

Napa County Wildfire Fuel Mapper Parcel Report

APN	027-010-033-000
Current Address	
Acres	57.71
Structure Count	0

Report Contents

This report contains fire hazard related information for the parcel, including maps of the parcel's streams, physical geography, and modeled flame length. Each map provides insight into landscape characteristics that can help assess fuel and fire hazards and can be used to aid in planning fuel treatments and natural resource management. This report is provided for informational purposes only and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. This report is not intended to replace a formal physical inspection of the parcel, its structures, and surrounds.

Defensible Space Zones and Vegetation



LEGEND	 Parcel of Interest	 Defensible Space
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"Defensible space" is the area around a structure within a minimum of 100-foot radius or to the property line, whichever is less, in which combustible vegetation and other prohibited materials must be treated, cleared, or reduced to slow the spread of fire to and from the structure. Distances can be increased depending on fuel load, fuel type and topography.

- There are 3 types of defensible space that are summarized in this report:
1. Defensible space on the parcel of interest associated with structures within the parcel (**Category 1**)
 2. Defensible space on the parcel of interest associated with structures on adjacent parcels (**Category 2**)
 3. Defensible space on adjacent parcels associated with structures within the parcel of interest (**Category 3**)

Property owners are responsible for the first two categories. For example, if a neighboring parcel has structures with a 100-foot buffer that radiates into your property, you are responsible for clearing that defensible space as well as the defensible space around structures within your property. If you have structures on your property whose 100-foot buffer extends into adjacent parcels, your neighbors are responsible for clearing that defensible space on their parcel.

Structures and their buffers are from data created using AI by Microsoft and represent 2019-2020 ground conditions. The Microsoft data includes both false positives and false negatives: buildings that exist on the ground are occasionally omitted from the dataset and buildings may exist in the dataset that don't exist on the ground. Some structures may have been affected by recent wildfires and/or construction.

Acres of Category 1 Defensible Space	Acres of Category 2 Defensible Space	Acres of Category 3 Defensible Space
0.0 acres	0.0 acres	0.0 acres
Total acres of Defensible Space within 027-010-033-000 (Category 1+2): 0.0 acres		

Defensible Space Within Parcel by 2018 lidar Height Above Ground		
Acres by Height Above Ground	% Total Defensible Space	Example Treatment Recommendation (see resources)
0.0 acres of vegetation >15 ft	0.0% of defensible space	Trees are generally greater than 15 feet in height. Single conifers should be well spaced 10 feet apart and limbed up to create 6 feet of vertical clearance from the ground.
0.0 acres of vegetation 1-15 ft	0.0% of defensible space	Shrubs are generally 1-15 feet in height. This stratum also includes tall grasses and short trees. Shrubs and other plants should be a minimum of 4 feet below the bottom of the tree canopy.
0.0 acres <1 ft	0.0% of defensible space	Grass is generally below 1 foot in height. This stratum also includes short shrubs and unvegetated areas. Cut and maintain all annual grasses to 4 inches or less in height.

Napa County Code chapter 8.36 and the Napa County Defensible Space Guidelines set forth defensible space requirements for properties in the unincorporated areas of Napa County and Town of Yountville. The defensible space requirements apply to structures, infrastructure and undeveloped lots and declare that parcels that do not meet the requirements constitute a public nuisance and are subject to penalties.

Contact Information

Questions or comments? Please contact Napa County Fire Marshal's Office Defensible Space Program (707)-299-1464, firemarshal@countyofnapa.org (<https://www.countyofnapa.org/3134/Defensible-Space-Chipper-Program>)

Disclaimer

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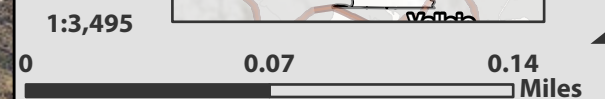
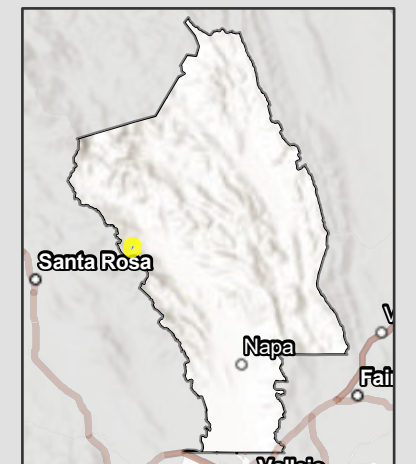
2021 Imagery and Place Names

APN: 027-010-033-000

- 30-foot Building Buffer (2019-2020 Ground Conditions)
- 100-foot Building Buffer Outlines (2019-2020 Ground Conditions)
- Building Footprint (2019-2020 Ground Conditions)
- APN: 027-010-033-000
- Other Parcels
- Napa County Boundary

About This Map

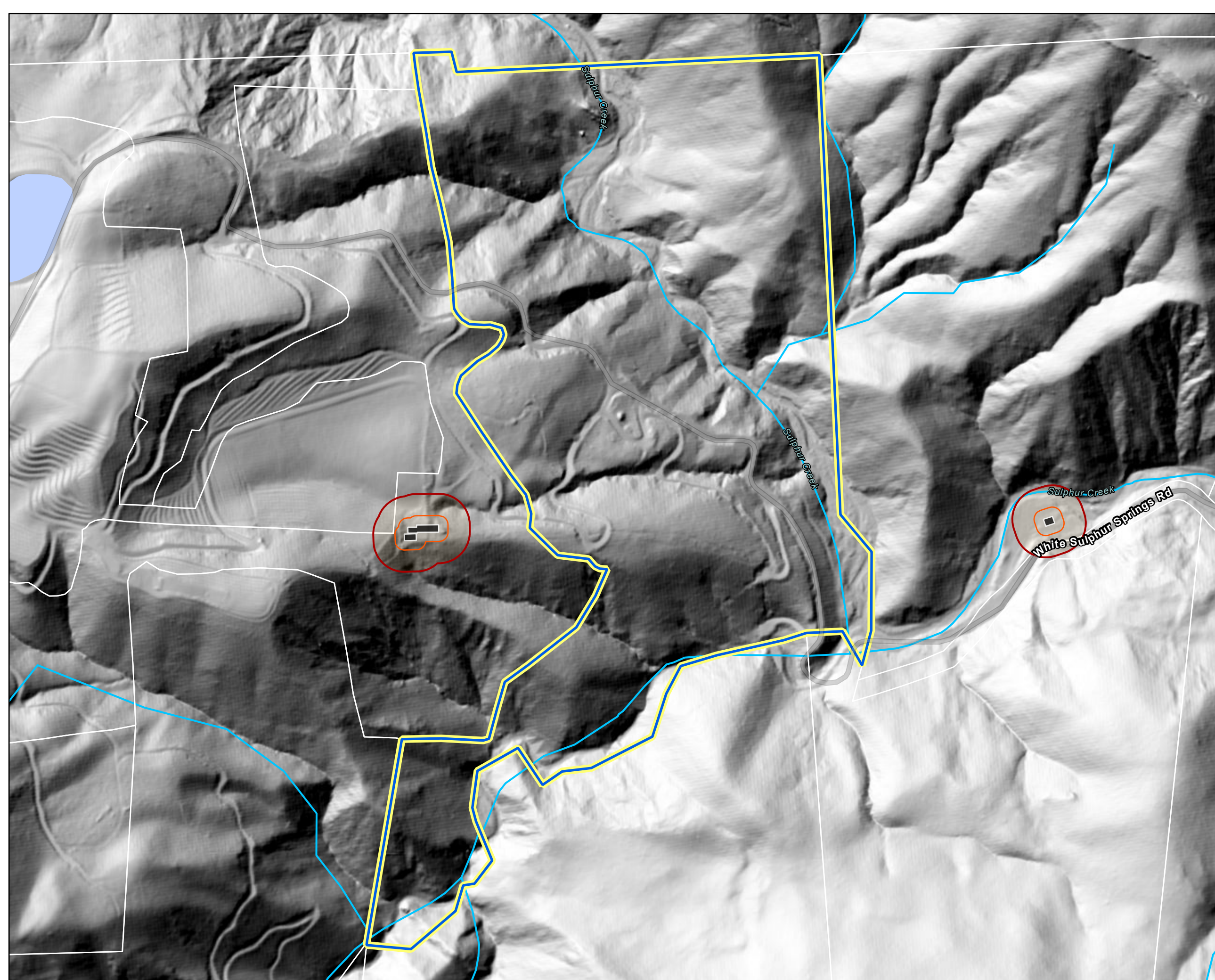
This map shows place names and high resolution (6-inch) orthoimagery from summer, 2021. Structures and their buffers are from data created using AI by Microsoft and represent 2019-2020 ground conditions. The Microsoft data includes both false positives and false negatives: buildings that exist on the ground are occasionally omitted from the dataset and buildings may exist in the dataset that don't exist on the ground. Some structures may have been affected by recent wildfires and/or construction.



Streams and Water Bodies

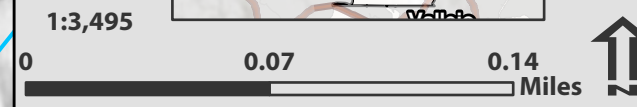
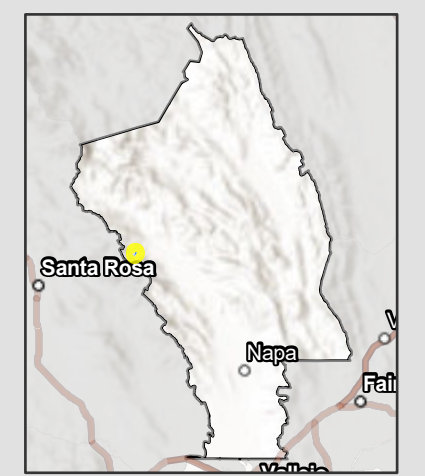
APN: 027-010-033-000

- 30-foot Building Buffer (2019-2020 Ground Conditions)
- 100-foot Building Buffer Outlines (2019-2020 Ground Conditions)
- Building Footprint (2019-2020 Ground Conditions)
- APN: 027-010-033-000
- Stream Lines
- Water Bodies
- Other Parcels
- Napa County Boundary









About This Map

This map shows the National Hydrography Dataset (NHD) for Napa County. The NHD data shown includes both thalwegs (stream centerlines) and water bodies, on top of the Napa County lidar derived hillshade map. Unfortunately, the hydrography data shown in this map is not lidar derived (only the hillshade is), which explains why the NHD thalwegs are more generalized than the stream morphology shown in the hillshade. Once the NHD transitions to a fully lidar derived workflow, the flowlines will have more precision.



Flame Length

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-  30-foot Building Buffer (2019-2020 Ground Conditions)
-  100-foot Building Buffer Outlines (2019-2020 Ground Conditions)
-  Building Footprint (2019-2020 Ground Conditions)
-  APN: 027-010-033-000
-  Other Parcels
-  Napa County Boundary

2018 Flame Length

-  0 feet
-  0 - 2 feet
-  2 - 4 feet
-  4 - 8 feet
-  8 - 11 feet
-  11 feet +

About This Map

This map shows flame length modeled by FLAMMAP for the property. The model maps irrigated agricultural lands and structures as non-burnable and shows no flame length. The FLAMMAP inputs include a 5-meter Scott and Burgan fuel map (updated to 2020 postfire conditions) and 2018 lidar derivatives including canopy height, canopy cover, canopy base height, canopy bulk density, elevation, slope, and aspect. The FLAMMAP modeling assumed low fuel moisture and humidity, as well as red flag warning winds. There are 5 classes of flame lengths. Hand crews can attack flame lengths less than 4 feet. Dozer, engines and retardant drops can be effective when flame lengths are 4-8 feet. Flame lengths greater than 11 feet are very difficult to control.

