

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 for the community in 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 Emergency Management Agency's Pacific Rim 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/Hawaii 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 ocean 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 213 employees--146 uniformed fire personnel, 58 uniformed ocean safety personnel and 9 civilians assigned to five major service bureaus, eight fire stations, ten lifeguard towers located throughout the island, and new this year 3

Roving Jet Ski Patrols one in each of the three districts.

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 fire 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' Radon Rescue Boat, 1 (one) 19' Zodiac Rescue Boat, 1 (one) 19' Whaler Rescue Boat, and 6 (six) Rescue water craft.

HIGHLIGHTS

Accomplishments for the year:

The Department started its 27th Recruit Class on May 1, 2017.

Fire Operations Bureau installed smoke alarms in over 100 homes as part of a grant-funded community-wide effort and continues to provide more homes as they partnered with the American Medical Response, County of Kauai Office of Elderly Affairs, the State Department of Health Fall Prevention, and the Friends of the Kauai Fire Department

The Prevention Fire Safety Trailer has been a resounding success in the community with over 5,000 public encounters annually. We trained 519 community members on fire extinguishers, and 720 total encounters to our Fire Safety presentation. The eighth 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 6,330 calls for assistance a slight increase over the previous year staying round an annual increase of 24%. We had 280 Fire calls of which we investigated 11 fires this year with a total value loss estimate of \$1,700,000.00 in damage and property. The busiest fire station ran 900 plus calls while each of the next three busiest stations ran over 800 calls each. They responded to 14% of the calls each. We responded to 4,600 medical calls an increase of 4% 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 a not-so-good year with 16 drownings and increasing beach visitor counts. However, we were able to record over 478 rescues and assists, with 168 by Jet ski (prior to the Roving Patrol) and another 44 using rescue water craft in the newly formed Roving Patrol. This year we estimated over 2,304,134 sunbathers, surfers, and swimmers enjoyed our beaches, this is double of the last years tally. The Ocean Safety Bureau recorded over 231,438 beach contacts where we informed or discussed the safety of the beaches with beachgoers, 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 finally defeated in the State Champions for the first time in 12 years. The Keiki Guard program continues to be a success with more students than the

current program can handle and turning away keiki. 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 KFD Outstanding Firefighter of the Year was Mike Scovel and Ocean Safety Officer of the Year Dave Duncan were both 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 2016 National Fire Protection Association's Fire Prevention Week theme was **"Don't Wait-Check the Date! Replace Smoke Alarms Every 10 Years"**.

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 (CERT) became an integral part of our department this year and we are working with Kauai Emergency Management Agency (KEMA) and Kauai Police Department (KPD) to grow the program island wide. We added 67 graduates to our rolls and another 65 participated in additional training classes.

PROGRAM MEASURES – ACCOMPLISHMENTS/EVALUATION

Fire Personnel conducted station visitation tours for schoolchildren and other interested groups. They provided 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 eight Fire Stations; these services are available every day between the hours of 9:00 am and 8 p.m.

8 Firefighters and 2 OSO2's completed the National Registry for Emergency Medical Technician (EMT) program and certification and now the total in the department to 47.

July 2016

- Fireworks shows at Kekaha and Vidinha Stadium (Hospice)
- HFFA Negotiations
- Promotional Pinning Ceremony
- Structure fire at Hanamā'ulu
- Unit 11 Caucus Meeting
- State Fire Council Meeting
- Contract management training
- Makani Pahili Exercises
- Triathlon
- Island Canoe Championships at Hanalei Bay
- Affordable Housing Task Force Meeting
- Meeting On General Plan update on Climate and Health
- Black Pot master plan meeting
- Tropical Storm Darby EOC Activation

August 2016

- Hurricane Darby standby
- Fire Commission Meeting
- Unit 11 negotiation meeting
- Crisis Leadership and decision making training
- Fire Commission requested PD for Chief to start replacement process
- Meeting on Marijuana Clinic
- New Engine 2 online
- Chief attended FRI with Captain from Station 6
- Kaua'i 200 Annual Meeting
- County Fair
- State Fire Council Meeting

September 2016

- Fire Commission Meeting
- KLA Fundraiser at the Beach Boys Concert
- Assisted DOW Make a Splash Event
- Fire Prevention week Mayors proclamation
- Governor's Fire Prevention Week Proclamation
- Presumptive Cancer Task Force Meeting
- E-plan review meeting
- Chamber of Commerce Meeting
- Received all medical equipment from DHS Grant

October 2016

- Kaua'i United Way Haunted House
- KLA Fourth Wave Meeting
- Governor's Text to 911 Declaration

- HFFA Arbitration meeting with County attorneys (Oahu)
- USLA Pacific Island Region Meeting RE: Agility Standards
- Kohea Leo Meeting re: Hanamā‘ulu Housing Development
- Meeting with SunPower RE; New Solar Farm Development

November 2016

- Fire Commission
- Quint Blessing
- Swearing in of New Deputy Fire Chief
- HFCA Conference in Maui
- Site visit to Kohea Loa Subdivision
- OSB Roving Patrol scheduled to start December 1, 2016
- Climate Outlook Briefing at EOC
- Green Aloha Meeting – Marijuana Facility
- Meeting re: Coco Palms Demo/Renovations
- Local Emergency Planning Committee Meeting
- OSB meeting with IT for implementation of Jr Lifeguard online registrations

December 2016

- County Council and Attorney Inauguration
- Lights on Rice Parade
- Blessing of Roving Patrol for OSB
- KFD SOCOM training at Waimea
- HFFA Arbitration
- Mobile Data Terminal (MDT) Implementation
- Helicopter Hangar meeting with architect and DPW
- Wailua Loop Road Bridge meeting
- Black Pot plan update meeting
- Meeting with purchasing on AS400 and inventory
- SCBA and AED money bills
- Waimea Christmas Parade
- Meeting with Ron Agor on Coco Palms Development
- Hands Only CPR at Kōloa Elementary School
- Council approved second roving OSB vehicle
- Helicopter Hangar lease referred for Public Safety Committee

January 2017

- Council Meeting RE; HELO Hangar Lease
- CWPP signing
- HFFA Unit 11 Negotiations
- Chief and Deputy attended Legislature opening day on Oahu
- Adolescent Treatment Center Meeting
- DOW meeting with Council Chair Rapozo

February 2017

- Article in Gardens Island Newspaper on Roving Lifeguard Patrol
- Grenade incident at Kalāheo Fire Station
- OSB provided training for KPD Recruits
- Budget Meetings
- KLA Meeting
- Meet and Greet with CEO Catholic Charities
- Radio conversion analog to digital
- Hawai‘i News Now Story on Act 190
- Makani Pahili Certification for Awareness and Operations
- Fire Fighter Recruit Interviews week of Feb 13, 2017

March 2017

- OSB Video update at airport
- Hearing on SB562 (Act 170)
- KFD Communications P25 project switching from analog to digital close to completion
- AED’s arrived
- New Recruit class to start May 1, 2017
- Fire Commission Meeting
- AMR EMT Ride Along
- Workers Compensation Training
- Mayors State of the County
- Promotional Pinning Ceremony
- HMSA foundation 30K donation to Friends of KFD
- Mayors state of the county

April 2017

- Council budget presentation
- Employee Banquet
- Meeting – prevention and KBR on Affordable Housing Complex in Kōloa
- Fire Commission Meeting
- CERT Graduation – Kapa‘a 28 students
- KFD assistance during the Mayor’s track meet
- Lifeguard Tort Liability will sunset. Ke’e to remain open
- Hanakāpī‘ai Bridge Meeting
- SCIP meeting
- FirstNet awarded
- Meeting with STI Solar to discuss PV at LG towers

May 2017

- Fire Commission Meeting
- Jr Lifeguard online registration started May 1, 2017
- Meeting with DOE regarding Safe Campuses

- FDIC Conference
- Meeting with public works regarding ‘Anini Beach and road closure
- Fire Department – Second Place food donations
- Meeting for Adolescent treatment center
- First Hawaiian Bank Robbery
- OSO Meeting with Mayor
- Beach Safety Week
- Boating Safety Week
- Meeting with Mark Ventura on Adolescent Treatment Center
- Kaua‘i World Challenge Canoe Race
- Budget Hearings
- OSB staff meeting with Mayor
- HFCA Meeting
- KLA Beach Bash with Rescue demonstration
- Brush Fire Mitigation Meeting
- Koheha Loa Ground Blessing
- New Engine 1 Hanalei arrived on island
- OSB Prevention Trailer at Salt Pond Canoe Race
- CERT Training annual refresher
- EMS Proclamation week
- KRHA Marijuana conference
- HACBO Conference
- DISc workplace workshop attended by Prevention Staff

June 2017

- Fire Commission Meeting
- CST Initial Planning Meeting
- Council final budget meeting
- Meeting with OSB and Mayor on Po‘ipū Tower and maintenance facility
- State Fire Council Meeting, discussions on legislative session
- Chamber of Commerce Meeting
- LEP training
- Jr and Keiki Lifeguard program started Salt Pond and Hanalei
- Fire Prevention gave safety talk for Summer Fun Aides
- HFCA Meeting
- Meeting with HR on upcoming testing
- Hanakāpī‘ai meeting
- Meeting with Mayor on Ha`ena and Kē‘ē Park issue
- Blessing on New Engine 1 at Hanalei

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 fire 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. Staffing for all of our fire stations are at five with the exception of Līhu‘e which is a nine person station.

HIGHLIGHTS

July 2016

- 1** T-7, R-3, Air 1 responded to Waimea Canyon for a 65 year old male hiker with a broken ankle.
- 3** E-1, T-1, OSB responded to Hanakapiai for a drowning.
R-3, Air 1, T-1 responded to Hanakapiai for a female having an anxiety attack.
- 4** E-5, T-5 responded to a car that crashed into a building, female driver DOA.
- 7** R-3, Air 1 rescued a patient with Nature Conservancy that gotten ill and could not walk out.
- 8** E-2, T-2, Whaler 2, R-3, Air 1 retrieved two bodies of missing Oahu fishermen from ocean outside of Kapaa.
- 11** E-3, R-3, T-3 responded to a structure fire in Hanamā’ulu.
- 12** E-1, T-1, R-3, Air 1 responded to Hanakapiai for male hiker with an injured knee.
Also rescued female hiker with dehydration in Hanakapiai
- 15** E-4, T-4 responded to Koloa Landing for a drowning victim.
- 16** R-3, Air 1 responded to six mile marker Kalalau Trail for an injured hiker.
- 17** E-1, T-1, R-3, Air 1 responded to an injured hiker in Hanakapiai.

- 18 E-2, T-2 responded to a swimmer in distress fronting Wailua River Mouth.
- 19 R-3, Air 1 responded to overdue hikers in Hanakapiai, hikers okay making their way out.
- 21 E-1, T-1, E-8, T-8, R-3, Air 1 responded to three swimmers in distress outside of Larsen's.
- E-5, T-5, E-4, T-4 responded to vehicle accident with one fatality on Koloa Road.
- 22 T-7, R-3, Air 1 responded to Waipo Falls Trail for an injured female hiker.
- 25 E-1, T-1, R-3, Air 1 rescued injured female hiker in Hanakoa.
- T-7 rescued lost family of four on Waimea Canyon Trail.
- 26 E-7, T-7, R-3 assisted carrying hiker up Kukui Trail.
- 30 E-2, T-2, R-3, Air 1 responded to a hunter with a broken femur.
- 31 E-1, T-1 responded to hikers stranded in Hanakapiai, R-3, Air 1 assisted.
- R-3, Air 1 responded to a lost female hiker near Hanakoa Valley.

August 2016

- 01 R-3, Air 1 responded to Hanakapiai to check on father and daughter.
- E-3, E-2, T-2, E-5, T-5 responded to a kitchen fire at Kaneka Street.
- 03 E-1, T-1, R-3, Air 1 rescued injured hiker @ Hanakapiai LZ.
- 04 R-3, Air 1 responded to a lost hiker @ Hoolulu Valley.
- R-3, Air 1 responded to a injured hiker in Kalalau
- 14 E-2, T-2, R-3, Air 1 responded to Hoopi'i falls for an injured male.
- 17 R-3, Air 1 responded to Hanakapiai for a dehydrated female.
- 20 E-8, T-8 responded to Anahola for a fruit stand that was deliberately set on fire.
- 29 E-7, T-7, R-3, Air 1 responded to a lost hiker on Polihale Ridge
- 31 E-4, T-4 responded to a female drowning victim @ Kukuiula Harbor.

September 2016

- 04** R-3, Air 1 responded to Kalalau for a 30 year old male with severe stomach pain.
- 11** R-3 and Air 1 rescued a female possible broken leg on Hanakapiai Falls trail.
- 12** T-7, R-3 rescued a male with a pulled muscle Waipo`o Falls trail.
- 14** E1, T-1, OSB responded to Makua beach for 66 year old male who drowned.
- 17** E-5, T-5, E-6, T-6, R-3, T-3, P1, BC 1 responded to structure fire next to Rainbow Plaza.
- 18** E-3, R-3, T-3, P-1, BC 3 responded to building fire on Halehaka Road.
- E-3, R-3, T-2, T-8, Air 1, BC 3 responded to a brush fire in Niumalu Valley.
- 19** E-1, T-1, R-3, Air 1 rescued injure hiker in Hanakapiai.
- 23** E-7, T-7, R-3 responded to an injured female on Waipo`o Falls trail.
- 25** E-1,T-1, R-3, Air 1 responded to an injured hiker near Hanakapiai Falls.
- 30** E-5, T-5, E-6, T-6, E-3, R-3, T-3, BC 1 responded to a structure fire in Lawai.

October 2016

- 07** E-1, T-1, R-3, Air 1 rescued tree trimmer that fell 100 feet down hillside.
- 10** E-5, T-5, E-6, T-6, E-3, R-3, T-3, BC 1 responded to structure fire in Kalaheo.
- 11** E-3, R-3, T-3 responded to a garage fire in Hanamā`ulu neighbors extinguished fire.
- 12** E-1, T-1 rescued female with broken ankle from Queen's Bath.
- 17** E-1, T-1, R-3 responded to Hanakapiai for female with injured ankle and male with head injury, both walked out on their own.
- 19** R-3, Air 1 responded to Hanakapiai falls second crossing for injured female.
- 20** R-3, Air 1 rescued injured female hiker @ 8 mile marker on Kalalau trail.
- 30** T-8, Air 1 responded to a brush fire in Anahola.

November 2016

- 01** E-1, T-1, R-3, Air 1 responded to two swimmers sucked out @ Larsen's Beach, one made it back to shore. Second swimmer collapsed on reef, CPR performed.

09 E-4, T-4 responded to Poipu Beach for 70 year old female pulled from water, CPR initiated.

12 E-1, T-1, R-3, Air 1 and OSB jet ski responded to a swimmer in distress outside Hanakapiai beach. Body recovered and turned over to KPD.

R-3, Air 1 responded to a brush fire on Mahaulepu Ridge.

13 R-3 and Air 1 returned to brush fire on Mahaulepu Ridge.

18 E-3 responded to a shooting @ Kalepa Circle, two victims.

21 E-1, T-1, R-3, Air 1 responded to an injured male on Hanakapiai Trail.

22 E-2, T-2, R-3, Air 1, BC responded to female hiker who fell off trail near Wailua Falls.

26 E-2, T-2 responded to Wailua river mouth for two swimmers in distress.

27 E-1, T-1, R-3, Air 1, OSB responded to Hanakapiai trail for a male who fell 20' over cliff.

28 E-1, T-1, R-3 and Air 1 rescued a female with a possible broken ankle on the Okolehao trail.

December 2016

03 E-2, T-2, R-3, Air 1 responded to Wailua river for people stranded due to flooding. Rescued nine kayakers, returning in morning to recover deceased female in log jam.

04 E-2, T-2, R-3, Whaler 2 recovered deceased female.

07 E-1, T-1, R-3, Air 1 rescued female hiker who was dehydrated on Hanakapiai Trail.

09 E-2, T-2, T-8, R-3, Air 1 responded to an injured female that hurt her hip @ Uluwehi Falls.

16 E-1, T-1 responded to traffic fatality Kuhio Hwy @ South Kalihiwai Road.

23 E-8, T-8, R-3 searched for lost hiker on Makaleha Ridge in Kapahi.

27 E-4, T-4 rescued male trapped 20 feet down Cliffside.

January 2017

02 E-6, T-6, E-7, T-7, R-3, T-3, BC 3, Prevention 1 responded to a structure fire in Hanapepe.

03 T-7, R-3, Air 1 rescued injured female with fractured leg @ Waipo'o Falls.

T-7, R-3, Air 1 rescued injured male hiker on Waimea Canyon Trail.

05 E-1, T-1, R-3, Air 1 responded to Hanakapiai LZ for an injured male hiker.

E-6, T-6, T-5 responded to a brush fire on Moi Road in Hanapepe.

08 R-3, Air 1 rescued injured male in Hanakoa Valley.

09 R-3, Air 1 responded to a brush fire @ Carters Point Nawiliwili.

11 E-4, T-4, OSB responded to 64 year old drowning victim @ Poipu.

17 R-3, Air 1 responded to Kalalau for 62 year old male with cardiac symptoms.

18 E-1, T-1, OSB responded to Ke'e for female being transported by civilian jet ski, female DOA.

E-5, T-5, E-6, T-6, E-3, T-3, R-3, BC 3 responded to structure fire in Lawai.

19 E-8, T-8, R-3, Air 1, Roving jet ski responded to Moloa`a Bay for missing swimmer, body brought to shore and turned over to KPD.

22 R-3, Air 1 rescued injured male in Kalalau.

25 E-1, T-1, R-3, Air 1 rescued injured female in Hanakapiai.

26 E-8, T-8, Roving jet ski rescued female fronting Coral Reef Hotel in Kapaa.

R-3, Air 1 rescued injured female hiker 3 mile in on Kalalau Trail.

28 E-3, R-3, Air 1 recovered body from Wailua Falls.

29 E-1, T-1, R-3, Air 1 responded to an injured female hiker in Hanakapiai.

30 E-1, T-1, OSB jet ski searched for female swimmer swept out fronting 4351 Anini Rd., USCG notified.

31 E-8, T-8, E-1, T-1 responded to a head on collision Kuhio Highway, four patients transported.

February 2017

01 E-1, T-1, R-3, Air 1 continued search for missing swimmer.

E-3, R-3, WT-1, ARRF, responded to a brush fire next to Court House.

04 E-1, T-1, Air 1 responded to a brush fire on Lumahai Ridge.

05 E-1, T-1, R-3, Air 1 returned to brush fire on Lumahai Ridge.

09 E-7, T-7 responded to male drowning on Kekaha Beach.

E-1, T-1, E-8, T-8, E-2, T-2, R-3, T-3, BC 3 responded to a structure fire in Kilauea.

11 Civilian dropped off a grenade @ Kalaheo Fire Station.

12 E-1, T-1, R-3, Air 1 rescued an injured male 4 miles in on Kalalau Trail.

13 E-2, T-2, E-8, T-8, E-3, R-3, T-3 responded to Pomaikai Road for a stove fire.

15 E-5, T-5, E-6, T-6, E-3, R-3, T-3, BC 1 responded to a structure fire in Kalaheo.

19 R-3, Air 1 responded to Kalalau for a hiker with severe stomach cramps.

22 T-7, Air 1 responded to Pihea trail for a lost 70 year old male.

March 2017

03 T-2 assisted lost hikers down from Sleeping Giant trail.

E-8, T-8, E-2, T-2, E-3, R-3, T-3, BC 1 responded to a structure fire in Anahola.

04 E-8, T-8 returned to smoldering structure fire in Anahola.

06 E-1, T-1, R-3, Air 1 responded to two injured people @ Queen's Bath.

12 L-4, T-4, OSB jet ski rescued two adults and two kids on kayaks outside Allerton Gardens.

16 E-7, T-7 R-3, Air 1 rescued female medic lost near Waialae cabin area.

19 E-2, T-2, R-3, Air 1 rescued dehydrated local male from pasture above fern grotto.

31 E-2, T-2, R-3 responded to head on collision fronting St. Catherine's cemetery, multiple fatalities.

April 2017:

01 T-7 assisted dehydrated hiker up Kukui Trail.

07 E-1, T-1, R-3, Air 1 responded to an injured biker 4.2 miles in on the Kalalau trail.

14 E-1, T-1, Air 1 rescued injured hiker 1 mile up Hanakapia Falls trail.

15 E-1, T-1, Roving Jet ski rescued kayaker from Kapili, brought back to Kahili Beach.

22 E-1, T-1, OSB responded to Queen's Bath two adults and infant swept into pond.

E-2, T-2, R-3, Air 1 responded to Kapoko tunnel search for female swept downstream.

23 R-3, Air 1 resumed search for female, found female face down in stream. Recovered body and turned over to KPD.

24 R-3, Air 1 rescued lost hiker near Blue Hole area, no medical assistance needed.

27 E-2, T-2, E-8, T-8 responded to two car accident fronting Kintaro's, female deceased at scene.

28 T-2, R-3 rescued stranded couple on Makaleha Trail.

E-1, T-1, T-8 rescued injured hiker mile and half in on Hanakapiai Trail.

30 E-1, T-1, E-8, T-8 responded to an injured male @ Hanakapiai LZ, FF Hedstrom will stay with victim overnight. R-3, Air 1 will pick up in am.

May 2017

01 R-3, Air 1 to Hanakapiai to pick up injured hiker and FF Hedstrom.

L-4, T-4 responded to beach fronting Waiohai for 69 year old male possible drowning, CPR being performed.

03 R-3, Air 1 received a call of an injured hiker in Hanakapai, R-3 search coastline and trail up to Falls. No one found.

12 E-1, T-1, R-3 responded to Hanakapiai trail for an unresponsive 70 year old male, CPR being performed. Carried deceased out and turned over to KPD.

15 E-7, T-7 responded to a brush fire @ Russian Fort area.

E-7, T-7, E-6, T-6, R-3, WT 1, Air 1, Air 2, DOFAW responded to a brush fire Waimea Canyon Drive.

16 E-7, T-7 assisted DOFAW on brush fire.

20 T-7, R-3, Air 1 rescued a 24 year old female from Black Pipe Trail/Waimea Canyon Trail.

21 R-3, Air 1 rescued male from Waialeale Crater Pond.

E-6, T-6, T-5 responded to a brush fire @ Burns Field.

25 R-3, Air 1 rescued injured female hiker @ Kalalau.

26 E-2, T-2, R-3 assisted female down Sleeping Giant trail.

28 E-1, T-1 assisted male out of Hanakapiai Trail, no medical assistance needed.

29 L-4, T-4 responded to Manualoha Condos for a 79 year old male pulled from pool, CPR in progress.

E-8, T-8, T-2, Air 1 responded to a brush fire in Anahola across from Solar Farm.

31 E-2, T-2 responded to a swimmer in distress fronting Pono Kai, 48 year old male brought to shore by good Samaritan with rescue tube.

E-1, T-1, R-3, Air 1 responded to an injured male 1 ½ mile in Hanakapiai Trail, hiker walked out on his own.

June 2017

01 E-8, T-8, T-2, Air 1 responded to a brush fire in Anahola.

T-7, R-3 responded to Waimea Canyon Trail for an injured female possible broken ankle, carried patient out with stokes and wheel.

E-1, T-1, Z-1, R-3, Air 1 responded to overturned kayak outside Ke'e Beach.

02 E-7, T-7, R-3, Air 1 rescued injured hiker from Lonomea Camp in Waimea Canyon.

E-8, T-8, E-2, T-2, WT-1, Air 1, Air 2 responded to a brush fire across Solar Farm in Anahola.

03 E-8, T-8, responded to an overturned boat fronting Pono Kai.

12 E-1, T-1, R-3, Air 1 responded to a dehydrated hiker on Hanakapiai Trail, hiker made it out no medical assistance needed.

13 E-2, T-2, Whaler 2, E-8, T-8 responded to an overturned boat outside donkey beach.

19 E-1, T-1, R-3, Air 1 responded to Queen's Bath for a large female who fell possible broken ankle.

E-3, R-3, Air 1 responded to a brush fire on Kalepa Ridge.

21 R-3, Air 1 responded to a 19 year old hiker going in and out of consciousness 1 ½ mile in on Hanakapiai Trail.

26 E-8, T-8 responded to a brush fire in Anahola.

E-7, T-7, E-6, T-6, E-5, T-5, R-3, T-3, BC 1, Prevention 1 responded to a structure fire in Waimea on Pokole Road.

27 E-6, T-6, T-5 responded to a ½ acre brush fire @ Burn’s Field.

28 E-1, T-1, R-3, Air 1 responded to Kalalau for a 33 year old female with a possible broken ankle.

EMERGENCY CALL REPORT BY INITIAL DISPATCHED UNIT

Incident Type	Sta 1	Sta 2	Sta 3	Res 3	Sta 4	Sta 5	Sta 6	Sta 7	Sta 8	Total
Fire	19	42	31	11	9	22	36	32	79	281
Rupture/Explosion	0	0	0	1	0	0	0	0	0	1
EMS/Rescue	506	686	629	587	569	444	272	343	564	4600
Hazardous Condition	8	7	12	1	5	3	3	3	7	49
Service Call	36	32	91	72	51	40	47	47	32	448
Good Intent	196	57	115	54	77	31	53	39	108	730
False Call	39	24	45	16	36	15	7	11	24	217
Severe Weather	0	0	0	0	0	0	0	0	0	0
Other	0	1	1	5	3	1	1	0	0	12
Totals:	804	849	924	747	750	556	419	475	814	6338

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 certification and refresher training, 1st Responder, and American Heart Association BLS 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 (ARS), Ocean Rescue under USLA (ARRT) guidelines 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 three Training Officers: A Captain and two Fire Fighter 3's one being responsible for Emergency Medical Services training 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 transitioning to Hawaii State EMT – B and to AEMT.
11. To develop more in- house trainers.

ACTIVITIES AND TRAINING

KFD 27th Recruit class began May 1, 2017. Class to receive FF1 and FF2 IFSAC certifications, HAZMAT Awareness and Operations level IFSAC certifications and NREMT training.

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

- BLS AHA Cardio Pulmonary Resuscitation (CPR) and BLS Healthcare Provider CPR Instructors
- Automatic External Defibrillator (AED) usage
- Water Rescue USLA (ARRT)
- Basic Life Support 1st Responder
- NREMT
- 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:

- NREMT: 10 Personnel
- ICS 300: 11 Personnel
- ICS 400: 11 Personnel
- ARS : 10 Personnel

CERTIFICATIONS

At the completion of fiscal year 2016-2017 the Department is comprised of the following:

- NREMT 49
- First Responders 92
- CPR/AED Responders 146
- HAZMAT Operations/Awareness level 141
- HAZMAT Technicians 121
- CISM 13
- USAR 15
- FF1 9
- FF2 9
- Fire Instructor 1 25
- Fire Instructor 2 12

INSTRUCTORS

- AHA CPR 22
- Driving 8
- Rescue 7
- USLA ARRT 7
- Ropes/ RS1 7
- Peer Fitness 7
- Fire Ground Operations 7
- Extrication 6
- Public Safety Diver 2
- Swift Water Rescue 3
- Fire Instructor I 25
- Fire Instructor II 12
- Certified IFSAC Test Proctors 21
- DRI Dive Instructor 1
- USCG Boat Captain 2

ACCOMPLISHMENTS

1. 10 personnel completed NREMT-B certification.
2. All fire personnel received IFSAC certifications in HAZMAT Operations and Awareness level through historical recognition from HFD certification bureau.
3. IFSAC FF1 and FF2 certification for all KFD personnel through historical recognition is near completion.
4. 5 personnel completed HAZMAT Technician certification on Oahu.
5. All FR2 AED's have been replaced with new FR3's and all personnel have received training.
6. 5 Personnel completed ICS 300 and 400 classes.
7. First Fire Instructor 1 class taught by KFD instructors for IFSAC certification 12 personnel completed certification.
8. 1st Responder recertification in house by KFD NREMT's with over sight from KCC.
9. RS 1 Training for 2 personnel completed training on Maui.
10. Hands Only CPR Training 3,020 Participants.
11. 106 Fall Prevention encounters
12. Training Management System Target Solutions to be implemented early FY 2017/2018.

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.

“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.

The Prevention Bureau participated in the Contractors Association of Kauai Home Show. People were taught how to correctly use a fire extinguisher with our digital trainer. Advice was also given on smoke alarms and the Fire Code.

The Bureau held demonstrations at the Kauai Regional Science Fair. The theme of the demo was hydraulics. A number of educational toys were on display to demonstrate the power of compressed liquids. The jaws-of-life tools were shown actually cutting apart car doors to convey the principle of hydraulics.

Fire Inspectors Nick Hill and Gavin Kennelly attended the annual local chapter of International Association of Arson Investigators training seminar on Oahu. **The annual training covered current topics regarding Lithium battery fire hazards.**

Prevention Captain Daryl Date and Fire Lieutenant Kilipaki Vaughan attended the FireShows 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.

Prevention Captain Daryl Date attended the EduCode Conference in Nevada. This conference provided education in the utilization of the International Building Code, in which we cross reference quite often in plan review and inspections. An educational session on the hazards of

THC extraction from marijuana was offered. This was invaluable due to Kauai's first medical marijuana farm being established.

Fire Inspector Nick Hill attended an NFPA 13 (Installation of Sprinkler Systems) seminar in Quincy, Massachusetts. This was essential for his temporary assignment role to Fire Lieutenant, whose main responsibility is plan review.

Fire Inspectors Dane Smith and Gavin Kennelly attended NFPA 101 (Life Safety Code) in Denver, Colorado. The Life Safety Code is a standard that identifies requirements for new and existing businesses. Knowledge of it is essential in conducting fire inspections.

Fire Inspectors Nick Hill, Dane Smith and Gavin Kennelly attended NFPA 72 (Fire Alarm Systems) on Oahu. The ins and outs of proper fire alarm installation, maintenance and testing was the focus of this training.

Fire Inspectors Nick Hill, Dane Smith and Gavin Kennelly attended the New Fire Arson Investigator Academy in Las Vegas, Nevada. This seminar covered the basics of conducting a fire investigation.

New Fire Inspectors Sean Kitamura and Blair Yamashita attended a Fundamentals To Fire Investigation course put on by the International Arson Investigators Association in Las Vegas, Nevada. These two inspectors are now educated in conducting a fire investigation, when it occurs.

The ninth 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 landowners 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.

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.

For the very first time, the Bureau acquired a drone for the Fire Department to be utilized for inspections, investigations, and reconnaissance during emergency incidents.

The Fire Safety Trailer again was the hub of the Bureau's education program. The Trailer 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 Kuhio Day

celebration in Anahola, Home Depot's child project day, Kmart's Child Safety Day.. The Fire Safety Trailer was also present at a few businesses such as: Wilcox Hospital, Kauai Coffee, Sheraton Kauai, and DOW Agrosience,

Fire Prevention Week – October 9-15, 2016

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 **“Don't Wait-Check The Date! Replace Smoke Alarms Every 10 Years”**.

The Fire Fighter's Safety and Health Guide Program (FFSHG) has been implemented throughout the State for twenty-two 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 fifth 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 Semester for Fire Prevention Week. The Fire Safety Trailer goes to the schools in the Spring Semester to help reinforce the fire safety messages.

The Fire Prevention Week message was distributed in The Garden Island newspaper in a number of different languages: English, Japanese, Hawaiian, and Filipino. A spadea in the Sunday paper profiled all of the members of the fire department at their respective work assignments, as well as fire safety tips.

Structure Fire Investigations

Fire investigations conducted by the Bureau during the fiscal year July 1, 2016 through June 30, 2017:

July 2016

07/11/16

Residential Structure

Accidental

	4869 Manulele St., Lihue	\$10,000
07/17/16	Residential Structure 2431 Kipuka St. Koloa	Undetermined \$20,000
August 2016		
September 2016		
09/30/16	Carport 3511 Ili Rd. Lawai	Accidental \$60,000
October 2016		
10/11/16	Residential Structure 4546 Piko Rd. Lawai	Undetermined \$700,000
November 2016		
December 2016		
January 2017		
01/03/17	Residential Structure 4636B Awawa Rd., Hanapepe	Undetermined \$100,000
01/18/17	Unattached garage 4718 Naau Rd., Kalaheo	Undetermined \$50,000
February 2017		
02/09/17	Residential Structure 4418 Kilauea Rd., Kilauea	Undetermined \$250,000
02/13/17	Residential Structure 7008 Pomaikai, Kapaa	Accidental \$20,000
02/15/17	Residential Structure 2-2337 Kaumualii Hwy., Kalaheo	Undetermined \$150,000
March 2017		
03/03/17	Residential Structure 4288 Hakuaina, Anahola	Incendiary \$300,000
April 2017		

May 2017

June 2017

06/26/17	Vacant Structure 4485 Pokole Rd., Waimea	Undetermined \$50,000
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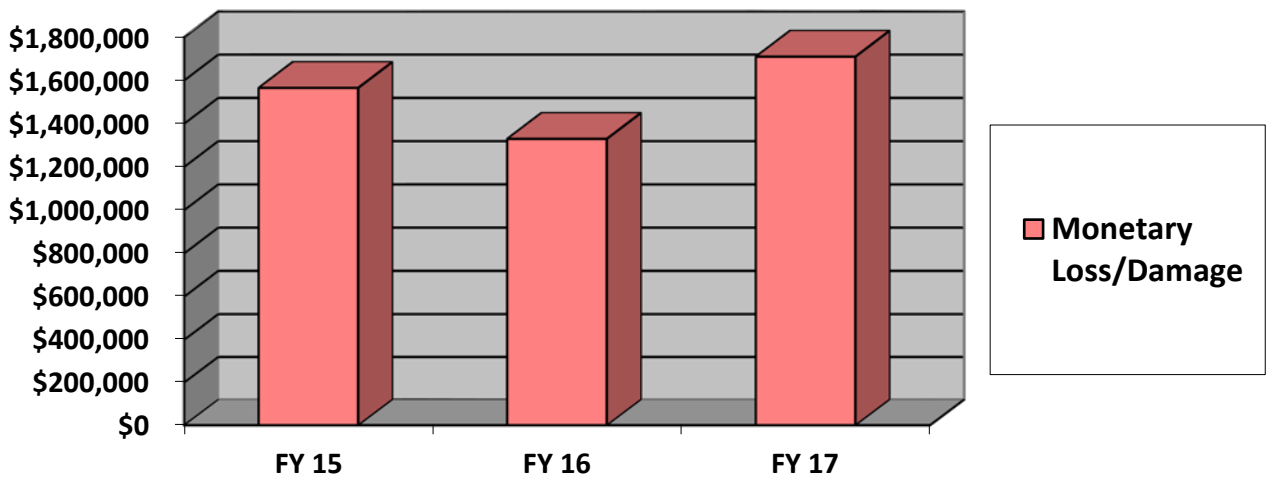
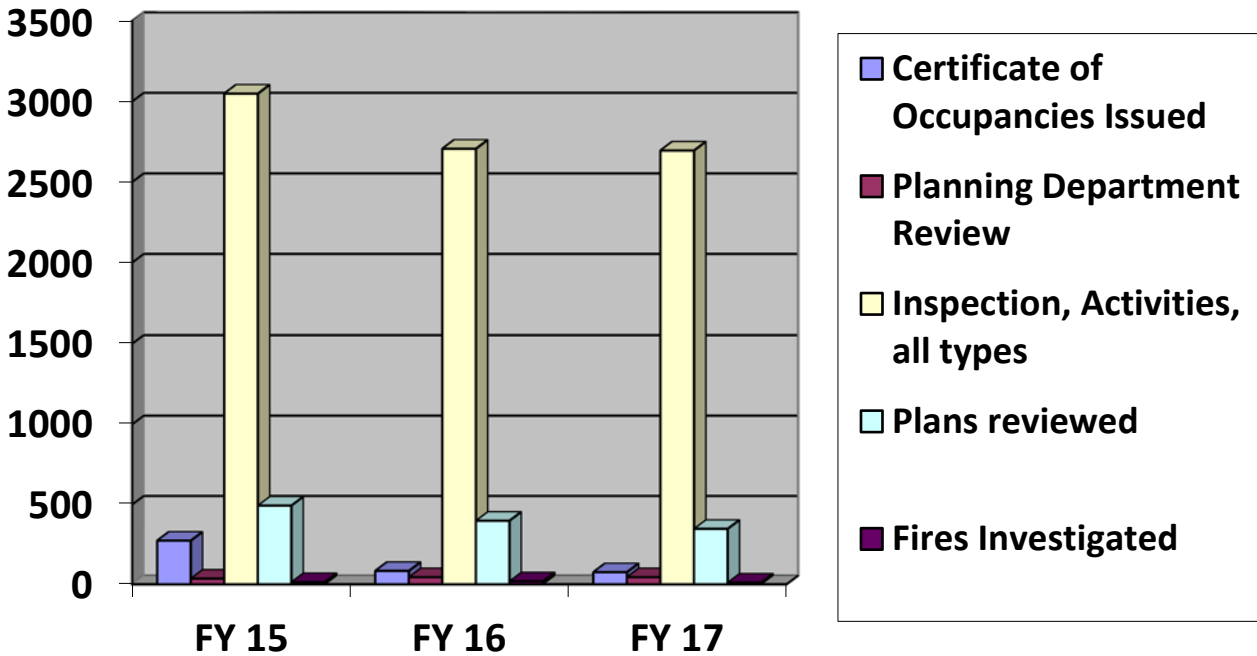
Total Damage Amount	\$ 1,710,000
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INSPECTIONS/ACTIVITIES – ALL TYPES

Hospitals	1
Adult Residential Care Home	0
Schools (Pre, public, private, adult Ed)	53
Certificate of Occupancy	76
AG/UG Tank Installation	6
Tank Removal	0
Planning Department Reviews	45
Building Permit Plans Review	348
ADU Clearance Reviews	29
Temporary Structure/Tent Permits	46
Fireworks License Applications	19
Firecracker Purchase/ Use Permits	387
Fireworks Inspections	55
Fire Investigations	11
Notice of Violation	1
Fire Protection Systems Review	18
Witnessed Acceptance Tests	49
Preliminary Project Reviews	10
Business Occupancy Inspections	45
Complaint Investigations	7
DOH Agriculture Burning Permits Reviewed	50
Miscellaneous Inspections	17
Re-Inspections	19
Code Research Projects	281
State Fire Council Meeting/Activity	5
Correspondence In/Out	124
Miscellaneous	895
Total Activities	2696

PREVENTION ACTIVITY	FY 15	FY 16	FY 17
Certificate of Occupancies Issued	274	84	76
Planning Department Review	36	45	45

Inspection, Activities, all types	3,049	2,707	2,696
Plans reviewed	494	399	348
Fires Investigated	14	19	11
Monetary Loss/Damage	\$1,565,500	\$1,329,900	\$1,710,000



INSPECTIONS/ACTIVITIES – ALL TYPES

Fire Safety Trailer

- Kauai Coffee – 130
- Hanalei Jr. Lifeguards and businesses – 200
- Lihue Jr. Lifeguards and businesses – 93
- DOW Make a Splash – 750
- Home Depot kid's clinic – 94
- Kmart national safety day – 55
- Kalaheo Elementary – 415
- Hanalei Elementary – 304
- Kekaha Elementary – 323
- King Kaumualii Elementary – 428
- Prince Kuhio Day Celebration, Anahola – 250
- DOW Agro science - 82
- Kilauea Elementary - 316
- Kapaa Elementary – 765
- Koloa Elementary – 359
- St. Catherine's – 187
- Eleele Elementary – 357
- Wilcox Elementary - 322
- Island School – 177
- Kawaikini – 83
- Easter Seals – 103

Total Encounters – 5,793

Fire Extinguisher Training

- Sheraton Safety Week FET – 80
- Princeville businesses – 68
- KCC Culinary – 50
- Costco – 30
- CAK Home Show – 62
- Hawaii Gas – 24
- DOW – 40
- NTBG – 50
- CERT annual refresher – 60
- Beck's Hybrid – 50
- Recruit Class – 5

Total Encounters - 519

Fire Safety Presentation

- Kapaa Neighborhood Center Seniors – 20
- Kilauea Neighborhood Center Seniors – 20
- Lihue Neighborhood Center Seniors - 30
- Summer Fun aides – 60
- Regional Science Fair – 80
- Agriculture Awareness Day – 500

Total Encounters - 720

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 Lifeguard Association, Hawaiian lifeguard Association, The Kauai Visitors Bureau, State Drowning and Spinal Cord Injury Prevention Committee, The Rotary Clubs, the goal of raising ocean awareness is being realized.

Staffing is the most vital component to any life guarding service. There are 50 full-time positions, and 9 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 (10) 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 a Roving Patrol Jetski units. 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 Kealia, Ha'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 2016 the ocean safety bureau produced a few State Champions and placed #2 in the State Championships. Getting second place after a long winning streak of twelve consecutive years. There were over 250 kids who participated in the program. There were 5 different locations, 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. This program is a great recruiting tool for future lifeguards for the bureau, as we have 6 employees whom graduated for the Jr Lifeguard program.

The OSB assisted and accompanied 26 Jr Lifeguards to the 2016 National Championships at Redondo Beach, California. A few individuals became national champions and one of our female participants got chosen to be on the USA world youth team.

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 Kalapaki beach with 50 kids per

location, for a total of 250 participants.

OSB is involved with a number of community service events around Kaua'i. OSB was involved in the annual Kauai World Challenge one man canoe race, the Hanalei Bay ocean swim, and Na Pali SUP race. 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 Roving Mobile Units have developed into 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 compensation.

Effective December 1, 2016, three new roving mobile patrol units have been added to OSB operations, one unit per district. Two personnel, a truck with a jet ski, trailer, and all the proper rescue equipment will be utilized at other beaches around Kaua'i, extending our services and creating less response time various beach locations. Six new part-time positions were added to help staff towers and allow full-time personnel to operate the 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 been 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. OSB & KLA has combined forces in producing a NEW ocean safety video that is playing regularly at the baggage claim areas of the Lihue airport and a few resorts around the Island.

There were 16 deaths, related to drowning from swimming pools, snorkeling, fresh water, or scuba diving accidents. All 16 drownings occurred at unguarded beaches. With 478 rescues/assist, 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 fiscal year ending June 30, 2017 was a well below average year statistically.

Tower Activity – Summary

Drownings	16
Rescues/Assist	231
Public Contact	214,338
**Preventative Action	134,379
Minor First Aid	7,113
*Jet Ski rescue/Assist before mobile units	168

Roving Mobile Units effective 12/1/2016 - Summary

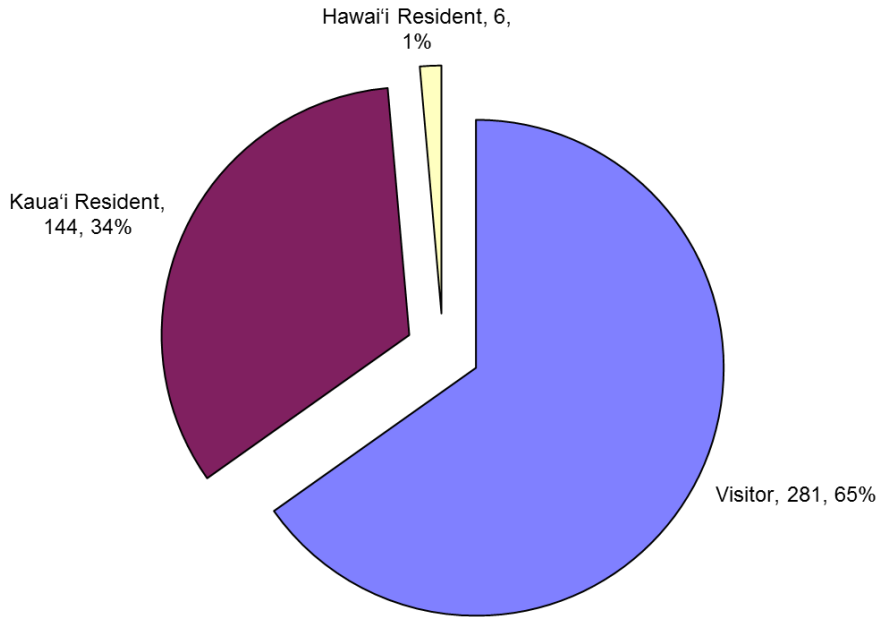
Jet Ski Rescues/Assist	44
Other Rescue/Assist	35
Public Contact	17,100
**Preventative Actions	9,252
Minor First Aid	515

Total participants on Guarded Beaches and Mobile Patrol: *2,340,134

** 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 2016



CERT Annual Report, 2016-2017

24 Hour Basic Training Classes

<u>Location:</u>	<u>Dates:</u>	<u>Graduates:</u>
Kapaa	6-12-16 to 7-26-16	12
Hanalei	7-14-16 to 8-18-16	6
Princeville	1-10-17 to 2-21-17	10
Kapaa	2-9-17 to 3-21-17	19
Hanapepe	1-4-17 to 2-8-17	20
Total:		67

Training

<u>Class:</u>	<u>Date:</u>	<u>Participants:</u>
Wide Area Search & Rescue (EOC)	8-9-16 to 9-11-16	15
Traffic Management	2-11	16
Mass Casualty Training	3-2-17	6
Train-the-Trainer (New Instructors)	5-9-17	9
Annual Refresher	5-20-17	65

Purchasing

Home Land Security Grant: \$20,000

<u>Item(s):</u>	<u>Date:</u>	<u>Cost:</u>
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Pass Fire Burn Pan	7-8-2016	\$2,944.95
Back Packs	8-11-16	\$3,300.00
Ham Radio Equip.	12-14-16	\$5,348.50
Inflatable Shelter	4-17-17	\$10,500.00
Triage Supplies	5-31-17	\$481.48
		Total: \$22,574.93

County Budget: \$5,000

<u>Item(s):</u>	<u>Date:</u>	<u>Cost:</u>
Costco	8-4-16	\$137.90
Home Depot	8-5-16	\$93.44
Costco	2-21-17	\$143.95
Costco	3-2-17	\$55.06
Costco	3-2-17	\$23.53
Home Depot	3-7-17	\$108.37
Costco	4-11-17	\$50.31
Ham Radio Equipment	4-20-17	\$1,179.68
Pelican Cases	4-26-17	\$824.75
Ham Radio Equipment	5-5-17	\$150.66
District Maps	5-5-17	\$436.80
Costco	5-18-17	\$124.42
Costco	5-20-17	\$241.49
District Maps	6-5-17	\$174.72
Ham Radio Equipment	6-9-17	\$191.09
Ham Radio Equipment	6-9-17	\$275.95
		Total: \$4,212.12

AUTHORIZED PERSONNEL

June 30, 2017

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)	2

FIRE PREVENTION BUREAU

Fire Captain	1
Fire Prevention Inspector II	1
Fire Fighter III (Prevention Inspector)	3

FIRE SUPPRESSION & HAZMAT/RESCUE

Battalion Chief	3
Fire Captain	27
Fire Fighter III	27
Fire Fighter II (Rescue)	6
Fire Fighter II (HazMat)	9
Fire Fighter I	59
Fire Fighter Trainee	5

OCEAN SAFETY BUREAU

Ocean Safety Officer V	1
Ocean Safety Officer IV	4
Ocean Safety Officer III	4
Ocean Safety Officer II	36
Ocean Safety Officer I	13
*Program Support Technician II	1

SUB-TOTALS

Uniformed Personnel – Fire	146
Uniformed Personnel – Ocean Safety	58
*Civilian Personnel	<u>9</u>

GRAND TOTAL

213

RETIRED FIRE PERSONNEL

<u>EMPLOYEE</u>	<u>POSITION</u>	<u>RETIRED</u>
Fountain, Steven	Fire Fighter III	08/31/16 c.o.b.
Higa, Sueo	Fire Captain	12/30/16 c.o.b.
Hunter, Norman	Ocean Safety Officer IV	02/28/17 c.o.b.
Souza, Kevin	Fire Captain	03/31/17 c.o.b.
Yamagata, Roy	Ocean Safety Officer IV	11/30/16 c.o.b.

OUTSTANDING EMPLOYEES FOR FISCAL YEAR 2017

<u>EMPLOYEE</u>	<u>POSITION</u>	<u>BUREAU</u>
Duncan, David	Ocean Safety Officer II	Ocean Safety
Scovel, James	Fire Captain	Training