

DUDLEY FIRE

Summary of Events
July 16, 2026



DUDLEY FIRE – Summary of Events

- Fire Weather and Conditions @1500 Hrs
 - 91°
 - Winds 3-5, out of the south
 - 22% RH
 - Elevation: 1650ft
 - Vegetation, annual grasses with mix of brush
 - Fuels reduction work completed on surrounding properties



DUDLEY FIRE – Summary of Events

- 14:54: Oroville ECC Dispatches the Call
- 14:58: B2118 first unit at scene
- 15:00: E81 at scene
- 15:03: CALFIRE and Paradise PD in Unified Command.
 - UC coordinated evacuation order for residents West of Dudley, South of Buschmann, East of Plantation/Berry Creek Drive.
 - B2118 had good intel from resources at scene regarding fuel loading in front of fire. High confidence fire would be held South of Buschmann
- 15:12: AA 210 at scene
- 15:15: Vina Copter 601, Copter 9CH and Tanker 181 at scene
- 15:51: Forward progress declared stopped
 - Usually not stated at the exact time, but many factors are considered prior to declaring.
 - Fire mapped at 5.5 acres





WFA Simulation for

Open incident on TA

FOR INTERNAL USE ONLY

DUDLEY

Sim Start: 07/16/26 • 14:53 • 8hr sim

Sim Ignition: 39.7536, -121.6166 • Approximate Location: Rita Ln, Paradise, CA 95969, USA

Generated by:



Initial Attack Assessment

2

Moderate

The Initial Attack Assessment (IAA) evaluates the difficulty of the incident considering the first hour of spread. Values range from 1(Low) to 5 (Extreme).

Terrain Difficulty Index (2h)

1

Very Low

No accessibility limitations to the firefighting resources, allowing quick deployment of wildfire suppression ground resources.

Fire Behavior Index

2

Moderate

Fire spreads rapidly presenting moderate resistance to control but can be countered with direct attack by firefighters. Values range from 1(Low) to 5 (Extreme).

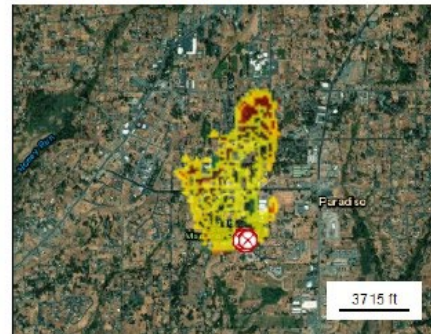
Growth Potential Index

2

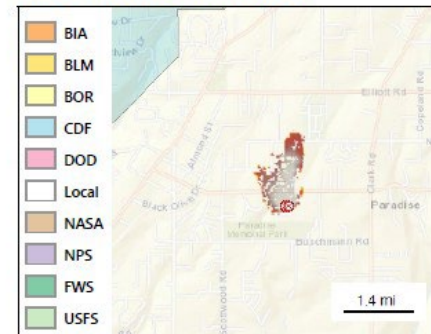
Moderate

The fire has a moderate potential due to its size and combination of potential growth in the next hour (if not contained).

Simulation Image (8hr)



Direct Protection Areas (DPA)



Simulation Results & Weather Conditions (FORECAST)

Time	Hours From Start	Acres (ac)	Acc. Acres (ac)	Bldgs.	Pop.	Wind Sp. (mph)	Wind Dir.	1h/FM (%)	Herb. (%)	Woody (%)
07/16/26 • 14:53	1	5.9	5.9	4	1	6.1	S	4	37	91
07/16/26 • 15:53	2	10.9	16.8	10	1	6.8	S	3	37	91
07/16/26 • 16:53	3	8.5	25.4	11	2	7.7	S	3	37	91
07/16/26 • 17:53	4	17.7	43.1	13	4	7.1	S	3	37	91
07/16/26 • 18:53	5	14.9	58	15	3	6.1	S	3	37	91
07/16/26 • 19:53	6	22.3	80.3	7	4	6.8	S	3	37	91
07/16/26 • 20:53	7	24.6	104.9	8	7	4.9	SE	3	37	91
07/16/26 • 21:53	8	14.6	119.5	4	7	5.6	SE	4	37	91
		Total:		72	29					

This report was generated at 07/16/26 • 15:12

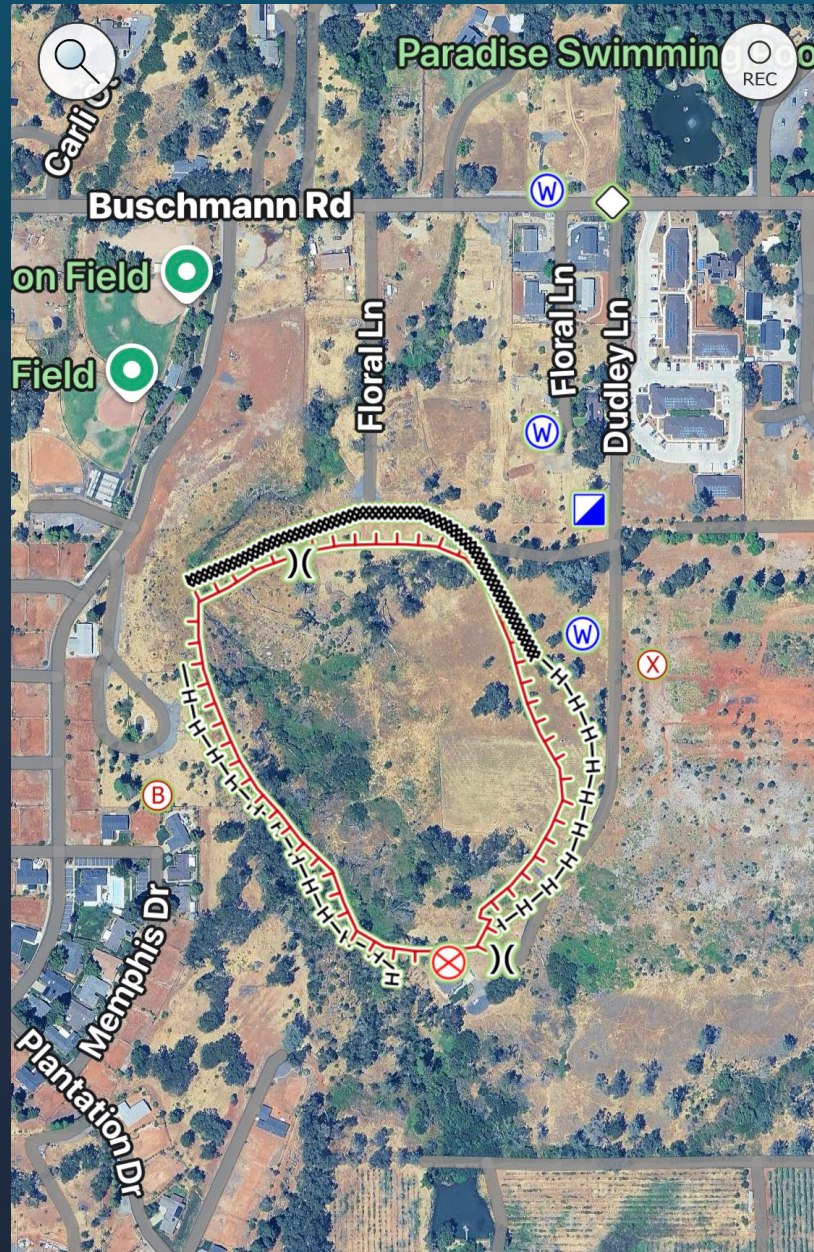


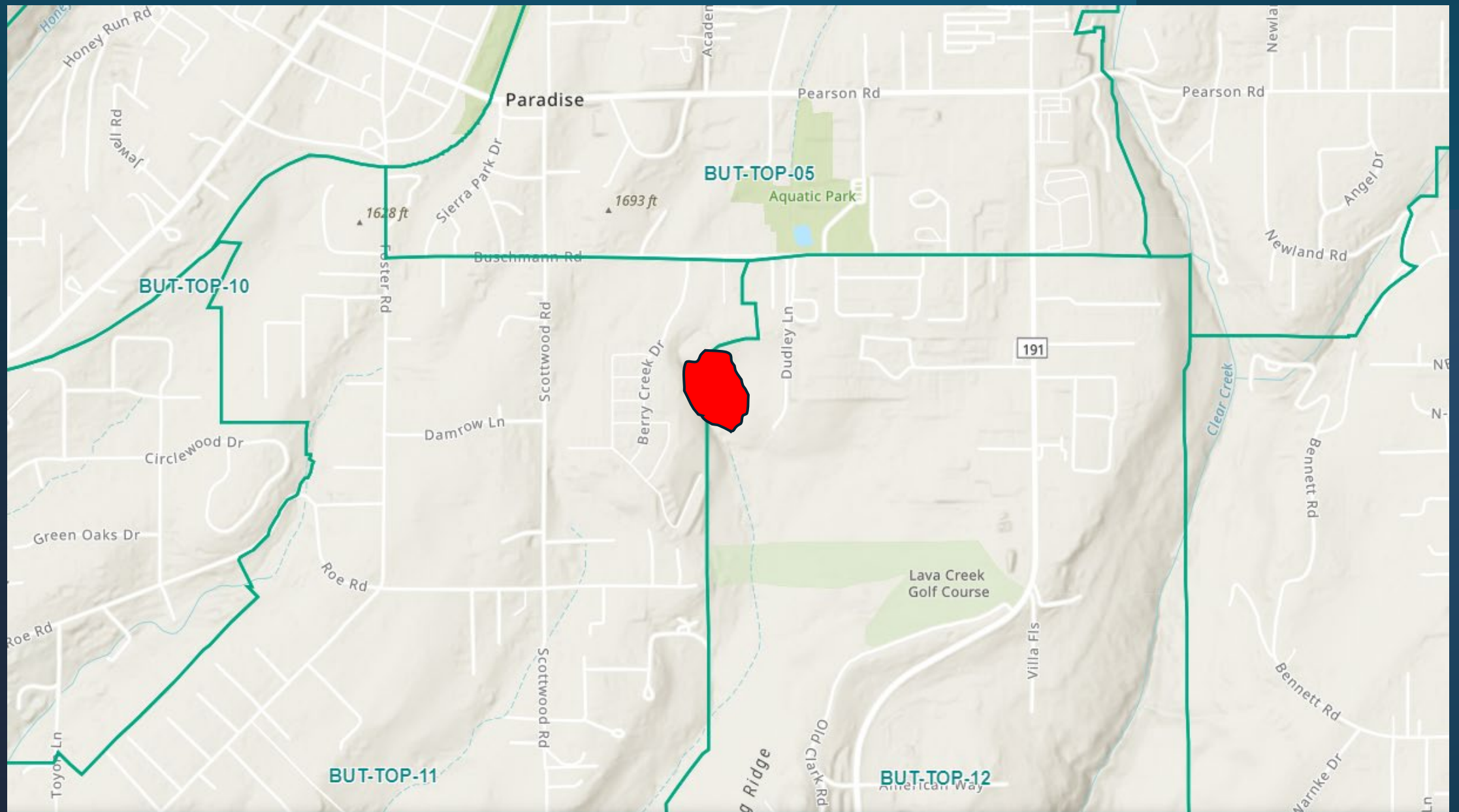
DUDLEY FIRE – Summary of Events

- Resources utilized to suppress the fire:
 - 3 Overhead
 - 7 Engines
 - 1 Dozer
 - 2 Hand Crews - Magalia
 - 2 Water Tenders
 - 1 Air Attack
 - 1 Air Tanker
 - 2 Helicopters
 - 1 With a crew
 - Approx 60 fire personnel at scene











DUDLEY FIRE – Summary of Events

To Conclude:

- The four engines within the Town of Paradise were at scene within the first ten minutes
- Having air resources at scene within 20 minutes prohibited significant growth and provided valuable intelligence.
- The vegetation management work completed in the area of the fire prevented rapid fire growth and aided in suppression