

# Alameda County Flood Damage Briefing

Briefing: Jan 25, 2023

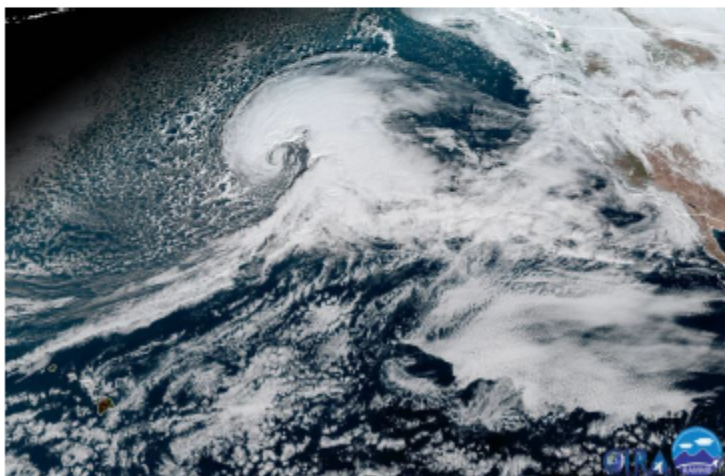
2022-2023 Early Winter Storm  
EM-3591-CA





# Storm Series: 26 Dec 2022 – 18 Jan 2023

- Series of Pineapple Express storms, a form an Atmospheric River
  - High moisture content with source region near the Hawaiian Is.



24 atmospheric rivers made landfall over the U.S. West Coast between October 1<sup>st</sup> 2022 and January 17<sup>th</sup> 2023



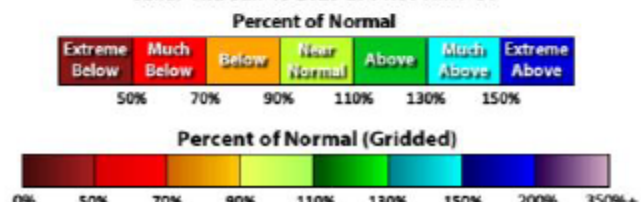
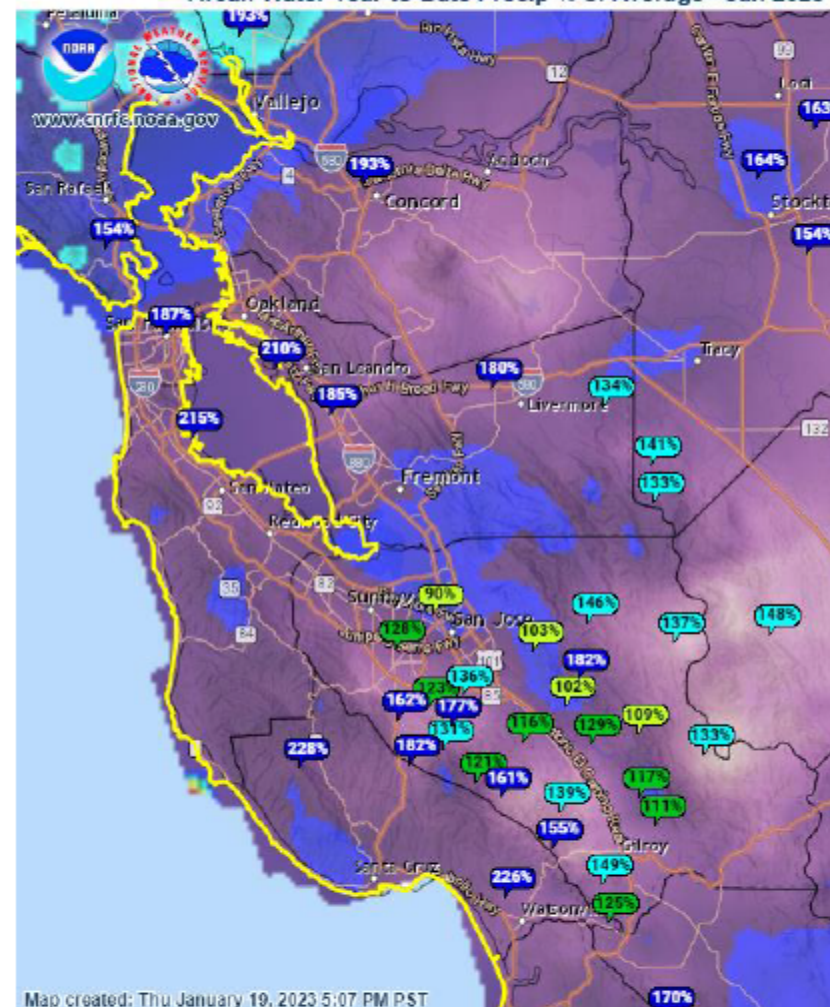
## Rainfall Totals over 24 days

- Oakland Museum: 18.36"
  - Period of Record 1970 – Present
  - Normal Water Year Rainfall Oct 01 – Sept 30: 22.61"
- Livermore Airport: 11.80"
  - Period of Record 1998 – Present
  - Normal Water Year Rainfall Oct 01 – Sept 30: 15.18"

## Wind Gusts

- Oakland Airport 59 mph 4 Jan 2023 associated with Bomb Cyclone
- Numerous other sites gusted into the 70s and 80s multiple times

Points: Water Year-to-Date Precip % of Average  
Areal: Water Year-to-Date Precip % of Average - Jan 2023



# Situation

(Continued)

**Dec 26** – Preparedness & Monitoring Efforts

**Dec 31** – EOC Activation

**Jan 4** – State Proclamation

**Jan 6** – County Proclamation

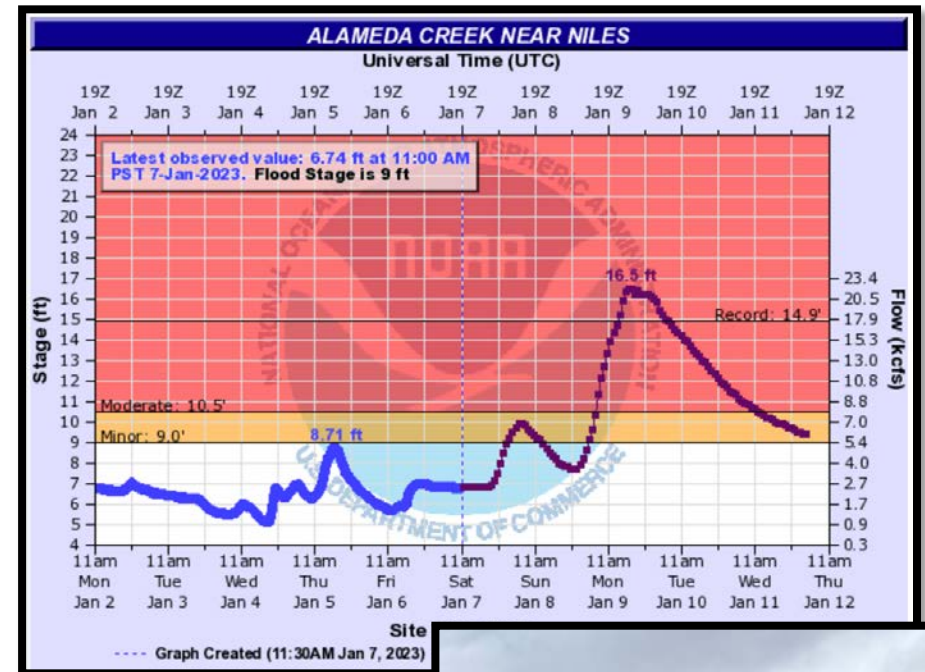
**Jan 9** – Federal Declaration

**Jan 20** – PA PDA Inspection

**Jan 25** – IA PDA Inspection

80,000 sandbags distributed in the unincorporated areas

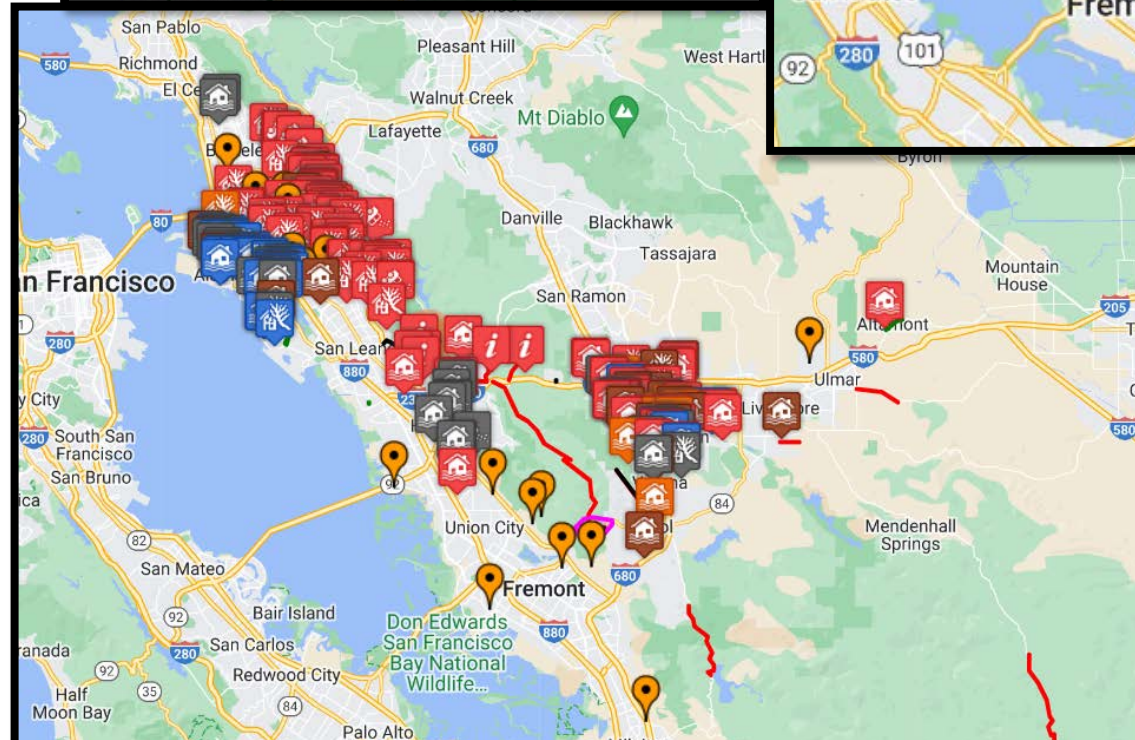
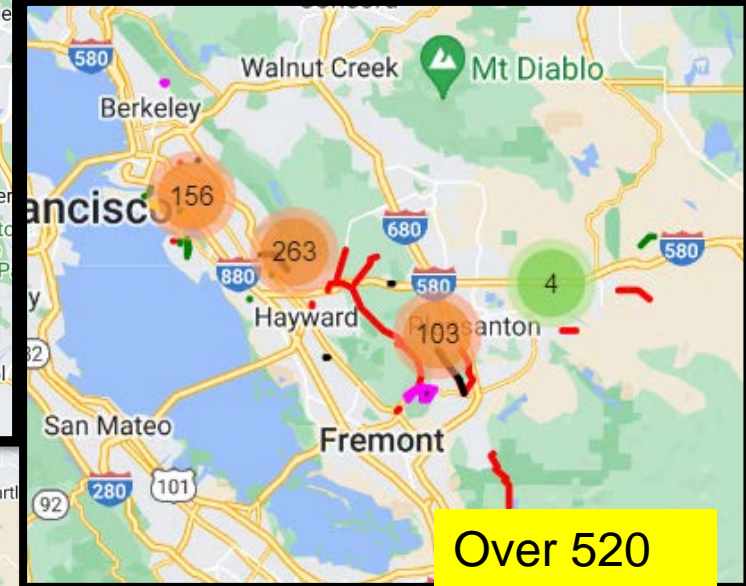
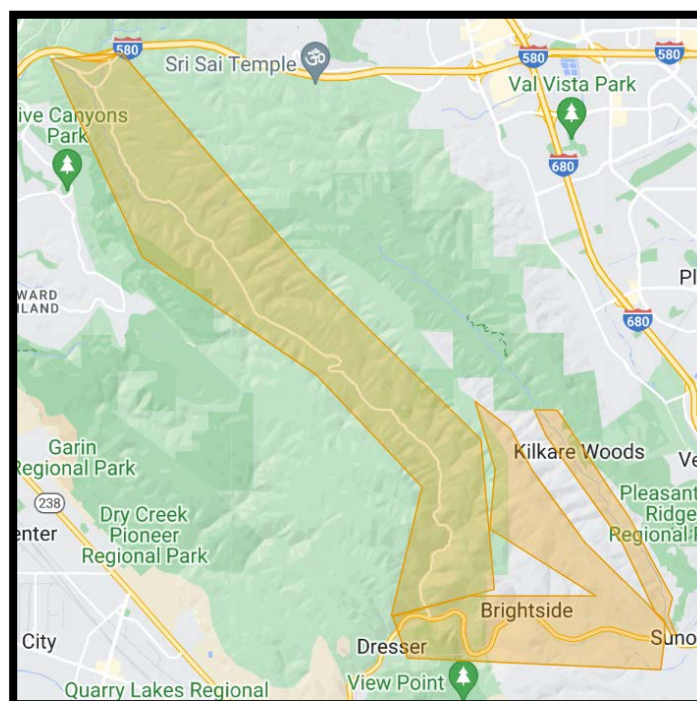
Deployed 1.1 million pounds of sand



# Alameda County Situation

(Continued)

- 1350 residents in Sunol/Kilkare Rd. were advised to evacuate (Jan. 4 & Jan 6)
- Calls for service within the first 24 hours:
  - 88 downed trees
  - 19 landslides
  - Many roads remain closed
- State Route 84 closed since Dec 31<sup>st</sup> (Est. Time of restoration pending)
- Evacuated Coliseum Complex in Oakland (110-unit apt building)
- Evacuated Fern Lodge Nursing Facility in Castro Valley



Over 520  
calls for  
service in 4  
sections of  
the County

# Alameda County Initial Public Damage Estimate

Alameda County Damage Threshold Required by FEMA = \$7.4 Million

CATEGORY	A	B	C	D	E	F	G	TOTAL
<b>JURISDICTION</b>								
Alameda	\$0.00	\$5,000.00	\$0.00	\$600,000.00	\$990,000.00	\$200,000.00	\$10,000.00	\$1,805,000.00
Albany	\$0.00	\$23,096.29	\$160,000.00	\$6,750.00	\$0.00	\$0.00	\$0.00	\$189,846.29
Berkeley	\$0.00	\$73,670.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$73,670.00
Dublin	\$100,000.00	\$75,000.00	\$325,000.00	\$0.00	\$0.00	\$0.00	\$500,000.00	\$1,000,000.00
Emeryville	\$20,000.00	\$60,000.00	\$35,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$115,000.00
Fremont	\$103,600.00	\$132,130.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$235,730.00
Hayward	\$61,379.00	\$34,993.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$96,372.00
Livermore	\$0.00	\$250,000.00	\$1,625,000.00	\$1,600,000.00	\$0.00	\$1,200,000.00	\$2,235,000.00	\$6,910,000.00
Newark	\$0.00	\$45,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45,000.00
Oakland	\$57,500.00	\$5,628,860.00	\$460,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,146,360.00
Piedmont	\$50,000.00	\$5,000.00	\$0.00	\$0.00	\$25,000.00	\$0.00	\$0.00	\$80,000.00
Pleasanton	\$424,000.00	\$35,000.00	\$0.00	\$0.00	\$0.00	\$4,100,000.00	\$450,000.00	\$5,009,000.00
San Leandro	\$43,901.14	\$143,688.68	\$46,262.00	\$33,000.00	\$120,000.00	\$0.00	\$0.00	\$386,851.82
Union City	\$0.00	\$32,000.00	\$20,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52,000.00
<b>Unincorporated:</b>								
Alameda County PW	\$5,850,000.00	\$14,100,000.00	\$800,000.00	\$600,000.00	\$150,000.00	\$0.00	\$0.00	\$21,500,000.00
<b>Special Districts:</b>								
ACWD	\$20,000.00	\$25,000.00	\$0.00	\$60,000.00	\$15,000.00	\$0.00	\$0.00	\$120,000.00
EBMUD	\$54,760.00	\$193,863.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$248,623.00
EBRPD	\$2,521,300.00	\$711,700.00	\$2,626,000.00	\$0.00	\$541,800.00	\$0.00	\$2,383,300.00	\$8,784,100.00
Port of Oakland	\$616.77	\$8,166.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,782.95
SFPUC	\$0.00	\$0.00	\$7,000,000.00	\$6,250,000.00	\$1,000,000.00	\$0.00	\$0.00	\$14,250,000.00
<b>TOTALS</b>	<b>\$9,307,056.91</b>	<b>\$21,582,167.15</b>	<b>\$13,097,262.00</b>	<b>\$9,149,750.00</b>	<b>\$2,841,800.00</b>	<b>\$5,500,000.00</b>	<b>\$5,578,300.00</b>	<b>\$67,056,336.06</b>

Alameda County Sheriff's OES and County Public Works lead State and FEMA Damage Inspection Teams



# Alameda County Public Works

**Location:** San Lorenzo Creek adjacent A Street, Castro Valley

**Description:** Channel Retaining Wall Collapse and road failure

**Cost Estimate:** \$6 Million

**Category of Work:** C





# Private Property Damages Individual Assistance (IA)

ALAMEDA

SCALE

TWO MILES TO AN INCH.

MADE BY  
N.B. HAYES & CO.

Published by  
THOMPSON & WEST  
OAKLAND, CAL.

SANTA CLARA COUNTY

# Unincorporated Sunol Area Homes



**VOLUNTEERS NEEDED**

**Want to  
help?**

**text/call vic  
760-805-2964**

**Want to  
volunteer in  
other ways?**

**We Need  
volunteers to**

- 1930 Kilkare. Has significant issues with the bridge over the creek to their home. Water washed away the wing walls - The bridge is currently unstable.
- 905 Kilkare had mudslide damage into their home. Damage extent unknown.
- 11797 Foothill Road sustained damages.

# Castro Valley Tree Falls & Injures Man



Damage to home as tree falls into home - January 9th



Questions/Comments?

— 1878 —  
MAP OF THE  
COUNTY OF  
**ALAMEDA**  
SCALE  
TWO MILES TO AN INCH.  
DRAWN BY  
N.B. HAYES  
PUBLISHED BY  
J. THOMPSON & WEST  
OAKLAND, CAL.

SANTA CLARA COUNTY