

2025 Assembly of Planners Symposium



Plenary 3: Addressing the Root Causes of Wildland Arson

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Guam Forestry & Soil Resources Division

OUR MISSION...

Promote, protect and enhance our natural
environment and sustain its resources



LET’S TALK ABOUT THE NUMBERS

Guam Department of Agriculture, Forestry and Soil Resources Division								
Final 2015 - 2024 Guam Wildfire Mapped Data								
Year	Fire Class Sizes (number of fires per class size)					No. of Fires	Acres Burned	% Land Area Burned
	0.25 acres or less	0.26-9 acres	10-99 acres	100-299 acres	300-999 acres			135,680
2015*						329	4428	3.26%
2016	98	521	120	6	4	749	8,338.17	6.15%
2017	59	312	81	4	1	457	4,017.11	2.96%
2018	33	309	114	8	3	467	6,250.51	4.61%
2019	15	241	119	15	6	396	9,421.00	6.94%
2020	13	131	97	7	2	250	6,448.38	4.75%
2021	3	100	66	8	0	177	3,623.74	2.67%
2022	7	101	74	8	3	193	4,744.62	3.50%
2023	1	29	22	2	0	54	1,434.34	1.06%
2024	10	155	82	12	8	267	8,440.16	6.22%
TOTALS	239	1899	775	70	27	3,339.00	57,146.04	42.12%
AVERAGES	26.55555556	211	86.11111111	7.777777778	3	333.90	5,714.60	4.36%

total acreage = 135,680

543,933,775.894 square meters, (134408.96319 acres)

Data provided by: Mr. Julian Dendy, formerly - GIS Research Consultant, Institute of Pacific Islands Forestry (IPIF), USDA Forest Service. Data collected and prepared for the Guam Department of Agriculture, Forestry and Soil Resources Division (2015-2022) and Allyson Earl, Wildfire Mapping Technician, Hawaii Wildfire Management Organization (HWMO) (2022-Present).

*NOAA Fire Mapping Results;

Wildfire prevention and suppression

- Installation and maintenance of firebreaks and fuels reduction efforts within management areas and areas of high risk.
- Continue to conduct fire suppression activities, wildland fire investigations, wildland fire trainings, and build upon coordination efforts with fire partners to include but not limited to the Guam Fire Department, Joint Region Marianas Fire and Emergency Services: inclusive of Naval Base Guam, Marine Corps Base Camp Blaz and Andersen Air Force Base, village mayors and stakeholders.
- Develop Community Wildfire Protection Plans (“CWPPs”) for management areas and neighboring communities to identify and prioritize areas for hazardous fuel reduction treatments and recommendations to break the fire cycle.

