

City Council Meeting
November 21, 2023

2023-24 Winter
Preparedness and Alert
Systems





Topics for Presentation

- **Introduction and OR3**
- **Levels of activation during emergency**
- **Notification Systems**
- **Zonehaven Map**
- **Weather Update**
- **Winter Preparedness**
- **Questions**



Importance of Emergency Management

Respond to emergencies, hazards and threats

- 1) Prepare for disasters**
- 2) Respond during emergencies**
- 3) Assist with Recovery**

Extreme Weather Events, Tsunami, Earthquake, Fire, Local Disaster, Law Enforcement or Fire Events

Standardized Emergency Management System



Standardized Emergency Management System (SEMS)

5 Organizational Levels





Alert and Notification Systems

City (Local) issue – Capitola PD or Central FD

- Personal contact Isolated area; or planned evacuation (door-to-door or PA)
- Nixel Alerts – Sent by PD, road closures, police activity, special events
- Reverse 9-1-1 defined geographic area or neighborhood
 - Local emergency notification
 - Shelter-in-place
 - Small scale evacuations





Alert and Notification Systems



Larger Scale Incidents or Alerts/Warning

- Social Media   
- Emergency Alert System (EAS) local radio, television, and press
Amber Alerts, Silver Alerts, Emergency Alerts 
- Cruz Aware 
- Zonehaven – Evacuation and Warning System 



What is Cruz Aware?



Natural disasters, severe weather events, public safety concerns, and other emergencies

Non-emergency messaging: Roadwork, public meetings, and other important updates


Choose to receive alerts via text messages, phone calls, email, or the CruzAware mobile app

Access alerts and messages in multiple languages to accommodate the diverse needs of our community.

How to sign up?



Alert and Warning Cruz Aware

 Registration Portal

Account


First name Last name


Language

Email

Prefix Phone number

Receive text messages on this phone

 Registration Portal EN

ca usa 

Locations

Work


Name Longitude Latitude

Line 1

Line 2



City Postcode

State Country





Alert and Warning Cruz Aware

  Registration Portal



I would like to be notified in case of

- General
- Emergency
- Santa Cruz County Roads and Infrastructure
- Santa Cruz County Parks
- Voter Information
- Santa Cruz County Public Health
- Community Events

Notifications

I would like to be notified by (drag and drop to reorganize)

- Email
- App
- SMS (text)
- Voice
- TTY

  Registration Portal

I would like to receive weather information related to the following (select from list below). NOTE: to receive weather alerts you must make a selection below AND have an address in the system.

- All
- Floods
- Thunderstorms
- Beach Hazards Statement
- Fire Weather Watch
- Storms
- Surf and Sea
- Marine Weather Statement
- Red Flag Warning
- Special Marine Warning
- Special Weather Statement
- Storm Surge Warning
- Tsunami
- Extreme Fire Danger
- Hard Freeze Warning
- Small Craft Adversity Forecasting System

Notifications



Zonehaven

- Evacuation Mapping
- Capitola has 8 Zones

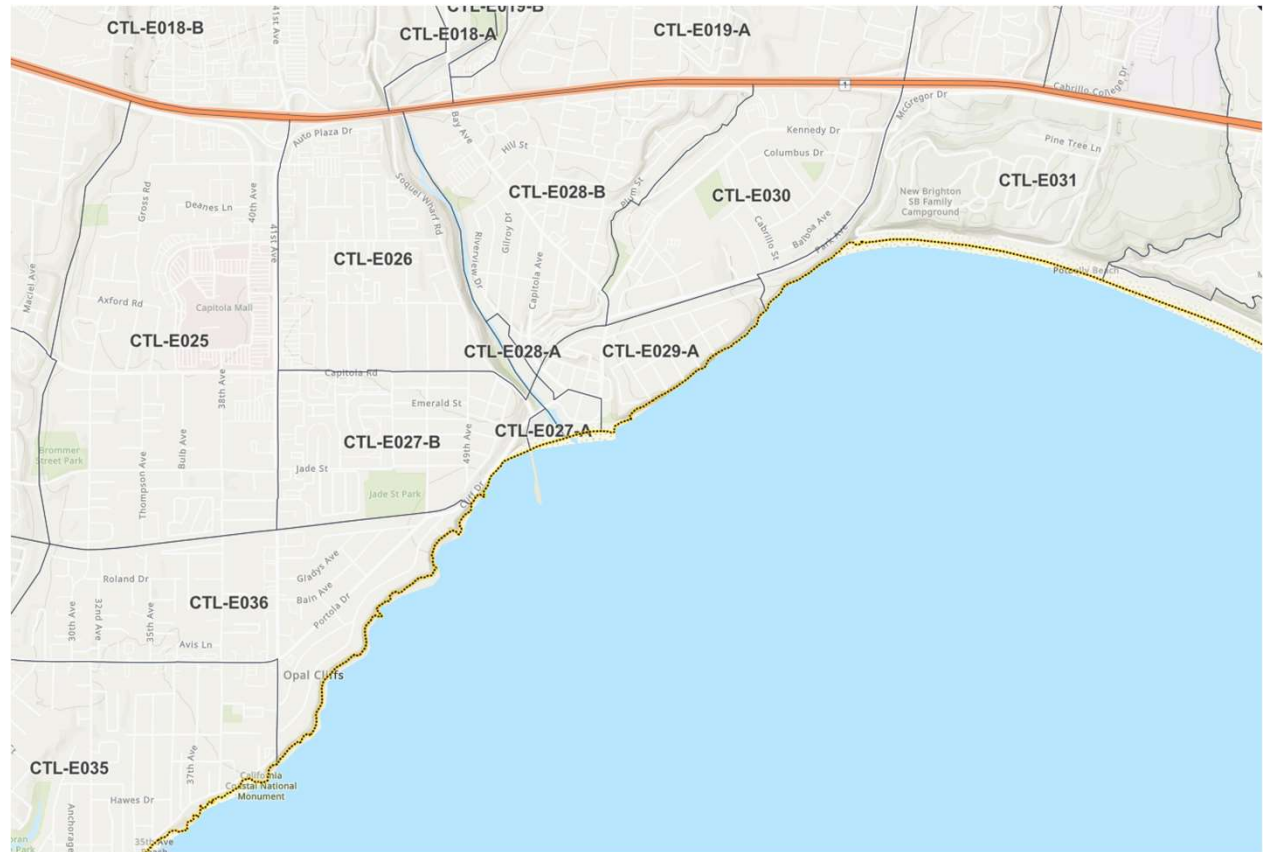
Created a Lower Village
Zone for Flooding Concerns

KNOW YOUR

ZONE



Zonehaven and Capitola Zones





Eastside Capitola and lower Village





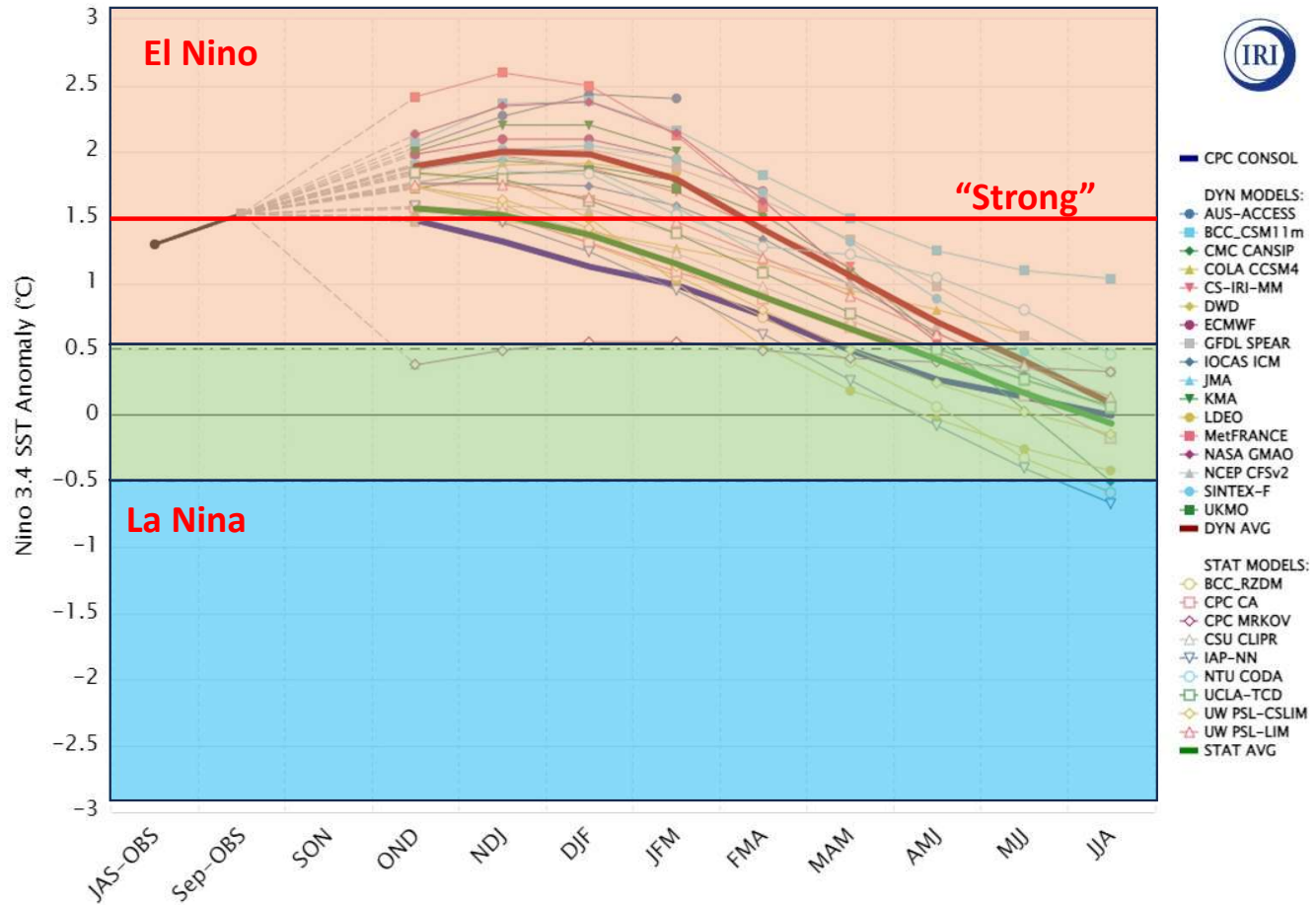
Weather Update

El Nino ?



2023-24 El Nino Winter Predictions

Model Predictions of ENSO from Oct 2023

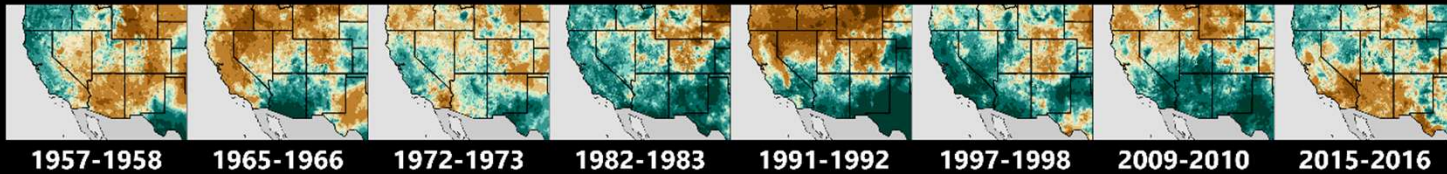




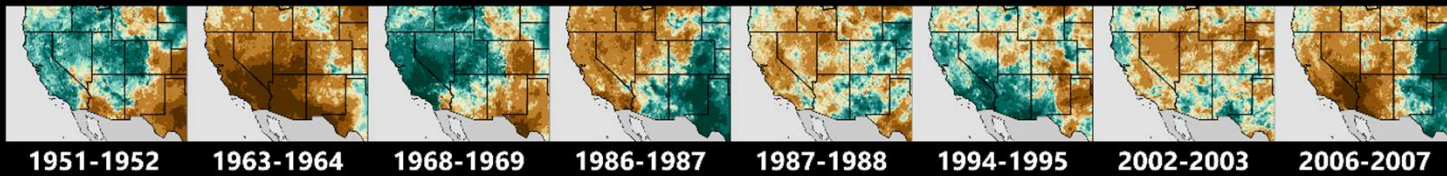
El Nino Winters: Variability

EL NIÑO EVENTS (DJF): PRECIPITATION

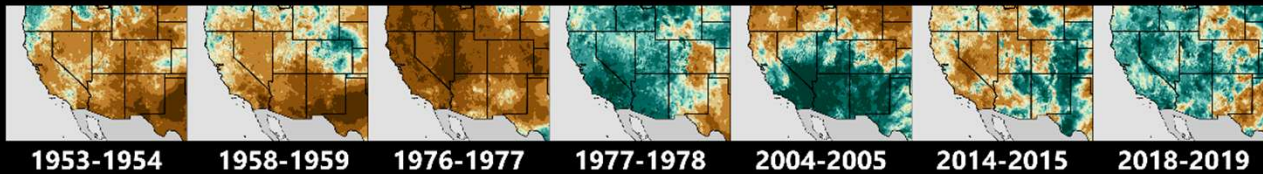
STRONG



MODERATE



WEAK

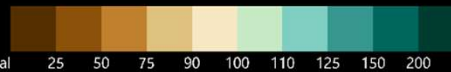


Data: PRISM, Oregon State University



NATIONAL WEATHER SERVICE
NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

Precipitation
Percent of Normal





Winter Preparedness

- Preparedness
 - Stormwater Management – You & Neighbors
 - King Tides – Dec 12-15 & Jan 9-13
 - County & Private Roads
 - Power Resilience
 - Communications
 - Cruz Aware
 - Battery Back-up
 - NOAA Weather Radios



Winter Preparedness: Sand Bags

SAND AND SANDBAG LOCATIONS



Capitola PD 422 Capitola
 Central Fire 930 17th Avenue

NORTH COUNTY	MID COUNTY
CALFIRE Big Creek Station 240 Swanton Road, Davenport (831) 426-1664 > Sand and Bags	Branciforte Fire 2711 Branciforte Drive (831) 423-8856 > Sand and Bags
Boulder Creek Fire 13230 Highway 9 (831) 338-7222 > Sand and Bags / bring your own shovel	Central Fire 4747 Soquel Drive (831) 479-6842 > Sand and Bags
CALFIRE Fall Creek Station 7272 Empire Grade (831) 426-3131 > Sand and Bags	Aptos/La Selva Fire 6934 Soquel Drive (831) 685-6690 > Sand and Bags
Felton Fire 131 Kirby Street (831) 335-4422 > Bags ONLY	
	SOUTH COUNTY
Valley Churches United/Ben Lomond Fire 9400 Highway 9 (831) 336-8258 > Sand and Bags	CALFIRE Corralitos Station 120 Eureka Canyon Road (831) 724-2446 > Sand and Bags
Zayante Fire 7700 Zayante Road (831) 335-5100 > Sand and Bags	Pajaro Valley Fire 562 Casserly Road, Watsonville (831) 722-6188 > Sand and Bags
Scotts Valley Fire 7 Erba Lane (831) 438-0211 > Sand and Bags	CALFIRE Burrell Station 25050 Highland Way, Los Gatos (408) 353-1022 > Sand and Bags



Questions?

Thank You





Links:

- [Emergency Operations Plan Update](#)
- [SAFER-SC](#)
- [CruzAware Notifications](#)
- [Zonehaven \(Genasys Protect\)](#)
- [Winter Preparedness](#)
- [Santa Cruz One Rain](#)
- [Sandbag Details](#)
- [PG&E Outage Map](#)