

County of Los Angeles 2011 Lake Boating Enforcement & Aquatic Safety Report



**Celebrating 80
Years of
Service
1931-2011**



**Lake Lifeguard Services
County of Los Angeles
Department of Parks & Recreation**





COUNTY OF LOS ANGELES
DEPARTMENT OF PARKS AND RECREATION
"Creating Community Through People, Parks and Programs"

Russ Guiney, Director

April 1, 2012

Dear Boating Enthusiast,

Our commitment at the Los Angeles County Department of Parks and Recreation is to provide you with diverse and safe recreational opportunities at our many beautiful facilities. Fourteen Los Angeles County lakes together offer swimming, fishing, boating and recreational opportunities. While we want to ensure that you have a variety of opportunities to enjoy Los Angeles County's water areas, we continue to record and analyze our boating and aquatic incidents and constantly search for ways to enhance our lifeguard resources in order to offer you a safer environment in which to recreate.

The primary purpose of this Lake Boating Enforcement and Aquatic Safety Report is the analysis of boating and aquatic incidents that occurred in 2011. This information is compiled to help us direct our efforts to continue to reduce the number of boating accidents, injuries and fatalities in Los Angeles County's waterways.

The report also includes information about the Department's efforts to promote boating safety through law enforcement and safety education programs which involve essential, direct interaction with the boating community.

This report is available on the Department's website <http://parks.lacounty.gov>. For more information about this or other accident statistics please contact Hugo Maldonado, Chief Lake Lifeguard at (626) 330-8549 or hmaldonado@parks.lacounty.gov.

A handwritten signature in blue ink that reads 'Russ Guiney'.

Russ Guiney
Director

RG:HS:IP:ee

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INTRODUCTION

The issue of boating safety and the prevention of drownings are of great importance to the Los Angeles County Department of Parks and Recreation (Department). The Department's lake facilities include some of the most heavily congested stretches of open water in Southern California. Each year, hundreds of thousands of visitors flock to the lakes to enjoy the extensive recreational opportunities that are available.

The Department's Lake Lifeguards have implemented a variety of strategies to address the aquatic safety needs of park visitors. These include lake patrol/rescue vessel-based operations, traditional tower-based lifeguard operations, 4x4 lifeguard vehicles that patrol the shorelines surrounding the lakes and a bike patrol unit that covers terrain not easily accessible by vehicles.

Lake Lifeguards have endeavored to keep the lakes safe for more than 75 years and are one of the most multi-faceted, dynamic employee units serving the County of Los Angeles. The permanent staff are trained and equipped to:

- Enforce state and local boating laws
- Execute open-water rescues
- Provide emergency medical services to lake visitors
- Perform underwater rescue and recovery operations
- Respond to and investigate boating accidents
- Assist disabled vessels
- Extinguish vessel fires
- Enforce Fish and Game regulations
- Find and reunite lost children with their families

Lifeguards understand that a proactive service-oriented approach, including public education and a high-profile presence, is the most effective means of maintaining water safety for recreation.

The Junior Lake Lifeguard program also plays an important role in the Department's efforts to inform communities of the inherent hazards of an aquatic environment. In this program, participants ages 9 to 17 are instructed in safe swimming practices, boating and personal watercraft safety and other wide-ranging aquatic activities. As these youths grow older, junior lifeguards influence families and friends to be safe and prudent park users, thus reducing the likelihood of aquatic accidents.

NOTE: In commemoration of the Lake Lifeguard's 80 years of service, rare archival photos have been added throughout this report.

DEPARTMENT OF PARKS AND RECREATION INLAND BOATING AND OPEN WATER SWIMMING FACILITIES

Lake Lifeguards are charged with providing public safety services in and around three of Los Angeles County's most popular inland lakes including Castaic Lake in Castaic, Puddingstone Lake in San Dimas and Santa Fe Dam in Irwindale. The following is a brief summary on the size of each lake and the recreational opportunities that are available at each facility.

CASTAIC LAKE

Main Lake

The main reservoir has 29 miles of shoreline, covers 2,235 surface acres and is approximately 300 feet deep. This lake is open to boating activities such as fishing, water skiing, personal water craft and wind surfing. Fishing is by far the most popular activity.



Castaic Lake 1970's

Lower Lagoon

The lagoon has 3 miles of shoreline, covers 197 surface acres and is approximately 70 feet deep. It is open daily for picnicking, sunbathing, boating, and fishing. Swimming is allowed in designated swim areas when beach lifeguards are on duty. Boating activities are limited to sail, electric and manual-powered boats with the exception of the Cal State Northridge Aquatics program.

PUDDINGSTONE LAKE



Puddingstone Lake (Bonelli Park) 1960's

This 250-acre lake is located within Frank G. Bonelli Regional Park. This lake has 4.5 miles of shoreline and is approximately 70 feet deep. It is open to motorized boating activities such as water skiing, jet skiing, fishing, sailing and windsurfing. Swimming is allowed in designated swim areas when beach lifeguards are on duty.

SANTA FE DAM

Santa Fe Dam Recreational Area is located at the foot of the San Gabriel Mountains. This 836-acre facility boasts a serene 70-acre lake and is approximately 10 feet deep. It is open daily for picnicking, sunbathing, boating, and fishing. Swimming is allowed in designated swim areas when beach lifeguards are on duty.



Santa Fe Dam 1990's

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STATISTICAL INFORMATION

Data Collection Procedures

The Lake Lifeguard Information Management Unit is responsible for compiling data that accurately reflects the County's inland water enforcement and rescue activities. The lifeguards submit these reports to the office of the Chief Lake Lifeguard. Information is then analyzed and presented as the annual County of Los Angeles Lake Boating Enforcement and Aquatic Safety Report. Accurate data and the proper use of this information are essential in enabling the Department to continually evaluate the public safety needs at each of the three lake facilities and to assign resources accordingly.

These reports show the monthly trends in rescue and enforcement activity. Increases in attendance and activity generally correlate with warm summer weather, which peaks in the month of July. The following section contains some significant highlights of the 2010 Report.

Overall statistical highlights

- There were four aquatic fatalities at the county lakes in 2011 during normal hours of operation. One drowning in an unguarded area of Castaic Lake, and single vessel collision at Bonelli Park
- A 24% increase in aquatic rescues at the department's guarded swimming beaches
- A 48% increase in major medical aids from 2010
- A 14% decrease in minor medical aids from 2010
- There was a 3% decrease in overall lake attendance in 2011 from 2010
- A 25% decrease in overall vessel assists in 2011

2011 – 2010 TOTAL ACTIVITY COMPARISON

**LOS ANGELES COUNTY
LAKE LIFEGUARD SERVICES
Boating Law Enforcement and Rescue Activity
2011/2010 Total Activity Comparison**

ACTIVITY:	2011 TOTALS
Lake Attendance	1,591,602
Law Enforcement	
Enforcement Contacts	63,655.00
Evictions	108
Citations	188
Arrests	4
Rescue Activity:	
Swimming Rescues	364
Preventative Actions	64,844
Unauthorized Swimmers	9,639
Lost Persons	216
Underwater Recoveries	1
Vessel Assists:	
Disabled Vessels	996
Vessel Mechanical Asst.	300
Launch Ramp Assists	925
Collisions	7
Capsized	13
Fires	4
Medical Aids:	
Major Medicals	262
Minor First Aids	340
Resuscitations	4
Fatalities	
Drownings--Guarded	0
Drownings--Unguarded	1
Fatalities Non--Drowning	3

ACTIVITY:	2010 TOTALS
Lake Attendance	1,641,133
Law Enforcement	
Enforcement Contacts	67,277
Evictions	125
Citations	258
Arrests	8
Rescue Activity:	
Swimming Rescues	275
Preventative Actions	68,005
Unauthorized Swimmers	9,820
Lost Persons	152
Underwater Recoveries	0
Vessel Assists:	
Disabled Vessels	1,069
Vessel Mechanical Asst.	316
Launch Ramp Assists	842
Collisions	9
Capsized	22
Fires	6
Medical Aids:	
Major Medicals	135
Minor First Aids	389
Resuscitations	3
Fatalities	
Drownings--Guarded	0
Drownings--Unguarded	0
Fatalities--Non Drowning	1

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BOATING SAFETY AND ENFORCEMENT ANALYSIS

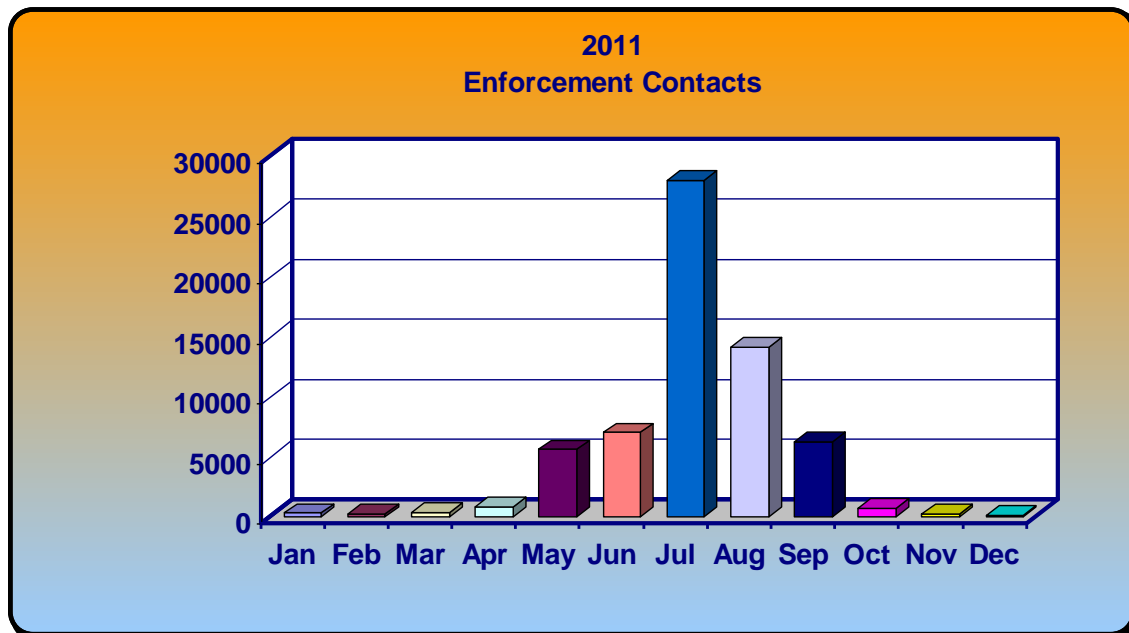
The Department's Lake Lifeguard rescue/patrol boats safeguard approximately 40 miles of Southern California's most enjoyed inland waters: Castaic Lake, Puddingstone Lake and Santa Fe Dam. These lifeguards operate a fleet of 18 rescue and utility vessels, which are piloted by Senior Lake Lifeguards certified in SCUBA and as emergency medical technicians. Each rescue boat is staffed by two lifeguards who are trained and equipped to carry out boating safety enforcement and emergency medical assistance. This includes boating law enforcement, underwater rescue and recovery, accident investigation, marine fire-fighting, boater intoxication enforcement and recovery and salvage operations. Lifeguards are also responsible for the deployment and maintenance of all navigational buoys that are critical in the prevention of boating accidents.



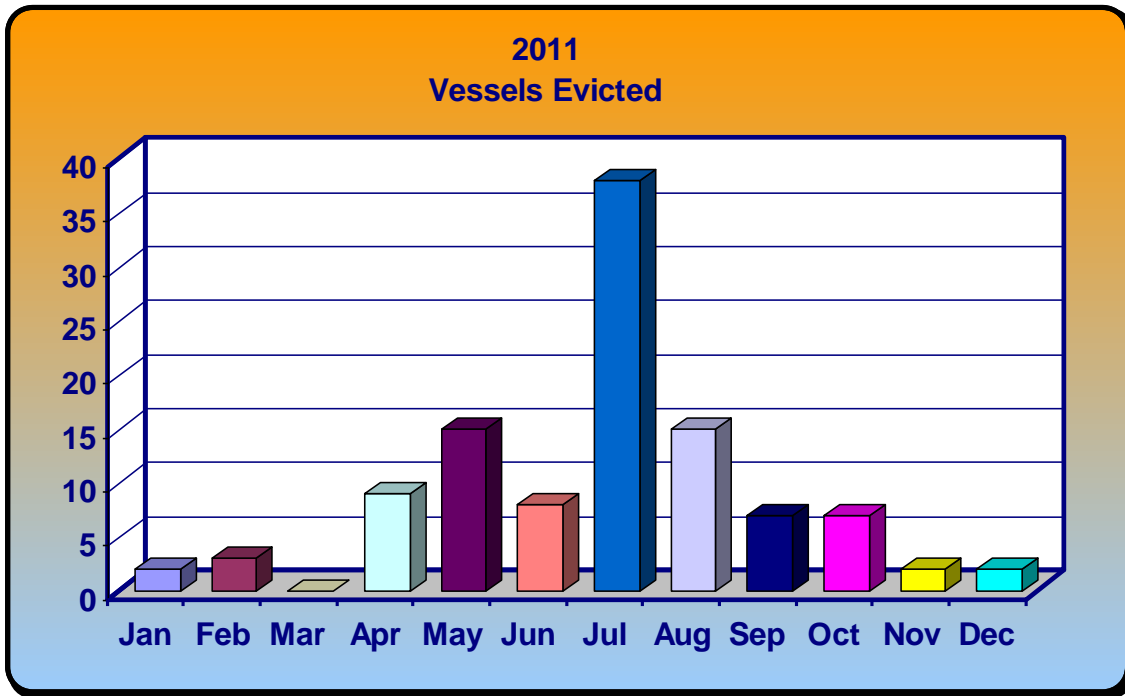
Senior Lake Lifeguard Robert Kelly directs two swimmers to the appropriate swim area at Castaic Lake.

Enforcement Contacts

This is defined as an encounter between a lifeguard and park visitor concerning a violation of a law, rule or regulation. In 2011, Lake Lifeguard personnel made a total of 63,655 enforcement contacts.

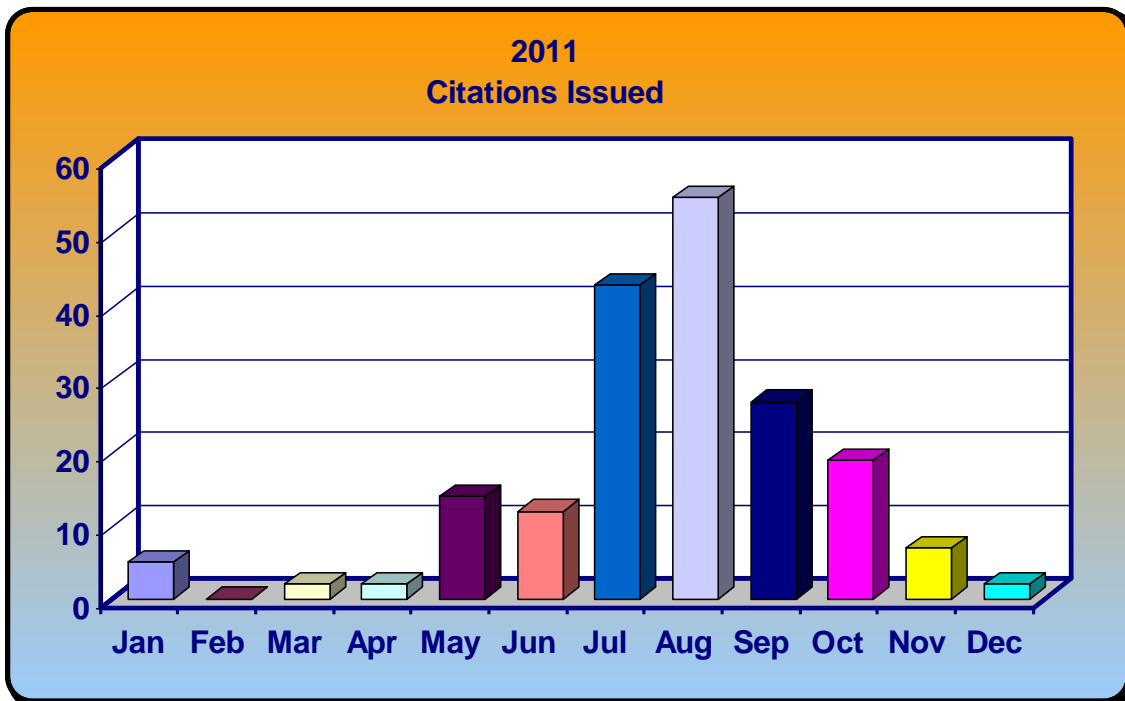


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Vessels Evicted and Citations Issued

When the lifeguards encounter a person who is disobeying rules, the situation is evaluated to determine whether resolution is possible by informing and educating the patron. If not, lifeguards may use warnings, evictions, citations and arrests to deter patrons from violating state and county laws as well as park ordinances. Lake Lifeguards evicted 108 boaters and filed a total of 188 citations with the Los Angeles County District Attorney in 2011.



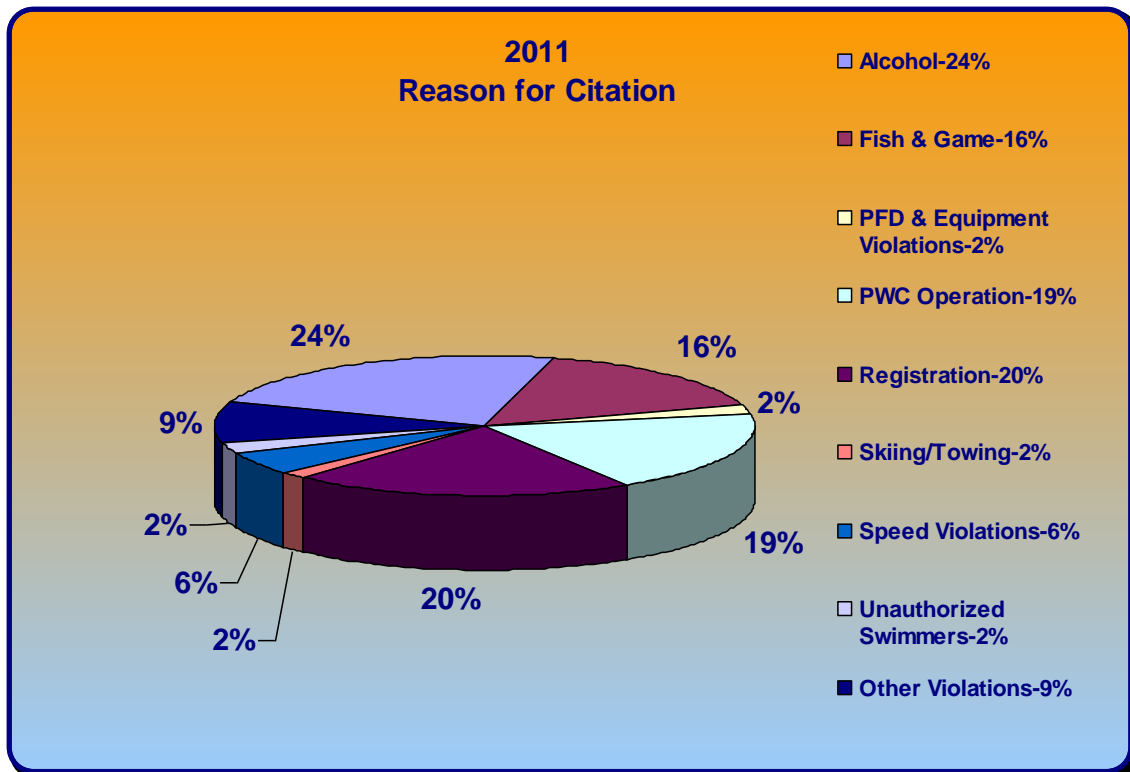
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Alcohol

In California and other states, intoxicated boat operators have caused serious boating accidents resulting in fatalities, injuries and damage to property. Some studies have estimated that alcohol is involved in approximately 25 percent of all motorboat-related fatalities. The County of Los Angeles has been very progressive in its efforts to limit the number of alcohol-related accidents and has established an ordinance that prohibits the consumption of alcohol in county parks.

Fish & Game

Lake Lifeguards may be called upon to enforce any of California's Fish & Game laws that pertain to the county lakes. These ordinances have been enacted to protect our diverse natural resources from poaching and overuse in order to ensure that they are available for future generations.



Equipment and PFD (Life jacket)

California law requires that all vessels carry certain equipment for safety reasons. Personal flotation devices (PFDs) or life jackets, and fire extinguishers are examples of items that are required by law to be carried onboard various types of vessels. These safety items are commonly referred to as carriage requirements and vary depending on the size and type of vessel. Lake Lifeguards are trained to recognize the different types and sizes of vessels and their respective carriage requirements.

Personal Watercraft Operation

Enforcement contacts in this category are often the most serious violations that Lake Lifeguards encounter. Many personal watercraft operating violations fall into the category of reckless operation which, by definition, is an act that endangers life, limb or property. Situations involving reckless operation are dealt with immediately and in a manner consistent with the nature of the infraction. The Department of Parks and Recreation has taken the additional precaution of creating designated areas and times for personal watercraft operators to utilize lake facilities separate from the rest of the recreational boating public.



Registration

Citations are issued to boaters who operate a vessel not currently registered through the Department of Motor Vehicles in accordance with the California Vehicle Code.

Skiing/Towing

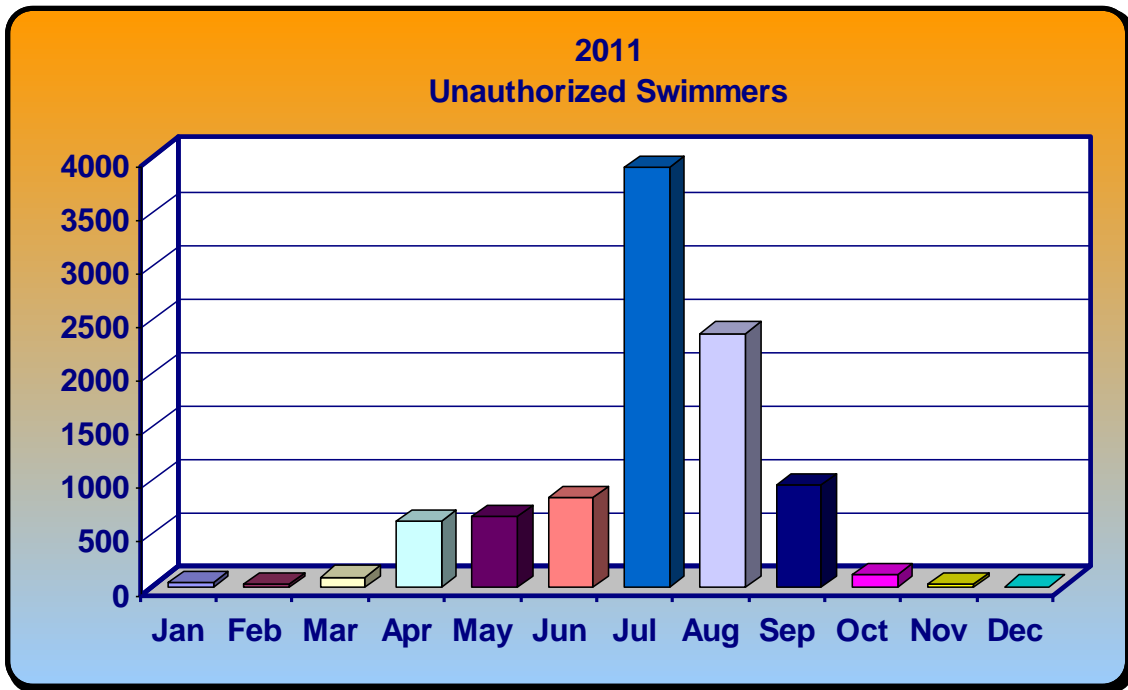
A person may participate in water skiing and towing of other devices in designated areas of the lake facilities only. Lifeguards monitor skiing activities to ensure that boaters comply with carriage requirements, direction of travel regulations, speed limits and other operational requirements specific to this activity.

Speed

Speed laws are enforced to prevent accidents and to ensure that large wakes do not damage vessels tied to docks. Speed limits are posted and vary at different sections of county lakes. All boaters must comply with these predetermined speed limits. The maximum speed for vessels on county lakes is 35 miles per hour.

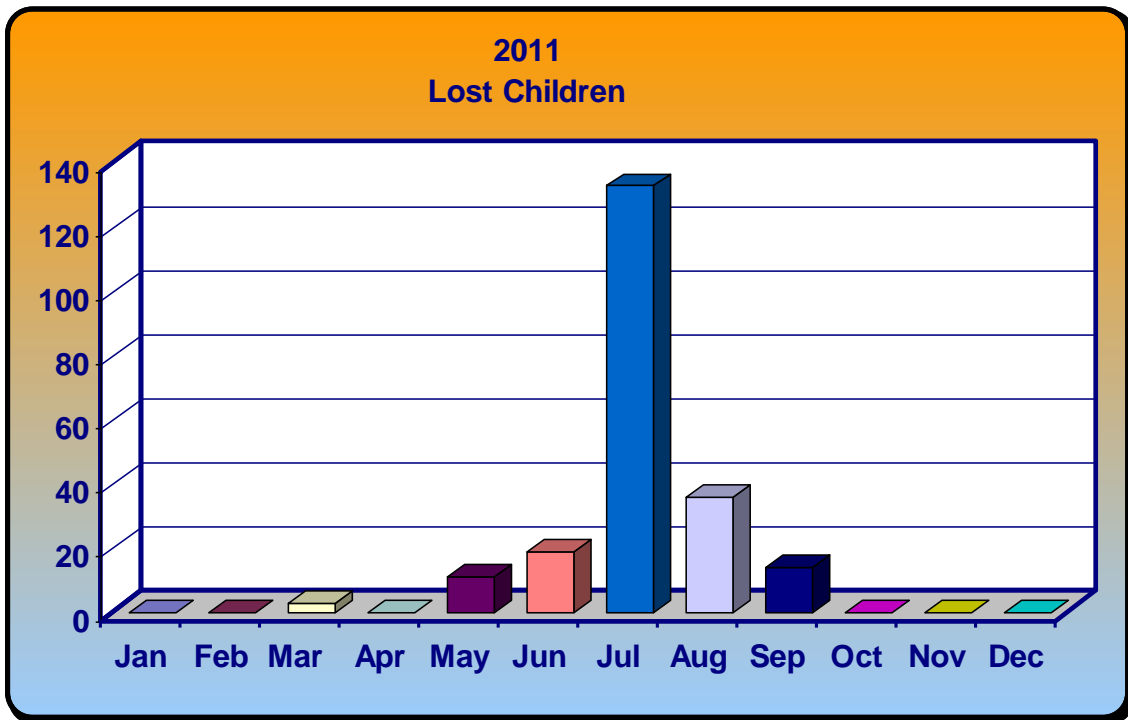
Unauthorized Swimming

Drowning is historically the most common cause of accidental death at county lakes. Actions that often lead to a drowning include a person overestimating his/her ability while swimming from the shoreline, trying to swim toward a boat that is being pushed by the wind faster than the victim can swim, and a weak or non-swimmer falling overboard. Accordingly, swimming in county lakes is only permitted in designated areas at designated times under the supervision of lifeguards.



Lost Children

Children who stray from their parents/families are a common occurrence at the lake's busy swimming beaches. Unattended children present an increased hazard in an aquatic environment, and lifeguards take great care to ensure that they are located and safely reunited with their parents/families.



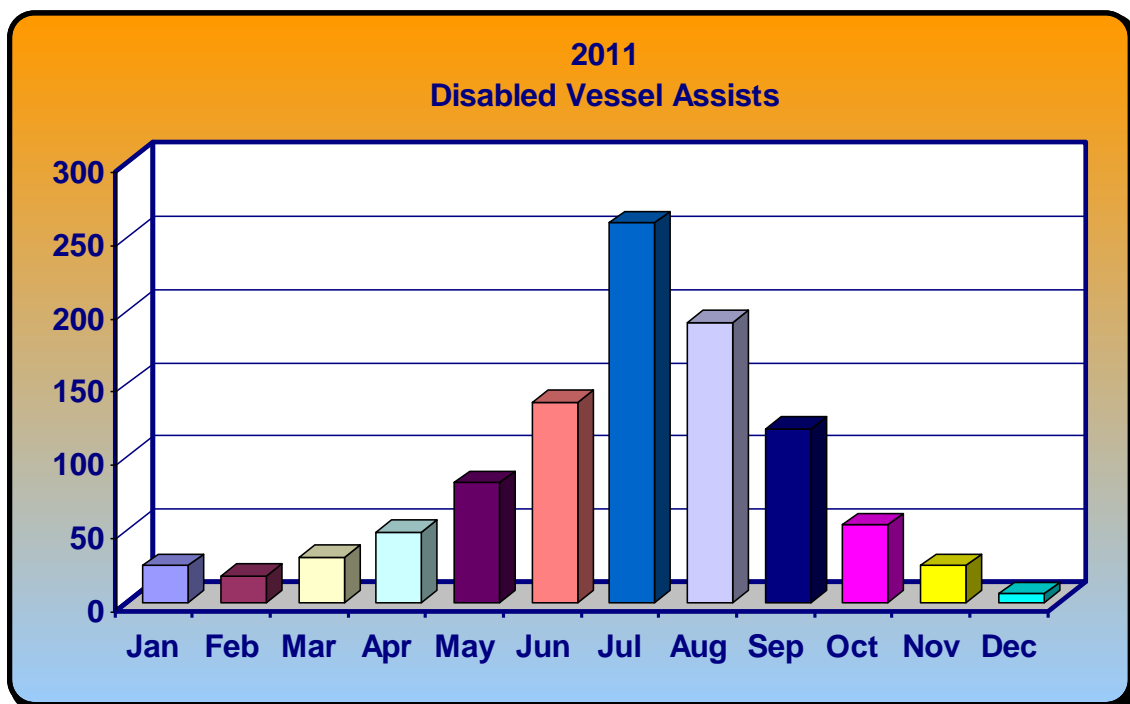
ANALYSIS OF VESSEL ASSISTS

The Department's Lake Lifeguards respond to all requests for vessel assistance including distressed boats, vessel fires, and righting, towing and recovering sinking boats. The lake lifeguards responded to over 3000 calls for assistance by boaters in 2011.



Disabled Vessel Assists

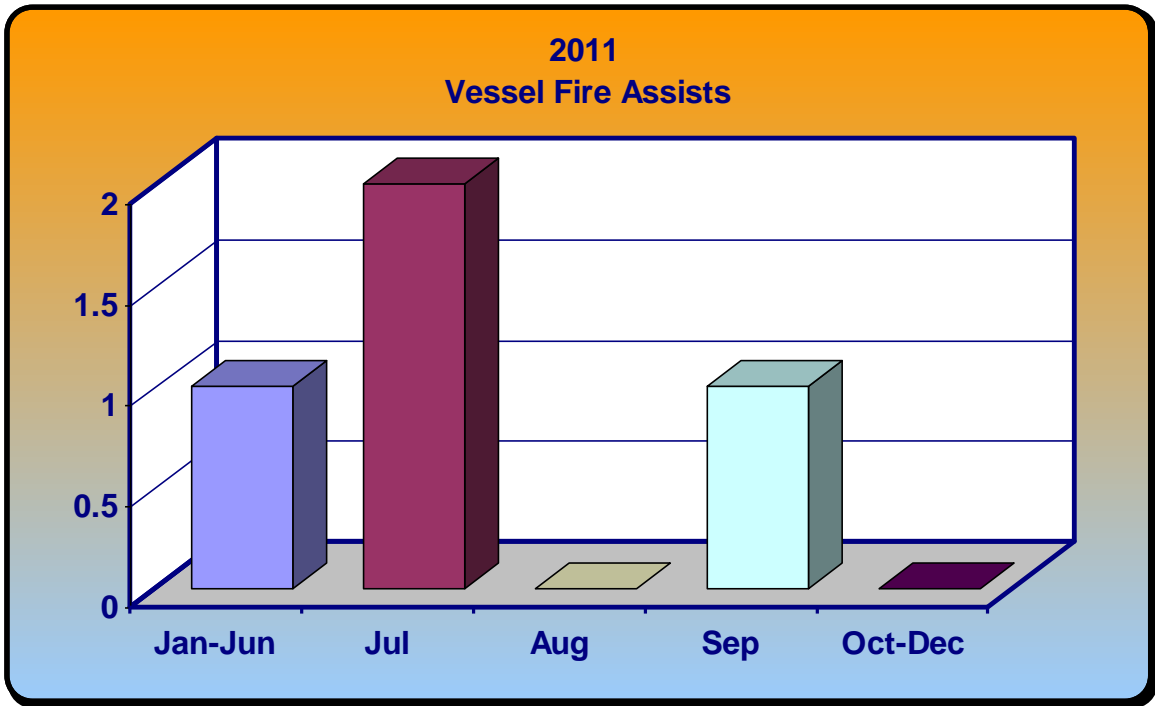
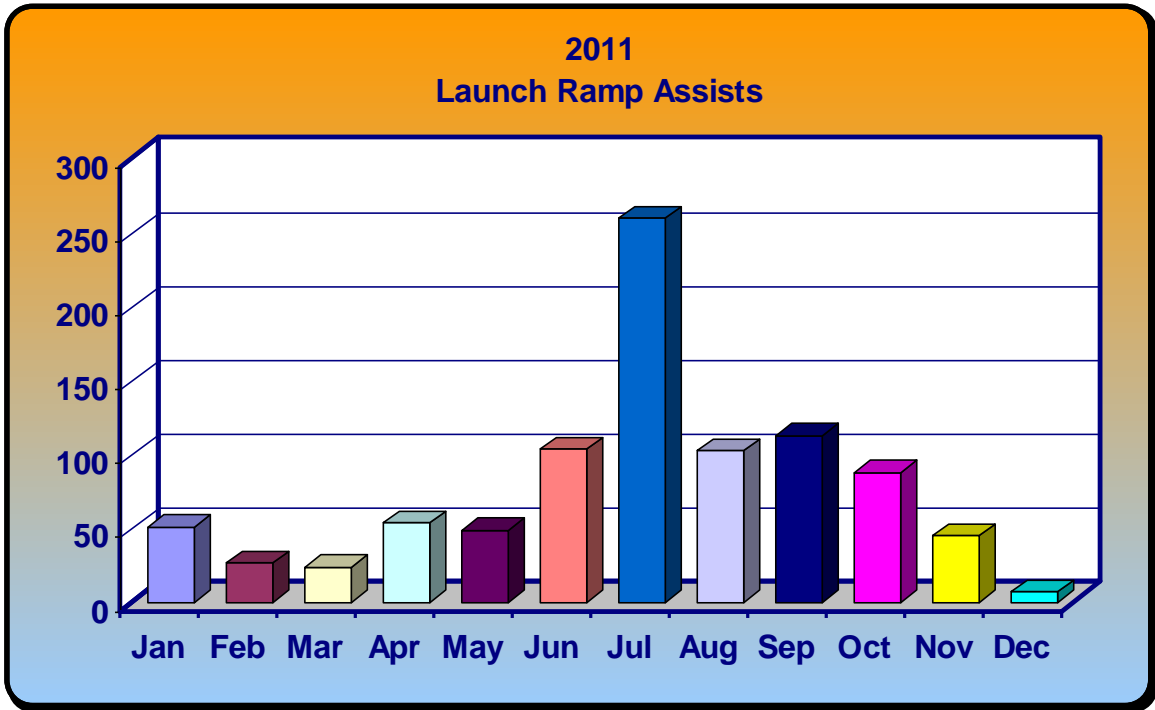
These are defined as the assisting of a vessel not in immediate danger, but one that is unable, under its own power, to reach the intended destination or the shoreline. In 2010, Lake Lifeguard rescue/patrol vessels acted upon 996 such incidents.



Launch Ramp Assists

Lifeguards regularly monitor the launch ramps at county lake boating facilities due to the frequency of incidents that occur in these areas. The lifeguards are in a position to help prevent accidents, enforce alcohol restrictions, and ensure that boaters are in compliance with life jacket and carriage requirements, and they are readily available to answer questions regarding laws and ordinances.

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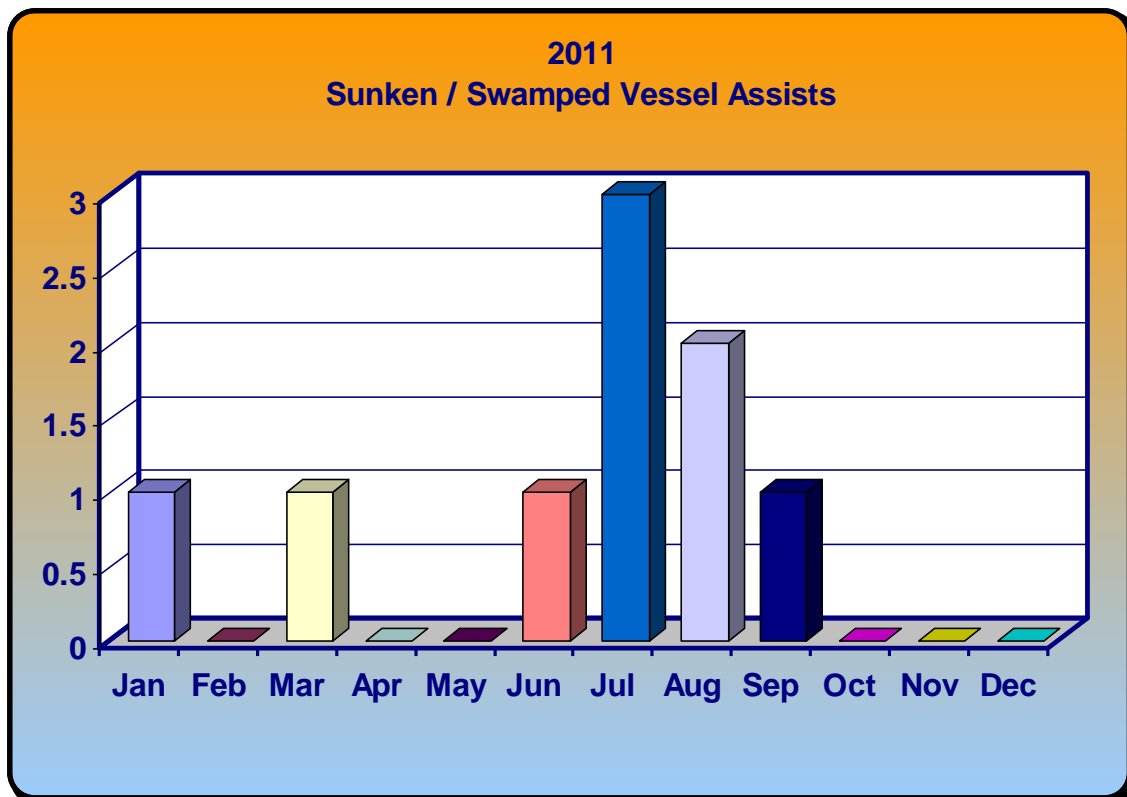
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Sunken/Swamped Vessels

When lifeguards come across a sinking or sunken vessel, the immediate priority is to rescue or recover any victims from the water. Once lifeguards establish that all passengers from the vessel are safe and accounted for, they will treat any injuries that may have occurred during the incident. Lifeguards may then perform a vessel recovery and salvage operation. Many factors can cause a vessel to take on water including hull damage, water over the stern of the boat or a boater who neglected to insert the vessel's plug prior to launching.



Senior Lake Lifeguard Manny Barrios performs a vessel salvage operation at Castaic Lake.



ANALYSIS OF MEDICAL AID

Lake Lifeguards are the primary providers of basic medical and emergency pre-hospital care within the areas that they serve. Each lake has well-equipped rescue vehicles and vessels that patrol all areas of the facility. The lakes are staffed by lifeguards certified as emergency medical technicians who are prepared to provide first-aid and basic life support.



Lifeguards treat a victim involved in a personal watercraft accident at Castaic Lake.

Lake Lifeguards employ a proactive patrol philosophy searching for dangers on the water and park areas surrounding the lakes. When a medical emergency occurs, rescue vehicles working in conjunction with the rescue/patrol boats respond quickly to the incident where lifeguards provide quality medical assistance in the field. When an emergency warrants a higher level of care, Lake Lifeguards work with local fire department paramedics to provide the best

possible treatment in the field and assist in the coordination of transportation of the injured to area hospitals.

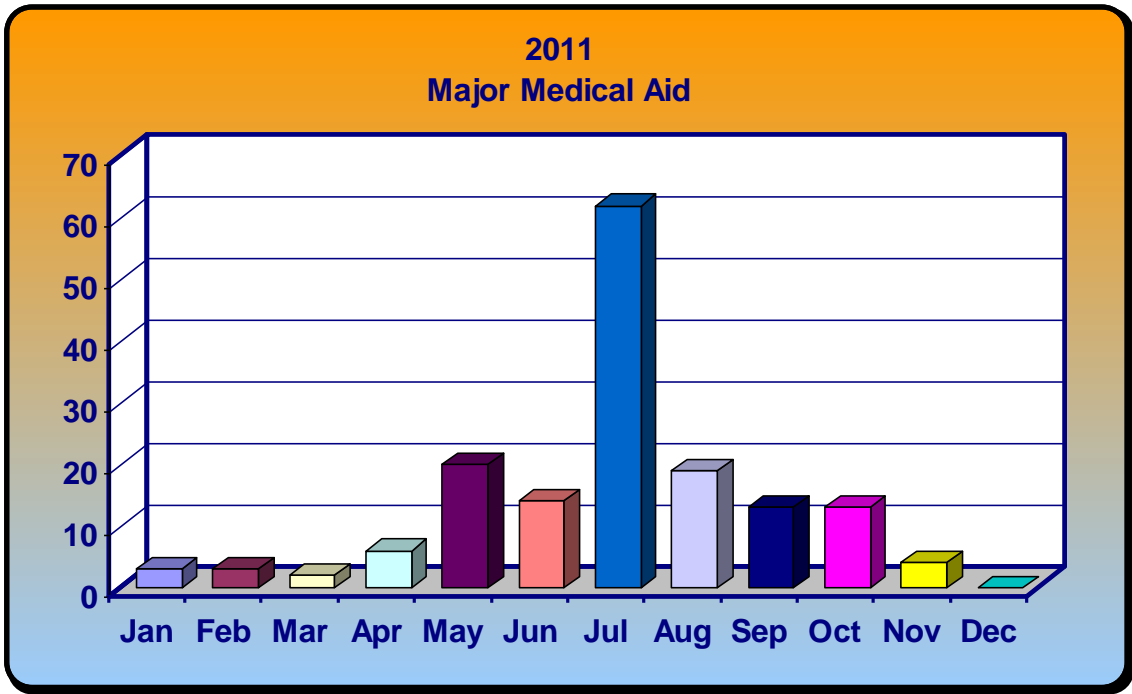


Lifeguards Oscar Villagomez, Alex Smith, and Edmund Baghumian prepare an injured patient for transport to a local hospital.

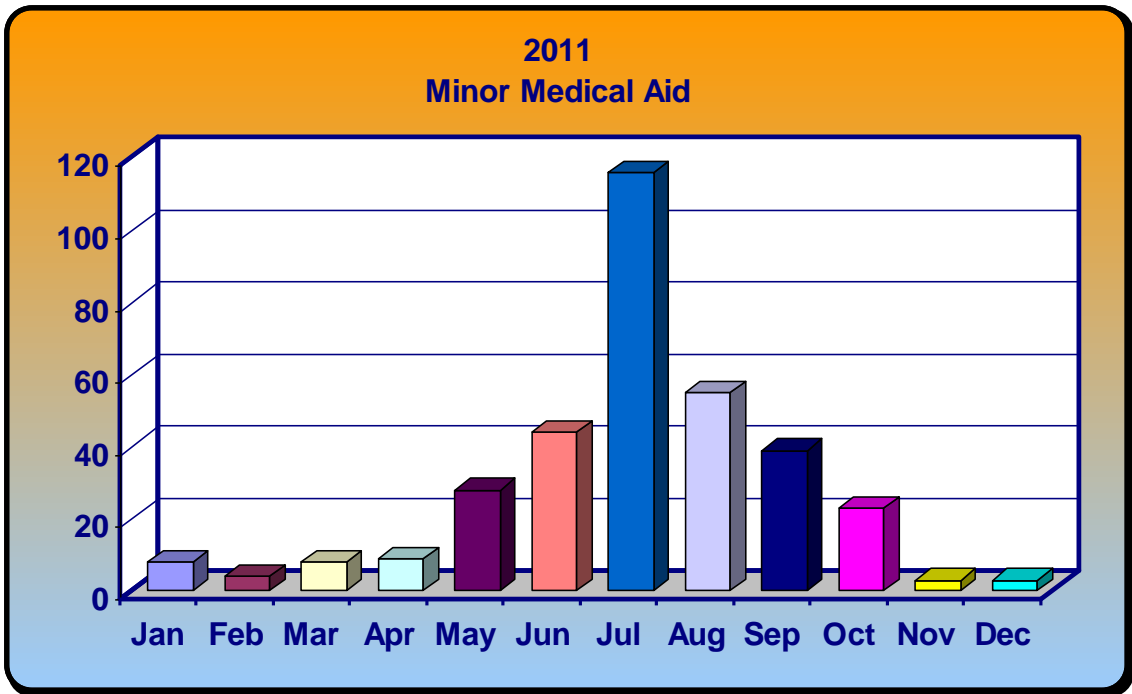
For the purposes of data collection, medical attention provided by lifeguards is recorded only if the incident is serious enough to warrant a written report of some nature. This does not include the act of distributing band-aids or similar first-aid supplies.

Major Medical Aid is defined as an incident in which the aid provided required further attention from higher levels of medical care such as paramedics, emergency transport or specialized medical response. In 2010, Lake Lifeguards acted upon 135 major first-aid calls.

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Minor Medical Aid is defined as a first-aid call that does not require a higher level of medical care beyond that level of service that the Lake Lifeguards can provide. In 2011, Lake Lifeguards acted upon 340 minor first-aid calls.



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ANALYSIS OF AQUATIC RESCUES

The Department's Lake Lifeguards deploy staff for the purpose of anticipating and performing aquatic rescues in the open water lake environment. Aquatic rescues are defined as incidents in which a person is judged to be in imminent peril, requiring direct physical intervention in the same environment in which the victim is struggling. The lifeguard's physical conditioning and use of specialized training and equipment such as rescue boats, rescue buoys, swim fins, and SCUBA gear are utilized to perform these duties.

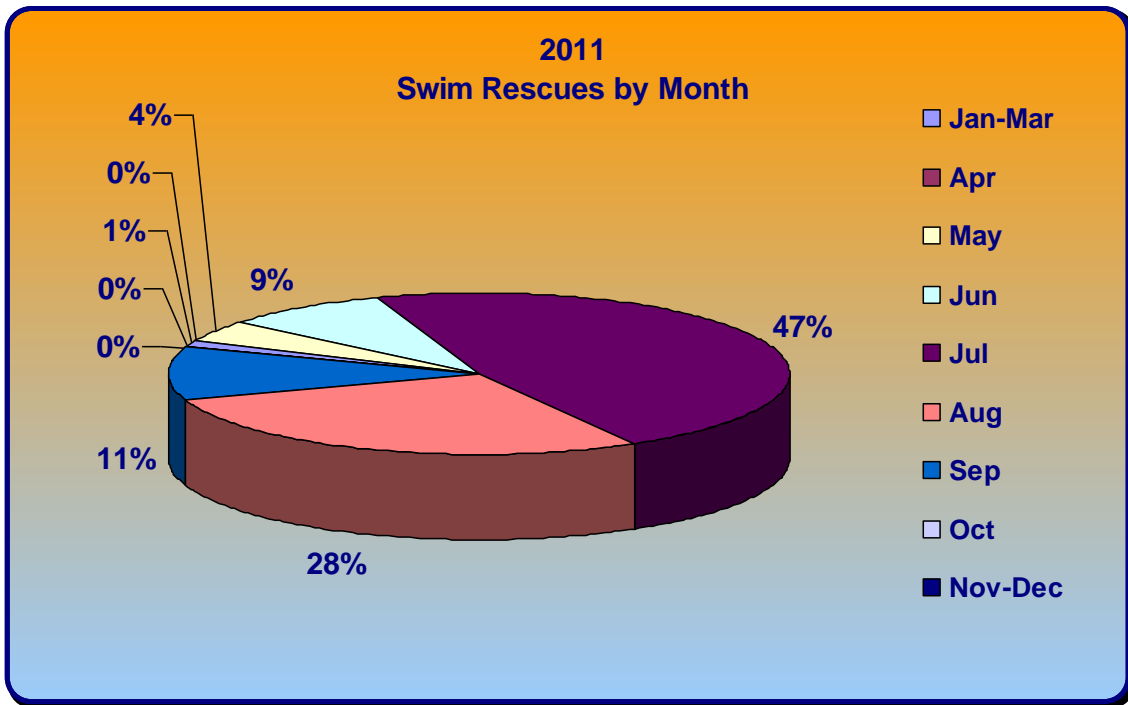


The Lake Lifeguards of the County of Los Angeles use a three-point surveillance system to quickly identify and perform rescues

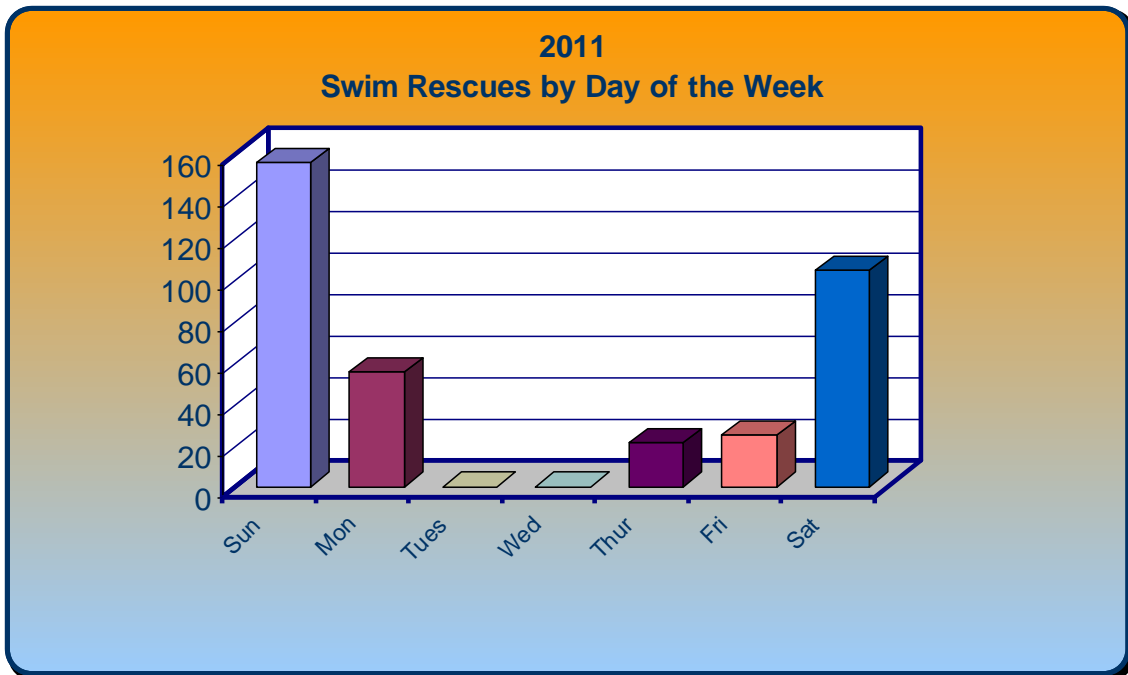


Lifeguards on paddleboards respond to a triple-rescue at Bonelli Park

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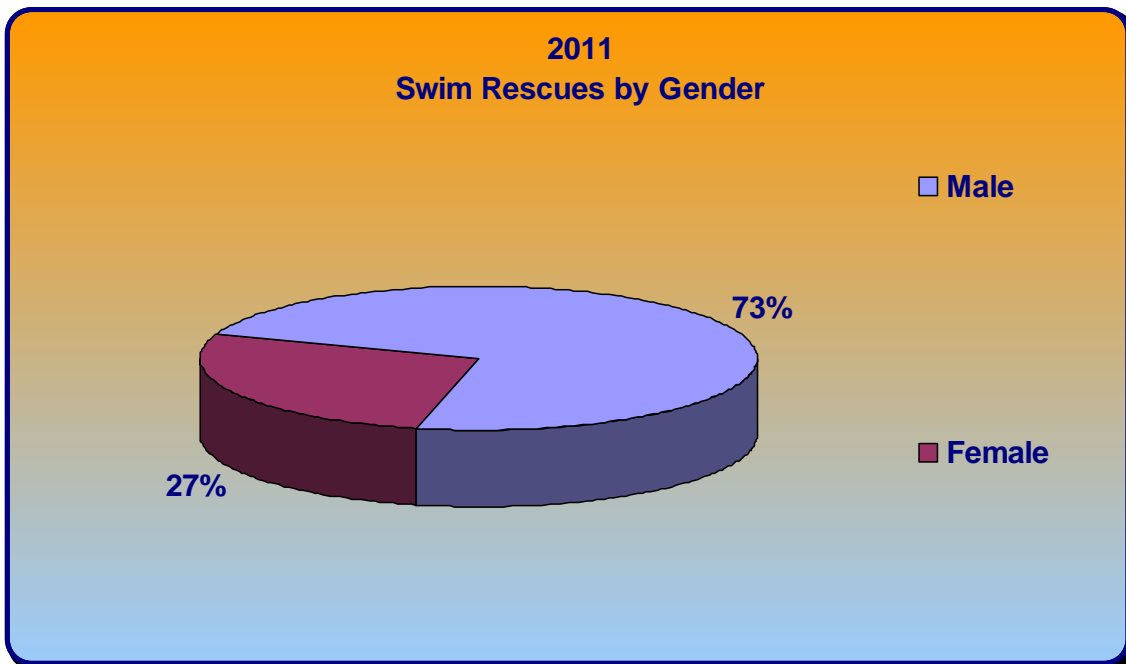
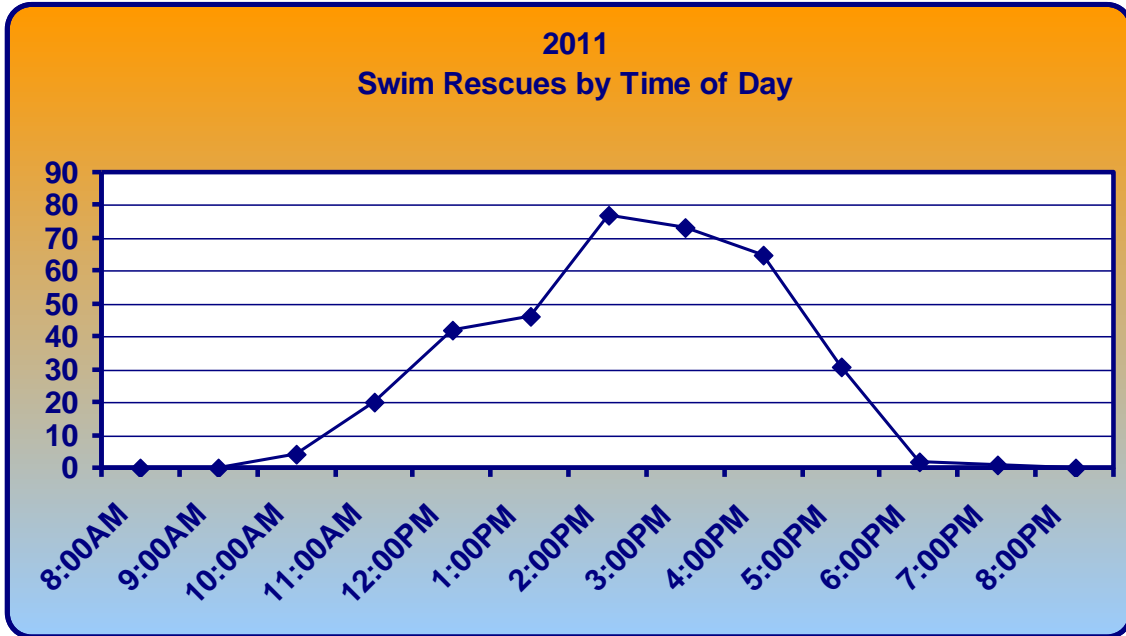
The Los Angeles County Lake Lifeguards protect some of the most heavily congested stretches of open water in the state. They are charged with providing for the safety of the public in and around the swim beach through vigilance, proactive preventative measures and through the knowledge and application of lifesaving skills. Over the past several decades, Lake Lifeguards have rescued many thousands of visitors.

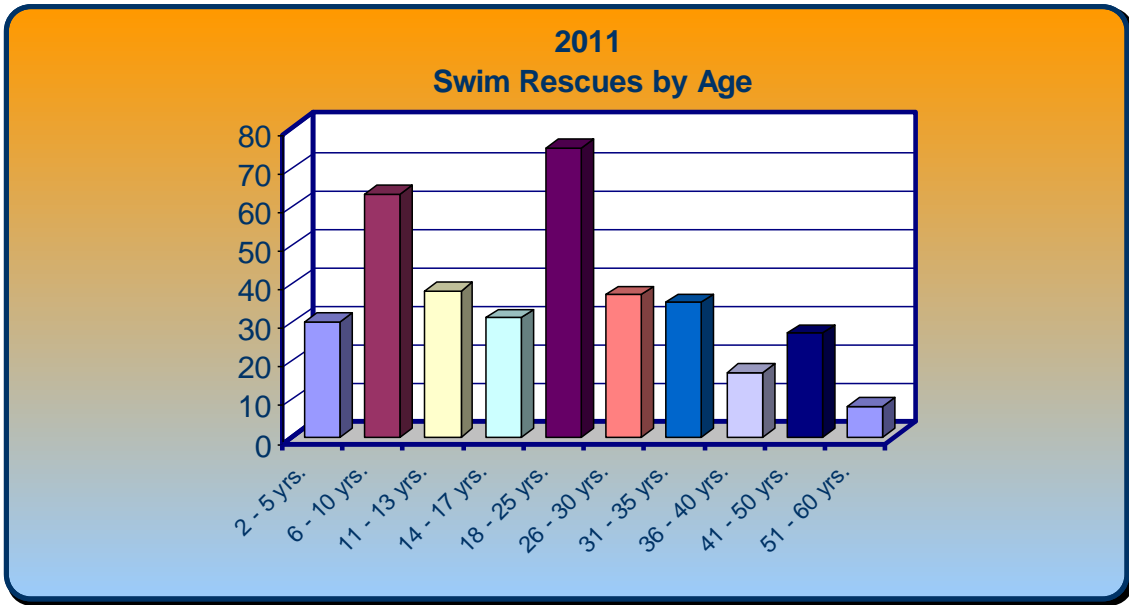


Both lake and ocean lifeguard operations present significant challenges. Without the surf and wave action of the coastline to give pause to those less experienced

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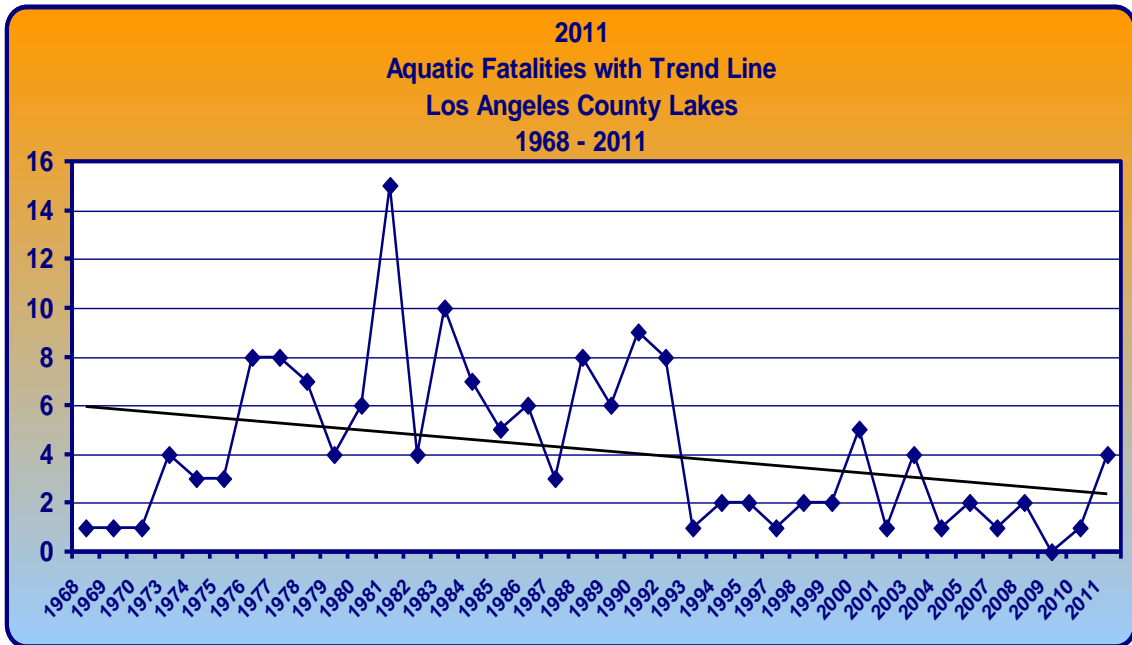
swimmers, the lakes provide for a challenging public safety environment. Poor swimmers, in the absence of intimidating surf, often exceed their capabilities. In lakes, rescues tend to develop quickly as people are less buoyant in fresh water. While an ocean lifeguard may observe a swimmer heading into heavy waves or a rip current, the Lake Lifeguard often has little or no warning that a patron is about to put himself in danger. Lake Lifeguards only have seconds to recognize and execute a rescue.





Impact of Lake Lifeguard Services

Over the years, Lake Lifeguards have been increasingly successful in preventing serious accidents at county lakes. This success can be attributed to a number of factors including increased public education, advancements in open water lake lifeguard training, the placement of lifeguards on paddleboards in the swimming areas, improved equipment and adjustments in staffing levels. Despite the natural growth of the surrounding population and an increased number of rescues performed, these proactive measures have resulted in significant reductions of drownings.

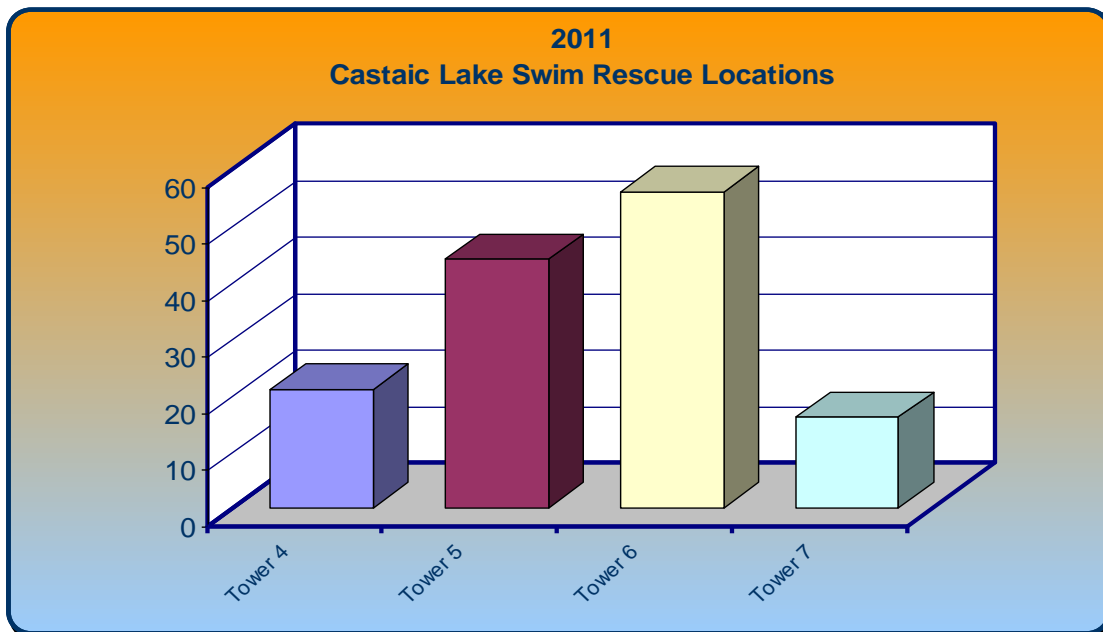
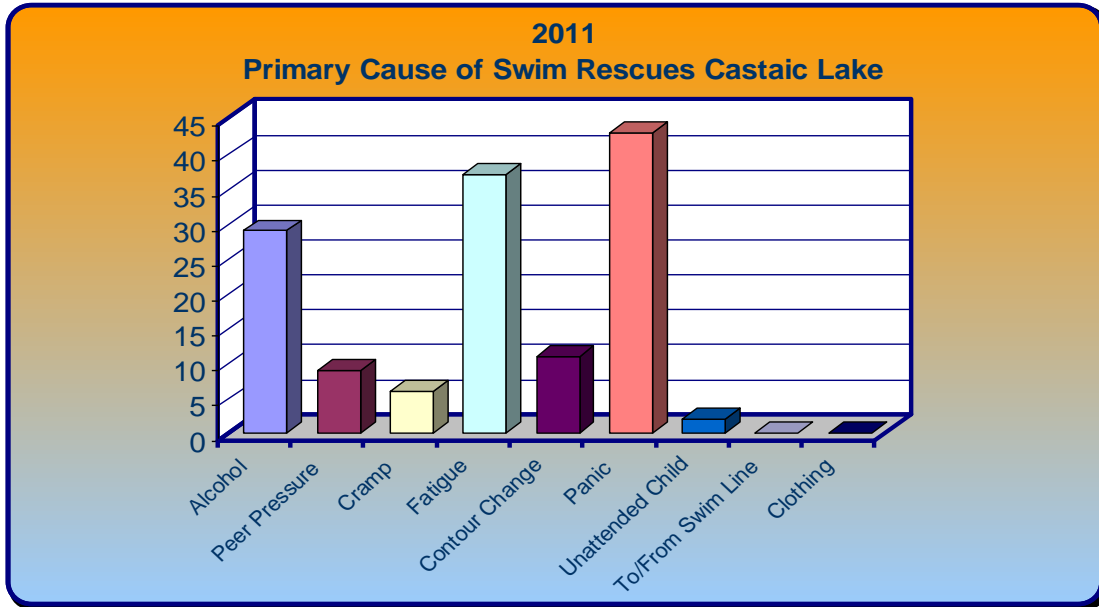


Primary Cause and Location of Aquatic Rescues

The geographic characteristics are different at each facility. As such, the primary cause and the locations of swim rescues have been presented according to the individual lake facility where the rescues occurred.

Castaic Lake

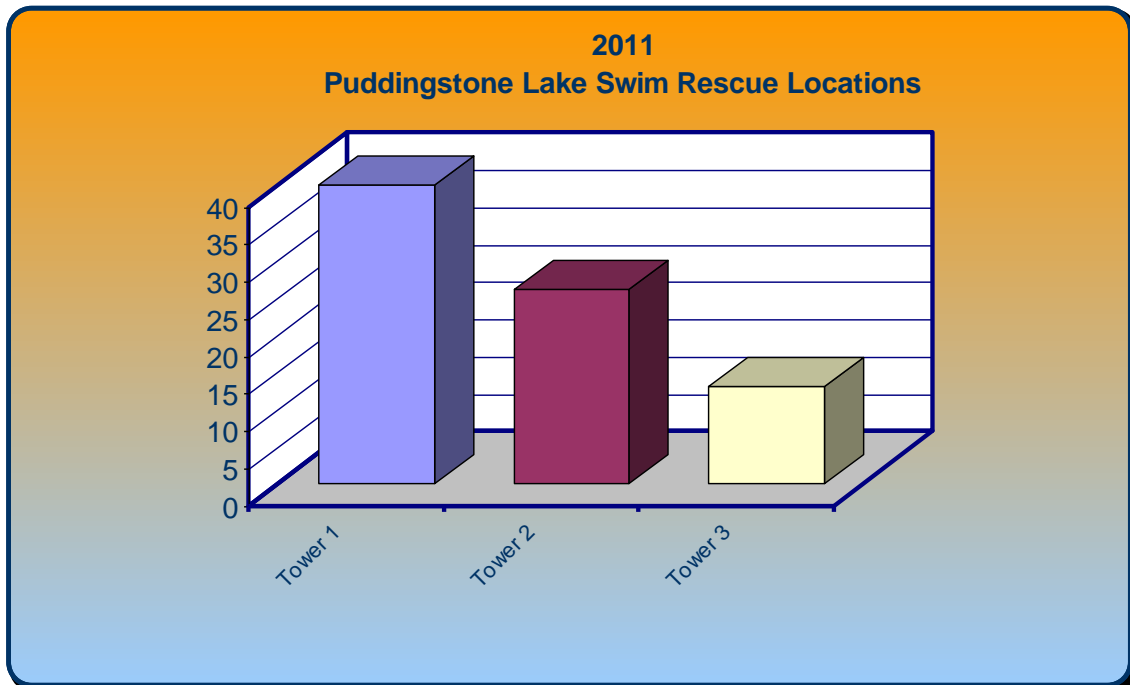
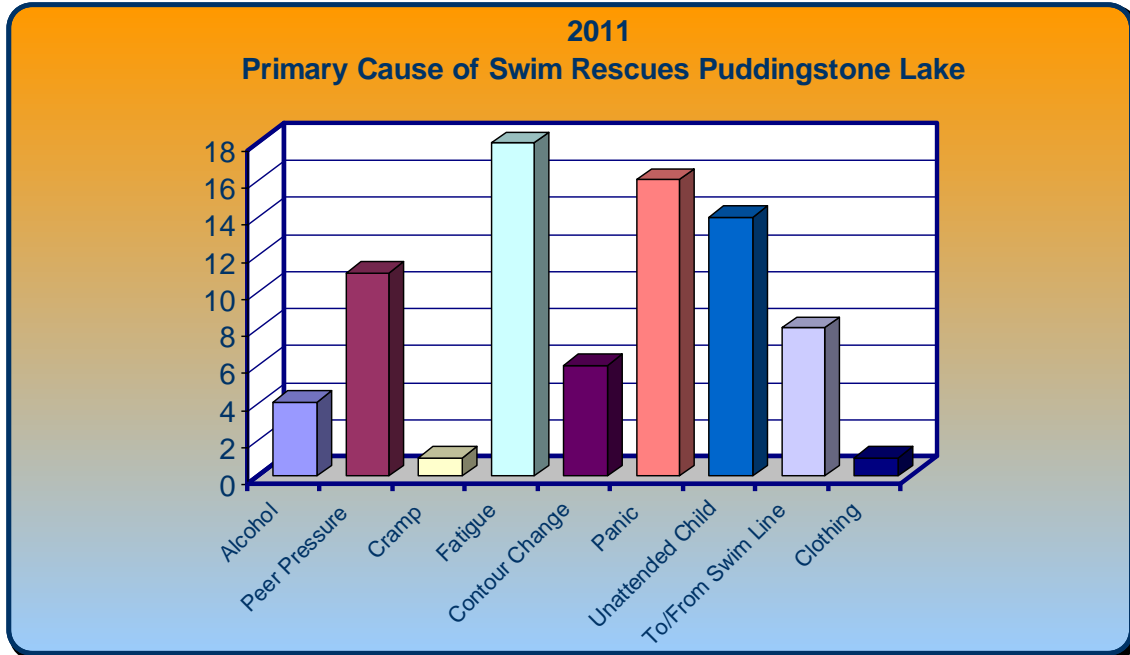
- 32 total miles of shoreline
- Main Lake, approximately 300 feet deep
- Lagoon, approximately 70 feet deep
- Over 700,000 visitors per year
- Heavy year-round boating activity, water skiing, bass fishing, PWC's, non-motorized boats, kayaks, windsurfing, Hobie cats.
- Seasonal Swim Beach Operation: 2 Beaches, 4 Towers, 30 feet deep at swim line.



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Puddingstone Lake/Bonelli Park

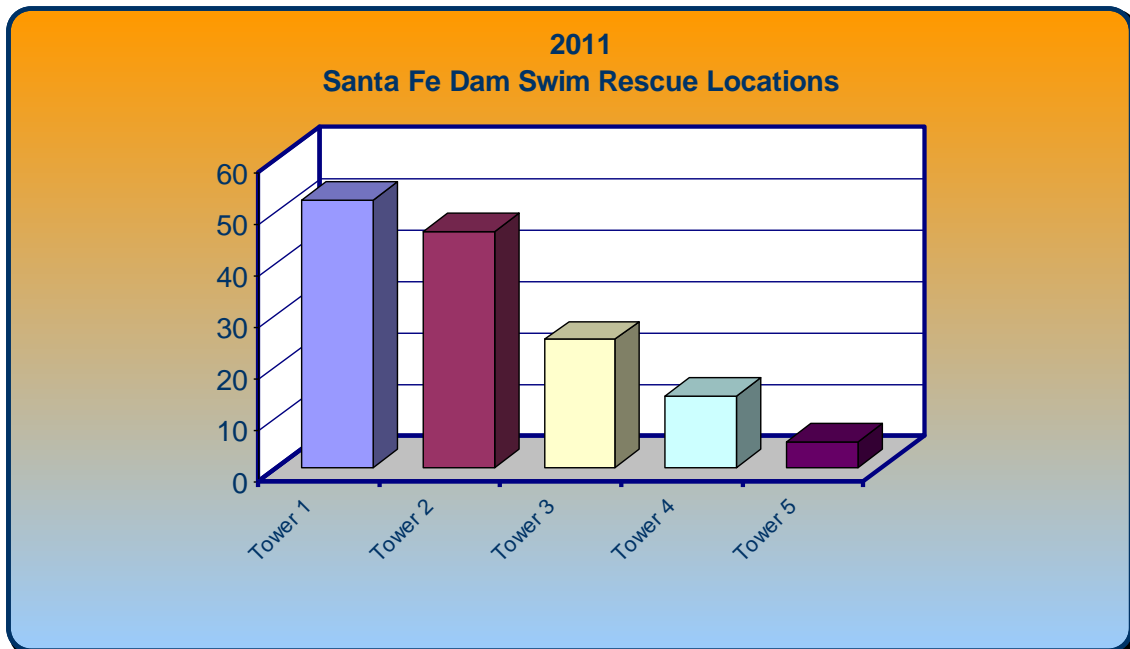
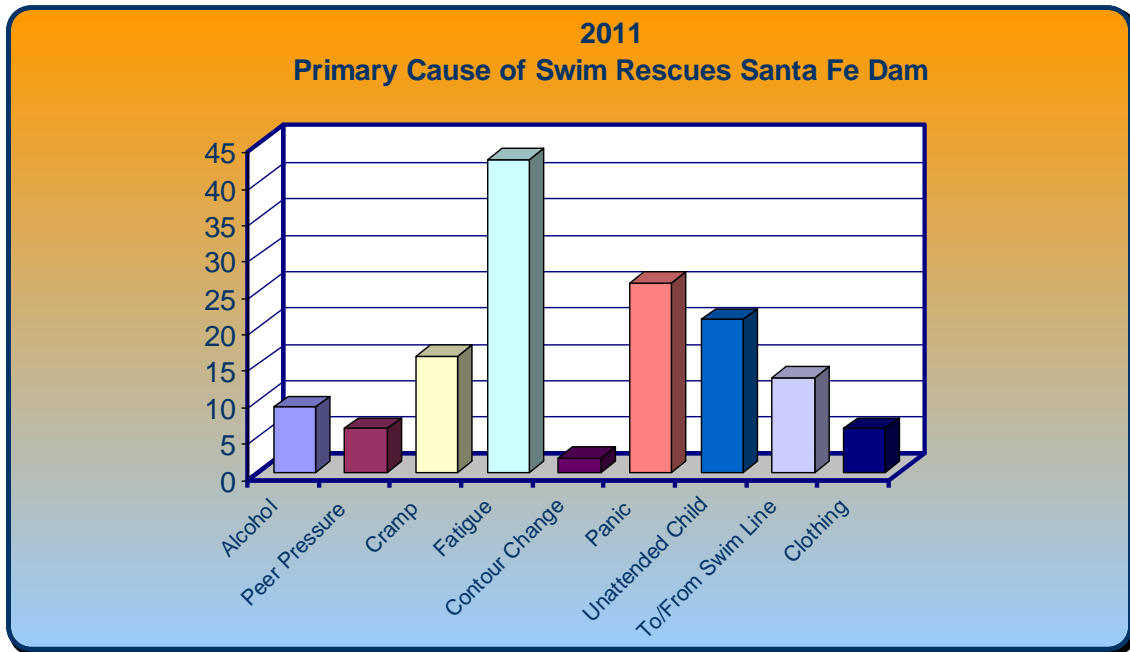
- 4.5 miles of shoreline, approximately 70 feet deep
- Over 500,000 visitors per year
- Moderate boating activity
- Water skiing, fishing, PWC's, Odd/Even System
- Seasonal Swim Beach Operation: 1 Beach, 3 Towers, 12 feet deep at swim line



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Santa Fe Dam

- 3 miles of shoreline, approximately 10 feet deep
- Over 400,000 visitors per year
- Minimal boating activity, non motor powered watercraft
- Seasonal Swim Beach Operation: 1 Beach, 5 Towers, swim area 9 feet deep at swim line



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SPECIAL OPERATIONS

Although the following special operations units are not utilized on a day-to-day basis, they are deployed to meet explicit challenges presented by environmental conditions, crowd levels, and weather or in response to a specific incident.

Underwater Rescue and Recovery Unit

A dive team is in place at each of the three lakes to provide underwater emergency search and recovery work. All dive team members are emergency medical technicians, possess SCUBA certifications and must pass a comprehensive examination reviewing diving medicine, diving physics and underwater problem solving. Many team members are certified as SCUBA instructors. The Lake Lifeguard Dive Team conducts regular exercises to remain familiar with the underwater topography of the lakes and practices various search and rescue techniques. Dive Team members must undergo an annual re-certification consisting of a SCUBA skills review and an arduous physical examination. The Dive Team is on call ready to respond to any underwater emergency county-wide. Supporting the dive team are many highly dedicated Lake Lifeguards that serve as auxiliary dive team members.



Bike Patrol Unit



Bike Patrol is a high-profile addition to the lifeguard operation at Puddingstone Lake and Santa Fe Dam. This unit was created to enable lifeguards to access the difficult terrain surrounding the lake where unauthorized swimmers and other hazardous situations exist. It also enables lifeguards to travel through areas with heavy pedestrian traffic that can be difficult to access with a rescue vehicle. Bike Patrol has been very valuable in providing crowd control in emergencies, staffing for special events and patrolling the San Gabriel River adjacent to Santa Fe Dam during periods of heavy water flow. The Bike Patrol has also proven to be an important public relations tool whereby lifeguards provide safety education and enforcement, public information and a more rapid response time to emergencies.

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Swift Water Rescue Unit

The Department's Lake Lifeguards are trained in swift water rescue and add to the existing swift water rescue teams trained and deployed by the fire department during heavy rains and periods of flooding. Their knowledge and skill in the water, combined with their strategic locations on some of the County's more dangerous waterways, make them ideally suited to this assignment. Lake Lifeguards collaborate with the Los Angeles County Department of Public Works to patrol the San Gabriel River adjacent to Santa Fe Dam when water is released from the upstream reservoirs.



Steve Dixon, Derek Elleri, Jim Hughes & Steve Evans
LACo. Multi-Agency SWR Exercise in 2005

RESOURCE ALLOCATION

Staff Resources	Castaic Lake	Puddingstone Lake	Santa Fe Dam	Total
Chief Lake Lifeguard				1
Lake Aquatics Manger	1	1	0	2
Supervisor Lake Lifeguard	2	1	2	5
Senior Lake Lifeguard	9	6	3	18
Senior Lake Lifeguard (Seasonal)	3	4	3	10
Lake Lifeguard (Seasonal)	72	62	47	181
Total Lifeguard Personnel	87	74	55	217
Certifications				
EMT Certified Lifeguards	41	39	17	97
SCUBA certified Lifeguards	45	21	16	82
Underwater Unit	6	4	3	13

STAFF RESOURCES ARE ALLOCATED ACCORDING TO THE LEVEL OF BOATING AND SWIMMING ACTIVITY AT EACH FACILITY

Capital Resources	Castaic Lake	Puddingstone Lake	Santa Fe Dam	Total
Lifeguard Vehicles	8	2	2	12
Lifeguard Vessels	11	4	3	18

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JUNIOR LAKE LIFEGUARD PROGRAMS

There were 1030 Junior Lake Lifeguard participants in 2011. Many former junior lifeguards applied for the lake lifeguard academy in the spring of 2011 and became actual lake lifeguards, fulfilling one of the main goals of the program.

The Junior Lake Lifeguard Programs at all three lakes run from mid-June through mid-August and are broken up into two 4-week sessions. Session days are Monday through Thursday, generally 5-6 hours a day. Participants must be between the ages of 9 and 17 years of age. For the safety of the participants, every child must pass a swim proficiency exam in order to join the program.

During the 4-week session, Junior Lifeguards participate in a wide range of physically and mentally challenging activities. Long distance swimming, paddle boarding, and the run/swim/run event are a few of the most popular activities. While long distance running is not the most popular activity, participants become well conditioned and rise to the challenge.

In order to promote safety and inspire participants to take the Lake Lifeguard exam as adults, children are taught first aid, CPR, lifeguarding skills as well as search and rescue. Participants learn proper tower, beach and paddle board rescue techniques. The 9 to 11 year old participants are educated in general first aid and adult CPR. The 12 to 15 year old participants are certified through the Red Cross in first aid and adult CPR. The 16 and 17 year old Junior Lifeguards are certified through the Red Cross in adult, child and infant CPR; first aid and lifeguarding, allowing them the opportunity to work as paid lifeguards for pools and water parks.

At the end of the program, all three lakes come together at a hosting facility for a Junior Lake Lifeguard Competition. Participants compete in individual and team events and the winners are recognized for their outstanding performance.



FUTURE CHALLENGES

As we look to the future, the present financial challenges we are facing cannot be ignored. There has been an unprecedented economic downturn that has resulted in a significant loss of revenue for the County of Los Angeles. Despite these challenges, the County's Lake Lifeguards continue to uphold the highest standards of the lifesaving profession by maintaining credentials as an *Advanced Lifeguard Agency* through the United States Lifesaving Association and actively participating in the state *Boating Law Enforcement Training Program* coordinated by the California Department of Boating and Waterways.

Lifeguards are the most efficient public safety agency in the County because we have the unique ability to expand our staffing levels during the peak season and dramatically decrease our staffing levels in the off season.

The Lake Lifeguards of the Department of Parks and Recreation are a highly trained group of men and women who are dedicated to providing the maximum level of aquatic safety and rescue services to the visitors of Los Angeles County's inland lakes. It is through public education, vigilance, and the utilization of a thorough knowledge of boating and lifesaving skills that the Los Angeles County Lake Lifeguards continue their commitment to professional and high-quality service to the residents of Los Angeles County.



Vessel in Distress (Circa 1970's at Puddingstone)

Appendix

(ii) – 2011 TOTAL LAKE LIFEGUARD MONTHLY ACTIVITY REPORT

ACTIVITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Aquatic Rescues													
Swim Rescues	0	1	3	0	16	31	170	101	38	4	0	0	364
Beach Attendance	0	0	0	0	8633	23070	97119	56506	23076	0	0	0	208404
Preventative Actions	771	613	765	1228	5755	6591	26887	13319	6856	1138	634	287	64844
Medical Aids													
Major First Aids	3	3	2	6	27	20	133	45	13	6	4	0	262
Resuscitations	1	0	0	0	1	0	0	0	0	2	0	0	4
Near Drowning	0	0	0	0	1	0	0	0	0	0	0	0	1
Minor First Aids	8	4	8	9	28	44	116	55	39	23	3	3	340
Shoreline Fires	0	0	0	0	0	0	0	1	0	0	0	0	1
Vessels													
Sunken/Swamped Vessels	1	0	1	0	0	1	3	2	1	0	0	0	9
Vessel Collisions	0	0	0	0	0	1	3	1	1	1	0	0	7
Vessels Aground	0	0	0	0	0	1	2	0	0	0	0	0	3
Vessels Capsized	0	0	1	0	0	2	6	1	3	0	0	0	13
Vessel Fires	0	0	1	0	0	0	2	0	1	0	0	0	4
Disabled Vessels	25	18	31	48	82	137	260	192	119	53	25	6	996
Vessel/Trailing Assists	103	65	88	88	92	72	144	101	84	51	46	6	940
Mechanical Assists	8	2	15	16	36	53	63	47	31	25	4	0	300
Launch Ramp Assists	51	27	24	54	49	104	260	103	113	88	45	7	925
Law Enforcement													
Enforcement Contacts	278	209	370	805	5584	6992	27961	14163	6213	661	272	147	63655
Patron Contact Info Given	317	326	362	564	1741	2365	6356	4780	1601	471	311	123	19317
Citations Issued	5	0	2	2	14	12	43	55	27	19	7	2	188
Vessels Evicted	35	3	15	327	381	526	2386	1466	352	43	6	7	108
Unauthorized Swimmers	4	22	77	291	295	316	1571	916	602	78	26	16	9639
Arrests	0	0	0	0	0	0	2	1	0	1	0	0	4
Auto Recoveries	0	1	0	0	0	0	0	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	1	0	0	3	0	0	4
Drowning-Guarded	0	0	0	0	0	0	0	0	0	0	0	0	0
Drowning-Unguarded	0	0	0	0	0	0	1	0	0	0	0	0	1
Lost Children/Parents	0	0	3	0	11	19	133	36	14	0	0	0	216
Programs	0	0	0	0	0	0	0	0	0	0	0	0	0
Junior Lifeguards	0	0	0	0	0	536	494	0	0	0	0	0	1030
Other Programs	0	0	0	50	300	1192	1316	1136	670	320	0	0	4984

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(ii) – 2011 CASTAIC LAKE TOTAL MONTHLY ACTIVITY REPORT

ACTIVITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Aquatic Rescues													
Swim Beach Rescues	0	0	0	0	9	11	82	31	4	0	0	0	137
Lake Rescues	0	0	0	0	0	0	0	0	0	0	0	0	0
Beach Attendance	0	0	0	0	5,500	15,800	51,300	28,686	12,630	0	0	0	113,916
Preventative Actions	538	433	555	1,005	4,269	4,875	20,064	9,111	5,711	980	458	115	48,114
Medical Aids													
Major First Aids	0	0	0	0	9	11	82	31	4	0	0	0	137
Resuscitations	0	0	0	0	1	0	0	0	0	0	0	0	1
Near Drowning	0	0	0	0	1	0	0	0	0	0	0	0	1
Minor First Aids	0	0	2	6	6	24	39	24	16	17	0	1	135
Shoreline Fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Vessels													
Sunken/Swamped Vessels	1	0	0	0	0	1	3	1	1	0	0	0	7
Vessel Collisions	0	0	0	0	0	1	2	0	0	0	0	0	3
Vessels Aground	0	0	0	0	0	1	2	0	0	0	0	0	3
Vessels Capsized	0	0	0	0	0	0	6	0	2	0	0	0	8
Vessel Fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Disabled Vessels	14	11	18	41	59	90	138	90	86	39	18	3	607
Vessel/Trailing Assists	70	8	20	84	77	55	88	50	68	40	46	5	611
Mechanical Assists	7	2	14	16	30	50	54	41	27	25	4	0	270
Launch Ramp Assists	49	27	21	50	47	103	234	100	106	85	45	6	873
Law Enforcement													
Enforcement Contacts	187	115	254	614	3709	4,478	19,163	8,661	4,766	485	136	51	42,619
Patron Contact Info Given	207	297	321	468	618	905	1,507	1,415	648	427	245	74	7,132
Citations Issued	2	0	0	1	5	7	15	21	10	5	3	0	69
Vessels Evicted	0	3	0	2	2	3	26	8	4	7	0	0	55
Unauthorized Swimmers	2	22	77	284	282	311	1,559	909	599	78	24	14	4,147
Arrests	0	0	0	0	0	0	2	1	0	1	0	0	4
Auto Recoveries	0	1	0	0	0	0	0	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	1	0	0	0	0	0	1
Drowning-Guarded	0	0	0	0	0	0	0	0	0	0	0	0	0
Drowning-Unguarded	0	0	0	0	0	0	1	0	0	0	0	0	1
Lost Children/Parents	0	0	0	0	1	0	14	4	3	0	0	0	22
Programs													
Junior Lifeguards	0	0	0	0	0	326	326	0	0	0	0	0	652
Moonlight Kayak Class						12	32	32					76
Kayak Camping													0
Open Water Swim						240	240	240	240	240			1200
CAST for Kids										80			80
Night Float Tube				50	50	50	50	50	50				300
Dept. Moonlight Kayaking													0
Splash In The Water						300	300	120					720
Moonlight Fishing					250	250	250	250					1000
Night Bass Tournament						100	100	100	100				400
SUP Clinics						140	144	144	80				508
Kayak Clinics						100	200	200	200				700

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(iii) – 2011 PUDDINGSTONE LAKE TOTAL MONTHLY ACTIVITY REPORT

ACTIVITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Aquatic Rescues													
Swim Beach Rescues	0	1	3	0	2	8	25	26	16	0	0	0	81
Lake Rescues	0	0	0	0	0	0	0	0	0	3	0	0	3
Beach Attendance	0	0	0	0	1000	4082	27698	18210	5890	0	0	0	56880
Preventative Actions	10	41	39	67	142	114	167	81	53	21	18	21	774
Medical Aids													
Major First Aids	3	1	2	3	9	5	30	4	2	5	4	0	68
Resuscitations	1	0	0	0	0	0	0	0	0	2	0	0	3
Near Drowning	0	0	0	0	0	0	0	0	0	0	0	0	0
Minor First Aids	2	3	4	1	12	9	41	9	10	3	2	0	96
Shoreline Fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Equestrian Accidents	0	0	0	0	0	0	0	0	1	0	0	0	1
Vessels													
Sunken/Swamped Vessels	0	0	1	0	0	0	0	1	0	0	0	0	2
Vessel Collisions	0	0	0	0	0	0	1	1	1	1	0	0	4
Vessels Aground	0	0	0	0	0	0	0	0	0	0	0	0	0
Vessels Capsized	0	0	1	0	0	2	0	1	1	0	0	0	5
Vessel Fires	0	0	1	0	0	0	2	0	1	0	0	0	4
Disabled Vessels	4	4	12	7	23	38	117	100	31	13	4	3	356
Vessel/Trailing Assists	1	1	2	3	12	17	56	48	16	11	0	1	168
Mechanical Assists	1	0	1	0	6	3	9	6	4	0	0	0	30
Launch Ramp Assists	2	0	3	4	2	1	26	3	7	3	0	1	52
Law Enforcement													
Enforcement Contacts	16	75	90	160	557	704	1,661	1126	336	147	82	72	5,026
Patron Contact Info Given	14	3	4	15	74	54	106	88	30	9	1	12	410
Citations Issued	3	0	2	0	9	4	19	32	13	13	4	2	101
Unauthorized Swimmers	0	0	12	5	80	179	767	485	117	26	0	0	1,671
Vessels Evicted	2	0	0	7	13	5	12	7	3	0	2	2	53
Arrests	0	0	0	0	0	0	0	0	0	0	0	0	0
Auto Recoveries	0	0	0	0	0	1	0	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0	0	0	3	0	0	3
Drowning-Guarded	0	0	0	0	0	0	0	0	0	0	0	0	0
Drowning-Unguarded	0	0	0	0	0	0	0	0	0	0	0	0	0
Lost Children/Parents	0	0	0	0	0	0	3	5	3	0	0	0	11
Programs													
Junior Lifeguards	0	0	0	0	0	134	105	0	0	0	0	0	239

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(iv) – 2011 SANTA FE DAM LAKE TOTAL MONTHLY ACTIVITY REPORT

ACTIVITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Aquatic Rescues													
Swim Beach Rescues	0	0	0	0	5	12	63	44	18	0	0	0	142
Lake Rescues	0	0	0	0	0	0	0	0	0	0	0	0	0
Beach Attendance	0	0	0	0	2,133	3,188	18,121	9,610	4,556	0	0	0	37,608
Preventative Actions	223	139	171	156	1,344	1,602	6,656	4,127	1092	137	158	151	15,956
Medical Aids													
Major First Aids	0	2	0	3	9	4	21	10	7	1	0	0	57
Resuscitations	0	0	0	0	0	0	0	0	0	0	0	0	0
Near Drowning	0	0	0	0	0	0	0	0	0	0	0	0	0
Minor First Aids	6	1	2	2	10	11	36	22	13	3	1	2	109
Shoreline Fires	0	0	0	0	0	0	0	1	0	0	0	0	1
Vessels													
Sunken/Swamped Vessels	0	0	0	0	0	0	0	0	0	0	0	0	0
Vessel Collisions	0	0	0	0	0	0	0	0	0	0	0	0	0
Vessels Aground	0	0	0	0	0	0	0	0	0	0	0	0	0
Vessels Capsized	0	0	0	0	0	0	0	0	0	0	0	0	0
Vessel Fires	0	0	0	0	0	0	0	0	0	0	0	0	0
Disabled Vessels	7	3	1	0	0	9	5	2	2	1	3	0	33
Vessel/Trailing Assists	32	56	66	1	3	0	0	3	0	0	0	0	161
Mechanical Assists	0	0	0	0	0	0	0	0	0	0	0	0	0
Launch Ramp Assists	0	0	0	0	0	0	0	0	0	0	0	0	0
Law Enforcement													
Enforcement Contacts	75.00	19.0 0	26.00	31.0 0	1,318 .00	1,810 .00	7,137. 00	4,376. 00	1,111 .00	29.0 0	54.0 0	24.0 0	16,010. 00
Patron Contact Info Given	96	26	37	81	1049	1,406	4,743	3,277	923	35	65	37	11,775
Citations Issued	0	0	0	1	0	1	9	2	4	1	0	0	18
Unauthorized Swimmers	35	0	3	320	299	344	1,593	973	231	10	6	7	3,821
Vessels Evicted	0	0	0	0	0	0	0	0	0	0	0	0	0
Arrests	0	0	0	0	0	0	0	0	0	0	0	0	0
Auto Recoveries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fatalities													
Drowning-Guarded	0	0	0	0	0	0	0	0	0	0	0	0	0
Drowning-Unguarded	0	0	0	0	0	0	0	0	0	0	0	0	0
Lost Children/Parents	0	0	3	0	10	19	116	27	8	0	0	0	183
Programs													
Junior Lifeguards	0	0	0	0	0	76	63	0	0	0	0	0	139

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(v) 2011 -CASTAIC LAKE- LASD PARKS BUREAU ACTIVITY

On December 15th 2009, the Los Angeles County Board of Supervisors voted to disband the Office of Public Safety and to have the Sheriff’s Department assume the responsibility of providing law enforcement services at all County parks, golf courses and recreation areas that comprise the Los Angeles County Department of Parks and Recreation. A specialized enforcement detail on Castaic Lake provides water safety and enforcement with increased enforcement during the peak operating times.



Both the Department of Parks and Recreation Lake Lifeguards, and the Los Angeles County Sheriff’s Department Parks Bureau have important resources to contribute and work hand-in-hand to provide an optimal public safety presence for our park visitors.

**This figure may include some citations not directly associated with aquatic safety such as vehicle registration and parking tickets.*

Los Angeles County Sheriff’s Department Parks Bureau 2011 Boating Law Enforcement and Rescue Activity			
Castaic Lake Activity	TOTALS	Castaic Lake Activity	TOTALS
Law Enforcement		Vessel Assists:	
Enforcement Contacts	4620	Disabled Vessels	59
Evictions		Vessel Mechanical Asst.	75
*Citations	308	Launch Ramp Assists	692
Arrests	22	Collisions	0
Fish & Game Inspections	1469	Capsized	1
PC Info Given	15	Fires	0
Vessel inspections	378	Value of Vessels	\$950,000
Rescue Activity:		Medical Aids:	
Swimming Rescues	0	Major Medicals	1
Preventative Actions	452	Minor First Aids	12
Unauthorized Swimmers	214	Resuscitations	0
Lost Persons	0		
Underwater Recoveries	0		
Auto Recoveries	0		