Town of Kensington

Zonehaven

Evacuation Management Software

Wildfire Threat - Tilden Park & Diablo Wind Events

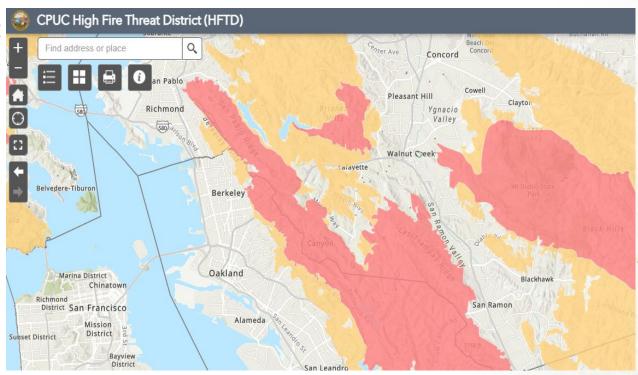


Wildfire Threat to Kensington

Combination of:

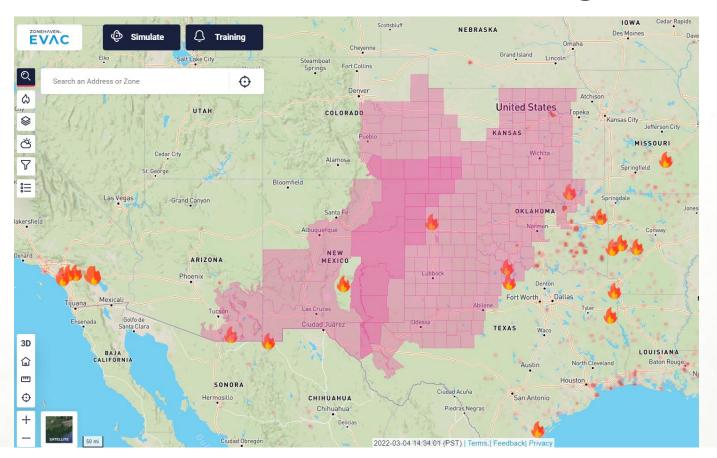
- Weather
- Location

Worst Case Scenario:
Ignition start in Tilden
Park/Orinda (to the east)
during a bad fire weather
day.





National Weather Service - Red Flag Warnings





Red Flag Warning (RFW) - NWSBayArea

Red Flag Weather Matrix		Sustained Winds						
		611 mph	12-20 mph	21-29 mph	30+ mph			
Daytime Min <29-42% and/or Night Max 60-80%					RFW			
Daytime Min <19-28% and/or Night Max 46-60%				RFW	RFW			
Daytime Min <9-18% and/or Night Max 31-45%			RFW	RFW	RFW			
Daytime Min <9% and/or Night Max <31%		RFW	RFW	RFW	PDS RFW			
	Daytime Min <29-42% and/or Night Max 60-80% Daytime Min <19-28% and/or Night Max 46-60% Daytime Min <9-18% and/or Night Max 31-45% Daytime Min <9% and/or	Daytime Min <29-42% and/or Night Max 60-80% Daytime Min <19-28% and/or Night Max 46-60% Daytime Min <9-18% and/or Night Max 31-45% Daytime Min <9% and/or	Cather Matrix <6 mph 611 mph Daytime Min <29-42% and/or Night Max 60-80% Daytime Min <19-28% and/or Night Max 46-60% Daytime Min <9-18% and/or Night Max 31-45% Daytime Min <9% and/or RFW	Cather Matrix	Cather Matrix Camph Cather Matrix Camph Cather Matrix Camph Cather Min Cather Mi			

Low Medium High Very High Extreme



Weather: Non-RFW Day

Valley Fire 2018



Fire Crews Stop Progress and Contain



Weather - Non-Red Flag Warnings

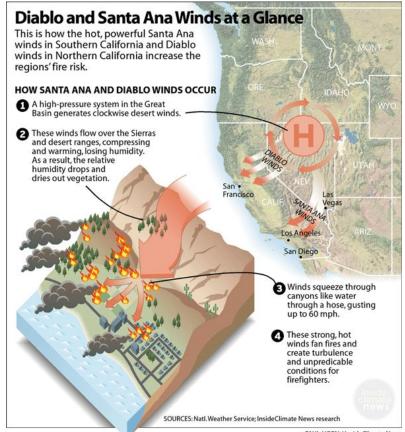
Valley Fire 2018

Fire Stopped and Contained



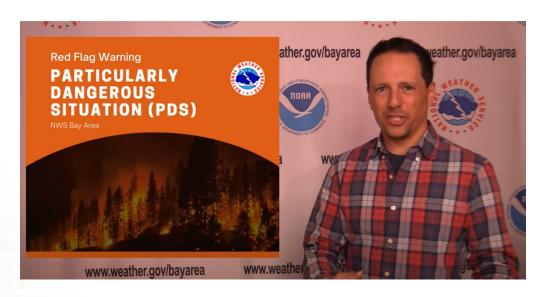


Extreme Fire Weather - Diablo Wind Events





Particularly Dangerous Situation (PDS RFW)



Particularly Dangerous Situation Explanation

Red Flag Weather Matrix		Sustained Winds					
		<6 mph	611 mph	12-20 mph	21-29 mph	30+ mph	
H u	Daytime Min <29-42% and/or Night Max 60-80%					RFW	
m i	Daytime Min <19-28% and/or Night Max 46-60%				RFW	RFW	
d i	Daytime Min <9-18% and/or Night Max 31-45%			RFW	RFW	RFW	
t y	Daytime Min <9% and/or Night Max <31%		RFW	RFW	RFW	PDS RFW	

Medium

High



Very High

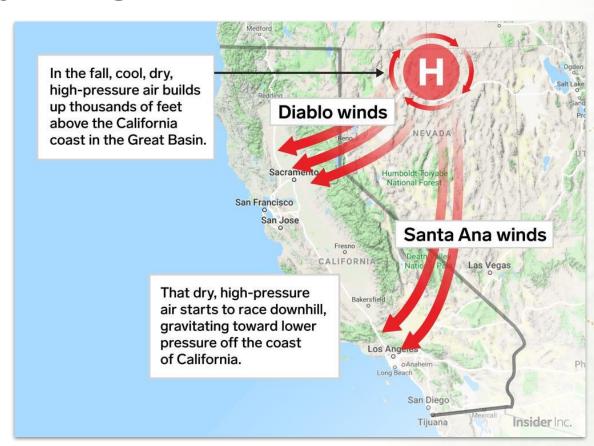


PDS - Particularly Dangerous Situation

NWS: PDS RFW Warning

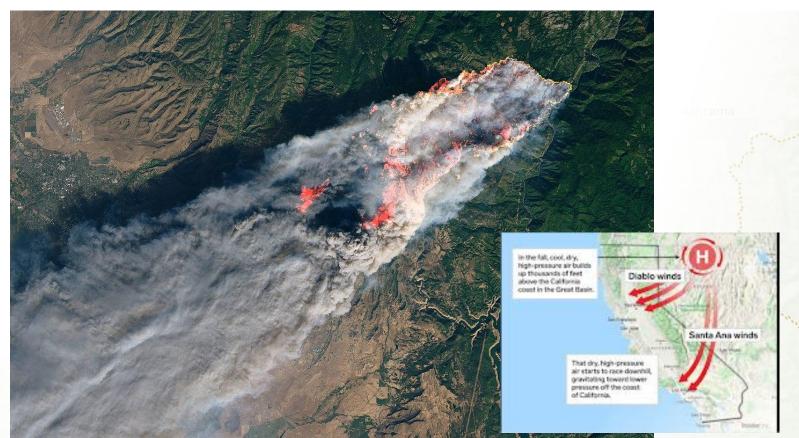
PG&E: PSPS Warning







PDS - Particularly Dangerous Situation



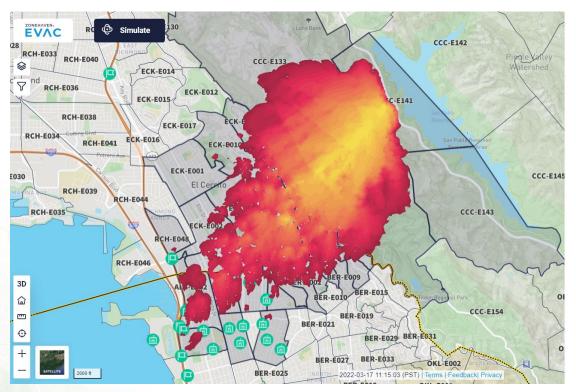
Paradise Fire

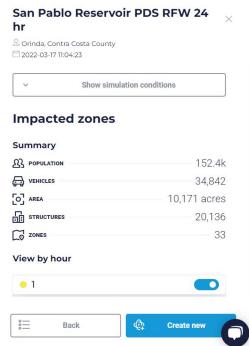
49



Worst Case Scenario - PDS RFW

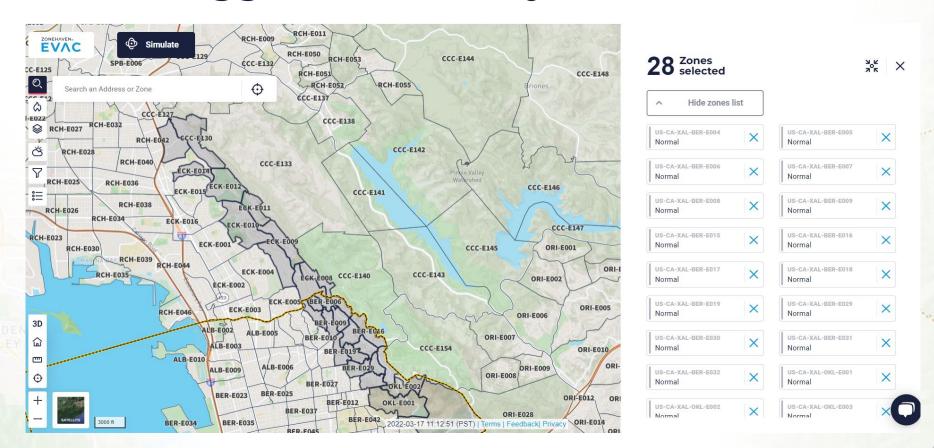
Ignition Start in Tilden Park/Orinda region during a PDS RFW







PDS = Trigger for Advisory Status in EVAC?





Pause for Questions?









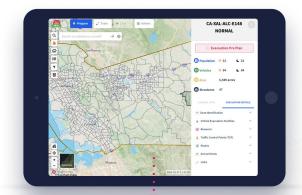
Review Zonehaven Tools



- app.zonehaven.com
 - Public Safety ONLY
 - Zone Status and Data Inputting

ZONEHAVEN® AWARE

- community.zonehaven.com
 - This is LIVE to the Internet 24/7
 - Public Facing Immediately





^{*}Recommendation - have both sites up and running while working in the applications.





Review: County CWS Alert Request Workflow

Info "Relay"

Multi-Channel Notifications

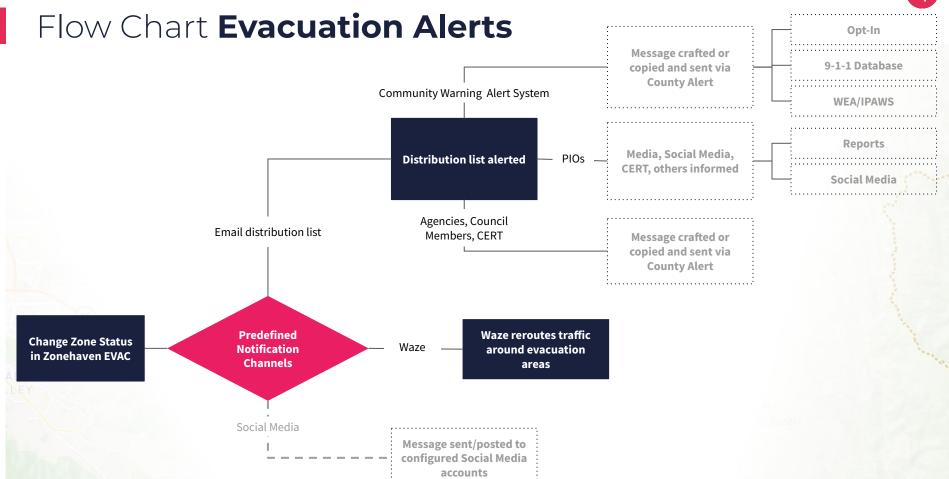














Unified Command Alert Request Process

https://youtu.be/PiC6kNmwGDg



Get Ready Marin County: Know Your Zone 3.2K views • 1 month ago



Marin Wildfire Prevention Authority

Learn more about Marin County's improved evacuation system

CC





Zone Status Change in EVAC is Critical





Zone Status Changes Made by "Alerters" in EVAC application.

Examples:

- Police LT's, Capt's, Sgt's
- Fire: 2nd-in BC, AC, DC
- OES: EM's