

County of Los Angeles 2009 Lake Boating Enforcement & Aquatic Safety Report



Lake Lifeguard Services
County of Los Angeles
Department of Parks and Recreation





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

Russ Guiney, Director

March 9, 2010

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 2009. 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

Sincerely,

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

Russ Guiney
Director

RG:HS:IP:ee

Table of Contents

Section	Page
Introduction	2
Inland Boating and Open Water Swimming Facilities	3
Castaic Lake	
Puddingstone Lake	
Santa Fe Dam	
Statistical Information	4-5
Data Collection Procedures	
Overall 2009 Highlights	
2008/2009 Total Activity Comparison	
Boating Safety & Enforcement Analysis	6-10
Enforcement Contacts	
Vessels Evicted	
Citations Issued	
Alcohol	
Fish and Game	
Equipment and PFD (Life Jacket)	
Personal Watercraft	
Registration	
Skiing/Towing	
Speed	
Lost Children	
Unauthorized Swimming	
Analysis of Vessel Assists	11-13
Disabled Vessel Assists	
Launch Ramp Assists	
Vessel Fires	
Sunken/Swamped Vessels	
Analysis of Medical Aid	14-15
Major Medical Aid	
Minor Medical Aid	
Analysis of Aquatic Rescues	16-20
Month	
Day of Week	
Time of Day	
Gender	
Age	
Impact of Lake Lifeguard Services	
Primary Cause and Location	20-22
Castaic Lake Data	
Puddingstone Lake/Bonelli Park Data	
Santa Fe Dam Data	
Special Operations	23-24
Underwater Search and Recovery Unit	
Bike Patrol Unit	
Swift Water Rescue Unit	
Resource Allocation	24
Junior Lake Lifeguard Programs	25
Future Challenges	26
Appendix	27-30
i Total Lake Lifeguard Monthly Activity Report	
ii Castaic Lake Total Monthly Activity Report	
iii Puddingstone Lake Total Monthly Activity Report	
iv Santa Fe Dam Total Monthly Activity Report	

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.

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 Main Lake and Lower Lagoon

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

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 Recreation Area

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 2009 Report.

Overall statistical highlights

- There were no aquatic fatalities at the county lakes in 2009.
- There was a 40% decrease from 2008 in unauthorized swimmers likely due to increased signage and a heightened public safety focus on lake swim beaches.
- Total enforcement contacts increased by 23% from 2008.
- There was a 33% decrease from 2008 in vessel accidents at the lake facilities.
- There was a 20% increase from 2008 in preventative actions taken by lifeguards.
- Both rescue activity and lake attendance remain consistent with 2008 levels despite having restricted swimming on Mondays, Tuesdays and Wednesdays beginning July 1st. Swimming areas noted an increase in attendance and rescue activity on Thursdays and Fridays compared to 2008.

2009 – 2008 TOTAL ACTIVITY COMPARISON

LOS ANGELES COUNTY LAKE LIFEGUARD SERVICES Boating Law Enforcement and Rescue Activity 2009/2008 Total Activity Comparison				
ACTIVITY:	2009 TOTALS		ACTIVITY:	
			2008 TOTALS	
Lake Attendance	1,751,719		Lake Attendance	1,728,341
Law Enforcement			Law Enforcement	
Enforcement Contacts	59,082		Enforcement Contacts	45,477
Evictions	208		Evictions	181
Citations	132		Citations	126
Arrests	0		Arrests	2
Rescue Activity:			Rescue Activity:	
Swimming Rescues	422		Swimming Rescues	432
Preventative Actions	55,307		Preventative Actions	44,137
Unauthorized Swimmers	10,732		Unauthorized Swimmers	17,790
Lost Persons	231		Lost Persons	199
Underwater Recoveries	0		Underwater Recoveries	2
Vessel Assists:			Vessel Assists:	
Disabled Vessels	983		Disabled Vessels	959
Vessel Mechanical Asst.	343		Vessel Mechanical Asst.	400
Launch Ramp Assists	678		Launch Ramp Assists	659
Collisions	12		Collisions	18
Capsized	32		Capsized	32
Fires	7		Fires	6
Medical Aids:			Medical Aids:	
Major Medicals	111		Major Medicals	150
Minor First Aids	382		Minor First Aids	499
Resuscitations	2		Resuscitations	0
Fatalities			Fatalities	
Drowning--Guarded	0		Drowning--Guarded	0
Drowning--Unguarded	0		Drowning--Unguarded	3
Fatalities Non Aquatic	3		Fatalities Non Aquatic	1

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.

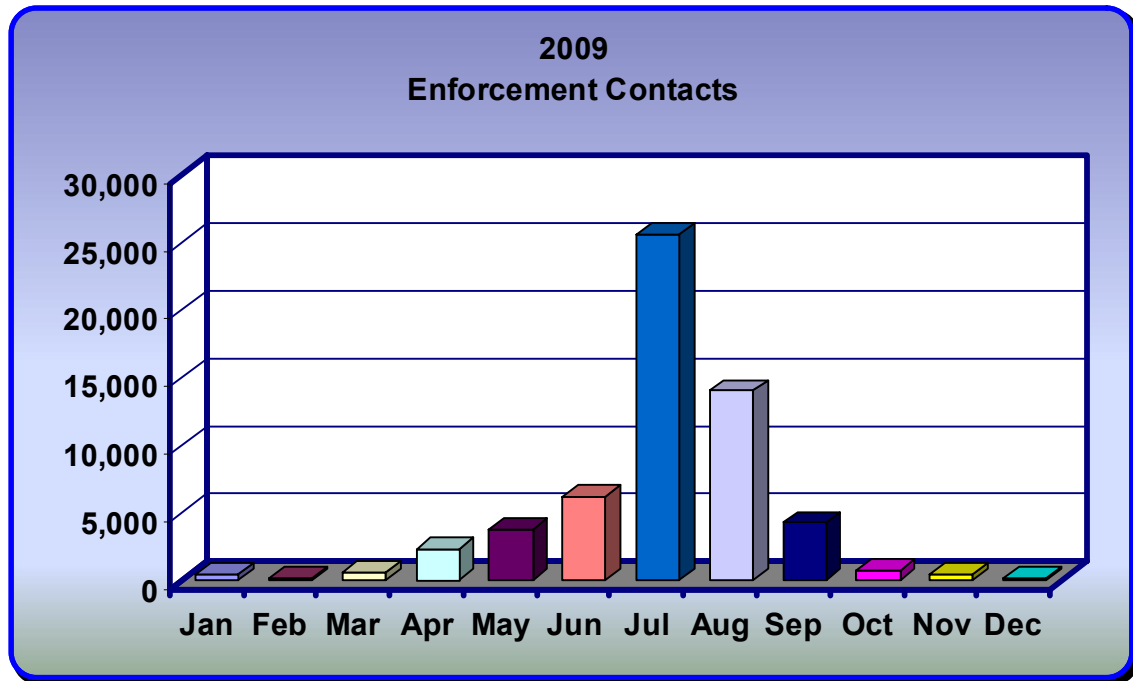


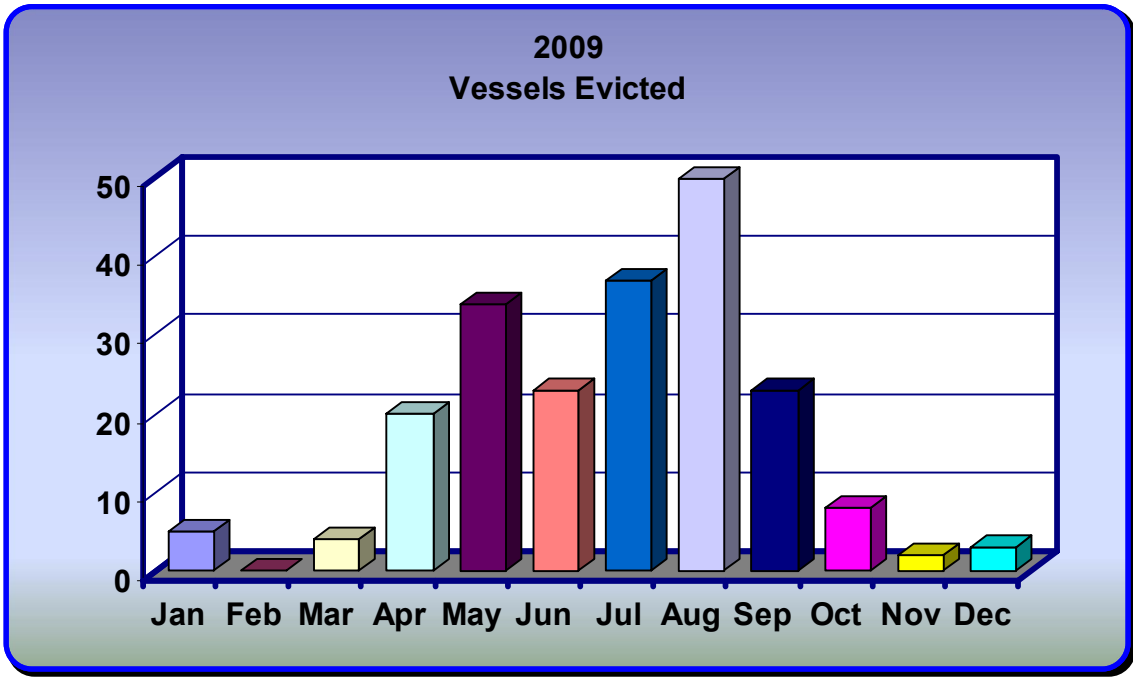
Senior Lake Lifeguard Robert Kelly directs two swimmers to the appropriate swim area at Castaic Lake.

Lifeguards are also responsible for the deployment and maintenance of all navigational buoys that are critical in the prevention of boating accidents.

Enforcement Contacts

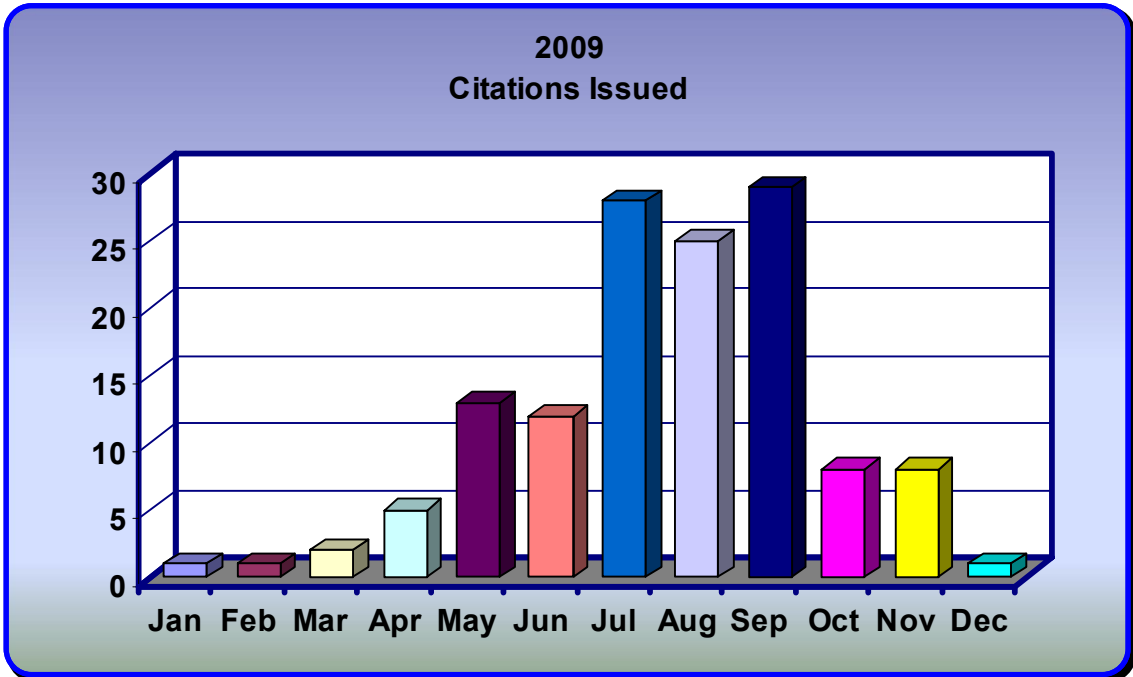
This is defined as an encounter between a lifeguard and park visitor concerning a violation of a law, rule or regulation. In 2009, Lake Lifeguard personnel made a total of 59,082 enforcement contacts. This figure represents a 23% increase in enforcement contacts made in 2008.





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 208 boaters and filed a total of 132 citations with the Los Angeles County District Attorney in 2009.

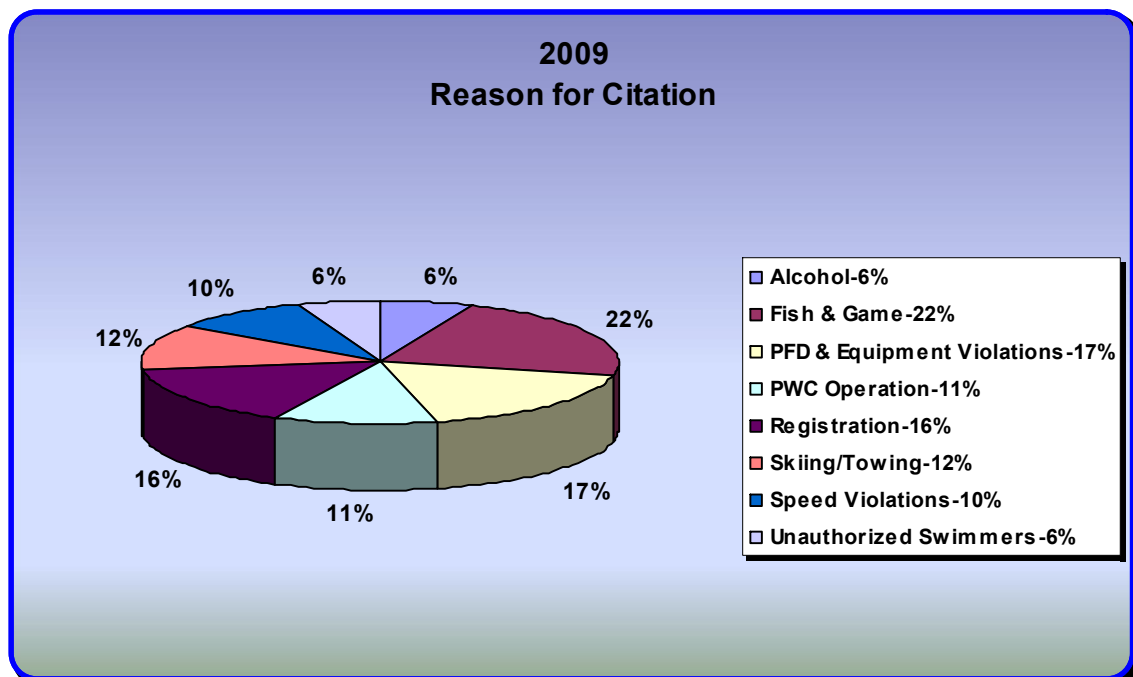


Alcohol

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.



Enforcement contact with a personal watercraft (PWC) at Puddingstone Lake.

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

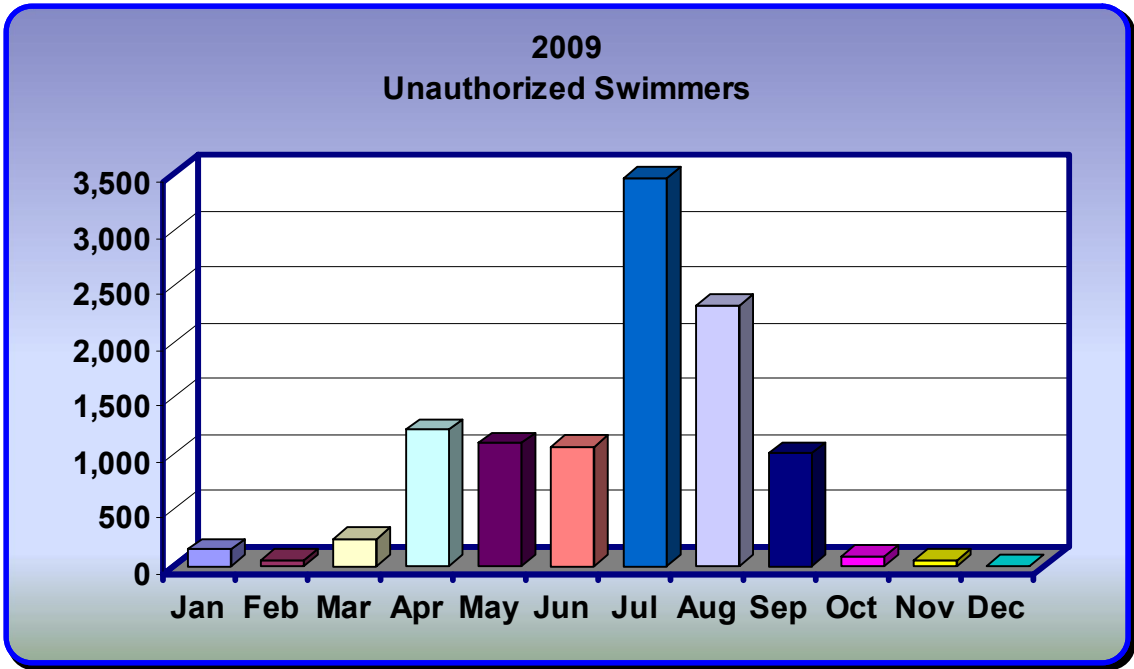
A person may participate in water skiing and towing of other devices in designated areas of the lake facilities only. Lifeguards monitor skiing activities to ensure that boaters comply with carriage requirements, direction of travel regulations, speed limits and other operational requirements specific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

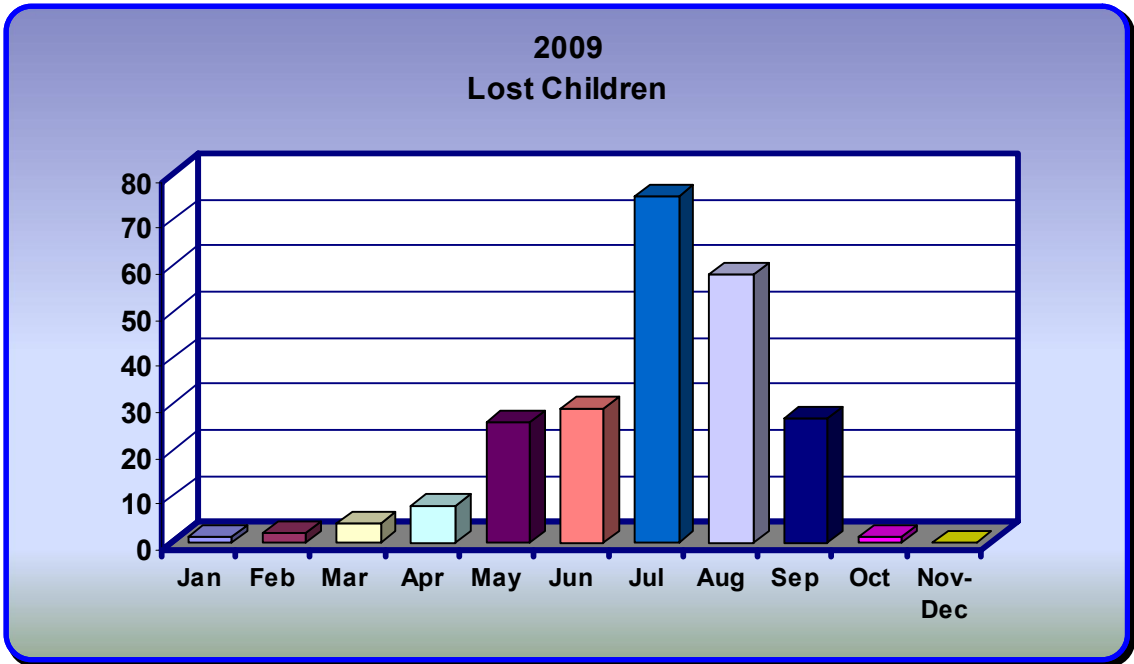
Unauthorized Swimming

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

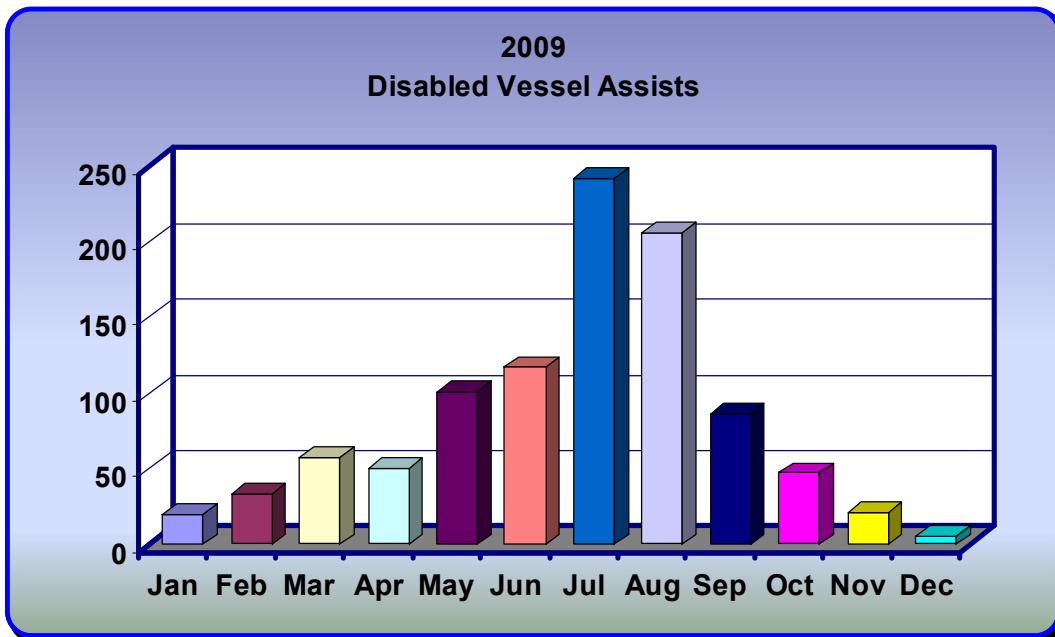
The Department's Lake Lifeguards respond to all requests for vessel assistance including distressed boats, vessel fires, and righting, towing and recovering sinking boats.

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 2009, Lake Lifeguard rescue/patrol vessels acted upon 983 such incidents.



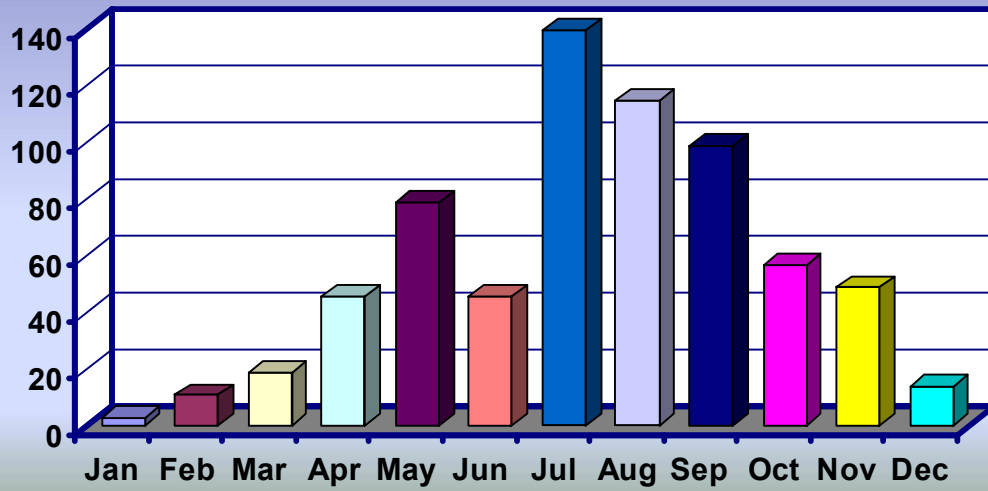
Lifeguards retrieve a swamped vessel at Castaic Lake.



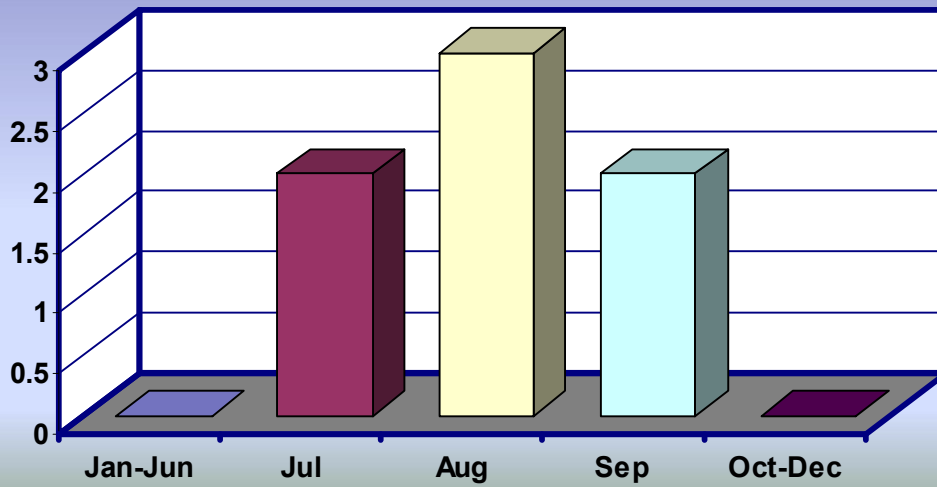
Launch Ramp Assists

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.

**2009
Launch Ramp Assists**



**2009
Vessel Fire Assists**

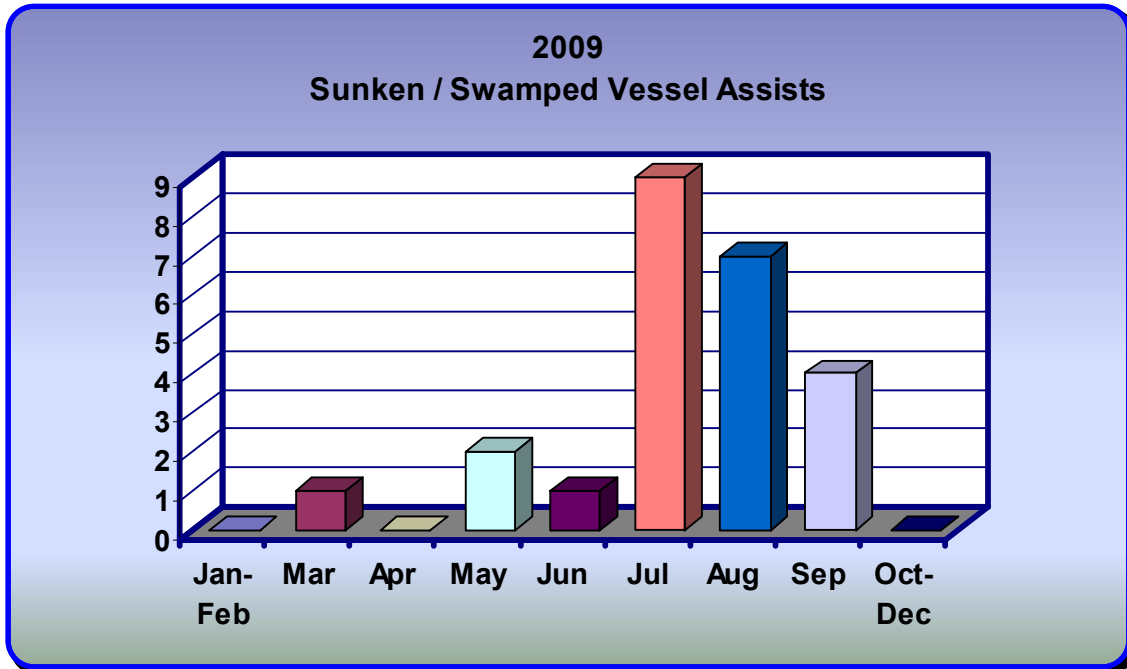


Sunken/Swamped Vessels

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.

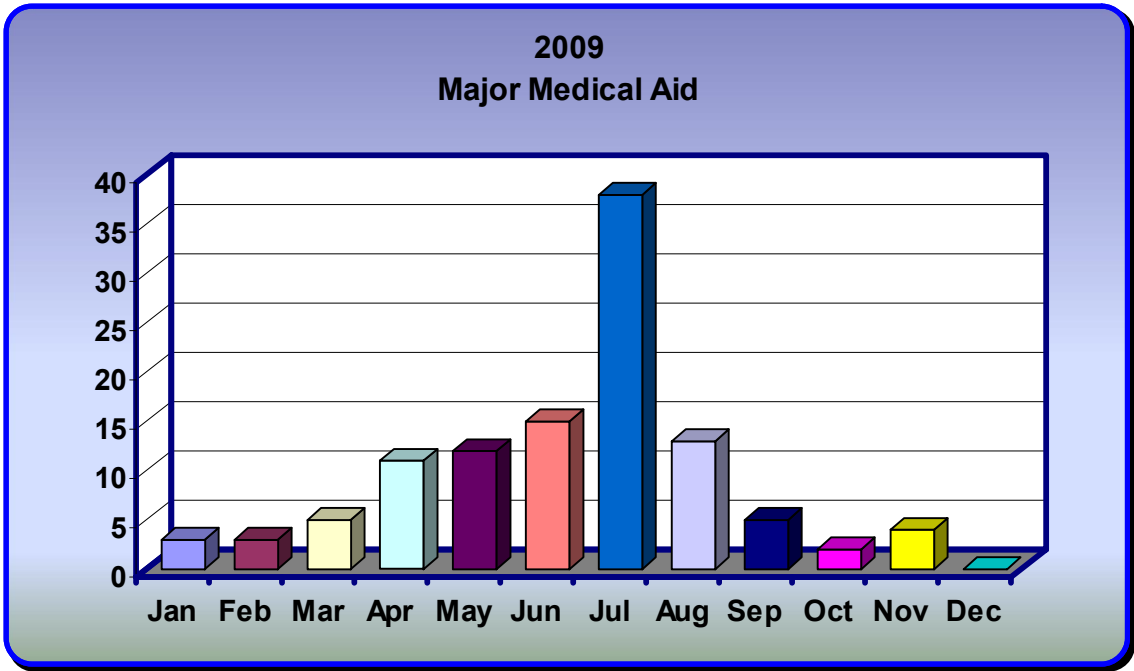


Lifeguards Oscar Villagomez, Alex Smith, and Edmund Baghumian prepare an injured patient for transport to a local hospital.

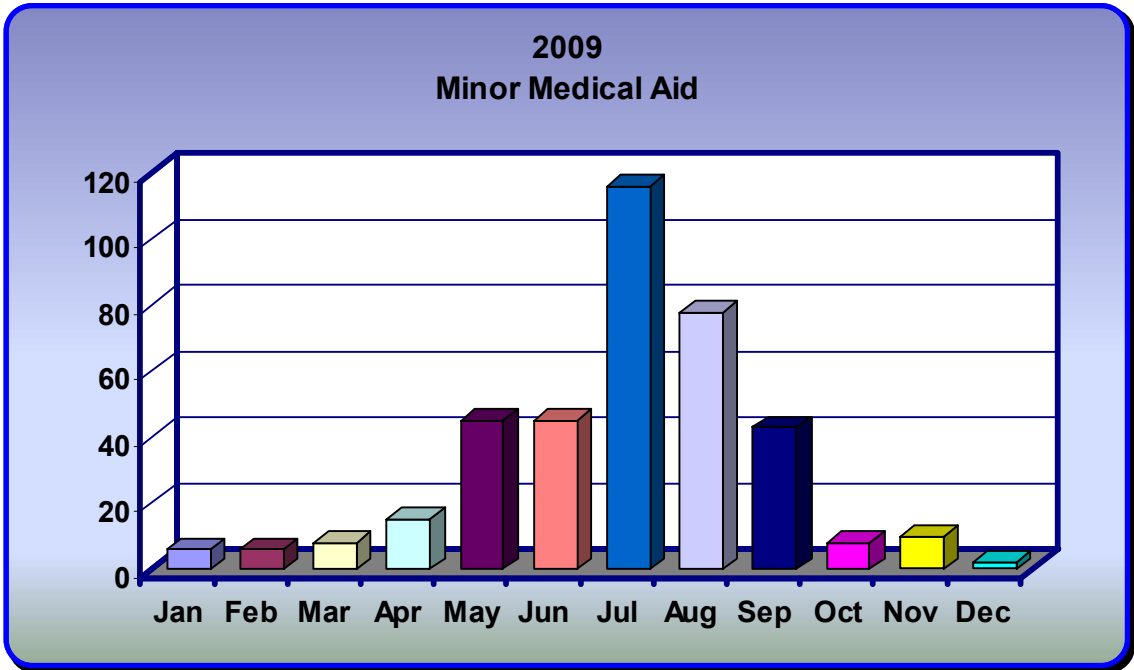
possible treatment in the field and assist in the coordination of transportation of the injured to area hospitals.

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 2009, Lake Lifeguards acted upon 111 major first-aid calls.



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 2009, Lake Lifeguards acted upon 382 minor first-aid calls.



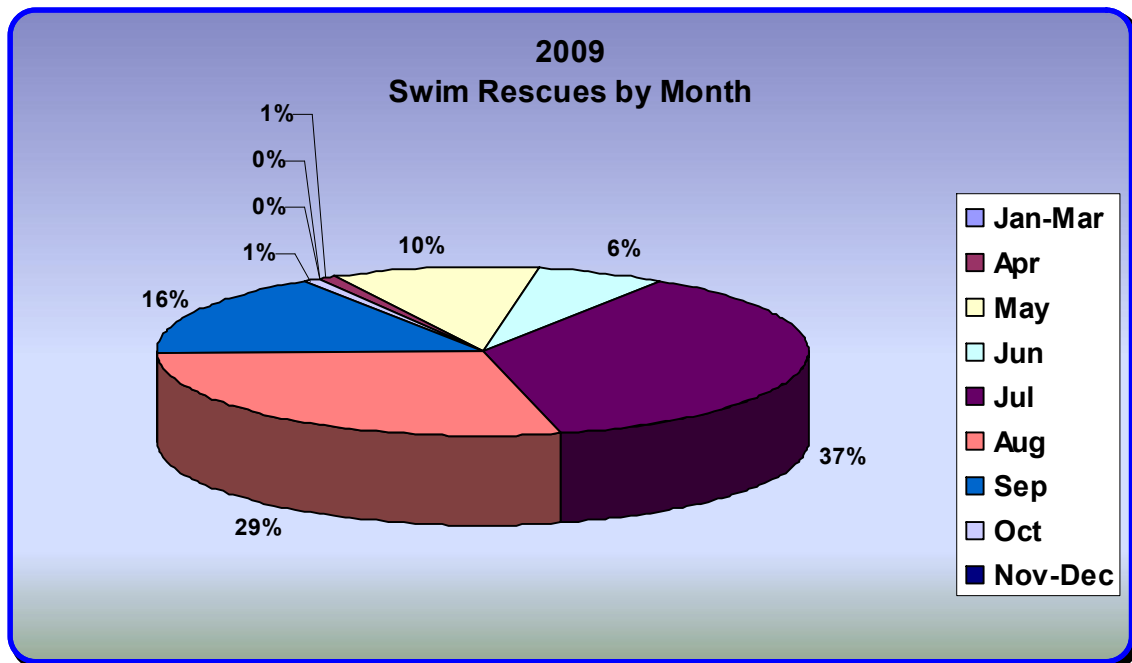
ANALYSIS OF AQUATIC RESCUES

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.

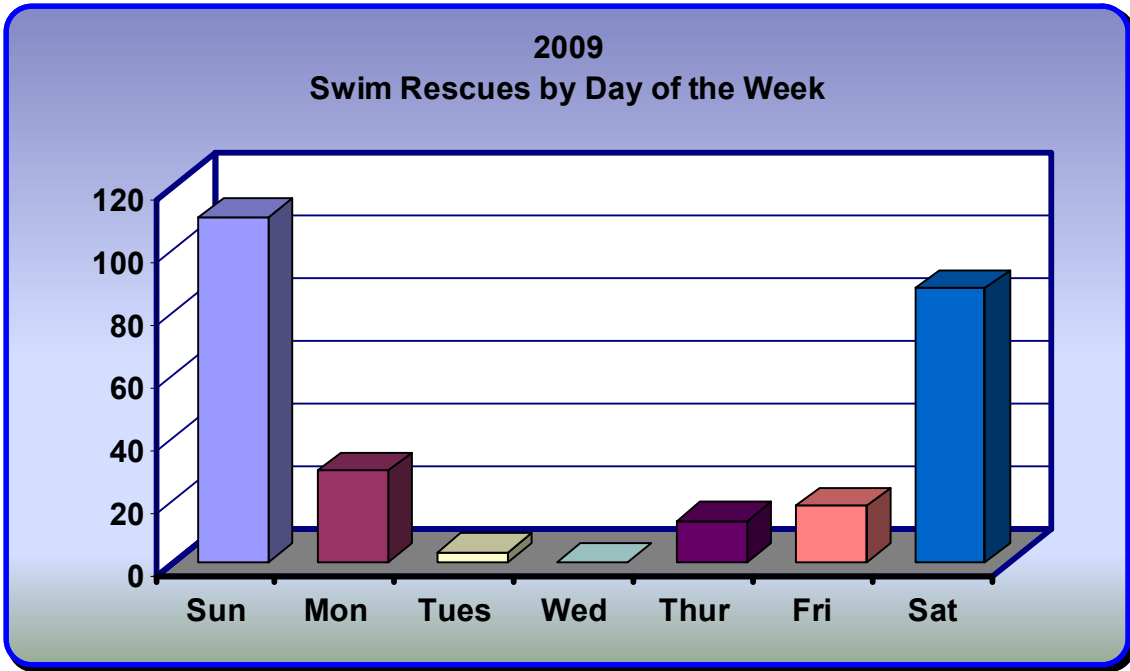


Santa Fe Dam swim beach on a summer afternoon.

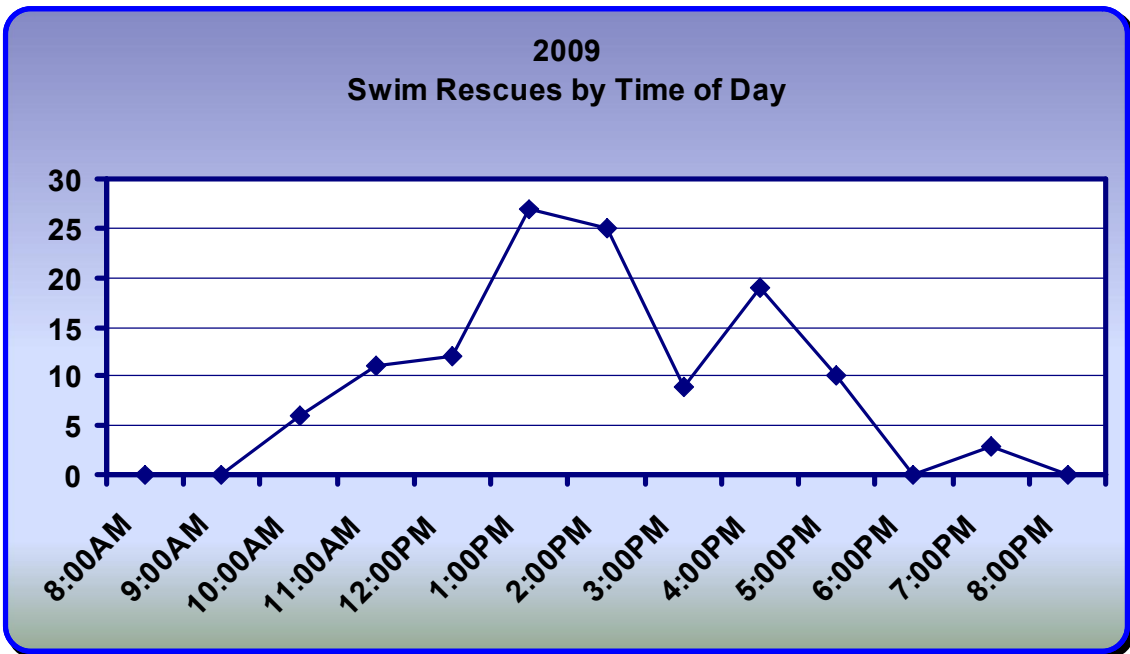
The lifeguard's physical conditioning and use of specialized training and equipment such as rescue boats, rescue buoys, swim fins, and SCUBA gear are utilized to perform these duties.



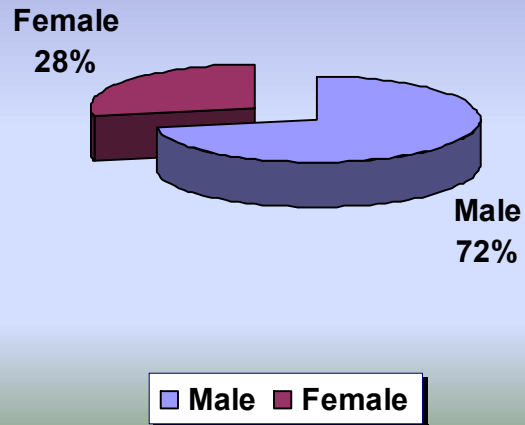
The Los Angeles County Lake Lifeguards protect some of the most heavily congested stretches of open water in the state. They are charged with providing for the safety of the public in and around the swim beach through vigilance, proactive preventative measures and through the knowledge and application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



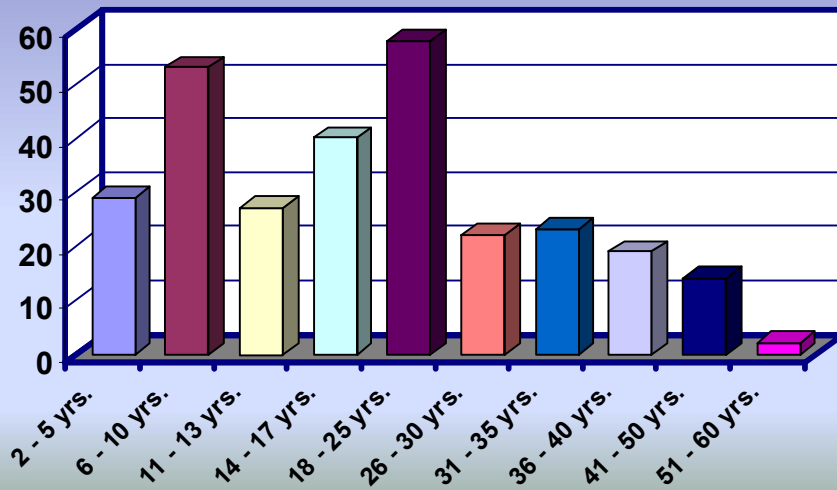
Both lake and ocean lifeguard operations present significant challenges. Without the surf and wave action of the coastline to give pause to those less experienced swimmers, the lakes provide for a challenging public safety environment. Poor swimmers, in the absence of intimidating surf, often exceed 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.



2009
Swim Rescues by Gender

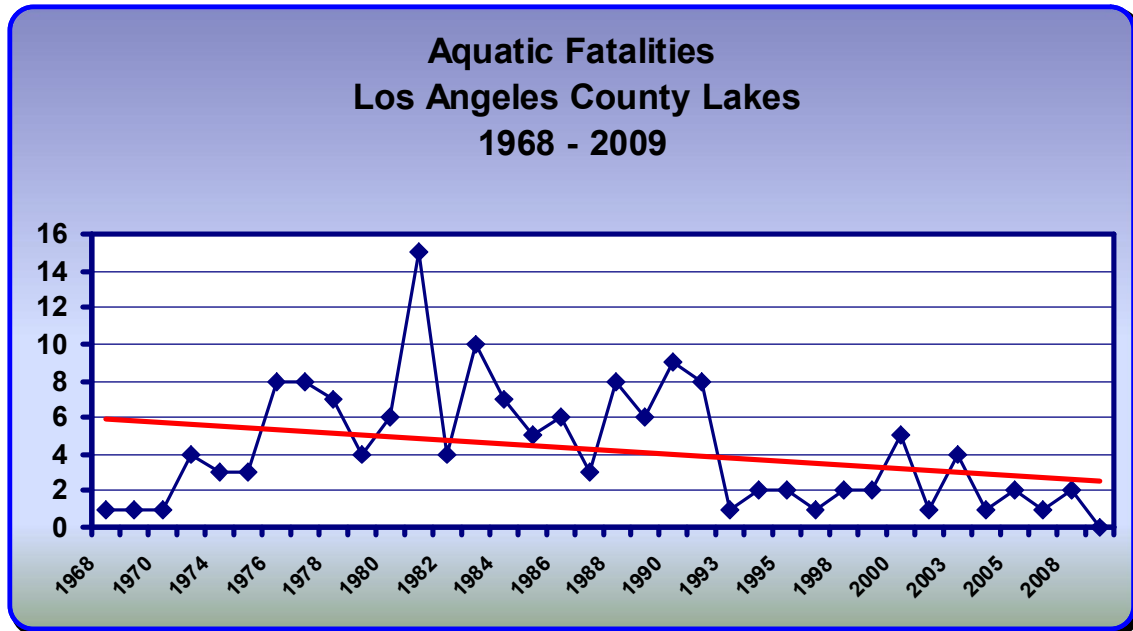


2009
Swim Rescues by Age



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.

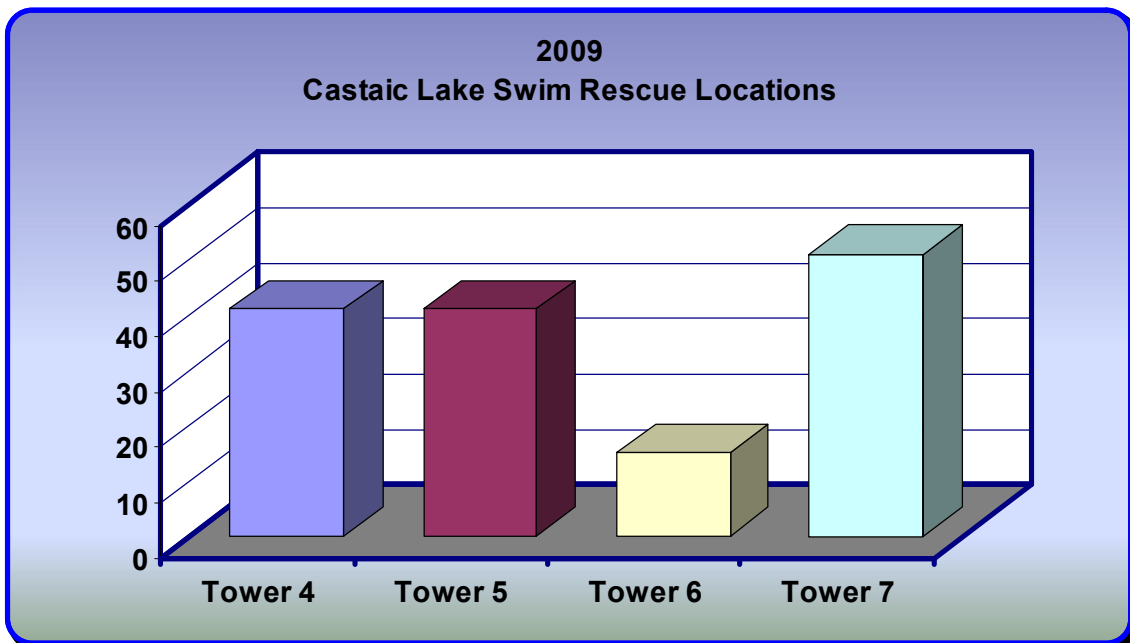
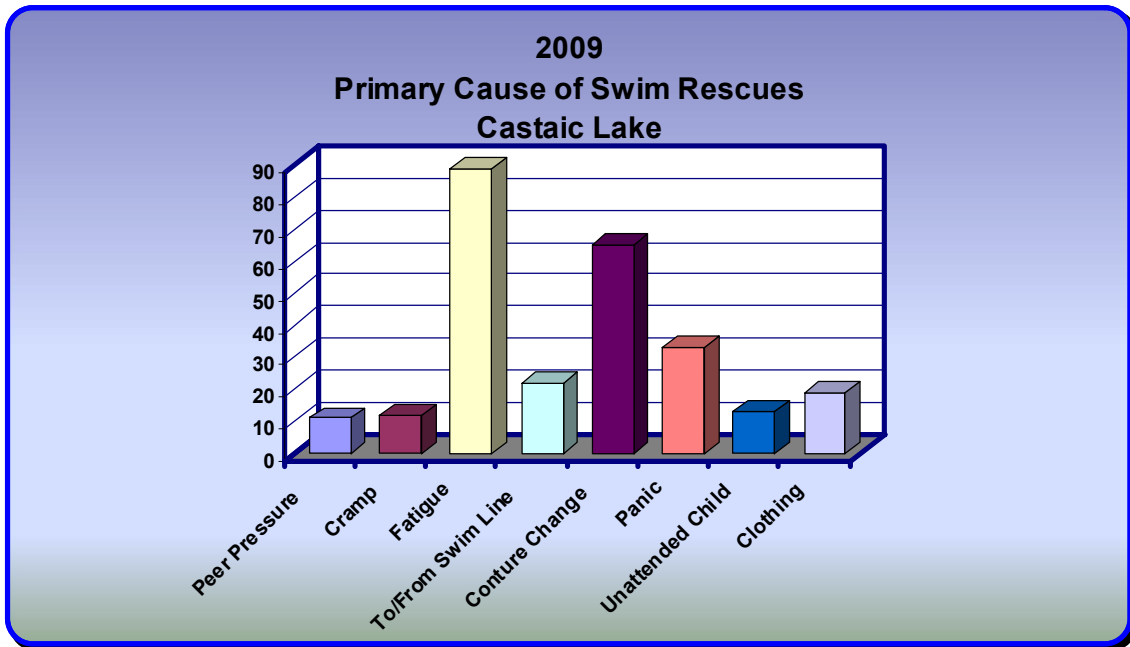


Primary Cause and Location of Aquatic Rescues

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.

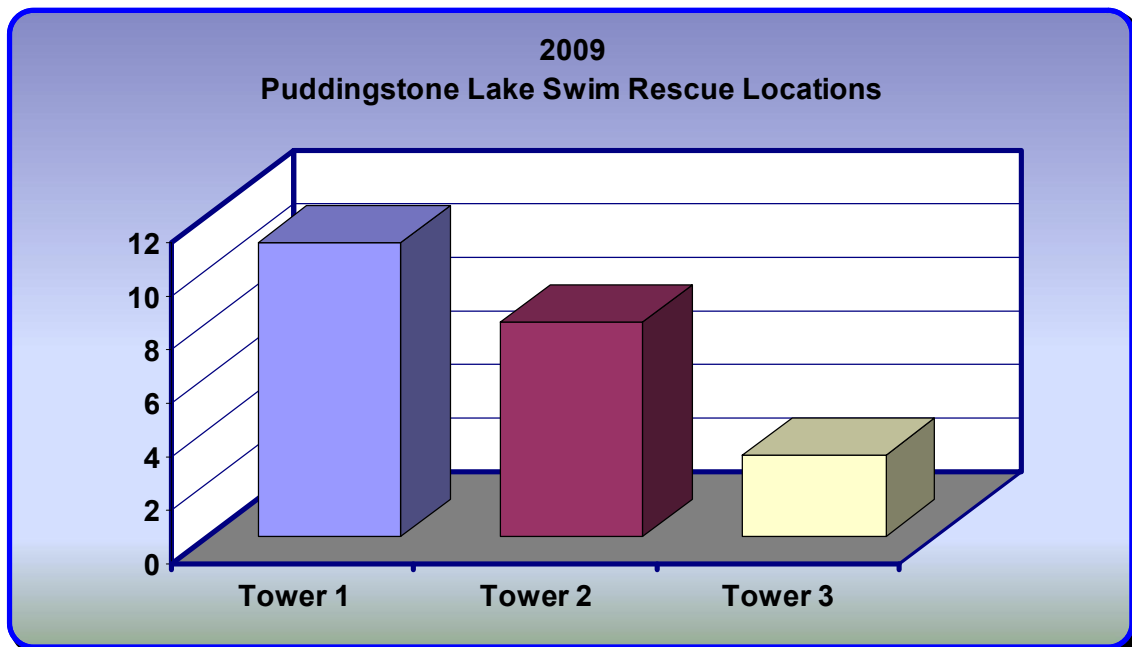
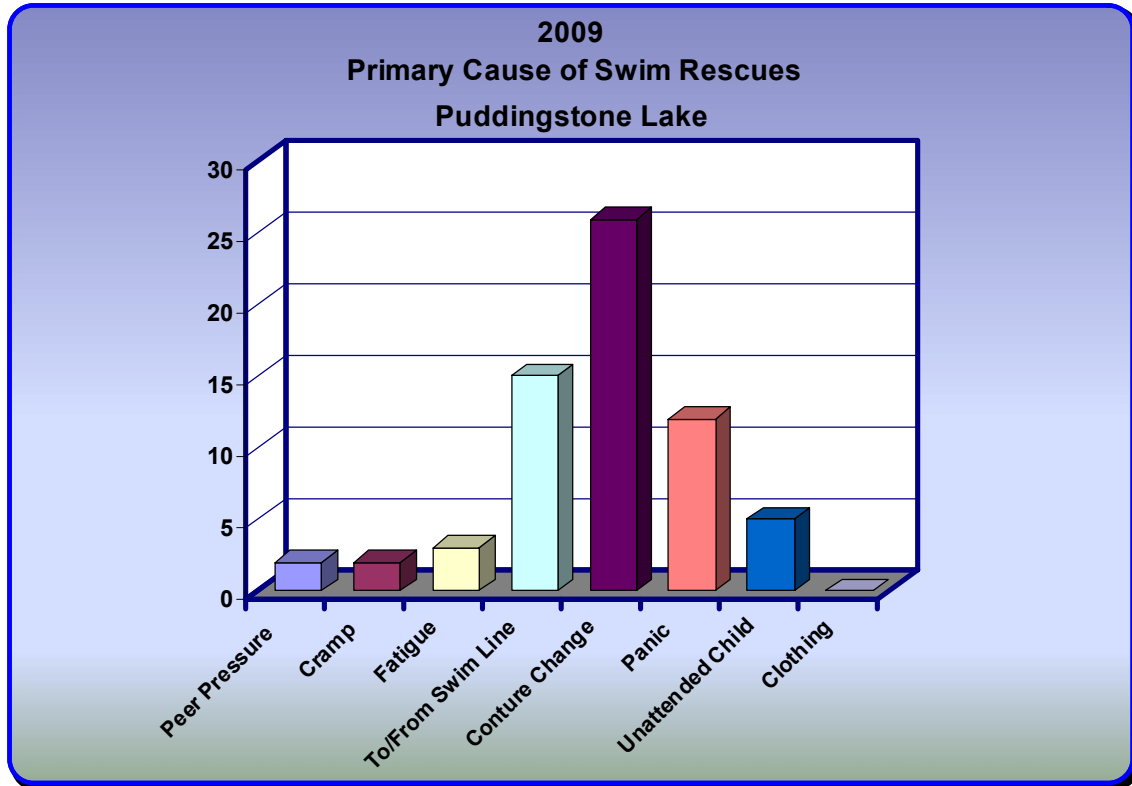
Castaic Lake

- 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



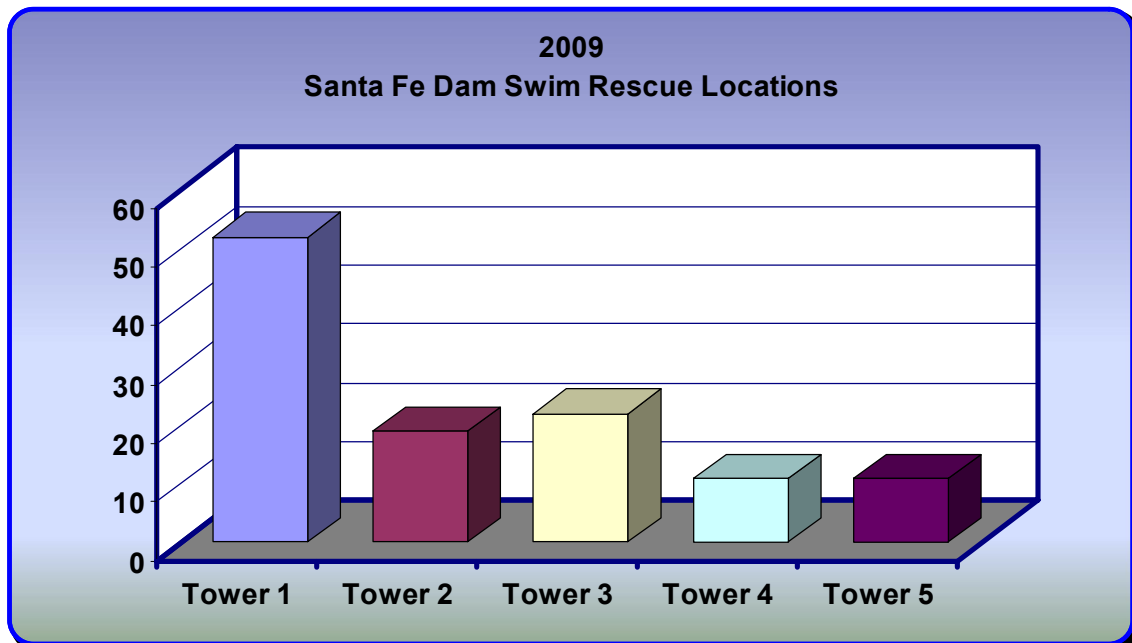
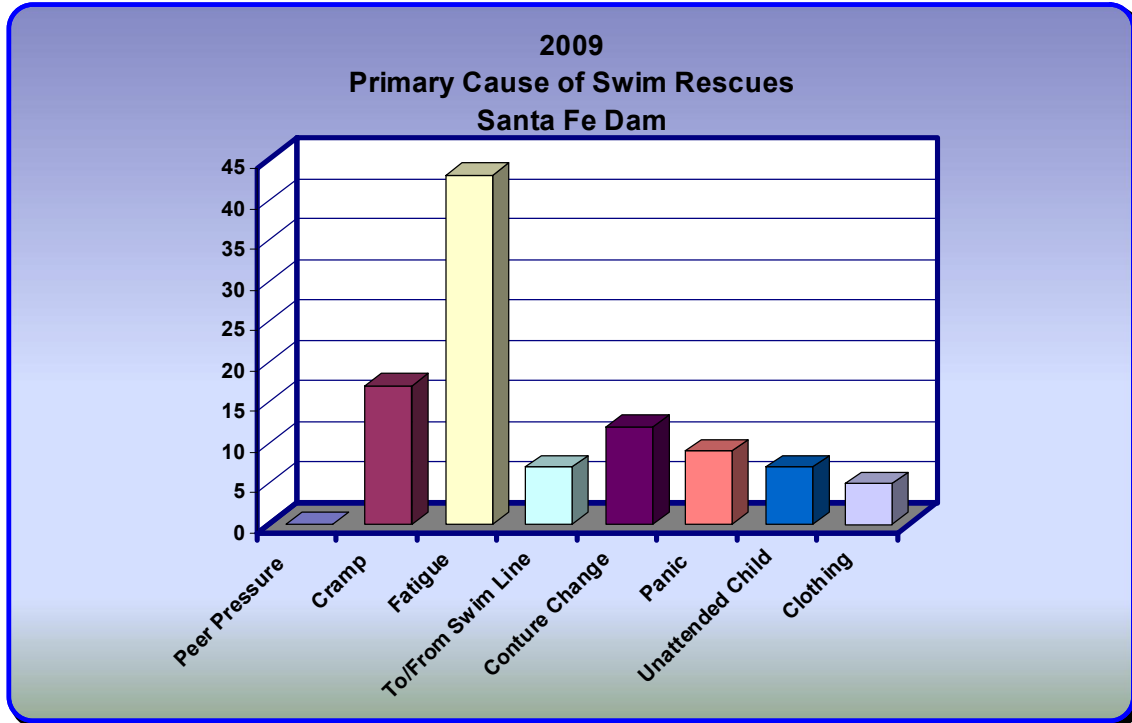
Puddingstone Lake/Bonelli Park

- 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



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



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.



The Lake Lifeguard Underwater Unit is acknowledged by the Board of Supervisors for contributions to Search and Recovery efforts at Lake Piru in Ventura County.

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.



Lifeguard Bike Patrol on duty at Puddingstone Lake.

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.



Swift Water Rescue Team at the San Gabriel River at Santa Fe Dam.

RESOURCE ALLOCATION

Staff Resources	<i>Castaic Lake</i>	<i>Puddingstone Lake</i>	<i>Santa Fe Dam</i>	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	<i>Castaic Lake</i>	<i>Puddingstone Lake</i>	<i>Santa Fe Dam</i>	Total
Lifeguard Vehicles	8	2	2	12
Lifeguard Vessels	11	4	3	18

JUNIOR LAKE LIFEGUARD PROGRAMS

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.



Castaic Lake Junior Lifeguards

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.

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.

Appendix

(i) – 2009 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	0	0	3	44	27	156	121	67	4	0	0	422
Beach Attendance	0	0	0	0	25,888	31,895	171,467	119,085	56,670	0	0	0	381,926
Preventative Actions	795	436	803	2,300	3,625	6,563	20,061	13,896	4,650	1,122	769	292	55,312
Medical Aids													
Major First Aids	3	3	5	11	12	15	38	13	5	2	4	0	111
Resuscitations	0	0	1	0	0	0	1	0	0	0	0	0	2
Near Drowning	0	0	0	0	0	0	0	0	0	0	0	0	0
Minor First Aids	6	6	8	15	45	45	116	78	43	8	10	2	382
Shoreline Fires	1	0	1	0	2	1	3	0	0	0	0	1	9
Vessels													
Sunken/Swamped Vessels	0	0	1	0	2	1	9	7	4	0	0	0	23
Vessel Collisions	0	0	0	0	1	1	3	4	2	0	1	0	12
Vessels Aground	0	0	0	0	0	0	0	0	1	0	0	0	1
Vessels Capsized	0	0	1	0	8	2	8	8	3	2	0	0	32
Vessel Fires	0	0	0	0	0	0	2	3	2	0	0	0	7
Disabled Vessels	20	33	57	50	101	117	242	206	86	47	21	5	985
Vessel/Trailing Assists	46	14	66	94	100	48	165	103	92	48	109	2	888
Mechanical Assists	7	11	11	28	52	39	51	59	48	20	13	4	343
Launch Ramp Assists	3	11	19	46	79	46	140	115	99	57	49	14	678
Law Enforcement													
Enforcement Contacts	430	234	594	2,354	3,761	6,239	25,685	14,054	4,290	779	475	138	59,033
Patron Contact Info Given	265	273	432	879	1,599	1,845	5,978	5,700	2,419	668	408	124	20,590
Citations Issued	1	1	2	5	13	12	28	25	29	8	8	1	133
Vessels Evicted	5	0	4	20	34	23	37	50	23	8	2	3	209
Unauthorized Swimmers	105	54	247	1,216	1,096	1,065	3,469	2,330	1,004	90	56	0	10,732
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 (Non Aquatic)													
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	1	2	4	8	26	29	75	58	27	1	0	0	231
Interpretive Programs	0	0	0	0	83	105	127	109	67	180	0	0	671
Junior Lifeguards	0	0	0	0	0	48	417	273	0	0	0	0	738

(ii) – 2009 CASTAIC LAKE TOTAL MONTHLY ACTIVITY REPORT

ACTIVITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Aquatic Rescues	0	0	0	1	27	11	65	53	22	0	0	0	179
Swim Beach Rescues	0	0	0	1	27	11	65	53	22	0	0	0	179
Lagoon Rescues	0	0	0	0	0	0	0	0	0	0	0	0	0
Beach Attendance	0	0	0	0	6,200	7,714	36,201	29,006	15,450	0	0	0	94571
Preventative Actions	597	340	623	1137	2191	4391	12022	7558	2476	1052	724	276	33387
Medical Aids	0	2	2	2	21	18	68	46	27	3	4	2	198
Major First Aids	0	0	2	2	1	0	12	3	3	0	1	0	24
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	0	2	0	3	20	18	56	43	24	3	3	2	174
Shoreline Fires	0	0	1	0	0	0	1	0	0	0	0	0	2
Vessels													
Sunken/Swamped Vessels	0	0	1	0	2	0	9	7	4	0	0	0	23
Vessel Collisions	0	0	0	0	0	1	3	3	2	0	1	0	10
Vessels Aground	0	0	0	0	0	0	0	0	0	0	0	0	0
Vessels Capsized	0	0	1	0	6	2	3	3	0	0	0	0	15
Vessel Fires	0	0	0	0	0	0	1	1	1	0	0	0	3
Disabled Vessels	13	17	33	31	55	69	134	114	52	37	19	2	576
Vessel/Trailing Assists	46	12	63	89	88	35	90	52	63	46	109	2	695
Mechanical Assists	7	9	10	26	50	36	47	51	46	20	12	3	317
Launch Ramp Assists	3	11	19	46	78	43	136	113	94	57	49	13	662
Law Enforcement													
Enforcement Contacts	270	140	392	773	1605	3337	9628	6432	1658	658	314	104	25311
Patron Contact Info Given	255	195	275	485	642	655	1939	1942	1047	485	314	124	8358
Citations Issued	1	1	0	2	8	7	9	17	19	7	4	0	75
Vessels Evicted	3	0	2	9	21	5	19	29	14	7	1	2	112
Unauthorized Swimmers	0	12	145	265	482	313	1075	789	547	51	56		3735
Arrests	0	0	0	0	0	0	0	0	0	0	0	0	0
Auto Recoveries	0	1	0	0	0	0	0	0	0	0	0	0	1
Fatalities(Non Aquatic)	0	0	0	0	0	0	0	0	0	0	0	0	0
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	2	0	0	1	3	17	8	11	0	0	0	42
Programs													
Junior Lifeguards	0	0	0	0	0	0	225	193	0	0	0	0	418
Moonlight Kayak Class	0	0	0	0	20	20	40	40	20	0	0	0	140
Kayak Camping	0	0	0	0	20	20	20	0	0	0	0	0	60
Open Water Swim Class	0	0	0	0	13	15	17	19	17	0	0	0	81
Cast for Kids	0	0	0	0	0	0	0	0	0	180	0	0	180
Moonlight Float Tube	0	0	0	0	30	30	30	30	30	0	0	0	150
Dept. Moonlight Kayaking	0	0	0	0	0	20	20	20	0	0	0	0	60

(iii) 2009 PUDDINGSTONE LAKE TOTAL MONTHLY ACTIVITY REPORT

ACTIVITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Aquatic Rescues	0	0	0	2	2	3	27	27	25	4	0	0	90
Swim Beach Rescues	0	0	0	2	2	3	27	27	25	4	0	0	90
Lake Rescues	0	0	0	0	0	0	0	0	0	0	0	0	0
Beach Attendance					5000	6000	34000	3921	13000				61921
Preventative Actions	52	22	43	41	43	117	149	112	69	36	25	11	720
Medical Aids	3	5	9	9	22	24	60	21	13	4	6	0	176
Major First Aids	1	3	3	5	7	11	23	7	2	2	3	0	67
Resuscitations	0	1	0	0	0	1	0	0	0	0	0	0	2
Near Drowning	0	0	0	0	0	0	0	0	0	0	0	0	0
Minor First Aids	2	1	6	4	15	12	37	14	11	2	3	0	107
Shoreline Fires	0	0	0	0	0	1	2	0	0	0	0	1	4
Equestrian Accidents	0	0	0	0	0	0	0	0	1	0	0	0	1
Vessels													
Sunken/Swamped Vessels	0	0	0	0	0	1	0	0	0	0	0	0	1
Vessel Collisions	0	0	0	0	1	0	0	1	0	0	0	0	2
Vessels Aground	0	0	0	0	0	0	0	0	1	0	0	0	1
Vessels Capsized	0	0	0	0	2	0	5	3	3	2	0	0	15
Vessel Fires	0	0	0	0	0	0	0	1	0	0	0	0	1
Disabled Vessels	5	14	18	15	40	44	103	85	32	10	2	3	371
Vessel/Trailing Assists	0	2	3	5	12	13	75	51	27	2	0	1	191
Mechanical Assists	0	2	0	1	1	3	4	7	1	0	1	1	21
Launch Ramp Assists	0	0	0	0	1	3	4	2	5	0	0	1	16
Law Enforcement													
Enforcement Contacts	45	27	78	155	532	559	1383	1034	411	102	92	34	4452
Patron Contact Info Given	10	12	17	17	47	55	77	84	31	6	2	0	358
Citations Issued	0	0	1	2	4	2	11	5	3	0	4	0	32
Unauthorized Swimmers	0	0	18	66	225	279	655	395	140	37	0	0	1815
Vessels Evicted	2	0	2	11	13	18	18	21	9	1	1	1	97
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 (Non Aquatic)	0	1	0	0	0	1	0	0	0	0	0	0	2
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	4	3	0	11	1	5	0	0	0	24
Interpretative Programs													
Junior Lifeguards	0	0	0	0	0	0	135	80	0	0	0	0	215

(iv) 2009 – SANTA FE DAM 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	15	13	64	41	20	0	0	0	153
Lake Rescues	0	0	0	0	0	0	0	0	0	0	0	0	0
Beach Attendance	0	0	0	0	14,688	18,181	101,266	63,079	28,220	0	0	0	225,434
Preventative Actions	146	74	137	1,122	1,391	2,055	7,890	6,226	2,105	34	20	0	21,200
Medical Aids	6	3	2	12	14	19	26	24	8	3	4	0	121
Major First Aids	2	0	0	4	4	4	3	3	0	0	0	0	20
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	4	3	2	8	10	15	23	21	8	3	4	0	101
Shoreline Fires	1	0	0	0	2	0	0	0	0	0	0	0	3
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	2	0	0	0	0	2
Vessel Fires	0	0	0	0	0	0	1	1	1	0	0	0	3
Disabled Vessels	2	2	6	4	6	4	5	7	2	0	0	0	38
Vessel/Trailing Assists	0	0	0	0	0	0	0	0	2	0	0	0	2
Mechanical Assists	0	0	1	1	1	0	0	1	1	0	0	0	5
Launch Ramp Assists	0	0	0	0	0	0	0	0	0	0	0	0	0
Law Enforcement													
Enforcement Contacts	115	67	124	1,426	1,624	2,343	14,674	6,588	2,221	19	69	0	29,270
Patron Contact Info Given	0	66	140	377	910	1,135	3,962	3,674	1,341	177	92	0	11,874
Citations Issued	0	0	1	1	1	3	8	3	7	1	0	0	25
Unauthorized Swimmers	105	42	84	885	389	473	1739	1,146	317	2	0	0	5,182
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 (Non Aquatic)	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0
Lost Children/Parents	1	0	4	4	22	26	47	49	11	1	0	0	165
Interpretive Programs													
Junior Lifeguards	0	0	0	0	0	48	57	0	0	0	0	0	105

County of Los Angeles Board of Supervisors

Gloria Molina
Supervisor, First District

Mark Ridley-Thomas
Supervisor, Second District

Zev Yaroslavsky
Supervisor, Third District

Don Knabe
Supervisor, Fourth District

Michael D. Antonovich
Supervisor, Fifth District

William T Fujioka
Chief Executive Officer

County of Los Angeles **Department of Parks and Recreation**

Russ Guiney
Director
County of Los Angeles
Department of Parks and Recreation

Hayden Sohm
Deputy Director, Regional Facilities Agency
County of Los Angeles
Department of Parks and Recreation

Hugo Maldonado
Chief Lake Lifeguard
County of Los Angeles
Department of Parks and Recreation