

Ignition Management Plan

Battalion 19

Description of the Battalion

The Marysville battalion includes the Schedule A Contract for the City of Marysville and surrounding SRA lands. The area is commonly referred to as the Yuba-Sutter Area after the two counties. The City of Marysville is 40 miles north of Sacramento and located in the Sacramento Valley where the topography is generally flat. The city has a total area of 3.6 square miles and a population of approximately 12,072 people. The city is bordered on the south and east by the Yuba River and the west by the Feather River. The two rivers converge just southwest of the city and pose a serious flooding hazard during years of heavy precipitation and affiliated runoff. Fuels are dominated by grasses but dense brush is common along river bottoms and in non-agricultural areas. Agricultural crops comprise a significant portion of the battalion. Varying crop stages are often determinant of fire risk within the area. This battalion currently has CAL FIRE administrative battalion for Sutter County. It should be noted that the Marysville Fire Department utilizes Firehouse software for tracking of fire reports and all other activities.

All burn permits for Marysville are issued directly from the air district; mostly ag/non-residential permits.

Cooperators within this battalion include Sutter County Fire, Yuba City Fire, Linda Fire

Discussion of fire occurrence within Battalion

Arson and undetermined fires are considered equally and account for 39% of the fires in the Battalion. These fires are intentionally set fire or fires which the ignition could not be determined due to various factors. These fires are the most difficult to reduce due to their nefarious nature and difficulty in assessing. This community has a significant transient river population. CAL FIRE has been working closely with law enforcement to mitigate. The community also has a large number of abandoned alleys and buildings that tend to attract warming type fires.

For the year 2010, the most significant cause within the battalion was vehicle fires (20%).

Outside the city boundaries, equipment and debris escapes are the most significant causes. Equipment use was a significant cause of fire within the battalion during the 2010 season at 18%. Construction and land management activities often require the use of equipment. This equipment use takes place in the wildland areas where vegetative fuels are available and susceptible to burning.

The statistics show that escaped debris burns are also a significant cause (16%) of wildfire in the battalion. The battalion plans to work with the air district to increase education with permit issuance.



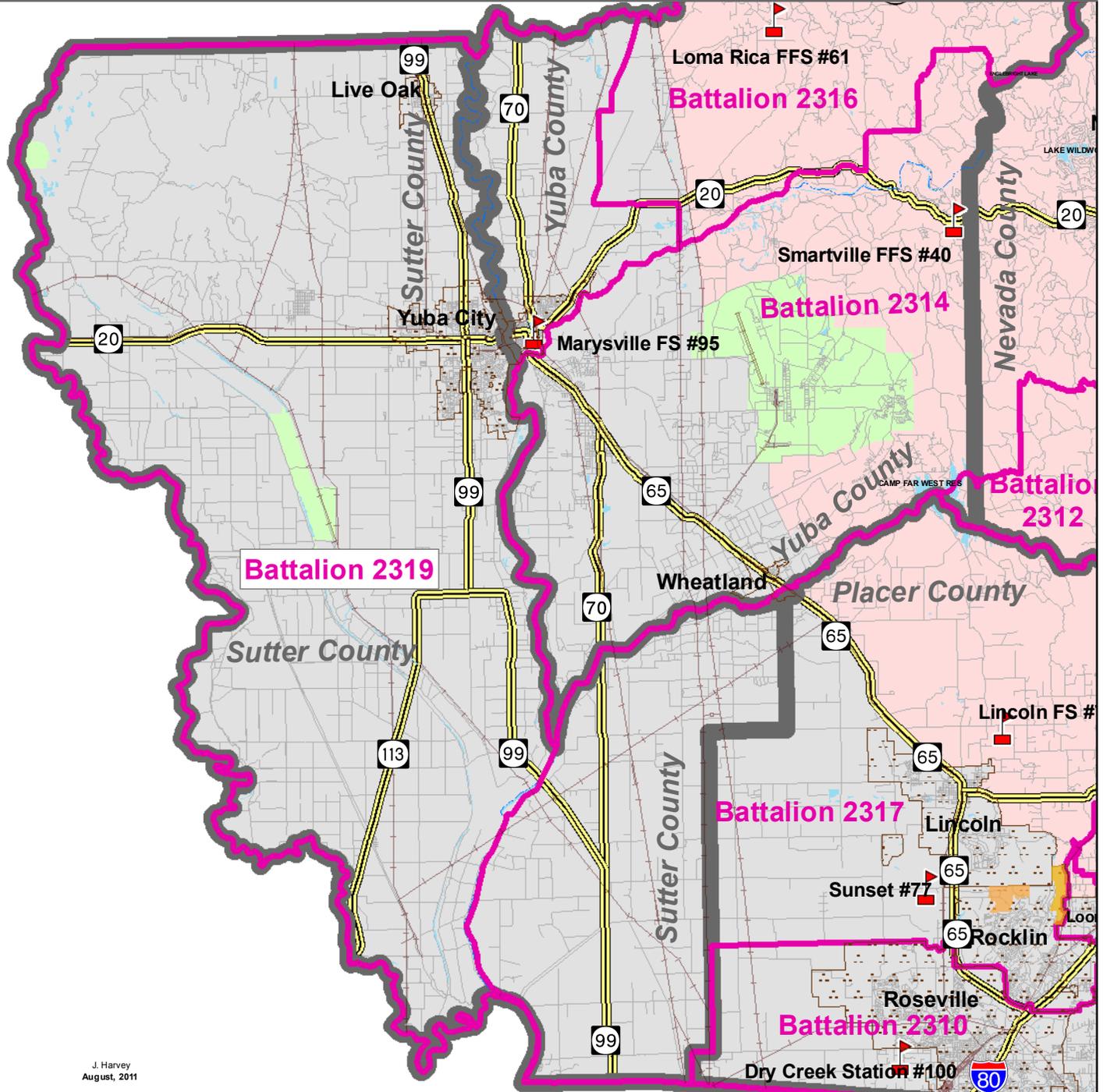
NEVADA - YUBA - PLACER UNIT (NEU) Battalion 19- Administrative Boundaries

Legend

- Battalion
- Incorporated Cities
- Lookouts
- Fire Station
- AAB
- ECC
- Camp
- COM
- County
- Highways
- County Roads
- Rivers
- Railroad
- USFS District Boundaries

DPA PROVIDER

- CAL FIRE
- Federal
- Local Government
- Local Wildland Contract



1 in = 6 miles

0 3 6 12 Miles



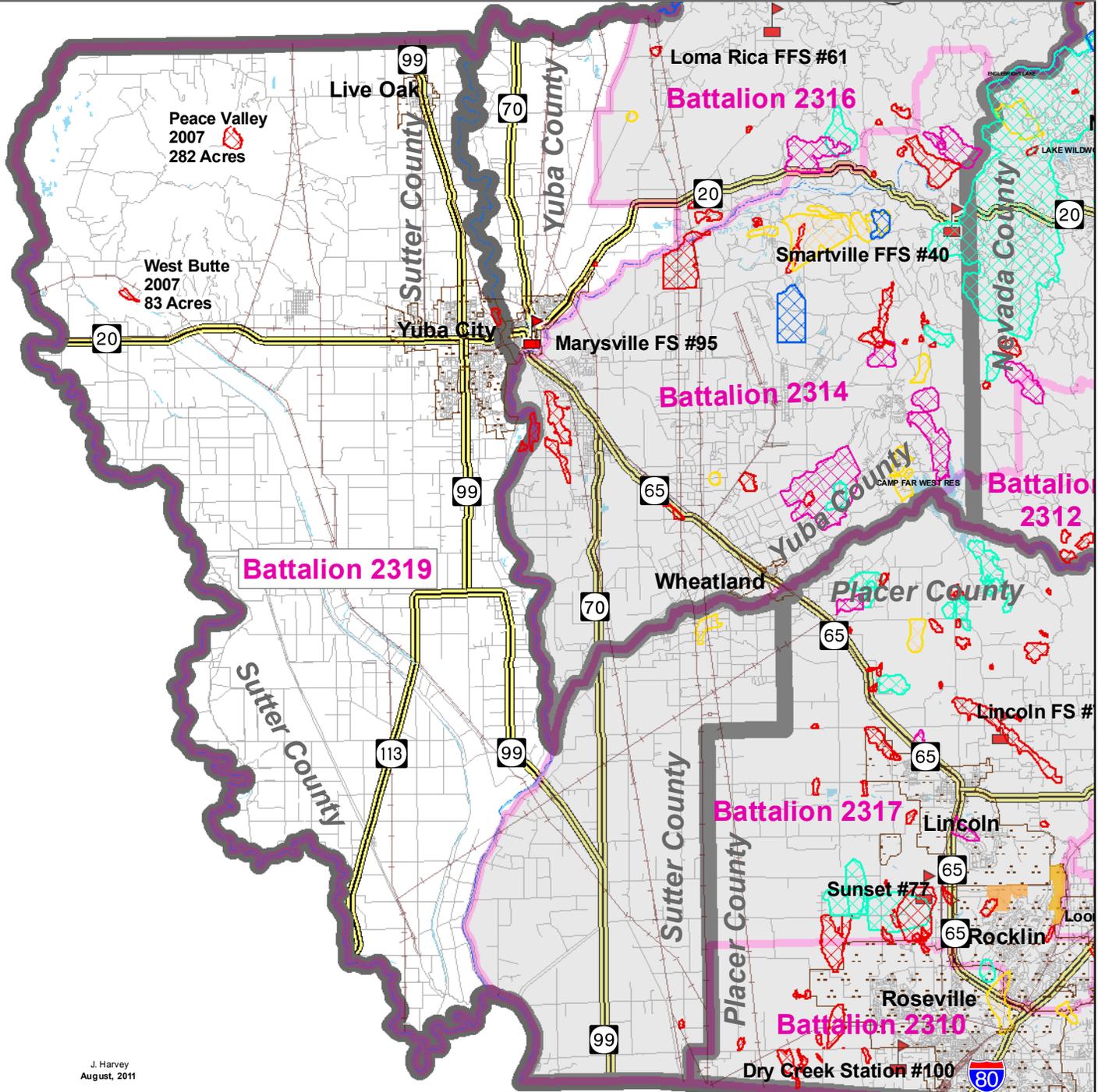
NEVADA - YUBA - PLACER UNIT (NEU) Battalion 19- Fire History

Legend

- Battalion
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Fire History

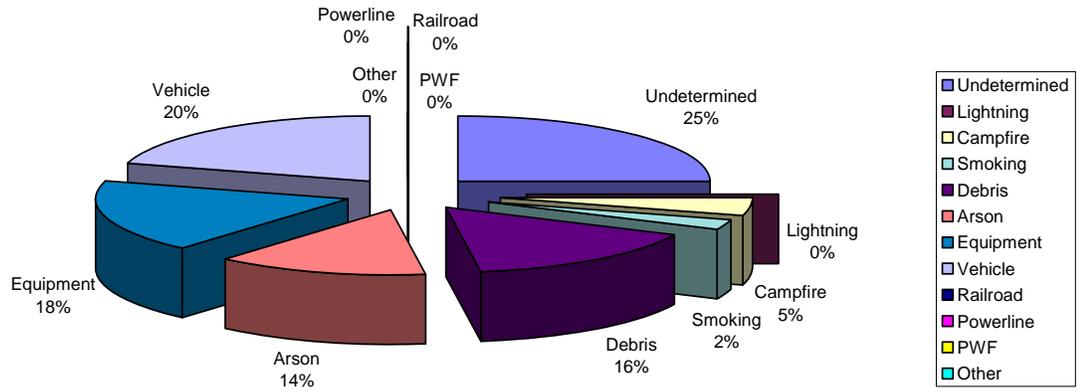
- 1960 - 1969
- 1970 - 1979
- 1980 - 1989
- 1990 - 1999
- 2000 - 2010



1 in = 6 miles

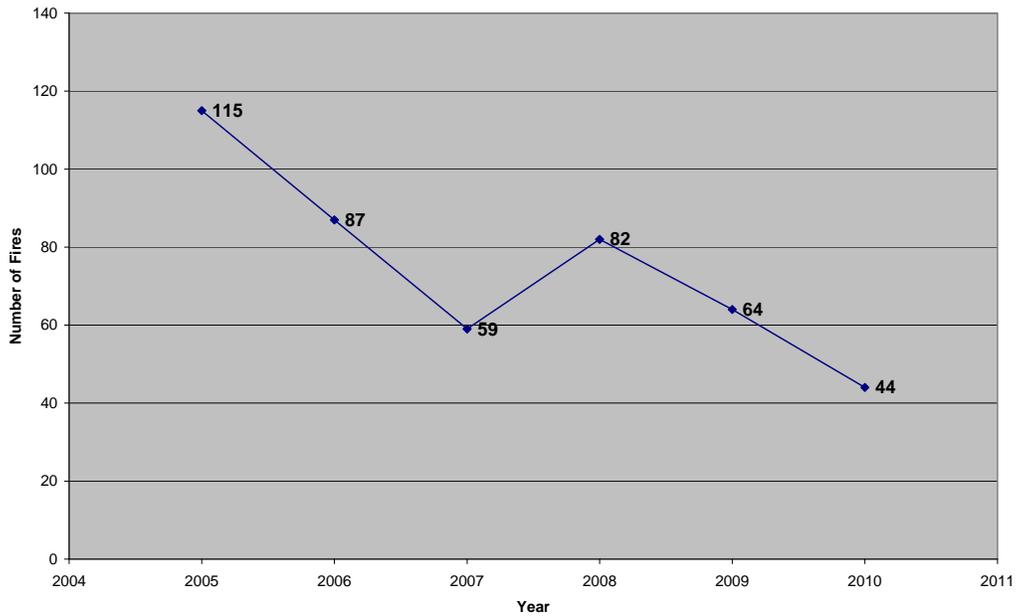
0 3 6 12 Miles

2010 Battalion 19 Fire Causes



Undetermined	Lightning	Campfire	Smoking	Debris	Arson	Equipment	Vehicle	Railroad	Powerline	PWF	Other
11	0	2	1	7	6	8	9	0	0	0	0

Battalion 19 Ignitions (2005-2010)



Mitigation Strategies

Battalion 19 will work to reduce fire ignitions and reduce damage by participating in public education programs, business inspections, and the plan review process. The components to meet these goals are as follows:

Commercial Business Inspections

- Inspect local businesses (high risk hazard inspection, sprinkler inspections)

Fire Preplans

- Update fire preplans for all businesses.
- Currently over 800 buildings within city limits with no preplan.
- Work to document resident knowledge of buildings and infrastructure.

Plan Review

- Conduct fire plan review on building projects within the city and district.

Prevention

- Continue working with law enforcement to mitigate homeless caused ignitions.

Vegetation Management

- Complete weed abatement inspections in Marysville City limits.
- Vegetation management along river bottom.
- Work with MPD on annual cleanup day.

Public Education

- Participate in public education programs within the City and Yuba-Sutter Area.
- Marysville Joint Unified School District – Provide public education along with participation in

School organized functions i.e., Read-a-Thon, Athletic events, lunch visits, Fire Station tours, Fire department class visits, School Safe program planning. Senior Safety-Provide fire safety training and public education to local senior care facilities.

- City sponsored Activities- Christmas Parade, Bok Kai Festival, Fourth of July Parade, Gold Days, Peach Festival, Hot Rod Jamboree, Marysville Rodeo, and the Yuba-Sutter Fair.
- Participate in Fire Prevention week with Fire Station Open House
- Participation at Marysville Motocross, providing prevention and EMS standby duties.

Training

- Cause investigation training.
- Inter-company training with Yuba City Fire
- Coordinated hazmat exercises with cooperators.

High Priority Target Areas

River bottoms, the Hollywood area and Thorntree Fish and Game property, open spaces surrounding the city, abandoned structures.

Table 10 – Battalion 19 Fuel Modification Projects, Community Outreach and Education Programs

Project Name	Status	Estimated Completion Year	Project Type	Net Acres
Public Education	A	O	Education/Outreach	
Fire Prevention Week	A	O	Education/Outreach	

Status Guide: A = Active, P = Planning, C = Completed, O = Ongoing, M = Maintenance.

2011 Action Plan:

The Marysville Battalion continues to interact with its community emphasizing fire safety. Marysville maintains a good cooperative relationship among its neighbors and collectively provides a strong fire safety message that benefits all. This message helps protect its citizens and the surrounding areas. Battalion staff will continue to educate the public on fire prevention and fire safety. Additionally, staff will work to identify fuel reduction opportunities for densely vegetated areas within and surrounding the city.

APPENDIX A: HIGH PRIORITY PRE FIRE PROJECTS

NEU Chipper Programs

PRIORITY: 1

Description: All of the field projects identified in the NEU Fire Plan identify the need for a chipper. In NEU, the chipper programs provide support to homeowners that do the clearing around their structures as required by the Public Resources Code (PRC 4291). The Chippers are also utilized to reduce the material removed from fuel reduction projects throughout the Unit.

Chipping programs, operating in a similar fashion have been in existence in Nevada, Placer and Yuba counties for several years. Coordinators oversee the chipping programs and manage the day-to-day operations. These programs are a result of cooperator collaboration and many funding sources working together to accomplish fuels reduction work where it is most beneficial and manageable. This project directly affects defensible space and will have the most effect in reducing structure damage or loss in wildfires.

Status: Continuous program

Cooperators: Placer County, Placer County Resource Conservation District, Placer Fire Alliance, North Tahoe Fire, Truckee Fire, Nevada County Fire Safe Council and Yuba County Fire Safe Council.

Cost: \$500,000 annually (financial models differ between counties)

NEU Fire Prevention and Resource Management Projects

PRIORITY: 1

Description: Throughout the Unit NEU staff will continue to develop and support projects designed to educate the public, enforce forest and fire laws, reduce fuels, improve vegetation health and protect high risk communities. These projects will be accomplished through the existing NEU fire prevention and resource management programs and through collaboration with our cooperators. NEU has among the most progressive resource management program in the state, continuing to integrate those programs with fire prevention and law enforcement will improve public service and strengthen program consistencies.

Status: Continuous

Cooperators: Placer, Nevada, Yuba, Sierra and Sutter Counties

Cost: \$300,000

NEU Pre Fire Planning

PRIORITY: 2

Description: This project will focus on new and existing pre fire projects in the Unit and provide pre fire planning tools to identify, define and develop those projects. Project analysis and inventory will be incorporated into GIS for tracking and data management. Ultimately, data will become more readily available for use at the battalion and field levels and by our cooperators. Information will be included and updates annually in the Unit Fire plan.

Status: Partially Complete

Cooperators: Placer, Nevada, Yuba, Sierra and Sutter Counties

Cost: \$150,000

NEU Defensible Space Inspector Program

PRIORITY: 2

Description: Throughout the Unit, grant funded inspectors will conduct residential defensible space inspections for compliance with PRC 4291. The program consists of two inspectors per county, vehicle and materials designed to educate the public on defensible space requirements. Information is also provided on reducing equipment use fires and debris fire ignitions.

Status: Continuous program

Cooperators: Placer County, Nevada County and Yuba County Fire Safe Council

Cost: \$200,000 annually