

Getting Prepared, Staying Prepared!

**AIARC Monthly Meeting
August 28, 2023
Brian, K7RUT**

MAUI Fire Aug 8, 2023

Statistics as of Aug 25, 2023:

Deaths: 115, Missing: 388

More than 2500 Structures Destroyed

The fire that ripped through Lahaina spread 1 mile every minute



Maui Fire Time line Aug 8th:

6:37 am: Maui County authorities got the first reports of a brush fire by 6:37 a.m

9:55 a.m.: Maui County sent out an alert that the brush fire was “100% contained.”

2:30 p.m.: The blaze kicked up again farther down the hillside. Wind dragged the flames toward Lahaina.

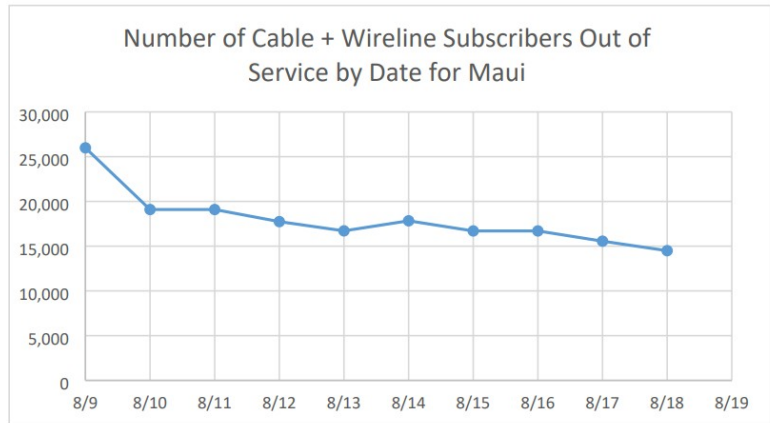
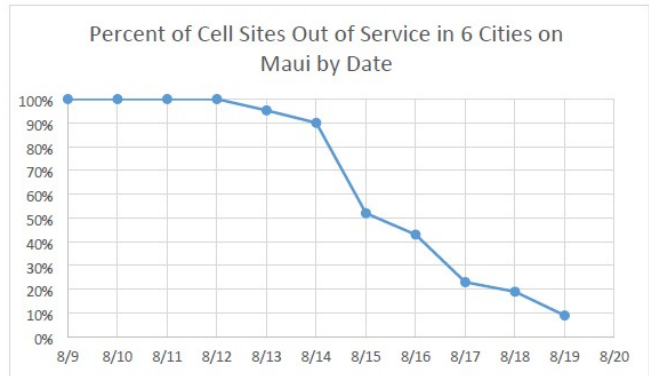
3:50 p.m. Kulalani upcountry is evacuated on county alerts and by the first statewide Emergency Alert System broadcast at 4:04 p.m. 4:16 p.m. announced an evacuation of Lahaina’s Kelaweia area — right near where the first sparks flew.

5:38 p.m., witness video shows Lahaina ablaze near Paunau and at 5:54 p.m. near Front Street.

Just before dusk: Lahaina’s Front Street is engulfed. People in desperation flee into the ocean, with roads blocked by poles and wires toppled throughout the day, penning many in the impact zone.

10:30 pm: Infrared Satellite Image, Lahaina.





Maui ARES: <https://hawaiiares.net/>

See Maui ARES ICS-205 for the fire event

Maui Fire Communications Infrastructure Summary

Aug 19th Status as reported by the FCC:

The Maui PD PSAP is fully functional. Some 911 calls are not being completed because the Lahaina switch is isolated and some cell sites in the affected area are down.

Mobile Assets Deployed: A number of wireless companies have deployed mobile assets (COWs) to Maui to support wireless services while fixed cell sites are being restored.

- On Aug. 11, Wireless Telecommunications Bureau granted AT&T request to use 6 GHz and 11 GHz frequencies at 5 sites for microwave backhaul communications.
- On Aug. 12, Wireless Telecommunications Bureau granted T-Mobile request to use 6 GHz and 11 GHz frequencies at 4 sites for microwave backhaul communications.
- On Aug. 15, Wireless Telecommunications Bureau granted AT&T's request to use 6 GHz and 11 GHz frequencies at 6 sites for microwave backhaul communications.

Summary: After approximately 10 days in the Lahaina area:

- Some 911 calls are not being completed.
- 15,000 cable and landline customers without services
- Extensive fiber optic damage, AT&T, T-Mobile, using Microwave links and Cell on Wheels for backup connectivity for Cell customers
- 2 Cell locations still of no service
- Operational Cell coverage spotty, bandwidth limitations

Key Take Aways From Maui Fire Tragedy

- **Fire was very fast moving. Have an Action Plan for your family ready.**
- **Prepare a Go Kit to grab, Level 2 Personal Readiness (See ARFOG)**
- **Develop your personal training plan: CERT, CPR, Disaster First Aid, ARES Task Book**
- **Emcomm: Maintain your home QTH and mobile operational preparedness. Target backup power for 7 days or more. Keep Hts charged with an extra battery.**
- **Participate in practice drill opportunities. ARES nets, drills and future island drills. West Pierce County Fire and Rescue Station Central Team Training location (Contact Garrett, KB7IOG for more details)**
- **Continue to develop Anderson Island Emcomm Deployment Plan.**

Emcomm Personal Preparation Check List

- ✓ **Prepare in a Year and 2 weeks ready for personal and family preparedness. There is a link at the bottom of the club website (wa7ai.org or andersonislandham.org). Create an Action Plan Checklist for your household.**
- ✓ **Periodic Change Out Water Supply (1 gallon/person/day) (Fall, Spring time change)**
- ✓ **Check personel Go Kit for deployment. Replace any parishable food item use by dates. See ARFOG (Amateur Radio Field Operating Guide) ARES Website under “Member Training”**
- ✓ **HT and Home Backup Power (5th Saturday of the month (ARES dril), 1st Tuesday) Check HT + Spare Battery, Top off Batteries, Start up Generator. Generator OIL Change every year (1st week of June, depends on usage)**
- ✓ **Home Antenna/Coax Checks, SWR, compare to baseline SWR plot.**
- ✓ **What motivates you to get on the air and hone your skills?**
- ✓ **Staion Operational Preparedness(K7RUT example):**
 - **Monthly Emcomm Log**
 - **Station Log**
 - **POTA Hunting Log (HF)**
 - **SKCC Monthly Sprint (CW, 2nd week)**

- Know your ITU Phonetics
- Practice Use of ProWords
- Practice the ABCs of Radio Communication: Accuracy, Brevity, Clarity
- Spot Reports(Situation, Position, Observations, Threatened)
- Earthquake Mike-Mike report
- ARES, Winlink: ICS-213, ICS-213RR, Activation,

Use of Prowords examples:

RADO: “AI EOC, this is K7RUT, Prepare to copy address, Over”

AI EOC: “Go Ahead”

RADO: Figures: Eight Niner One Tree Silver Drive, I spell: Sierra India Lima Victor Echo Romeo Drive, Over

AI EOC: Good Copy: I have your address location as 8913 Silver Dr, Confirm?

RADO: Roger, Good Copy

RADO: AI EOC, this is K7RUT

AI EOC: K7RUT, AI EOC

RADO: I have one routine traffic for the EOC, Over

AI EOC: Go Ahead

RADO: There are 15, Figures, “one, fife” available beds at the Elementary School, Over

AI EOC: Copy, 15 available beds at the elementary school, Confirm?

RADO: Roger, Good Copy

Spot Report example:

RADO: AI EOC, this is K7RUT

AI EOC: AI EOC

RADO: Prepare to copy priority SPOT report

AI EOC: GO Ahead

RADO:

Theres a structural collapse at a home on Cole Pt Rd(Situation)

Location is 22021 Cole Pt Rd, Just West of Ray's Park(Position)

Roof and North side wall collapsed, driveway blocked from a fallen tree(Observation)

3 individuals impacted, one minor injury (Threatened)

Over

AI EOC: Copy, 22021 Cole Pt Rd, Structure collapsed, one minor injury, Confirm?

RADO: Good Copy, K7RUT Clear

AI EOC: Roger, AI EOC