

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

**MISSION STATEMENT**

To preserve and protect life, property and the environment of Kauai County from all hazards and emergencies.

**DEPARTMENT GOALS**

The men and women of the Kauai Fire Department are dedicated and highly motivated to make 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 National 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 207 employees--146 uniformed fire personnel, 52 uniformed ocean safety personnel and 9 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 (eight) engine pumpers, 8 (eight) mini-pumpers, 1 (one) HAZMAT response vehicle, 1 (one) Heavy Rescue, 1 (one) 26' Rescue Boat, 1 (one) 19' Zodiac Rescue Boat, 1 (one) 19' Whaler, 6 (six) rescue water craft.

## **HIGHLIGHTS:**

Accomplishments for the year:

The department received much kudos from the public for their individual and team efforts in saving lives and rescuing people in harm's way.

The Department graduated the 26<sup>th</sup> recruit class on 24 March 2016.

Operation Bureau distributed and installed over 100 home smoke alarms in a community wide effort as part of and continues to provide more homes as they partnered with the American Red Cross who supplied another 100 detectors the State of Hawai'i Department of Health Fall Prevention.

The Prevention and Education trailer has been a resounding success in the community with over 10,000 public encounters. The seventh annual brushfire mitigation meeting was held at the beginning of the summer season for the major landowners of Kaua'i.

This year the Fire Department responded to over 5,908 calls for assistance a slight increase over the previous year. We had 301 Fire calls of which we investigated 17 fires this year with a total value loss estimate of \$1,329,900.00 in damage and property. The three busiest stations all ran 800 plus calls each they responded to 42% of the calls total each station running 14% individually. We responded to 4,382 medical calls a decrease of 14 medical calls. Total calls are up 34% since 2002.

The Water Safety Officers have done a tremendous job in securing the safety of our public and visitor alike. We have had good year with only 8 drownings and increasing beach visitor counts. But we were able to record over 230 rescues 146 using rescue water craft. This year we estimated over 2,205,129 sunbathers, surfers, and swimmers enjoyed our beaches, this is double of the last years tally. The Bureau recorded over 230,256 beach contacts where we informed or discussed the safety of the beaches with beach goers, everyone a potential save. 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 resounding success and Kaua'i was announced the Hawai'i State Overall Champions for a 12th year in a row at Hapuna Beach, Hawai'i. The Keiki Guard program continues to be a success with more students than the current program can handle turning away 20 to 25 last year. The cooperation between private organizations and government are what makes our education programs so successful. The WAVE (water awareness visitor education) 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. The Rescue Tube initiative sponsored by the Rotary Club of Hanalei Bay has placed over 200 tubes around the island with a lifesaving credit of over 120 lives. We were successful in getting a couple of questions in the KEDB exit survey and preliminary results show where we need to target our public education market.

## **ACTIVITIES:**

The outstanding Firefighter of the Year, Jason Pablo and Ocean Safety Officer of the year, Sanoe Hookano both were honored at the annual employee recognition banquet held at the Kauai War Memorial Convention Hall.

Fire Prevention Week Activities took place the week of October 9. It is a commemoration of the Great Chicago Fire of 1871. The 2013 National Fire Protection Association's Fire Prevention Week theme was "**Hear The Beep, Where You Sleep**".

The entire department completed the new High Performance CPR training so we are in compliance with the national standard.

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 conducted 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 Department's 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 December fire companies continue to assist the Department of Land and Natural Resources in its crusade to assist with the aiding of fallen Newell Shearwaters.

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.

10 Firefighters completed the National Registry for Emergency Medical Responders program and certification and now the total in the department to 38.

### **July 2015**

Strategic Plan Steering Committee Meeting

Mayor's recognition of Good Samaritan ocean rescue assists by Public Works employee and an 18 year old

Recognition for boat captain for supporting the Waimea crew

Sparkey Trailer at Hanalei Jr. Lifeguard program

Island Lifeguard Championships

DLNR Safety Video

Sparkey Trailer at Easter Seals and Koloa Plantation Days

Jr. Lifeguard Island Championships – Kona

KPD Recruit Graduation

IPAC Meeting – Fall Prevention for Elderly

Promotional Pinning

Na Pali Challenge

### **August 2015**

Fire Safety Trailer at All Saints Church Safety Day

Sparky and OSB trailer at County Fair

### **September 2015**

9/11 Remembrance

Safety trailer at Kawaikini and Punana Leo Preschool

Health and Wellness Fair

Fire Safety Guides being distributed to all schools

Prevention booth at Health and Wellness fair

Waipa Educational Center Grand Opening

Safeway presented to Kauai Jr. Lifeguards @2500.00

Open House at PMRF

Project "WET" at Department of Water

Kmart National Safety Event

Mayors Proclamation for Fire Safety Prevention Week

Station 3 assisted with Dept of Water Make a Splash event

OSB and Fire Prevention Trailer at Kmart National Safety Event

OSB Prevention Capt. briefing to Boy Scouts on Ocean Safety

### **October 2015**

Prevention and OSB Trailers at Home Depot Safety Program

Proclamation signing with Governor  
Fire extinguisher training at KGEFCU  
Fire safety talk at Lihue Neighborhood Center  
OSB Prevention Trailer at Chiefess Middle School  
OSB and Prevention Bureaus attended career day at Chiefess Middle School  
OSB installation of signs at beaches

### **November 2015**

Wellness Fair  
Veterans Day Parade

### **December 2015**

Fire Extinguisher training at Aqua Engineers  
Lights on Rice Parade  
Fire Extinguisher training for Wyndham employees  
OSB prevention trailer participated in the Kukui Grove Light Parade and Lights on Rice  
Waimea Light Parade  
Holly Jolly at County Building

### **January 2016**

Waimea and Lihue stations assisted with removal of Christmas lights  
Fireworks show at Po'ipū Beach  
KLA Third Wave Mahalo Party  
Sparky Trailer starting with "hands-only CPR" training at schools  
OSB attended Career day at Kalaheo Elementary  
OSB participated at Kalaheo School Career Day  
Prevention Bureau starting new program at schools using STEM basis

### **February 2016**

Fire personnel training with Gas Company  
Kalaheo School Career day  
Kapaa HS Career Day  
Fire/Law enforcement Canoe race  
Boating safety class  
Waimea Town Celebration OSB escort for canoe races

### **March 2016**

Ongoing "hands only CPR" at schools  
CKMS Jr. Lifeguard Presentation  
USLA Safety Training at Kē'ē  
26<sup>th</sup> Recruit Class Graduation

OSB Prevention – Water Day at Wailua River  
Prince Kūhiʻō Day Celebration at Anahola  
CERT Class Graduation  
CERT classes start in high Schools

### **April 2016**

Tele communicator Proclamation  
CAK Home Show participation by Prevention with focus on Fall Prevention  
Fireworks display at Hyatt, Poʻipū  
Fall Prevention visits at Lihue Court Townhomes  
USLA Safety training at Kēʻē Beach  
Career day at Kapaa Middle School  
PA Systems installed at Lifeguard Towers (Poʻipū, Hāʻena, Kekaha and Pavilion)  
New Beach Safety display installed at Hawaiian air Baggage conveyer  
OSB Career day at Koloa Elementary School  
OSB and Koloa Station participated at Koloa School Career Day  
Military Appreciation Luncheon at PMRF  
World Challenge – Wailua to Salt Pond  
OSB conducted an information meeting at Chiefess for Jr. Lifeguard

### **May 2016**

Kauai World Challenge  
Jr Life Guard Registration started  
Poʻipū Challenge  
OSB Trailer at King Auto and Kukui Grove (Boating Safety Week)  
OSB Prevention Trailer at King Auto  
Jet Ski display at Kukui Grove for Boating Safety week  
OSB presentation at Koa Kea Hotel for Ocean Safety for employees  
KLA presentation at King Auto

### **June 2016**

OSB V Jet Ski operator training for Navy Seals at Kāneʻohe Marine Corp Base  
OSB safety training to staff at Koa Kea Hotel  
Proctor employees from KFP for fire extinguisher certification  
Keiki and Jr. Lifeguard Program ongoing

## OPERATIONS BUREAU

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

The fire line suppression is comprised of 3 Battalion Chiefs, 135 Fire line personnel, 21 Fire Suppression Captains, 3 Hazmat Captains, 3 Rescue Captains, 27 Fire Apparatus Operators, 9 Fire Rescue Specialists, 9 Hazardous Materials Technicians, and 63 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 45 fire fighters. Each platoon staffs 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 three Fire Rescue Specialists. The Līhu‘e Fire Station is the designated home base for the Rescue team.

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 is a nine person station.

### **HIGHLIGHTS:**

#### **July 2015**

- 2** E-8, T-8 responded to a brush fire in Anahola.  
E-8, T-8 responded to a brush fire between roundabout and church on Kapaa bypass road.  
E-8, T-8 responded to a brush fire by Anahola water tank.
- 3** E-3, R-3 responded to a brush fire on side of Kapule Highway between airport and Hanamā‘ulu Bay.  
E-8, T-8, R-3, WT1, E-2, T-2, T-1 responded to a brush fire between Keālia and Anahola.
- 4** E-4, T-4 responded to a brush fire adjacent to CJM Stables.  
E-8, T-8 responded to a brush fire north of crack 14.  
E-8, T-8 responded to a small fire behind Malama Aina Pl.
- 28** E-2, T-2, R-3, and Air 1 responded to an injured hiker on Sleeping Giant.
- 29** E-7, T-7, R-3, and Air 1 retrieved a hiker who fell in Waimea Canyon, patient brought to Waimea Canyon Park.
- 31** R-3 and Air 1 rescued a 35 year old male hiker in Hanakāpī‘ai.  
  
R-3 and Air 1 rescued a 19 year old female with an injured ankle at Hanakāpī‘ai Falls.

R-3 and Air 1 airlifted out a 25 year old male vomiting from Hanakāpī'ai beach.

### **August 2015:**

**03** E-6 and T-6 responded to a brush fire across Hanapepe cemetery.

E-1, T-1, R-3, and Air 1 responded to Queen's bath for a 61 year old female with a possible broken foot.

E-6 and T-6 returned to a brush fire same location as earlier fire.

**04** E-1, T-1, R-3, Air 1 responded to Queen's bath for an injured male.

E-8 and T-8 responded to a boat washed up on shore possible tsunami debris in Kapaa.

**06** E-6, T-6, E-5, T-5, responded to a structure fire in 'Ele'ele.

E-4, T-4, T-6, R-3, Air 1, BC 3 responded to a brush fire in Koloa.

**07** E-6, T-6, E-5, T-5 responded to a structure fire in Hanapepe.

**08** E-6 and T-6 responded to a brush fire at Salt Pond.

R-3 and Air 1 responded to Hanakoa for a female swept downstream.

**10** OSB, E-4, T-4, Medic 24 responded to Brennecke's beach for 2 swimmers in distress. OSB brought swimmers to shore.

**14** R-3, Air 1 responded to Hanakāpī'ai for a female with an injured ankle.

**20** E-2, T-2, R-3, and Whaler 1 responded to Uluwehi Falls for an injured hiker.

**24** R-3 and Air 1 responded to Hanakāpī'ai for an injured hiker, patient was airlifted to Princeville airport and turned over to E-1, T-1, and Medic 22.

**28** R-3 and Air 1 responded to mile marker 7 on Kalalau trail for a body recovery.

### **September 2015:**

**06** E-1, T-1, R-3 and Air 1 responded to Hanalei Valley for a lost hiker, located hiker and short hauled him back to trail head.

**08** R-3 and Air 1 rescued a 60 year old male with a dislocated hip on Kalalau beach.

**12** R-3 and Air 1 responding to mile marker 7 on Kalalau trail for 2 hikers waving frantically to



tour boats.

**19** E-2, T-2, R-3 and Air 1 responded to Uluwehi Falls for people stuck across stream due to flash flooding.

**20** R-3 and Air 1 responded to Hanakoa for a dehydrated female hiker.

**27** E-2, T-2, R-3 and Air 1 responded to Uluwehi Falls for an injured female.

E-2, T-2 and R-3 responded to Kuilau trail for an injured female hiker.

R-3 and Air 1 responded to Mile marker 6 on the Kalalau trail for an injured hiker.

**30** E-2, T-2 and R-3 responded kayakers in distress up the Wailua River.

### **October 2015:**

**12** T-7 and R-3 responded to Awaawapuhi trail for a 62 year old male who slipped and fell, unable to walk.

**13** E-2, T-2, R-3 and Whaler 1 responded to Uluwehi Falls for an injured hiker.

**20** E-6, T-6, E-5, T-5, E-7, T-7, R-3, T-3, and BC 2 responded to a structure fire on Hanapepe Road.

**23** E-2, T-2, E-3, R-3, T-3 and BC 1 responded to a structure fire on Mahuahua Road in Anahola.

**25** E-6, T-6, E-5, T-5, E-7, T-7, R-3, T-3 and BC 2 responded to a shed fire on Akalei Street.

E-1, T-1, R-3 and Air 1 responded to Queens Bath for an injured 35 year old female.

### **November 2015:**

**02** E-7, T-7, R-3 and Air 1 airlifted sick male out of Hanakoa.

E-3, R-3 and Radon 1 assisted Coast Guard in Nāwiliwili harbor to clear channel.

**04** E-6 and T-6 investigate residence for a mattress set on fire.

**05** E-1, T-1, R-3, Air 1 and OSB Jet Ski responded to a missing swimmer at the end of Waiakalua Road. Jet Ski found swimmer and brought to shore, no medical assistance needed.

**08** R-3 and Air 1 responded to mile marker 4 on Kalalau Trail for a 50 year old with chest pains,

patient was transported to Princeville airport and turned over to E-1, T-1 and Medic 22.

**13** E-3, R-3, T-3, E-5, T-5, and BC 3 responded to a structure fire on Welau Street in Puhi.

**15** E-8, T-8, E-2, T-2 and BC 1 responded to a brush fire on Kukuihale road in Anahola.

T-7, R-3 and Air 1 responded to Pihea trail for a 62 year old injured female hiker.

**17** E-7, T-7, R-3 and Air 1 responded to Awaawapuhi trail for a hiker having a hard time walking out. E-7 personnel assisted male out.

**18** DOFAW, Captain Metivier and Air 1 investigated reports of a brush fire in Kalalau Valley.

**21** E-3, R-3, T-3, E-2, T-2 and BC 2 rescued a male who jumped off Wailua Falls.

**24** E-1, T-1, R-3 and Air 1 rescued a 52 year old male with a possible broken ankle on the Okolehau trail.

#### **December 2015:**

**02** T-7, R-3 and Air 1 rescued a female hiker 1 ½ mile in on the Waimea Canyon Trail.

**06** E-4 and T-4 responded to a traffic fatality on Kaumuali'i Highway.

**07** E-1, T-1 and OSB Jet Ski responded to Big Channel at the end of 'Anini road for a 61 year old male swept out.

**12** E-1, T-1 and OSB Jet Ski rescued a male at Queen's Bath.

**16** E-3 and R-3 responded to a hanging at Hoomana/Kaumuali'i intersection.

**17** E-3, R-3, T-3, E-5, T-5, E-2, T-2, BC 3 responded to a vehicle fire in warehouse in Puhi.

**19** E-1, T-1, R-3, Air 1 and OSB jet ski responded to a swimmer swept out of Hanakāpī'ai. Coast Guard located and retrieved swimmer, dropped off at Lihue airport.

**22** E-8, T-8, E-2, T-2, E-3, R-3, BC 2 and T-5 responded to a brush fire in Anahola.

**24** E-1, T-1, R-3 and Air 1 short hauled 62 stranded hikers out of Hanakāpī'ai due to flooding.

**26** R-3 and Air 1 airlifted injure male hiker from Hanakāpī'ai to Princeville airport, turned over to E-1, T-1 and Medic 22.

**30** E-4, T-4, R-3 and OSB Jet Ski responded to area west of Lāwa'i Beach Resort.

## **January 2016:**

- 02** E-7 and T-7 responded to a cabin fire in Koke'e, neighbor's extinguished fire.
- 03** E-1, T-1, R-3 and Air 1 rescued male with a possible broken ankle at Queen's Bath.
- E-7 and T-7 responded to a traffic fatality on Kaumuali'i Highway.
- 06** E-1 and T-1 responded to Kauapea for three swimmers in distress, one transported to Wilcox by Medic 22.
- 08** E-2, T-2 and Whaler 1 responded 1 ½ miles outside Kapaa boat ramp for a disabled jet ski with three teenagers onboard.
- 22** E-3, R-3, Air 1 and BC 3 responded to Wailua Falls for a 71 year old male who fell off trail.
- 26** E-4, T-4 and OSB Jet Ski responded to a kite surfer in distress offshore in Po'ipū, no assistance needed kite surfer made it to shore.
- E-8, T-8, E-2, T-2, R-3, WT 1, BC responded to brush fire on Kukuihale road in Anahola.
- 27** E-8, T-8 and T-2 responded to a brush fire on Kukuihale road in Anahola.
- 28** E-3 and R-3 responded to a two vehicle traffic accident west of Knudsen gap.
- 31** E-8, T-8 and T-2 responded to a brush fire in Anahola.

## **February 2016:**

- 01** E-6, T-6, T-5 and T-7 responded to a brush fire Oceanside of Burns Field.
- E-8, T-8 and T-2 responded to a brush fire on Pilipoli Road in Anahola.
- 06** T-8, E-2, T-2 and BC 1 responded to Kamalu road for a brush fire on top of Sleeping Giant.
- 07** E-8, T-8, E-2, T-2, R-3, T-5 and BC 3 responded to a brush fire in Anahola.
- 08** T-8 responded to a tree on fire in Anahola.
- E-6, T-6, E-5, and T-5 responded to brush fire on Akalei St. in 'Ele'ele.
- 13** E-8, T-8 and T-2 responded to a brush fire in Anahola.
- T-8 and T-2 responded to another brush fire in Anahola.
- E-1 and T-1 responded to a brush fire mauka of Lumaha'i lookout.

15 E-6 and T-6 responded to a brush fire at Glass Beach.

16 R-3 and Air 1 airlifted injured hiker from Hanakāpī'ai to Kē'ē.

18 E-7, T-7, E-6, T-6, R-3 and BC responded to a structure fire in Kekaha.

E-1, T-1, R-3 and Air 1 responded to Queen's Bath for an injured female.

19 E-1, T-1, T-8 and Prevention responded to Mediterranean Restaurant in Hā'ena for a roof fire.

20 R-3 and Air 1 responded to Hanakāpī'ai for an injured female, airlifted to Princeville airport and released to E-1, T-1 and Medic 22.

21 E-7, T-7, R-3 and Air 1 responded to an injured hiker on Kilohana Trail in Koke'e.

22 R-3 and Air 1 responded to Hanakāpī'ai LZ for a 30 year old male with an injured knee.

23 E-3, R-3, T-3, Coast Guard helicopter and Coast Guard boat searched for female fronting running waters.

24 R-3 and Air 1 responded to Hanakāpī'ai Trail for a 60 year old dehydrated female, OSB located female on the trail and assisted out.

27 E-4, T-4 and Air 1 responded to a brush fire inaccessible by vehicle past Mahaulepu.

28 E-2 and T-2 responded to a kite surfer in distress fronting Kauai Coast.

E-4 and T-4 responded to a brush fire on Kapau Road in Koloa.

### **March 2016:**

01 E-4, T-4 and Air 1 responded to brush fire in Mahaulepu.

03 E-6 and T-6 responded to Salt Pond for a body recovery.

05 E-2 and T-2 responded to a kite surfer in distress fronting Wailua River Mouth.

06 E-6 and T-6 responded to a brush fire near Salt Pond.

E-7, T-7, E-6, T-6, R-3, WT 1, Air 1 and BC 3 responded to a brush fire off Koke'e Road.

17 R-3 and Air 1 responded to Hanakāpī'ai for an injured hiker.

E-8, T-8, E-2, T-2, E-3, R-3, Air 1 and BC 3 responded to 3 brush fires in Anahola.

- 20** E-2, R-3, Air 1 and KPD responded to a body recovery at Papaa Bay.
- 21** E-2 and T-2 responding to open field next to Marriott Courtyard for three swimmers in distress, CPR being performed on a 72 year old male.
- 22** E-4 and T-4 responded to a swimmer in distress end of Mahaulepu, CPR being performed.
- 23** E-7, T-7, E-6, T-6, T-5, R-3, WT 1, BC 1 and Air 1 responded to a brush fire on Waimea Canyon Drive.
- 24** E-2, T-2, R-3 and Air 1 airlifted ailing hiker off Sleeping Giant, Medic 23 transported to ER.  
E-4 and T-4 responded to 75 year old male drowning at Shipwreck's beach.
- 25** E-1, T-1, R-3 and Air 1 responded to Hanakāpī'ai for 32 stranded hikers due to flooding.
- 29** E-7, T-7, R-3 and Air 1 responded to a hiker suffering from a heart condition in Koke'e.
- 31** E-4, T-4, R-3, T-5, T-6, WT 1, Air 1, P-1, Air 2, BC 2 and EVE responded to a brush fire past Grand Hyatt.

**April 2016:**

- 01** E-4, T-4, E-5, T-5, R-3, WT 1 and BC 1 responded to brush fire past Grand Hyatt.
- 09** R-3 and Air 1 assisted KPD with search for missing person in Koke'e.
- 10** R-3, Air 1, BC 1, KPD and DNLR continued search for missing hiker.
- 16** E-5, T-5, E-6 and T-6 responded to a brush fire in Kalaheo.
- 18** E-3 and R-3 assisted at the County track meet.
- 25** E-1, T-1, R-3 and Air 1 rescued a male mauka of Kalihiwai Bridge in Kalihiwai valley.
- 27** E-5, T-5 and T-6 responded to a brush fire near Papalina road.

**May 2016:**

- 05** E-8, T-8 and T-2 responded to a brush fire in Anahola.
- 06** E-8, T-8, E-2, T-2 and Air 1 responded to a brush fire in Anahola.
- 09** E-3, R-3 and Air 1 assisted KPD with searching for a missing 89 year old male near Kauai HS.

**10** E-2 and T-2 responded to three swimmers in distress fronting Pono Kai, two FF's with rescue tube and board assisted swimmers to shore.

E-6 and T-6 responded to 'Ele'ele School for an 8'x12' shed fire.

**11** E-2 and T-2 responded to kayakers in distress outside of Lihi in Kapaa, FF III Weiss swam out and assisted kayakers in to shore.

**13** E-3, R-3, T-3, E-2, T-2 P-3 and BC 2 responded to a structure fire on Ohiohi Street in Lihue.

**16** E-3, R-3, T-3, E-2, T-2, E-5, T-5, and BC 1 responded to Kalepa Village for smoke coming out of an apartment.

**19** E-3, R-3, E-2, T-2, E-5, T-5, WT 1, Air 1, Air 2, J. Harter, and BC 3 responded to a brush fire in Hanamā'ulu.

E-8, T-8, E-2, T-2, T-1, R-3, and WT 1 responded to a brush fire near solar farm in Anahola.

**20** E-8, T-8, E-2, T-2, WT 1, and Air 1 responded to a brush fire in the vicinity of the Anahola Soccer Field.

E-2, T-2, R-3 and Air 1 rescued a 30 year old female with a knee injury on Sleeping Giant.

E-3, R-3 and WT 1 responded to a brush fire across Garden Island Disposal.

**25** E-3, R-3 and T-3 responded to Kauai Pasta, report of smoke coming from building.

**27** E-7 and T-7 responded to a brush fire on Waimea Canyon Drive.

R-3 and Air 1 rescued hiker above Kalalau water fall and dropped off at LZ.

**30** E-3, R-3, E-2, T-2, E-5, T-5 and BC 3 responded to a brush fire on Hulemalu Road.

**31** E-4 and T-4 responded to a brush fire on Hapa road in Koloa.

E-8, T-8 and T-2 responded to a brush fire off Kukuihale road in Anahola.

### **June 2016:**

**01** E-1, T-1, R-3, Air 1 responded to Hanakāpī'ai stream for a female who fell and had a laceration to her left leg.

**03** E-1, T-1, R-3, Air 1 responded to an SOS on beach @ Kalalau and picked up a female with an injured left ankle.

**07** E-8, T-8, R-3, Air 1 rescued stranded female hiker on Anahola Mountain.

- 08** E-5, T-5, E-6, T-6, E-3, R-3, BC1, responded to a structure fire @ 2526 Pu'u Road.
- 11** R-3, Air 1 assisted KPD and DLNR recovering a body in Kalalau.
- 12** E-1, T-1, R-3, Air 1 short hauled two females stuck on ledge below Sandpiper Condos.  
R-3, Air 1 searched for male with a broken arm ¼ mile below Hanakāpī'ai Falls, male walked out.
- 14** E-2, T-2, Prevention 3, 4 responded to a fire @ Kinipopo Shopping Center.
- 15** E-7, T-7 responded to Kikiaola small boat harbor for three injured passengers onboard Napali Explorer during departure from harbor.
- 21** E-1, T-1, R-3, Air 1 rescued a hiker with a leg injury on Hanakāpī'ai Trail.
- 25** E-1, T-1, R-3, Air 1 responded to a male who fell @ Hanakāpī'ai, Medic 22 transported to ER.  
E-6, T-6 responded to a swimmer in distress @ Salt Pond, CPR performed during transport.
- 26** E-7, T-7, Jet ski 7, R-3, Air 1, PMRF Jet ski searched for missing kayakers between Miloli'i and Polihale.
- 28** R-3, Air 1 rescued a 59 year old female dehydrated and unable to move @ base of Wailua Falls.
- 29** E-4, T-4 responded to a female snorkeler 100 yards outside Po'ipū, assisted female in.

**EMERGENCY CALL REPORT BY INITIAL DISPATCHED UNIT**

**FISCAL YEAR JULY 1, 2015 - JUNE 30, 2016**

<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	36	30	42	16	11	22	28	22	51	<b>258</b>
Rupture/Explosion	0	0	0	0	0	0	0	1	1	<b>2</b>
EMS/Rescue	556	661	603	472	505	417	276	327	565	<b>4382</b>
Hazardous Condition	12	9	3	3	3	1	0	5	12	<b>48</b>
Service Call	33	32	50	53	11	25	40	30	34	<b>308</b>
Good Intent	178	65	118	61	60	36	21	36	129	<b>704</b>
False Call	47	23	25	6	25	11	10	16	27	<b>190</b>
Severe Weather	0	0	0	1	0	0	0	0	1	<b>2</b>
Other	0	1	0	0	0	1	7	3	2	<b>14</b>
<b>Totals:</b>	<b>862</b>	<b>821</b>	<b>841</b>	<b>612</b>	<b>615</b>	<b>513</b>	<b>382</b>	<b>440</b>	<b>822</b>	<b>5908</b>



## **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 Ground Operations utilizing our Burn Trailer, Emergency Medical Services such as NREMT-B, 1<sup>st</sup> Responder, and American Heart Association BLS Pre Hospital Provider CPR (High Performance CPR), HAZMAT Operations /Technician, CBRNE (chemical, biological, radiological, nuclear, explosive ), Apparatus Driver Training, Vehicle Extrication , Ropes and Rescue Operations utilizing low and high angle, helicopter techniques, Ocean Rescue under USLA (ARRT) guide lines and Swift Water Rescue Training. It is also the responsibility of the Training Bureau to structure the training of new recruits and facilitate training courses for the Prevention, Administrative and Fiscal Bureaus.

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

The Training Officer acts as the Safety Officer on major operations under the Incident Command System.

### **DUTIES:**

The Training Bureau is staffed by two Training Officers: A Captain and Firefighter III, who all report to the First Platoon (Red) Battalion Chief for the overall functions and operations of the Training Bureau. The Training Officers are responsible for planning, organizing, implementing, monitoring, and the record keeping of all Training Programs. They research, test, and recommend changes for new and improved fire suppression and Emergency Medical Services technology, safer and more efficient operations and procedures for all disciplines of the fire service.

### **GOALS AND OBJECTIVES:**

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

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 Fire Ground Operations, Extrication and Rope / Rescue Operations, and High Performance CPR to further streamline training costs.
4. Developing curriculum / certifications for promotional positions.
5. Provide IFSAC Certification through HFD Certification Bureau.
6. Continue to utilize FEMA/NFA reimbursed classes to supplement department training.

7. Review and update department training manuals.
8. Adhere to national standards of firefighter and incident command training.
9. Utilize computer programs to maintain and digitize complete and accurate drill records for all personnel.
10. Train personnel to the highest medical standards possible: Emergency Medical Responder (First Responder) to NREMT - B transitioning to Hawaii State EMT – B and to AEMT.
11. To develop more in- house trainers.

#### ACTIVITIES AND TRAINING:

KFD 26<sup>th</sup> Recruit class graduated in March 2016 1<sup>st</sup> KFD class to receive FF1 and FF2 IFSAC certifications as well as the first recruit class to receive HAZMAT Awareness and Operations level IFSAC certifications and the second recruit class to receive NREMT – B training.

On line Firefighting personnel have been recertified in the following areas:

- BLS AHA Pre Hospital Provider Cardio Pulmonary Resuscitation (CPR) and BLS Healthcare Provider CPR Instructors
- Automatic External Defibrillator (AED) usage
- Water Rescue USLA (ARRT)
- Basic Life Support 1<sup>st</sup> Responder
- NREMT-B
- HAZMAT Technician
- HAZMAT Operations
- Driver Improvement Training
- Vehicle Extraction
- Fire Ground Operations
- PHTLS Pre Hospital Trauma Life Support

The following drills are conducted on a regular and continuing basis at our 8 district stations Through the monthly training matrix:

- Fire Ground Operations
- Fire Streams
- Self-Contained Breathing Apparatus Donning and Doffing
- Ground Ladders
- Rope / Rescue Operations
- Forcible Entry
- Ventilation
- Salvage & Overhaul
- Pump Operations
- Driver Training
- Foam

- Fire Protection Systems
- HAZMAT
- CPR
- First Aid
- Water Supply
- Firefighter Safety
- Fire Behavior
- Portable fire Extinguishers
- Search and Rescue
- Fire ground Survival
- Building Construction

Fire personnel attended the following training sessions on Kauai:

- High Performance CPR: All Fire Personnel
- Public Safety Diver Training: 12 Personnel
- NREMT-B: 10 Personnel
- Rescue Diver: 10 Firefighters
- ICS 300: 8 Personnel
- ICS 400: 5 Personnel
- PHTLS: 20 KFD NREMTs
- Medical Management of CBRNE Events: 4 Personnel

**TRAINED PERSONNEL:**

At the end of fiscal year 2015-2016 the Department was comprised of the following:

- |                            |     |
|----------------------------|-----|
| • NREMT-B                  | 38  |
| • First Responders         | 137 |
| • CPR/AED Responders       | 137 |
| • HAZMAT Operations        | 62  |
| • HAZMAT Technicians       | 121 |
| • CISM                     | 13  |
| • USAR                     | 15  |
| • Rescue Craft Operators   | 10  |
| • DRI Public Safety Divers | 12  |
| • DRI Dive Rescue 1        | 7   |

**Instructors:**

- |              |    |
|--------------|----|
| • AHA CPR    | 12 |
| • Driving    | 6  |
| • Rescue     | 7  |
| • USLA ARRT  | 7  |
| • Ropes/ RS1 | 7  |

- Peer Fitness 7
- Fire Ground Operations 5
- Tele Crib/Extrication 4
- Public Safety Diver 2
- Swift Water Rescue 3
- ProBoard Certified Instructor I 12
- Proboard Certified Instructor II 12
- Certified IFSAC Test Proctors 21
- DRI Dive Instructor 1
- USCG Boat Captain 2

**Accomplishments:**

1. 10 NREMT-B
2. 5 IFSAC FF1 and FF 2 and IFSAC HAZMAT Awareness and Operations level Certifications
3. All Fire Personnel trained in new High performance CPR.
4. Implementation of new CPR Recertification format consisting of online video training/testing and High performance crew skills testing while on duty.
5. 5 Personnel ICS 300 and 400 classes

## **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 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.

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.

Fire Inspections are also conducted on an annual basis at all State run pre-schools on the island. This is upon request by The Department of Human Services. Fire Code compliance is regulated to protect the safety and welfare of our keiki.

The adoption of the National Fire Protection Association (NFPA) 1 Uniform Fire Code 2012 edition with local county amendments was successful this past year. It is an update from the previous NFPA 1 2006 edition.

A fire science approach to career day presentations utilizing the STEM (Science, Technology, Engineering, and Math) was implemented. Experiment stations are set up around the fire engine. Each station teaches a different aspect of STEM and how it relates to the jobs and equipment that we do and use in the fire service.

A smoke alarm installation program was established. 100 homes on Kauai were outfitted with smoke alarms which were procured through a Prevention and Life Safety grant award.

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

Fire Inspectors Kilipaki Vaughan, Adam Hussey, Ron Bush attended the annual local chapter of International Association of Arson Investigators training seminar on Oahu. The annual training covered current topics regarding NFPA 921 methodology and NFPA 1033 qualifications relating to both public and private fire investigations. Additional discussions included identification and collection of evidence, coupled with ways to avoid potential spoliation of evidence.

Prevention Captain Daryl Date and Fire Inspector Vaughan attended the Fire Shows West Conference and Expo that was held in Reno. This conference provided an array of valuable educational sessions, ranging from fire operations, leadership, and fire prevention. A presentation on marijuana cultivation highlighted different hazards that firefighters may encounter when responding to such a facility.

Prevention Captain Daryl Date attended the National Fire Protection Association (NFPA) Conference and Expo. He was presented with the newest innovations and trends in the fire protection industry. A preview of public education products and tools were made available. Seminars were conducted by NFPA board members and code professionals. Two very important topics discussed involved the hazards of THC extraction from marijuana, and the use of drones in the fire service. Both will be seen here on Kauai in the very near future. This conference was another valuable networking medium.

The eighth annual brushfire mitigation meeting was held at the beginning of the summer season for the major landowners of Kaua‘i. This is an opportunity to remind the land owners of their responsibilities per the fire code as it relates to wildland urban interface. The CWPP (Community Wildfire Protection Plan) for Kaua‘i was discussed. Landowners are informed of federal grants that are available for brushfire mitigation. Contacts are updated, as well as a list of resources that may be available in fire situations. A meteorologist from NOAA also gave a presentation on the weather

outlook for the calendar year. This past year, two helicopter pilots who work brushfires were invited to give input and answer any questions regarding water pick up.

The Prevention Bureau assisted in the training of the latest recruit class of firefighters. The recruits were taught the duties of fire prevention such as: inspections, investigations, and public education. They were brought to a number of different businesses to go through actual fire inspections.

A smoke alarm installation program was established. 100 homes on Kauai were outfitted with smoke alarms which were procured through a Fire Prevention and Safety grant award. The target homes were that of the elderly. Home fire inspections were conducted simultaneously to educate the tenants of fire and life safety hazards that may have been discovered, and how to mitigate them.

The Fire Safety Trailer again was the hub of the Bureau's education program. It was brought to all of public elementary schools as well as some private and charter schools. Emphasis was placed on having the first and third grade students experience this hands-on training device. With the smaller schools, the entire student body was able experience it.

We participated in a number of community functions such as: the Prince Kūhi'ō Day celebration in Anahola, Home Depot's child project day, Kmart's Child Safety Day, and Jr. Lifeguard locations throughout the island. The Fire Safety Trailer was also present at a few businesses such as: Wilcox Hospital, Kauai Coffee, Sheraton Kauai, and DOW Agro science,

### **Fire Prevention Week – October 4-10, 2015**

Fire Prevention Week Activities take place on the week of October 9. It is a commemoration of the Great Chicago Fire of 1871. The 2013 National Fire Protection Association's Fire Prevention Week theme was **“Hear The Beep, Where You Sleep”**.

The Fire Fighter's Safety and Health Guide Program (FFSHG) has been implemented throughout the State for twenty-one years. The Guide features a multi-page 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 coupon book with a number of valuable coupons.

This is the fourth year that we incorporated the fire safety trailer to educate the children on the basic principles of fire safety, such as: have working smoke alarms, create a fire escape plan showing 2 ways out, have a safe meeting place, call 911 from a safe location, and to practice the plan. Not only was education focused on fire safety, but hands-only CPR was also included as a component into the curriculum. This very simple technique has proven to be

effective in resuscitating someone in cardiac arrest. Thousands of adults and children will now be educated on this life saving skill.

The Fire Fighter’s Safety and Health Guides are distributed in the Fall, for Fire Prevention Week. The Fire Safety Trailer goes to the schools in the spring to help reinforce the fire safety messages.

Structure Fire Investigations

Fire investigations conducted by the Bureau during the fiscal year July 1, 2015 through June 30, 2016:

July 2015: none

August 2015: none

08/04/15	Residential Structure 3321 Po’ipū Rd., Koloa	Undetermined \$300,000
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08/20/15	Boat fire impacting residential structure 4688 Hoomana St., Lihue	Undetermined \$31,000
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September 2015

09/08/15	Bali Hai Villas 4970 Pepelani Lp., Princeville	Accidental \$10,000
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09/18/15	Streetburger Kapaa	Accidental \$5,000
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09/24/15	Residential Structure Hanalima Condos, Lihue	Accidental \$1,000
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October 2015

10/01/15	Residential Structure 2347 Niumalu, Lihue	Undetermined \$25,000
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10/20/15	Residential Structure 4208 Ai Rd., Kalaheo	Undetermined \$175,000
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November 2015

11/16/15	Kauai Marriott Rice St., Lihue	Accidental \$5,000
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December 2015

12/18/15	Residential Structure 2-2337 Kaumuali'i Hwy., Kalaheo	Undetermined \$10,000
12/28/15	Residential Structure 4223 Anahola Rd., Anahola	Undetermined \$400,000

January 2016: none

February 2016

02/11/16	Residential Structure 2524 Titcomb St., Kilauea	Undetermined \$155,000
02/25/16	Bali Hai Villas 4970 Pepelani Lp., Princeville	Accidental \$4,000

March 2016

03/17/16	Pa'ina Pono Café 4460 Waialo Rd., 'Ele'ele	Accidental \$6,000
03/22/16	Wilcox Elementary School 4319 Hardy St., Lihue	Incendiary \$3,500

April 2016

04/07/16	Residential Structure 4998 Alii Rd., Hanapepe	Undetermined \$16,000
04/14/16	Residential Structure 3500 'Anini Rd., 'Anini	Accidental \$50,000

May 2016

05/06/16	Mauna Kai Condos 3920 Wyllie Rd. Princeville	Undetermined \$400
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June 2016

06/08/16	Residential Structure 2526 Puu Rd., Kalaheo	Undetermined \$67,000
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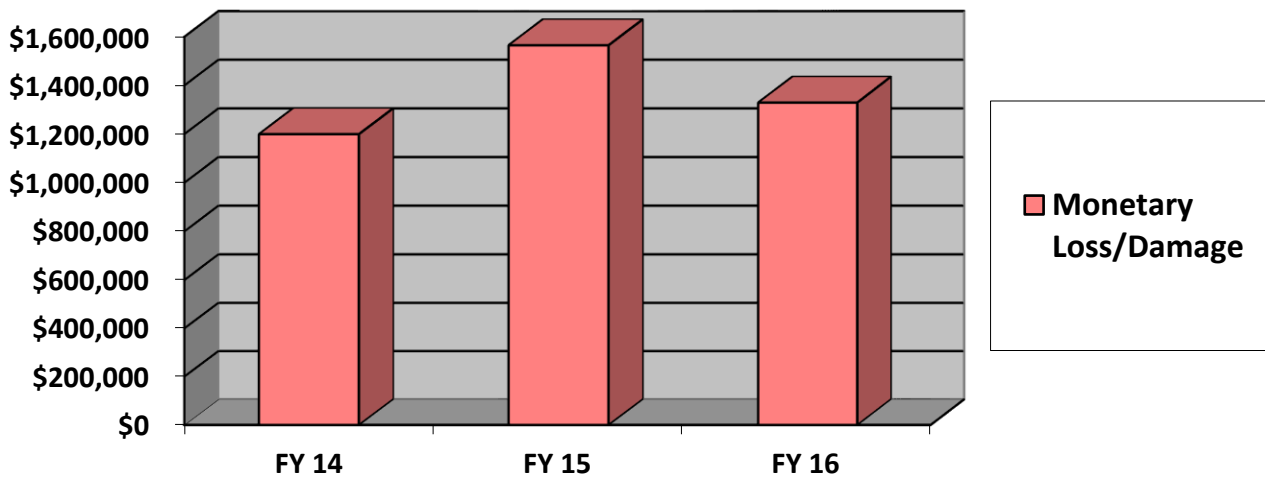
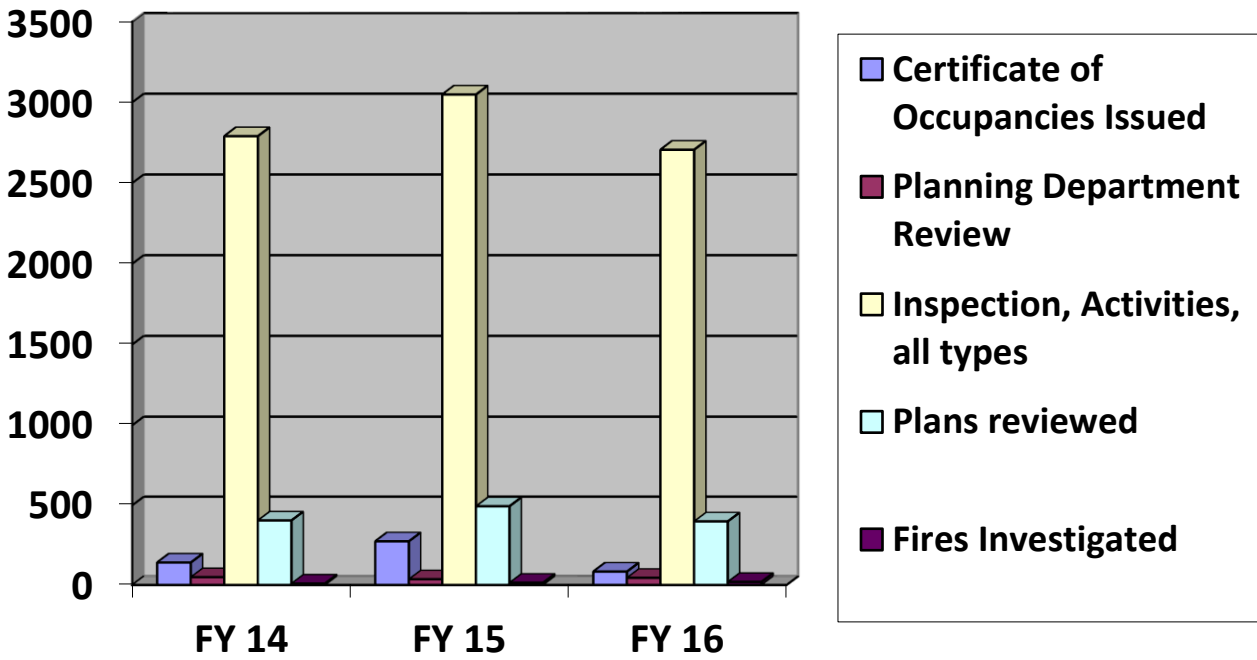
06/14/16	Monico's Taqueria 4-356 Kūhi'ō Hwy. Kapaa	Accidental \$66,000
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Total Damage Amount	\$ 1,329,900
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INSPECTIONS/ACTIVITIES – ALL TYPES

Hospitals	5
Schools (Pre, public, private, adult Ed)	53
Certificate of Occupancy	84
AG/UG Tank Installation	13
Planning Department Reviews	45
Building Permit Plans Review	399
ADU Clearance Reviews	27
Temporary Structure/Tent Permits	58
Fireworks License Applications	19
Firecracker Purchase/ Use Permits	336
Fireworks Inspections	56
Fire Investigations	19
Notice of Violation	1
Fire Protection Systems Review	19
Witnessed Acceptance Tests	63
Preliminary Project Reviews	9
Business Occupancy Inspections	47
Complaint Investigations	7
DOH Agriculture Burning Permits Reviewed	59
Miscellaneous Inspections	22
Re-Inspections	12
Code Research Projects	301
State Fire Council Meeting/Activity	5
Correspondence In/Out	120
Miscellaneous	928
Total Activities	2707

PREVENTION ACTIVITY	FY 14	FY 15	FY 16
Certificate of Occupancies Issued	141	274	84
Planning Department Review	49	36	45
Inspection, Activities, all types	2,791	3,049	2,707
Plans reviewed	405	494	399
Fires Investigated	9	14	19
Monetary Loss/Damage	\$1,200,000	\$1,565,500	\$1,329,900



## **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 50 full-time positions, and 3 part-time positions, in the Ocean Safety Bureau, 4 of the full-time and 1 part-time positions are State funded for Kē‘ē Beach. OSB has a three district operation, District #1= North, District #2 = East district, and District #3 = South/West district, with 1 working supervisor, and 1 Captain in each district. A prevention/training OSO IV Captain oversees an OSO III training position, responsible of keeping all mandatory certification training, prevention and education programs, and creating training to the highest effective level. The Ocean Safety Bureau also has an office support technician/clerk assisting with all office duties, with an overall bureau operations supervisor overseeing all operational tasks.

There are a total of ten lifeguard towers in full-time operation. North district; Hanalei (Pavilion), Hanalei (Pine trees), Hā'ena Beach Park, and Kē'ē beach. East district; Anahola, Keālia, and Lydgate beach. 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 a temporary roving patrol unit on occasion pending staffing. And with the Fire Departments rescue boats the Island of Kauai is well covered by ocean going vessels. All-terrain vehicles (ATV) are also used in the OSB's operation Keālia, Hā'ena, Kē'ē, 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 12 to 17 yr. old young men and women. In FY2016 the ocean safety bureau produced a few State Champions and placed #1 in the State Championships overall for the twelfth year in a row. There were over 200 kids who participated in the program. There were 5 different programs, Salt Pond, Po'ipū, Hanalei, and two at Kalapakī. With 5 locations we could cover most of the Island to educate Kauai's youth 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, and Fire Department.

The OSB also has a Keiki Lifeguard program for kids 8 to 11 years of age. The keiki program included 5 locations, Salt Pond, two at Hanalei and Kalapakī beach with 50 kids per location who participated.

OSB is involved with a number of community service events around Kaua'i. OSB was involved in the annual Steinlager World one man canoe race and Hanalei Bay ocean swim. Other community groups like High school career days and different intermediate schools also benefit from Ocean Safety Awareness presentations.

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. Other training involves ATV safety rider's course, Emergency Vehicle Driver training and Boating Safety training.

The Rescue Craft Program has become mandatory training because of the numerous outstanding rescues, reduction of drowning incidents and the increase of community preventions and awareness. The Rescue Craft Program has definitely enhanced ocean safety services, by reducing response times, extending beach coverage, and lifesaving techniques are setting standards worldwide. Additional rescue craft training was provided by the Ocean Safety 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.

Three new roving patrol units have been added to OSB operations, one unit per district. Two

personnel, a truck with a jet ski, trailer, and all the rescue equipment will be utilized at other beaches around Kaua'i, extending our services and creating less response time various beach locations. Future goals are to establish six new part-time positions to help staff towers and allow full-time personnel to operation the three new roving patrol units.

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.

The new prevention/education trailer has been in full operation and has become very valuable to the Ocean Safety Bureau. The trailer has be utilized at various schools, career days, farm fair, and any other organization requesting ocean safety awareness presentations or education. The education trailer has been very useful to the Jr. Lifeguard Program as well.

There were 8 deaths, related to drowning from swimming, snorkeling or diving accidents. All 8 drownings occurred at unguarded beaches. With 184 rescues, 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 2016 was a well below average year statistically.

**Tower Activity – Summary**

Drownings	8
Rescues	84
Public Contact	230,256
**Preventive Action	141,755
Minor First Aid	7,241
*Jet Ski rescue	230

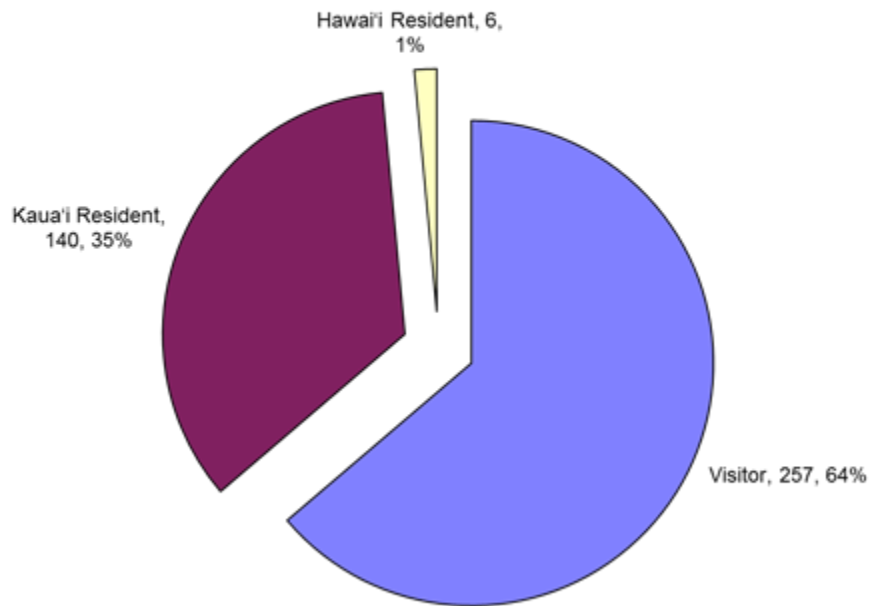
Total participants on Guarded Beaches 2,205,129

\* Includes the other 84 rescues

\*\* 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 Visitor vs Residents 1970 to Present





AUTHORIZED PERSONNEL

June 30, 2016

**ADMINISTRATION**

Fire Chief	1
Deputy Fire Chief	1
*Administrative Services Officer	1
*Accountant II	1
*Private Secretary	1
*Secretary	1
*Accountant I	1
*Payroll Specialist	1

**MAINTENANCE**

*Lead Fire Equipment Mechanic	1
*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	60
Fire Fighter II (Rescue)	6
Fire Fighter II (HazMat)	9
Fire Fighter Trainee	6

**OCEAN SAFETY BUREAU**

Ocean Safety Officer V	1
Ocean Safety Officer IV	4
Ocean Safety Officer III	4
Ocean Safety Officer II	27
Ocean Safety Officer I	16
*Program Support Technician II	1

**SUB-TOTALS**

Uniformed Personnel – Fire	146
Uniformed Personnel – Ocean Safety	52
*Civilian Personnel	<u>9</u>

**GRAND TOTAL** 207

**RETIRED FIRE PERSONNEL**

<b><u>EMPLOYEE</u></b>	<b><u>POSITION</u></b>	<b><u>RETIRED</u></b>
McKamey, Mark	Ocean Safety Officer II	10/31/15 c.o.b.