



Fire Department
Fiscal Year 2024 Annual Report
July 1, 2023 – June 30, 2024

Michael R. Gibson
Chief

FIRE DEPARTMENT

I. MISSION STATEMENT

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

II. DEPARTMENT GOALS

The Kaua'i Fire Department (KFD) is dedicated and highly motivated to make our community safe. The KFD team has effectively carried out duties to achieve 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 Kaua'i a safer place by supporting and promoting training for the community; enforcing the National/Hawai'i 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.

III. PROGRAM DESCRIPTION

To achieve departmental goals, the Kaua'i Fire Department has an authorized staff of 225 employees--145 uniformed fire personnel, 72 uniformed ocean safety personnel and eight (8) civilians assigned to five (5) major service bureaus, eight (8) fire stations, twelve (12) lifeguard towers located throughout the island, one roving beach patrol, and three (3) Roving Jet Ski Patrols, one in each of the three districts (North, East, South/West).

The department prioritizes preventative measures to avert emergencies before they happen. Community risk reduction activities including fire code enforcement, fire investigation, fire safety programs, ocean safety awareness, and targeted programs like fall prevention, smoke detector installation, and fire extinguisher training.

Emergency response is a core capability that the department provides at a high level to the community. Our responders are highly trained and skilled to deliver emergency response through the air, on the land, and in the water. Search, rescue, and fire suppression is supported by the department air operations helicopter. Fire operations crews are trained in fire suppression, emergency medical, hazardous materials, technical rescue, and water rescue. Specialty teams for hazardous materials and technical rescue are deployed to manage these complex highly specialized responses. The Ocean Safety Team provides initial response to emergencies in and around the water through land-based and on-water rescue teams. Roving jet-ski teams are strategically located around the island to provide rapid response to offshore emergencies.

The Fire Commission appoints the Fire Chief and reviews and provides input for the annual budget.

The five major service bureaus are Administration, Operations, Training, Prevention, and Ocean Safety.

OPERATIONS BUREAU

Fire Operations is comprised of three Battalion Chiefs, and 132 Fire line personnel (21 Fire Suppression Captains, three Hazmat Captains, three Rescue Captains, 27 Fire Apparatus Operators, six Fire Rescue Specialists, nine Hazardous Materials Technicians, and 60 Fire Fighters). They respond to fire and hazmat/rescue incidents and assist in all 911 emergency medical calls.

Fire fighters work 24-hour shifts for an average of 56 hours per week. They are assigned to three platoons, each consisting of one Battalion Chief and 44 fire fighters. Each platoon staffs eight 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, except for 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 our fire stations is at five except for Līhu'e which is a nine-person station.

HIGHLIGHTS

July 2023

- 7/1 – E6/T6, T5, E7/T7, BC – Brushfire with structures nearby in Hanapēpē
- 7/6 – R3, Air1 – Female hikers airlifted out of Kalalau, no injuries
- 7/8 – E2/T2, East Roving Ski – Assisted paddle boarders from Secret Falls back to Jetty
- 7/9 – E8, R3 – Broken ankle Hoopii Falls, patient wheeled out of trail to AMR
R3, Air1, E1/T1 – Sick hiker airlifted out of Kalalau
E8/T8, Air1, East Rov. Ski, BC – Surf rescue at Kealia beach
T7 – Assisted hikers out of Kukui trail
- 7/11 – E1/T1, Air1, R3 – Airlifted two stranded hikers out of Kalalau trail
- 7/12 – E1/T1, R3, Air1 – Male with a head injury airlifted to Princeville airport
- 7/14 – E1/T1, R3, Air1 – Female with an ankle injury airlifted from Hanakāpī'ai
- 7/19 – E1/T1, R3, Air1, OSB ski – Male with overturned kayak brought safely to shore
- 7/20 – E1/T1 – Patient with an ankle injury wheeled out of trail
E7/T7 – Patient assisted out of Waimea Canyon trail
R3, Air1, CG – PMRF kayak floating offshore, shoreline search
- 7/29 – E1/T1, R3, Air1 – Patient airlifted out of Hanakāpī'ai

August 2023

- 8/3 – L4/T4; Male patient found face down in Waiohai Bay, CPR incident
- 8/4 – North Rove, E1/T1/Zodiac 1; Boat taking on water outside Na Pali, assisted vessel with 5 personnel on board back to Hanalei Bay
- 8/5 – E6/T6, South Rove; Assisted boat adrift in Port Allen Bay.

- E7/T7, South Rove; assisted with towing a vessel outside of St. Theresa to Port Allen
 E7/T7, E6/T, R3, Air-1, BC; Brushfire at Russian Fort
- 8/8 – L4/T4, South Rove; assisted diver stuck in current at Keiki Cove
 E2/T2, R3, Air-1, BC1; Shorted-hauled 46 YOF visitor with difficulty breathing from Secret Falls
- 8/9 – E7/T7; Assisted female visitor who felt dizzy out of Waipo’o Falls
- 8/13 – R3, Air-1, E3; 47 YOM short-hauled from Weeping Falls
 E5/T5, E6/T6, R3, BC1; Structure fire in Kalaheo
- 8/19 – E1/T1, R3, Air-1; Airlifted 31 YOF from Kalalau with dislocated shoulder
 E1/T1; Utilized ropes to extricate 53 YOF visitor with broken ankle at Queen’s Bath
- 8/20 – E7/T7, E6/T6, E5/T5, R3/T3, BC; Structure fire in Kaumakani Ave, one fatality
- 8/22 – E7/T7, R3, Air-1, BC; Assist missing hiker from Alaka’i Swamp Trail
- 8/25 – L4/T4, South Rove; Assisted swimmer in distress in Kōloa
- 8/26 – E7/T7, T6, T5 Tanker 1, BC; Brushfire in Pa’ula’ula. Scene eventually turned over to G&R
- 8/27 – E1/T1, R3, Air-1; 70 YOF resident with injured ankle airlifted out of Kalalau Beach
- 8/29 - E8/T8, T1, T2, BC3; Brushfire in Anahola
- 8/30 – E4/T4; Brushfire in Kōloa/Po’ipū Rd
 E2/T2, R3, Air-1; Swimmers in distress brought in by good Samaritans

September 2023

- 9/2 – E1/T1, R2, Air-1; 57 YOF visitor airlifted from Hanakoa with a broken ankle
- 9/6 – E8/T8, E2/T2, Air-1; - Brushfire Kalalea Rd
 E7/T7, E6/T6, Tanker 1, BC1; Brushfire in Koke’e
- 9/7 – E3/T3, Tanker 1, R3, BC3, E5/T5; Warehouse fire in Puhī
- 9/8 – E2/T2, E8/T8, E3/R3/T3; Structure fire in Kapa’a, Kaua’i Village
- 9/13 – E1/T1, R3, Air-1; 28 YOF visitor airlifted from Kalalau Beach due to dehydration
- 9/16 – E2/T2, E8/T8, R3/T3, BC3; Structure fire contained to the garage
- 9/17 – E7/T7; Shots fired, standby at St. Theresa Church
- 9/21 – E3/R3/T3, E2/T2, E5/T5, BC2; Structure fire on Kūhiō Hwy, exterior walls only
- 9/22 – T7, R3, Air-1; 57 YOM DOA due to fall at Waipo’o Falls
- 9/24 – E8/T8, E2/T2, R3, Tanker 1, BC; Large brushfire Kukuihale and Pilipoli Rd, Anahola
- 9/25 – E1/T1, R3, Air-1; 57 YOF visitor with an injured ankle airlifted out of Hanakāpī’ai Falls
- 9/26 – E3, R3; Vehicle vs pedestrian, DOA
- 9/28 – E5/T5, E3, R3/T3, BC2; Structure fire

October 2023

- 10/1 – E1/T1; Assisted 39 YOM visitor who was lost on Okolehau Trail
- 10/9 – E3, R3, E2/T2, BC3, Prevention; Structure fire in Hanamā’ulu, eight displaced
 E2/T2, E8/T8, Tanker 1; two separate brushfires in Anahola

10/7 – R3, Air-1, BC3; Dirt biker airlifted from Kalepa Ridge, injured knee
10/9 – E1/T1, R3, Air-1, North Rove; missing beach goer. Later found down the beach
10/14– E1/T1, R3, Air-1; male subject airlifted out of Kalalau with an injured ankle
10/20– R3, Air-1; Airlifted female pt with an injured leg from Kalalau Valley
E8/T8, OSB; male swimmer brought into shore by LG, 'Aliomanu
10/23– E8/T8, R3; 31 YOF with broken ankle wheeled out of Ho'opi'i Trail
10/24– E1/T1, R3, Air-1; male subject with injured knee airlifted from Hanakoa Valley
10/29 –E1/T1, R3, Air-1; 2 visitors airlifted from Kalalau due to sickness
10/30 –E1/T1, R3, Air-1; 24 YOF visitor airlifted from 8mm Kalalau trail, panic attack

November 2023

11/3 – E1/T1, North Rove; diver stuck in a cave, brought to beach by OSB
11/5 – E7/T7, OSB; 16 YOM pulled from the water, near drowning
E1/T1, OSB; victim pulled from the water, CPR provided
11/6 – E4/T4; 58 YOM pulled from the water; CPR with Lucas provided
11/12– E1/T1, R3, Air-1; Pt was short-hauled from Hanakāpī'ai Trail with a possible head injury.
11/13 - E8/T8, R3; Used basket and wheel to extract 32 YOF with ankle injury Ho'opi'i Falls
11/18– E6/T6, E5/T5, BC3; 10acre brushfire north of Salt Pond Beach
11/20– R R3, Air-1; short-hauled 3 stranded hikers due to high water across Kukui trail LZ
11/21– E7/T7, R3; Hiked out pt with broken ankle from Pihea Trail

December 2023

12/7 – E1/T1, North Rove; one swimmer in distress, two good Samaritans went out to help. OSB assisted all three swimmers back to the beach
12/11– E1/T1, R3, Air-1; airlifted hiker with injured ankle from Hanakāpī'ai Trail
L4/T4, JS-4; assisted kayaker who lost his paddle back to the harbor
12/28– E1/T1, R3, Air-1; 56 YOM with possible broken ankle airlifted from Kalalau 8mm

January 2024

1/2 – E2/T2, R3, Air-1; male subject airlifted from Sleeping Giant due to seizure
E7/T7; male visitor wheeled out of Waipo'o Falls with lower leg injury
1/5 – E2/T2, R3, Air-1, East Rove; search for possible missing swimmer fronting Pono Kai
1/6 – E2/T2, E8/T8, Air-1, East Rove, Drone Team; continue search for missing swimmer, Kapa'a
1/7 – R3, Air-1; airlifted pt unable to walk out of Kalalau
1/14 – E1/T1, R3, Spare Air-1; pt fell 30 ft on Hanakāpī'ai Trail, CPR provided
T7, R3; assisted male hiker with injured hip out of Halemanu Kokee
1/25 – E1/T1, R3, Air-1; 54 YOF dehydrated, airlifted out of Hanakāpī'ai Trail
1/26 – E6/T6, E7/T7, BC1; small fire to the garage of the home
1/29 – R3, Air-1; airlifted 3 males from Waimea Vally due to high water

February 2024

- 2/4 – T7, R3; 58 YOM visitor wheeled out of Waipo‘o Falls with an injured knee
- 2/5 – E1/T1, E8/T8, E2/T2, BC3, P3; Condo fire in Princeville, 2 displaced
- 2/8 – E1/T1, R3, Air-1; 77 YOM fell at Sealodge Beach. Short-hauled out, hip injury
- 2/10 – E1/T1, R3, Air-1; 63 YOF fell 20ft with a head injury. Short-hauled from Hanakāpī‘ai Falls
- 2/13 – E1/T1, R3, Air-1; 70 YOM airlifted out of Hanakāpī‘ai due to cardiac condition.
- 2/21 – E1/T1, E8/T8, E2/T2, R3/T3; structure fire in Wainiha, fully involved
- 2/22 – E1/T1, R3, Air-1; 34 YOF fell 30ft at Hanakāpī‘ai Trail, airlifted to Princeville
- 2/24 – E6/T6, E5/T5, E7/T7, R3/T3, BC2, Prevention; Large apartment fire in ‘Ele‘ele

March 2024

- 3/5 – E2/T2; Male distressed swimmer brought in by fire personnel at Pono Kai
- 3/10 – E1/T1, R3, Air-1; 31 YOM with a broken leg due to fall at Lumahai. Airlift to Waipa LZ
- 3/11 – E7/T7, E6/T6, Tanker 1, BC1; Brushfire on Koke‘e Rd
- 3/12 – E1/T1, R3, Air-1; Female with blisters airlifted out of Kalalau Valley
- 3/14 – E7/T7, T6, BC3; Brushfire at 4mm on Waimea Canyon Rd
- 3/21 – E2/T2, E8/T8, E3, R3/T3, BC3, P1; Factory fire on Apopo Rd, Kapa‘a. Fully involved
- 3/25 – E7/T7, R3, Air-1; short-hauled injured female hiker from Waipoo Fall trail. Ankle injury
- 3/29 - E7/T7, E6/T6, Tanker 1, BC1; brushfire at Kapalawai

April 2024

- 4/1 – R3; assisted female swimmer at Kalapakī Bay
- 4/10 – E1/T1, R3, Air-1; 64 YOM fell at Hideaways, airlifted to medics
- 4/11 – E2/T2; 1 adult, 6 children trapped in home due to flooding. Rescue board to safety
R3; assisted with evacuation of personnel in Waikomo Rd
L4/T4; evacuated disabled female and male from home due to flooding
E2/T2; used Rescue board to evacuate 6-7 children to safety due to flooding
L4/T4; rescued 4 persons trapped in home due to flooding
L4/T4; rescued one male trapped in his vehicle due to flooding
- 4/13 – L4/T4, R3, Air-1, South Rove; assisted overturned canoe, 6 people in the water
- 4/14 – E2/T2, R3, Air-1; airlifted 3 hikers who were stranded at Blue Hole trail due to high water
E7/T7, R3, Air-1; 9 hikers stranded in Waimea Valley due to high water, airlifted to safety
- 4/20 – E8/T8, E2/T2, E3, R3/T3; Fully involved structure fire on Apelila Rd, Kapa‘a
- 4/27 – E1/T1, R3, Air-1; airlifted female with possible appendicitis from Kalalau Beach
- 4/28 – E8/T8; 2-acre brushfire in Anahola

May 2024

- 5/2 – E1/T1, R3, Air-1; 36 YOF visitor airlifted out of Kalalau with possible heat exhaustion
E8/T8, E2/T2, R3, Tanker 1, Air-1, BC1; brushfire in Anahola
- 5/3 – E1/T1, R3, Air-1; 65 YOM visitor with broken leg short-hauled to safety, Princeville
- 5/7 – E1/T1, R3, Air-1; 39 YOM with injured ankle airlifted from Kalalau Beach
- 5/13 – E8/T8, E2/T2, E3, BC1; small structure fire in Anahola
E1/T1, North Rove; assisted to kayakers in distress in Hanalei River
- 5/19 – T7, R3, Air-1; 43 YOF with broken ankle airlifted to safety from Kukui Trail
E7/T7, E8/T8/HM8, BC; propane leak in Waimea, evacuated adjacent homes
- 5/22 – E1/T1, R3, Air-1; Airlifted two visitors from Hanakoa with possible food poisoning
- 5/24 – E3, R3/T3, E2/T2, L4/T4, E5/T5, BC1, P1; Industrial warehouse fire in Puhi
- 5/29 – E7/T7, R3, Air-1; 57 YOF visitor airlifted out of Kukui Trail with sprained ankle

June 2024

- 6/8 – E1/T1, R3, Air-1; 75 YOF with heat exhaustion airlifted out of Hanakāpī'ai Beach
- 6/9 – E1/T1, R3, Air-1; 28 YOF with a hip injury airlifted out of Okolehau Trail
- 6/12 – E7/T7, E6/T6, E5/T5, Tanker 1, Air-1, BC3; large brushfire above Panini Pl
- 6/14 – E7/T7, R3; assisted 71 YOM visitor feeling weak at Kukui Trail
- 6/15 – E1/T1, R3, Air-1; airlifted 64 YOF from Hanakāpī'ai Trail, ankle injury
L4/T4, South Rove; assisted two swimmers to shore fronting PKs
- 6/21 – E3/T3; homeless encampment structure fire
- 6/25 – E2/T2, R3; 47 YOF visitor with ankle injury assisted out of Secret Falls
- 6/26 – E2/T2, R3, Air-1; 74 YOF visitor airlifted out of Sleeping Giant with a knee injury
- 6/28 – E1/T1, OSB – 49 YOF with broken ankle carried out of Hanakāpī'ai Trail, ¼ mile in

EMERGENCY CALL REPORT BY INITIAL DISPATCHED UNIT

Incident Type	Sta 1	Sta 2	Sta 3	Res 3	Sta 4	Sta 5	Sta 6	7 Sta	Sta 8	Total
Fire	40	86	52	30	21	13	32	58	160	492
Rupture/Explosion	2	1	1	0	0	0	0	0	1	5
EMS/Rescue	596	777	647	617	668	496	366	477	724	5368
Hazardous Condition	14	8	11	2	5	6	3	0	12	61
Service Call	66	56	95	89	57	56	28	64	59	570
Good Intent	190	84	184	177	140	48	14	67	143	1047
False Call	28	21	50	19	45	9	7	11	16	206

Severe Weather	2	1	1	1	0	0	0	0	0	5
Other	0	1	1	0	0	0	0	1	0	3
Totals:	938	1035	1042	935	936	628	450	682	1115	7761

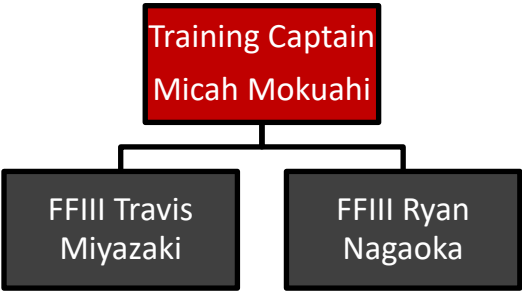
TRAINING BUREAU

PURPOSE

The Training Bureau assists training cadres with planning annual program budgets, developing new training, and assuring all mandatory trainings are provided.

In FY 2024 the Training Bureau executed the 2023 Training Plans. These plans were built to encourage consistent and coordinated training across the department. Areas of focus on the plan address training needs identified by the Chief Staff.

A Fire Captain and two Fire Service Trainers (FFIII) staff the Training and Research Bureau. They are tasked with coordinating the training of all Fire Fighter Trainees and line personnel.



Mission Statement: The Training Bureau’s motto is “Commitment to Excellence”

This mission is realized by three goals.

GOALS AND OBJECTIVES

- “Create a culture where people are hungry to learn.” The hope is to provide exciting and interesting training in a positive atmosphere where we fail forward. These instances are teaching points to help encourage a positive mindset and a desire to learn.
- “Every Day we get a little bit better.” This supports the idea that Kaua’i Fire Department members can strive daily for personal and department wide improvement. This is in alignment with the Kaua’i Fire Department Strategic Plan, which highlights the need for a *continuous improvement mindset*.
- “Be a full stack.” The final guide is built upon the observations of a FF3 that a full stack of pancakes is better than a short stack. The same logic is applied to American Fire

Service and team building. The belief is the Training and Research Bureau must itself function as a full stack or crew. Everyone works trains, exercises, and brainstorms together to encourage continual improvement. Fostering teamwork influences the design of all classes created in the Training and Research Bureau.

ACTIVITIES AND TRAINING

- I. Program Descriptions
 - a. ASHER/NFPA 3000 – this training program is working to improve KFD’s interactions with KPD and EMS at active shooter events.
 - i. Training of Recruit Class 32
 - ii. Participated with Multiagency drill at KCC
 - b. Fire Ground Command (FGC) Cadre – Program implemented to standardize department communications at emergency scenes.
 - i. All captains and FFIII are Fire Ground Command certified command officers
 - ii. The FGC cadre has introduced Expanded Sets and Reps in FY2024 to provide officers with a chance to practice fire ground command operations in station with their respective Battalion Commander.
 - iii. Introductory training provided as part of Recruit curriculum
 - c. Driver Training – Provides initial training to DOT standards for new hires. Also conducts refresher training.
 - i. Annual refresher for all personnel
 - ii. In 2024 one week with RC32
 - d. Extrication – In service training for crews every other year. Cadre also trains new hires for a week in recruit training.
 - i. Biannual refresher will take place in 9/2024
 - ii. Trained Recruit Class 32
 - e. Fire Ground Operations – Program provides initial attack training for Fire Fighter Recruits.
 - i. Annual on duty refresher to KFD 3/2024
 - ii. Trained Recruit Class 32
 - f. Fire Ground Survival/RIT – Program created with assistance from IAFF to train all personnel in surviving and responding to fire ground maydays and emergencies.
 - i. FGS Cadre provides annual refreshers
 - ii. Use of UPW building has been an incredible asset and is used to give crews realistic training scenarios.
 - iii. Props were upgraded to assist in implementing Search and Rescue / RIT techniques and mimic what crews would come up against.
 - iv. New fireground Search, Survival, and Rescue training brought to Kaua’i from Cadre members who attend training conferences.

- g. HAZMAT
 - i. Annual HazMat refresher is designed to assist crews with preplanning hazards in their district.
 - ii. Received OSHA's Train the Trainer certification to certify Firefighters to HAZTECH level.
 - iii. Trained Recruit Class 32 to HAZMAT Ops / Awareness level/ HAZTECH level.
 - iv. Multi-agency training with Coast guard and Law Enforcement

- h. Helicopter – Program conducts on duty refresher training to keep line personnel up to date on best practices in a high-risk low occurrence aspect of fire department duties. The cadre has also implemented standardized training for line personnel and has refined the skills introduction process for new hires.
 - i. After Air1 engine was replaced, Cadre quickly started to refresher training for KFD personnel.
 - ii. Training for RC 32 scheduled for 11/2024

- i. EMS – Program has implemented annual refresher and in station training for EMS continuing education. EMS cadre assists KCC staff with training new hires in initial NREMT certification. Program also oversees annual refresher needs of the department.
 - i. NREMT recertification:
 - 1. 50 renewals in 3/2024 (1 certified to A-EMT)
 - ii. RC 32 five KFD enrolled and certified in NREMT

- j. PADO/AADO – Cadre tasked with training line personnel to IFSAC standards for Pumping Apparatus Driver Operator. A new curriculum added in 2019 to raise department skill levels with using Pumping Apparatus to supply water on the fire ground.
 - i. Skill sheets created and used to hold new standard. Continuing progress towards IFSAC certification
 - ii. Two classes conducted annually to raise standard of service.
 - iii. RC 31 participated in one week class to TA up to FAO if needed.

- k. Ropes – Program trains the department in the use of new rope rescue skills and equipment. The cadre also trains new hires in basic ropes rescue operations.
 - i. Cadre is writing basic ropes SOG for department wide consistency.
 - ii. Cadre also working to standardize rope rescue equipment department wide.
 - iii. Keystone Drill continues and has evolved to “in the field” scenarios instead of in the engine bay.
 - iv. Cadre continues to build off prior refreshers using observations from Keystone Drills

- l. Swift Water
 - i. Recruit Class Training to Dive Rescue International standard.
 - 1. Recruit class 33 Training Scheduled for 12/24.

- m. USLA – Program oversees the annual refresher training for line personnel and a one-week water lifesaving training for new hires. The cadre is also tasked with maintaining Kaua’i Fire Department’s USLA ARRT (Aquatic Resource Rescue Team) certification (Recertified 2024)
 - i. Annual Refresher off duty held for all personnel 8/2024. Officers and operators invited to attend.
 - ii. Trained RC 32, RC 33 Training scheduled for 11/2024
 - iii. Annual Keystone Drill for this year was Rescue of two unconscious victims. 5/24
- II. Budget - FY 2024
 - a. Original budget: \$1,449,837
 - b. Revised budget: \$1,383,541

ACCOMPLISHMENTS

- I. Certifications were awarded in the following disciplines.
 - a. IFSAC Firefighter I and II
 - b. IFSAC HAZMAT Awareness and Operations
 - c. HAZTECH – five KFD Firefighters
- II. Recruit Training
 - a. Recruit Manual updated and signed by the Union.
 - b. Overarching goal of Recruit Training is to instill a service-oriented mindset. Training has the goal of creating a workforce united towards a goal of career long service and improvement.
 - c. Continued the use of Monthly KFD specific JPR forms created by KFD line personnel for Training Bureau use.
- III. Implementation of the 2024 Annual Training Plan. This plan focuses on quality training of core firefighting skills and incremental improvement.
 - a. Updated of KFD specific Skills Sheets
 - i. These sheets are used for recruit skill testing and for line personnel to maintain a consistent base level of skills.
 - b. Keystone Evolutions
 - i. Company level drills designed to tie together multiple Task Performances from the training plan.
 - ii. Evolutions also introduced the idea of time standards for crews.
 - iii. Ropes Keystone – Operating under the crawl, walk, run philosophy, the ropes keystone is now moving into somewhere in district to conduct their drill of lowering and raising a rescuer adding a more practical feel to the drill.
 - iv. New Keystone Drills: USLA and PADO.
 - 1. USLA – Seeing a need to keep KFD’s water skills sharp, a USLA Keystone was proposed and carried out during 3/2024. Crews would respond to an area in / near district and rescue an unconscious swimmer.

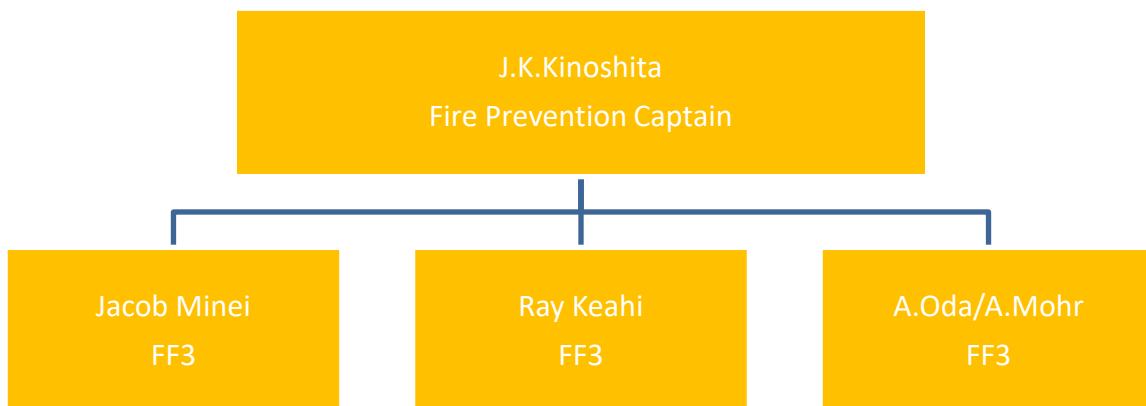
FIRE PREVENTION BUREAU

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 & residential 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

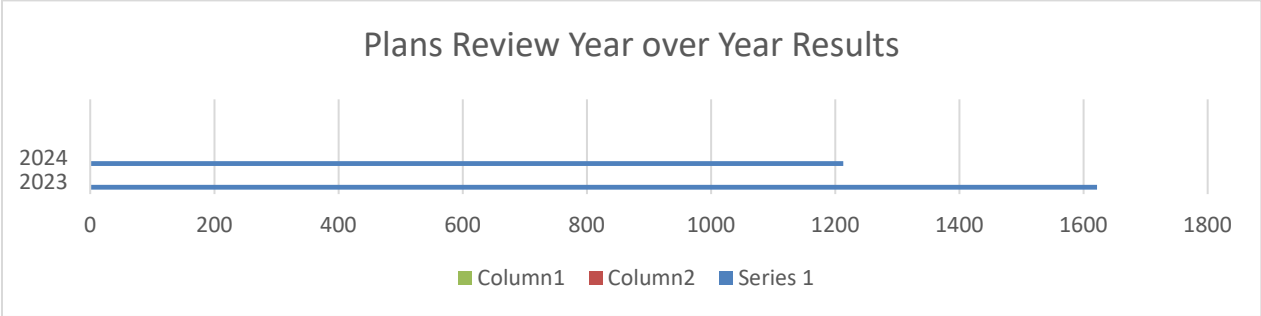
1. To promote fire prevention and life safety awareness in the community.
2. To reduce and minimize fire hazard conditions.
3. To investigate the origin and cause of fires.
4. To enforce the Kaua'i County Fire Code.



Plans Review (Commercial & Residential)

Plans review remains our largest area of responsibility for FPB. Through the electronic plan review process (EPR) we are assigned all commercial projects through our COK building division. Our focus on these plan reviews are Fire Department Access and Water Supply. As a result, we consult various stakeholders such as our Water Department, Planning, Engineering, and our private sector partners to name a few. Embedded in this

process are our Witness Acceptance Testing (W.A.T). The purpose to the WAT process is to confirm that the processes approved in the review process are being implemented.

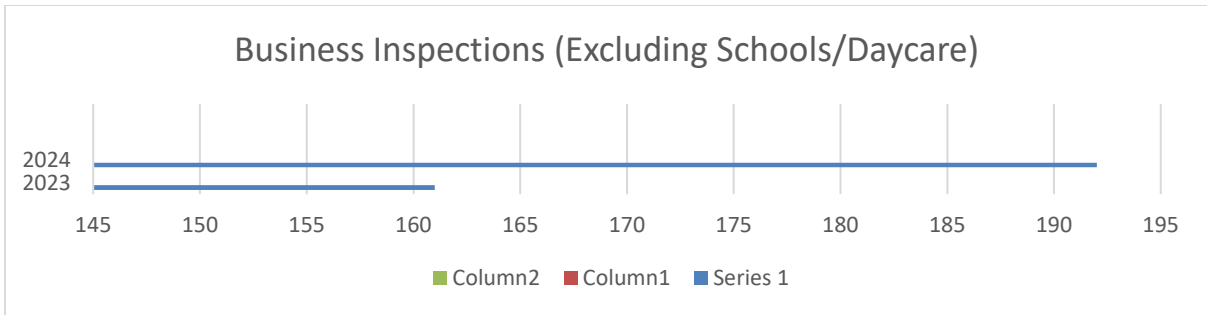


The number of plans review will vary and is directly influenced by macroeconomic forces. As we look at the year over year numbers, we can see 2024 has a slight drop off in the number of plan reviews. Several factors can influence these numbers such as a major development and/or renovation project which can have single permits assigned to each work order.

A major development for our FPB is we now review ALL residential plans that Building Division determines affect the Fire Department. We discussed this with Building Division and we both decided it would be best for the community, as well as our respective divisions, if fire reviewed all residential plans. Since our start in June 2024, we have received nearly double the average number of plan reviews for 2024. To handle this shift, we have assigned two other personnel to help lead plan reviewer FF3 J. Minei. Fire Prevention Captain Kaeo Kinoshita (general) FF3 (Solar PV) also assists with plan review. We are in constant communication with Building Division to anticipate and evolve in our operating climate.

Fire Inspections

Every year we work with the State of Hawai'i to inspect all Department of Education schools, Charter schools, childcare centers, and after school programs. These types of inspections are usually done during the months of August to February, and we work closely with the State of Hawai'i to ensure these places are up to code. For our business inspections we continue to focus on restaurants and smaller hotels/condos. We prioritize higher hazard occupancies like these where life safety risk is elevated due to the nature of these places.



Fire Investigations

The focus this year was to strengthen our collaboration with our brothers and sisters at the Kaua'i Police Department and our Kaua'i Office of the Prosecuting Attorney. KFD does not have a designated investigator, and the responsibility is spread amongst the prevention staff who have at least six months of experience or attended a certified investigation training. Our plan is to meet quarterly with KPD and the OPA to ensure that we understand our roles in arson investigation and continue to explore ways to enhance our investigations.

Training for fire investigations is constantly explored by KFD. FF3 Minei attended a two-week course for fire investigation at the national fire academy in Emmitsburg, Maryland. Our entire bureau also attended the IAII annual training conference in Oahu during the year where we trained and covered many topics on fire investigation. KFD and KPD worked together to bring an introduction to fire investigation class on island for both of our organizations.

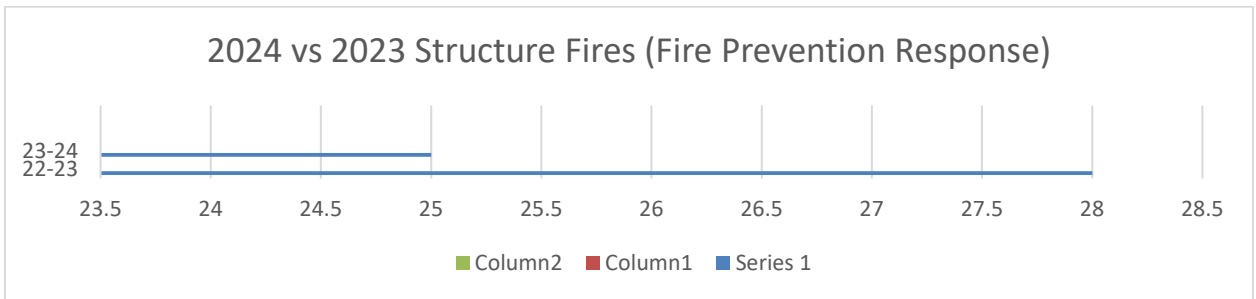
In addition to our investment in training, we have invested in our capabilities by acquiring two Model 950 ASH accelerant and hydrocarbon detector. Having a tool where we can determine if accelerants were involved in an incident allows us to notify the appropriate agencies as well as alter the course of our investigation. We are also continuing to work with Honolulu Fire Departments Accelerant Canine unit to develop an MOU to assist our department in certain cases.

Our fires listed below does not reflect all fires investigated or responded to. Some fires were investigated at the company level and are not included below.

Address	Determination	Dollar Amount
4469 Waialo Rd	Accidental	50,000
5460 Kōloa Rd	Undetermined	1,000
4880 Puuwai Rd	Undetermined	350,000
4538 Hoomana Rd	Accidental	300,000
403 Molo St	Accidental	

3-4684 Kūhiō	Incendiary	1,200
61 Okupu St	Undetermined	20,000,000
380 Papaloa Rd	Accidental	50,000
1536 Haleukana St	Accidental	500,000
3880 Wylie Rd	Incendiary	50,000
4619G Powerhouse Rd	Incendiary	650,000
4555 Apopo Rd	Undetermined	350,000
5208 Apelila St	Accidental	500,000
6437 Kahuna Rd	Undetermined	15,000
Anahola Beach Park	Undetermined	51,000
5031 Kuia Rd	Accidental	500,000
4002 Mahuahua Rd	Accidental	20,000

Total Damages \$23,388,200



Public Education & Community Events

Fire Prevention Week Kick-Off October 2023



In October, KFD held our large-scale public event to bring in Fire Prevention month. Approximately 500 people attended throughout the day. Food, games, and prizes were given to all ages. Activities included fire extinguisher training, fire engines, sparky appearances. Amongst the organizations represented were Hawaii wildland management organization who promoted the Firewise program to help residents prepare for wildfires and KEMA who discussed the importance of emergency notification and preparation.

Post-Lahaina Demand for Fire Extinguisher training and other types of Emergency training.

In the Fall of 2023, there was a substantial uptick from organizations and communities to have fire safety training. KFD provided an all-time high of Fire Extinguisher training during this period and year to date. Organizations ranged from schools, hotels, to both profit and non-profit organizations of all sizes. We were also able to give training to our very own County of Kaua'i during this fiscal year. 2024 provided an 4,500% increase in training provided from the previous year.

Stop the Bleed Trainings

The stop the bleed program held various trainings island-wide

- Holo Holo Charters
- Corteva
- KIUC

Public Events

- Kaua'i Police Department "Touch a Truck" Event
- KEO Health Fair
- Lights On Rice Parade; Sparky Event
- Hope for Heros with KPD
- COK/Ho'ola Lahui Community Outreach
- WCMS Career Day
- Kekaha Community Event "Choose Love Concert/Fair"
- Waimea Lights Parade with Ocean Safety Bureau
- Career Day King Kaumuali'i Elementary School
- Career Day Kapa'a Elementary School
- Prince Kūhiō Day- Anahola Beach Park
- Girl scouts of Kaua'i Fire safety event
- VOAD booth with Kaua'i Emergency Management Agency
- Waimea High School Career Day
- Kamehameha Day Parade; Sparky Event
- Wilcox Elementary School Career Day
- Kekaha School Career Day

Sound the Alarm: Partnership between Kaua'i Red Cross and KFD

In March of 2024 we were able to partner up with the Kaua'i Red Cross to install smoke alarms in high-risk areas. The sound the alarm program is a nation-wide program for red cross. The 2024 the location was Kaumakani, Kaua'i. This small community purposes a life safety challenge due to factors such as home construction type & age, Fire Engine access, dry vegetation, and low water supply.

- 59 Homes
- 100 Smoke alarms installed
- 193 Clients helped

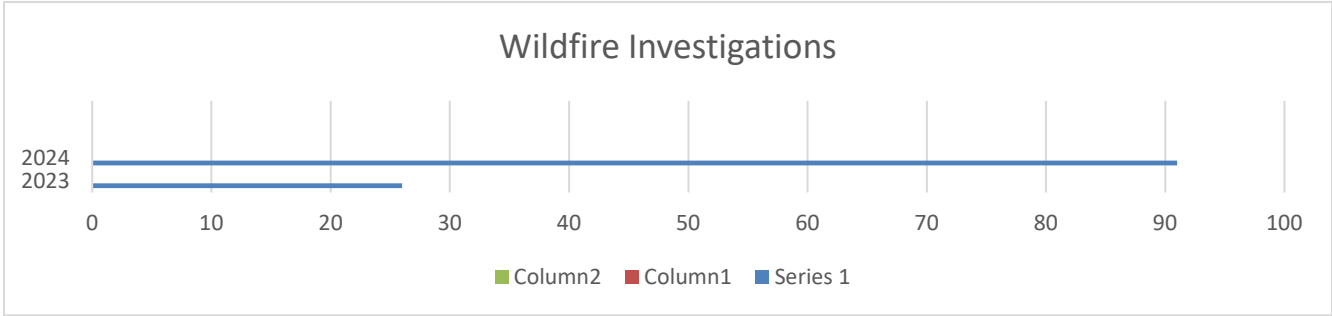
Fire Prevention Week – October 8-14, 2023

This year’s theme “Cooking Safety starts with you” was an opportunity to educate our public on one of our biggest risks we face every day on Kaua’i. As one of the leading causes of injuries and fires on Kaua’i, we were able to share our messages through our County of Kaua’i Public Information Officers, media, and presentations. During this month we distributed approximately 5,000 copies of our Fire Fighter Safety and Health guides for students K-5 island wide. The guide features a multi- page booklet with fire prevention messages and problem-solving activities. KFD delivers these guides to all schools with KFD school supplies. These guides were ordered and delivered in the Fall in the anticipation of Fall Prevention week. This year, through our partnership with Maui Fire Department, we were able to provide a Hawaiian language version to schools. This was well received for schools who instruct and speak the Hawaiian language as part of their curriculum.

Wildfire

Wildfire Complaint Investigations

The West Maui fires of 2023 dramatically changed the way people view wildland fire risks all over the world and here on Kaua’i. During the same month as the Lahaina fire, KFD Fire Prevention Bureau received a record high of 43 cases of reported hazardous wildland conditions for the month. To put in perspective, the total amount of cases for the entire prior year was 26.



Wildland Stakeholder Collaboration Meeting

In December 2023 and May 2024, we brought back our wildland mitigation meeting. The goals of this meeting were to encourage an “all hands-on deck approach” to mitigate wildland hazards on Kaua’i.

Organizations included.

- KEMA
- Hawai’i Wildland Management Organization
- NOAA
- Grove Farm
- Team Rubicon

- County of Kauaʻi Mayors Admin/ Planning/Public works/DOW/County Council
- Gay & Robinson
- McBryde Properties
- Kauaʻi Coffee
- KIUC
- Department of Hawaiian Homelands
- ADC
- Kukuiʻula
- Hartung
- USDA

Topics Discussed

- KFD Updates
- Weather Outlook for the upcoming wildfire season
- Grant Opportunities and wildfire program ideas and solutions
- Upcoming developments

Updating our Kauaʻi Fire Code Amendments

We have prepared our fire code amendments this year in anticipation state adoption of the 2021 NFPA state adoption. This process was delayed at the state level for several months. Taking into consideration the challenges and opportunities of the past year we look to modify areas such as defining vegetation hazards as well as fire flow on agricultural zoned lands. We aim to have implementation of our 2021 Kauaʻi Code Amendments in practice by the end of 2024.

2023 Firecracker Permits

This year we were able to distribute 488 permits to customers. Our focus this year was to combine fireworks safety in conjunction with the process. Another focus was to eliminate, as much as possible, the County of Kauaʻi Department of Motor Vehicles from the process as we did not want to add customers for firecrackers to the already high demand for service at the DMV. We were able to minimize their involvement.

KFD Social Media

Our KFD social media program continues to flourish under FPB FF3 Minei. He continues to develop his skills through training and updating software to consistently engage our community with updates and information sharing. FPB relies heavily on our social media accounts to help communicate our core functions such as fire safety, events, as well as any up-to-date public announcements. Under the guidance of both County and Fire administrations, we can deliver a unified, consistent message to our community through this program.

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 Kaua'i Fire Department, Ocean Safety Bureau (OSB) has the responsibility to provide ocean safety awareness, safeguarding beach patrons, responding to emergencies, and providing medical aid. A professional lifeguard service protects Kaua'i'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 Kaua'i Lifeguard Association, Hawaiian Lifeguard Association, The Kaua'i 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 67 full-time positions, and six part-time positions, in the Ocean Safety Bureau; five of the full-time positions and one part-time position are State funded for Kē'ē Beach. OSB has a three-district operation, District #1 = North district, District #2 = East district, and District #3 = South/West district, with one lieutenant supervisor, and one Captain in each district. A prevention/training Ocean Safety Officer (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 Administrative Assistant I assist with all office duties, with an overall bureau operations supervisor overseeing all operational tasks.

There are a total of twelve (12) Lifeguard Towers in full-time operation, and a rove team at Wanini Beach. North District: Hanalei (Pavilion), Hanalei (Pine trees), Hā'ena Beach Park, Kē'ē Beach, and Wanini Rove; East District: Anahola, Keālia, and Lydgate Beach; South/West District: Po'ipū , Nukumoi, 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 unit. With the Fire Departments rescue boats, the Island of Kaua'i is well covered by ocean going vessels. All-terrain vehicles (ATV) are also used in the OSB's operation at Keālia, Hā'ena, Kē'ē, Lydgate, Anahola, and Kekaha Beach, which are utilized in a professional and successful manner. Three new utility vehicles (Mules) are also stationed at various 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 Kauaʻi 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 increase the chain of survival by upgrading to the state-of-the-art equipment.
- To integrate smoothly with current emergency response units.

ACTIVITIES

OSB has hired 12 NEW Full-time Ocean safety officers into the operations and has moved to the 4/10-hour day schedules allowing for longer coverage across our island. The hour of operation is from 8 am to 6 pm daily and has been in effect since May 1, 2024.

OSB is back into full force training with the Keiki & Junior lifeguard program scheduling six weeklong sessions at Salt Pond, Hanalei, and Kalapakī beaches. OSB is pleased to have serviced and trained over 600 of Kauaʻi 's youth ranging from 8 -17 years of age. Without a doubt, the best youth program in the County system.

The Ocean Safety Bureau participated in the 2nd annual Touch a Truck event at the Vidinha Stadium sponsored by the Kauaʻi Police Department.

A Train the Trainer Rescue Watercraft Training course was held at the Kaneohe Marine Base on Oahu with partnerships of all counties and by the Hawaiian Lifeguard Association. Representatives from each county, Military organizations, private, and the Okinawa Lifesaving Association participated in a one-week training course.

The State Junior Lifeguard Championships were held at Hapuna Beach on the Big Island of Hawaiʻi. Kauaʻi came in a strong 3rd place behind Oahu and Big Island.

The State Drowning Prevention Conference was held at the Hapuna Resort on the Big Island. A sold-out event of all different agencies attended with great water safety information.

A Hawaiʻi Water Safety Coalition group was formed to assist with Hawaiʻi 's drowning and aquatic injuries preventative strategies.

OSB Chief K. Vierra traveled to Okinawa, Japan to assist with the Okinawa Lifesaving Association & The Japan Water Patrol on drowning prevention strategies. Chief Vierra also gave a presentation at the Okinawa drowning prevention summit, showcasing the operational efforts in Hawaiʻi lifeguard services.

The OSB has been involved with numerous ocean safety presentations to community

groups like Anahola School, Charity Walk, Kanuikapono School, and the Live Like Sion Youth Group. Also, participation at events including the Hanalei Swim, Kaua'i Hoe Waa Canoe Race, and the annual Kamalii Fishing Youth Challenge allowed us to share valuable ocean safety information about Kaua'i's beaches, pools, and rivers.

Due to the increase of the visitor attendance, Nukumoi Tower on the South Shore continues to be the busiest for rescues, beach attendance, and first aid treatments than all the other towers.

OSB continues to cover the Wanini Beach area on the North Shore as a roving lifeguard operation. Preventative actions, rescues, and beach attendance have been on the rise due to the limited parking permitting at the Hā'ena area. The Ocean Safety Bureau has purchased a fiberglass permanent lifeguard tower for Wanini Beach due to the high beach daily attendance and ocean activities all year round. A few CPR saves have been accomplished due to being present at this highly populated beach.

The Queens Bath trail in Princeville has been an ongoing issue due to high traffic during hazardous ocean conditions. OSB continues to monitor ocean forecast and partner with the Princeville Security on opening and closing of the Queens Bath gate. The gate will be closed during winter months from October through March due to safety concerns. A Safety Information Kiosk has been installed at the trail head for educational purposes of the area, with the support from the Kaua'i Lifeguard Association & the Hawaiian Lifeguard Association.

Mandatory training has been ongoing to warrant the highest level of professionalism. 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 OSB is continuing with the electronic data collection program with Watchtower. Each tower and roving patrol unit is equipped with an iPad to input daily ocean conditions, beach attendance, first aids, and medical reports three/four times a day or as needed. These statistics are also available at real time on the "Safe Beach Day" website <https://safebeachday.com/county/Kaua'i/> for the public to view. This data collection system has been implemented called "WatchTower" <https://www.yourwatchtower.com/> joining other lifeguard agencies across the nation.

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 enhanced ocean safety services, by reducing response times, extended 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.

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 OSB continues to partner and collaborate with nonprofit organizations like the Kaua'i Lifeguard Association, The Hawaiian Lifeguard Association, the Kaua'i Visitors Bureau, and Hōi'ke Television. A newly updated Ocean Safety video is up and playing at the two baggage claim areas at the Lihue airports.

There were six deaths related to drowning from swimming pools, snorkeling, fresh water, or scuba diving accidents. Most of the drownings occurred at unguarded beaches. With 561 rescues/assist, we had the potential for a much higher count. Also note, the rescue count does not include the Fire Department rescues, local surfer rescues, or other public assisted rescues.

ACTIVITY SUMMARY

Due to the COVID-19 Pandemic travel restrictions being lifted, for the fiscal year ending June 30, 2022, the OSB statistics have risen almost back to pre-pandemic levels.

Tower Activity – Summary

Drownings	6
Rescues/Assist	392
Public Contact	263,434
Preventative Action	176,553
Minor First Aid	8,843

Roving Mobile Units - Summary

Jet Ski Rescues/Assist	169
Public Contact	170,248
Preventative Actions	79,127
Minor First Aid	3,087

Total beach participants on Guarded Beaches and Mobile Patrol: *2,112,522

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

IV. BUDGET

**KAUA'I FIRE DEPARTMENT
APPROPRIATION BALANCE
FY 2023-2024
As of June 30, 2024**

Includes payroll dates 06/30/2023 & 07/14/2023

Percent of FY Expended 100.00%
Percent of FY Remaining 0.00%

ACCOUNT	Original Budget	Revised Budget	Total Expenses To Date	Bal of Approp Incl Encumbr
ADMINISTRATION TOTALS	\$ 2,794,600.00	\$ 2,829,464.00	\$ 2,725,698.84	\$ 103,765.16
OPERATIONS TOTALS	\$ 28,395,568.00	\$ 29,532,684.00	\$ 27,459,507.62	\$ 2,073,176.38
PREVENTION TOTALS	\$ 1,136,814.00	\$ 1,137,034.00	\$ 784,038.36	\$ 352,995.64
TRAINING BUREAU TOTALS	\$ 1,449,837.00	\$ 1,396,241.00	\$ 1,069,094.98	\$ 327,146.02
OCEAN SAFETY TOTALS	\$ 7,252,144.00	\$ 7,106,859.00	\$ 6,551,078.63	\$ 555,780.37
	\$ 41,028,963.00	\$ 42,002,282.00	\$ 38,589,418.43	\$ 3,412,863.57

AUTHORIZED PERSONNEL
June 30, 2024

ADMINISTRATION

Fire Chief	1
Deputy Fire Chief	1
Fire Assistant Chief	1
*Administrative Services Officer	1
*Accountant III	1
*Private Secretary	1
*Secretary	1
*Accountant I	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 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	4
<u>OCEAN SAFETY BUREAU</u>	
Ocean Safety Officer V	1
Ocean Safety Officer IV	4
Ocean Safety Officer III	4
Ocean Safety Officer II	42
Ocean Safety Officer I	8
*Administrative Assistant I	1
SUB-TOTALS	
Uniformed Personnel – Fire	145
Uniformed Personnel – Ocean Safety	72
*Civilian Personnel	<u>8</u>
GRAND TOTAL	<u><u>225</u></u>