

Ladris Wildfire Evacuation Scenarios  
February 2026

The 130 wildfire evacuation scenarios, based on five wildfire “progression” scenarios, are “questionable” due to the fact that the wildfires used in the Ladris analyses were moving significantly slower than historic fires that resulted in massive property damage and deaths.

Below is the comparison of the five “selected” scenarios to two recent fires: The 2017 Tubbs fire in Sonoma County and the 2018 Camp fire in Paradise. Both of these fires were driven by near hurricane force winds. This is an event that is becoming more prevalent due to climate change and could occur in Orinda.

The Tubbs fire covered 12 miles in 3-4 hours. The Paradise/Camp fire covered 7.5 miles in 1.5 hours. The fire spreads used in the February Ladris analyses were no more than 10% as fast; as little as 1% as fast.

At the speeds “chosen”, it is questionable as to whether any evacuation at all would be required as suppression forces could probably be put in place before the fires spread.

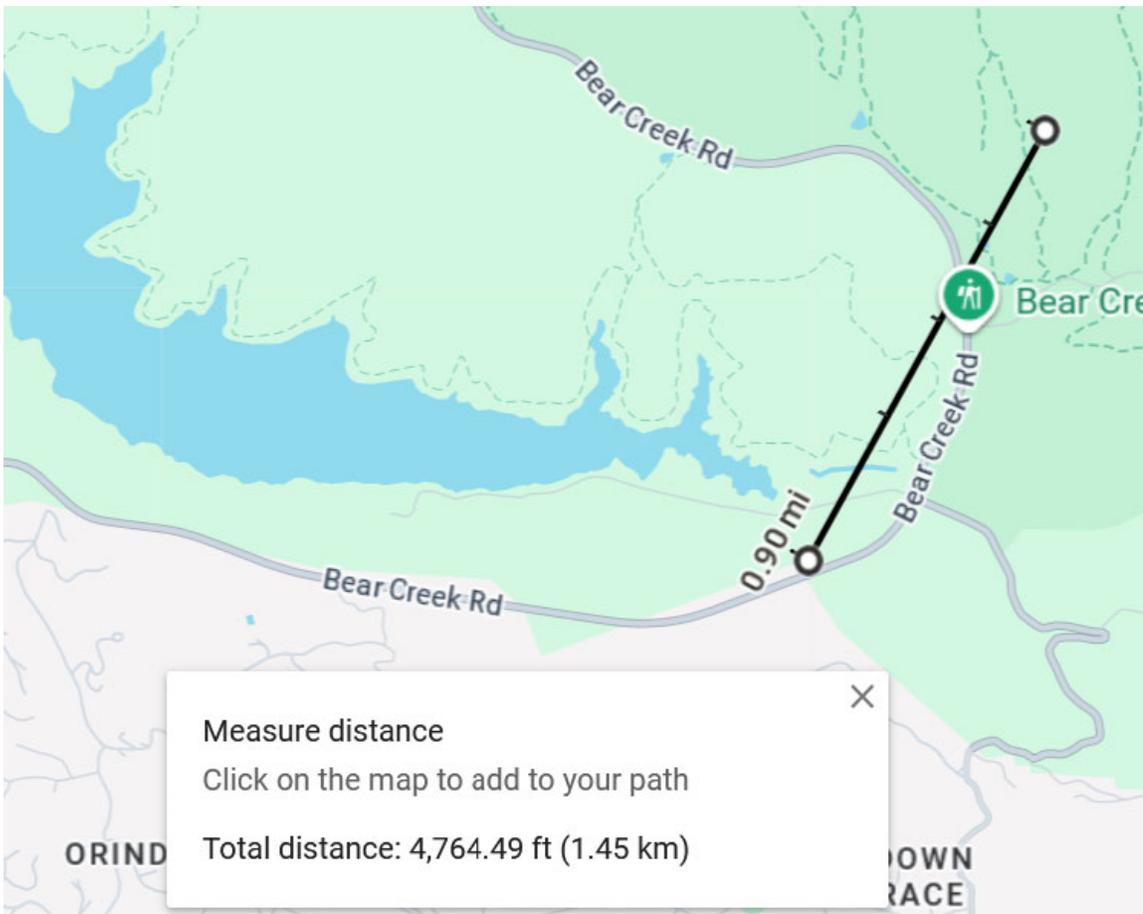
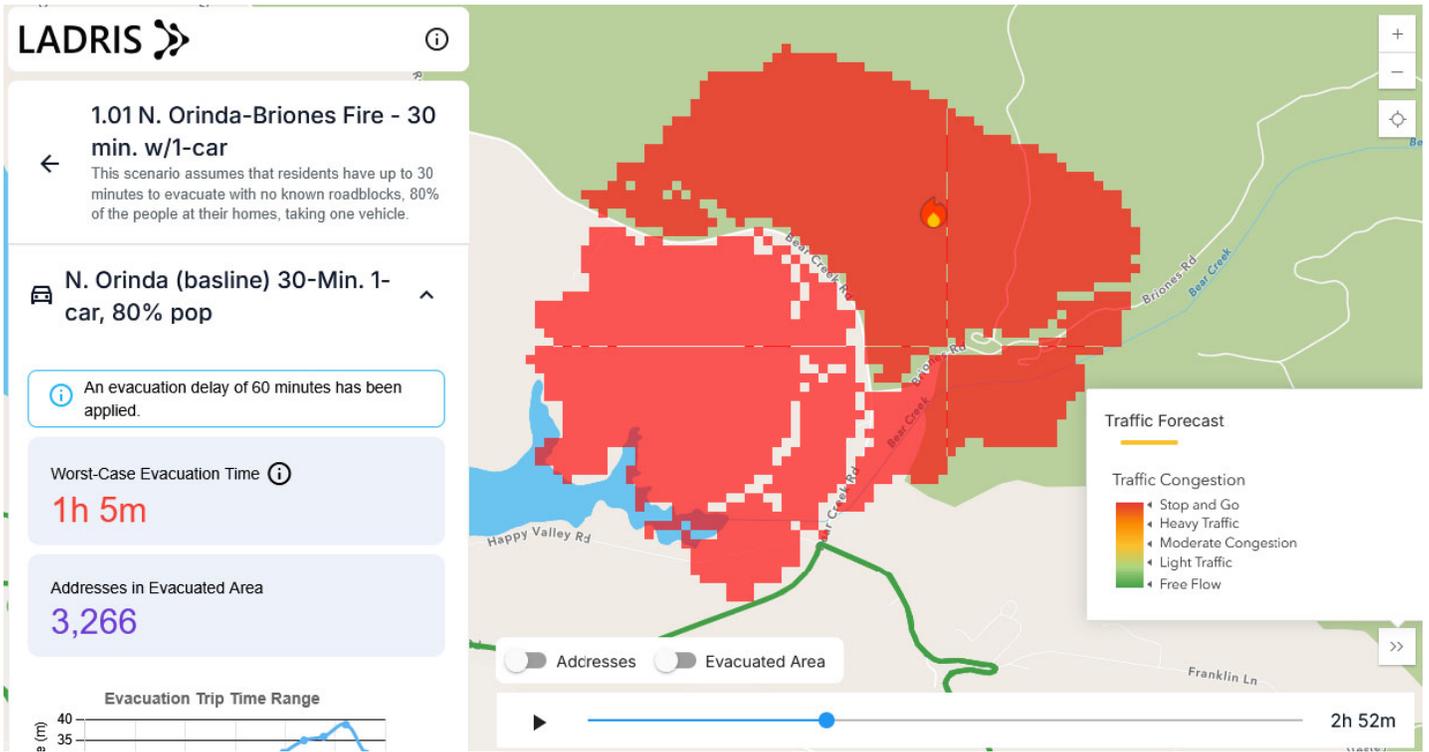
The question that needs to be asked is: “What would evacuation look like in fires that spread as fast as the Tubbs or Camp fires?”

	feet	miles	hr	min	hr	mph	Ft/min	Speed Percent of	
								Tubbs	Paradise
Tubbs		12			3.5	3.43	302	100%	69%
Paradise		7.5			1.5	5.00	440	146%	100%
1 & 2	4,760	0.90	2	52	2.87	0.31	28	9%	6%
3 & 4		1.29	5	13	5.22	0.25	22	7%	5%
5 & 8	4,500	0.85	4	31	4.52	0.19	17	6%	4%
6, 9 & 11	1,400	0.27	3	7	3.12	0.09	7	2%	2%
7 & 10	1,900	0.36	5	33	5.55	0.06	6	2%	1%

# Scenarios 1 & 2 off of Bear Creek Rd

4,760 feet in 2:52

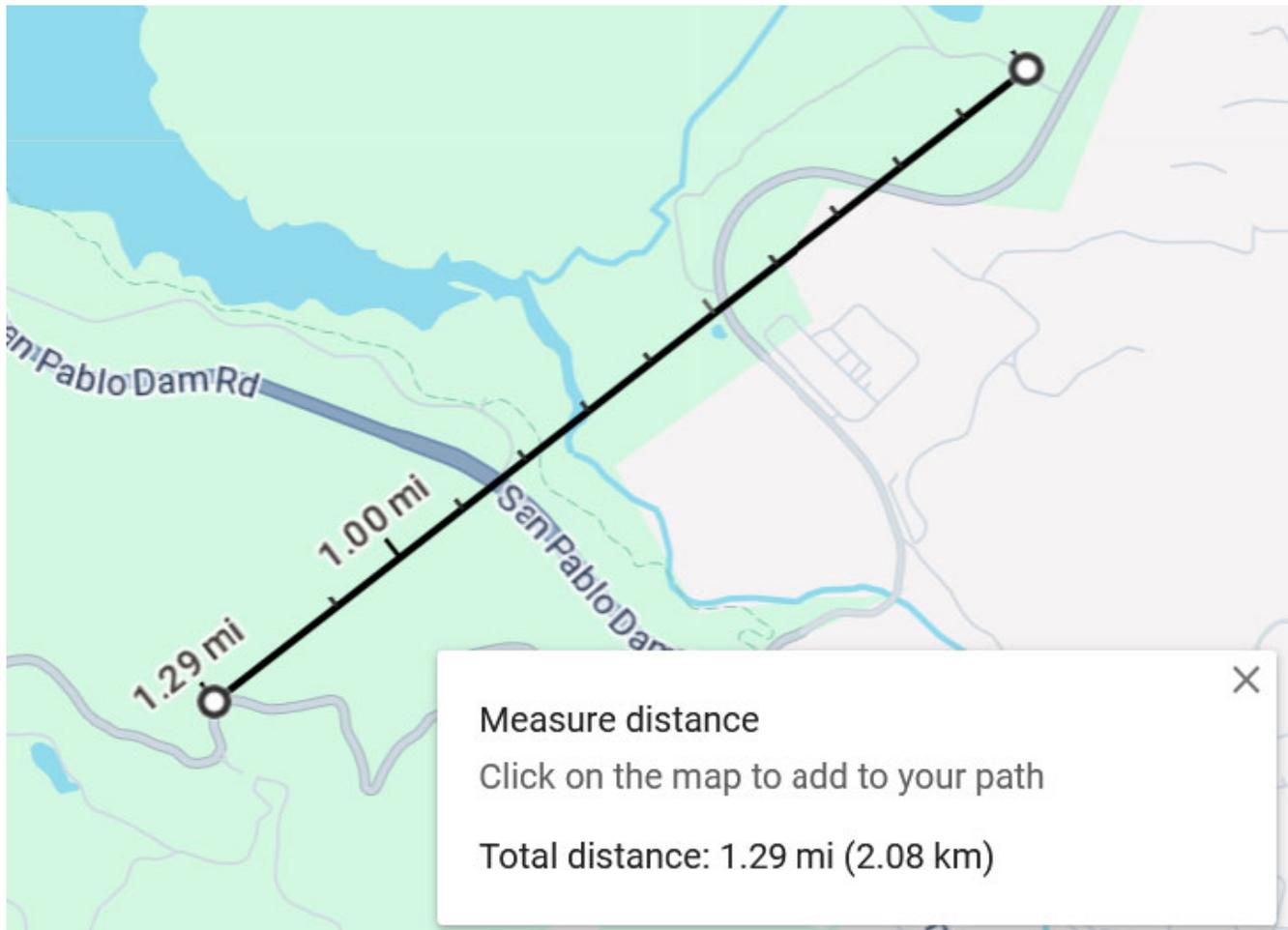
0.31 mph / 28 ft/min



# Scenarios 3 & 4 off of Bear Creek Rd

1.29 mile in 5:13

0.25 mph / 22 ft/min



# Scenarios 5 & 8 from Lafayette Reservoir

4,500 ft in 4:31

0.19 mph / 17 ft/min

**LADRIIS**

**5.01 Lafayette Reservoir Fire - S. Orinda 30min/1-car**  
This scenario assumes that residents have up to 30 minutes to evacuate with no known roadblocks, 80% of the people at their homes, taking one vehicle.

**S. Orinda 30 Min. 1-car, 80% pop**

An evacuation delay of 60 minutes has been applied.

Worst-Case Evacuation Time **1h 30m**

Addresses in Evacuated Area **4,672**

Evacuation Trip Time Range

**Traffic Forecast**

- Stop and Go
- Heavy Traffic
- Moderate Congestion
- Light Traffic
- Free Flow

Addresses Evacuated Area

4h 31m

**4,503.01 ft**

**Measure distance**

Click on the map to add to your path

Total distance: 4,503.01 ft (1.37 km)

# Scenarios 6, 9 & 11 from Orinda Oaks Park

1,400 ft in 3:07

0.09 mph / 7 ft/min

## LADRIS

9.07 O. Oaks - S. Orinda w/ max housing - 60m/2 cars  
This scenario assumes that residents have up to 60 minutes to evacuate with no known roadblock, 80% of the people at their homes, taking two vehicles.

S. Orinda (Max. Potential Housing) 60 Min. 2-car, 80...

An evacuation delay of 60 minutes has been applied.

Worst-Case Evacuation Time **1h 37m**

Addresses in Evacuated Area **4,674**

Evacuation Trip Time Range

Addresses Evacuated Area

3h 7m

St John Orthodox Church

Valley View Dr

Woodland Rd

Ivy Dr

Mo

1,399.69 ft

Layers

Measure distance

Click on the map to add to your path

Total distance: 1,399.69 ft (426.63 m)

# Scenarios 7 & 10 from South of Rheem Blvd

1,900 ft in 5:33

0.06 mph / 6 ft/min

