, Launch ramps (for small trailers) (non-motorized)
Shasta Lake	Fish cleaning stations, Pump-out stations, Carry down paths (non-motorized)
Shasta Lake	Showers, Carry down paths (non-motorized)
Webber Lake	Carry down paths (non-motorized)
Whiskeytown Lake	Dry Storage, Parking (non-motorized),
Whiskeytown Lake	LE: Whiskey Creek Arm of the lake: High traffic use in need of navigational aids--right now there are none. Brandy Creek: High traffic area, No navigational aids. Oak Bottom: High use traffic area; No navigational aids; Signage needed & educational water safety; Additional Personnel to patrol.

*N = 28*

## Main Issues: Facility & Law Enforcement Perspectives

In the facility survey, facility owners/managers were asked to identify boating issues on the waterway where the facility was located. Law enforcement officers were also requested to provide similar information about the waterway(s) within their areas of responsibility. These findings are summarized in Table 39. Law enforcement responses are noted with “LE” before the comments.

**Table 39. Issues/Problems: Facility & Law Enforcement Surveys**

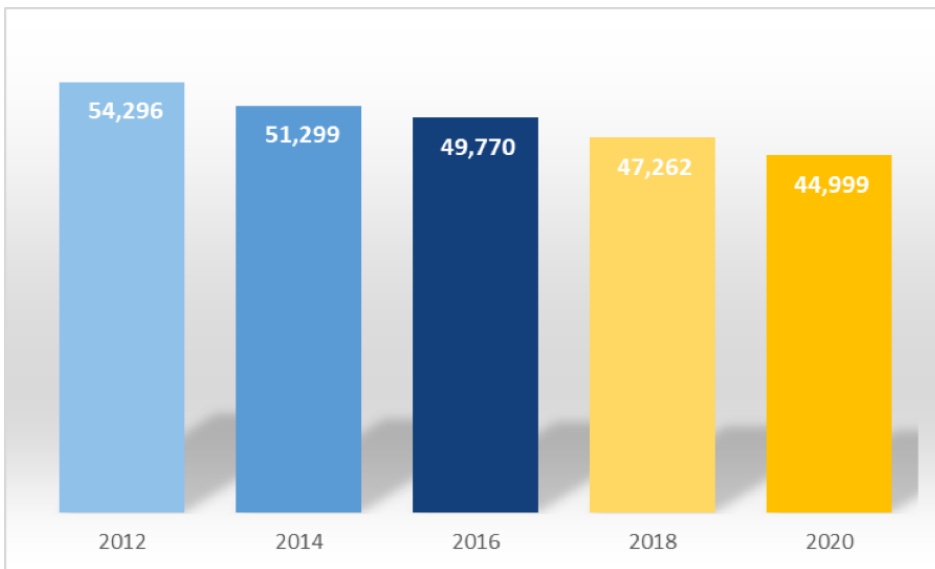
<b>Waterway</b>	<b>Facility and Law Enforcement Perspectives</b>
Clear Lake	Insufficient water depth, Poor water quality, Reckless PWC operators
Eagle Lake	Insufficient water depth, No problems
Frenchman Lake	LE: 10 miles North of Chilcoot area: The clientele of this lake come from an area in Reno, NV known to have a high crime rate
Humboldt Bay	Insufficient water depth, Invasive species, Conflict w/ motorized & Non-motorized boaters, Lack of law enforcement
Humboldt Bay	No problems
Klamath River	LE: Mouth of Klamath River has dangerous conditions combined with unsafe boating practices.
Lake Almanor	Insufficient water depth, Insufficient boating access
Lake Almanor	Lack of law enforcement
Noyo River	Insufficient water depth, Lack of parking, Overcrowding, Reservations required
Ruth Lake	Lack of parking, Lack of law enforcement
Ruth Lake	LE: Younger crowds visiting the area as well as isolation of the area and lack of full time law enforcement presence. Known party location.
Shasta Lake	Lack of parking, Insufficient boating access, Poor ramp condition, Poor road access, Floating debris

*N = 12*

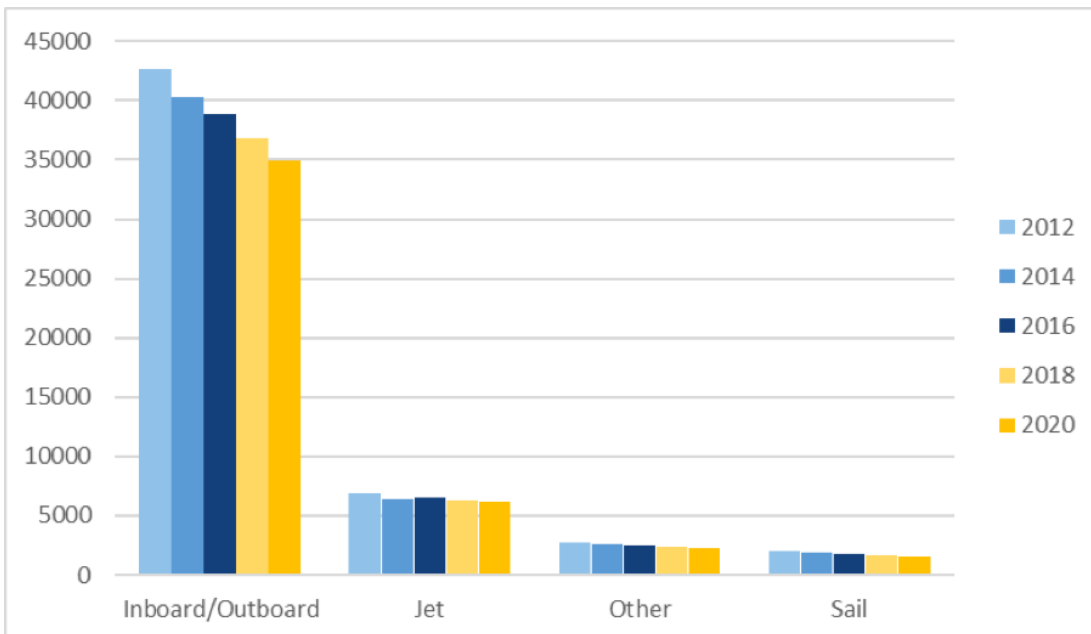
# Forecasts for Registered Recreational Motorized Boats

In this section, forecasts of registered recreational motorized boats for this region are provided. Forecasts include total number of boats, boats by propulsion type, and boats by length. The methods used in generating these forecasts are described in *Volume II: Methods*. The data used in generating these forecasts are from the DMV for 2012, 2014, and 2016.<sup>5</sup> In the figures, the actual data used to generate the forecasts from the DMV are in blue, while the forecasts are in yellow. These numbers are also found in Tables 40 and 41. Regardless of propulsion or length, the overall trend illustrates a decrease in the number of registered recreational motorized boats and the forecasts reflect a continued decline in the number of recreational motorized boats over the next four years.

**Figure 1. Total Number of DMV-Registered Motorized Boats**



**Figure 2. Motorized Boats by Propulsion Type**



<sup>5</sup> Please note that the USCG data are not included in these analyses, because the USCG could not provide the data. Historically, approximately 3.5% of the total number of boats registered in the state of California are registered with the DMV.



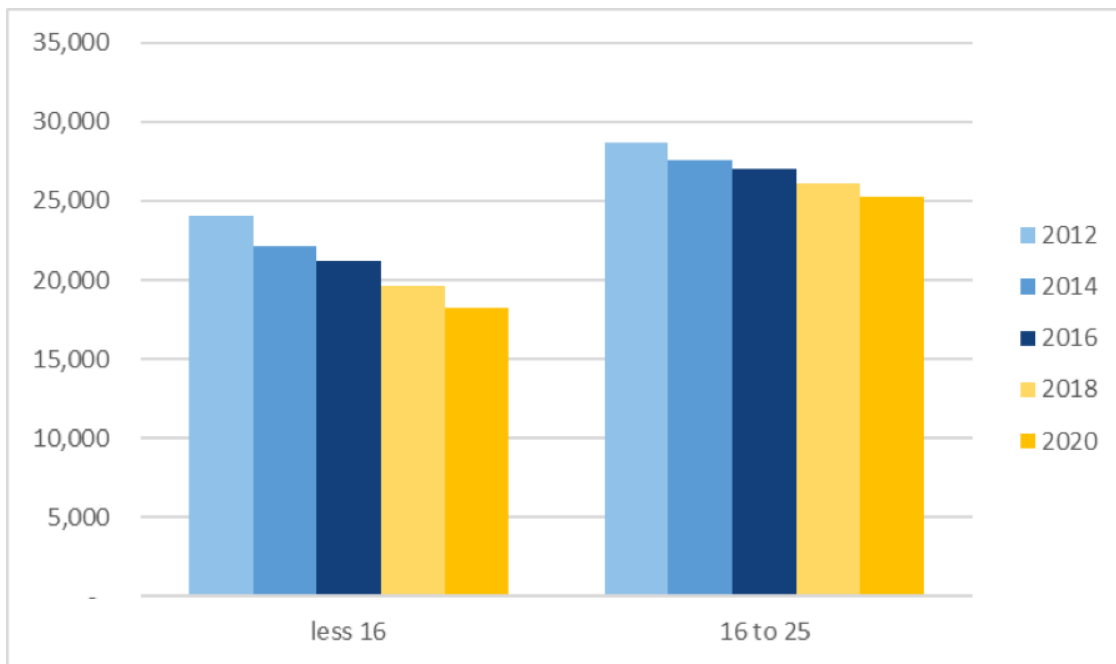
**Table 40. Motorized Boat by Propulsion (Figure 2)**

Propulsion Type	2012	2014	2016	2018	2020
Inboard/ Outboard	42,640	40,260	38,896	36,855	34,983
Jet	6,884	6,465	6,577	6,335	6,182
Other	2,729	2,656	2,507	2,409	2,298
Sail	2,043	1,918	1,789	1,663	1,536
<b>TOTAL</b>	<b>54,296</b>	<b>51,299</b>	<b>49,770</b>	<b>47,262</b>	<b>44,999</b>

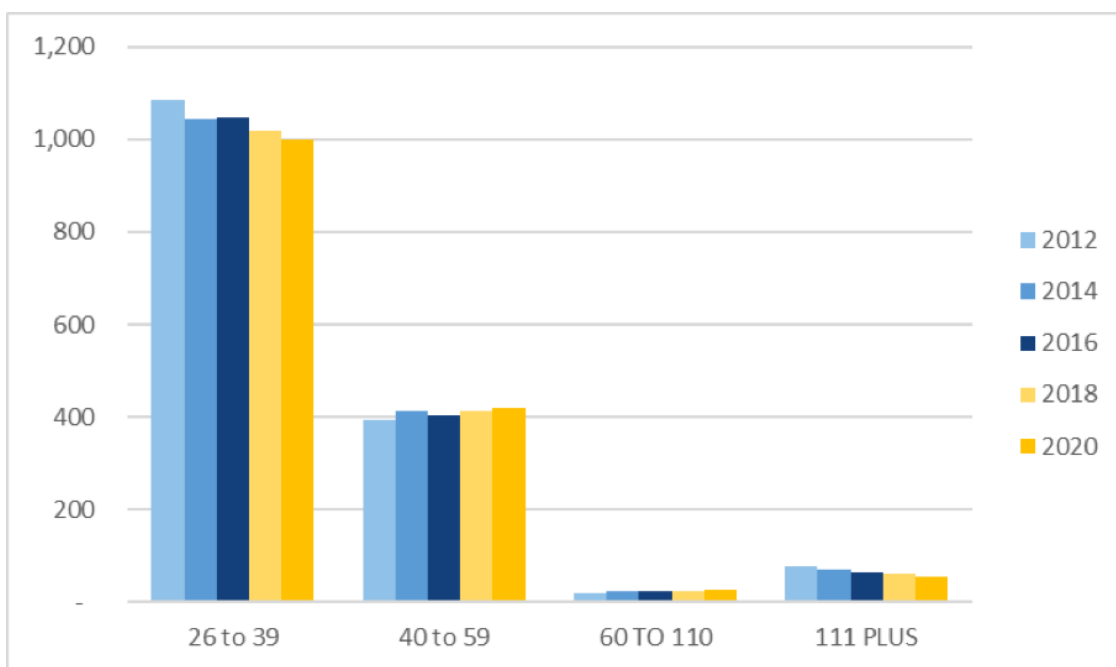
Actual Values: 2012, 2014, 2016

Forecasted Values: 2018, 2020

**Figure 3. Motorized Boats by Length (Less than 26 feet)**



**Figure 4. Motorized Boats by Length (Greater than or equal to 26 feet)**



**Table 41. Motorized Boat by Length (Figures 3 and 4)**

Length in Feet	2012	2014	2016	2018	2020
less than 16	24,020	22,147	21,201	19,637	18,228
16 to 25	28,701	27,603	27,029	26,106	25,270
26 to 39	1,086	1,043	1,047	1,020	1,000
40 to 59	393	414	404	415	420
60 to 110	20	22	23	25	26
111 or more	76	70	66	59	55
<b>TOTAL</b>	<b>54,296</b>	<b>51,299</b>	<b>49,770</b>	<b>47,262</b>	<b>44,999</b>

Actual Values: 2012, 2014, 2016

Forecasted Values: 2018, 2020

In *Volume II: Methods*, a description of the boating facility database is provided. Table 42 summarizes the total counts of the different facility types in this region.<sup>1</sup> Facilities are also listed by waterways in Appendix I.

Study participants for the motorized and non-motorized boater surveys were asked where they launch their boats, and these findings are presented in Appendix J.

**Table 42. Existing Boating Facilities & Access**

Facility Type	Number in Region
Boat Launch	173
Dry Storage	25
Marina	76
Mooring Field	7
Aquatic Center/BISC	2
Boating Access	62
Fuel Dock	0
Landing/Boat-In Sites	2
Marine Services/Repair	2
SSR Facility	1
Yacht Club	1

Total Count = 351



<sup>1</sup> As discussed in *Volume II: Methods*, not all facilities and boating access points are captured in this database. In the recommendations section of *Volume III: Statewide*, the research team recommends DBW be responsible for updating the database on an ongoing basis.

# Appendices

## Appendix A. Preferred Waterway Reported by Motorized Boaters

Waterway	Motorized Count
Albion River	5
Antelope Lake	16
Baum Lake	1
Big Lagoon	3
Black Butte Lake	14
Blue Lake	8
Bucks Lake	12
Butt Valley Reservoir	7
Castle Lake	1
Clear Lake	51
Copco Reservoir	6
Crater Lake	1
Crescent City Harbor	3
Dodge Reservoir	1
Eagle Lake	32
Eel River	2
Fall River Lake	15
Frenchman Lake	2
Freshwater Lagoon	1
Gold Lake	4
Humboldt Bay	11
Iron Gate Reservoir	9
Janes Reservoir	1
Juanita Lake	2
Klamath River	6
Lake Almanor	64
Lake Britton	8
Lake Davis	10
Lake McCloud	2
Lake Mendocino	13
Lake Shastina	7
Lake Siskiyou	24
Lakes Earl and Talawa	1
Lewiston Lake	4
Little Grass Valley Reservoir	4
Lower Biscar Reservoir	1
Manzanita Lake	3

Waterway	Motorized Count
McCumber Reservoir	2
Medicine Lake	13
Mountain Meadows Reservoir	3
North Battle Creek Reservoir	2
Noyo River	7
Pacific Ocean	18
Packer Lake	1
Pit River	1
Ruth Lake	2
Salmon Lake	2
Sardine Lake (Lower)	71
Shasta Lake	156
Smith River	3
Stampede Reservoir	10
Stone Lagoon	1
Trinity Lake	4
Tule Lake	2
West Valley Reservoir	4
Whiskeytown Lake	68

## Appendix B. Preferred Waterway Reported by Non-motorized Boaters

Waterway	Non-motorized Count
Albion River	2
Baum Lake	2
Benbow Lake	1
Big Lagoon	14
Black Butte Lake	2
Blue Lakes	1
Bucks Lake	3
Clear Lake	6
Crater Lake	1
Crescent City Harbor	1
Eel River	15
Elk River	2
Eureka Slough	3
Feather River-North Fork	9
Freshwater Lagoon	2
Gold Lake	1
Hookton Slough	4
Horr Pond	1
Humboldt Bay	19
Klamath River	14
Lake Almanor	3
Lake Pillsbury	1
Lake Siskiyou	3
Lakes Earl & Talawa	1
Lewiston Lake	1
Mad River	8
Mad River Slough	3
Manzanita Lake	1
Mountain Meadows Reservoir	1
Noyo River	3
Pacific Ocean	26
Pit River	3
Russian Gulch	1

Waterway	Non-motorized Count
Ruth Lake	1
Ryan Slough	1
Salmon River	4
Sardine Lake (Lower)	4
Shasta Lake	2
Smith River	6
Stampede Reservoir	1
Stone Lagoon	7
Trinidad Harbor	6
Trinity River	32
Whiskeytown Lake	7
Yuba River	18

## Appendix C. Perceptions of Use Level / Crowdedness

### Appendix C

Waterway	Motorized Watercrafts	Non-motorized Watercrafts
Albion River	2.17	1.83
Antelope Lake	1.50	1.21
Baum Lake	1.00	1.00
Big Lagoon	1.25	1.54
Black Butte Lake	1.64	1.50
Blue Lake	1.33	1.22
Bucks Lake	1.27	1.18
Butt Valley Reservoir	1.43	1.86
Castle Lake	—	2.00
Clear Lake	1.50	1.15
Copco Reservoir	1.17	1.00
Crater Lake	—	1.50
Crescent City Harbor	1.75	1.00
Eagle Lake	1.67	1.07
Eel River	n/a	1.10
Fall River Lake	1.57	1.14
Feather River-North Fork	n/a	1.33
Frenchman Lake	1.50	1.00
Freshwater Lagoon	1.00	1.00
Gold Lake	1.67	1.00
Horr Pond	1.00	1.00
Humboldt Bay	1.72	1.25
Iron Gate Reservoir	1.89	1.11
Janes Reservoir	1.00	1.00
Juanita Lake	2.00	1.00
Klamath River	1.86	1.50
Lake Almanor	1.71	1.18
Lake Britton	1.25	1.00
Lake Davis	1.50	1.67
Lake McCloud	2.00	1.00
Lake Mendocino	2.15	1.55
Lake Shastina	1.00	1.00
Lake Siskiyou	1.52	1.38
Lakes Earl & Talawa	2.00	1.50
Lewiston Lake	1.60	2.00
Little Grass Valley Reservoir	1.00	1.00
Lower Biscar Reservoir	1.00	1.00
Lower Sardine Lake	2.00	1.00
Macumber Reservoir	1.00	1.00



Manzanita Lake	—	1.75
Medicine Lake	1.67	1.25
Mountain Meadows Reservoir	1.00	1.00
North Battle Creek Reservoir	—	1.00
Noyo River	1.67	1.11
Pacific Ocean	1.96	1.55
Pit River	—	2.00
Ruth Lake	2.00	1.00
Salmon Lake	3.00	3.00
Salmon River	n/a	1.00
Sardine Lake	2.08	1.30
Shasta Lake	2.08	1.23
Smith River	1.67	1.71
Stampede Reservoir	2.22	1.22
Stone Lagoon	1.00	1.20
Trinidad Harbor	2.00	1.00
Trinity Lake	1.50	1.00
Trinity River	1.25	1.48
West Valley Reservoir	1.00	—
Whiskeytown Lake	2.08	1.67
Yuba River	2.00	1.50

*Total Count of Responses = 806*

*(1 = not crowded, 4 = extremely crowded)*

## Appendix D. Facility Needs Reported by Motorized Boaters

### Appendix D. Boating Access (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	1	33.3%
Black Butte Lake	14	0	0.0%
Blue Lake	8	1	12.5%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	1	14.3%
Castle Lake	1	0	0.0%
Clear Lake	51	13	25.5%
Copco Reservoir	6	2	33.3%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	20	62.5%
Eel River	2	0	0.0%
Fall River Lake	15	3	20.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	1	50.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	6	54.5%
Iron Gate Reservoir	9	2	22.2%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	1	50.0%
Klamath River	6	0	0.0%
Lake Almanor	64	6	9.4%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	1	50.0%
Lake Mendocino	13	3	23.1%
Lake Shastina	7	2	28.6%
Lake Siskiyou	26	4	15.4%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	1	100.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%

McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%
Mountain Meadows Reservoir	3	2	66.7%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	6	33.3%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	1	50.0%
Salmon Lake	2	1	50.0%
Sardine Lake	74	25	33.8%
Shasta Lake	156	28	17.9%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	2	50.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	1	25.0%
Whiskeytown Lake	68	6	8.8%
Yuba River	3	0	0.0%

## Appendix D. Day Docks (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	1	20.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	3	21.4%
Blue Lake	8	0	0.0%
Bucks Lake	12	1	8.3%
Butt Valley Reservoir	7	1	14.3%
Castle Lake	1	0	0.0%
Clear Lake	51	15	29.4%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	1	33.3%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	9	28.1%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	2	18.2%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	12	18.8%
Lake Britton	8	0	0.0%
Lake Davis	10	1	10.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	3	23.1%
Lake Shastina	7	2	28.6%
Lake Siskiyou	26	3	11.5%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	1	20.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	1	7.7%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	4	22.2%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	20	27.0%
Shasta Lake	156	28	17.9%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	1	100.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	1	25.0%
Whiskeytown Lake	68	6	8.8%
Yuba River	3	0	0.0%

## Appendix D. Fish Cleaning Stations (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	5	31.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	2	14.3%
Blue Lake	8	1	12.5%
Bucks Lake	12	4	33.3%
Butt Valley Reservoir	7	3	42.9%
Castle Lake	1	0	0.0%
Clear Lake	51	8	15.7%
Copco Reservoir	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	1	33.3%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	5	15.6%
Eel River	2	0	0.0%
Fall River Lake	15	1	6.7%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	8	72.7%
Iron Gate Reservoir	9	5	55.6%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	1	16.7%
Lake Almanor	64	18	28.1%
Lake Britton	8	0	0.0%
Lake Davis	10	2	20.0%
Lake McCloud	2	1	50.0%
Lake Mendocino	13	3	23.1%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	4	15.4%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	1	20.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	7	53.8%



Mountain Meadows Reservoir	3	2	66.7%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	3	42.9%
Pacific Ocean	18	7	38.9%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	2	100.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	14	18.9%
Shasta Lake	156	32	20.5%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	1	25.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	9	13.2%
Yuba River	3	0	0.0%

## Appendix D. Landings/Boat-in Sites (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	2	12.5%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	1	7.1%
Blue Lake	8	0	0.0%
Bucks Lake	12	1	8.3%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	6	11.8%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	3	9.4%
Eel River	2	0	0.0%
Fall River Lake	15	1	6.7%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	4	6.3%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	1	50.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	2	66.7%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	4	5.4%
Shasta Lake	156	14	9.0%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	3	4.4%
Yuba River	3	0	0.0%

## Appendix D. Marina (slips) (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	2	14.3%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	8	15.7%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	7	21.9%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	1	9.1%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	3	4.7%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	2	15.4%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	3	11.5%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	3	16.7%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	5	6.8%
Shasta Lake	156	13	8.3%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	1	25.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	1	25.0%
Whiskeytown Lake	68	7	10.3%
Yuba River	3	0	0.0%

## Appendix D. Mooring Fields (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	2	3.9%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	4	12.5%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	1	1.6%
Lake Britton	8	1	12.5%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	1	7.7%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	1	3.8%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%



Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	0	0.0%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	2	2.7%
Shasta Lake	156	2	1.3%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	3	4.4%
Yuba River	3	0	0.0%

## Appendix D. Parking Vehicles / Trailers (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	2	14.3%
Blue Lake	8	1	12.5%
Bucks Lake	12	1	8.3%
Butt Valley Reservoir	7	1	14.3%
Castle Lake	1	0	0.0%
Clear Lake	51	7	13.7%
Copco Reservoir	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	1	33.3%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	2	6.3%
Eel River	2	0	0.0%
Fall River Lake	15	2	13.3%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	2	18.2%
Iron Gate Reservoir	9	2	22.2%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	2	33.3%
Lake Almanor	64	11	17.2%
Lake Britton	8	2	25.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	1	50.0%
Lake Mendocino	13	5	38.5%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	2	7.7%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	1	100.0%
Lower Sardine Lake	1	1	100.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	1	7.7%

Mountain Meadows Reservoir	3	2	66.7%
North Battle Creek Reservoir	2	1	50.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	4	22.2%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	11	14.9%
Shasta Lake	156	38	24.4%
Smith River	3	0	0.0%
Stampede Reservoir	10	2	20.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	1	25.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	10	14.7%
Yuba River	3	0	0.0%

## Appendix D. Restrooms (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	3	18.8%
Baum Lake	2	0	0.0%
Big Lagoon	3	1	33.3%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	1	8.3%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	17	33.3%
Copco Reservoir	6	2	33.3%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	5	15.6%
Eel River	2	0	0.0%
Fall River Lake	15	3	20.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	1	100.0%
Gold Lake	4	2	50.0%
Humboldt Bay	11	5	45.5%
Iron Gate Reservoir	9	3	33.3%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	1	50.0%
Klamath River	6	2	33.3%
Lake Almanor	64	11	17.2%
Lake Britton	8	1	12.5%
Lake Davis	10	1	10.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	4	30.8%
Lake Shastina	7	3	42.9%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	1	50.0%
Medicine Lake	13	1	7.7%

Mountain Meadows Reservoir	3	2	66.7%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	3	42.9%
Pacific Ocean	18	4	22.2%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	1	50.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	25	33.8%
Shasta Lake	156	47	30.1%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	1	100.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	1	25.0%
Whiskeytown Lake	68	15	22.1%
Yuba River	3	0	0.0%

## Appendix D. Supply Stores (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	2	14.3%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	4	7.8%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	1	3.1%
Eel River	2	0	0.0%
Fall River Lake	15	1	6.7%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	3	27.3%
Iron Gate Reservoir	9	1	11.1%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	4	6.3%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	3	23.1%
Lake Shastina	7	2	28.6%
Lake Siskiyou	26	1	3.8%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	1	20.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	1	7.7%



Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	8	10.8%
Shasta Lake	156	11	7.1%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	11	16.2%
Yuba River	3	0	0.0%

## Appendix D. Utilities (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	5	9.8%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	2	6.3%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	1	11.1%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	0	0.0%
Lake Britton	8	1	12.5%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	1	3.8%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	1	7.7%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	2	2.7%
Shasta Lake	156	8	5.1%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	2	2.9%
Yuba River	3	0	0.0%

## Appendix D. Boarding Floats (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	2	28.6%
Castle Lake	1	0	0.0%
Clear Lake	51	2	3.9%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	2	6.3%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	1	9.1%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	3	4.7%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	1	7.7%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	2	7.7%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	1	33.3%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	1	14.3%
Pacific Ocean	18	0	0.0%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	1	50.0%
Sardine Lake	74	5	6.8%
Shasta Lake	156	6	3.8%
Smith River	3	0	0.0%
Stampede Reservoir	10	1	10.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	1	25.0%
Whiskeytown Lake	68	3	4.4%
Yuba River	3	0	0.0%

## Appendix D. Dry Storage (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	6	11.8%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	0	0.0%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	2	3.1%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	1	7.7%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%



Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	1	1.4%
Shasta Lake	156	5	3.2%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	1	1.5%
Yuba River	3	0	0.0%

## Appendix D. Floating Docks/Piers (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	2	14.3%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	1	14.3%
Castle Lake	1	0	0.0%
Clear Lake	51	4	7.8%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	12	37.5%
Eel River	2	1	50.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	1	9.1%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	2	33.3%
Lake Almanor	64	4	6.3%
Lake Britton	8	1	12.5%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	2	15.4%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	3	11.5%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	3	23.1%

Mountain Meadows Reservoir	3	1	33.3%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	12	16.2%
Shasta Lake	156	15	9.6%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	1	25.0%
Trinity River	1	1	100.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	1	25.0%
Whiskeytown Lake	68	7	10.3%
Yuba River	3	0	0.0%

## Appendix D. Launch Ramp (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	2	40.0%
Antelope Lake	16	3	18.8%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	3	21.4%
Blue Lake	8	1	12.5%
Bucks Lake	12	3	25.0%
Butt Valley Reservoir	7	2	28.6%
Castle Lake	1	0	0.0%
Clear Lake	51	12	23.5%
Copco Reservoir	6	2	33.3%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	1	33.3%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	18	56.3%
Eel River	2	0	0.0%
Fall River Lake	15	2	13.3%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	1	50.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	7	63.6%
Iron Gate Reservoir	9	2	22.2%
Janes Reservoir	1	1	100.0%
Juanita Lake	2	0	0.0%
Klamath River	6	1	16.7%
Lake Almanor	64	10	15.6%
Lake Britton	8	0	0.0%
Lake Davis	10	2	20.0%
Lake McCloud	2	1	50.0%
Lake Mendocino	13	3	23.1%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	3	11.5%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	1	100.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	1	7.7%

Mountain Meadows Reservoir	3	1	33.3%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	8	44.4%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	31	41.9%
Shasta Lake	156	48	30.8%
Smith River	3	1	33.3%
Stampede Reservoir	10	1	10.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	1	25.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	2	50.0%
Whiskeytown Lake	68	10	14.7%
Yuba River	3	0	0.0%

## Appendix D. Marine Service & repairs (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	12	23.5%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	4	12.5%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	2	18.2%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	5	7.8%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	2	11.1%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	3	4.1%
Shasta Lake	156	7	4.5%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	1	25.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	4	5.9%
Yuba River	3	0	0.0%

## Appendix D. Navigational Aids (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	1	8.3%
Butt Valley Reservoir	7	2	28.6%
Castle Lake	1	0	0.0%
Clear Lake	51	8	15.7%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	9	28.1%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	1	25.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	1	11.1%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	2	3.1%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	2	15.4%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	1	20.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%



Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	6	8.1%
Shasta Lake	156	28	17.9%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	1	25.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	2	2.9%
Yuba River	3	0	0.0%

## Appendix D. Pump-Out Stations (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	2	14.3%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	4	7.8%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	0	0.0%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	2	3.1%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	1	20.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	0	0.0%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	2	2.7%
Shasta Lake	156	4	2.6%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	1	1.5%
Yuba River	3	0	0.0%

## Appendix D. Showers (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	3	21.4%
Blue Lake	8	1	12.5%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	1	14.3%
Castle Lake	1	0	0.0%
Clear Lake	51	4	7.8%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	3	9.4%
Eel River	2	0	0.0%
Fall River Lake	15	1	6.7%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	1	25.0%
Humboldt Bay	11	2	18.2%
Iron Gate Reservoir	9	2	22.2%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	3	4.7%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	1	7.7%
Lake Shastina	7	3	42.9%
Lake Siskiyou	26	1	3.8%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	1	20.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	1	7.7%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	3	42.9%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	1	50.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	2	2.7%
Shasta Lake	156	15	9.6%
Smith River	3	0	0.0%
Stampede Reservoir	10	1	10.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	1	25.0%
Whiskeytown Lake	68	3	4.4%
Yuba River	3	0	0.0%

## Appendix D. Transient facilities / tie-ups (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	1	8.3%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	4	7.8%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	2	6.3%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	2	18.2%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	2	3.1%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	1	7.7%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	1	3.8%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	2	11.1%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	4	5.4%
Shasta Lake	156	7	4.5%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	1	100.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	3	4.4%
Yuba River	3	0	0.0%

## Appendix D. Emergency Services (Motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	1	2.0%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	3	9.4%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	1	1.6%
Lake Britton	8	0	0.0%
Lake Davis	10	1	10.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%



Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	1	50.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	1	1.4%
Shasta Lake	156	9	5.8%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	0	0.0%
Yuba River	3	0	0.0%

## Appendix E. Facility Needs Reported by Non-motorized Boaters

### Appendix E. Boating Access (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	1	7.1%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	1	33.3%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	4	26.7%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	3	33.3%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	5	26.3%
Klamath River-Del Norte, Humboldt	3	1	33.3%
Klamath River-Siskiyou	11	3	27.3%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	1	100.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	3	15.8%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	1	33.3%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	1	25.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	1	14.3%
Trinidad Harbor	6	0	0.0%
Trinity River	32	5	15.6%
Whiskeytown Lake	7	1	14.3%
Yuba River	18	4	22.2%

## Appendix E. Boat-in Campsites (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	2	14.3%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	1	11.1%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	1	100.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	8	42.1%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	1	9.1%
Lake Almanor	3	1	33.3%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	1	5.3%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	1	14.3%
Trinidad Harbor	6	0	0.0%
Trinity River	32	8	25.0%
Whiskeytown Lake	7	2	28.6%
Yuba River	18	1	5.6%

## Appendix E. Parking (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	1	50.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	1	7.1%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	3	20.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	3	33.3%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	2	10.5%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	2	18.2%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	1	100.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	6	31.6%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	2	33.3%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	7	21.9%
Whiskeytown Lake	7	2	28.6%
Yuba River	18	8	44.4%

## Appendix E. Launch Spots -by Other Means (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	1	7.1%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	1	33.3%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	1	9.1%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	5	26.3%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	3	9.4%
Whiskeytown Lake	7	2	28.6%
Yuba River	18	0	0.0%

## Appendix E. Access to Fresh Water (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	1	7.1%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	1	11.1%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	1	100.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	2	10.5%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	3	15.8%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	4	12.5%
Whiskeytown Lake	7	1	14.3%
Yuba River	18	1	5.6%

## Appendix E. Restrooms (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	1	50.0%
Baum Lake	2	1	50.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	2	14.3%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	2	13.3%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	3	33.3%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	8	42.1%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	1	9.1%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	1	100.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	2	66.7%
Pacific Ocean	19	5	26.3%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	1	16.7%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	4	12.5%
Whiskeytown Lake	7	2	28.6%
Yuba River	18	4	22.2%

## Appendix E. Supply Stores (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	1	100.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	1	33.3%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	1	5.3%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	2	6.3%
Whiskeytown Lake	7	1	14.3%
Yuba River	18	0	0.0%



## Appendix E. Rinse Station-Boats/Gear (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	1	7.1%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	1	5.3%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	1	14.3%
Yuba River	18	0	0.0%

## Appendix E. Security (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	3	15.8%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	1	5.3%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	4	12.5%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	1	5.6%

## Appendix E. Campgrounds (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%

## Appendix E. Landings (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	1	7.1%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	1	33.3%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	1	6.7%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	2	22.2%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	3	15.8%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	1	9.1%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	1	33.3%
Pacific Ocean	19	1	5.3%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	2	6.3%
Whiskeytown Lake	7	2	28.6%
Yuba River	18	0	0.0%

## Appendix E. Boat-in Day-use Areas (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	2	22.2%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	4	21.1%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	1	9.1%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	1	5.3%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	2	6.3%
Whiskeytown Lake	7	1	14.3%
Yuba River	18	1	5.6%

## Appendix E. Launch Spots -by Hand (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	1	50.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	3	20.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	4	44.4%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	6	31.6%
Klamath River-Del Norte, Humboldt	3	1	33.3%
Klamath River-Siskiyou	11	1	9.1%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	1	33.3%
Pacific Ocean	19	6	31.6%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	1	14.3%
Trinidad Harbor	6	1	16.7%
Trinity River	32	10	31.3%
Whiskeytown Lake	7	3	42.9%
Yuba River	18	1	5.6%

## Appendix E. Navigation Aids ( Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	3	15.8%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	2	10.5%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	1	16.7%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%

## Appendix E. Take-out Spots (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	1	33.3%
Clear Lake	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	4	26.7%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	2	22.2%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	2	10.5%
Klamath River-Del Norte, Humboldt	3	1	33.3%
Klamath River-Siskiyou	11	1	9.1%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	1	100.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	2	10.5%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	7	21.9%
Whiskeytown Lake	7	2	28.6%
Yuba River	18	3	16.7%



## Appendix E. Showers (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	1	7.1%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	2	33.3%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	1	33.3%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	1	100.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	3	15.8%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	4	12.5%
Whiskeytown Lake	7	1	14.3%
Yuba River	18	0	0.0%

## Appendix E. Emergency Services (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	2	33.3%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	1	6.7%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	1	9.1%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	1	100.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	1	100.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	1	5.3%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	1	16.7%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	1	14.3%
Yuba River	18	0	0.0%

## Appendix E. Boat Storage (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	1	3.1%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%

## Appendix E. Personal Storage ( Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%

## Appendix E. Garbage Cans (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%

## Appendix F. Facility-related Comments from Survey Participants

### Appendix F: Facility-related Comments from Survey Participants

Waterway	Facility-related Comments
Albion River	Better launch.
Albion River	Fukushima Radiation contamination. Killing species in tide pool.
Albion River	Keeping channel clear. Albion river and its ramp are not accessible at low tide. Dredging of the channel and ramp would help.
Albion River	Launch spots (by hand): This area is mostly docks, which require security codes or keys for access to that water. Not much access for general public.
Antelope Lake	Another floating dock to use to ingress and egress the water.
Antelope Lake	Camping...they are old & small, water access needs improvement.
Antelope Lake	Extra boat ramps for convenience.
Antelope Lake	Launch ramps need to be maintained so it's easy in and out.
Baum Lake	Restrooms: no running water.
Big Lagoon	Bathrooms because there aren't any.
Big Lagoon	Boat-in campsites: Drive in campground is over used.
Big Lagoon	Boating access: Need to launch somewhere.
Big Lagoon	Hose to wash equipment.
Big Lagoon	Restrooms: Heavy usage and not always cleaned well.
Big Lagoon	Showers: After several days of rowing one needs a shower. Recent blooms of toxic algae have made this more critical.
Black Butte Lake	An additional boat ramp would reduce crowding at launch time.
Black Butte Lake	Day dock. The only way to park your boat is to park at the launch dock which is often in the way of other boaters.
Black Butte Lake	Day docks and short term usage if you need to take a break or have to do some kind of boat repair. Also for medical personnel if needed.
Black Butte Lake	Either an additional boat ramp or a wider boat ramp would help; sometimes, you have to wait your turn to launch your boat at the Buckhorn Recreation Area ramp.
Black Butte Lake	Fueling sites. Self explanatory!
Black Butte Lake	Long travel time to go back to town for supplies or fuel.
Black Butte Lake	Safety among boaters especially jet skiers!
Black Butte Lake	Shore launch sites. To shorten travel to the better fishing area on the lake.
Blue Lake	All lake boat access is private. We need a public area with better vehicle/trailer parking.
Blue Lakes	Supply stores: No options.
Bucks Lake	Launch Ramps that can be used in most conditions including drought.
Bucks Lake	Parking for trailers. Very limited and hard to access
Bucks Lake	Parking Very little available
Butt Valley Reservoir	Butt Res has a ramp but no dock. It would just be easier to get in and out of the boat with a dock.
Butt Valley Reservoir	Launch area - two ramps are needed for more access.
Butt Valley Reservoir	Launch ramp. Have two of them.
Castle Lake	Existing "boat ramp" is too steep to walk kayaks down.

Clear Lake	Better marinas. There is only one protected marina on the lake and it is not well kept.
Clear Lake	Better ramps.
Clear Lake	Fish cleaning stations because it makes cleaning the fish more convenient
Clear Lake	Floating bathrooms would be a very big asset.
Clear Lake	Fuel docks are very few in number on this lake.
Clear Lake	Fuel Stations. There is only 4 that I know of
Clear Lake	Fuel, because on this end of the lake there is no gas stations on the water.
Clear Lake	Fuel, I have a home on the lake and keep my boat there. I have my own ramp but have been taking it to the Clear Lake Oaks boat ramp, so that after I use the boat I can fill it up at the local gas station before taking it home.
Clear Lake	It is nice to boat to a water side restaurant rather than bringing food aboard or travel back to our home.
Clear Lake	Launch ramps are necessary for my boat.
Clear Lake	Launch ramps- most of them are in disrepair and have been for years, all need to be reconstructed
Clear Lake	More fueling docks. It is a big lake
Clear Lake	More parking, parking is always a hassle.
Clear Lake	Most public docks need repair, and sanitation. The general beach cleaning of public and state beaches is real bad or non existent.
Clear Lake	navigation aids. there are a lot of low spots and submerged obstacles in the lake that are not marked, especially when the lake is low. Also a few filling stations would be nice.
Clear Lake	Parking is difficult at the Clearlake Oaks site. Redbud down in the town of Clearlake has ample parking though. Lucerne is sometimes full too.
Clear Lake	Parking is most important - larger parking facilities would make it easier to launch and park to avoid overcrowding.
Clear Lake	Parking: Need to put the car somewhere
Clear Lake	Showers: It's good to have a wash after
Clear Lake	There are also very few places to get fuel, and the hours of operation are not user friendly.
Clear Lake	There is a county launch ramp next to the motel we stay in that at lower water levels is impossible to launch my boat...have to go downtown to the public ramp there.
Clear Lake	There is only one marina that is protected from the weather, and it is not kept up well. It has slips, but they are old and in disrepair. Would be great to have more choices.
Clear Lake	There needs to be more businesses on the lake. Which will draw in more boaters and more tourists. But businesses won't go in because the Meth problem is so bad in Clearlake and the surrounding areas. Get rid of crime/meth. Bring in more businesses.
Clear Lake	Would love to have Konocti Marina and Restaurant back again. More places to park your boat and have lunch
Copco Reservoir	Access road needs repair. Ramp needs repair
Copco Reservoir	Speed limit buoys are gone. They need to be reinstalled.
Copco Reservoir	Water would be the best thing to have in a lake. Dams keep water in lakes for recreation, water supplies, fire suppression, irrigation, power production, flood control, visual enjoyment, wildlife habitat, aquatic habitat, etc.

Copco Reservoir	We actually will never take the boat to Copco again. The “Green Stuff” was absolutely disgusting. It was like guacamole on the shore. We were the only boat on the lake and I can see why. The water was nasty with green foam.
Crescent City Harbor	Important to flush out motor and wash boat. Car wash facilities not dependable in CC and CC Harbor no longer allows washing of boats.
Crescent City Harbor	Parking coordination, possible expansion, too much congestion.
Eagle Lake	A deeper deep water launched would be awesome. When the lake gets REALLY low due to droughts, the existing deep water launch ramp at the South Shore Marina becomes almost unusable ... There is a much steeper and better deep water site just a few feet west.
Eagle Lake	Access to launch nearer to parking and away from motorized boat launch site which is CROWDED.
Eagle Lake	Anchorage areas - meaning with floats where one can tie-up to a permanent anchor stone below - currently don't exist; other than a number of such anchors off Gallitin Beach area installed and owned by private sailors.
Eagle Lake	Boat launch, the lake level is so low.
Eagle Lake	Buoys because of low water levels.
Eagle Lake	Day use dock. Because there's not much there.
Eagle Lake	Easy launching of small hand crafts such as kayaks or float tubes off Wildcat Pt, even in years of higher water, no access for launching kayaks or float tubes that wasn't hundreds of yards from the water. Handicap launching does not exist and needs address.
Eagle Lake	Lake keeps getting lower....need reliable ramps.
Eagle Lake	Launch Facilities. No ramps available in late summer due to low water conditions.
Eagle Lake	Launch ramp - current water level makes launching difficult.
Eagle Lake	Launch ramps are needed or improvements to existing ramps. Due to low water levels there is only one launch ramp available at the southern portion of the lake. This lake is the 2nd largest natural lake in California yet no improvements have been made.
Eagle Lake	Launch ramps when the lake is low
Eagle Lake	Launching access since only one ramp on this large lake is available due to drought.
Eagle Lake	Launching only 1 usable 1 lane launch. This launch leaves much to be desired. Both other launch sites are not useable, 1 of these sites charges \$8 day parking. The useable launch was built as a temporary fix because of low water.
Eagle Lake	Launching. The low water ramp is nearly out of water. 28 inches deep at the end of the 100ft long dock. No mooring. Lassen National Forest refuses to improve launching. Spalding's “new” marina has been high and dry now for 4 years, Stones Landing ramp.
Eagle Lake	Low water levels have affected the launch ramps and marinas, more water would be great, however, if that does not happen the lake is still very fishable once you get your boat in the water.
Eagle Lake	Low water, I understand that water to eagle lake is being held up stream by local ranchers.
Eagle Lake	Many times you can't launch because the water is too low due to the drought.
Eagle Lake	Ramps - access at low water.
Eagle Lake	Slip availability. The need is at the south end of the lake, where the number of available slips is not adequate for the demand in the summer.
Eel River	Boating access: landowners have (in the past) illegally fenced off river access.



Eel River	Boating access: Our typical run from the confluence of Outlet Creek on the Eel River could use a ramp to the River bench, larger parking area and an accurate River gauge.
Eel River	Launch spots (by hand): Existing facility primitive.
Eel River	Parking: Parking is most important especially when wanting to find a take out spot.
Eel River	River below eel rock has killer winds, very difficult for families with kid s.
Eel River	Take-out spots: Eel Rock take out has access and parking restrictions under the control of local resident. McCann is kind of far away on a windy day.
Eel River	Take-out spots: You must park too far from the water.
Fall River Lake	Boat campsites could use proper leveling for tents and dredging to allow boats to get access to sites when water is low. Also, most campsites have extremely deep mud when disembarking from boats and causes issues.
Fall River Lake	I would like to see a bigger turn-around areas at both launch sites on the lake. Sometimes was too tight to make a U-turn because of the dumpsters in the way.
Fall River Lake	The feather river I live 2 miles from star bend boat it is free to launch but I can rarely get in with out fear of doing damage to my motor or boat it needs to be dregged.
Feather River-North Fork	Boating access: Ease and private property.
Feather River-North Fork	Boating access: Most Whitewater boating access is very poor, both put-ins and take-outs. Improved access improve safety and access to California's rivers.
Feather River-North Fork	Parking: very limited developed parking on this stretch .
Freshwater Lagoon	Parking is limited.
Gold Lake	Boat-in campsites: Adventure places to go camping overnight stay.
Gold Lake	navigation buoys to mark rocks and shallow water.
Horr Pond	Bear boxes.
Humboldt Bay	Boat-in day-use areas: Boat & hike areas are a fantastic way to access non-motorized vehicle areas.
Humboldt Bay	Boat-in day-use areas: It would add a nice stopping point for folks who get tired on the water.
Humboldt Bay	Boating access: Access to rivers and ocean are being shut off by private land-owners in many locations.
Humboldt Bay	Boating access: Can't go if I can't get there.
Humboldt Bay	Boating access: More is better.
Humboldt Bay	Boating access: Usually overcrowding and security issue with boat launches.
Humboldt Bay	Day use. Barbecuing & picnicking.
Humboldt Bay	Eureka Public Marina. Can't launch on a low tide or will get stuck in the mud.
Humboldt Bay	Fish cleaning station so that you can gut the fish before leaving.
Humboldt Bay	Landings: There are only a few places where people are allowed to get out of their boats when paddling and the shore line is to muddy to get out just anywhere.
Humboldt Bay	Launch spots (by hand): There is only one place to access the bay by hand and it's close to the mouth of the bay. Would be nice to have other access to not compete with motorized boats at the launch.
Humboldt Bay	Launch spots (by hand): Vehicle overcrowding at parking lot and crowding at launch ramp.
Humboldt Bay	More launches. Crowding during salmon season.
Humboldt Bay	Restrooms: figure it out.

Humboldt Bay	Restrooms: Many launch areas have no or unsatisfactory restrooms.
Humboldt Bay	To increase use of bay better ramps and parking would help.
Iron Gate Reservoir	Bathrooms, showers, water trash cans. People do not appreciate this lake there are people that live illegally on the property around the lake and dump trash everywhere ,the sheriff dept will not get involved in it.
Iron Gate Reservoir	Cleanliness of the porta-potties.
Iron Gate Reservoir	Parking gets a little crowded on any holidays.
Iron Gate Reservoir	Showers, it would be nice to be able to wash the blue green algae off at the end of the day.
Iron Gate Reservoir	The porta-potties are heavily used at certain times of the year and could be cleaned out more often.
Klamath River	Floating Docks - Some public ramps have none.
Klamath River	Launch spots (by hand): I-5 access is an informal access that is physically challenging to use.
Klamath River	Most launch facilities consist of a single lane gravel road down to the river. Most parking (Auto/Trailer) are limited and at a different location, when filled parking along the main road is the only option.
Klamath River	Parking: secure parking Yurak Indians break into car.
Klamath River	Restrooms: They are not enough and are in terrible shape.
Klamath River	Take-out spots: Cedar Flat is very strenuous take out. Steep uphill carry gets more difficult as I age. tricky access at water's edge.
Lake Almanor	24 hour tow service. Lake Almanor is a large lake and having a mechanical breakdown without a service to call could result in boaters having to spend a night on the water in cold, inclement weather. Could be a safety issue.
Lake Almanor	Access seems to be geared to larger boats which can launch and travel greater distances at high speeds. I use an electric trolling motor on my 10' row boat. I would like undeveloped access points at various locations around the lake.
Lake Almanor	Boat in camp sites. Campgrounds are frequently crowded, so would be nice to have some that boaters could access.
Lake Almanor	Day and Overnight docking would be beneficial to renters.
Lake Almanor	fuel docks needed.
Lake Almanor	It is not always easy to find a good access path for getting our kayaks to the lake.
Lake Almanor	Just parking - sometimes its a challenge to find parking at canyon dam.
Lake Almanor	Launch ramps are not designed for low water levels.
Lake Almanor	Launch ramps. On holidays, the two public ramps become a are very high traffic issue. Both ramps are 2 lanes with a very small on and off boarding dock.
Lake Almanor	Launch sites that are not used by water skiers etc.
Lake Almanor	More public free launch ramps. Public free ramps only at Canyon Dam and West Shore. Must drive around the lake to launch. Uses more fuel, causes more congestion at ramps, and parking.
Lake Almanor	More public launch ramps on the northeast part of the lake.
Lake Almanor	Only one place around the lake for service, waiting time is a minimum of one week to get service.

Lake Almanor	Parking for trailers. Proper space and easy access for trailer makes for easier and smoother access on busy weekends.
Lake Almanor	Place markers in areas that could be dangerous.
Lake Almanor	Restrooms - to keep people out of the woods.
Lake Almanor	restrooms for same reason.
Lake Almanor	Showers: It would be nice, but really, the facilities are great and right by the campground.
Lake Almanor	Supply stores: None close.
Lake Almanor	The marine services and repairs are very limited with long wait times. Marine storage is almost non-existent.
Lake Almanor	There are few public restrooms available for boaters on the lake.
Lake Almanor	There needs to be more public restrooms along the lake and there also needs to be restrooms accessible to boaters while on the water. So this answer is two fold. There needs to be docking available so people can dock their boat (other than at the loading.
Lake Almanor	Tie up stations. It would be nice to have a rope/buoy anchorage system near the beach to keep the hull of the jet skis off the sand but close by.
Lake Almanor	To have boat in camp sites would be nice. It would prevent unnecessary driving from cabins or other camp sites.
Lake Almanor	We have had to go as far as Redding to get boat parts and repairs, thus it would be really great if there were a better service in Chester which is the closest town to Almanor.
Lake Almanor	We keep our boat at are boogie because there is no docks and you can only have floating docks .Would love to have a place to keep our boat on the lake.
Lake Britton	The dock used for launching boats at the marina is in poor condition.
Lake Davis	Fish cleaning - we dry camp and like the cleaning stations away from camp.
Lake Davis	Fish Cleaning Station. Lake Davis is a pristine non PWC lake set aside for the angular that wants to enjoy the day without the noise and kayos of inebriated people disturbing the fishing. My son and I also use the lake as a recreational place to swim.
Lake McCloud	Access, often long wait for ramp.
Lake McCloud	It's a good fishing lake, so a cleaning station would be useful.
Lake Mendocino	More and better navigation buoys. There are many hazards, rocks, shallow spots etc. due to drought.
Lake Mendocino	More launching ramps with stores for food and gas supplies.
Lake Mendocino	restrooms need to be predictably open and clean.
Lake Shastina	Better camping facilities. Would get more attraction out here. Less draw for ranchers and farmers.
Lake Shastina	Easy access to launch boat either at campsite or floating docks so boaters can stage supplies while parking tow vehicle.
Lake Shastina	Need better restroom facilities because there are only unmaintained ones in campground up the road.
Lake Shastina	Shade for day use, as it gets very hot on the waterways and it gives a retreat area to get out of the sun.
Lake Siskiyou	Allow anchoring and spending the night on the lake.
Lake Siskiyou	Change regulation to allow towing a device even at the 10 mph restrictions.
Lake Siskiyou	During peak use non-boaters park their vehicles in the parking spaces intended for vehicles with a boat trailer.

Lake Siskiyou	Fish cleaning stations. I don't think there are any there.
Lake Siskiyou	Launching access for handicapped.
Lake Siskiyou	On occasion the float cushion is in need of repair.
Lake Siskiyou	One more floating dock on the main ramp would facilitate launching.
Lakes Earl & Talawa	Parking: Caring a boat onto the water can be treacherous.
Lewiston Lake	Access from areas other than the launch ramps.
Lewiston Lake	Better fueling facilities, not open all the time early hours when you like to get out on the lake.
Lewiston Lake	Boat Camping. Currently it is not allowed on this lake but frankly, there is not much access to do this.
Manzanita Lake	additional launching would provide add convenience.
Manzanita Lake	Emergency services: Cell phone coverage in remote area is still helpful, even if not for myself to help others in distress.
Manzanita Lake	void overselling this delicate system. Clearly post fishing and boating rules.
Medicine Lake	A second launch ramp would allow less crowding for take and/or launching.
Medicine Lake	Restrooms: smell.
Medicine Lake	There is no place to clean fish except your campsite.
Mountain Meadows Reservoir	Launching the boat, ramp needs fixed.
Noyo River	Leftist Count & City Govt and Fish & Game OVER regulation. Also Fukushima Radiation that is now everywhere along north coast.
Noyo River	More Free Boat Launch Ramps need to be constructed between Jenner and Fort Bragg. Fucking govt has already made it nearly impossible to access ocean by boat. Don't even think about closing or raising fees on existing boat ramps or there will be a revolt.
Noyo River	Restrooms frequently closed.
Noyo River	Restrooms: none currently available.
Noyo River	Restrooms: Paddlers need access to harbor and rock gardens. Restrooms would stop some of the filth on beaches.
Pacific Ocean	Access. Very few options to launch.
Pacific Ocean	Availability of Marine Services at the location would be helpful.
Pacific Ocean	Cleaning station there isn't one.
Pacific Ocean	It is extremely difficult to find safe legal access North of San Francisco to put in any type of boat.
Pacific Ocean	Launch facilities. Not enough to access ocean.
Pacific Ocean	Launch ramps. Only place in Trinidad Harbor is assisted facility owned by private organization.
Pacific Ocean	Launch spots (by hand): not many places exist, more needed.
Pacific Ocean	Launch spots (by hand): There is no where on the North side of Noyo Harbor to easily launch a non motorized boat.
Pacific Ocean	Launch spots (by other means such as trailer): Not much available; primitive site, no ramp, chaotic parking and no dock.
Pacific Ocean	Launching ramps that works with the ( low) tides. Westside launch is dangerous to use during low tides. I bent my trailer axle when I got stuck. \$\$\$\$.
Pacific Ocean	Parking ,when the fishing is good parking gets hard to find.

Pacific Ocean	Parking: Some places that would be great don't have adjacent parking.
Pacific Ocean	Parking: There are not enough.
Pacific Ocean	Restrooms! No explanation needed.
Pacific Ocean	Security: cars broken into at parking spots.
Pacific Ocean	There are no marine engine and boat service shops/yards in Crescent City area.
Pit River	Boating access: This is an extremely popular whitewater run that has seen its designated release days cut down to almost nothing over the last few years.
Ruth Lake	Inflatables and craft that don't hold water do not need to be inspected. Inspect and tag boats from infected bodies of water. Quarantine sick people not the healthy ones. Only California puts the southern California problem on the backs of northern California.
Ruth Lake	There is a fish cleaning station that is not working. Fix it!! Use money spent on survey.
Salmon River	Boating access: hard to find places and the walks are long.
Sardine Lake	Access of restrooms by fishermen and boaters.
Sardine Lake	Bathrooms because people need to use the restrooms and if there is none around they just let it go over the boat.
Sardine Lake	Boating access is too far from the water. it would be nice to have a boat dolly on site for example so we don't have to carry heavy stuff back and forth.
Sardine Lake	Every part of the road is all private and there is no public parking.
Sardine Lake	Rest rooms, few and far between.
Sardine Lake	Restroom facilities are lacking.
Sardine Lake	Restrooms at the dock.
Shasta Lake	Ability to access and repair houseboats during periods when the lake level is down significantly. Our houseboat has been 'out of commission' for nearly three years because there was no area to remove and service the boat. Current launch ramps will only.
Shasta Lake	Again - there should not be a parking fee for a vehicle at the launch site.
Shasta Lake	All too often you can barely get your boat in the water due to debris floating at the boat ramp. Once in, it is common to suck debris into your intake or get it caught under the boat upon removal.
Shasta Lake	Bathrooms Need we say more.
Shasta Lake	Bay Bridge which is a very popular launch ramp, and frequently suffers from lack of parking. The Marina itself is large and accommodating, but without sufficient parking, it's useless. Digger Bay - is the alternate, but extremely tight and dangerous.
Shasta Lake	Better access to public boat ramps, no fee.
Shasta Lake	Better buoy markers for under water rock.
Shasta Lake	Boat launches. When the water is low Antlers is closed and only Sugarloaf is open near where my boat is stored. During weekends the boat launches get very busy. Whiskeytown is a great example, it always has three boat launches open at all times and each.
Shasta Lake	Boat mooring. Much of it was taken away by federal employees who didn't like it.
Shasta Lake	Dealing with floating debris and poor condition of launch facilities.
Shasta Lake	Docks are small and crowded during summer, longer docks to handle more boats, wider launch areas, lower lake level during summer is dirt.
Shasta Lake	Emergency services because if one was to break-down somewhere on the lake it would be very difficult to return the boat ramp.

Shasta Lake	Fish cleaning stations are needed so that fishermen can clean their catch at the lake and have a place to cleanly dispose of fish scraps.
Shasta Lake	For me it's the ramp cleaning of debris. At Centimudi ramp they do not clean it daily and the launchers have to go to another ramp. Shasta has a private vendor to oversee ramps but doesn't seem to care whether they are kept clean or not.
Shasta Lake	Fuel stations to minimize the chance of running empty.
Shasta Lake	Hard to drag gear down to water line. Keep it full and it wont be an issue.
Shasta Lake	Have separate launch ramps for small boats.
Shasta Lake	Improved existing launch ramps at low water levels as they are not very good or exist at all.
Shasta Lake	Improved low water access (extend ramps).
Shasta Lake	KEEP RAMPS CLEAR OF WOOD. CANT LAUNCH.
Shasta Lake	Large wakes and afternoon winds can catch non powered people off guard.
Shasta Lake	Launch areas in low water years are nonexistent. This year we have plenty of water but last year (2015) the lake level was very low and a larger boat couldn't get to the water.
Shasta Lake	Launch Ramps - with the low waters over the last 5 years (with the exception of this year - yay!), the water is so low that you cannot launch or have to dirt launch because the paved / conc ramps and low ramps aren't low enough to reach super low water level.
Shasta Lake	launch ramps and free launching and free fishing licenses for WW I veterans. Also many more access launching places for kayakers.
Shasta Lake	Launch ramps for low water years.
Shasta Lake	launch ramps, and ingress and egress from them.
Shasta Lake	launch ramps, sometimes tied up by inexperienced boaters for long time.
Shasta Lake	Launch Ramps. I use the lake year round to access a cabin on the Mc Cloud arm. Once the lake gets below 95 feet from the top, access is extremely difficult. There is one damaged ramp that is officially closed, but will reach to 120 feet from the top.
Shasta Lake	Law Enforcement. Too many douchebag kid's and adults not adhering to the rules of the waterway; violating no wake zones and speed limits, and passing too close to other vessels.
Shasta Lake	Longer boat ramps. Shasta Lake level fluctuates drastically between the dry and rainy seasons. When the lake is low, the ends of the ramps are very rutty and mucky. Longer, maintained ramps would make launching much easier, safer and less likely to damage.
Shasta Lake	Maintenance of existing boat ramps. Often there is quite a bit of debris at the launch site that is not cleaned up. Contractors don't seem to be doing a sufficient job for the amount of dollars charged for launching a boat. There should not be a charge.
Shasta Lake	Making launching available when the lake drops below 100 feet. Most hardscape ramps should be extended to allow launching without 4 wheel drive. It is not good to have only Centimudi ramp open after 120 feet down.
Shasta Lake	Many more places to safely launch kayaks and canoes that are calm and far from the motorized boats and speed limits in kayaking areas.
Shasta Lake	Markers for when lake is getting low.
Shasta Lake	Marking of hazards, cleanup of floating debris, has poked hole in boat hull.



Shasta Lake	More boat ramps, it can be chaotic and stressful loading and unloading your boat at public ramps. There has been verbal and physical altercations with entire families witnessing the altercations.
Shasta Lake	More docks for when you launch your boat because there is hardly room to tie up. You have to go back out to wait to pick people up and pick up boat.
Shasta Lake	More launch access. Since I cannot travel as far in my kayak it would be nice to have more lake access to launch the kayak closer to other parts of the lake. It makes more of the lake accessible for kayaking.
Shasta Lake	Nav/hazard buoys. many newcomers to the lake get lost and others are unaware of islands, rocks that crop up if people spend a week there and the lake is dropping a foot a day.
Shasta Lake	Navigation aids. - - - - -Safety.
Shasta Lake	NEED MORE "LOW WATER" RAMPS( ESPECIALLY IN YEARS OF DROUGHT).
Shasta Lake	Our group happened to run into parking issues/problems with parking our tow vehicles with trailers at Silverthorne. We realize this happens during peak season, and that private resorts can have space issues. It just happened to be the only negative issue.
Shasta Lake	Parking can be a issue at boat ramps.
Shasta Lake	Parking for vehicles during busy visitation days.
Shasta Lake	Parking is very limited at all of the marinas and access points.
Shasta Lake	Parking- to alleviate the stress of finding a space to park. To know if your stranded that there is a low cost to tow you in- other than \$190 by some of the businesses. Especially when the sheriff doesn't answer.
Shasta Lake	Parking when the lake is full or nearly full is very difficult at Bridge Bay. A shuttle from a SECURE parking area would be great.
Shasta Lake	Parking, because it's very difficult to find a parking space.
Shasta Lake	Pave the roads to low water access. Get real, the forest service and Army Corp always hides behind BS environmental regulations about why we can't add boat ramps or low water access, but that is a farce... Quit saying no we can't do that and ask "Okay, how?"
Shasta Lake	Quit charging me to put a damn kayak in the water!
Shasta Lake	Restroom as many smaller boats do not have toilets.
Shasta Lake	Restrooms, showers - should be self explanatory.
Shasta Lake	Restrooms. There is only 3 floating if I'm correct. It takes a long time to get to these with a smaller motor.
Shasta Lake	Security, because Thievery is a common occupation in Shasta County. Thievery makes me angry, and when I get angry and catch thieves they end up having to call the police.
Shasta Lake	Stop charging a fee to use this waterway. We already pay for services with our taxes. We pay our yearly fee then when the government decides to shut down we can not use these facilities that we have already paid to use.
Shasta Lake	The launch ramps could use some upgrading. During the periods of low water, the paved ramps could be extended so launching would be easier.
Shasta Lake	Too much money is being charged for facilities built from public dollars in the first place!
Shasta Lake	Very few camping choices AND, to my knowledge, there are only two floating restrooms on the lake.

Shasta Lake	Water levels below 75 feet from full pool are common. At these depths Antlers, Baily Cove, and Jones Valley launch ramps are dry. While Packers Bay launch ramp is usable at lower levels, the ramp becomes very narrow and with Shasta Marina.
Smith River	Emergency services: If hurt, would like to be able to obtain assistance.
Smith River	Restrooms: Both of these exist on the Smith River, but there could be more bathroom locations.
Stampede Reservoir	Need more docking facilities to alleviate back-up.
Stone Lagoon	Boating access: long carry because the road to the ramp is rutted and has deep holes for regular cars.
Trinidad Harbor	Launch spots (by hand): Footing from parking to launch site is very poor and somewhat dangerous.
Trinity Lake	House boat pull out for repairs.
Trinity River	Access to fresh water: It gets hot and would be helpful to have more access.
Trinity River	Access to fresh water: Skunk Point Campground has no potable water available.
Trinity River	Boat-in campsites: away from road crowds.
Trinity River	Boat-in campsites: Would be more fun.
Trinity River	Boating access: I elaborated on this in the previous question. Rivers, most critically, are being closed off to public access. I would love to see access corridors established at regular intervals on rivers.
Trinity River	Launch spots (by hand): hard to get boat in.
Trinity River	Launch spots (by hand): Many stretches (put-in/take-out) don't have good access points.
Trinity River	Launch spots (by hand): More access points would be nice.
Trinity River	Launch spots (by hand): Take-out for Hawkins Bar is 15 feet vertical rock.
Trinity River	Parking: Parking on the Trinity river is extremely sparse.
Trinity River	Parking: Spots can be limited.
Trinity River	Security: Cars regularly get broken into and there is no safe place to store gear that is being left behind.
Trinity River	Security: Lots of car break ins.
Trinity River	Take-out spots: dangerous put-in access or crowded parking.
West Valley Reservoir	Can never have enough slips.
Whiskeytown Lake	A non motorized launch area would be well used and appreciated.
Whiskeytown Lake	ACCESS IS CROWDED.
Whiskeytown Lake	Boat docks need better bumpers at launch docks.
Whiskeytown Lake	Camping - not enough spaces.
Whiskeytown Lake	Campsites right by the water would be a great addition.
Whiskeytown Lake	Cleaning station at every dock.
Whiskeytown Lake	Condition of launch ramps are occasionally are in need of clearing/repair.
Whiskeytown Lake	During heavy usage there is insufficient trailer parking at all three launch sites.
Whiskeytown Lake	Emergency services: With kayaks, it's pretty easy to find a place to get in and out. But the cell-coverage out there can be spotty, and while it's nice that there are not many people on the lake, it can be a problem if you run into trouble. A repeating cell tower would be he.



Whiskeytown Lake	Fish cleaned before taking home keeps the wife from getting upset about the mess and smell. I would like to clean at the lake but it is illegal to leave carcasses on shore or disposed of improperly. Fresh water in a sink would be nice.
Whiskeytown Lake	Fish cleaning - we dry camp and like the cleaning stations away from camp.
Whiskeytown Lake	Fuel and docks so there is a place to keep boat and we always need more gas.
Whiskeytown Lake	Launch areas- more to unload when crowded.
Whiskeytown Lake	Launch facilities, sometimes quite crowded.
Whiskeytown Lake	Marinas. we'd like to keep our boat at Whiskeytown Lake but they're always booked.
Whiskeytown Lake	Marine service and repairs. There are no local facilities. Must bring a mobile repair service and/or haul the boat out for repairs.
Whiskeytown Lake	More launch facilities and additional parking for trucks and trailers. Limited parking has caused a lot of issues for holiday weekends and every weekend. Limited access to such a beautiful place creates long waits at the launch are. A few places to stop.
Whiskeytown Lake	Parking, because a lot of times it's very difficult to find a place to park the truck and trailer.
Whiskeytown Lake	Parking, because it's very hard to find a place to park the truck and trailer.
Whiskeytown Lake	Parking: heavy on weekends.
Whiskeytown Lake	REST ROOMS, OBVIOUS.
Whiskeytown Lake	Restrooms: no restrooms on lake waters accessible to non-motorized boats.
Whiskeytown Lake	There are virtually no camping locations available on either Shasta Lake or Whiskeytown Lake. These would be prime locations for campgrounds. So, we have to camp far out of town with almost no boating available.
Whiskeytown Lake	There is a shortage of places to tie your boat on the shoreline if you don't have a campsite on the water.
Yuba River	Boating access: Because access to the river is getting more and more dangerous. The same access spot is used in the summer to access the river by swimmers and concern is that someone will get injured while descending.
Yuba River	Boating access: Better access.
Yuba River	Boating access: Keep water flowing.
Yuba River	Boating access: to use the river.
Yuba River	Parking: Not enough parking for the amount of people that come.
Yuba River	Parking: Parking security at Purdons Crossing is questionable.
Yuba River	Parking: Purdon area needs more parking and pavement or gravel would reduce road damage.
Yuba River	Parking: Purdons Crossing can get overcrowded for parking, if they are going to fix the parking and make us pay to park there, then they might as well put in an outhouse or two.
Yuba River	Parking: The parking area at the put in is not paved, so it degrades with weather. And it is not very large.
Yuba River	Restrooms: Dirty.
Yuba River	Take-out spots: It's a long portage at Hallwood. Lots of difficult rocks to walk over.

*N=329*

## Appendix G. Boating Issues Reported by Motorized Boaters

### Appendix G. High Facility Use Fee (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	1	12.5%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	3	5.9%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	0	0.0%
Eel River	2	0	0.0%
Fall River Lake	15	1	6.7%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	1	1.6%
Lake Britton	8	1	12.5%
Lake Davis	10	1	10.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	2	15.4%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	2	7.7%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	1	20.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%

McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%
Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	3	16.7%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	1	50.0%
Salmon Lake	2	1	50.0%
Sardine Lake	74	6	8.1%
Shasta Lake	156	28	17.9%
Smith River	3	0	0.0%
Stampede Reservoir	10	1	10.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	1	25.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	3	4.4%
Yuba River	3	0	0.0%

## Appendix G. Invasive Species (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	0	0.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	11	21.6%
Copco Reservoir	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	1	3.1%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	1	100.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	1	11.1%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	1	50.0%
Klamath River	6	0	0.0%
Lake Almanor	64	2	3.1%
Lake Britton	8	0	0.0%
Lake Davis	10	2	20.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	0	0.0%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	1	50.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	8	10.8%
Shasta Lake	156	0	0.0%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	0	0.0%
Yuba River	3	0	0.0%

## Appendix G. Overcrowded (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	1	20.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	1	7.1%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	1	14.3%
Castle Lake	1	0	0.0%
Clear Lake	51	0	0.0%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	4	12.5%
Eel River	2	0	0.0%
Fall River Lake	15	2	13.3%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	1	9.1%
Iron Gate Reservoir	9	1	11.1%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	2	33.3%
Lake Almanor	64	2	3.1%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	1	7.7%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	2	7.7%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	1	20.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	1	33.3%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	0	0.0%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	11	14.9%
Shasta Lake	156	18	11.5%
Smith River	3	1	33.3%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	9	13.2%
Yuba River	3	0	0.0%

## Appendix G. Poor Ramp Conditions (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	2	40.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	1	12.5%
Bucks Lake	12	1	8.3%
Butt Valley Reservoir	7	2	28.6%
Castle Lake	1	0	0.0%
Clear Lake	51	4	7.8%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	12	37.5%
Eel River	2	1	50.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	2	18.2%
Iron Gate Reservoir	9	1	11.1%
Janes Reservoir	1	1	100.0%
Juanita Lake	2	0	0.0%
Klamath River	6	1	16.7%
Lake Almanor	64	2	3.1%
Lake Britton	8	1	12.5%
Lake Davis	10	1	10.0%
Lake McCloud	2	1	50.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	2	7.7%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	1	100.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	1	7.7%



Mountain Meadows Reservoir	3	2	66.7%
North Battle Creek Reservoir	2	1	50.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	6	33.3%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	16	21.6%
Shasta Lake	156	32	20.5%
Smith River	3	1	33.3%
Stampede Reservoir	10	2	20.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	2	50.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	1	1.5%
Yuba River	3	0	0.0%

## Appendix G. Poor Road Access (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
?	5	0	0.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	1	7.1%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	1	2.0%
Copco Reservoir	6	0	0.0%
Crater Lake	1	1	100.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	1	3.1%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	1	11.1%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	0	0.0%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	1	50.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	1	3.8%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	1	25.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	1	7.7%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	1	50.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	2	11.1%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	3	4.1%
Shasta Lake	156	5	3.2%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	2	2.9%
Yuba River	3	0	0.0%

## Appendix G. Issues with Motorized Boaters (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	1	7.1%
Blue Lake	8	0	0.0%
Bucks Lake	12	1	8.3%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	2	3.9%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	4	12.5%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	1	16.7%
Lake Almanor	64	4	6.3%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	1	7.7%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	1	14.3%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	1	50.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	2	2.7%
Shasta Lake	156	16	10.3%
Smith River	3	0	0.0%
Stampede Reservoir	10	2	20.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	1	1.5%
Yuba River	3	0	0.0%

## Appendix G. Issues with Non-motorized Boaters (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	0	0.0%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	0	0.0%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	0	0.0%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	1	20.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	0	0.0%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	1	1.4%
Shasta Lake	156	1	0.6%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	1	1.5%
Yuba River	3	0	0.0%

## Appendix G. Excessive/Rude Law Enforcement (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	2	40.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	0	0.0%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	1	3.1%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	0	0.0%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	2	7.7%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	2	40.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	1	7.7%



Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	1	14.3%
Pacific Ocean	18	0	0.0%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	1	1.4%
Shasta Lake	156	6	3.8%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	5	7.4%
Yuba River	3	0	0.0%

## Appendix G. I have not experienced problems at this waterway (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	0	0.0%
Antelope Lake	16	9	56.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	3	100.0%
Black Butte Lake	14	6	42.9%
Blue Lake	8	5	62.5%
Bucks Lake	12	7	58.3%
Butt Valley Reservoir	7	6	85.7%
Castle Lake	1	0	0.0%
Clear Lake	51	4	7.8%
Copco Reservoir	6	3	50.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	1	33.3%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	6	18.8%
Eel River	2	1	50.0%
Fall River Lake	15	5	33.3%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	1	25.0%
Humboldt Bay	11	4	36.4%
Iron Gate Reservoir	9	3	33.3%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	34	53.1%
Lake Britton	8	3	37.5%
Lake Davis	10	4	40.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	4	30.8%
Lake Shastina	7	2	28.6%
Lake Siskiyou	26	15	57.7%
Lakes Earl and Talawa	1	1	100.0%
Lewiston Lake	5	1	20.0%
Little Grass Valley Reservoir	4	2	50.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	1	33.3%
McCumber Reservoir	2	1	50.0%
Medicine Lake	13	7	53.8%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	1	50.0%
Noyo River	7	3	42.9%
Pacific Ocean	18	6	33.3%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	13	17.6%
Shasta Lake	156	33	21.2%
Smith River	3	1	33.3%
Stampede Reservoir	10	2	20.0%
Stone Lagoon	1	1	100.0%
Trinity Lake	4	1	25.0%
Trinity River	1	1	100.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	2	50.0%
Whiskeytown Lake	68	31	45.6%
Yuba River	3	0	0.0%

## Appendix G. Insufficient Water Depth (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	3	60.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	1	50.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	3	21.4%
Blue Lake	8	0	0.0%
Bucks Lake	12	1	8.3%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	15	29.4%
Copco Reservoir	6	2	33.3%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	2	66.7%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	21	65.6%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	1	50.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	2	18.2%
Iron Gate Reservoir	9	2	22.2%
Janes Reservoir	1	1	100.0%
Juanita Lake	2	0	0.0%
Klamath River	6	2	33.3%
Lake Almanor	64	4	6.3%
Lake Britton	8	0	0.0%
Lake Davis	10	1	10.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	4	30.8%
Lake Shastina	7	5	71.4%
Lake Siskiyou	26	2	7.7%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	2	40.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	1	50.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	2	66.7%
North Battle Creek Reservoir	2	1	50.0%
Noyo River	7	1	14.3%
Pacific Ocean	18	2	11.1%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	1	50.0%
Sardine Lake	74	18	24.3%
Shasta Lake	156	26	16.7%
Smith River	3	0	0.0%
Stampede Reservoir	10	1	10.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	2	50.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	0	0.0%
Yuba River	3	0	0.0%

## Appendix G. Lack of Parking (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	1	50.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	1	12.5%
Bucks Lake	12	1	8.3%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	1	100.0%
Clear Lake	51	3	5.9%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	1	3.1%
Eel River	2	0	0.0%
Fall River Lake	15	3	20.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	2	18.2%
Iron Gate Reservoir	9	2	22.2%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	1	16.7%
Lake Almanor	64	4	6.3%
Lake Britton	8	2	25.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	1	50.0%
Lake Mendocino	13	2	15.4%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	1	25.0%
Lower Biscar Reservoir	1	1	100.0%
Lower Sardine Lake	1	1	100.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	1	33.3%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	6	8.1%
Shasta Lake	156	31	19.9%
Smith River	3	0	0.0%
Stampede Reservoir	10	1	10.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	1	25.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	1	25.0%
Whiskeytown Lake	68	9	13.2%
Yuba River	3	0	0.0%

## Appendix G. Reservations Required (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	1	12.5%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	1	14.3%
Castle Lake	1	0	0.0%
Clear Lake	51	0	0.0%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	0	0.0%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	2	3.1%
Lake Britton	8	4	50.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	1	7.7%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%



Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	0	0.0%
Shasta Lake	156	2	1.3%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	0	0.0%
Yuba River	3	0	0.0%

## Appendix G. Poor Water Quality (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	1	7.1%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	28	54.9%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	1	3.1%
Eel River	2	0	0.0%
Fall River Lake	15	1	6.7%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	5	55.6%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	3	50.0%
Lake Almanor	64	1	1.6%
Lake Britton	8	2	25.0%
Lake Davis	10	1	10.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	1	3.8%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	1	20.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	0	0.0%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	9	12.2%
Shasta Lake	156	1	0.6%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	1	1.5%
Yuba River	3	0	0.0%

## Appendix G. Floating Debris (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	0	0.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	1	14.3%
Castle Lake	1	0	0.0%
Clear Lake	51	4	7.8%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	1	3.1%
Eel River	2	1	50.0%
Fall River Lake	15	3	20.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	1	11.1%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	0	0.0%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	1	7.7%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	3	60.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	1	14.3%
Pacific Ocean	18	0	0.0%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	29	39.2%
Shasta Lake	156	33	21.2%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	3	4.4%
Yuba River	3	0	0.0%

## Appendix G. Reckless PWC Operators (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	0	0.0%
Antelope Lake	16	1	6.3%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	4	28.6%
Blue Lake	8	0	0.0%
Bucks Lake	12	2	16.7%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	7	13.7%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	1	3.1%
Eel River	2	0	0.0%
Fall River Lake	15	1	6.7%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	1	25.0%
Humboldt Bay	11	1	9.1%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	9	14.1%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	5	38.5%
Lake Shastina	7	1	14.3%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	0	0.0%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	1	50.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	13	17.6%
Shasta Lake	156	34	21.8%
Smith River	3	0	0.0%
Stampede Reservoir	10	1	10.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	0	0.0%
Yuba River	3	0	0.0%

## Appendix G. Issues with Shipping Vessels (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	0	0.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	0	0.0%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	0	0.0%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	0	0.0%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%



Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	1	14.3%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	0	0.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	0	0.0%
Shasta Lake	156	0	0.0%
Smith River	3	0	0.0%
Stampede Reservoir	10	0	0.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	0	0.0%
Yuba River	3	0	0.0%

## Appendix G. Lack of Law Enforcement (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	5	0	0.0%
Antelope Lake	16	0	0.0%
Baum Lake	2	0	0.0%
Big Lagoon	3	0	0.0%
Black Butte Lake	14	0	0.0%
Blue Lake	8	0	0.0%
Bucks Lake	12	0	0.0%
Butt Valley Reservoir	7	0	0.0%
Castle Lake	1	0	0.0%
Clear Lake	51	1	2.0%
Copco Reservoir	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	3	0	0.0%
Dodge Reservoir	1	0	0.0%
Eagle Lake	32	0	0.0%
Eel River	2	0	0.0%
Fall River Lake	15	0	0.0%
Feather River-North Fork	1	0	0.0%
Frenchman Lake	2	0	0.0%
Freshwater Lagoon	1	0	0.0%
Gold Lake	4	0	0.0%
Humboldt Bay	11	0	0.0%
Iron Gate Reservoir	9	0	0.0%
Janes Reservoir	1	0	0.0%
Juanita Lake	2	0	0.0%
Klamath River	6	0	0.0%
Lake Almanor	64	3	4.7%
Lake Britton	8	0	0.0%
Lake Davis	10	0	0.0%
Lake McCloud	2	0	0.0%
Lake Mendocino	13	0	0.0%
Lake Shastina	7	0	0.0%
Lake Siskiyou	26	0	0.0%
Lakes Earl and Talawa	1	0	0.0%
Lewiston Lake	5	0	0.0%
Little Grass Valley Reservoir	4	0	0.0%
Lower Biscar Reservoir	1	0	0.0%
Lower Sardine Lake	1	0	0.0%
Manzanita Lake	3	0	0.0%
McCumber Reservoir	2	0	0.0%
Medicine Lake	13	0	0.0%

Mountain Meadows Reservoir	3	0	0.0%
North Battle Creek Reservoir	2	0	0.0%
Noyo River	7	0	0.0%
Pacific Ocean	18	1	5.6%
Packer Lake	1	0	0.0%
Pit River	1	0	0.0%
Ruth Lake	2	1	50.0%
Salmon Lake	2	0	0.0%
Sardine Lake	74	2	2.7%
Shasta Lake	156	7	4.5%
Smith River	3	0	0.0%
Stampede Reservoir	10	1	10.0%
Stone Lagoon	1	0	0.0%
Trinity Lake	4	0	0.0%
Trinity River	1	0	0.0%
Tule Lake	2	0	0.0%
West Valley Reservoir	4	0	0.0%
Whiskeytown Lake	68	2	2.9%
Yuba River	3	0	0.0%

## Appendix H. Boating Issues Reported by Non-motorized Boaters

### Appendix H. Boating Access (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	1	50.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	6	40.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	2	22.2%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	2	10.5%
Klamath River-Del Norte, Humboldt	3	1	33.3%
Klamath River-Siskiyou	11	1	9.1%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	1	100.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	1	33.3%
Pacific Ocean	19	2	10.5%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	1	33.3%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	1	16.7%
Trinity River	32	4	12.5%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	3	16.7%

## Appendix H. Overcrowded (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	1	7.1%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	1	5.3%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	1	9.1%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	1	33.3%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	1	3.1%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%

## Appendix H. Poor Ramp Conditions ( Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	1	7.1%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	2	13.3%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	1	5.3%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	1	9.1%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	1	5.3%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	1	16.7%
Trinity River	32	2	6.3%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%

## Appendix H. Poor Road Access ( Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	1	50.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	1	100.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	1	6.7%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	1	11.1%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	3	27.3%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	1	14.3%
Trinidad Harbor	6	0	0.0%
Trinity River	32	1	3.1%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	4	22.2%

## Appendix H. Issues with Invasive Species (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	3	21.4%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	1	5.3%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	2	6.3%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%



## Appendix H. Issues with Reckless PWC Operatorss (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	1	5.6%

## Appendix H. Shipping Vessels (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	1	6.7%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	1	16.7%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	1	3.1%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%

## Appendix H. Lack of Law Enforcement (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	2	66.7%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	1	3.1%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%

## Appendix H. Lack of Parking (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	1	7.1%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	3	20.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	1	11.1%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	1	5.3%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	1	100.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	4	21.1%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	1	16.7%
Trinity River	32	5	15.6%
Whiskeytown Lake	7	1	14.3%
Yuba River	18	6	33.3%

## Appendix H. Reservations Required ( Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	1	100.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%

## Appendix H. Poor Water Quality ( Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	1	16.7%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	1	9.1%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%

## Appendix H. Floating Debris (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	1	100.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	3	15.8%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	1	14.3%
Yuba River	18	0	0.0%

## Appendix H. Issues with motorized Boaters (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	2	10.5%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	1	16.7%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	1	14.3%
Yuba River	18	1	5.6%



## Appendix H. Issues with Non-motorized Boaters (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	0	0.0%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	1	16.7%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	0	0.0%

## Appendix H. Excessive/Rude Law Enforcement ( Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	0	0.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	0	0.0%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	0	0.0%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	0	0.0%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	0	0.0%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	0	0.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	1	5.3%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	0	0.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	0	0.0%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	0	0.0%
Mountain Meadows Reservoir	1	0	0.0%
Noyo River	3	0	0.0%
Pacific Ocean	19	0	0.0%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	0	0.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	0	0.0%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	0	0.0%
Trinidad Harbor	6	0	0.0%
Trinity River	32	0	0.0%
Whiskeytown Lake	7	0	0.0%
Yuba River	18	1	5.6%

## Appendix H. I have not experienced problems at this waterway (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
Albion River	2	0	0.0%
Baum Lake	2	1	50.0%
Benbow Lake	1	0	0.0%
Big Lagoon	14	6	42.9%
Black Butte Lake	2	0	0.0%
Blue Lakes	1	0	0.0%
Bucks Lake	3	0	0.0%
Clear Lake	6	2	33.3%
Crater Lake	1	0	0.0%
Crescent City Harbor	1	0	0.0%
Eel River	15	2	13.3%
Elk River	2	0	0.0%
Eureka Slough	3	0	0.0%
Feather River-North Fork	9	2	22.2%
Freshwater Lagoon	2	0	0.0%
Gold Lake	1	1	100.0%
Hookton Slough	4	0	0.0%
Horr Pond	1	0	0.0%
Humboldt Bay	19	6	31.6%
Klamath River-Del Norte, Humboldt	3	0	0.0%
Klamath River-Siskiyou	11	0	0.0%
Lake Almanor	3	3	100.0%
Lake Pillsbury	1	0	0.0%
Lake Siskiyou	3	1	33.3%
Lakes Earl & Talawa	1	0	0.0%
Lewiston Lake	1	0	0.0%
Mad River	8	0	0.0%
Mad River Slough	3	0	0.0%
Manzanita Lake	1	1	100.0%
Mountain Meadows Reservoir	1	1	100.0%
Noyo River	3	1	33.3%
Pacific Ocean	19	2	10.5%
Pacific Ocean-Van Damme Beach	2	0	0.0%
Pit River	3	0	0.0%
Russian Gulch	1	0	0.0%
Ruth Lake	1	0	0.0%
Ryan Slough	1	0	0.0%
Salmon River	4	1	25.0%
Sardine Lake	4	0	0.0%
Shasta Lake	2	0	0.0%
Smith River	6	2	33.3%
Stampede Reservoir	1	0	0.0%
Stone Lagoon	7	2	28.6%
Trinidad Harbor	6	0	0.0%
Trinity River	32	8	25.0%
Whiskeytown Lake	7	2	28.6%
Yuba River	18	2	11.1%

## Appendix I. Facilities by Waterway

### Appendix I. Existing Boating Facilities & Access on Waterways

Waterways	Boat Launch	Dry Storage	Marina	Mooring Field	Aquatic Center/ BISC	Boating Access	Fuel Dock	Landing/ Boat-In Sites	Marine Services/ Repair	SSR Facility	Yacht Club	Total Facilities Identified
Albion River	1	1	2	0	0	1	0	0	0	0	0	5
Antelope Lake	1	0	0	0	0	0	0	0	0	0	0	1
Benbow Lake	1	0	0	0	0	0	0	0	0	0	0	1
Big Lagoon	1	0	0	0	0	0	0	0	0	0	0	1
Big Sage Reservoir	1	0	0	0	0	1	0	0	0	0	0	2
Black Butte Lake	3	0	0	0	0	1	0	0	0	0	0	4
Blue Lake	1	0	0	0	0	0	0	0	0	0	0	1
Bucks Lake	4	0	2	0	0	0	0	0	0	0	0	6
Butt Valley Reservoir	1	0	0	0	0	1	0	0	0	0	0	2
Clear Creek	0	0	0	0	0	1	0	0	0	0	0	1
Clear Lake	21	5	17	0	0	3	0	0	0	0	1	47
Copco Reservoir	2	0	0	0	0	1	0	0	0	0	0	3
Crater Lake	1	0	0	0	0	0	0	0	0	0	0	1
Crescent City Harbor	1	0	0	0	0	0	0	0	0	0	0	1
Davis Creek	0	0	0	0	0	1	0	0	0	0	0	1
Dead Lake	1	0	0	0	0	0	0	0	0	0	0	1
Dodge Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Dorris Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Duncan Reservoir	0	0	0	0	0	2	0	0	0	0	0	2
Eagle Lake	6	1	4	0	0	0	0	0	0	0	0	11
Eel River	2	0	0	0	0	1	0	0	0	0	0	3
Fall River Lake	1	0	1	1	0	0	0	0	0	0	0	3
Feather River-North Fork	2	1	0	0	0	0	0	0	0	0	0	3
Fee Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Frenchman Lake	2	0	0	0	0	0	0	0	0	0	0	2
Freshwater Lagoon	0	0	0	0	0	1	0	0	0	0	0	1
Gold Lake	2	0	1	0	0	0	0	0	0	0	0	3
Horr Pond	1	0	0	0	0	0	0	1	0	0	0	2
Humboldt Bay	6	0	5	0	1	2	0	0	1	0	0	15
Indian Valley Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Iron Gate Reservoir	4	0	0	0	0	2	0	0	0	0	0	6
Janes Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Klamath River	5	0	1	0	0	9	0	0	0	0	0	15
Lake Almanor	15	1	12	1	0	0	0	0	0	0	0	29
Lake Britton	1	0	1	0	0	1	0	0	0	0	0	3
Lake Davis	4	0	1	0	0	0	0	0	0	0	0	5
Lake McCloud	1	0	0	0	0	0	0	0	0	0	0	1
Lake Mendocino	1	1	1	0	0	1	0	0	0	0	0	4
Lake Pillsbury	3	1	1	0	0	1	0	0	0	0	0	6
Lake Shasta	1	0	1	0	0	1	0	1	0	0	0	4
Lake Shastina	0	0	0	0	0	1	0	0	0	0	0	1
Lake Siskiyou	1	1	1	0	0	0	0	0	0	0	0	3
Lakes Earl & Talawa	1	0	0	0	0	0	0	0	0	0	0	1
Lewiston Lake	1	0	1	1	0	0	0	0	0	0	0	3
Little Grass Valley Reservoir	3	0	0	0	0	2	0	0	0	0	0	5
McCumber Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Medicine Lake	1	0	0	0	0	0	0	0	0	0	0	1
Mountain Meadows Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
North Battle Creek Reservoir	0	0	0	0	0	1	0	0	0	0	0	1
Noyo River	2	1	2	0	0	1	0	0	1	0	0	7
Pacific Ocean	5	3	4	0	0	2	0	0	0	0	0	14

Packer Lake	1	0	0	0	0	0	0	0	0	0	0	1
Pit River	0	0	0	0	0	1	0	0	0	0	0	1
Reservoir C	0	0	0	0	0	1	0	0	0	0	0	1
Reservoir F	0	0	0	0	0	1	0	0	0	0	0	1
Ruth Lake	1	1	1	1	0	0	0	0	0	0	0	4
Sacramento River	11	0	1	0	0	3	0	0	0	0	0	15
Salmon Lake	0	0	0	0	0	1	0	0	0	0	0	1
Salmon River	0	0	0	0	0	3	0	0	0	0	0	3
Sardine Lake	2	0	0	0	0	0	0	0	0	0	0	2
Shasta Lake	12	3	10	2	0	3	0	0	0	0	0	30
Smith River	4	0	0	0	0	4	0	0	0	0	0	8
Stampede Reservoir	1	0	0	0	0	1	0	0	0	0	0	2
Stone Lagoon	1	0	0	0	0	0	0	0	0	0	0	1
Stony Gorge Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Stuart Fork River	0	0	0	0	0	1	0	0	0	0	0	1
Trinity Lake	7	2	4	0	0	0	0	0	0	1	0	14
Trinity River	3	0	0	0	0	3	0	0	0	0	0	6
Tule Lake	0	0	0	0	0	1	0	0	0	0	0	1
Upper Blue Lake	1	0	0	0	0	1	0	0	0	0	0	2
Webber Lake	1	0	0	0	0	0	0	0	0	0	0	1
West Valley Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Whiskeytown Lake	4	3	2	1	1	0	0	0	0	0	0	11
Yuba River	3	0	0	0	0	0	0	0	0	0	0	3
Yuba River-North Fork	1	0	0	0	0	0	0	0	0	0	0	1
<b>Total Count</b>	<b>173</b>	<b>25</b>	<b>76</b>	<b>7</b>	<b>2</b>	<b>62</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>351</b>

## Appendix J. Launch Locations by Waterway

### Appendix J. Launch Locations Reported by Boaters

Launch Location	Frequency Reported
<b>Albion River</b>	
Albion Campground	5
Liquid Fusion Kayak Main Launch	1
<b>Antelope Lake</b>	
Antelope Lake Main Launch	6
Campground	1
Lone Rock	1
Lost Cove	1
<b>Baum Lake</b>	
PG&E Fishing Access	1
<b>Big Lagoon</b>	
Beach	1
Big Lagoon	2
East side, next to Highway 101	1
Main Launch	3
North Shore	1
Paid parking to carry in	1
Shore	3
<b>Black Butte Lake</b>	
Buckhorn Recreation Area	5
Eagle Pass	5
Orland Buttes	1
South Main Launch	1
<b>Blue Lake</b>	
Blue Lake Main Launch	5
LaTriannonne Resort	1
The Narrows	1
<b>Blue Lakes</b>	
Blue Lakes	1
<b>Bucks Lake</b>	
Bucks Lake Camp and RV	1
Haskins	1
Lake Shore Main Marina	3
Sandy Point Recreation Area	5
Sundew Recreational Area	1
<b>Butt Valley Reservoir</b>	
Afterbay	1
Ray Adams Main Launch	3

**Castle Lake**

Castle Lake Parking area	1
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**Clear Lake**

5th Street Boat Main Launch Lakeport	2
Braitto's Buckingham Main Marina	2
Clear Lake State Park	10
County Park in Kelseyville	2
HOA Buckingham	1
Holiday Harbor	1
Island Park	1
Kelseyville	1
Kono Tayee Estates Home Owner's Association Main Launch	4
Konocti Vista resort	2
Lakeport Public Main Launch	1
Library Park Main Marina	3
Lucerne Day Use Main Launch	4
Nice Keeling Park	1
Oaks Beach park	1
Redbud Park Boat Main Launch	7
Riviera Heights Homeowner Association Main Marina	2
Rodman Slough	1
Walnut cove mobile home park	1

**Copco Reservoir**

Mallard Cove	2
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**Crescent City Harbor**

West End	1
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**Crescent City Harbor**

CC Harbor Main Launch	3
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**Eagle Lake**

Eagle Lake Main Marina	10
Gallatin Main Marina	6
Low water boat Main Launch	1
Main Marina Main Launch	3
Pelican Point	1
Public launch	1
South Main Marina	1
Spalding	2
Stones Landing	1

**Eel River**

Alder Point	2
Boonville	1
Cock Robin Island Public Main Launch	2

Outlet Creek	4
Williams Grove	1
<b>Fall River Lake</b>	
Dam Launch site	1
Joe Miller Main Launch	5
Narrows Launch area	2
Private ranch	1
Skipper Cove	3
<b>Feather River-North Fork</b>	
Beach	1
Rogers Flat	1
Star Bend	1
Tobin Vista	1
<b>Frenchman Lake</b>	
Campground	1
<b>Freshwater Lagoon</b>	
Bank of Freshwater Lagoon	1
<b>Gold Lake</b>	
Folsom Point	1
Gold Lake Main Launch	1
Picnic Area East Side of Lake	1
<b>Humboldt Bay</b>	
Eureka Boat Basin	1
Eureka Public Main Launch	1
Fields Landing Public Main Launch	3
Floating Main Launch	1
Foot Of C St. Launch	1
Hookton Slough	1
Humboldt Bay Aquatic Center	6
Indian Island	1
King Salmon	1
Main Marina	1
Samoa Bridge	3
T Street boat Main Launch Eureka	1
Woodley Island Main Marina	1
<b>Iron Gate Reservoir</b>	
Camp Creek	1
Dry Gulch Main Launch	1
Main Boat Launch	1
Mirror Cove	4
<b>Juanita Lake</b>	
Public Main Launch	1



**Klamath River**

Above Caldera Rapid	1
Big Bar Grave Bar	2
Indian Creek	1
Irongate Boat access	1
Klamath Glen	1
Main Launch	1
Persidio Bar River Access	1
River Launch	1
Terwer Park Resort, Terwer Riffle Rd. Klamath, Ca	1

**Lake Almanor**

Big Cove Main Marina	2
Canyon Dam Main Launch	10
Dam Next to Rocky Point	1
Federal Campground at West Almanor	3
Forest Service Main Launch @ Canyon Dam	1
Knotty Pine Resort	1
Lake Almanor Campgrounds	6
Lake Almanor Country Club	10
Lake Almanor West Launch	4
Main Launch at Canyon Dam	1
NorthShore Campground, Chester	1
PG&E Boat Main Launch at Canyon Dam	4
Plumas Pines Main Marina	1
Prattville	2
The Dam Main Launch or private launch	1
US Forest Service	3
West Branch	3

**Lake Britton**

Burney Falls	2
Jamo Point	1
Lake Britton	1
MacArthur Burney State Park Main Marina	1
Main Launch	3

**Lake Davis**

Camp Five Boat Main Launch	1
Coot Bay	1
Grasshopper Flat	1
Honker Bay Main Launch	3
Lightning Tree	1
Malard Cove	1

<b>Lake McCloud</b>	
Forest Service Main Launch	1
Tarantula Gulch	1
<b>Lake Mendocino</b>	
Main Launch	4
North Boat Main Launch, Lake Mendocino	4
South Boat Main Launch	2
<b>Lake Pillsbury</b>	
Campsite	1
<b>Lake Shastina</b>	
Dwinell Park	1
Emerald Isle	1
Lake Shastina Property Owners Main Launch	1
Private entry for residents	1
Public Access Jackson Ranch Rd	2
<b>Lake Siskiyou</b>	
Eagle Lake Main Marina	1
Lake Siskiyou Campground Main Launch	23
<b>Lakes Earl and Talawa</b>	
Pacific Shores (lake access road)	1
<b>Lewiston Lake</b>	
Lakeview Terrace Launch	1
Pine Cove	1
Public Main Launch	1
Whiskey Creek Main Launch	1
<b>Little Grass Valley Reservoir</b>	
Campground	1
Day use Main Launch	1
Peninsula	1
<b>McCumber Reservoir</b>	
Lake McCumber Launch	1
<b>Medicine Lake</b>	
East public boat Main Launch	1
Main Launch	3
Medicine Lake Day Use Area	5
<b>Mountain Meadows Reservoir</b>	
Indian Ole Dam	2
<b>North Battle Creek Reservoir</b>	
PG&E Shore line	1
<b>Noyo River</b>	
Beach	1
Dolphin Isle Main Marina	1
Main Launch	2

Noyo Fishing Harbour	4
<b>Pacific Ocean-Del Norte, Humboldt, Mendocino</b>	
Anchor Bay Campground or Point Arena Pier	1
Beach	1
Big River	1
Bodega Bay	2
City Main Launch	1
Crescent City Harbor	2
Dolphin Isle Main Marina	2
Eureka City Main Launch, Wharfinger Building	1
Fields Landing Public Main Launch	1
Fort Bragg	3
Gualala	1
Marconi Cove	1
Noyo River Launch	2
Shelter Cove	1
South Harbor Main Launch	1
Trinidad Harbor	6
<b>Pit River</b>	
Public Park in Fall River Mills	1
<b>Ruth Lake</b>	
Main Launch	1
Ruth Rec	1
<b>Sacramento River</b>	
Anderson	1
Boathouse Main Marina, Walnut Grove	1
Brannan Island	1
Broderick Boat Main Launch	5
Delta Main Marina, Rio Vista, Ca.	2
Discovery Park	12
Elkhorn Main Launch	8
Garcia Bend	3
Hamilton City	1
Hog Back	2
Honkercut	1
Knights Landing Main Launch	2
Lauritzen Yacht Harbor	1
Main Marina	1
Miller Park	8
New Hope	2
Ord Bend	1
Posse Grounds in Redding, CA	1
Roosters Landing	1

Russo's Main Marina, Bethel Island, CA	1
Sacramento Main Marina - Miller Park	2
Scotty's Boat Landing - Main Launch	1
Sherman Island	1
Verona Main Marina	4
Village West Main Marina	1
Washington Outboard Club Main Launch	1
Woodson Bridge Recreation Area	1

### Shasta Lake

Antlers Public Launch Main Launch (Lakehead)	12
Baily Cove	1
Bridge Bay Main Marina	20
Centimundi Boat Main Launch	14
Dam	1
Digger Bay	2
Feather River Area	1
Fisherman's Point Boat Main Launch	1
Hertz Bay	5
Holiday Harbor Main Marina	10
Jones Main Marina Main Launch	38
Lakeview Main Marina	2
O'brien Inlet	2
Old Hwy 99 at Salt Creek	1
Packers Bay Main Marina	18
Salt Creek	3
Scotts Valley Houseboats	1
Shasta Dam, Centamooddy Main Launch	2
Shasta Main Marina	1
Silverthorne Resort Main Marina	4
Sugarloaf Resort	4
Table Bay	1

### Smith River

Middle Fork	2
On private land	1
Main Marina	1
Salmon harbor RV park Beach	1
Sand Wash	1

### Stampede Reservoir

Logger Campground	1
Main Launch	3

### Stone Lagoon

Hwy 101 Parking Lot	1
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**Trinidad Harbor**

Beach	1
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**Trinity Lake**

Cedar Stock Main Marina	2
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Trinity Center Main Launch	2
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**Trinity River**

Bagdad	2
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China Slide	1
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Del Loma	1
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Evans Bar	1
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Hayden Flat	5
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Pigeon Point	7
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Side of highway	1
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Strawhouse Cafe	1
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**Whiskeytown Lake**

Brandy Creek	11
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Oak Bottom Boat Main Launch	19
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RV Campground	1
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Whiskey Creek Main Launch	30
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**Yuba River**

Edwards Crossing	5
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Goodyears bar	1
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HW49 bridge	2
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Parks Bar	2
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South Beach	1
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*Total Count = 703*