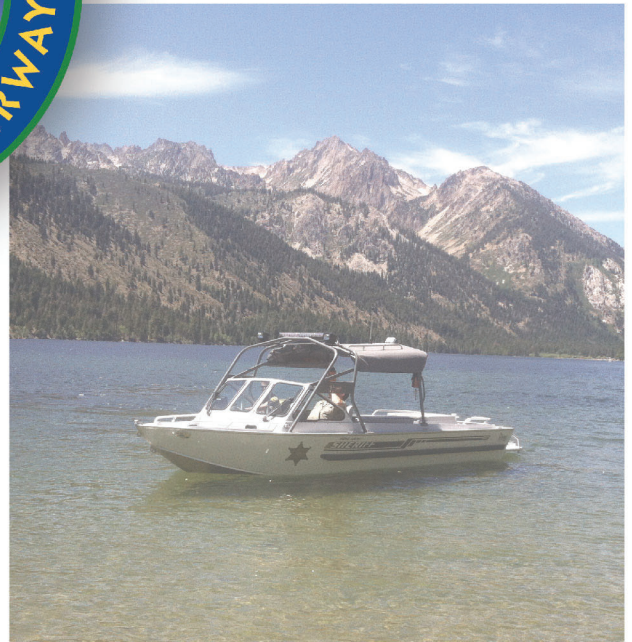


# CALIFORNIA BOATING FACILITIES NEEDS ASSESSMENT

2019



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**CBFNA**

**VOLUME II**



**METHODS**

**CALIFORNIA BOATING FACILITIES NEEDS ASSESSMENT**



# **CALIFORNIA BOATING FACILITIES NEEDS ASSESSMENT**

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December 2019

The California Boating Facility Needs Assessment was prepared under contract by:

**California State University, Sacramento**



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***Contractors would like to acknowledge and thank the following individuals from the Division of Boating and Waterways.***

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***Contractors would like to acknowledge and thank the following individuals for their work on this project. Without their dedication, this project would not have been possible.***

**Senior Research Assistants:** Heather Everett, Laura Gray, and Casey White

**Junior Research Assistants:** Elizabeth Armas, Laurel Pyle, Cinthia Spitaleri, and Kyle Weisenthal

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***Thank you to everyone who participated in this study by completing a survey or attending a focus group interview.***

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## **Introduction**

*Volume II: Methods* explains the methodology used for the current *California Boating Facilities Needs Assessment (CBFNA)*. Specifically, the various data collection efforts to generate information about boating facility needs and boating-related issues are described; these include surveys, focus groups, and other data sources. The data collection section is followed by a brief discussion of how these data are analyzed. The next section provides an explanation of how UDVs are calculated. The final section of this volume describes the methodology used in assessing boating trends.



# Data Collection

In this section, methods used to collect boating facilities information and social data are described. Four different surveys were created and administered to different target populations. These populations include a sample of registered motorized boat owners, a sample of non-motorized recreational boaters, a sample of law enforcement agencies, and surveys of boating facilities across California. In addition to the surveys, a range of other methods were used to collect data and gather information.

For the boater surveys, a total of 5,349 were collected; a sufficient number of surveys were collected to achieve at least a 95% confidence interval with a margin of error of  $\pm 5\%$  for each of the seven regions. The breakdown of the number of survey participants from each region is listed in Table 1.

**Table 1. Number of Survey Respondents by Region**

Region	Motorized	Non-motorized	Total
Northern California	302	90	<b>392</b>
Sierra	480	116	<b>596</b>
Central Valley	598	213	<b>811</b>
Greater San Francisco Bay Area	628	600	<b>1,228</b>
Central Coast	470	113	<b>583</b>
Los Angeles	261	128	<b>389</b>
Southern California	1,035	308	<b>1,343</b>
Outside of California	0	7	<b>7</b>
<b>TOTAL</b>	<b>3,774</b>	<b>1,575</b>	<b>5,349</b>

The boater surveys produced 8,500 data points focused on specific waterways, due to the fact that study participants were asked to provide detailed information about one or two waterway(s) they most frequently visited. The breakdown of the number of waterway data points by regions are listed in Table 2.

**Table 2. Number of Waterway Data Point by Region**

Region	Motorized	Non-motorized	Total
Northern California	725	242	<b>967</b>
Sierra	879	452	<b>1,331</b>
Central Valley	916	343	<b>1,259</b>
Greater San Francisco Bay Area	563	835	<b>1,398</b>
Central Coast	518	237	<b>755</b>
Los Angeles	399	274	<b>673</b>
Southern California	1,371	746	<b>2,117</b>
<b>TOTAL</b>	<b>5,371</b>	<b>3,129</b>	<b>8,500</b>

## Motorized Boater Survey

This survey was one of the significant social research efforts associated with this study. It focused specifically on motorized recreational boating and targeted a sample of registered motorized boat owners who live across California. In collaboration with DBW, researchers developed an electronic survey to address the study's objectives discussed in *Volume I: Introduction*. The survey included both quantitative and qualitative questions (see Appendix A).

In brief, a randomized sample of registered motorized watercraft owners who resided across the seven regions were the basis for this study's approach to surveying motorized boaters. A total of 3,774 surveys were completed after participants received a mailed invitation card. For their time, study participants who completed the survey received a Franko fish card/mini-map of their choice.

To obtain the contact information of registered boaters in California, researchers contacted the DMV and USCG and were provided a list of all registered motorized boat owners within the State of California for 2015. From those lists, boat owners who resided within the seven different regions were randomly selected to be asked to participate in this study. Prior to randomization, any duplicate owners (i.e., those owning more than one boat) were removed to ensure that an individual did not receive multiple survey invitations. The final seven region lists were then generated using the random function in excel [=RAND()].

Administration of the online boater survey was a two-step process following Dillman's (2009) recommendations in survey administration and utilizing the internet survey company Qualtrics ([www.qualtrics.com](http://www.qualtrics.com)). The first step included sending a postcard to those individuals who had been randomly selected. Written on the postcards was an invitation to take the survey and a rationale explaining why this particular survey might be important to watercraft owners (see Appendix B for image of the postcard). The postcard instructions directed potential participants to a website address where individuals could find the survey instrument to complete. A distinct username and a password were assigned to each individual invited to take the survey and could only be used once for survey access.

During the second step, the survey participant went online to the website, entered a password which then enabled the survey. The participant was again informed of the survey purpose and the length of time it would take to complete the survey (approximately 10-15 minutes). In addition, it was communicated that the participant could stop taking the survey at any time, that participation was completely voluntary, and that the distinct username and password were in no way connected with the survey responses. After completion of the survey, the participant was able to request which Franko fish card/mini-map they would like to receive in exchange for their time.

Qualtrics survey software was used to help build, design, and administer the survey responses ([www.qualtrics.com](http://www.qualtrics.com)). This particular computer software was selected because it allowed for the given two-step process described above. In most survey software programs, surveys are administered online and individual email addresses are required. In this case, email addresses were unknown by the researchers, prompting the use of postcards asking individuals to go online to complete the boating survey.

Postcards were mailed to potential survey participants from the randomized lists in three waves: September 2016, November 2016, and March 2017. For the first mailing, 86,740 postcards were mailed; 86,655 for the second mailing, and 37,457 for the third mailing. Approximately, 5% of the postcards were returned due to inaccurate addresses. Overall, a total of 3,774 motorized boater surveys were completed.

## Non-Motorized Boater Survey

This survey was another of the substantial social research efforts associated with this study. This survey focused specifically on non-motorized recreational boating and targeted a sample of non-motorized boaters who live across California.

Similar to the motorized boater survey, DBW worked in collaboration with researchers to develop an electronic survey to address the study's non-motorized recreational boating objectives discussed in *Volume I: Introduction*. The survey included both quantitative and qualitative questions (see Appendix C). Qualtrics survey software was used to help build, design, and administer the survey responses ([www.qualtrics.com](http://www.qualtrics.com)). The survey was made accessible for individuals who utilize screen readers.

In efforts to contact as many non-motorized boaters across California to complete the survey, a range of methods were used (i.e., emails, mailings, phone calls, focus groups, attending events, etc.) as described below. The potential participants were informed of the survey purpose and the length of time it would take to complete the survey (approximately 10-15 minutes). It was also communicated that the participant could stop taking the survey at any time, that participation was completely voluntary, and that their responses were anonymous. A total of 1,575 non-motorized boater surveys were completed. After the completion of the survey, the participant was able to request which Franko fish card/mini-map they would like to receive in exchange for their time.

### *Emails, Mailings, and Phone Calls*

Non-motorized boating clubs, associations, businesses, boating facilities, and event coordinators were contacted in an effort to include a cross-section of non-motorized boating communities in the state. Clubs, associations, and businesses were found using Google, Facebook and Yahoo. Using the search engine, key words affiliated with the type of non-motorized boat clubs (i.e., kayak, canoe, SUP, outrigger canoe, raft, dragon boat, and non-motorized boating club, etc.), along with each of the counties in California, were entered. Similar keywords were used to find boat rental locations and shops. The information collected was used to generate lists of people and organizations to contact.

In July 2017, 178 non-motorized boating clubs and associations were sent an email requesting they forward the survey link to their email lists or post on their Facebook page (see Appendix D for list of those contacted). Similarly, 241 businesses were contacted with the same request (see Appendix E for list of those contacted). Packets containing business cards and flyers were mailed to 102 organizations including national, state, and county parks, businesses, and aquatic centers (see Appendix F for list of organizations that received a packet).

US Army Corps of Engineers program managers, 77 state parks, as well as 64 privately-owned clubs and aquatic centers were called and asked to promote the survey. Sixteen organizations that focus on non-motorized boaters with disabilities were also contacted. Follow-up emails and communications were ongoing with key players in the non-motorized boater communities during the summer and fall 2017. Approximately 80% of these individuals agreed to forward the email link to people in their respective non-motorized boater communities.

## ***Focus Groups, Meetings, and Events***

In addition to the methods described above, researchers and DBW determined that collecting information and listening to boaters in the field via a number of strategized meetings and events would offer a chance to include increased numbers of perspectives and further promote completion of the survey. These methods included conducting focus group interviews and attending a number of boating events around California.

Focus groups were also conducted because individual paddlers contacted the research team stating that they did not feel like their experiences were being captured by the online boater survey. Therefore, researchers determined that boaters' abilities to explain and interact with their peers would be a useful addition to the multiple-method approach that had been originally adopted for this project. A number of group interviews were proposed to represent a variety of non-motorized boating subgroups, located both on coastal regions of California, as well as inland.

### ***Focus Group Interviews***

The methodology of focus groups has been used considerably in the last few decades as both a free-standing tool for social research and a complement to other methods of inquiry, such as online survey methods used extensively in this research effort (Babbie, 2015). One purpose of focus groups can be to collect social data that contrasts or corroborates issues identified in the other research efforts. One of the primary values of focus groups is the varying nature of results from those typically unearthed in quantitative research: groups in conversation and interaction often yield ideas and results that become differently illuminating than the more reductionist, researcher-defined structure of knowledge yielded by more structured tools, such as online surveys (Carey, 2016). Additionally, focus groups can yield information not anticipated by researchers, particularly if those being interviewed are encouraged to articulate their issues in an open and accepting environment.

Five focus group interviews were conducted by project researchers during fall 2017 and winter 2018, and while researchers presented attendees with a brief summary of the boating facilities needs assessment effort, the meetings were generally open-ended in terms of topics covered. Those in attendance were asked to generate lists of boating needs priorities from the perspective of the groups they represented.

Focus groups were structured by interest and geography with two groups meeting in Sacramento, one in the San Francisco Bay Area, and two proximate to Los Angeles and San Diego. For the first focus group interview, a group of leaders representing a cross section of paddle communities around the greater Sacramento area met at the Sacramento State Aquatic Center in October 2017. The second group was comprised of a meeting with a sub-section of attendees from the California Boating and Waterways Commission, which was conducted after the Commissioner's meeting in Old Sacramento in fall 2017. A focus group with leaders of Northern California Dragon Boat groups was held in San Francisco in February 2018. In Southern California, a focus group interview was facilitated at Newport Aquatic Center in Newport Beach in February of 2018 with aquatic center management and local paddling event coordinators. In February 2018, another focus group was held in Oceanside with another cross section of paddle communities including experienced non-motorized boaters, a retired lifeguard from the City of Oceanside, local business owners, and members and former members of the Southern California Outrigger Racing Association.

### ***Boating Interest Group Meetings and Events***

Researchers also attended a number of non-motorized boating events throughout California, including the Feather River Festival in Northern California near Belden (50 miles east of Chico) in September 2017. Over 1,000 white water kayaker and rafters were in attendance at the event. To further promote participation in the online non-motorized boater survey,

business cards, flyers, and information were distributed at the race locations as well as at the registration table. Researchers also attended the Catalina Outrigger Canoe Race in Newport in September 2017. At this event, researchers posted flyers at all official booths, vendor booths, and catering booths on Catalina Island and at the Newport Dunes RV Park.

In October 2017, project researchers attended the executive board meeting of the Southern California Outrigger Racing Association where attendees from each of the 28 clubs were asked to encourage their members to participate in the survey. Researchers also promoted the survey at the Dam Race in Lake Havasu, Arizona in November 2017 (where many of the paddlers are from California).

In January 2018, researchers attended the International Sportsmen's Expo, a commercial outdoor recreation exhibition in Sacramento. Researchers handed out business cards and study flyers at the Expo entrance/exit and in the exposition hall. Study business cards and flyers were handed out by the DBW at their booth on Saturday and Sunday of the event. A number of agency and business attendees at the Expo were also enlisted to hand out materials at their respective locations following the event with information about the non-motorized boating study. These included the U.S. Fish & Wildlife Service, DPR, Lake Camanche Recreation (The Recreation Company), Bishop County Parks & Recreation Department, Lake County Parks, Marsh Creek State Park, Volt SUP, Adventure Sports Kayak City, Mono County Parks, and Knotty Pine Resort (Lake Almanor).

## Facilities

Information about current boating facilities in California was gathered for three primary purposes: (1) to update the DBW's facility database by adding facilities not listed in the original database and update general information about those already listed in the database, (2) to acquire additional information about the current facilities located on the different waterways throughout California such as services offered (e.g., restrooms, fish cleaning station), and (3) to provide a facility-manager perspective on the facility needs and boating issues which are discussed in *Volumes III – X: Regions*. In this section, the steps taken to update the facility database and gather information are described.

### Original Database

A boating facility database (*FullFacilityFile\_11\_12\_15.xlsx*) was initially provided to the researchers by the DBW with a list of 1,602 facilities. The first step in updating this database was to 'clean up' the file by removing duplicate entries, correcting inaccurate entries, and trying to complete incomplete entries (i.e., data affiliated with a facility). To identify duplicate entries for facilities in the original database, researchers utilized the (Control + H)/(Control + F) functions in Excel and searched facility location (i.e., address). Through this process, researchers discovered many instances of misspelled facility names, facilities which had changed names, facilities which were no longer in operation, in addition to duplicate entries. For example, numerous facilities were listed with two names, such as (a) Silverwood State Recreation Area was also listed as Silverwood SRA or (b) [Waterway Name] Boat Launch Facility was also listed as [Waterway Name] BLF.

If a facility duplicate was found, researchers confirmed that the entry was indeed a duplicate by following up with an internet search and/or calling the facility. Once confirmed as a duplicate, information from the duplicate entries were consolidated into one entry and the duplicate entry was removed.

To correct inaccurate entries, researchers performed an internet search to update the address and other contact information such as emails. Accurate email addresses were important to obtain in distributing the facilities survey, which is described below. In running these searches, researchers also looked for any additional information about facilities for incomplete entries. Once the original database was 'cleaned,' additional facilities (not included in the original database) were added.

## Additional Sources

To find additional facilities that were not included in the original database and to update facility-related information, researchers consulted a range of sources. Researchers incorporated relevant data from these various data sources described below into DBW's original *FullFacilityFile\_11\_12\_15.xlsx*.

The sources include the following:

- 2018 Slips Guide (created by The Log Newspaper, Duncan McIntosh Co. Inc.),
- 2017 Bay Area Slip Survey (conducted by the Marine Recreation Association, the Bay Area Harbormaster Group, and the California Association of Harbormaster's and Port Captains),
- 2017 Nationwide Marinas Database (provided by Marinas.com),
- 2017 United States Forest Service (USFS) NRM Recreation Site Application database (provided by USFS),
- 2017 DBW Grant Applicants list (provided by DBW),
- 2017 Vessel Waste Plan Data Collection (provided by DBW), and
- 2015 Inventory of Recreation Facilities in the Sacramento-San Joaquin Delta (created by the Delta Protection Commission).

It is worth noting that for approximately 15 months, the research team both met with a range of individuals from the US Army Corp of Engineers (USACE) (in the Sacramento office) and sent multiple Freedom of Information Act (FOIA) requests to USACE in efforts to obtain their boating facility permit data. The USACE responded that the request would be too time consuming to complete for all facilities throughout California. In *Volume III: Statewide* (recommendations section), researchers suggest that DBW further pursue this avenue and establishes a partnership with the USACE to ensure that all current and new facilities are included in the DBW database.

## Facility Survey

Researchers also developed a facility manager/owner survey with Qualtrics survey software ([www.qualtrics.com](http://www.qualtrics.com)) which included both quantitative and qualitative questions (see Appendix G). This survey, developed in collaboration with DBW, was primarily designed to collect additional information about the facility, update existing information, and obtain facility needs and boating issues on various waterways from a facility-manager perspective.

The survey was sent to all of the facilities in the original *FullFacilityFile\_11\_12\_15.xlsx* and to facilities that were added to the file through the other sources. The facility survey was sent out five times to the original list and two-three times to the additions. The first survey was sent out in fall 2016 with the last survey sent in spring 2018. In addition to the survey being sent multiple times, facility managers who did not fill out the survey were contacted by researcher assistants by mail, email, and/or by phone in summer 2017 and again in spring 2018. Facility managers were again asked to complete the survey on these occasions. A total of 406 surveys were completed. A list of facilities that at least partially completed the survey can be found in Appendix H. Facilities that were contacted to complete the survey and did not can be found in Appendix I; data for these facilities came from other sources as described below.

For facilities that did not complete the survey, researchers obtained information by utilizing alternative sources, as previously discussed. The final database includes 1,574 facilities throughout California. While every effort was made to establish a comprehensive database, not all facilities are captured. In *Volume III: Statewide* (recommendations section), the research team suggests that the DBW continues to update this database on a regular basis. It is also recommended that the division consider providing a mechanism for facilities to enter information on their own to keep the database up-to-date such as portal on DBW's website, in addition to determining a meaningful incentive for facilities to want to be included in its database. It is also suggested that DBW integrate other data from different sources into this database.

## Law Enforcement Survey

This survey focused on boating facility needs and boating issues from the perspective of law enforcement agencies who are involved in public safety on California's waterways. In collaboration with DBW, the researchers developed an electronic survey to address the study's objectives as discussed in *Volume I: Introduction*. The survey included both quantitative and qualitative questions (see Appendix J). It is worth noting that additional safety-related questions were included on this survey, but are not included as part of the facility needs assessment.

DBW sent an email requesting participation in a survey to approximately 200 law enforcement agencies throughout California during fall 2016 (see Appendix K for list). The division followed up with two additional emails to encourage participation. Approximately, 80 law enforcement agencies completed all (or a portion) of the survey (see Appendix L for list).

## Survey Data Analyses

For quantitative survey responses, basic statistical analyses are employed. For frequency and other type of quantitative questions, percentages and frequencies are calculated. For the qualitative data collected through open-ended questions in surveys and interviews, researchers focused on respondents' language in the analyses. Respondents' discourse are segmented into thematic "thought" units and open coded (Strauss & Corbin, 2000). "Thought" units are main ideas contained in a phrase or sentence and may be given two or three codes if it contained more than one main idea.

It is worth noting that under some of the tables presented in the subsequent sections, there is an N = # or Total Count = #. The N represents the number of study participants who answered the question. For a number of questions, participants were asked to select multiple responses (if applicable). Therefore, Total Count represents the number of responses, categories, or comments made by participants.



# Unit Day Values (UDV)

As previously noted in *Volume I: Introduction*, one of the objectives of the *Boating Facilities Needs Assessment* is to gain a clearer understanding of the economic contributions of motorized and non-motorized boating throughout California. Economic contributions of a recreation activity can be assessed by *economic value (recreational benefit) and economic significance/impact*.<sup>1</sup> For this study, economic value (recreational benefit) will be assessed, not the economic significance/impact, due to the fact that the number of annual visitors to each waterway throughout California (which are necessary for this type of assessment) are not readily available. It should be noted that one of the recommendations at the end of this study suggests a variety of field-based boating studies which would yield data sufficient for future economic impact studies.

Economic value (recreational benefit) includes “non-market” benefits (value that is not expressed through a market transaction) and measures how much a recreational opportunity is worth to its users. In this case, the recreational opportunities are the waterways in California, and the users are the motorized and non-motorized boaters.

In recreation research, the economic value is frequently assessed through a UDV which is a measure of the recreational benefit boaters gain from the experience of boating on a particular body of water, which can provide important insight into their choices of boating access. While there are multiple ways to derive UDVs, *travel cost methodology (TCM) and willingness-to-pay (WTP)* (which is a contingent valuation method [CVM]) are the two methods employed in this research.

Because California is comprised of many different types of waterways and geographic regions (see regions below), one can assume that recreational value differs across types of waterways and regions. For example, the recreational value of San Francisco Bay is likely different than Lake Perris. In an effort to reflect the variation, the researchers and DBW agreed that generating multiple UDVs for the range of waterways within each region made sense (instead of applying a universal UDV).

## Waterway Classification

To generate multiple UDVs, waterways were first classified into different types: salt water, lakes/reservoirs, and rivers. Next within those major groups, waterways were characterized by the use of various boat types. Because expenditures are significant factors in generating UDVs, it was assumed that spending patterns would be related to use of various boat types (e.g., similar among those on yachts, but different to those in kayaks). After much discussion among researchers and agency staff, 10 waterway categories emerged (see classification descriptions below Tables 3-5). The number of boat types in these tables increase from left to right. To reiterate, these categories are designed to be used in the generation of different UDVs across the seven regions to reflect the variation in recreational value of different waterway types. Four hundred and eight California waterways were classified into the 10 different waterway categories and can be found in Appendix M.

<sup>1</sup> *Economic significance/impacts are measures of economic activity within a specified geographic region. For this type of study, economic activity would include trip and boating-related spending of boaters. More specifically, this type of analysis provides an accounting of the economic expenditures by boaters, permitting one to track the flow of money within a region's economy and the ripple effect of expenditures on jobs, taxes, and other businesses throughout the regional economy. A significance analysis includes the effects of spending by all visitors to the boating location, both those who reside within and outside the local area. An impact analysis only includes spending by visitors who reside outside of the local region; their spending constitutes "new dollars" to the region.*



**Table 3. Salt Water Classification Descriptions**

<b>Salt Water</b>		
<b>Small Bay/Harbor</b>	<b>Large Bay/Harbor</b>	<b>Ocean</b>
<p>Characterized by use of the following boat types: non-motorized (kayaks, SUPs, small sailboats) and small motorized watercraft (row boats)</p> <p>Ex: Tomales Bay, Humboldt Bay</p> <p>(includes sloughs, lagoons)</p>	<p>Characterized by use of the following boat types: boat types listed in small bay/harbor, large sailboats, dragon boats, cabin cruisers, powerboats, and PWCs</p> <p>Ex: San Francisco Bay, Mission Bay</p> <p>(includes sloughs, lagoons)</p>	<p>Characterized by use of the following boat types: boat types listed in small bay/harbor and large bay/harbor, and yachts, outriggers, and charter boats (offshore fishing &amp; whale watching boats)</p>

**Table 4. Lakes/Reservoirs Classification Descriptions**

<b>Lakes/Reservoirs</b>		
<b>Restricted Lake</b>	<b>Motorized Lake</b>	<b>Overnight Lake</b>
<p>Characterized by use of the following boat types: non-motorized (kayaks, SUPs, small sailboats) and small motorized watercraft (row boats)</p> <p>Ex: Sardine Lake, Zaca Lake</p> <p>(includes lagoons)</p>	<p>Characterized by use of the following boat types: boats listed in restricted lake, large sailboats, cabin cruisers, powerboats, and PWCs</p> <p>Ex: Lake Tahoe, Lake Pyramid</p> <p>(includes lagoons)</p>	<p>Characterized by use of the following boat types: boats listed in restricted lake and motorized lake, and overnight boats (houseboats)</p> <p>Ex: Shasta Lake, Lake Havasu</p>

**Table 5. River Classification Descriptions**

<b>Rivers</b>			
<b>Whitewater River</b>	<b>Restricted River</b>	<b>Motorized River</b>	<b>Overnight River</b>
<p>Characterized by use of the following boat types: white water boats (kayaks, inflatable boats, canoes, SUPs)</p> <p>Ex: American River-North Fork, Feather River-North Fork</p>	<p>Characterized by use of the following boat types: non-motorized (kayaks, SUPs, small sailboats) and small motorized watercraft (row boats)</p> <p>Ex: Russian River</p> <p>(includes sloughs, lagoons)</p>	<p>Characterized by use of the following boat types: boats listed in restricted river and motorized watercraft (powerboats)</p> <p>Ex: Sacramento River</p> <p>(includes sloughs, lagoons)</p>	<p>Characterized by use of the following boat types: boats listed in restricted river and motorized river, and overnight boats (houseboats)</p> <p>Ex: Sacramento-San Joaquin River Delta</p>

## UDV Calculations

The two main techniques used by economists to estimate demand for recreation include travel cost method (TC) which is a *revealed preference approach* and CVM which is a *stated preference approach*

(Loomis and Walsh, 1997). The economic theory behind TC and CVM involves being able to model the functional relationship between the value of the boating experience and the typical number of days boating at a particular waterway which is represented as a demand curve (Figure 1).

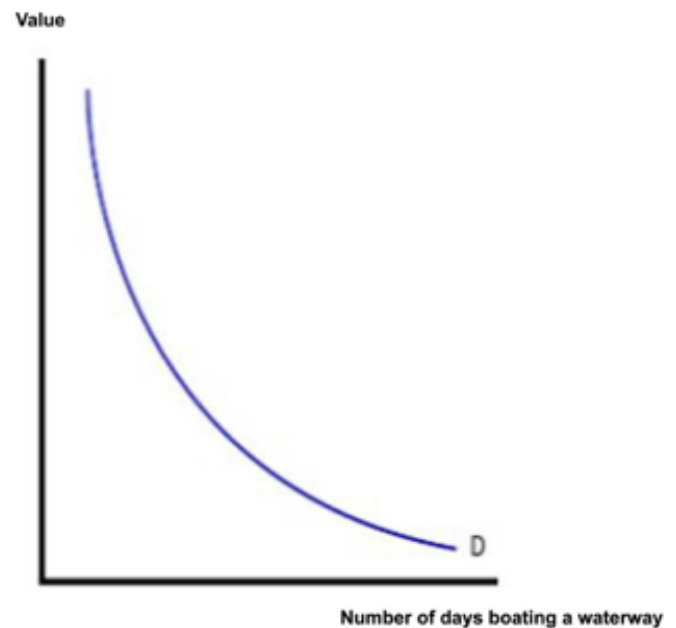
Knowing that “value” is difficult to calculate, it was decided that the best proxy for value in this analysis is to use a function of the aggregated revealed costs and stated preference costs derived from multiple questions asked in both the motorized and non-motorized surveys.

More specifically, the following variables are used: actual expenditures per person/per day for boating on a waterway, cost of travel based on the miles traveled or willing to travel, how much one is willing to pay if there was a daily fee per person, and number of days per year visiting the waterway. The data used in the calculations were reported by motorized and non-motorized survey respondents. Variable names referenced in the upcoming equations are depicted in brackets and bold font next to each of the survey questions that were used in the analysis.

- ‘How many miles is [WATERWAY NAME] from your home?’ **[Actual\_\_Miles]**
- ‘Assume that access to [WATERWAY NAME] was closed, how far (in miles) would you be willing to drive to access a similar waterway?’ **[Willing\_Miles]**
- ‘How much does your entire group spend on a typical day trip [or multi-day trip] to [WATERWAY NAME] with your primary boat (in dollars)?’ **[Expenses]**
- ‘How many people (including yourself) are on a typical day trip to [WATERWAY NAME] with your primary boat? If you are typically solo, please enter “1”’ **[People]**
- ‘Assume that all access to [WATERWAY NAME] was subject to a daily boating user fee. To use this waterway, how much would you be willing to pay per person, per day (in dollars)?’ **[Fee]**
- ‘In a typical year, how many days do you boat on [WATERWAY NAME]?’ **[Typical\_Days]**

The following equation shows the formula used to construct a variable to represent economic value (EV) which will be used to estimate UDV, where UDV estimates the recreational value of a *typical* boater on a particular waterway.

Figure 1. Demand curve



$$EV = ((Miles * 2 * Cost\_per\_mile) + Expenses) / (People * Typical\_Days) + Fee$$

Where Miles =  $\max(Actual\_Miles, Willing\_Miles)$  and  $Cost\_per\_mile = \$0.54^2$

Given that the variables have been declared, the next step in specifying the demand function was to determine the functional relationship. Researchers used the following log linear equation (see below) to model the relationship between EV and the number of days boating for each of the region-waterway type combinations, when applicable.<sup>3</sup>

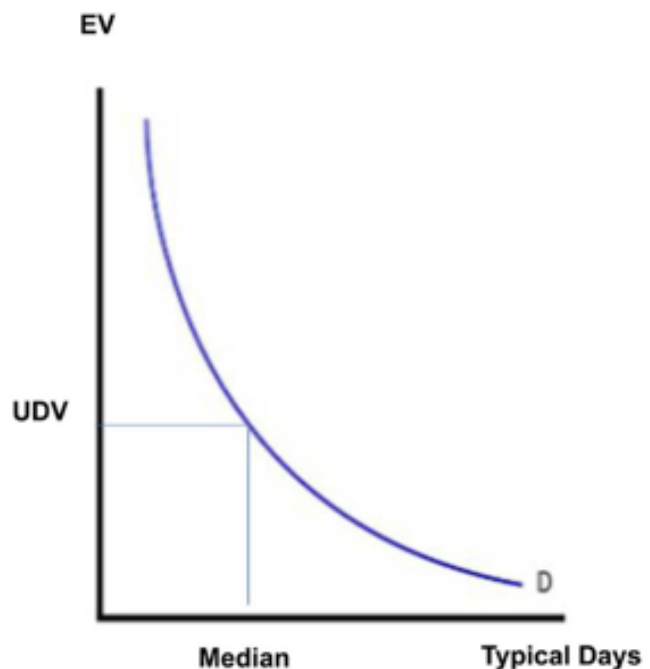
$$\ln(EV) = \beta_0 + \beta_1 \text{ Typical\_Days} + \epsilon_t$$

The natural logarithm transformation of EV was used to deal with heteroscedasticity. This method is quite common as evidenced by Rosenberger (2018) who reported findings in a comprehensive review of economic valuation studies that estimated the use value of recreation activities in the U.S. and Canada from 1958 to 2015 (which totaled 3,192 estimates in per person per activity day units). The log linear model (which is the one used here) was the functional form that was used most frequently across all of the studies reported in Rosenberger's review.

**Figure 2. Demand Curve for EV and Typical\_Days**

For this facility boating needs assessment, each of the functional models were estimated using JMP Pro 13 software.<sup>4</sup> It is worth noting that the 'Typical\_Days' variable had a skewed distribution and some extreme values. Therefore, UDV was estimated by calculating the conditional expected value of Economic Value (EV) using the estimated demand curve and focusing on the median (not the average) of Typical\_Days (see Figure 2). This decision is further supported by the fact that UDV estimates recreational benefit of a **typical** visiting boater on a particular waterway and a median represents the most typical or most frequent response (not average).

The UDV for the different region-waterway type combinations using these methods can be found in *Volume III: Statewide*.



<sup>2</sup> This is the rate the Internal Revenue Service issued in 2016 for the fixed and variable costs of operating an automobile which includes depreciation, insurance, repairs, tires, maintenance, gas and oil. See <https://www.irs.gov/newsroom/2017-standard-mileage-rates-for-business-medical-and-moving-announced>

<sup>3</sup> There are 7 region and 10 water way types. Hence there are 70 (7x10) different region and waterway type combinations. Some of the waterway types in given regions do not exist (e.g., "ocean" in the Sierra region) and consequently were not considered.

<sup>4</sup> JMP Pro, Version 13.1. SAS Institute Inc., Cary, NC 27513

# Boating Trends

As previously noted in *Volume I: Introduction*, additional objectives of the *Boating Facilities Needs Assessment* include (a) generation of motorized boat ownership forecasts and (b) characterization of boating trends for both motorized and non-motorized boating. The methods used to forecast motorized boat ownership and characterize boating trends are presented in this section.

In *Volume III: Statewide* (recommendations section), it is suggested that the DBW set up and maintain a database of registered recreational motorized boats with even-year data (current and past years) from both the DMV and USCG. This will be beneficial for future forecasting efforts.

## Forecasting Recreational Motorized Boat Ownership

The overwhelming majority of recreational motorized boats in the state (approximately 96.5%) are registered with California's DMV. The remaining 3.5% of boats are registered with the USCG. To generate forecasts, the researchers contacted both the DMV and USCG to obtain current and historical data for registered motorized boats in the State of California. Study researchers were successful in obtaining data from the DMV between the years 2012-2016 and from the USCG for 2018.<sup>5</sup> These data were used to generate forecasts for registered recreational motorized boats for the years 2018 and 2020.

Boat registrations with the DMV expire on December 31st of even-number years. Due to this two-year registration cycle,<sup>6</sup> DMV data from even years (2012, 2014, and 2016) were used to generate forecasts for 2018 and 2020. Since researchers were unable to find any economic or demographic variables that were significant in explaining variation in boat registrations, an extrapolating model was used to forecast future values. The model used was a linear regression model with time as the independent variable.

In *Volume III: Statewide*, the total number of motorized registered boats are forecasted for California and the seven regions. These forecasts were generated using DMV data from 2012, 2014, and 2016; the 2018 USCG data are added into the forecasts to calculate the total number of registered recreational motorized vessels in California. In *Volumes IV – X: Regions*, regional forecasts are generated using DMV data only. These forecasts include total number of boats, boats by propulsion type, and by length. A comparison of the forecasts from the previous Boating Facility Needs Assessment (2002) are discussed in *Volume III: Statewide*.

## Characterizing Boating Trends

To characterize boating trends, researchers relied on multiple data sources and methods. For motorized boating trends, the following were considered: forecasts described above using the DMV and USCG data, National Marine Manufacturers Association publications, previous Boating Facility Needs Assessment (2002), open-ended responses from the surveys related to changes in boating trends, and interviews with industry experts. For non-motorized boating trends, previous publications from the DBW such as the Boating Facility Needs Assessment (2002) and the Non-motorized Boating in California Report (2009) were considered, in addition to relevant industry publications such as Outdoor Industry Association annual reports (see references). Open-ended responses from the surveys related to changes in boating trends and interviews with industry experts also informed this analyses. Boating trends are discussed in *Volume III: Statewide*.

<sup>5</sup> Study researchers made a Freedom of Information Act request to USCG; however, USCG never provided the requested data. As a result, researchers were unable to obtain USCG vessel registration for the years prior to 2018. However, current data from the USCG's website was able to be downloaded in April 2018 for this analysis.

<sup>6</sup> <https://www.dmv.org/ca-california/boat-registration.php>. Including data from odd years would produce unreliable estimates.

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# Volume II Methods Appendices

## Appendix A. Online Mortorized Survey



Thank you for participating in the 2016 Recreational Boating Study conducted by Sacramento State and California State Parks DBW as part of the statewide Boating Needs Assessment.

We are surveying a sample of registered boat owners in California to help guide management decisions that will directly affect recreational boating facilities in California. Because the last survey was conducted over 10 years ago, your responses are very important in updating state boating and waterway managers about the recreational needs of boaters in California.

Your participation in this voluntary study is highly valued, and any information you provide is completely confidential. The survey can be completed in about 10 minutes.

To show our appreciation for your time completing the questionnaire, we will send a complimentary Franko waterproof "Mini Map and Fish Guide/Card" of your choice to the address you provide. The given address will not be linked to any data provided but will simply be used to send you the noted gift. If you have any questions about this study, you are welcome to contact our research team at [rolloff@csus.edu](mailto:rolloff@csus.edu).

Dr. David B. Rolloff, Professor  
Dept. of Recreation, Parks & Tourism Administration  
California State University, Sacramento  
[www.csus.edu/hhs/rpta](http://www.csus.edu/hhs/rpta)

### Motorized Boat Ownership Questions

What is your home zip code?

In which county do you reside?

How many motorized boats do you have that are registered with California DMV?

- 1
- 2
- 3
- 4
- 5+
- I no longer own a motorized boat

How many non-motorized boats (kayaks, canoes, paddleboards, windsurfers, kitesurfers, etc.) do you have?

- 0
- 1
- 2
- 3
- 4
- 5+

Are you interested in non-motorized boating activities?

- yes
- no

Of the boats that are registered with the DMV, which boat is your primary boat (used most frequently)?



- cabin cruiser
- sailboat (over 8 feet) with auxiliary
- powerboat
- houseboat
- barge
- bass boat / jon boat
- pontoon boat
- PWC
- inflatable with motor
- rowboat with motor
- other \_\_\_\_\_

Of the other boats you own, which one is your secondary boat (used second most frequently)?

- cabin cruiser
- sailboat (over 8 feet) with auxiliary
- powerboat
- houseboat
- barge
- bass boat / jon boat
- pontoon boat
- PWC
- inflatable with motor

- rowboat with motor
- sailboat (under 8 feet)
- rowboat (without motor)
- kayak
- canoe
- paddleboard
- windsurfer
- kitesurfer
- other \_\_\_\_\_

Please provide the following information about your primary boat.

Use numbers only: 1 - 999

	Length (feet)	Width (feet)	Feet deep below water line	Number of years owned
Primary boat				

Does this primary boat serve as your primary residence?

- yes
- no

How many other persons (not including yourself) regularly operate this boat?

- 1
- 2
- 3
- 4
- 5+
- I am sole operator

What is the make, model, and year of this boat?

- Make \_\_\_\_\_
- Model \_\_\_\_\_
- Year (4 digits) \_\_\_\_\_

### Particular Waterway Questions

Which two waterways have you visited most frequently with your primary boat *within the past 2 years*?

How many miles is [WATERWAY NAME] from your home?

On average, how many hours does it take to get to [WATERWAY NAME] from your home?

How many days did (or will) you use your primary boat on [WATERWAY NAME] in 2016?

How many days did you use your primary boat on [WATERWAY NAME] in 2015?

How do you usually launch this boat on [WATERWAY NAME]?

- pay to use a launch ramp
- pay a launching service
- from my marina slip or mooring
- carry it down to the water
- use a launch ramp for free
- Other \_\_\_\_\_

Where do you typically launch your primary boat on [WATERWAY NAME]? Please include full name of launch site in the box below.

Do you launch your primary boat on [WATERWAY NAME] from other places?

- yes
- no

If yes, what is the name of the launch site(s)? (Write in space below).

Which months do you typically use your primary boat on [WATERWAY NAME]?

*The following two hypothetical questions are designed to help estimate the benefits of future boating projects on this waterway.*

Assume that all access to [WATERWAY NAME] was subject to a daily boating user fee. To use this waterway, how much would you be willing to pay per person, per day (in dollars)?

Assume that access to [WATERWAY NAME] was closed, how far (in miles) would you be willing to drive to access a similar waterway?

Which most accurately describes a typical boating trip to [WATERWAY NAME] with your primary boat?

- Day trip
- Multi-day trip

How many people (including yourself) are on a typical day trip to [WATERWAY NAME] with your primary boat? If you are typically solo, please enter "1"

How many people (including yourself) are on a typical multi-day trip to [WATERWAY NAME] with your primary boat? If you are typically solo, please enter "1"

How many days is a typical multi-day trip to [WATERWAY NAME] with your primary boat?

How much does your entire group spend on a typical day trip to [WATERWAY NAME] with your primary boat (in dollars)?

- Launching fees and services:
- Boat fuel:
- Transient slip or tie up fees:
- Parking fees:
- Grocery & convenience stores:
- Restaurants:
- Gear and equipment rental fee:
- Boat / motor rental fee:
- Sundries, gifts, fishing equipment:
- Incidentals:
- Other:
- Other:

How much does your entire group spend per day on a multi-day trip to [WATERWAY NAME] with your primary boat (in dollars)?

- Launching fees and services:
- Boat fuel:
- Transient slip or tie up fees:
- Parking fees:
- Grocery & convenience stores:
- Restaurants:

Hotels and motels:

Campgrounds:

Gear and equipment rental fee:

Boat / motor rental fee:

Sundries, gifts, fishing equipment:

Incidentals:

Other:

How would you describe the usage of [WATERWAY NAME] by **motorized** boaters?

- Extremely heavy use / over-crowding
- Heavy use / frequent crowding
- Moderate use / occasional crowding
- Low use / rarely crowded
- Not applicable

How would you describe the usage of [WATERWAY NAME] by **non-motorized** boaters?

- Extremely heavy use / over-crowding
- Heavy use / frequent crowding
- Moderate use / occasional crowding
- Low use / rarely crowded
- Not applicable

Please check all of the facilities and services that either need to be improved upon and/or added to [WATERWAY NAME] for **motorized** boats. (check all that apply)

- Boating access
- Boarding floats
- Boat camping
- Day docks (short-term dockage)
- Dry storage

- Fish cleaning stations
- Floating docks / piers
- Fuel docks
- Landings / boat-in sites
- Launch ramps
- Marinas (slips)
- Marine service & repairs
- Mooring fields
- Navigation aids (buoys, markers)
- Parking for vehicles / trailers
- Pump-out stations
- Restrooms
- Showers
- Supply stores
- Transient facilities / tie-ups
- Utilities (e.g,electric service, potable water, cable, internet)
- Emergency services
- Other \_\_\_\_\_
- Other \_\_\_\_\_

Do you engage in **non-motorized** boating activities on **[WATERWAY NAME]**?

- yes
- no

If yes, please check all of the facilities and services that either need to be improved upon and/or added to **[WATERWAY NAME]** for **non-motorized** boats. (Check all that apply)

- Boating access
- Boat-in campsites

- Hand boat launch
- Boat-in day-use areas
- Parking
- Navigation aids (buoys, trail markers)
- Access to fresh water
- Other \_\_\_\_\_
- Other \_\_\_\_\_

What are the top reasons that you visit **[WATERWAY NAME]**? (Check up to three)

- Clean water
- Close to home
- Good camping
- Good facilities
- Good fishing
- Large water area
- Close to vacation home or camp
- Not crowded
- No fees
- No restrictions
- Scenery, natural beauty
- Warm water
- Other \_\_\_\_\_
- Other \_\_\_\_\_
- Other \_\_\_\_\_

What are the biggest problems you have experienced at **[WATERWAY NAME]**? (Check up to three)

- High facility use fee
- Insufficient water depth



- Invasive species
- 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
- I have not experienced problems at this waterway
- Other \_\_\_\_\_
- Other \_\_\_\_\_

## Demographic Questions

What is your gender?

- male
- female
- Other/ Do not care to disclose

What is your age?

How many adults are in your household (including yourself)?

- 1
- 2
- 3
- 4
- 5
- 6+

How many children (under 18) are in your household?

- 0
- 1
- 2
- 3
- 4
- 5
- 6+

What is your total household income (before taxes)?

- under \$25,000
- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$124,999
- \$125,000 - \$149,999
- \$150,000 - \$174,999
- \$175,000 - \$199,999
- \$200,000 or more

How many people contribute to this household income?

- 1
- 2
- 3
- 4+

What is the highest level of education that you have completed?

- Did not complete high school
- High School
- 2-Year College Degree
- 4-Year College Degree

Graduate School

Other

What is your primary language?

Arabic

English

Spanish

French

German

Mandarin

Cantonese

Russian

Punjabi

Vietnamese

Filipino

Hmong

Korean

Other \_\_\_\_\_

Choose one or more races that you consider yourself to be:

- White
- Black or African American
- Hispanic or Latino
- American Indian or Alaska Native
- Asian
- Native Hawaiian or Pacific Islander
- Other \_\_\_\_\_

## Appendix B. Postcard Invitation (Front and Back)



**Help us meet  
your recreational  
boating needs!**

Guide  
management of  
recreational boating  
in California and receive  
a Franko Mini-map &  
Fish Guide!

### You've been selected

to participate in a limited survey of registered recreational motorized boat owners in California. Once you complete the survey, a complimentary Franko Mini-map & Fish Guide will be mailed to you.

The online survey is located at:  
**CalBoatSurvey.com**  
*(Please follow the online instructions)*



For more information about California State Parks' recreational boating programs, please visit:  
**dbw.parks.ca.gov**

*For technical assistance,  
please call 916-278-5846*

California State Parks  
Division of Boating  
and Waterways  
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## Appendix C. Non-Motorized Boater Survey



Thank you for participating in the 2017 Non-Motorized Recreational Boating Study conducted by Sacramento State and California State Parks DBW as part of the statewide Boating Facility Needs Assessment.

**The purpose of this survey is: (a) to determine what your facility needs are on the two waterways you most frequent and (b) to understand how much you value this waterway for recreation. Providing honest feedback will allow for an accurate assessment of the recreational value of different waterways.**

Since we are trying to capture all types of boating, we understand that some of these questions might not be applicable to the type of boating that you do. Please answer the questions the best you can or skip the question.

We are surveying a sample of non-motorized boaters in California to help guide management decisions that will directly affect recreational boating facilities in California. Because the last survey was conducted over 10 years ago, your responses are very important in updating state boating and waterway managers about the recreational needs of boaters in California.

Your participation in this voluntary study is highly valued, and any information you provide is completely confidential. The survey will take approximately 10-20 minutes (depending on your answers).

To show our appreciation for your time completing the questionnaire, we will send you a complimentary Franko waterproof "Mini Map and Fish Guide/Card" of your choice to the address you provide. The given address will not be linked to any data provided but will simply be used to send you the noted gift. If you have any questions about this study, you are welcome to contact our research team at [rolloff@csus.edu](mailto:rolloff@csus.edu).

Dr. David B. Rolloff, Professor  
Dept. of Recreation, Parks & Tourism Administration  
California State University, Sacramento

### Non-motorized Boat Ownership/Rental Questions

What is your home zip code?

In which county do you reside?

Do you rent or do you own non-motorized boats?

- rent
- own
- both rent and own

If own, what types of non-motorized boats do you own and how many? (see list below)

*If you own more than 1 boat of a certain boat type, please enter the # you own next to it.*

If rent, what types of non-motorized boats do you typically rent? (see list below)

- canoe
- ocean kayak (sit on top)
- ocean kayak (touring)
- river kayak
- inflatable kayak
- windsurfer
- kitesurfer
- stand-up paddle board
- white water raft
- scull or shell boat
- outrigger canoe



- rowboat
- dragon boat
- sailboat (under 8 ft)
- prone paddleboard
- dory
- other \_\_\_\_\_

### Particular Waterway Questions

*We understand that you probably visit many waterways. You will get an opportunity to list all waterways and the number of days you visit them. But for the next set of questions, we want you to select the **two waterways that you visit most frequently in California.***

*Since we are trying to capture all types of boating, we understand that some of these questions might not be applicable to the type of boating that you do. Please answer the questions the best you can or skip the question.*

*REMINDER: The purpose of this survey is: (a) to determine what your facility needs are on the waterway you most frequent and (b) to understand how much you value this waterway for recreation.*

Which two waterways have you visited most frequently *within the past 2 years*?

Of the boats you own or rent, which do you use most frequently on this waterway? (list up to 3, if applicable)

How many miles is [WATERWAY NAME] from your home?

On average, how many hours does it take to get to [WATERWAY NAME] from your home?

In a typical year, how many days do you engage in non-motorized activities on **[WATERWAY NAME]**?

How do you usually access **[WATERWAY NAME]**?

- use a launch ramp for free
- pay to use a launch ramp
- carry it down to the water
- boat is stored on or near the water
- Other \_\_\_\_\_

Where do you typically launch or 'put in?' (Write in space below).

Do you typically 'take out' at a different spot than where you 'put in'?

- yes
- no

Where do you 'take out'? (Write in space below).

Which months do you typically engage in non-motorized boating on **[WATERWAY NAME]**?

*The following two hypothetical questions are designed to help estimate the recreational value of this particular waterway and will guide decisions around boating facility additions and improvements.*

*Your responses will inform management of how much you value the waterway. **YOUR RESPONSE WILL NOT HAVE ANY IMPACT ON ACCESS FEES.** We understand that you already pay fees in many instances---we simply want to capture how you, as the user, value the waterway for recreation.*

Assume that all access to **[WATERWAY NAME]** was subject to a daily boating user fee. To use this waterway, how much would you be willing to pay per person, per day (in dollars)?

Assume that access to **[WATERWAY NAME]** was closed, how far (in miles) would you be willing to drive to access a similar waterway?

Which most accurately describes a typical boating trip to [WATERWAY NAME]?

Day trip

Multi-day trip

How many people (including yourself) are on a typical day trip to [WATERWAY NAME]? If you are typically solo, please enter "1"

How many people (including yourself) are on a typical multi-day trip to [WATERWAY NAME]? If you are typically solo, please enter "1"

How many days is a typical multi-day trip to [WATERWAY NAME]?

How much does your entire group spend on a typical day trip to [WATERWAY NAME] (in dollars)?

Parking fees:

Launching fees:

Grocery & convenience stores:

Restaurants:

Gear and equipment rental fee:

Boat rental fee:

Sundries, gifts, fishing equipment:

Incidentals:

Gas:

Shuttle fees:

Other:

Other:

How much does your entire group spend **per day** on a multi-day trip to [WATERWAY NAME] (in dollars)?

Parking fees:

Launching fees:

Grocery & convenience stores:

Restaurants:

Hotels and motels:

Campground or campsite fee:

Gear and equipment rental fee:

Boat rental fee:

Sundries, gifts, fishing equipment:

Incidentals:

Gas:

Shuttle fees:

Other:

Other:

How would you describe the usage of [WATERWAY NAME] by non-motorized boaters?

- Extremely heavy use / over-crowding
- Heavy use / frequent crowding
- Moderate use / occasional crowding
- Low use / rarely crowded
- Not applicable

How would you describe the usage of [WATERWAY NAME] by motorized boaters?

- Extremely heavy use / over-crowding
- Heavy use / frequent crowding
- Moderate use / occasional crowding
- Low use / rarely crowded
- Not applicable

Please check all of the facilities and services that either need to be improved upon and/or added to for non-motorized recreation on this waterway. (Check all that apply)

- Boating access

- Landings
- Boat-in campsites
- Boat-in day-use areas
- Parking
- Launch spots (by hand)
- Launch spots (by other means such as trailer)
- Navigation aids (buoys, trail markers)
- Access to fresh water
- Take-out spots
- Restrooms
- Showers
- Supply stores
- Emergency services
- Security
- Other \_\_\_\_\_
- Other \_\_\_\_\_

What are the top reasons that you visit **[WATERWAY NAME]**? (Check up to three)

- Clean water
- Close to home
- Good camping
- Good facilities
- Good fishing

- Large water area
- Close to vacation home or camp
- Not crowded
- No fees
- No restrictions
- Scenery, natural beauty
- Warm water
- Other \_\_\_\_\_
- Other \_\_\_\_\_
- Other \_\_\_\_\_

What are the biggest problems you have experienced at **[WATERWAY NAME]**? (Check up to three)

- Difficult to access waterway
- Lack of parking
- Overcrowding
- Reservations required
- Poor ramp condition
- Poor water quality
- Poor road access
- Floating debris
- Invasive species
- Issues with motorized boaters
- Reckless PWC (jetski) operators

- Issues with non-motorized boaters
- Issues with shipping vessels
- Excessive/rude law enforcement
- Lack of law enforcement
- I have not experienced problems at this waterway
- Other \_\_\_\_\_
- Other \_\_\_\_\_

**Demographic Questions**

What is your gender?

- male
- female
- Other/ Do not care to disclose

What is your age?

How many adults are in your household (including yourself)?

- 1
- 2
- 3
- 4
- 5
- 6+

How many children (under 18) are in your household?

0

1

2

3

4

5

6+

What is your total household income (before taxes)?

under \$25,000

\$25,000 - \$49,999

\$50,000 - \$74,999

\$75,000 - \$99,999

\$100,000 - \$124,999

\$125,000 - \$149,999

\$150,000 - \$174,999

\$175,000 - \$199,999

\$200,000 or more

How many people contribute to this household income?

1

2



3

4+

What is the highest level of education that you have completed?

Did not complete high school

High School

2-Year College Degree

4-Year College Degree

Graduate School

Other

What is your primary language?

Arabic

English

Spanish

French

German

Mandarin

Cantonese

Russian

Punjabi

Vietnamese

- Filipino
- Hmong
- Korean
- Other \_\_\_\_\_

Choose one or more races that you consider yourself to be:

- White
- Black or African American
- Hispanic or Latino
- American Indian or Alaska Native
- Asian
- Native Hawaiian or Pacific Islander
- Other \_\_\_\_\_

## Appendix D. Non-Motorized Boating Clubs & Associations: Email and List

RE: Help Give Non-Motorized California Boaters a Voice



California Division of Boating and Waterways (DBW) is working with Sacramento State to conduct a statewide Boating Facility Needs Assessment, and we need your help to ensure that non-motorized boater needs are reflected in this study.

Is there someone in your organization who could assist us by sending out an online survey link to your members on our behalf, or by posting a link to the survey on your website? Survey participants will receive their choice of a Franko fish card/mini-map.

The information collected from this study will help guide management decisions that will directly affect your members' recreational boating needs. If you would be willing to help, please send the contact name and email at [boating@csus.edu](mailto:boating@csus.edu).

Thank you in advance for your assistance. If you have any questions, please email us at [boating@csus.edu](mailto:boating@csus.edu).

Amy Mickel PhD & David Rolloff, PhD  
California State University, Sacramento



## Appendix D. List of Non-Motorized Clubs and Associations

Club and Association Name	
805 Rowing Club	Hanohano Crystal Pier Outrigger Canoe Race
AeroDragons Dragon Boat Club	Headwater Paddlers
Akauhana Outrigger Canoe Club	Heal the Bay Foundation
All Kayak Fishing	He'E Nalu O'Marin Outrigger Canoe Club
America Outdoors	Hui O' Hawaii of Sacramento, Inc. Outrigger Canoe Club
American Canoe Association	Human Powered Vehicle Association
American Whitewater	Humboldt Bay Rowing Association
Artemis Rowing	Inner City Outings
Bair Island Aquatic Center (BIAC)	International Rivers Network
Bass-n-Tubes	Kamau'i 'O Ke Kai Outrigger Canoe Club
Bay Area Sea Kayakers	Kawai'ulu O Tahoe
Benicia Outriggers	Kawaiulu Outrigger Canoe Club
Berkeley Paddling & Rowing Club	Kayak Fishing Association of California
Butte Sailing Club	Kayak Morro Bay
California Adventures	Kayaks 4 Kidz
California Dragon Boat Association	Ke Kai O'Uhane Outrigger Canoe Club
California Floaters Society	Kern River Alliance
California Hydropower Reform Coalition	Kern Valley River Council
California Kayak Friends	Kevsmom CA Rafting and Kayaking
California Woman's Watersport collective	Kilohana Outrigger Canoe Club
California Yacht Club	La Jolla Kayak Fishing
Caltech Paddling Club	Laguna De Santa Rosa Foundation
Capital Outrigger	Lake Casitas Rowing Association
Central California Canoe Club	Lanakila Rowing Club
Chapman University	Landpaths
Chico Paddleheads	Loma Prieta Paddlers
City Kayak	Long Beach Dragonboat Festival
Class II Kayakers	Los Angeles Kayak Club
Community Rowing of San Diego	Los Gatos Rowing Club
Cow Patty Pageant	Mac Rowing
Cuesta College Rowing	Makana Hoe Outrigger Canoe Club
Dana Outrigger Canoe Club	Marin Canoe & Kayay Club
Delta Sculling	Marin Rowing Association
DESRGC Sporting Club	Marina Aquatic Center Junior Rowing
Dolphin Club	Mendocino Outrigger Canoe Club
Dragon Warriors	Mendocino Paddlers
East Bay Rowing Club	Mission Bay Rowing Association
Explore North Coast	Monterey Bay Outrigger Canoe Club
Feather River Rowing Club	National Organization of Rivers
Foothill Conservancy	Never Enough Water (N.E.W.) Kayak Club
Friends of the Napa River	Newport Aquatic Center
Friends of the Trinity River	Newport Aquatic Center Dragon Boat Paddle Team
Full Sail Windsports Club	Newport Sea Base Rowing
Gold Country Paddlers	Norcal Crew

NorCal Slalom Racers Whitewater Slalom/Wildwater	San Luis Obispo Rowing Club
North Bay Rowing club	Santa Clara University Rowing
North Bay Rowing Club	Santa Cruz rowing club
Northern California Outrigger Canoe Association	Saugatuck Rowing Club
Oakland Estuary Whaleboat Rowing Society	Sequoia Paddling Club
Oakland Strokes, Inc.	SF rowing
Ohana Wa'a Outrigger Canoe Club	Shared Adventures
Outrigger Club	Shasta Paddlers
Outrigger Santa Cruz	Sierra Club Inspiring Connections Outdoors, Sacramento
Pacific Rivers Council	Sierra Club of the San Fernando Valley, CA
Pacific Rowing Club	Sierra Club SF Bay Chapter Water Committee
Paddle Wise	Sierra Nevada Whitewater Club
Palo Alto Rowing Club	Sierra Sea Kayakers
Petaluma Paddlers	Smith River Alliance
Petaluma Small Craft Center	South End Rowing Club
Post Canoe Club	South Yuba River Citizen's League
Prairie Rowing	Southern California Small Boat Messabout Society (SCUZZBUMS)
Pu Pu `O Hawai'i Outrigger Club	Southern California Surf Kayakers
Qajaq USA	St. Ignatius College Prep
Redwood Scullers/Stanford Rowing Center	Stanford Kayak Club
Richmond Plungers	Stanford Canoe and Kayak Team
Rio Vista Windsurf	Stanford Rowing Center
River City Paddlers	Stockton Rowing, Inc.
River City Rowing Club	Surfrider Foundation
River City Whitewater Club	Table Mountain Rowing
River City Whitewater Club (RCWC)	Tahoe Light
River Management Society	Tamalpais Outrigger Canoe Club
River Touring Section, Angeles Chapter Sierra club	The Berkeley Racing Canoe Center
River Tree Volunteers	The El Toro International
Rivers For Change	Trade Association of Paddlesports
Rogue Paddling Club	Traditional Small Craft Association
Rough Riders	Tuolumne River Preservation Trust
Row West Racing Camp	U.S. Academy of Canoeing and Kayaking
Rowing FP	U.S. Canoe/Kayak
RowLA	U.S. Rowing
S.A.C./ Sacramento State Aquatic Center/Capital	U.S. Windsurfing
Sacramento River Preservation Trust.	Upper Natoma Rowing Club
San Diego Canoe Kayak Team	US Whitewater Racing Association
San Diego Dragon club	Valley Wide Kayak Club
San Diego Kayak Club	Ventura Outrigger Canoe Club
San Diego Kayaking Meetup Group	Western Sea Kayakers
San Diego Paddling club	Western Waters Canoe Club
San Francisco Bay Chapter of the Sierra Club River Touring Section (RTS)	Whaleboat rowing club
San Francisco Boardsailing	Whitehall Rowing Club
San Francisco Outrigger Canoe Club	Zlac Rowing Club
	<i>N = 178</i>

## Appendix E. Business Organizations: Email and List

RE: Help Give Non-Motorized California Boaters a Voice



California Division of Boating and Waterways (DBW) is working with Sacramento State to conduct a statewide Boating Facility Needs Assessment, and we need your help to ensure that non-motorized boater needs are reflected in this study.

Is there someone in your business who could assist us by sending out an online survey link to non-motorized boating clients on our behalf, or by posting a link to the survey on your website? Survey participants will receive their choice of a Franko fish card/mini-map.

The information collected from this study will help guide management decisions that will directly affect your clients' recreational boating needs. If you would be willing to help, please send the contact name and email to [boating@csus.edu](mailto:boating@csus.edu).

We are also trying to characterize non-motorized boating trends in California. Is there someone we can contact about your non-motorized boat sales and/or rentals over the past several years?

Thank you in advance for your assistance. If you have any questions, please email us at [boating@csus.edu](mailto:boating@csus.edu).

Amy Mickel PhD & David Rolloff, PhD  
California State University, Sacramento



## Appendix E. List of Businesses

Organization Name	
101 Surf Sports	Caldera Kayaks
A B Seas Kayaks	California Canoe & Kayak
ABK Boardsports Windsurfing Camps	California Canoe & Kayak Rancho Cordova
Action Watersports	California Canoe & Kayak Redwood City
Action Whitewater Adventures	California Kayak Academy
Adventure Center	California Maritime Academy Sailing Program
Adventure Connection	California River Rafting
Adventure Rents Canoes & Kayaks	California State University, Northridge Aquatic Center
Adventure Sports	California Watersports
Adventure Sports Unlimited, Inc.	California Windsurfing
Adventures By The Sea	California Yacht Club
Alfredo's Beach Club	Canyon Raft Rentals
All-Outdoors California Whitewater Rafting	Captain John's Fawn Harbor & Marina
American River Raft Rentals	Captain John's Marina
American River Recreation	Captain Kirk's Windsurfing
American River Touring Association	Carpinteria City Parks and Ocean Recreation
American Whitewater Expeditions	Catalina Kayak Adventures
Aqua Adventures	Catch a Canoe and Bicycles Too (at Standford Inn by the Sea)
Aquasports	CBOC (Chili Bar Outdoor Center) Whitewater
Atascadero Kayak & Sail	Central Coast Kayaks
Avalon Boat Stand (Jay's Rent-a-boat)	Central Coast Outdoors
Balboa Water Sports	Channel Islands Kayak Center
Bass Lake Water Sports	China Cove Kayak Adventures
Bay Area Kitesurf	Chuck Richards Whitewater, Inc.
Bay Area Outdoor Adventure Club	City Kayak
Berkeley Boardsports	City of Santa Rosa Recreation & Parks Department, Howarth Park
Beyond Limits Adventures	Clavey River Equipment
Big Bear Lake Kayak Rentals Powered By Getboards	Coastal Kayak Fishing
Big Bear Marina	Coronado Yacht Club
Big Water's Edge	Crowley Lake Fish Camp
Bigfoot Rafting Company	Crown Cove Aquatic Center
Bio Bio Expeditions	CSU Chico Rowing Club
Blue Waters Kayaking	CSU Chico, Adventure Outings
Boardsports School Alameda	CSU, Channel Islands
Boat Paddles	CSUMB Boating Education Program
Bodega Bay Kayak/Bodega Bay Surf Shack	Current Adventures Kayak School
Burke's Canoe Trips	Dana Point Jet Ski and Kayak Center
Cabrillo Beach Yacht Club	Danuu Paddle Gear
Cache Canyon Whitewater River Trips	Dark Horse Rowing
Cal Adventures	Davenport SurfSail
Cal Sailing Club	

Del Rey Surf & Sport	Lake Siskiyou Camp Resort
Delta Windsurf Company	Leo Robbins Sailing and Kayaking Center, City of Ventura
DeRiemer Adventure Kayaking	Liquid Fusion Kayak Company
Descanso Beach Ocean Sports, Inc.	Living Waters Recreation
Disabled Sports USA Far West	Long Beach Windsurf Center
Dooley Paddling Works	Malibu Ocean Sports
Duffy Boat Rentals Long Beach	Malibu Surf Shack
Earthtrek Expeditions	Marble Mountain Ranch
Encinal Yacht Club	Mariah Wilderness Expeditions
Environmental Traveling Companions	Mikes Paddle
Eskape! Sea Kayaking	Miramar Adventures
Family Kayak Adventure Center	Mission Bay Aquatic Center
Feather River College, Outdoor Rec.	Momentum River Expeditions
Forebay Aquatic Center	Monterey Bay Kayaks
Go Paddle Sports	Mother Lode River Center
Gold Rush Whitewater Rafting	Mountain & River Adventures
H2O Adventures	Newport Aquatic Center
Half Moon Bay Kayak Co.	Newport Beach SUP Rentals
Healing Waters	Noah's River Adventures
High Country Expeditions	North Coast Adventures
High Sierra Water Ski School	North Rim Adventure Sports
Hike Bike Kayak	O.A.R.S. Inc.
Humboats Kayak Adventures	Oceanside Paddleboard
Humboldt State University, Center Activities	OEX Dive & Kayak Center
Huntington Harbor Boat Rentals	Open Water Rowing Center
James Henry River Journeys	Otter Bar Lodge Kayak School
Kayak Connection	Outback Adventures
Kayak Horizons	Outdoor Adventures, UC Davis
Kayak Tahoe	Outdoor Fitness Adventure Club
Kayak Zak	Outdoors Unlimited, UC San Francisco
Kern River Outfitters	Outrigger Paddle Shop
Kern River Rafting	Pacific Coast Kayak Adventures
Kern River Tours	Pacific Corinthian Youth Foundation
Kings River Expeditions	Pacific River Supply
King's Sport & Tackle	Paddle California
Kiteboardfanatic	Paddle Sports of Santa Barbara
Klamath River Outfitters	Paddle with Danny Hough (Moonlight Kayak, Outrigger & more)
Klamath River Resort Inn	PaddleMe Sportswear
Koolriver Adventure Tours	Paddles & Pedals
La Jolla Kayak	Peak Adventures
La Jolla Kayak Fishing	Pine Knot Marina, LLC
Lake Francis Resort	Pleasure Point Marina, LLC
Lake Merritt Boating Center	



Point Reyes Outdoors	Stockton Sailing Club
Rancheria Enterprises	Subsea Tours & Kayaks
Recreational Equipment Inc.	Sunrise Mountain Sports
Redwoods and Rivers Rafting Company	Sunshine Rafting Adventures
Rescue Source	Tahoe & Donner Party Cruises & Boat Rental Ilc.
Richmond Yacht Club	Tahoe Adventure Company
River Country Rafting	Tahoe City Kayak
River Dancers	Tahoe Paddle & Oar
River Journey	Tahoe Whitewater Tours
River Rat Raft Rentals	The Kayak Club, Stand Up Paddleboard Too
River Runners	The Sports Exchange
River's Edge Kayak & Canoe Trips	Tributary Whitewater Tours
Riversend Rafting & Adventure	Trinity River Rafting
Rock Kayak Co. LLC	UC Irvine, Boating Program
Rock-N-Water	UCSC Community Boating Center
Rocky Point King Harbor	United States Adaptive Recreation Center
Rogue Klamath River Adventures	Vallejo Yacht Club
Rollins Lake Boat Rentals	Ventura Harbor
Rubicon Whitewater Adventures	Venture Quest
Russian River Outfitters	W.E.T. River Trips
San Diego Bike and Kayak Tours Inc.	Watermans Landing
San Diego Sailing Center	West Marin
San Diego Yacht Club	Westwind Adventures
San Francisco State University Sailing Program	Whitewater Adventures
San Francisco Yacht Club	Whitewater Connection
San Jose State Rowing	Whitewater Excitement
Santa Barbara Adventure Company	Whitewater Voyages
Santa Barbara Kayaks	Wilderness Adventures
Santa Cruz Kayak Fishing	Wind Walker Boardsports
Seaforth Boat Rentals	Xstreamline Sports
Sequoia Yacht Club	YMCA, Central Valley Chapter
SF Kayak	Zephyr Whitewater Expeditions
Sierra Mac River Trips	<i>N = 241</i>
Sierra Outdoor Center	
Sierra South Mountain Sports	
Sierra Standup Paddleboard	
Ski Run Boat Company	
Solid Rock and Raft Youth Adventures	
Sonoma Outfitters	
Southwind Kayak Center	
St. Francis Yacht Club	
Stacked Adventures	
Stanford Sailing Summer Camp Program	

## Appendix F. Business Card and Flyer: List of Organizations



**Non-Motorized Boater Survey**

Please type web address below into browser

**NonMotorizedBoaterSurvey.com**

Thank you for your participation!

# **Help Give Non-Motorized Boaters a Voice!**

California State Parks  
Division of Boating and Waterways  
invites you to share your input!

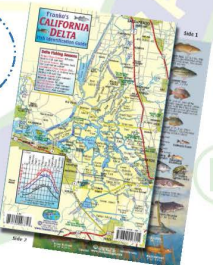
Go to:

**NonMotorizedBoaterSurvey.com**

Or


Scan the Barcode (below)

After completing the online survey, we will mail you a **free** Franko Fish Card/Mini-Map of your choice!



**THANK YOU FOR YOUR PARTICIPATION!**

Survey will take approximately 10-15 minutes to complete.



## Appendix F. Organizations that Received Packet

Organization Name	Type
101 Surf Sports	Business
Adventure Rents	Business
Ahjumawi State Park	State Park
Albion River Campground and Marina	Campground
Aqua Adventures Kayaks & Paddleboards	Business
Balboa Fun Tours	Business
Beldon's Landing	Visitor's Center
Benbow Lake State Recreation Area	State Park
Best Kayak Rentals	Business
Bethany Reservoir SRA	State Park
Bidwell-Sacramento River State Park	State Park
Big Bear Municipal Water District	Utility District
Black Meadow Landing	Business
Brannan Island SRA	State Park
Bureau Of Reclamation	BLR
Cabrillo Beach Boat Launch Ramp	Boat Launch
Cal Sailing Club	Aquatic Center
Caldera Kayak	Business
California State University Northridge CSUN Aquatic Center	Aquatic Center
California Water Sports	Business
Carlsbad State Beach	State Park
Central Coast Kayaks	Business
Channel Islands Kayak Center	Business
City of Alameda	City
City of Berkeley	City
City of Carpinteria	City
City of Carpinteria Parks and Recreation	Aquatic Center
City of Chowchilla	City
City of Foster City	City
City of Lake Elsinore La Laguna Boat Launch	City
City of Long Beach	City
City of Oakland Parks & Recreation Lake Merritt Boating Center	Aquatic Center
City of Richmond	City
City of San Diego Lakes and Recreation	City
City of Santa Rosa Parks and Recreation - Howarth Park Bottini Boathouse	Aquatic Center
City of Ventura Community Services Department - Marina Park & Sailing Center	Aquatic Center
Colusa-Sacramento River SRA	State Park
Convict Lake Boat Launching Facility	Boat Launch

County of Humboldt	County
County of Lake	County
County of Marin	County
County of Sacramento	County
County of Santa Barbara	County
County of Sutter	County
Crescent City Harbor District	Boat Launch
CSU Channel Islands	Aquatic Center
Dana Point Aquatic Foundation/ OC Sailing & Events Center	Aquatic Center
Dana Point Harbor - Embarcadero Marina Launch Ramp	Boat Launch
De Anza Cove Boat Launch Ramp	Boat Launch
El Dorado National Forest	USFS
Environmental Traveling Companions	Aquatic Center
Everyday California	Business
Feather River Rowing/Forebay Aquatic Center	Aquatic Center
Folsom Lake State Recreation Area	State Park
Getboards	Business
Gull Lake Marina	Business
Half Moon Bay Kayak Co.	Business
Headwater Kayaks	Business
Highland Lakes, Stanislaus National Forest	USFS
Humboldt State University Humboldt Bay Aquatic Center	Aquatic Center
Island Paddleboard	Business
Kayaks On the Water	Business
La Jolla Sea Cave Kayaks	Business
La Laguna Resort & Boat Launch	Boat Launch
Lake Almanor Kayak Rentals	Business
Lake Casitas Boat Rental	Business
Lake Mary Marina	Business
Lake Oroville SRA	State Park
Long Beach Parks, Rec, & Marine	Parks & Rec Dist.
Marina del Rey Public Launch Ramp	Boat Launch
Markley Cove Resort	Business
Merced Irrigation Dist.	Utility District
Mission Bay Aquatic Center, San Diego State University and University of CA San Diego	Aquatic Center
Modoc National Forest	USFS
Monterey Bay Kayaks	Business
Moss Landing Harbor District	Boat Launch
Nevada Irrigation District Business Center	Utility District
North Tahoe PUD	Utility District
Orange Coast College	Aquatic Center
PG&E	Utility District

Pure Watersports	Business
Rocky Point Kayak and Paddleboard Rentals	Business
Sacramento State Aquatic Center	Aquatic Center
Shasta-Trinity National Forest	USFS
Sierra South Mountain Sports	Business
Six Rivers National Forest	USFS
Southwestern College Crown Cove Aquatic Center	Aquatic Center
Southwind Kayak Center Rental Base	Business
Sunset Rentals	Business
Tahoe City Kayak	Business
Tahoe City Public Utility District	Utility District
Truckee Donner Parks and Recreation	Parks & Rec Dist.
Turlock Irrigation District	Irrigation Dist
UCSC Community Boating Center	Aquatic Center
United States Adaptive Recreation Center	Aquatic Center
University of California at Berkeley Cal Adventures	Aquatic Center
University of California at Davis Outdoor Adventures	Aquatic Center
University of California at Los Angeles UCLA Marina Aquatic Center	Aquatic Center
University of California at San Francisco Outdoors Unlimited	Aquatic Center
Watertreks Eco-Tours Jenner Kayaks	Business
Wet Spot Rentals	Business
Yuba County Water Agency	Utility District

*N = 102*

## Appendix G. Facilities Survey



DPR and DBW—in partnership with Sacramento State—is conducting a study to determine boating facility needs throughout California. **Your participation will keep your facility on the map of boating in California and has implications for future funding.** The questions will focus on services provided at your facility, launch estimates for 2017 and 2016, and some other basic questions.

The information you provide helps us determine how state and federal funds are spent to support recreational boating. Our mission is to provide safe and convenient public access to California's waterways and leadership in promoting safe, enjoyable and environmentally-sound recreational boating.

The survey should only take approximately 10-15 minutes of your time.

If you have multiple boating facilities, we request you complete the survey multiple times by clicking on the same link. If you have any questions about this study, you are welcome to contact our research team at [rolloff@csus.edu](mailto:rolloff@csus.edu).

Dr. David B. Rolloff, Professor  
Dept. of Recreation, Parks & Tourism Administration  
California State University, Sacramento  
[www.csus.edu/hhs/rpta](http://www.csus.edu/hhs/rpta)

What is the name of this facility?

In which county is this facility located?

On which waterway is this facility located?

**Physical Street Address of Facility**

Street (name and #) \_\_\_\_\_

City \_\_\_\_\_

Zip Code \_\_\_\_\_

**Business Mailing Address (if different than above)**

Street or P.O. Box \_\_\_\_\_

City \_\_\_\_\_

Zip Code \_\_\_\_\_

**Contact Information**

Phone # \_\_\_\_\_

Fax # \_\_\_\_\_

Website \_\_\_\_\_

Email \_\_\_\_\_

Which **law enforcement agency** is responsible for the waterway where your facility is located?

Please name the person or entity who owns this facility.

Is this facility privately- or government-owned?

Is this facility leased?

- yes
- no

Is this facility a **Marina, Boat Launch, Dry Storage, and/or Mooring Field**?

- yes
- no

If yes to the question above, which of the following are available at this facility? (Check all that apply)

- Boat Launch
- Dry Storage
- Marina
- Mooring field

If no to the previous question, which of the following best describes your facility?

- Aquatic Center
- Aquatic Center/BISC
- Boating Access
- Fuel Dock
- Landing/Boat-In Sites
- Marine Services/Repair
- No Facility
- SSR Facility
- Yacht Club
- Other \_\_\_\_\_



Is this facility open to the general public?

yes

no

Can boats launch from your facility?

yes

no

If yes, what types of boats can launch from your facility? (check all that apply)

Motorized boats

Non-motorized boats

Sailboats

Please estimate the total number of boat launches from your facility in 2017 and 2016.

	2017	2016
Motorized boats		
Non-motorized boats		
Sailboats		

What is the total # of **boat launch lanes** (use at one time) at this facility?

Of these boat launch lanes, how many have **adjacent boarding floats**?

What is the total # of **parking spaces** for vehicles **with** trailers?

What is the total # of **parking spaces** for vehicles **without** trailers?

Does your facility have the following?

	yes	no
slips or tie-ups	<input type="radio"/>	<input type="radio"/>
moorings	<input type="radio"/>	<input type="radio"/>
dry storage	<input type="radio"/>	<input type="radio"/>

What type of slips or tie-ups are available at this facility? (check all that apply)




- uncovered
- covered
- transient

Please estimate the total number of slips or tie-ups at this facility.

	Total (maximum capacity)
uncovered	
covered	
transient	

What percent of these slips or tie-ups are **occupied** during your "busy" season over the past 2 years?

	0	10	20	30	40	50	60	70	80	90	100
--	---	----	----	----	----	----	----	----	----	----	-----

uncovered	
covered	
transient	


Are **liveboards** permitted at this facility?

- yes
- no

What is the total # of **permitted liveboards** at this facility?


What is the total # of **moorings** (excluding berths/slips) available at this facility?

What percent of these **moorings** are typically occupied during your "busy" season over the past 2 years?

	0	10	20	30	40	50	60	70	80	90	100
Moorings (excluding berths/slips):											

What is the total # of **dry storage spaces** at this facility? Use numbers only: 0 - 9999

What percent of these **dry storage spaces** are typically occupied during your "busy" season over the past 2 years?

	0	10	20	30	40	50	60	70	80	90	100
Dry storage units											

Does this facility have the following services?

	yes	no
Restrooms		
Showers		
Port-a-Pottys		
Fuel Sales		
Shore Boat Services		

Launching Valet Services		
Haulout and Boat Repair		
Boat Rentals		
Carry Down Paths		
Campsites		
Swimming Areas		
Day Use or Picnic Areas		
Snack Bar(s)		
Convenience Store (s)		
Ice Vending Machines		
Gear Lockers		
Lodging		
Restaurant(s)		
Fishing Tackle Sales		
Fish Cleaning Stations		
Fishing Line Collection Station		
Life Jacket Loaner Station		
Boat Washdown Areas		
Water on the Dock		
Cable TV on the Dock		
Internet / WiFi		
Laundry Facilities		
Electric Vehicle Charging Station		
Used Oil Collection Center		
Oil Filter Collection Center (in operation)		
Marine Battery Drop-Off (in operation)		
Bilge Pumpout Facility		

Sewage Pumpout Facility		
Sewage Dump Station		
Oil Absorbents Collection Station		
Other		
Other		

How many **carry down walkways** does your facility have?

How many **Used Oil Collection Centers** are in operation at your facility?

How many **Bilge Pumpout Facilities** are in operation at your facility?

How many **Sewage Pumpout Stations** are in operation at your facility?

How many **Sewage Dump Stations** are in operation at your facility?

How many **Oil Absorbents Collection Dump Stations** are in operation at your facility?

For the body of water where your facility is located, how would you describe its usage by **motorized** boaters?

- Extremely heavy use / over-crowding
- Heavy use / frequent crowding
- Moderate use / occasional crowding
- Low use / rarely crowded

For the body of water where your facility is located, how would you describe its usage by **non-motorized** boaters?

- Extremely heavy use / over-crowding
- Heavy use / frequent crowding
- Moderate use / occasional crowding
- Low use / rarely crowded

Think about the body of water where your facility is located. Please check all of the facilities and services that are either need to be improved upon and/or added on this body of water for **motorized** boats. (check all that apply)

- Boating access
- Boarding floats
- Boat camping
- Day docks (short-term dockage)
- Dry storage
- Fish cleaning stations
- Floating docks / piers
- Fuel docks
- Landings / boat-in sites
- Launch ramps
- Marinas (slips)
- Marine service & repairs
- Mooring fields
- Navigation aids (buoys, markers)
- Parking for vehicles / trailers
- Pump-out stations
- Restrooms
- Showers
- Supply stores

- Transient facilities / tie-ups
- Utilities (e.g., electric service, potable water, cable, internet)
- Emergency Services
- Other \_\_\_\_\_
- Other \_\_\_\_\_
- NOT APPLICABLE

Please check all of the facilities and services that either need to be improved upon and/or added to for **non-motorized recreation**. (Check all that apply)

- Boating access
- Landings
- Boat-in campsites
- Boat-in day-use areas
- Parking
- Hand launch ramps
- Launch ramps (for small trailers)
- Carry down paths
- Navigation aids (buoys, trail markers)
- Access to fresh water
- Take-out spots
- Restrooms
- Showers
- Supply stores

- Emergency services
- Other \_\_\_\_\_
- Other \_\_\_\_\_
- Not applicable



## Appendices H and I. Lists of Facilities and Survey Completion Status

### Appendix H. Facility Data from Survey

Organization Name	
101 Surf Sports	Black Meadow Landing
Alameda Marina	Bluewater Sailing School
Almanor Ranger District Office	Bowerman Boat Launch
Alviso Marina	Boys & Girls Clubs of Venice
American Legion Yacht Club and Newport Harbor Post 291	Brickyard Cove Marina
American Legion	Brisbane Marina
Anchorage 47	Broderick Boat Ramp
Anderson Lake	Buck Ridge Recreation Area
Andreas Cove Yacht Club	Buena Vista Aquatic Recreational Area
Angel Island State Park	Bullfrog Landing Marina
Antler Boat Ramp	Bureau of Reclamation
Arcata Marsh & Wildlife Sanctuary	Burton Chace Park Transient Docks
Arrowhead Harbor	Cabrillo Boat Shop
Auburn State Recreation Area (China Bar River Access)	Cachuma Lake Recreation Area
Auburn State Recreation Area (Lower Lake Clementine)	Cal Sailing Club
Auburn State Recreation Area (Mineral Bar CXT)	Calaveras Big Trees State Park
Auburn State Recreation Area (Ponderosa Crossing BTAF)	California State University Monterey Bay
Auburn State Recreation Area (Upper Lake Clementine BTAF)	California Yacht Club
Audrey	Camp Richardson Marina
Avalon Harbor	Captain John's Fawn Harbor and Marina
B&W Resort Marina	Carpinteria Boat House
Bailey Cove	Castaic Lake State Recreation Area
Balboa Bay Club	Catalina Harbor
Balboa Yacht Basin	Centimudi Boat Launch
Basalt Boat Launch / San Luis Reservoir State Recreation Area	Central Harbor Park
Bass Lake Boat Rentals	Channel Islands Boating Center
Beals Point	Channel Islands Sportfishing
Bend Bridge Boat Ramp	Channel Islands Ventura County Small Boat Marina
Benicia Marina	Channel Islands Yacht Club
Berenda Reservoir	Charlotte Schmidt Yacht Sales
Best Western Plus Island Palms Hotel and Marina	Cherry Lake Boat Launch
Bethany Reservoir State Recreation Area	China Camp State Park
Bidwell Canyon Marina	City of Berkeley Marina
Bidwell-Sacramento River State Park	City of Carpinteria Ocean Recreation Center
Big Bear Municipal Water District East Boat Launch Ramp	City of Isleton
Big Lagoon County Park	City of Monterey, Office of the Harbormaster
Black Butte Dam and Lake	City of Rio Vista - Boat Launch Ramp
	City of San Diego

City of San Diego City Lakes and Recreation	Emery Cove Yacht Harbor
Clark Springs Launch	Emeryville Marina
Clarksburg Marina	Encinal Boat Launch Facility
Clear Lake State Park/Anderson Marsh State Historic Park	Englebright Lake
Club Nautique	Environmental Traveling Companions - River Program
Collins Lake	Esprit Marina
Cosumnes River Preserve	Essex Marina City Club
Coyote Lake- Harvey Bear Ranch County Park	Eureka Public Marina
Coyote Point Marina	Feather River College Outdoor Recreation Leadership Program
Crescent City Harbor District	Fee Reservoir Boat Ramp
Cricket Hollow Boat Launch Facility	Folsom Lake - Parks and Recreation
Crowley Lake Fish Camp	Folsom Lake Floating Restroom
Crown Cove Aquatic Center	Folsom Lake State Recreation Area Folsom Point
Crow's Nest	Folsom Lake State Recreation Area Granite Bay
CSUC Adventure Outings	Folsom Lake State Recreation Area Peninsula New Ramp
CSUN Aquatic Center at Castaic Lake	Folsom Lake State Recreation Area Peninsula Old Ramp
David Wells	Folsom Lake State Recreation Area Rattlesnake Bar
David Yearsley River Heritage Center	Folsom Lake State Recreation Area Salmon Falls
De Anza Cove Boat Launch Ramp	Folsom Lake Yacht Club
Dean Creek Resort	Forebay Aquatic Center
DeGarimore's Central Coast Marine Fuel & Ice Dock	Fortman Marina
Del Mar Marina	Frank G Bonelli Regional Park - Puddingstone Lake
Del Norte County Recreation Department	Gallatin Marina
Del Rey Yacht Club	Garcia Bend Park
Del Valle Lake	Grand Marina
Destiny McIntyre Campground	Gridley Boat Ramp and Park
Diaz Lake	Gull Lake Marina and Boat Launch
DiNosaur Point Boat Launch / San Luis Reservoir State Recreation Area	H.V. Eastman Lake
Dixon Boat Club	Half Moon Marina
Dixon Lake Recreation Area	Harbor Island West Marina
Dolphin Isle Marina	Henningsen Lotus Park
Don Pedro Recreation Area - Don Pedro Lake	Hidden Harbor Marina
Driftwood RV and Fishing Resort	Hidden Lake - Hensley Lake Recreation Area
East Bay Municipal Utility District	Hidden View Recreation Area
Eastman Lake	High Seas Fuel Dock, Inc.
Ebony Boat Club	Hirz Bay Launch
Echo Lodge Resort	Hi-Tide Boat Sales & Service
El Capitan Reservoir	Holland Riverside Marina
Embarcadero Marina	Horse Creek Campground
Emerald Bay State Park	Horse Creek Recreation Area
Emerald Cove Resort and Marina	Howarth Park Bottini Boathouse
Emerald Point Marina	Humboldt Bay Aquatic Center

Humboldt Bay National Wildlife Refuge - Hookton Slough Boat Launch	Lake Sabrina Boat Landing
Hume Lake Christian Camps	Lake Shastina Property Owners Association
Hyatt Regency Mission Bay Spa and Marina	Lake Skinner
Indian Valley Reservoir	Lakeside Marina
Isabella Lake	Lauritzen Yacht Harbor
Jack London Aquatic Center	Lawson's Landing
Jack Smith Memorial Park	Lemon Hill
Jellys Ferry River Access	Lemon Hill Recreation Area Marina
Jimmy Smith Fields Landing Boat Launch Facility	Leo Robbins Community Sailing Center
Jones Valley Resort	Library Park
Kaweah Marina at Lemon Hill Recreation Area	Lido Yacht Anchorage
Kaweah Recreation Area	Lloyd's Holiday Harbor
Kennedy Park Boat Dock	Loch Lomond Recreation Area
Kennedy Park Boat Launch	Lodi Lake Park
King Island Resort	Long Beach Marina - Alamos Bay
Kings Beach State Recreation Area (Coon Street Boat Launch Facility)	Los Banos Creek Boat Launch / San Luis Reservoir State Recreation
Knights Landing Fishing Access	Lovey's Landing RV Park and Marina
Ladds Marina	Lower Blue Lake
Lake Amador Resort	Lowrie Yacht Harbor, Inc.
Lake Britton	Lucerne Harbor Park
Lake Buena Vista	Main Street Boat Dock
Lake Casitas Boat Rentals	Marin Yacht Club
Lake Casitas Recreation Area	Marina Bay Yacht Harbor
Lake Elsinore	Marina Cortez
Lake Hennessey Boat Facility Launch	Marina Park
Lake Jennings	Marina Village Yacht Harbor
Lake Kaweah	Marina West Yacht Club
Lake McClure and Lake McSwain	Martin Luther King Regional Shoreline Boat Launch
Lake Mendocino	Martinez Marina
Lake Merced Boathouse	Martis Creek Lake
Lake Merritt Boating Center	Mason's Marina
Lake Morena County park	McArthur-Burney Falls Memorial State Park
Lake Nacimiento	McCloud Reservoir (Lake McCloud)
Lake Natoma Negro Bar	Medeiros Boat Launch / San Luis Reservoir State Recreation Area
Lake Natoma Nimbus Flat	Mill Creek Park
Lake Oroville Marina	Miller Launch
Lake Oroville State Recreation Area	Millers Landing Resort and Marina
Lake Perris Marina	Millerton Lake State Recreation Area
Lake Perris State Recreation Area	Mission Bay Aquatic Center
Lake Piru Recreation Area	Modesto Reservoir
Lake Poway Recreation Area	Monterey Bay Boatworks/ Breakwater Cove Marina

Monterey Bay Kayaks	Pleasure Point Marina
Monterey Peninsula Yacht Club	Point Arena Pier
Morro Bay Yacht Club	Point Loma Marina
Moss Landing Boat Works	Point San Pablo Harbor
Moss Landing Harbor District	Port of San Francisco- Pier 52 Boat Launch
MP Boat Slips	Port San Luis Boatyard
Napa Valley Marina, Inc.	Port San Luis Harbor District
New Bridge Marina	Pyramid Lake Recreation Area and Los Alamos Campground
New Hogan Lake	Rancho Marina Mobile Home and RV Park
Newport Dunes Marina	Redding Aquatic Center
Newport Sea Base	Redondo Beach Sailing
Ninth Street Alvarez Park Boat Launch	Redwood City Municipal Marina
North Shore Campground	Richardson Bay Marina
North Tahoe Public Utility District	River City Rowing Club
Noyo Harbor District	Riverbend Park
Oakland Yacht Club	Riverboat Marina
Obexer's Boat Company	Ruth Lake Marina
Oceanside Harbor District	Sacramento State Aquatic Center
Oceanside Small Craft Harbor District	Saddlebag Lake Resort
Olympic Circle Sailing Club (OCSC)	Salmon Lake Lodge
Orange Coast College School of Sailing & Seamanship	Salt Spring Valley Reservoir and Campground
Orwood Resort, Inc.	Salton Sea State Recreation Area
Owl Harbor Marina	San Diego Youth Aquatic Center
Oyster Cove Marina	San Luis Creek Boat Launch
Pacific Corinthian Yacht Club	San Luis Reservoir State Recreation Area
Pacific Corinthian Youth Foundation	San Pablo Reservoir
Packers Bay Marina	San Rafael Canal
Palo Verde Park	San Rafael Yacht Club
Paradise Point Engine and Boat Repair	Santa Ana Launch Ramp and Coyote Launch Ramp
Paradise Shores RV Park	Santa Barbara Harbor
Pardee Lake Recreation, Inc.	Santa Monica Windjammers Yacht Club
Parkside Aquatic Park- San Mateo Marina Lagoon	Sardine Lake Resort
Perry's Boat Harbor	Scotts Flat and Rollins
Petaluma Visitors Center	Scotts Flat Campground
Peter's Landing Marina	Scotts Flat Reservoir
Picacho State Recreation Area	Seaforth Marina
Pier 32 Marina	Shady Acres Campground
PIER 39 Marina	Shasta Cascade Wonderland Association
Pillar Point Harbor	Shasta County Facilities Management
Pine Cove Launch	Shasta Marina at Packers Bay
Pine Flat Lake	Shelter Island Launch Ramp
Pinto Lake City Park	Silverwood Lake State Recreation Area
Pleasure Cove Marina	Ski Run Marina

Skunk Hollow BTAF	Tule Lake National Wildlife Refuge
Slick Rock Recreation Area	Tuolumne River Regional Park
Sly Park Recreation Area	Turtle Bay Exploration Park
Solano Yacht Club	Twin Lakes Resort
South Beach Harbor	UC Aquatic Center at the Berkeley Marina (Cal Adventures)
Spanish Flat Recreation Area	UC Santa Barbara Sailing Facility
Sportsmen Yacht Club	UCLA Marina Aquatic Center
Spud Point Marina	UCSC Community Boating Center
Stanislaus County Woodward and Modesto Reservoirs	UCSF Outdoor Programs
Stanislaus River Parks	United States Sailing Center
Stansislaus County Parks Department - Woodward Reservoir	University of California, Santa Cruz Community Boating Center
Stockton Sailing Club	
Stony Gorge Reservoir	Upper Newport Bay Nature Preserve
Stow-A-Way Self Storage	Vallejo Yacht Club, Inc.
Stuart Fork Launch	Velma Million Marina
Success Lake	Ventura Harbor
Sugarloaf Resort	Ventura Harbor Boatyard, Inc.
Suisun City Marina	Ventura Harbor Marina & Yacht Yard
Sun Harbor Marina	Ventura West Marina
Sunnyside Restaurant & Lodge	Ventura West Marina II
Tahoe City Marina	Village West marina
Tahoe Community Sailing /Tahoe City Public Utility District	Vintage Marina
Tahoe Keys Marina and Yacht Club	Walter's Camp RV Park & Campground
Tahoe Vista Recreation Area and Boat Launch	Watt Ave Access
Tehama County River Park	Webber Lake
The Boat Yard at Grand Marina	Weist Lake Park
The Boatyard Channel Islands	Western Boat Shop
The Forks Resort	Westgate Landing Regional Park
The Pines Resort and Conference Center	Westpoint Harbor
The Portofino Hotel & Marina	Whiskeytown National Recreation Area
The Virgin Sturgeon	Willow Creek
The Westin Sacramento	Willow Creek Access - Lake Natoma (Folsom Lake State Recreation Area)
Tiscornia Beach and Discovery Park	Willowest Harbor Marina
Tower Park Marina	Wimpy's Marina
Tracy Oasis Marina-Resort	Windward Sailing Club
Treasure Island Marina	Wishon Village, Inc.
Treasure Island Sailing Center	
Trinity Alps Marina	Woodley Island Marina
Trinity Alps Resort	Woodson Bridge State Recreation Area
Trinity Center	Wright's Lake Campground
Tsardi Resort	Yuba City Boat Launch

*N = 406*

## Appendix I. Facility Data from Other Sources

Organization Name	
5 Star Marina	Bahia Resort Marina
5th St - Lakeport	Bair Island Marina
Aeolian Yacht Club	Balboa Fun Zone Marina
Ahjumawi State Park	Balboa Yacht Club Marina
Ahjumawi State Park - Rat Farm Boat Launch	Ballena Isle Marina
Al Larson Marina	Balls Ferry Fishing Access
Alamar Restaurant & Marina	Barge Canal Recreation Access
Alameda Community Sailing Center	Barnhill Marina
Alameda Fishing Access	Bass Lake Boat Ramp
Alameda Grand Street Boat Launch Facility	Basso Bridge
Alamitos Bay Marina	Bay Club Hotel Marina
Alamitos Bay Marina (Basin 1)	Bay Front Marina
Alamitos Bay Marina (Basin 2)	Bay Point Regional Shoreline
Alamitos Bay Marina (Basin 3)	Bayshore Marina (California Recreation Company)
Alamitos Bay Marina (Basin 4)	Bayside Marina (California Recreation Company)
Alamitos Bay Marina (Basin 8)	Bayside Village Marina
Alamitos Bay Yacht Club	Bayview Boat Ramp Woodward Reservoir
Albany Point	Beachcomber Resort
Albion River Campground and Marina	Beacon Harbour
American Legion Park	Bear River Lake Resort
Anacapa Isle Marina (an Almar Marina)	Beardsley Reservoir Launch Ramp
Anchor Bay Campground	Beldon's Landing
Anchor Marina	Benbow Lake State Recreation Area
Anchorage Inn	Benicia Yacht Club
Anderson River Park Public Fishing Access	Berkeley Marine Center
Angel Island State Park (Ayala Cove Marina)	Berkeley Public Boat Ramp
Anglers' Cove Campground	Berkeley Yacht Club
Annett's Mono Village Fishing Resort	Berryessa Point Recreation Area
Antelope Lake Lost Cove Boat Ramp	Bethel Harbor
Antioch Fishing Pier	Big Bar River Access
Antioch Marina	Big Bear Marina
Antioch Oakley Regional Shoreline	Big Bear Shores RV Resort and Yacht Club
Antioch Public Launch Ramp	Big Bend Resort
Antioch Riverfront Promenade	Big Break Marina
Ardell Marina, Inc.	Big Chico Creek BTAF
Avalon at Marina Bay	Big Cove Resort
Avalon Marine Dock #1	Big Flat River Access BTAF
Avocado Lake Fishing Access	Big Geiger Cove
Bagby Recreation Area	Big River RV Park
Bahia Corinthian Yacht Club	Big Rock Boating Access
Bahia Marina (an Almar Marina)	Big Rock Resort and Marina

Big Sage Reservoir	Bullards Bar Reservoir - Madrone Cove Boat-In Site
Black Point	Bullards Bar Reservoir Floating Restroom
Blue Fish Cove Resort	Butler Flat BTAF
Blue Lake Ramp	Butte City Launching Facility
Blue Oaks Ramp - Don Pedro Recreation Area	Butte Valley Reservoir Launch Ramp
Blythe Boat Club	Buttonsell Cove
Boat Ramp Street BTAF	Cabrillo Beach Yacht Club
Boathouse Marina	Cabrillo Isle Marina (an Almar Marina)
Bob's Bait Shop	Cabrillo Marina (Holiday Harbor Marinas)
Bob's Playa Riviera	Cabrillo Way Marina (WestRecreation Marina)
Boca Reservoir	Cachuma Lake Catamaran Launch
Bodfish Exit Site Granite Launch BTAF	Cachuma Lake Floating Restroom
Bolinas Lagoon	Cal Maritime Academy
Bolinas Rod & Boat Club	Caldwell Park Boat Ramp
Bombay Beach BTAF	Calero Reservoir Launch Ramp
Bombay Beach Marina	Caliente Isle Harbor
Boon Dox Dock	Caliente Yacht Club
Boulder Bay Marina Ramp	California State University Channel Islands
Boyd Pump	California Yacht Marina - Wilmington
Boyd's Harbor (Rusty Porthole Restaurant)	California Yacht Marina Port Royal
Boys and Girls Clubs Of Greater Martin V. Smith Youth Center	Camp Edison
Braito's Buckingham Marina	Camp Far West Lake
Brandy Creek Marina (Brandy Creek RV Campground)	Campland on the Bay
Brannan Island KOA & Marina (Delta Resort RV Park)	Candlestick Point State Recreation Area
Brannan Island State Recreation Area	Cannery Landing RV Campground
Brannan's Island Time Marina	Canyon Creek BTAF
Brannon Bar BTAF	Canyon Dam Boat Ramp
Bridge Bay Resort and Marina (Seven Crown Resorts)	Capell Cove Boat Launch Facility
Bridge Marina Yacht Club	Capitola Boat and Bait
Bridgeport Reservoir RV Park and Marina	Caples Lake Campground
Brinkman's Marine; Inc.	Caples Lake Resort
Brite Valley Recreation Area	Captain Morgan's Delta Adventures, LLC
Brown's Island	Captain Roberts Boating Site
Brown's Ravine - Folsom Lake State Recreation Aarea	Carlsbad Lagoon
Buckhorn Boat Ramp	Carlsbad State Beach
Buckley Cove Fishing Access	Carlsberg Marina
Bucks Lake Marina	Carlson Boatel
Buck's Landing	Carol Morrison Public Boat Launch (East Ramp)
Bucktail Hole BTAF	Carol's Harbor & Marina
Buena Vista Concessions	Carson Chalets Lakeside Villas
Buhne Point-King Salmon	Cascade Shores Boat Launch Facility
Bullards Bar Reservoir - Frenchy Cove Boat-In Site	Caswell Stanislaus River Access at Caswell Memorial State Park
Bullards Bar Reservoir - Garden Point Boat-In Site	

Catalina Yacht Anchorage	Corvina Estates RV Park
Cerritos Bahia Marina	Cottage Creek Boat Launch
Cerritos Yacht Anchorage	Courtland Docks Marina
Channel Islands East Bank Guest Dock	Courtright Reservoir Boat Ramp
Channel Islands Harbor Marina	Coyote Boat Ramp at Lake Casitas Recreation Area
Channel Islands Harbor Patrol Dock	Crater Lake
Channel Islands Landing	Crescent City-Whaler Island
Channel Marina Yacht Harbor	Crescent City Harbor Ramp
Cherry Cove	Cresta Dam BTAF
Chesbro Reservoir	Cricket Hollow Park
Chinook RV Resort	Crockett Marine Service, Inc
Chula Vista Launch Ramp - Port of San Diego	Crowley Lake Floating Restroom
Chula Vista Marina	Cruiser Haven Yacht Club
Chula Vista Marina View Park	Cuttings Wharf
Chula Vista Ramp-Bayfront Park	Dagmar's Landing
Chula Vista-California Yacht Marina	Dana Landing Marina
Claremont Launch Ramp	Dana Landing Market & Fuel Dock
Clarksburg Boat Launch	Dana Marina
Clear Creek - Greenway BTAF	Dana Point - East Basin Marina
Clear Lake Lakeside County Park	Dana Point Fuel Dock
Clear Lake Vista Resort	Dana Point Harbor Guest Docks
Clearlake Oaks Boat Launch	Dana Point Ramp
Clearlake Resort	Dana Point Shipyard
Cleghorn Ramp-Silverwood Lake State Recreation Area	Dana Point Yacht Club
Cliffhouse Fishing Access	Dana West Marina
Cliffs River Marina, Inc.	Dana West Yacht Club
Clifton Court Forebay	D'Anna's Yacht Center, Inc
Clipper Yacht Harbor	Dark Day Boat Launch
Coco Bait Tackle & Deli	DAS Cliffhouse
Codfish Falls Boat-In Site	Davenport Marina
Colusa-Sacramento River State Recreation Area	Dave's Marine Fuel Service
Comfort Suites	Davies Launch Ramp
Community Fishing Association Dock	De Anza Harbor Resort
Convict Lake Boat Launching Facility	Dead Lake Boat Launch Facility
Convict Lake Resort	Dean's North Fork Marina
Copco Reservoir-Copco Cove	Decker Island Wildlife Area
Copco Reservoir-Copco Lake Store	Deckhand's Marine Supply
Copco Reservoir-Mallard Cove Ramp	Del Rey Landing
Copper Cove Marina	Dell'Osso Family Farms
Corinthian Yacht Club	Delonegha Access
Cornell Park	Delta Bait & Tackle
Coronado Cays Yacht Club Marina	Delta Boat Storage
Coronado Yacht Club	Delta Country Houseboats



Delta Kayak Adventures	Eagle Lake- Stones Landing Launch Ramp
Delta King Hotel	Eagle Pass Ramp
Delta Marina	East Launch Ramp (Castaic Lake State Recreation Area)
Delta Meadows	East Park Reservoir Ramp
Delta Resort	Easy C's Marina & Boat Sales
Delta Sport Boats Yacht Club	Echo Chalet
Descanso Bay	Eddo's Harbor & RV Park
Desert Riviera	Edgewater Resort & RV Park
Desert Shores Trailer Park & Marina	Eel River-Gould Bar
Devils Nose Put-in	El Capitan Reservoir Floating Restroom
Diamond Valley Lake Boat Launch Facility	El Dorado Beach Boat Ramp
Diamond Valley Marina	El Dorado Irrigation District Boat Launch
Digger Bay Marina (Seven Crown Resorts)	Elizabeth Lake
Discovery Bay Community Center	Elkhorn Boat Ramp
Discovery Park	Elkhorn Regional Park
Dock 77	Embarcadero Cove Marina
Docktown Marina	Emerald Bay - Santa Catalina Island
Doc's Marina	Emerald Cove Resort
Dodge Reservoir Campground	Emeryville Boating Access at Point Emery Park
Dolans Bar BTAF	Empire Landing
Dolphin Marina	Encinal Yacht Club
Don Pedro Public Boarding Floats (X2)	Englund Marine Supply
Don Pedro-Solar Power Floating Restrooms (X6)	Enterprise Area-Lake Oroville State Recreation Area
Donner Lake Boat Launch	Environmental Traveling Companions
Donner Lake Marina	Eticuera Hand Launch
Doran Regional Park	E-Z Landing RV Park & Marina
Dorris Reservoir	Fair Oaks Boat Launch Facility
Downieville BTAF	Fallen Leaf Marina
Dr. Paul Barnes Park Community Park	Feather River Boat Launch Facility
Drake Marine	Ferguson Lake
Drake Marine (Closed)	Fernando Street & Edgewater Public Dock
Driftwood Yacht Club	Fiddlers Cove Marina and RV Park
Driscoll Mission Bay Marina	Field's Landing County Boat Ramp
Driscoll's Wharf	Fifth Ave Landing
Duane Boyer Public Boat Launch-West Ramp	Fifth Ave Marina
Duck Island RV Park	Finney-Ramer Unit Wildlife Area
Duffy Boats	Fish Harbor
Duncan Boat Ramp - North	Fisherman's Cove
Duncan Boat Ramp - South	Fisherman's Landing
Eagle Lake- Aspen Grove Boat Launch Facility	Fisherman's Wharf
Eagle Lake Marina	Fisherman's Wharf Harbor Outer
Eagle Lake RV Park	Fisher-Smith Boatworks
Eagle Lake- Spaulding Tract Boat Launching Facility	Five Star Marina

Fleitz Brothers Marina	Gorge Run BTAF
Fleming Meadows Ramp-Don Pedro Recreation Area	Gottville River Access
Florence Lake	Granada Launch Ramp
Florence Lake Resort	Grand Island Mansion
Folsom Lake Marina	Grant Lake Marina
Folsom Lake State Recreation Area - Peninsula - North Ramp	Great Valley Grasslands State Park Launch Ramp
Folsom Lake State Recreation Area - Peninsula - South Ramp	Green Springs Boat Ramp
Forks Resort	Greenhorn Campground
Fort Bragg Marine	Greenwood Creek BTAF
Foster City Boat Park	Grimes Boat Landing
Fourth of July Cove	Grindstone Joe Association
Frank's Marina	Guerneville River Park
Franks Tract State Recreation Area	Gull Meadows Boat Launch
Freeport Marina	H.V. Keeling County Park
French Gulch Marina	H2O Craft Rentals
French Meadows Reservoir-North	Hamilton Cove
French Meadows Reservoir-South	Happy Harbor Marina & Trailer Park
Frenchman Lake	Hap's Bait & Tackle
Frenchman Lake-Lunker Point	Harbor Island Fuel Dock
Freshwater Lagoon-Humboldt Lagoons State Park	Harbor Island Yacht Club
Friant Cove	Harbor Marina (Harbor Tower Marina)
Fritz Grupe Park	Harbor MarineWorks
Fuller Grove Boat Ramp	Harborlight Landing at Hotel Maya
Fuller Lake Day Use Area	Harbortown Point Marina Resort
Funtime RV Park & Watersports	Harrington BTAF
Galilee Harbor	Harry's Marina
Garnet Dike Rafting Put-In	Harvey's Fishing Hole Ramp
Gashouse Cove Marina	Haskins Valley PG&E Campground
Gaviota State Park	Hastings Island Hunting Preserve
General Petroleum Co. (Terminal Island)	Havasu Landing Resort and Casino
George Geary	Havasu Palms - Palms Marina
Georgiana Slough	Haven Acres Resort
Gilardi's Lakeville Marina	Hell Hole Reservoir
Glen Cove Marina	Hen Rock Cove
Glenhaven Beach Campground and Marina	Henningsen-Lotus BTAF
Glorietta Bay Boat Launching Ramp	Heron Point Boat Ramp
Glorietta Bay Marina	Hidden Beaches RV Resort
Gold Lake Lodge	Higgins Boat Landing - Corte Madera
Gold Lake Ramp	Highland Lakes Boat Ramp
Golden Anchor Boat Club	Highway 255 Bridge Boat Ramp
Golden Gate Yacht Club	Hilton San Diego Resort & Marina
Goleta Beach County Park	Hilton Stockton
Goodyear Bar BTAF	Holiday Harbor Marina

Holiday Harbor Resort & Marina	Johnsondale Bridge BTAF
Holloway's Marina, Inc.	Jones Valley Ramp
Homewood High & Dry Marina	Jules Resort
Honker Cut Marine	June Lake Marina
Hook's Landing/Tahoe Marina Lodge Pier	Kamloops Camp
Hornblower Cruises & Events	Kamp Klamath
Horseshoe Bend Launch Ramp	Keswick Boat Ramp
Hospitality Point	Kimtu River Access Improvement
Hotel Del Rio Lounge	King Harbor - Harbor Patrol
Howe Ave. Boat Launch Facility	King Harbor Marina
Howland's Landing	King Harbor Yacht Club
Hudeman Slough Fishing Access	Kings River Access
Humphreys Half Moon Inn & Suites Marina	Kirch Flat
Huntington Beach Boat Ramp	Kit Carson Resort
Huntington Harbor Yacht Club - Fire Department	Klamath Glen Resort
Huntington Harbour Marina	Knotty Pine Resort & Marina
Huntington Lake Resort	Koehler Kraft Co.
Hyde Street Pier (San Francisco Maritime Historical Park)	Ko-Ket Resort
Ice House Reservoir	Kokopelli Kayaks
Indian Creek Reservoir	Kona Kai Marina
Indian Valley BTAF	Konocti Vista Casino Resort and Marina
Intrepid Landing	Korth's Pirate's Lair Marina
Iron Gate Reservoir (Camp Creek)	La Fargue Hunting & Fishing Lodge
Iron Gate Reservoir (Fall Creek)	Laguna Lake Park
Iron Gate Reservoir (Juniper Point)	Lake Almanor Boat Launching Facility
Iron Gate Reservoir (Long Gulch)	Lake Almanor Resorts
Iron Gate Reservoir (Mirror Cove)	Lake Almanor SouthShore Campground
Iron Gate Reservoir (Wanaka Springs)	Lake Alpine Lodge, Inc.
Irvine Finch River Access	Lake Alpine Resort
Islais Creek BTAF	Lake Arrowhead Yacht Club
Island Marine Fuel	Lake Barrett
Island Packer Cruises	Lake Berryessa Floating Restroom
Island RV Park	Lake Cahuilla County Park
Island Yacht Anchorage	Lake Camanche (North)
Islander Mobile Park	Lake Camanche (South) Marina
Isthmus Cove	Lake Casitas Floating Restroom
Jacks Resort-Fresno Slough Fishing Access	Lake Chabot Marina
Jamo Point Boat Launch Lake Britton	Lake Clementine Floating Restroom
Jane's Reservoir	Lake Cove Resort & Marina
Jankovich Company	Lake Cuyamaca
Jenner Visitors Center Boat Ramp	Lake Davis Recreation Area (Honker Cove Ramp)
Jepson Prairie Preserve	Lake Davis Recreation Area (Lightning Tree Ramp)
Johnny's Marina & RV Park	Lake Davis Recreation Area (Mallard Cove Ramp)

Lake Davis Recreation Area (Old Camp Five Ramp)	Lake Piru Floating Restroom
Lake Don Pedro Marina	Lake Piru Recreation Area Boat Launch Facility
Lake Don Pedro Marina - Don Pedro Recreation Area	Lake San Antonio - Lynch Area Boat Launching Facility
Lake Earl Boat Launch Facility	Lake San Antonio Floating Restroom
Lake Elizabeth	Lake San Antonio Recreation. Area; North (Pleyto Ramp)
Lake Elsinore West Marina & RV Park	Lake San Antonio Recreation. Area; North (Store/Ramp)
Lake Forest Public Access BTAF	Lake San Antonio Recreation. Area; South (Basham Pt. Rooftop Launch)
Lake George	Lake San Antonio Recreation. Area; South (Harris Creek Ramp)
Lake Haven Resort	Lake San Antonio Resort and Marina
Lake Hemet	Lake San Vicente Boat Launch Facility
Lake Henshaw Resort	Lake San Vicente Floating Restroom
Lake Hodges Boat Launch Facility	Lake Siskiyou Resort & Camp - Renolds Resorts
Lake Hodges Floating Restroom	Lake Solano Park
Lake Isabella	Lake Sonoma Resort Area
Lake Isabella - Engineers Point Boat Launch Facility	Lake Tahoe, - Skylandia Park
Lake Isabella Camp 9	Lake Tulloch Resort
Lake Isabella Floating Restroom	Lake Tulloch RV Campground and Marina
Lake Isabella Patrol Boat Dock - French Gulch	Lake Washington Sailing Club
Lake Isabella RV Resort	Lake Wohlford
Lake Kaweah Floating Restroom	Lake Woollomes
Lake Marina Inn	Lake Yosemite
Lake Mary	Lakeland Resort
Lake McClure- Barrett Cove Boat Launch Facility	Lakeport Yacht Club
Lake McClure Floating Restroom	Lakeshore Boat & Dry Storage
Lake McClure Marina- Barrett Cove	Lakeshore Resort
Lake McClure- McClure Point	Lakeshore Resort
Lake McSwain Marina and Recreation Area	Lakeshore Resort at Bucks Lake
Lake Mendocino Recreation Park Inc.	Lakeshore Villa
Lake Merced Park	Landing 63
Lake Ming	Las Palmas- San Joaquin River
Lake Miramar Boat Launch Facility	Lassen View Resort Inc
Lake Miramar Floating Restroom	Launch 19
Lake Nacimiento Floating Restroom	Laurel Street & Harbor Drive (Airport) - Port of San Diego
Lake Oroville - Bloomer Boat-In Site	Lazy M Marina
Lake Oroville Floating Campgrounds	Lee Vining Creek Boat Launch
Lake Oroville Floating Restroom	Leeward Bay Marina
Lake Oroville State Recreation Area - West Park Riverbend Boat Launch Facility	Leo J Ryan Memorial Park (Foster City)
Lake Perris - Alessandro Island	Lexington Reservoir
Lake Perris - Bernasconi Pass	Liberty Ship Marina
Lake Perris - Sail Cove	Lido Marina Village
Lake Perris Power Cove Ramp	Lido Park Place Marina
Lake Pillsbury Resort	

Lighthouse Trailer Resort & Marina	Mandeville Tip Park
Lighthouse Yacht Landing, Inc.	Manley's Resort
Lindquist Landing	Margie's River Access
Little Geiger Cove	Marina Del Rey Boat Launch Facility
Little Grass Valley (Black Rock Tent Camp Ramp)	Marina Del Rey Marina (An Almar Marina)
Little Grass Valley (Little Beaver Ramp)	Marina Harbor Anchorage
Little Grass Valley (Peninsula Ramp)	Marina Harbor Apartments and Anchorage
Little Norway Resort	Marina Pacifica Boat Slips
Little Rock Reservoir	Marina Park & Sailing Center
Little Venice Island	Marina Plaza Harbor
Live Oak Riverfront Park	Marina Shipyard
Loafer Creek Boat Ramp	Marina Village Marina
Loch Lomond Marina	Marine Emporium
Loews Crown Isle Marina	Marine Group Boat Works
Logan Slough Boat Ramp	Marine Stadium Launch Ramp
Long Beach Fire Department Fire Station #21	Mariner Square Marina & Dry Stack
Long Beach Shoreline Harbormaster	Mariners Bay Apartments & Anchorage
Long Beach Shoreline Marina	Mariner's Point
Long Ravine Campground	Mariners Resort
Loon Lake	Marinship Yacht Harbor
Lopez Lake- Mallard Cove	Mario's Marina Motel
Lopez Lake Marina and Store	Mariposa Hunters Point Yacht Club
Lopez Lake Regional Park Boat Launch Facility	Markley Cove Resort
Los Alamitos Harbor Master Dock	Martinez Yacht Club
Lost Lake Resort	Martin's Rainbow Resort
Lotowana Village	Mayflower County Park
Low Water Bridge BTAF	McAvoy Yacht Harbor
Lower Ford's Bar BTAF	McGuire Boat Ramp
Lower Middle Bar BTAF	McNears Beach County Park
Lower Otay Lake Boat Launch Facility	Medeiros Boat Ramp, San Luis Reservoir, O'Neill Forebay
Lower Otay Lake Floating Restroom	Medicine Lake
Lower Sunrise Recreation Area	Meeks Bay Resort & Marina
Lucky 4 Trailer Park Resort & Marina	Mendota Delta Boat Launch Facility
Lumsden (Meral's Pool)	Mike's Kern Valley Marina
Lundborg Landing Resort and Marina	Mike's Main Channel Marine - UNocal
Lundy Lake Campground	Mill Valley Bayfront Park
Lundy Lake Resort	Miller Regional Park
M&M Campground	Millerton Marina
Macumber Reservoir	Millpond Recreation Area
Maidu Boat Ramp	Miner Slough Wildlife Area
Mallard Bay Resort	Mira Monte Landing
Mallard House Inn	Mission Bay - Dana Landing Boat Launch Facility
Mammoth Pool Reservoir	Mission Bay - Mooring

Mission Bay Park Headquarters	Newport Marina Park
Mission Bay Yacht Club	Noble Yacht Group
Mission Creek Non-Motorized Boat Launch	North Battle Creek Reservoir
Moccasin Point Marina - Don Pedro Recreation Area	North Embarcadero Cove (Oakland Marinas - an Almar Marina)
Modesto Marina	North Recreation Area Boat Launch Facility
Mono Lake - Navy Beach	North Shore Beach and Yacht Club
Mono Lake - Tufa Boat Ramp	North Shore Landing
Monte Rio Community Beach	North Tahoe Marina
Montego Bay Marina	Noyo River Boat Launch Facility
Monterey Breakwater Launch Ramp	Oak Bottom Marina (Forever Resorts)
Monticello Shores Recreation Area	Oak Grove Regional Park
Moonstone Cove	Oak Shores Day Use
Mooreville Boat Launch Ramp	Oakland Marinas - Jack London Square (an Almar Marina)
Morning Star Lake	Ocean Cove Store & Campground
Moro Cojo Slough	Oceanside Harbor Fuel Dock
Morro Bay - Tidelands Park	Oceanside United States US Coast Guard Auxillary
Morro Bay Boatyard	Oceanside Yacht Club
Morro Bay Kayak Ramp - Kayak Shack	Old Sacramento State Historic Park
Morro Bay Marina	Old Townsite Boat Ramp - Klamath Townsite
Morro Bay Public Launch Facility	Olde Port Beach
Morro Bay State Park Marina	Opportunity Cruises
Mossdale Marina	Orange Blossom BTAF
Mountain Meadows Reservoir	Orange County Sailing & Events Center
Murray Reservoir Boat Launch Facility	Orange County Sheriff's Harbor Patrol Division
Murray Reservoir Floating Restroom	Orchard Springs Resort
Napa City Guest Dock	Ord Bend Park
Napa Sea Ranch	Orland Buttes Ramp
National City - Pepper Park Ramp	Outrigger Marina
Needles Marina RV Park	Oxbow Campground
Neptune Marina	Oxbow Raft Put in BTAF
New Hope Landing & Trailer Park	Oyster Point Marina
New Melones Lake - Angels Creek Ramp	Pacific Corinthian Marina
New Melones Lake - Glory Hole Ramp	Pacific Union College, Albion Field Station
New Melones Lake - Tuttle town Ramp	Pacific Yacht Imports
New Melones Lake Marina	Pacific Yacht Landing
New Romeo's Bait & Tackle Shop	Packer Lake Lodge
New Spicer Meadow Reservoir	Packers Bay Ramp
Newmarks Yacht Centre	Panay Way Marina
Newport Dunes Launch Ramp	Paradise Cay Yacht Harbor
Newport Dunes Waterfront Resort	Park Delta Bay
Newport Harbor Shipyard	Park Moabi Marina
Newport Harbor Yacht Club	Park Street Landing Marina
Newport Landing Fuel Dock	

Pass Creek Ramp	Port Sonoma Marina
Pearson's Fuel Dock/Shelter Island Fuel Dock	Porto Bodega Marina & RV Park
Pedrazzini Boat Ramp	Portobello Marina/D'Anna Yacht Center
Pelham's Bay Resort	Portofino Hotel & Marina
Pelican Harbour	Pratville Boat Ramp
Pelican Yacht Harbor	Presidio Yacht Club
Peninsula Camping and Boating Resort	Prosser Creek Reservoir
Peninsula Marina	Putah Canyon Campground (Royal Oak Park Management)
Peninsula Park - County Guest Dock	Pyramid Lake - Bear Trap Boat-In Site
Peninsula Yacht Club	Pyramid Lake - Chumash Island Boat-In Site
Peninsula Yacht Marina (an Almar Marina)	Pyramid Lake - Emigrant Landing
Persido Bar BTAF	Pyramid Lake - Serrano Boat-In Site
Petaluma Marina	Pyramid Lake - Spanish Point Boat-In Site
Philbrook Boat Launch	Pyramid Lake - Tin Cup Boat-In Site
Pier 44 Marina	Pyramid Lake - Yellowbar Boat-In Site
Pierce Harbor Marina	Pyramid Lake Gatehouse
Pierpont Bay Yacht Club	Pyramid Lake Marina
Pigeon Point BTAF	Pyramid Lake Vaquero Ramp
Pillar Point Boat Launching Facility	Quarry Lakes Regional Recreation Area
Pine Creek Landing	Rainbow Beach Resort
Pine Flat Lake Floating Restroom	Rainbow Harbor Marina
Pine Flat Lake Marina	Rancheria Enterprise Marina
Pine Flat Lake Marina and Lakeview Resort	Rancho Seco Recreational Area
Pine KNot Landing	Reading Island Fishing Access
Pinecrest Lake Resort Marina	Red Bluff Diversion Dam
Pinewood Cove Resort and Marina	Red Bluff Diverson Dam Recreation Area
Pirate Cove Resort	Red Bud Park Boat Launch Facility
Pit River Recreation Area	Red Hill Marina
Pittsburg Marina	Redinger Lake
Pittsburg Yacht Club	Redondo Beach Harbor Patrol
Pleyto Storage - Lake San Antonio North Shore	Redondo Beach Marina
Plumas Pines Resort	Redondo Beach Small Boat Launch Facility
Pogie Point	Redondo Beach Yacht Club
Point Lobos Reserve	Redwood Landing Marina
Point San Pablo Yacht Club	Reel In
Pope Creek Bridge	Regan Beach
Port Calypso Marina	Requa Resort
Port of Oakland Recreational Marinas - Harbor Master's Office	Reservoir C Boat Ramp
Port of Redwood City Launch Ramp	Reservoir F Boat Ramp
Port of Stockton Yacht Club	Richmond Park
Port San Luis Harbor Dry Storage	Richmond Yacht Club
Port Side Marine	Rio Del Colorado
	Rio Del Sol-RV Haven

Rio Ramaza Marina	San Diego PO Monitoring & Maintenance
Rio Sands Lodge	San Diego Yacht Club
Rio Viento RV Park	San Francisco Bar BTAF
Rio Vista Bait & Tackle	San Francisco Boat Works
Rio Vista Public Courtesy Dock	San Francisco Marina Small Craft Harbor - West Harbor
Rio Vista Riverbank Fishing Access	San Francisco Marine
River Land Resort	San Francisco Yacht Club
River Lodge Resort	San Joaquin Yacht Club
River Park	San Leandro Marina
River View Marina	San Leandro Shoreline Recreation Area
Riverbank Marina	San Luis Yacht Club
Riverfront Park	San Pedro Boat Storage
Riverfront Regional Park	San Pedro Marina
Riverside RV Park	San Rafael Yacht Harbor
Riverview Park	San Simeon State Park Leffingwell Landing
Riviera RV Resort	Sandy Flat Put-In/Take-Out
Rock Creek Dam BTAF	Sandy Point Boat Ramp
Rock Creek Lake	Santa Barbara Boat Launch
Rock Creek Lake Resort	Santa Barbara Marine - Union Oil Marine Station
Rock House Launch Ramp	Santa Barbara Palm Park - Chase Palm Park
Rocky Mountain Recreation at Santa Margarita Lake	Santa Clara Point Boat Launch Facility
Rocky Mountain Recreation Company	Santa Cruz Aquatic Center
Rocky Point BTAF	Santa Cruz Boat Rental
Rocky Point King Harbor	Santa Cruz Harbor (North Harbor Launch Ramp)
Rogelio's Dine & Sleep Inn	Santa Cruz Harbor (South Harbor Launch Ramp)
Royal Flush Portage	Santa Fe Dam Recreation Area
Ruck-A-Chucky BTAF	Santa Margarita Lake Regional Park
Rush Creek	Santee Lakes Regional Park
Ryde Hotel	Santiago Island Village
Sacramento Marina	Sardine Lake Lodge
Sacramento Waterfront Dock - Old Sacramento Public Dock	Sausalito Marine
Sacramento Yacht Club	Sausalito Shipyard and Marina
Sailing Education Adventures (SEA)	Sausalito Yacht Harbor
Sailor Bar / Illinois BTAF	Schooner's Landing Marina
Salmon Harbor RV Resort	Schoonmaker Point Marina
Salt Point State Park	Scotty's Boat Landing
Salton Sea Beach Marina	Sea Breeze Resort
Samoa Boat Ramp County Park	Seabridge Marina
Sam's Harbor	SeaGate Yacht Club
San Diego Harbor - Submerged Breakwater	Seahorse Marina
San Diego Marriot Hotel and Marina	Seal Beach Yacht Club
San Diego Mooring Company	Seal Point Park BTAF
San Diego Pier 11A (USS Midway)	Seascape Trinidad Harbor



SeaWorld Marina	Southwestern Yacht Club
Senator Wash Boat Ramp	Spaulding Fishing Access
Senator Wash North Shore Boat-In Site	Spillway Boat Ramp - Lake Oroville State Recreation Area
Senator Wash South Shore Boat-In Site	Sportfishing at 22nd Street Landing
Sequoia Yacht Club	Sportsman's Dock
Shadow Cliffs Regional Recreation Area	Spring Lake
Shasta Lake RV Resort	Spud Island
Shasta Marina Resort	Squaw Lake
Shaver Lake Marina	Stampede Reservoir Boat Ramp
Shaver Lake Public Boat Launch	Stanford University Sailing Program
Shaver Lakeside	Stanislaus North Fork BTAF
Shelter Cove	Stan's Yolo Marina
Shelter Cove Marina	Steele Canyon Recreation Area
Shelter Island Boatyard	Steelhead Lodge Bar & Grill
Shelter Island Harbor Police Dock	Steven Bridge Access Trails
Sheraton-San Diego Hotel & Marina	Steven's Creek Reservoir
Sheriff's Harbor Patrol Emergency - Pumpout Dock	Stingrayz Beach Boardwalk Marina
Sherman Lake Resort Marina	Stockton Delta KOA
Sherwood Harbor Marina & RV Park	Stockton Rowing Club
Shore Park	Stockton Water Ski Club
Shoreline Yacht Club	Stockton Yacht Club
Sierra Boat Company, Inc.	Stone Lagoon Boat Ramp
Sierra Marina, Inc.	Strawberry Car Top Launch
Sierra Point Yacht Club	Stumpy Meadows Reservoir
Silver Gate Yacht Club	Success Marina
Silver Lake Campground	Sugar Barge Resort Marina
Silver Lake Resort	Sugar Dock
Silverthorn Resort Associates	Sugar Mountain Ranch Boat and RV Storage
Ski Beach Boat Launch Facility	Sugar Pine Reservoir
Skippers Cove Marina	Suisun City Boat Ramp
Slab Creek BTAF	Sunbeam Lake Park
Slippery Rock BTAF	Sunbeam Lake RV Resort
Sluice Box BTAF	Sunroad Resort Marina
Smalley Cove	Sunset Aquatic Marina
Smith River Access - Brown's Flat	Sunset Beach River Access
Smith River National Recreation Area	Sunset Boat Ramp
Smith River Public Fishing Access	Sunshine Resort
Smittle Creek Day Use	Sutherland Reservoir
South BLM BTAF	Swabbies on the River
South Bonnyview Fishing Access	Swales Anchorage
South Lake Boat Landing	Swensen Park
South Shores Boat Launch Facility	Tar Pit Park - Casitas Pier
Southshore Launch Ramp	Terminal Island Marina

Terrapin Crossroads	Two Harbors
The Arques School Shipyard and Marina	Union Flat BTAF
The Baylands Sailing Station	Union Point Basin (Oakland Marinas - an Almar Marina)
The Bear's Lair (Lake San Antonio North Shore)	Union Point Marina
The Boat Yard	Union Valley Reservoir - Peninsula Boat Launch Facility
The Chadwicks Storage - Lake San Antonio North Shore	Union Valley Reservoir - West Point Boat Launch Facility
The Dana Hotel Marina	Union Valley Reservoir - Yellow Jacket Boat Launch Facility
The Delta Sportsman	Union Valley Reservoir Area
The Forks BTAF	University of California at Irvine Boating Program
The Harbor at Marina Bay	University of California at San Francisco Outdoors Unlimited
The Local Fish Company (former King Salmon Resort)	University Plaza Waterfront Hotel
The Ramp Restaurant	Upper Blue Lakes Campground
The Scarlett Belle	Upper Blue Lakes Dam Ramp
The South Bay Yacht Club	Upper Ford's Bar BTAF
The Waterfront - San Diego's Mega-Yacht Basin	Upper Sunrise Recreation Area
Thermalito Afterbay - Monument Hill Boat Ramp	US Coast Guard Auxiliary
Thermalito Afterbay Boat Ramp	US Navy Sailing Center Point Loma
Thermalito Forebay North	Uvas Reservoir
Thermalito South Forebay	Vacquero Boating Picnic Site
Ti-Bar BTAF	Vagabond Resort
Tiki Lagun Resort & Marina	Vallejo Launch Ramp
Tillie Creek Launch Ramp	Vallejo Municipal Marina
Timber Cove Marina	Vasona Lake County Park
Tinsley Island / St. Francis Yacht Club	Ventura Harbor Launch Ramp
Tisdale Boat Launch Facility	Ventura Harbor Marine Fuel
Tomales Bay Resort	Ventura Harbor Village Marina
Tooms (Boating)	Ventura Isle Marina (an Almar Marina)
Topaz Lake RV Park	Ventura Yacht Club
Travis Marina	Verona Village River Resort
Treasure Isle Marina	Vieira's Resort
Trimmer Recreation Area Campground	Vikings Port
Trinity Lake Floating Restroom	Villa Cove Marina
Trinity Lake KOA	Villa del Mar Apartments & Marina
Trinity Lake National Recreation Area - Fairview Boat Launch Facility	Village West Yacht Club
Trinity Lake National Recreation Area - Minersville Campground	Virginia Lakes Resort
Truckee River BTAF	Walnut Grove Dock
Turlock Lake State Recreation Area	Walnut Grove Marina
Turlock Lake State Recreation Area - Tuolumne River Access	Wards Boat Landing
Turner Cut Resort	Water Wheel Resort
Turtle Beach RV Resort	Waterford River Park
Twin Lakes Campground	Waves
	Wayfarers
	Weber Point Yacht Club

West 9th Street Launch Ramp
West Launch Ramp - Castaic Lake State Recreation Area
West Sacramento Riverfront Promenade
West Shores BLF
West Valley Reservoir Fishing Access
Western Oak Storage - Lake San Antonio North Shore
Westside Regional Park
Whiskey Creek Boat Launch Facility
Whiskey Slough Marina
White's Landing
Wildwood Native Park - Small Craft Launching Facility
Wildyrie Resort
Willow Berm Marina
Wilmington Marina - Holiday Harbor Marina
Wilson's Camp Prattville
Windmill Cove Marina & RV Park
Windmill Resort
Windward Yacht Center
Wingate Bar BTAF
Wishon Boat Ramp
Woodcamp Creek Ramp
Woods Lodge
Woodward Marine
Worldmark
Yacht Haven Marina, Inc.
Yolo Sutter Boat Club
Zaca Lake Resort

*N=1133*

## Appendix J. Law Enforcement Survey and List of Agencies

The DBW is conducting a survey (in partnership with CA State University, Sacramento) to determine boating facility and enforcement needs throughout California. Your agency has been identified for participation in this important survey. The information you provide will help the DBW improve boating access, boating safety, and boating law enforcement training programs. Additionally, provided information has implications for future funding through our local assistance programs. Our mission is to provide safe and convenient public access to California's waterways and to promote safe, enjoyable, and environmentally sound recreational boating.

The survey should only take approximately 15-25 minutes of your time. To access the questionnaire, click here: [Marine Law Enforcement & Boating Safety Survey](https://csuscba.co1.qualtrics.com/SE/?SID=SV_25o2VwhH41gxqMI) or copy and paste the following URL into your internet browser: [https://csuscba.co1.qualtrics.com/SE/?SID=SV\\_25o2VwhH41gxqMI](https://csuscba.co1.qualtrics.com/SE/?SID=SV_25o2VwhH41gxqMI)

Please complete the survey by November 8, 2016.

Any questions or concerns should be directed to Elizabeth Erickson, our partner at California State University- Sacramento at (916) 612-1427 or via email at: [erickson@csus.edu](mailto:erickson@csus.edu).  
Thank you,

**Brian Carroll**

***Training Coordinator***  
**Division of Boating & Waterways**  
**Enforcement Unit**  
**1 Capitol Mall – Suite #500**  
**Sacramento, CA 95814**

### Law Enforcement Facility-related Questions

What is the name of your agency?

What is the name of your boating unit?

How many officers make up your boating safety unit? (Sworn Full-Time, Sworn Part-Time/Seasonal, Volunteer)

Does your agency's boating safety unit fill positions on a rotational basis?

- Yes
- No
- I don't know

How many years is the typical assignment for these rotational position(s)?

Which waterways are under your agency's "Areas of Responsibility"?

What do you consider to be the top three boating facility needs (excluding boats) in your AOR?

- Facility need #1 \_\_\_\_\_
- Facility need #2 \_\_\_\_\_
- Facility need #3 \_\_\_\_\_

\*Please note that a number of additional questions were added to this survey regarding safety but only facility-related questions are included here.

## Appendices K and L. Lists of Agencies and Survey Completion Status

### Appendix J. Law Enforcement Agencies Contacted

Agency Type	Agency Name
Subvention Agencies	Amador County Sheriff
Subvention Agencies	Butte County Sheriff
Subvention Agencies	Calaveras County Sheriff
Subvention Agencies	Colusa County Sheriff
Subvention Agencies	Contra Costa County Sheriff
Subvention Agencies	Del Norte County Sheriff
Subvention Agencies	El Dorado County Sheriff
Subvention Agencies	Fresno County Sheriff
Subvention Agencies	Glenn County Sheriff
Subvention Agencies	Humboldt County Sheriff
Subvention Agencies	Imperial County Sheriff
Subvention Agencies	Kings County Sheriff
Subvention Agencies	Lake County Sheriff
Subvention Agencies	Lassen County Sheriff
Subvention Agencies	Los Angeles County Fire Department
Subvention Agencies	Mariposa County Sheriff
Subvention Agencies	Mono County Sheriff
Subvention Agencies	Napa County Sheriff
Subvention Agencies	Nevada County Sheriff
Subvention Agencies	Placer County Sheriff
Subvention Agencies	Plumas County Sheriff
Subvention Agencies	Sacramento County Sheriff
Subvention Agencies	San Bernardino County Sheriff
Subvention Agencies	San Joaquin County Sheriff
Subvention Agencies	Shasta County Sheriff
Subvention Agencies	Sierra County Sheriff
Subvention Agencies	Siskiyou County Sheriff
Subvention Agencies	Solano County Sheriff
Subvention Agencies	Sonoma County Sheriff
Subvention Agencies	South Lake Tahoe Police Dept
Subvention Agencies	Suisun City Police Dept
Subvention Agencies	Sutter County Sheriff
Subvention Agencies	Tehama County Sheriff
Subvention Agencies	Trinity County Sheriff
Subvention Agencies	Tulare County Parks
Subvention Agencies	Tuolumne County Sheriff
Subvention Agencies	Yolo County Sheriff
Subvention Agencies	Yuba County Sheriff

Other Sheriffs or Police Depts	Alameda County Sheriff's Department
Other Sheriffs or Police Depts	Alameda Police Department
Other Sheriffs or Police Depts	Alpine County Sheriff's Department
Other Sheriffs or Police Depts	Belvedere City Police Department
Other Sheriffs or Police Depts	Berkeley City Police Department
Other Sheriffs or Police Depts	Blythe Police Department
Other Sheriffs or Police Depts	Brisbane City Police Department
Other Sheriffs or Police Depts	Canyon Lake Police Department
Other Sheriffs or Police Depts	Carlsbad City Police Department
Other Sheriffs or Police Depts	Contra Costa County Sheriff
Other Sheriffs or Police Depts	Coronado City Police Department
Other Sheriffs or Police Depts	Huntington Beach City Police Department
Other Sheriffs or Police Depts	Inyo County Sheriff's Department
Other Sheriffs or Police Depts	Lake Selsinore Police Dept
Other Sheriffs or Police Depts	Los Angeles County Sheriff's Department
Other Sheriffs or Police Depts	Madera County Sheriff's Department
Other Sheriffs or Police Depts	Mendocino County Sheriff's Department
Other Sheriffs or Police Depts	Merced County Sheriff's Department
Other Sheriffs or Police Depts	Modoc County Sheriff's Department
Other Sheriffs or Police Depts	Orange County Sheriff's Department
Other Sheriffs or Police Depts	Petaluma Police Department
Other Sheriffs or Police Depts	Redwood City Police Department
Other Sheriffs or Police Depts	Reedley Police Department
Other Sheriffs or Police Depts	Sacramento Police Department
Other Sheriffs or Police Depts	San Benito County Sheriff's Department
Other Sheriffs or Police Depts	San Francisco Police Department
Other Sheriffs or Police Depts	San Rafael Police Department
Other Sheriffs or Police Depts	Santa Barbara County Sheriff's Department
Other Sheriffs or Police Depts	Santa Clara County Sheriff's Department
Other Sheriffs or Police Depts	Santa Cruz County Sheriff's Department
Other Sheriffs or Police Depts	Santa Monica Police Department
Other Sheriffs or Police Depts	Sausalito Police Department
Other Sheriffs or Police Depts	Stanislaus County Sheriff's Department
Other Sheriffs or Police Depts	Truckee Police Department
Other Sheriffs or Police Depts	Tulare County Sheriff's Department
Other Sheriffs or Police Depts	Twin Cities Police Department
Other Sheriffs or Police Depts	Ventura County Sheriff's Department
Other Sheriffs or Police Depts	Ventura Police Department
Other Sheriffs or Police Depts	West Sacramento Police Department
Harbors, Fire, Ports and Lifeguards	Avalon Harbor Patrol
Harbors, Fire, Ports and Lifeguards	Crescent City Harbor District
Harbors, Fire, Ports and Lifeguards	Imperial Beach City Lifeguards
Harbors, Fire, Ports and Lifeguards	Laguna Beach Marine Safety Dept

Harbors, Fire, Ports and Lifeguards	Long Beach Fire Department
Harbors, Fire, Ports and Lifeguards	Los Angeles City Harbor Department
Harbors, Fire, Ports and Lifeguards	Los Angeles County Fire Department
Harbors, Fire, Ports and Lifeguards	Los Angeles Port District
Harbors, Fire, Ports and Lifeguards	Monterey County Harbor
Harbors, Fire, Ports and Lifeguards	Moss Landing Harbor District
Harbors, Fire, Ports and Lifeguards	Oceanside Harbor Patrol
Harbors, Fire, Ports and Lifeguards	Port San Luis Harbor Patrol
Harbors, Fire, Ports and Lifeguards	Redondo Beach Harbor Patrol
Harbors, Fire, Ports and Lifeguards	San Diego City Lifeguards
Harbors, Fire, Ports and Lifeguards	San Diego Harbor District
Harbors, Fire, Ports and Lifeguards	San Francisco Harbor Master (SF Wharf)
Harbors, Fire, Ports and Lifeguards	San Mateo County Harbor District Oyster Point Marina
Harbors, Fire, Ports and Lifeguards	San Mateo County Harbor District Pillar Point
Harbors, Fire, Ports and Lifeguards	San Mateo Harbor Patrol
Harbors, Fire, Ports and Lifeguards	Santa Barbara City Harbor Department
Harbors, Fire, Ports and Lifeguards	Santa Cruz Port District
Harbors, Fire, Ports and Lifeguards	Santa Cruz State Lifeguards
Harbors, Fire, Ports and Lifeguards	Seal Beach Lifeguards
Harbors, Fire, Ports and Lifeguards	Ventura Port District
Harbors, Fire, Ports and Lifeguards	Ventura State Lifeguards
City/County Parks	County of Los Angeles, Parks Services Bureau
City/County Parks	East Bay Regional Park Public Safety
City/County Parks	Inyo County Parks and Recreation
City/County Parks	Kern County
City/County Parks	Los Angeles City Recreation and Parks
City/County Parks	Los Angeles County Parks and Recreation Department
City/County Parks	Los Angeles County Parks and Recreation Department
City/County Parks	Puddingstone Lake
City/County Parks	Monterey County Parks Departments
City/County Parks	Monterey County Parks Departments
City/County Parks	San Antonio Lake
City/County Parks	Riverside County Regional Park and Open Space District
City/County Parks	Riverside County Regional Park and Open Space District
City/County Parks	Lake Skinner Recreation Area
City/County Parks	Sacramento County Regional Parks Department
City/County Parks	San Luis Obispo County Parks
City/County Parks	Lopez Recreation Area
City/County Parks	Santa Barbara County Parks Department
City/County Parks	Santa Barbara County Parks Department
City/County Parks	Lake Cachuma Recreation Area
City/County Parks	Santa Clara County Parks and Recreation Admin
City/County Parks	Santa Cruz City Parks and Recreation Department



City/County Parks	Sonoma County Department of Parks and Recreation
City/County Parks	Russian River Area
State Parks and Recreation	Angel Island State Park
State Parks and Recreation	Northern Field Division, Marin District
State Parks and Recreation	Auburn State Recreation Area
State Parks and Recreation	Northern Division Gold Fields District
State Parks and Recreation	Brannan Island SRA, Delta Unit
State Parks and Recreation	Northern Field Division, Gold Fields District
State Parks and Recreation	Channel Coast District
State Parks and Recreation	Channel Coast District Headquarters
State Parks and Recreation	Ventura, Carpinteria, Santa Barbara State Beaches
State Parks and Recreation	Crystal Cove SP
State Parks and Recreation	Folsom Lake SRA
State Parks and Recreation	Northern Division Gold Fields District
State Parks and Recreation	Gaviota SRA
State Parks and Recreation	Santa Barbara Sector
State Parks and Recreation	Headquarters Office, Fields Services Division
State Parks and Recreation	Office of Public Safety
State Parks and Recreation	Lake Oroville SRA, Northern Buttes District
State Parks and Recreation	Lake Perris Inland Empire District
State Parks and Recreation	Southern Field Division, SRA District
State Parks and Recreation	North Coast Redwoods District
State Parks and Recreation	Salton Sea SRA
State Parks and Recreation	Southern Field Division, Colorado Desert District
State Parks and Recreation	San Diego State Parks Coast District, Southern Field Division
State Parks and Recreation	San Luis Reservoir SRA
State Parks and Recreation	Four Rivers Sector of Central Valley District
State Parks and Recreation	Sierra District
State Parks and Recreation	Silverwood Lake SRA
State Parks and Recreation	Southern Field Division, Inland Empire
U.S. National Park Service	Channel Island National Recreation Area
U.S. National Park Service	San Francisco Bay National Wildlife Refuge Complex
U.S. National Park Service	Whiskeytown National Recreation Area
Fish and Game	Fish and Game
Fish and Game	Fish and Game Oil Spill Prevention Unit
U.S. Coast Guard	U.S. Coast Guard - Public Affairs / Media Contacts
U.S. Coast Guard - 11th District	U.S. Coast Guard - Public Affairs / Media Contacts
U.S. Coast Guard - 11th District	Commander (PM)
U.S. Coast Guard - 11th District	USCGC Black Tip (CWPB 87326)
U.S. Coast Guard - 11th District	Lake Tahoe Station
U.S. Coast Guard - 11th District	Commanding Officer
U.S. Coast Guard - 11th District	USCG Station Rio Vista
U.S. Coast Guard - 11th District	USCG Station Vallejo

U.S. Coast Guard - 11th District	USCG Station Humboldt Bay
U.S. Coast Guard - 11th District	Station Golden Gate
U.S. Army Corps of Engineers	Black Butte Lake
U.S. Army Corps of Engineers	Eastman (H.V.) Lake
U.S. Army Corps of Engineers	Englebright Lake
U.S. Army Corps of Engineers	Hensley Lake
U.S. Army Corps of Engineers	Lake Isabelle
U.S. Army Corps of Engineers	Lake Kaweah
U.S. Army Corps of Engineers	Lake Sonoma
U.S. Army Corps of Engineers	New Hogan Lake
U.S. Army Corps of Engineers	New Melones Lake
U.S. Army Corps of Engineers	Pine Flat Lake
U.S. Army Corps of Engineers	Sacramento District, Regulatory Division
U.S. Army Corps of Engineers	Santa Clara Mohave Ranger District Office
U.S. Army Corps of Engineers	Saugus District (Angeles National Forest)
U.S. Army Corps of Engineers	Stansilaus River Parks
U.S. Army Corps of Engineers	Success Lake
U.S. Bureau of Reclamation	Bureau of Reclamation
Miscellaneous Listings	Arizona Game & Fish Department
Miscellaneous Listings	Big Bear Municipal Water District (SB County)
Miscellaneous Listings	California Highway Patrol
Miscellaneous Listings	City of Carpinteria (Santa Barbara County)
Miscellaneous Listings	City of Solana Beach, Marine Safety Department
Miscellaneous Listings	Humboldt Bay Harbor
Miscellaneous Listings	Recreation and Conservation District
Miscellaneous Listings	Los Angeles Aquatics Division
Miscellaneous Listings	Cabrillo Marina
Miscellaneous Listings	Newport Beach Fire Dept / Lifeguard Operations
Miscellaneous Listings	Petaluma Marina
Miscellaneous Listings	Richardson's Bay Regional Agency
Miscellaneous Listings	Spring Valley Lake Association (San Bernardino County)
Miscellaneous Listings	United Water Conservation District Lake Piru
Miscellaneous Listings	City of Ventura Leo Robbins Community Sailing Center

## Appendix L. Law Enforcement: Completed Survey

### Agency Name

Alameda County Sheriff's Office: Marine Patrol Unit  
Alameda Police Department : Alameda Police Marine Patrol  
Belvedere Police Department: No boating unit  
Blythe Police Department: Boating Enforcement Unit  
Butte County Sheriff's Office: Sheriff's Mrine Unit  
CA Department of Parks and Recreation: Auburn State Recreation Area - Lake Clementine Boat Patrol  
CA Department of Parks and Recreation: San Luis Reservoir  
CA Dept. of Fish & Wildlife: Law Enforcement Division - Marine Emphasis in North Coast Enforcement District  
CA State Parks - Lake Perris State Recreation Area (SRA): Lake Perris SRA  
CA State Parks Silverwood Lake SRA: Silverwood Lake SRA  
CA State Parks: Angel Island State Park  
CA State Parks: Surf Watch Rescue Boats  
Calaveras County Sheriff's Department : Calaveras County Marine Safety Div.  
California Department of Fish and Wildlife: Lake County game warden squad 3110  
California Department of Fish and Wildlife: Marine Unit  
California Department of Fish and Wildlife: PB Chinook  
California Department of Parks and Recreation: Channel Coast District, Aquatics Program (lifeguards)  
California Department of Fish and Wildlife  
California Highway Patrol: Waterborne Response and Asset Protection Program (WRAPP)  
California State Parks, Santa Cruz: Santa Cruz and San Mateo State Beaches  
California State Parks: Salton Sea SSRA, Picacho SRA  
Carlsbad Police Department: Lagoon Patrol  
City of San Mateo : San Mateo Harbor Patrol 575  
City of Santa Barbara Waterfront Department: Santa Barbara Harbor Patrol  
City of Seal Beach: Seal Beach Marine Safety  
Contra Costa County Office of the Sheriff: Marine Services Unit, Marine Patrol  
Del Norte County Sheriff's Office: Marine Patrol Unit  
El Dorado County Sheriff: El Dorado County Sheriff Marine Unit  
Fresno County Sheriff's Office: Boating Enforcement Unit  
Glenn County Sheriff's office: Glenn County Sheriff's Office Marine Unit  
Humboldt County Sheriff's Office: Humboldt County Sheriff's Boating Unit  
Huntington Beach Marine Safety Division: Huntington Beach Marine Safety Division  
Imperial County Sheriff's Office: B.E.S.T.  
Imperial County Sheriff's Office: BEST/ Boating Enforcement Safety Team  
Inyo County Parks: None  
Kings County Sheriff Office: KCSO  
Laguna Beach PD : LBPD Maritime Team  
Lake Elsinore Police Department: Lake Elsinore Boat Patrol  
Los Angeles County Fire Dept.: Baywatch Rescue Boats  
Mariposa County Sheriff: Mariposa County Sheriff, Boating Safety Division  
National Park Service- Channel Islands NP: National Park Service- Channel Islands NP

National Park Service: Whiskeytown National Recreation Area

Nevada County Sheriffs Office: Marine Patrol

Newport Beach Fire Department, Lifeguard Division: Sea Watch

Oceanside Police: Harbor Unit

Orange County Sheriff's Department: Marine Operations

Petaluma Police Department

Plumas County Sheriff: Plumas County Sheriff Boat Patrol

Port of San Francisco : San Francisco Police Department Marine Unit

Port San Luis Harbor District: Port San Luis Harbor Patrol

Riverside County Sheriff's Department: Lake Elsinore Boating and Safety Enforcement Team

San Diego lifeguards: Mission bay lifeguards- boat and safety unit

San Francisco Police Department: Marine Unit

San Mateo County Harbor District: Harbor Patrol

San Mateo County Harbor District: Harbor Patrol

Santa Barbara sheriff: Santa Barbara sheriff's underwater search and recovery unit

Santa Clara County Parks & Recreation Department: Stevens Creek County Park Unit

Santa Clara County Parks: Calero Reservoir

Santa Cruz Harbor Patrol

Santa Monica Police Department: Harbor Patrol

Sausalito Police Department: Sausalito Police Department Marine Patrol Unit

Shasta County Sheriff's Office: Shasta County Sheriff's Office Boating Safety Unit

Sierra County Sheriff's Office: Boating Safety Unit

Sonoma County Sheriff: Marine Unit

Suisun City Police Department: Suisun City Police Department Boat Patrol

Sutter County Sheriff's Office: Boat Patrol

Trinity County Sheriffs Office: Lake patrol unit

Truckee Police Department: Truckee PD Boat Detail

Truckee Police Department: Truckee Police Marine Operations

U.S. Army Corps of Engineers (USACE): USACE San Francisco District

U.S. Coast Guard 11th District: Various places on CA coast and Sacramento Delta

United States Army Corps of Engineers: Englebright Park Rangers

United States Army Corps of Engineers: Englebright Lake Patrol

Ventura County Sheriff's Office: Sheriff's Office

Ventura Port District: Ventura Harbor Patrol

Yuba County Sheriff's Department: Yuba County Sheriff's Department Marine Enforcement

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## Appendix M. Classification of California Waterways

### Appendix M. Salt Water Classification

<b>Small Bay/Harbor</b>	<b>Large Bay/Harbor</b>	<b>Ocean</b>
<b>Northern California</b>	<b>Northern California</b>	<b>Northern California</b>
Big Lagoon	Crescent City Harbor	Pacific Ocean
Eureka Slough	<b>Greater San Francisco Bay Area</b>	Trinidad Harbor
Hookton Slough	Bodega Bay	<b>Greater San Francisco Bay Area</b>
Humboldt Bay	Carquinez Strait	Pacific Ocean
Mad River Slough	Mare Island Strait	Pacific Ocean-Half Moon Bay
Russian Gulch	Pillar Point Harbor	<b>Central Coast</b>
<b>Greater San Francisco Bay Area</b>	Redwood Creek	Pacific Ocean
Aliviso Slough/Guadalupe River	Richardson Bay	Santa Barbara Channel
Bolinas Lagoon	San Francisco Bay-Alameda Bay	<b>Los Angeles</b>
Drakes Estero	San Francisco Bay-Coyote Point	Long Beach Harbor
Foster City Lagoon	San Francisco Bay-East Bay	Pacific Ocean
San Francisco Bay-Islais Creek	San Francisco Bay-Horseshoe Cove	Port of Long Beach
SF Bay-Redwood City Channel	San Francisco Bay-North Bay	Port of Los Angeles
San Francisco Bay-San Rafael Canal	San Francisco Bay-Oakland Estuary	San Pedro Bay
Tomales Bay	San Francisco Bay-Oyster Point	<b>Southern California</b>
<b>Central Coast</b>	San Francisco Bay-San Leandro Bay	Dana Point Harbor
Elkhorn Slough	SF Bay-San Mateo Marina Lagoon	La Jolla Shores
Santa Cruz Harbor	San Francisco Bay-South Bay	Lido Peninsula
Woods Lagoon	San Francisco Bay-West Bay	Newport Harbor
	San Pablo Bay	Oceanside Harbor (Marina Del Mar)
	Santa Fe Channel	Pacific Ocean
	Suisun Bay	Shelter Island Yacht Basin
	<b>Central Coast</b>	
	Monterey Bay	
	Morro Bay	
	Port San Luis Harbor	
	<b>Los Angeles</b>	
	Alamitos Bay	
	Avalon Harbor	
	Channel Islands Harbor	
	King Harbor	
	Los Angeles Harbor	
	Marina Del Rey	
	Queensway Bay	
	Redondo Beach Harbor	
	Two Harbors	
	Ventura Harbor	
	<b>Southern California</b>	
	Carlsbad Lagoon	
	Huntington Harbor	
	Mission Bay	
	San Diego Bay	

## Appendix M. Lakes/Reservoirs Classification

<b>Restricted Lake</b>			
<b>Northern California</b>	<b>Sierra</b>	Stumpy Meadows Reservoir	Lexington Reservoir
Baum Lake	Caples Lake	Sugar Pine Reservoir	Quarry Lakes
Benbow Lake	Convict Lake	Sunflower Lake	Shadow Cliffs Lake
Big Sage Reservoir	Echo Lake	Twin Lakes, Upper & Lower Twins	Spring Lake
Blue Lake	Florence Lake	Upper and Lower Blue Lakes	Steven's Creek Reservoir
Blue Lakes (Upper & Lower)	French Meadows Reservoir	Utica Reservoir	Uvas Reservoir
Castle Lake	Fuller Lake	Virginia Lakes	Vasona Lake
Crater Lake	Grant Lake	Wrights Lake	<b>Central Coast</b>
Dead Lake	Gull Lake	<b>Central Valley</b>	Laguna Lake
Dodge Reservoir	Hell Hole Reservoir	Avocado Lake	Lake El Estero
Dorris Reservoir	Highland Lakes	Lake Evans	Loch Lomond Reservoir
Fall River Lake	Hume Lake	Lake Natoma	Zaca Lake
Fee Reservoir	Indian Creek Reservoir	Lodi Lake	<b>Los Angeles</b>
Fish Lake	Jackson Meadows Reservoir	Los Banos Creek Reservoir	Castaic Lagoon
Freshwater Lagoon	Kerckhoff Reservoir	Oak Grove Lake	Elizabeth Lake
Gold Lake	Kidd Lake	Paradise Lake	Little Rock Reservoir
Horr Pond	Lake Alpine	Rancho Seco Lake	<b>Southern California</b>
Horseshoe Lake	Lake Amador	Redinger Lake	Diaz Lake
Iron Gate Reservoir	Lake Eleanor	Thermalito Diversion Pool	Hodges Lake Reservoir
Janes Reservoir	Lake George	Thermalito Forebay	Lake Barrett
Juanita Lake	Lake Mamie	<b>Greater San Francisco Bay Area</b>	Lake Cahuilla
Lake Davis	Lake Thomas A. Edison	Bethany Reservoir	Lake Cuyamaca
Lake Siskiyou	Lake Valley Reservoir	Briones Reservoir	Lake Dixon
Lakes Earl & Talawa	Loon Lake	Chesbro Reservoir	Lake Jennings
Lewiston Lake	Lundy Lake	Clifton Court Forebay	Lake Miramar
Lower Biscar Reservoir	Lyons Reservoir	Lafayette Reservoir	Lake Morena
McCumber Reservoir	McKays Point Reservoir	Lagoon Valley Lake	Lake Poway
Manzanita Lake	Mono Lake	Lake Chabot	Lake Skinner
Mountain Meadows Reservoir	Morning Star Lake	Lake Cunningham	Lower Otay Lake
North Battle Creek Reservoir	New Spicer Meadow Reservoir	Lake Elizabeth	Millpond
Packer Lake	Pine Mountain Lake	Lake Hennessey	Murray Reservoir
Reservoir C	Pinecrest Lake	Lake Merced	North Lake
Salmon Lake	Prosser Reservoir	Lake Merritt	Prado Reservoir
Sardine Lake (Lower)	Rock Creek Lake	Lake Ralphine	Ramer Lake
Stone Lagoon	Saddlebag Lake	Lake Solano/Putah Creek	Santee Lakes
Webber Lake	Salt Spring Reservoir		South Lake
West Valley Reservoir	Schaads Reservoir		Sunbeam Lake
	Silver Lake (Amador)		Sutherland Reservoir
	Silver Lake (Mono)		Upper Otay Lake

## Motorized Lake

<b>Northern California</b>	Jenkinson Lake	Pine Flat Lake	Salton Sea
Antelope Lake	June Lake	San Luis Reservoir	San Vicente Reservoir
Black Butte Lake	Klondike Lake	Sly Creek Reservoir	Senator Wash
Bucks Lake	Lake Arrowhead	Success Lake	Silverwood Lake
Butt Valley Reservoir	Lake Camanche	Thermalito Afterbay	Weist Lake
Clear Creek	Lake Clementine	Turlock Lake	Overnight Lake
Clear Lake	Lake Mary	Washington Lake	<b>Northern California</b>
Copco Reservoir	Lake Pardee	Woodward Reservoir	Shasta Lake
Duncan Reservoir	Lake Sabrina	<b>Greater San Francisco Bay Area</b>	Trinity Lake
Eagle Lake	Lake Spaulding	Anderson Lake	<b>Sierra</b>
Frenchman Lake	Lake Tahoe	Calero Reservoir	Bullards Bar Reservoir
Indian Valley Reservoir	Lake Tulloch	Contra Loma Reservoir	Don Pedro Lake
Lake Almanor	Lake Wildwood	Coyote Lake	Englebright Lake
Lake Britton	Mammoth Pool Reservoir	Del Valle Reservoir	New Melones Lake (Reservoir)
Lake McCloud	New Hogan Lake	Lake Sonoma	<b>Central Valley</b>
Lake Mendocino	Rollins Lake	San Pablo Reservoir	Lake Oroville
Lake Pillsbury	Scotts Flat Reservoir	<b>Central Coast</b>	<b>Greater San Francisco Bay Area</b>
Lake Shastina	Shaver Lake	Cachuma Lake	Lake Berryessa
Little Grass Valley Reservoir	Topaz Lake	Lake Nacimiento	<b>Southern California</b>
Medicine Lake Reservoir F	Union Valley Reservoir	Lake San Antonio	Lake Havasu
Ruth Lake	Wishon Reservoir	Lopez Lake	
Stampede Reservoir	<b>Central Valley</b>	Pinto Lake	
Stony Gorge Reservoir	Bass Lake	Santa Margarita Lake	
Tule Lake	Berenda Reservoir	<b>Los Angeles</b>	
Whiskeytown Lake	Brite Valley Lake	Castaic Lake	
<b>Sierra</b>	Collins Lake	Lake Casitas	
Bear River Reservoir	East Park Reservoir	Lake Piru	
Beardsley Reservoir	Eastman Lake	Legg Lake	
Big Bear Lake	Folsom Lake	Puddingstone Lake	
Boca Reservoir	Hensley Lake	Pyramid Lake	
Bridgeport Reservoir	Kaweah Reservoir	Santa Fe Dam Reservoir	
Camp Far West Lake (Reservoir)	Lake Buena Vista (Lake Webb)	<b>Southern California</b>	
Cherry Lake	Lake Isabella	Agua Hedionda Lagoon	
Courtright Reservoir	Lake McClure	Canyon Lake	
Crowley Lake	Lake McSwain	Diamond Valley Lake	
Donner Lake	Lake Ming	El Capitan Lake	
Fallen Leaf Lake	Lake Woollomes	Ferguson Lake	
Horseshoe Lake	Lake Yosemite	Lake Elsinore	
Huntington Lake	Millerton Lake	Lake Hemet	
Ice House Reservoir	Modesto Reservoir	Lake Henshaw	
	O'Neill Forebay	Lake Perris	
		Lake Wohlford	

## Appendix M. Rivers Classification

<b>Whitewater River</b>	<b>Restricted River</b>	<b>Motorized River</b>
<b>Northern California</b>	<b>Northern California</b>	<b>Sierra</b>
Eel River	Albion River	Kings River
Feather River-North Fork	Elk River	Stanislaus River
Klamath River	Freshwater Slough	<b>Central Valley</b>
Noyo River	Klamath River	Feather River
Salmon River	Little River	Fresno Slough
Trinity River	Mad River	Sacramento River
Yuba River	Pit River	<b>Southern California</b>
<b>Sierra</b>	Ryan Slough	Colorado River
American River-Middle Fork	Smith River	Palo Verde Lagoon
American River-North Fork	Stuart Fork River	<b>Overnight River</b>
American River-South Fork	<b>Sierra</b>	<b>Central Valley</b>
East Fork Carson River	Bear River	Sacramento-San Joaquin Delta
Kern River	Big Trees Creek	San Joaquin River
Merced River	Cosumnes River	
Mokelumne River	East Fork Walker River	
Stanislaus River-North Fork	Owens River	
Truckee River	<b>Central Valley</b>	
Tuolumne River	American River	
	Butte Creek	
	Cache Creek	
	Merced River	
	Tuolumne River	
	<b>Greater San Francisco Bay Area</b>	
	Berkeley Aquatic Lagoon	
	Corte Madera Creek	
	Napa River	
	Petaluma River	
	Rush Creek	
	Russian River	
	San Rafael Creek	
	<b>Central Coast</b>	
	Carmel River	
	Moro Cojo Slough	
	<b>Los Angeles</b>	
	Ventura River	
	<b>Southern California</b>	
	San Diego River	
	Upper Newport Bay	