

**FIRE DEPARTMENT**  
**Robert F. Westerman, Fire Chief**

**MISSION STATEMENT**

The mission of the Kauai Fire Department is to protect and preserve life, property and the environment of Kauai County from fires and all types of life threatening emergencies.

**DEPARTMENT GOALS**

The men and women of the Kauai Fire Department are committed to excellence as demonstrated by their dedication and spirit in their continued efforts in making our community a safe place to live. Our employees have effectively carried out their duties in achieving the department's goals of preventing, suppressing and extinguishing all types of fires; responding to and mitigating any and all types of emergencies (medical, Hazmat, search and rescue, disasters) in a highly trained, professional and safe manner; administering first aid and CPR to the basic life support level (EMT) and to make Kauai a safer place by supporting and promoting training in community CPR, first aid, management of the Kaua'i County CERT (Community Emergency Response Team). Participating in the State and County's Civil Support Team (CST) disaster response training, which includes numerous agencies and resources; providing highly trained personnel as part of CD's Pacific rim's Urban Search and Rescue (USAR) team; participating in the State and County's localized disaster response network, which includes other agencies and available resources; enforcing the Uniform Fire Code and promote fire prevention through educational programs and community outreach; maintaining our vehicles and equipment for emergency response through a preventive maintenance program; and providing safe, guarded beaches through an effective and dynamic water safety program.

**PROGRAM DESCRIPTION**

To accomplish this objective, the department maintains a modern communications and record management system, conducts routine inspections, enforces and governs fire codes and regulations, conducts fire investigations to ascertain its origin and cause, promotes public awareness by providing on-going, up-to-date public education, advocates a structured and uniform fire training program which includes HAZMAT, CBRNE (chemical, biological, radiological, nuclear and explosive) and mountain and ocean search and rescue training, and promotes highly trained fire suppression and hazmat/rescue teams.

The fire department consists of a fire chief, a deputy fire chief, a fire commission, and the necessary staff.

The Fire Chief commands and directs a department of 193 employees--140 uniformed fire personnel, 45 uniformed ocean safety personnel and 8 civilians assigned to five major service bureaus, eight fire stations and ten lifeguard towers located throughout the island.

The fire commission appoints the Fire Chief and assists with construction of the budget.

The five major service bureaus are Administration, Operations, Training & Research, Prevention and Ocean Safety. The eight stations house 8 engine companies, a Rescue Unit and a Hazmat Team, 8 engine pumpers, 6 mini-pumpers, 1 HAZMAT response vehicle, 1 26' Rescue Boat, 1 19' Zodiac Rescue Boat, 1 Sea-Doo Jet Boats, 3 Jet Skis. Also on the inventory are 6 lifeguard trucks, 3 all terrain vehicles (ATV's) and 8 jet skis.

## **HIGHLIGHTS:**

The 3 most important accomplishments for the year are the opening of the Kaiākea Fire station the first new station in 65 years on Kauai and it has provided much needed relief to the Kawaihau District and reduced the risk to the community and the department. This year we purchased a County Rescue Helicopter again supporting community risk reduction. And finally our Firefighters being awarded the Ben Franklin Award for Valor the highest award presented by the IAFC. Captain Metivier, FFIII Abreu, FRS Constantino, and FRS Garcia were awarded this great honor by the International Association of Fire Chiefs and Motorola. The award was for a daring 2 day rescue of an ultra light crew in adverse conditions.

This year the Fire Department responded to over 4,969 calls for assistance a slight increase over the previous year. We had 237 fire calls of which we investigated 16 fires this year with a total value loss estimate of \$3,132,500 in damage and property. The two busiest stations are Kapaa and Lihue. Our new Kaiākea station coming on line changed the response to about a  $1/3 = 2/3$  split between Kapaa and Lihue stilling leaving Kapaa as the highest call volume. The addition of Kaiākea has had several positive results. First, the ability to relocate and respond to the Hanalei district without leaving the busiest district exposed. With the addition of the eighth station relocation and out of service duties for training allows for more on duty training without increased risk to the community. The year was successful tragic as it is we had one loss of life due to fire and no firefighter fatalities reported. We continued to enjoy the funding channel through the State's Civil Defense and we have secured funding jointly with the Kauai Police Department to purchase a Computer Assisted Dispatch System (CADS). We purchased our mobile data terminals and they are installed. We continue to upgrade and update our GIS software and almost daily discover new uses.

The Water Safety Officers have done a tremendous job in securing the safety of our public and visitor alike. We have had a busy year with a drowning count of 8 and steady beach visitor counts. But we were able to record over 332 rescues recorded by water safety officers. This year we estimated that over 1,665,227 sunbathers, surfers, and swimmers enjoyed our beaches. The Bureau recorded over 170,619 beach contacts where we informed or discussed the safety of the beaches with beach goers, everyone a potential save. The Jet Ski operation performed 87 rescues. The WSO's under the Fire Department are very professional, highly trained with proper certifications and more "customer service" oriented. The Kaua'i Junior Life Guard program was a success and Kaua'i was announced the Hawai'i State Overall Champions for a seventh year in a row. The cooperation between private organizations and government are what makes our education programs so successful. The new program in cooperation with HTA

(Hawaii Tourism Authority) places KORC (Kauai Ocean Resource Council) trainer Pat Durkin in our hotels training concierges about Kauai's beaches and how to advise tourist about our beaches is working great. They also are taught how to download and produce the Kauai Explorer Beach Safety map with daily ocean safety updates. We introduced two new beach safety guides with the help of the OED (Office of Economic Development), HTA, KORC, The Kauai Water Safety Task Force, the Fire Department and the Ocean Safety Bureau.

## **ACTIVITIES:**

The outstanding Firefighter of the Year, FFIII William "Butch" Keahiolalo and Water Safety Officer of the year, Greg Stutzer both were honored at the annual employee recognition banquet held at the Grand Hyatt Resort and Spa.

The Department observed 2011 National Fire Protection Association's Fire Prevention Week theme was "*Smoke Alarms: A sound you can live with*" October 3-9 2011.

The Department received a grant from the State of Hawaii Department of Land and Natural resources Department of Forestry and Wildlife for \$84,187.50 to support wild land firefighting efforts on state land on Kauai.

Various members of the department attended several conferences, National Fire Protection Association Annual Meeting and Conference, International Association of Fire Chiefs Annual Conference and Training and Trade Show, Quarterly Labor/Management meetings, Quarterly State Fire Council Meeting, Monthly Water Safety Task Force.

Kaua'i Community Emergency Response Team (C.E.R.T.) became an integral part of our department this year and we are working with Civil Defense and Police to grow the program island wide.

## **PROGRAM MEASURES – ACCOMPLISHMENTS/EVALUATION:**

Fire Personnel conduct Station tours for school children and other interested groups and provide fire safety awareness speakers and training to the schools and community; including home owners, students at Career Day activities, hotel and business organizations and senior citizen groups in the Departments continuing efforts to support and provide program assistance to the public toward its continued awareness of safety and the need for community input as they grow, so do the needs for safety awareness.

During the months of September through November fire companies continue to assist the Department of Land and Natural Resources in its crusade to assist with the aiding of fallen Newell Shearwaters.

Also in the month of November Kaua'i Fire Department hosted the Hawai'i Fire Chiefs Conference at the Hyatt Regency Hotel and Resort.

Free blood pressure screening continues to be available at all seven Fire Stations; these services are available every day between the hours of 9:00 am and 8 p.m. The men and women of the Kaua‘i Fire Department also actively support the Blood Bank Drive.

### **July 2010**

Firefighters assisted with the Kauai Hospice Fireworks event in support of Kauai Hospice.

### **August 2010**

Chief attended the IAFC conference in Chicago where he accepted the Benjamin Franklin Award for Valor along with the Rescue Crew Captain Metivier, FFIII Abreu, FRS Constantino, FRS Garcia

### **September 2010**

Department members, island wide participated in the “Fill the Boot” campaign to raise monies for muscular dystrophy.

Opened up Kaiakea Fire Station.

### **October 2010**

All stations enjoyed visits from school groups and participated in local school fire prevention week activities.

### **December 2010**

Līhu‘e and Waimea Stations participated in two different lighted Christmas parades. Started into our Self Assessment Accreditation program with the executive committee

### **January 2011**

A Fire Rescue Helicopter was purchased. Lihue Station removed the Christmas lights from tree fronting Old County building.

Career fair at Waimea High School.

### **February 2011**

Waimea Station assists with the setting up for the Waimea Town Celebration.

Kaiakea Station assists with Kapa‘a Elementary School carnival set up of tents, tables and chairs.

## **March 2011**

Līhu‘e Station assisted the Anti-Drug Coordinator set up for meeting at Līhu‘e Neighborhood Center.

Kapa‘a Station assists the Kaua‘i Concert Association with their Red Clay Jazz Festival clean up.

## **April 2011**

Hanapēpē Station dedicates new flagpole through the efforts of Eagle Scout Joshua Quinlan.

Līhu‘e Station supported Red Cross with their “Hats Off” campaign at Wal-Mart.

## **May 2011**

Ocean Safety Bureau spearheads the National Beach Safety Week on Kaua‘i.

Participated in the “Passion for Purses” fundraiser for Hale Opio.

Participated in the “Walk in Her Shoes” campaign at KCC.

Hanapēpē Station assisted American Cancer Society with cleaning up after Relay for Life.

Kaiakea assisted with the Shattered Dreams project at Kapa‘a High School.

## **June 2011**

Kapa‘a Station assisted Wilcox Hospital with their Summer Fest program.

Kapa‘a Station assisted Boy Scouts of America with their annual event held at Bette Midler’s ranch.

Kapa‘a Station assisted Mahelona Hospital with their annual beach outing at Lydgate.

Prevention and Līhu‘e Station gave out safety information at Home Depot’s Father’s Day event.

## OPERATIONS BUREAU

### **Fire Suppression and Emergency Calls:**

The fire line suppression is comprised of 3 Battalion Chiefs, 129 Fire line personnel, 21 Fire Suppression Captains, 3 Hazmat Captains, 3 Rescue Captains, 27 Fire Apparatus Operators, 6 Fire Rescue Specialists, 9 Hazardous Materials Technicians, and 60 Fire Fighters. They respond to fire and hazmat/rescue incidents and assist in all 911 emergency medical calls.

Fire fighters work 24 hour shifts for an average of 56 hours per week. They are assigned to 3 platoons, each consisting of 43 fire fighters. Each platoon mans 8 stations with crews consisting of a Fire Apparatus Operator and Fire Fighters and /or Fire Fighter Trainees under the command of a Fire Captain, with the exception of the Līhu‘e Fire Station which has a Suppression Captain and Rescue Captain, two Fire Apparatus Operators and two Fire Rescue Specialists. The Līhu‘e Fire Station is the designated home base for the Rescue team. Kaiākea station is the designated home base for the Hazmat Crew.

Fire Fighters are stationed at the Hanalei (E-1), Kapa‘a (E-2), Līhu‘e (E-3), Kōloa (E-4), Kalāheo (E-5), Hanapēpē (E-6), Waimea (E-7), and Kaiākea (E-8) Fire Stations. Manning for all of our fire stations are at five with the exception of Līhu‘e which has 4 members on suppression and 4 members on rescue.

### **HIGHLIGHTS:**

#### **July 2010:**

July 1 E-1, T-1, R-3 and Coast Guard airlifted 18 year old dehydrated male going into shock @ Hanakapiai Beach.

July 3 R-3 and KPD recovered body north of Spaulding Monument.

July 5 E-3 and R-3 responded to a TC on Kaumuali‘i Highway, 2 victims involved, 1 fatality.

July 5 E-2, T-2, E-3, R-3, and T-3 responded to a structure fire Wailua Homesteads.

July 10 E-7, T-7, E-6, T-6, and R-3 responded to a brush fire on Robinson’s Land near mile marker 22.

July 11 E-2, T-2, R-3, and Radon 1 responded to 3 swimmers in distress.

July 12 E-3 and R-3 responded to Kīpū Falls for an injured visitor.

July 12 E-1 and T-1 assisted KPD on a search for a suicidal kayaker @ Anini Beach.

July 13 E-1, T-1, Z-1, R-3, Radon 1, and Air 1 found body of suicidal kayaker outside Anini.

July 19 E-3, R-3, T-3, E-2 and T-2 responded to a structure fire across Kaua'i Marriott.

July 21 E-1, T-1, R-3, and Air 1 responded to Hanakapiai for a hiker possible heat stroke.

July 22 E-2, T-2, R-3, and DOCARE transported injured hiker out from Secret Falls.

July 22 E-1, T-1, Jetski 1, R-3, and Air 1 airlifted dehydrated hiker out of Hanakoa Valley.

July 27 E-6, E-5, E-7, R-3, and T-3 responded to a structure in Hanapēpē.

July 29 T-7, R-3, and Air 1 airlifted an injured hiker out of Pihea Trail.

July 29 T-7, R-3, and Air 1 back to Pihea Trail to search for missing teenagers, found teenagers and transported them out.

July 29 E-1 and T-1 responded to a single car TC-fatality.

July 30 E-1, T-1, R-3, and Air 1 rescued a hiker with a broken fibula on the Hanakapiai Trail.

### **August 2010:**

Aug. 2 E-7, T-7, E-6, T-6, T-5, R-3, BC1, and Air 1 responded to a brush fire Kokee Road.

Aug. 6 E-3, R-3, E-5, T-5, B2B, T-6, BC1, and Airbourne Helicopters responded to a brush fire across Garden Island Disposal.

Aug. 7 E-3, R-3, E-5, T-5, T-2, and Air 1 responded to Niumalu for rekindled brush fire.

Aug. 8 T-7, R-3, and Air 1 rescued a hunter on Kukui Trail.

Aug. 13 E-2, T-2, R-3, and DNLR rescued a hiker with a broken ankle @ Secret Falls.

### **September 2010:**

Sept. 2 E-7 and T-7 responded to a hanging in Waimea.

Sept. 5 E-2, T-2, E-3, R-3, and T-3 responded to a structure fire.

Sept. 5 R-3 and Air 1 assisted KPD with an aerial search for a missing person.

Sept. 6 R-3 and Air 1 assisted KPD with aerial search.

Sept. 8 R-3 and Air 1 continued to assist KPD with aerial search.

Sept. 9 R-3, Air 1 and Roy Asher of KPD located missing person's car @ Blue Hole area. Assisted KPD with ground search of area around vehicle.

Sept. 10 R-3 and Air 1 recovered body of missing person.

Sept. 12 E-1, T-1, R-3, Air 1, OSB Anahola, and OSB Jetski responded to a swimmer in distress @ Moloa'a Bay. OSB Anahola guard and swimmer brought in by Keālia OSB Jetski.

Sept. 13 E-3 and R-3 responded to a vehicle fire behind Kaua'i Freight.

Sept. 14 E-7, T-7, R-3, and Air 1 responded to a missing hiker @ Pihea Trail.

Sept. 25 E-1, T-1, and R-3 assisted an elderly couple out of Hanakapiai Trail.

Sept. 26 E-3, R-3, and Air 1 responded to Wailua Falls for a missing swimmer, found victim in 20 feet water. Retrieved body and airlifted to LZ.

Sept. 28 E-1, T-1, OSB Jetski 1, responded to 2 swimmers in distress @ Anini Channel. Off duty FF Thayer swam out to swimmers, OSB Jetski brought both swimmers and FF Thayer back to shore.

Sept. 30 E-1 and T-1 assisted sick hiker out of Hanakapiai Trail.

### **October 2010:**

Oct. 3 E-7, T-7, E-6, T-6, E-5, T-5 and R-3 responded to a structure fire up @ Kokee.

Oct. 5 E-8, t-8, E-2, T-2, R-3, and Air 1 responded to a missing diver fronting Coral Reef Hotel. Victim was found by fellow divers, brought to shore, and CPR initiated.

Oct. 9 E-1, T-1 responded to Queens Bath trail for an injured visitor.

Oct. 11 E-2, T-2, and R-3 responded to Loop Road for missing hikers. E-2 located hikers at trail head.

Oct. 16 E-8, T-8, E-2, T-2, and R-3 responded to a Brush fire adjacent to Kapa'a Middle School.

Oct. 21 E-4, BT-4, R-3, E-3, E-5, T-6, T-1, T-2, Air 1, and BC2 responded to a brush fire @ Alakinoiki and Weliweli approximately 20 acres burned and 12 houses threatened.

Oct. 22 E-4, BT-4, E-5, T-5, R-3, and BC1 responded to rekindle brush fire.

Oct. 24 E-3, R-3, E-5, T-5, T-2, and BC1 responded to brush fire Hulemalu and Kīpū junction.

Oct. 26 R-3, Air 1, BC1, KPD, DLNR, K-9 searched for missing hiker @ Loop Road. R-3 and



Air 1 brought hiker out to LZ at 1603 hours.

Oct. 28 E-2, T-2, E-3, and R-3 responded to a structure fire @ 4489 Panihi St.

Oct. 30 E-1, T-1, R-3 responded to 2 swimmers swept out Pila'a Channel fronting Pfluegers property. Swimmers brought in by FF's Thayer and Hill.

### **November 2010:**

Nov. 1 R-3, Air 1, E-1, T-1, and Medic 22 injured hiker in Hanakoa Valley.

Nov. 15 E-1 and T-1 responded to a 74 year old who fell and rolled down trail to Anini Beach from Wylie Road. Patient suffered possible broken neck.

Nov. 16 E-1 and T-1 responded to Hanakapiai Trail for 64 year old injured male hiker.

Nov. 30 R-3 and Air 1 picked up injured 42 year old female at Kalalau Beach and transported to Princeville Airport, turned patient over to E-1, T-1, and Medic 22.

### **December 2010:**

Dec. 01 E-7, T-7, and R-3 female with a broken ankle @ Pihea Trail Alakai Swamp.

Dec. 04 R-3 and Air 1 search for missing Paraglider, body found 600 feet below Kalalau lookout.

Dec. 10 E-8, T-8, E-1, T-1, E-2, T-2, BC-1, R-3, T-3, and Training 1 structure fire Koolau Road.

Dec. 17 E-3, R-3, and BC-1 responded to Kīpū Falls for drowning victim. E-2 and T-2 responded to a victim shot in the head @ Anahola.

Dec. 25 E-4, E-3, R-3, E-5, and T-5 structure fire Aloha Pl. in Kōloa.

Dec. 28 E-8 and T-8 responded to a hanging Apelila Road.

### **January 2011:**

Jan. 14 E-1, T-1, and R-3 responded to an injured hiker ½ mile in on Kalalau Trail.

Jan. 16 E-8 and T-8 responded to a propane gas leak @ Waipouli Road.

Jan. 17 E-1, T-1, R-3, and Jack Harter Helicopter searched for dehydrated & exhausted female @ Hanakapiai, female hiked out.

Jan. 19 E-1, T-1, R-3, and Air 1 rescued male swimmer in distress @ Secret Beach.

Jan. 22 E-4 responded to a drowning @ beach fronting Waiohai, elderly male.

Jan. 27 E-1, T-1, Jetski 1, OSB, and R-3 responded to Pīla'a for a swimmer swept out.

### **February 2011:**

Feb. 11 R-3 and Air 1 rescued injured hiker @ Waipoo Falls.

Feb. 15 E-6, T-6, R-3, Air 1, Radon 1, Jetski 6, Jetski 7, USCG, and OSB searched for Ultra lite plane that crashed fronting Glass Beach.

Feb. 16 F-1, R-3, T-3, BC-1, Radon 1, Training, OSB, KPD, DLNR, and USCG resumed search for Ultra-Lite, located wreckage and removed victims.

E-3 and Air1 rescued lost hiker in Wailua Falls area and transported to Līhu'e Airport.

E-1, T-1, R-3, and USCG helicopter hoisted up dehydrated hiker from Hanakapiai Beach at 2300 hours and transported to Līhu'e Airport.

Feb. 20 E-3 and R-3 responded to a TC on Kaumuali'i Highway, 1 year old child fatality.

Feb. 27 E-4 assisted damaged one man canoe to shore.

Feb. 28 R-3 and Air 1 rescued hiker 4 miles in on Kalalau Trail.

E-5, T-5, E-6, T-6, R-3, and T-3 responded to a structure fire @ Kalāheo.

### **March 2011:**

March 1 R-3 and Air 1 rescued dehydrated hiker in Hanakoa.

March 10 E-7, T-7, R-3, and Air 1 rescued injured hiker bottom of Kukui Trail.

March 13 R-3 and Air 1 rescued male with head injury Kalalau Beach.

March 14 E-8, T-8, and Zodiac 1 responded to swimmers swept out @ Anini Beach.

March 16 E-8, T-8, and T-1 responded to a brush fire @ Larson's Beach.

### **April 2011:**

April 11 E-8 and T-8 responded to a hanging 46 y/o male.

April 22 BC-1, E-2, T-2, E-8, T-8, R-3, E-3, and T-3 responded to a structure fire @ Kamole Road.

April 28 E-1, T-1, Zodiac 1, R-3, Air 1, and OSB Jetski searched for swimmer swept out @ Hanakapiai Beach.

April 29 E-1, Zodiac 1, R-3, Air 1, and USCG resumed search for missing swimmer.

April 30 R-3 and Air 1 continued aerial search for missing swimmer.

### **May 2011:**

May 12 E-8, T-8, E-2, T-2, R-3, T-3, and BC1 responded to a garage fire @ Papau Street.

May 17 E-1, T-1, Zodiac 1, R-3, Air 1, BC1, and Jetski 1 responded to Honopu for Ultra-Lite crash. Two bodies recovered and brought to Hanalei by Zodiac 1.

May 20 E-7, T-7, R-3, and Air 1 picked up injured female hiker from Kilohana Lookout Kokee.

May 27 R-3 and Air 1 searched for someone asking for help in Hanakoa, no one found.

### **June 2011:**

June 4 E-3, R-3, T-3, E-2, T-2, BC1, E-5, and T-5 responded to a structure fire @ Alohi Street.

June 16 E-2, T-2, and R-3 responded to male with a broken ankle @ Secret Falls.

June 17 E-2 and T-2 responded to a hanging @ Kamalani Playground.

June 19 E-8, T-8, E-2, T-2, R-3, and T-3 responded to a structure fire @ Apopo Road.

June 21 T-7, R-3, and Air 1 responded to a female hiker with a possible broken ankle on Canyon Trail in Kokee.

June 22 E-2, R-3, and Air 1 responded to a male with broken ankle @ Uluwehi Falls.

June 23 R-3 and Air 1 responded to Kalalau Beach for a camper with a broken arm.

June 25 E-2, T-2, E-3, E-8, T-8, R-3, T-3 responded to a structure fire in Anahola.

June 26 E-3, R-3, T-3, and BC1 responded to Kīpū Falls, recovered 35 y/o male from pool.

June 28 E-2 and T-2 responded to Uluwehi Falls trail for a female with a broken wrist.

**EMERGENCY CALL REPORT BY INITIAL DISPATCHED UNIT**

**FISCAL YEAR JULY 1, 2010 - JUNE 30, 2011**

<b>Incident Type</b>	<b>Sta 1</b>	<b>Sta 2</b>	<b>Sta 3</b>	<b>Res 3</b>	<b>Sta 4</b>	<b>Sta 5</b>	<b>Sta 6</b>	<b>Sta 7</b>	<b>Sta 8</b>	<b>Total</b>
Fire	30	57	30	8	29	9	16	26	32	<b>237</b>
Rupture/Explosion	0	0	0	0	0	0	0	0	1	<b>1</b>
EMS/Rescue	498	634	556	487	464	354	261	260	347	<b>3861</b>
Hazardous Condition	7	4	7	5	3	3	2	2	3	<b>36</b>
Service Call	30	33	47	30	8	26	28	16	14	<b>232</b>
Good Intent	117	61	68	41	72	25	22	26	52	<b>484</b>
False Call	27	14	15	5	18	6	2	8	9	<b>104</b>
Severe Weather	1	1	0	1	0	0	0	0	0	<b>3</b>
Other	0	1	3	1	0	1	3	0	2	<b>11</b>
<b>Totals:</b>	<b>710</b>	<b>805</b>	<b>726</b>	<b>578</b>	<b>594</b>	<b>424</b>	<b>334</b>	<b>338</b>	<b>460</b>	<b>4969</b>

June 29 E-1 and T-1 assisted female with an injured knee about 200 yards in on Kalalau Trail.

## Station Response Summary by Incident Type

Date Range: From 7/1/2007 To 6/30/2008

<u>Incident Type</u>	Incident Count	Used in Ave. Resp.	Average Response Time HH:MM:SS	Total Loss	Total Value
Station ID					
<b><u>Fire</u></b>					
No Sta. Entered	3	3	00:06:48	\$0.00	\$0.00
RES3	11	11	00:26:34	\$0.00	\$15,000.00
ST1	33	33	00:16:29	\$0.00	\$0.00
ST2	72	71	00:11:02	\$455,000.00	\$1,035,000.00
ST3	68	67	00:09:18	\$7,500.00	\$7,500.00
ST4	25	25	00:10:53	\$2,350.00	\$2,350.00
ST5	26	26	00:10:21	\$31,000.00	\$31,000.00
ST6	14	14	00:06:55	\$0.00	\$0.00
ST7	57	57	00:30:02	\$10,200.00	\$10,200.00
<b>Totals:</b>	<b>309</b>	<b>307</b>	<b>00:15:02</b>	<b>\$506,050.00</b>	<b>\$1,101,050.00</b>
<b><u>Rupture/Explosion</u></b>					
RES3	1	1	00:03:47	\$0.00	\$0.00
ST1	1	1	00:07:09	\$0.00	\$0.00
ST5	1	1	00:13:57	\$0.00	\$0.00
<b>Totals:</b>	<b>3</b>	<b>3</b>	<b>00:08:17</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b><u>EMS/Rescue</u></b>					
No Sta. Entered	21	18	00:11:53	\$0.00	\$0.00
RES3	466	459	00:11:06	\$0.00	\$0.00
ST1	556	518	00:11:45	\$0.00	\$0.00
ST2	875	849	00:13:33	\$0.00	\$0.00
ST3	574	562	00:07:14	\$0.00	\$0.00
ST4	546	527	00:07:36	\$0.00	\$0.00
ST5	333	330	00:07:13	\$0.00	\$0.00
ST6	255	253	00:06:25	\$0.00	\$0.00
ST7	258	238	00:08:42	\$0.00	\$0.00
<b>Totals:</b>	<b>3,884</b>	<b>3,754</b>	<b>00:09:52</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b><u>Hazardous Condition</u></b>					
No Sta. Entered	1	1	00:04:04	\$0.00	\$0.00
RES3	5	5	00:03:17	\$0.00	\$0.00
ST1	6	6	00:08:20	\$0.00	\$0.00
ST2	8	7	00:07:30	\$0.00	\$0.00
ST3	10	10	00:06:22	\$0.00	\$0.00
ST4	2	2	00:07:42	\$0.00	\$0.00
ST5	5	4	00:18:41	\$0.00	\$0.00
ST6	4	4	00:09:01	\$0.00	\$0.00
ST7	2	2	00:08:30	\$0.00	\$0.00
<b>Totals:</b>	<b>43</b>	<b>41</b>	<b>00:08:03</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b><u>Service Call</u></b>					
RES3	42	32	00:05:52	\$0.00	\$0.00
ST1	22	18	00:13:15	\$0.00	\$0.00



## **TRAINING AND RESEARCH BUREAU**

### **PURPOSE:**

The responsibility of the Fire Department Training and Research Bureau is to train firefighters and support services personnel in a variety of disciplines. Training classes include incident command, fire suppression, fire ground tactics utilizing KFD burn trailer, emergency medical services, hazardous materials, CBRNE (chemical, biological, radiological, nuclear, explosive), apparatus training, rescues utilizing low angle, high angle, helicopter techniques, and responding in an aquatic environment. It is also the responsibility of the Bureau to structure the training of new recruits, and facilitate training courses for the Prevention, Administrative and Fiscal Bureaus.

The goal is to provide the County of Kauai with proactive response teams with professional skills and knowledge working in a safe and efficient manner. The bureau is also responsible for the research and evaluation of new equipment for cost effectiveness, compatibility, ease of use, and safety.

The Training Officer (TO), acts as the Safety Officer on major operations under the incident command system.

### **DUTIES:**

The Training and Research Bureau is staffed by 2 Training Officers, a Captain and Firefighter III who are directly responsible to the Battalion Chief of the first platoon (Red), for the overall function and operations of the Bureau. The Training Officers are charged with the responsibility to administer the planning, organization, implementation, monitoring and record keeping of the Fire Department's Training Programs. They also conduct research, test and recommend changes to newer or improved fire suppression technology; safer and more efficient operations and procedures in all disciplines of the fire service.

### **GOALS AND OBJECTIVES:**

To develop and maintain a proficient, professional and structured training program that will enhance service to the community and safety for department employees.

1. Enhance safety programs. Train firefighters to think and practice safety at all times on the job.
2. Standardize drills to give personnel structured training throughout the department.
3. Conduct on duty training regiments on the burn trailer, extrication, and pump operations to further streamline training costs.
4. Develop curriculum for promotional positions.
5. Continue to utilize FEMA reimbursed classes to supplement department training.
6. Assist in developing an on-scene rehab policy.
7. Review and update department training manuals.
8. Adhere to national standards of firefighter and incident command training.
9. Utilize computer programs to maintain complete and accurate drill records for all personnel.
10. Train to the highest medical standards possible.

11. Replace the training Blazer with a crew cab four door diesel pickup to tow equipment and transport personnel.

#### ACTIVITIES AND TRAINING:

Training Bureau started research and development on integrating Mobile Data Terminals, GIS mapping, Automatic Vehicles Locator, and Computer Assisted Dispatch into all fire department vehicles.

Firefighter's are recertified or have refresher classes annually in the following areas:

- Cardio Pulmonary Resuscitation (CPR) Responders and Instructors
- Automatic External Defibrillator (AED) usage
- Water Rescue (USLA)
- Basic Life Support 1<sup>st</sup> Responder
- HAZMAT Technician
- HAZMAT Operations
- Driver Training

The following drills are conducted on a regular and continuing basis at our 8 district stations through monthly training matrix.

- Initial Attack
- Heavy Streams
- Self Contained Breathing Apparatus
- Ladder
- Rescue
- Forcible Entry
- Ventilation
- Salvage & Overhaul
- Pump Operations
- Driver Training
- Foam
- Fixed Extinguishing Systems
- HAZMAT
- CPR
- First Aid

Fire personnel attended the following training sessions on Kauai:

1. Civil Support Team (CST) Field Exercises and Scenarios
2. Advance Group Crisis Intervention
3. Group Crisis Intervention
4. Rescue Craft Operator
5. NFPA Building Code



6. CAFS Class
7. Risk Management
8. Helicopter Awareness
9. GATEWAY
10. Rescue System 1

Classes from the National Fire Academy:

1. Leadership
2. Preparation for Initial Company Ops

Fire personnel attended the following off island training sessions and conferences:

1. HAZMAT Technicians- Oahu
2. HAZMAT Technicians- Maui
3. USAR- Oahu

Fire personnel attended the following out of state training sessions and conferences:

1. IRTB Training- New Mexico
2. FEMA CBIRNE Training - Alabama
3. National Fire Academy- Maryland

**VIDEO TRAINING:**

KFD is using a Video Streaming Training Program that is accessible at each station, via the intranet. The program covers a variety of fire related topics and training, that is essential to KFD operations.

**TRAINED PERSONNEL:**

At the end of Fiscal year 2010-2011 the Department was comprised of the following:

First Responders	137
CPR/AED Responders	137
HAZMAT Operations	62
HAZMAT Technicians	102
CISM	13
USAR	15

**Instructors**

CPR	10
Driving	6
Rescue	7
Water Rescue	7

## **FIRE PREVENTION BUREAU**

### **PURPOSE & INTENT:**

The Fire Prevention Bureau is tasked with the reduction and prevention of fires and life-safety hazards that lead to personal injury and property damage. Raising public awareness through fire safety education that prevents hazardous conditions from occurring, and heightening the public's awareness of fire prevention is the primary focus of the Prevention Bureau. The Prevention Bureau is also challenged with the timely inspection of schools, hospitals, care homes and other commercial occupancies to minimize hazardous fire conditions; the review and approval of commercial building construction plans to ensure compliance with the County Fire Code and required fire protection features and systems; to review, update, and enforce the County Fire Code; to investigate and determine the origin and cause of fires for statistical data and seek the prosecution of person(s) who cause incendiary fires; and to maintain inspection and investigation records for the assessment of Fire Prevention Bureau objectives in creating a fire-safe environment for the County of Kaua'i.

### **DUTIES:**

1. To promote fire prevention and life safety awareness in the community.
2. To reduce and minimize fire hazard conditions.
3. To investigate the origin and cause of fires.
4. To enforce the Kaua'i County Fire Code.

### **ACTIVITIES:**

The focus of the Bureau is to provide fire safety and fire prevention education to the schools and the community. In an effort to promote "Fire Safety", the Fire Prevention Bureau participates in various business and community activities. These activities include, but are not limited to: Fire Prevention Week, job fairs, career fairs, fire extinguisher training, fire safety education workshops and fire safety displays.

The Prevention Bureau applied for the Assistance to Fire Fighters Grant (AFG) to purchase a Combination Fire Safety/Sprinkler House Trailer. This portable trailer unit has built in simulation features including a mock living room, kitchen, bedroom, smoke detectors, fire alarm stations, 911 phone station, non-toxic smoke generator, fire simulation and a functional sprinkler system that is a scaled down version of an actual system. If awarded, this unit will be used to educate children of the risks and dangers of playing with matches; planning escape routes for their homes including a safe meeting location for the whole family; the stop-drop-and-roll technique in case their clothing should catch on fire; and other basic safety guidelines that all children should practice.

It will also provide fire safety demonstrations and refresher information in our local schools and our Senior Citizen Centers and elderly home care facilities. Fire safety principles are stressed to these priority groups to help reduce fire related deaths and injuries.

Homeowners will benefit with smoke detector awareness, safe cooking and stove maintenance, fire escape and evacuation procedures along with proper storage of flammable products.

The Bureau has implemented an “in today – out today” priority rule with the reviews and approvals of the majority of building permits. Along with the review of building plans comes the education of contractors, architects and engineers on the current codes and trends. This lends itself to ongoing communications with different businesses and members of the community for clarification and formal interpretations on the Fire Code.

With the Company Inspection Program evolving, we are trying to aid the community, Line Personnel and the Prevention Bureau with the inspections of independent businesses within their respective districts. These inspections are intended to re-establish communication and awareness in the business community. They are also needed for the establishment of a Hazard Assessment protocol now under development.

The Statewide School Fire Inspection Program with the cooperation of the State Fire Council (the four County Fire Chiefs), the Department of Education, and the Department of Accounting and General Services continue to provide solutions for Fire Code violations by establishing statewide standards. The goal of the DOE is to meet all Fire and Life Safety concerns, and they are working diligently toward compliance.

The Prevention Bureau has undergone a change in personnel with the promotion of a new Captain. There was a promotion of a Fire Inspector I to a Fire Inspector II. There was also a promotion of a Firefighter II to a Firefighter III, to fill the Fire Inspector I vacancy.

Throughout the year, Prevention Bureau personnel conducted fire extinguisher training classes, fire prevention and life safety classes, and participated in other training sessions when requested by community groups, businesses, and educational institutions (Kaua‘i Community College). The Prevention Bureau participated in career fairs at various elementary, middle, and high schools, promoting the Kaua‘i Fire Department as a career choice. The Bureau had the opportunity to help with our Community Emergency Response Team volunteers on numerous occasions from training sessions to passing out vital information at the County fair for disaster preparedness.

The Bureau has worked in conjunction with the Firewise program to educate the community on protecting their homes from wildfires. Information was disseminated at the County Fair as well as the Ag Awareness Day event put on for 5<sup>th</sup> grade students on the island. Training sessions were conducted for Fire Department personnel at various fire stations in high risk districts. These informed firefighters can now spread firewise safety messages to the inquiring public, as well as information on how communities can apply for Federal grant monies to help mitigate wildland urban interface issues.

“Sparky the Fire Dog” made cameo appearances at various community events i.e., Waimea Town Christmas Parade, Lihu‘e Christmas Lights Parade, Kaua‘i Farm Bureau Fair, and the Department of Water’s “Project Wet” program, and the Keiki Cover Search.

The Prevention Bureau also attended various classes to keep current on new innovations in our profession. We had inspectors attend a class on Maui put on by The National Fire Sprinkler Association. This three day class covered National Fire Protection Association standards pertaining to: Inspection, Testing & Maintenance of Water-Based Fire Protection Systems, Standpipe Systems for Fire Protection Systems, Commissioning & Acceptance Testing of Fire Sprinkler Systems, and CPVC Piping Systems.

One Inspector traveled to the National Fire Academy in Emmetsburg, Maryland and completed a class in demonstrating your prevention program's worth. The knowledge that was received and put into use, raised the bar on the Bureau's educational aspect of delivery to the community.

Another Inspector obtained the training needed to implement a Youth Fire-setter Program for Kaua'i. This program will help to educate youths who play with fire, on the destruction that fires can create. Studies have shown that there is an 80% chance that youth fire-setters will continue their dangerous behavior after getting caught, if no intervention is obtained.

The Bureau has also continued their education through online and regional delivery classes throughout the year.

The Prevention Bureau had three of its members experience the court proceedings of a deposition. This was a valuable aspect of the job that happens infrequently.

The Bureau had focused its attention this past year on conducting Business Inspections at target hazard occupancies such as apartments, motels, and condominiums. A majority of these establishments on the island have been completed, many being their first time.

With the implementation of the Fire Department's new Standards of Coverage due to the brand new Kaiākea Fire Station, the Bureau has issued Knox Box lock keys to all eight fire stations. These lock boxes contain keys for emergency access into facilities for use by the Fire Department. An inventory list has also been produced and distributed to the stations regarding the locations of these Knox Boxes, with new locations being constantly updated.

The Prevention Bureau took the initiative to acquire keys for all eight fire stations for the elevator fire service lock box. An informal training was also conducted to the Bureau by a member of an elevator service company. This training was videotaped, and is in the process of being made available on the Fire Department's SharePoint.

The Bureau has become more involved with the Planning Department. We are now part of the residential subdivision review process. Fire Department comments and concerns can now be heard in the planning phases.

Meetings of the State Fire Council, Prevention Committee were continued for the implementation of the new statewide fire code. The Prevention Bureau Captains from the four counties held review sessions for the "N.F.P.A. 1 Uniform Fire Code". Once adopted, this will bring uniformity to the Kaua'i, Honolulu, Maui, and Hawai'i Fire Departments. We are currently

awaiting public hearing and County Council acceptance of the new code with local amendments.

### **Fire Prevention Week – October 3-9, 2010**

Fire Prevention Week Activities take place on the week of October 9. Fire fighters assist the Bureau with its commemoration of the Great Chicago Fire of 1871. The 2010 National Fire Protection Association’s Fire Prevention Week theme was **“Smoke Alarms: A Sound You Can Live With.”** Recognizing that smoke alarms cut the risk of dying in a reported fire in half, it was essential to reinforce this with this years’ theme. The program provided a friendly reminder for all family members.

The Bureau with the assistance of “Sparky the Fire Dog”, “Smokey Bear”, and the local fire fighters gave presentations to county wide public elementary schools. The presentations consisted of a demo program directed toward students in grades Kindergarten through Fifth. These presentations focused on the recognition of various fire hazards and the steps that are needed to evacuate the hazardous condition, and reinforced the fire safety practices taught through the Fire Fighter Safety and Health Guide Program.

The Fire Fighter’s Safety and Health Guide Program (FFSHG or Guide) has been implemented on Kaua’i for seventeen years. The Guide features a multi-paged, color booklet with fire prevention messages, fire safety messages and problem solving activities. Students in grades K through 5 draw individual home fire escape plans with the assistance of parents and teachers. Students are also encouraged to practice their fire escape plan with their families to insure that the proper procedures are followed in the event of a fire emergency.

As an incentive for student participation, the FFSH guides contained a checklist for them to take home and obtain their parent’s signature. Upon the return of this signed checklist, the student receives a coupon book with a number of valuable coupons for kids.

### Fire Investigations

Fire investigations conducted by the Bureau during the fiscal year July 1, 2010 through June 30, 2011:

#### July 2010

07/05/10	Residential Structure 141 Royal Drive, Kapaa	Accidental \$700,000
07/20/10	Residential Structure (Abandoned) 3852 Rice St., Lihue	Undetermined \$0
07/27/10	Residential Structure 4752 B Alii Rd., Hanapepe	Undetermined \$300,000

September 2010

09/05/10	Residential Structure 4391 Ehukai St., Anahola	Accidental \$7,500
09/13/10	Beachside Roofing 1870-A Leleiona St., Lihue	Undetermined \$10,000

October 2010

10/03/10	Residential Structure (Cabin) Undetermined Pu'ukapele, Kokee Cabin #53	\$250,000
10/28/10	Residential Structure 4489 Panihi St., Kapaa	Accidental \$150,000

December 2010

12/10/10	Residential Structure 6820 Koolau Rd., Kilauea	Accidental \$5,000
12/26/10	Residential Structure 3748 Alohi Pl., Koloa	Accidental \$460,000

February 2011

02/28/11	Residential Structure 2-2494 Kuhio Hwy., Kalaheo	Undetermined \$200,000
----------	---	---------------------------

April 2011

04/22/11	Residential Structure 2414 Kamole St., Kealia	Accidental \$300,000
----------	--	-------------------------

May 2011

05/13/11	Residential Structure 1617 Papau St., Kapaa	Accidental \$60,000
05/29/11	Lihue Court Townhomes – Community Laundry Room 4160 Hoala St., Lihue	Accidental \$5,000

June 2011

06/04/11	Residential Structure 3211 Alohi St., Lihue	Accidental \$430,000
----------	--	-------------------------

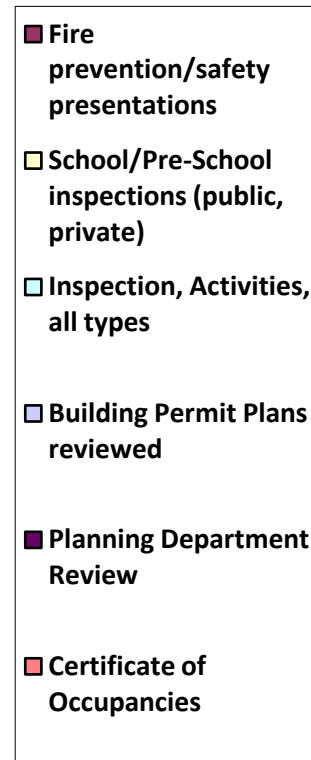
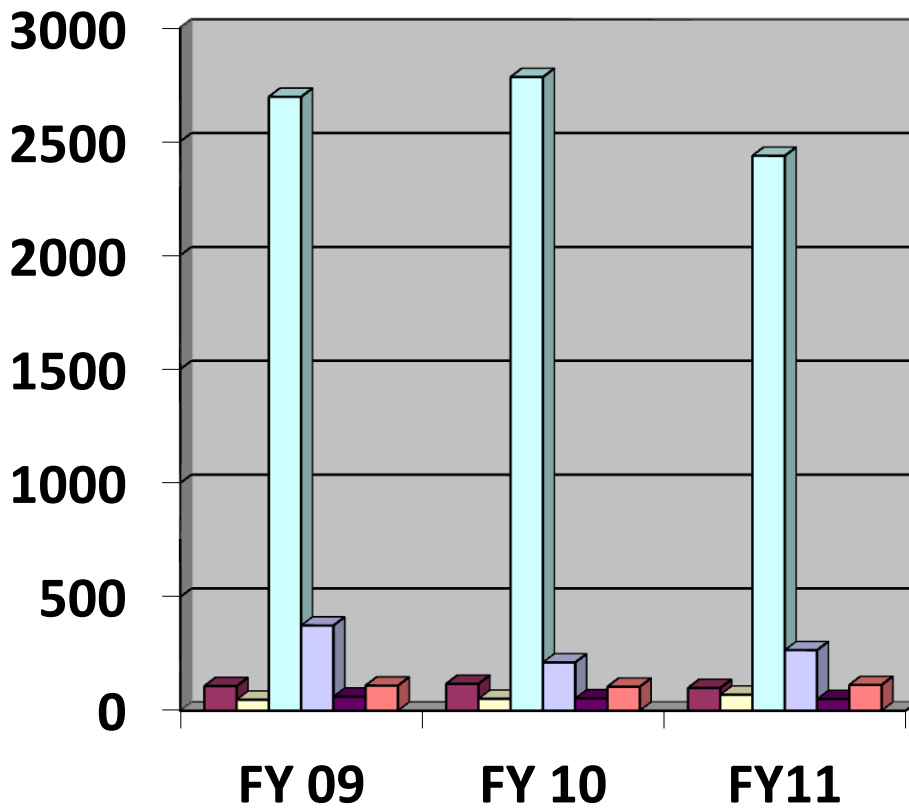
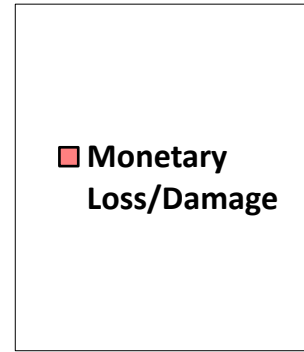
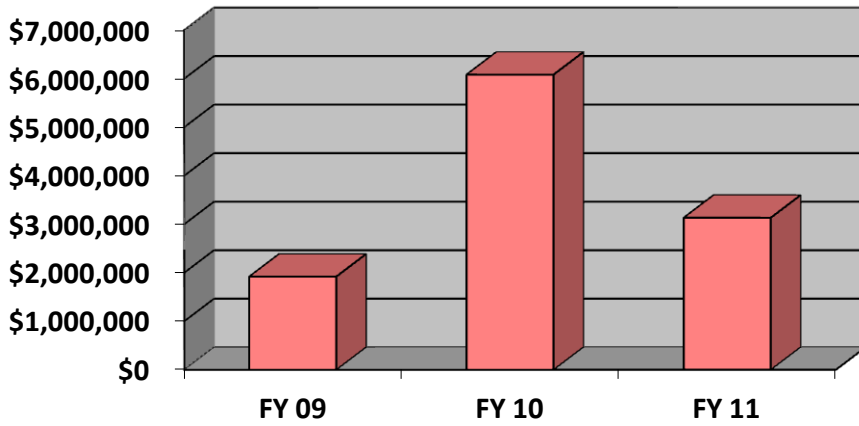
06/19/11	Residential Structure (Tool Shed) 4633 Apopo Rd., Kapaa	Incendiary \$5,000
06/25/11	Residential Structure 4326 Hakuaina Rd., Anahola	Accidental \$250,000
<b>Total Damage Amount</b>		<b>\$ 3,132,500</b>

INSPECTIONS/ACTIVITIES – ALL TYPES

Hospitals	1
Adult Residential Care Home Type II	3
Schools (Pre, public, private, adult Ed)	70
Certificate of Occupancy	113
AG/UG Tank Installation	4
Tank Removal	3
Planning Department Reviews	51
Building Permit Plans Review	266
ADU Clearance Reviews	27
Temporary Structure/Tent Permits	21
Fireworks License Applications	22
Fireworks Display Permits	205
Fireworks Inspections	62
Fire Investigations	16
Notice of Violation	0
Fire Protection Systems Review	19
Witnessed Acceptance Tests	169
Preliminary Project Reviews	17
Business Occupancy Inspections	32
Complaint Investigations	20
DOH Agriculture Burning Permits Reviewed	28
Miscellaneous Inspections	48
Re-Inspections	55
Code Research Projects	419
Scheduled Meetings/Classes/Activities	134
State Fire Council Meeting/Activity	18
HAZMAT Activity	0
Correspondence In/Out	182
Fire Extinguisher Training	39
Station Delivery/Pick Ups	24
Miscellaneous	369
Total Activities	2,437

PREVENTION ACTIVITY	FY 09	FY 10	FY 11
Fire prevention/safety presentations	108	118	100
School/Pre-School inspections (public, private)	48	52	70
Inspection, Activities, all types	2,696	2,783	2,437
Plans reviewed	374	212	266
Fires Investigated	17	14	16
Monetary Loss/Damage	\$1,919,500	\$6,081,700	\$3,132,500





## OCEAN SAFETY BUREAU

### **MISSION STATEMENT:**

The mission of the Ocean Safety Bureau is to provide a comprehensive ocean safety and lifeguard program for the island of Kaua'i. That includes prevention, response, rescue and public education components.

### **PROGRAM:**

The Kauai Fire Department, Ocean Safety Bureau has the responsibility to provide ocean safety awareness, safeguarding beach patrons, responding to emergencies, and providing medical aid. A professional lifeguard service protecting Kauai's residents and visitors. The Ocean Safety Bureau program also includes prevention, risk management, ocean rescues, completing records and reports, training and maintenance of equipment, and public education programs. With support of different community groups, like the Kauai Water Safety Task Force, Hawaiian lifeguard Association, Kauai lifeguard association, The Kauai Visitors Bureau, State Water Safety Task Force, The Rotary Clubs, and the Office of Economic Development, the goal of raising ocean awareness is being realized.

Manpower is the most vital component to any life guarding service. There are 45 full-time positions, and 5 On-Call lifeguard positions, in the Ocean Safety Bureau, 4 of that full time positions are State funded for Kē'e Beach. OSB has a three district operation, District #1= North, District #2 = East, and District #3 = South/West, with an overall Island water safety supervising officer overseeing the ocean safety bureau. The WSO III training position is responsible of keeping all mandatory certification training up to standards and creating training to the highest effective level.

There are a total of ten lifeguard towers in operation full-time, North district = Hanalei (Pavilion), Hanalei (Pine trees), Hā'ena Beach Park, and Kē'e beach. East district = Anahola, Keālia, and Lydgate beach park. And the South/West district = Po'ipū, Salt Pond, and Kekaha Beach.

Equipment is another important part of the rescue operations. We currently have the three districts with rescue crafts (Jet Ski), and with the Fire Departments rescue boats the Island of Kauai is well covered by ocean going vehicles. All terrain vehicles (ATV) are also used in the OSB's operation Kealia, Haena, Kē'e, Lydgate, Anahola, and Kekaha Beach, which are utilized in a professional and successful manner. 3 new utility vehicles (Mules) are also stationed at vary locations to assist with patrols and response times.

### **PROGRAM OBJECTIVES**

- To promote ocean safety awareness in the community, and develop a drowning prevention educational program.
- To provide lifeguard services at beach areas around Kauai as determined by risk management, demographic analysis and resource allocation.

- To maintain and develop training programs to assure our personnel are at the highest effective level.
- To develop and implement an effective management structure with an appropriate span of control.
- To increase personnel to a more effective level.
- To reduce response times and increasing the chain of survival by upgrading to the state of the art equipment.
- To integrate smoothly with current emergency response units

## **ACTIVITIES**

Education is a huge part of the Ocean Safety Bureau's program. The Junior Lifeguard program is an ongoing success, targeting 13 to 17 year old young men and women. In 2010, the Ocean Safety Bureau trained more than 175 students. Some of the students won individual State Championship awards and Kaua'i's team won the overall State Championship for the seventh year in a row. There were 5 different locations, Salt Pond, Poipu, Lydgate, Hanalei, and Kalapaki. With 5 locations we could cover most of the Island to educate Kauai's youths of ocean safety awareness and keep the next generation active, drug free, and positive. This program was made possible by a number of community groups and agencies, like the Kauai Lifeguard Association, Hawaiian Lifeguard Association, Water Safety Task Force, and Fire Department.

OSB is involved with a number of community service events around Kaua'i. OSB was involved with the Kukui'ula Canoe Club annual ocean festival at Po'ipū beach, and the annual Steinlager World one man canoe race. Other community groups like High school career days, old Kōloa day's, Līhu'e lights and Waimea town parades, and different intermediate schools also benefit from the awareness presentations from OSB.

Beach Safety Week was celebrated on Kaua'i during the month of May 22-29, 2011. Kaua'i also hosted the state Jr Lifeguard Championships at Kalapakī Beach.

Ocean Safety Bureau hosted the Annual State drowning prevention ocean safety conference. Speakers and lifeguard agencies from around the State. Speakers shared very important topics involving ocean safety. The conference was a big success targeting the visitors industry.

Mandatory training has been ongoing to warrant the highest level of a professional. Training includes Open Ocean Lifesaving training following the guidelines of the United States Lifeguard Association (USLA), annual First Responder recertification, and annual CPR/AED certifications. An ATV safety rider's course and future Emergency Vehicle Driver Training certifications will become mandatory.

The Rescue Craft Program has become mandatory training because of the numerous outstanding rescues and the reduction of drowning and the increase of community prevention's and awareness. The Rescue Craft Program has definitely enhanced the OSB's service, by reducing response times, extending coverage, and the lifesaving techniques are setting standards worldwide.

Additional rescue craft training was provided by the OSB staff. Future goals are to work together with the outer Islands and the union to create a rescue craft operator position. A supplemental agreement has been established for operator and crew member pay.

All trucks are equipped with AED's, O2 units, 1st aid kits, and all proper ocean rescue equipment. All the trucks are available to respond to any ocean related emergencies and will not have to use the tower equipment.

There were 8 deaths, related to drowning from swimming, snorkeling or diving accidents. occurred at unguarded beaches, one at the Wailua River, this was an increase of 3 over the previous year. With 332 rescues and 52 assists we had the potential for a much higher count. Also note the rescues do not count the Fire Department rescue, local surfer rescues, or other public assistant rescues.

**ACTIVITY SUMMARY:**

The FY ending 30 June 2011 was an average year statistically speaking with 8 drowning and 70% of those being visitors to Kaua'i and 50% of the drowning were in the winter months.

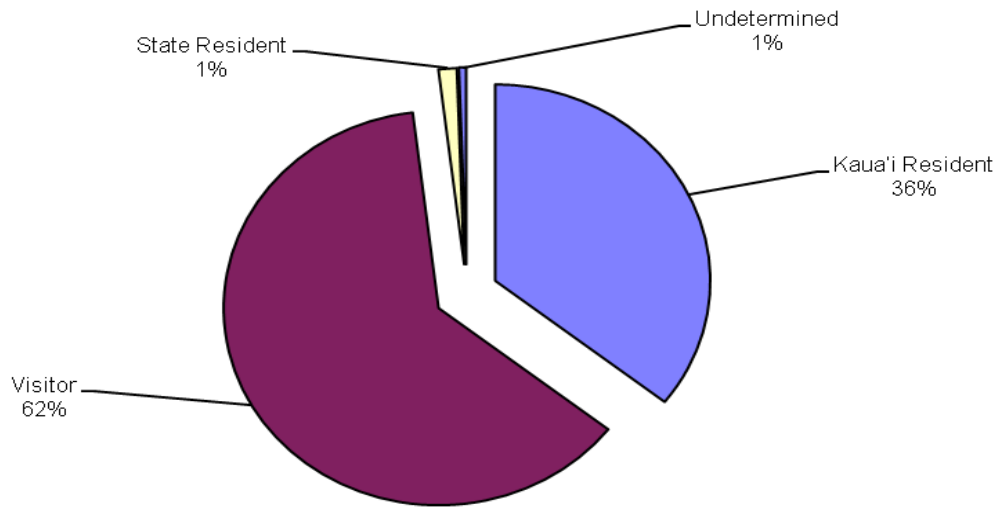
**Tower Activity – Summary**

Drownings	8
Rescues	332
Assist	52
ER Transport	21
Public Contact	170,619
**Preventive Action	92,138
**Minor First Aid	3,243
*Jet Ski rescue	87
*Sunbathe	1,141,952
*Swim	293,924
*Surf	158,314
Total participants on Guarded Beaches	1,665,227

- \* Sunbathe, swim and surf counts are included in Participants on Guarded Beaches total.
- \*\* Preventive Action and Minor First Aid counts are included in Public Contact totals.

Note: Participants on guarded beaches: Physical counts are taken three times daily at 10:00 a.m., 1:00 p.m. and 4:00 p.m. The following figures reflect the average of these physical counts.

### Drowning by Person Type 1972 to Present



AUTHORIZED PERSONNEL  
June 30, 2011

**ADMINISTRATION**

Fire Chief	1
Deputy Fire Chief	1
*Administrative Officer	1
*Accountant II	1
*Public Safety Services Secretary	1
*Senior Account Clerk	1
*Account Clerk	1
*Senior Clerk	2

**MAINTENANCE**

*Fire Equipment Mechanic	1
--------------------------	---

**TRAINING BUREAU**

Fire Captain	1
Fire Fighter III (Trainer)	1

**FIRE PREVENTION BUREAU**

Fire Captain	1
Fire Prevention Inspector II	1
Fire Fighter III (Prevention Inspector)	2

**FIRE SUPPRESSION & HAZMAT/RESCUE**

Battalion Chief	3
Fire Captain	27
Fire Fighter III	27
Fire Fighter I	54
Fire Fighter II (Rescue)	6
Fire Fighter II (HazMat)	9
Fire Fighter Trainee	6

**OCEAN SAFETY BUREAU**

Water Safety Supervising Officer	1
Water Safety Officer III	4
Water Safety Officer II	40

**SUB-TOTALS**

Uniformed Personnel – Fire	140
Uniformed Personnel – Ocean Safety	45
*Civilian Personnel	<u>8</u>

**GRAND TOTAL**

**193**

**RETIRED FIRE PERSONNEL**

**EMPLOYEE**

**POSITION**

**RETIRED**

Michael K. Williams

Fire Fighter III

12/30/10

Edson Martin

Fire Captain

05/31/11