



Public Works

LOS ANGELES COUNTY



What to Know About Flood Risk Placerita Canyon

Supervisorial District 5

What to Know About Flood Risk

Floodplain Managers

- City of Santa Clarita – City’s Engineering Services Division
- Unincorporated Areas – Los Angeles County Public Works

84 other cities in Los Angeles County have their own floodplain managers.

Why we are here: Inform residents about their flood risk, how to lessen their flood risk, prepare for floods, and recover from floods by purchasing flood insurance.



Flood Hazards and Risks

- No area is free of flood hazards or risk.
- Rainfall effects magnified by climate change
- Know the potential flood hazards in your area and your flood risk.
- Be prepared.



1. HAVE A PLAN



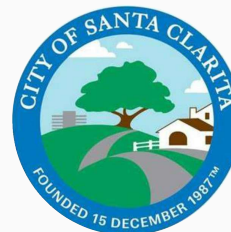
2. KEEP SUPPLIES



3. STAY INFORMED



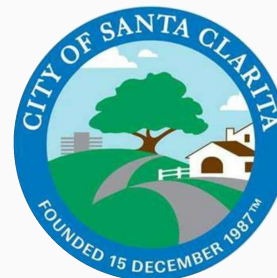
4. GET INVOLVED



Regional Hydrologic Picture

Flood/drought cycles

- Long drought periods
- Wildfires
- High intensity rainfall events and debris flows
- Effects magnified by climate change

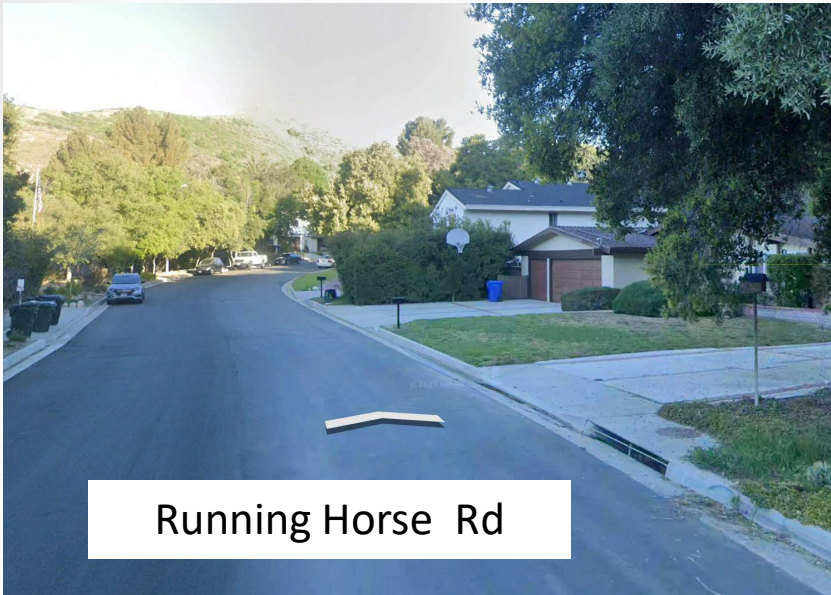


Lay of the Land Placerita Canyon

Mountains, Wash Bottom



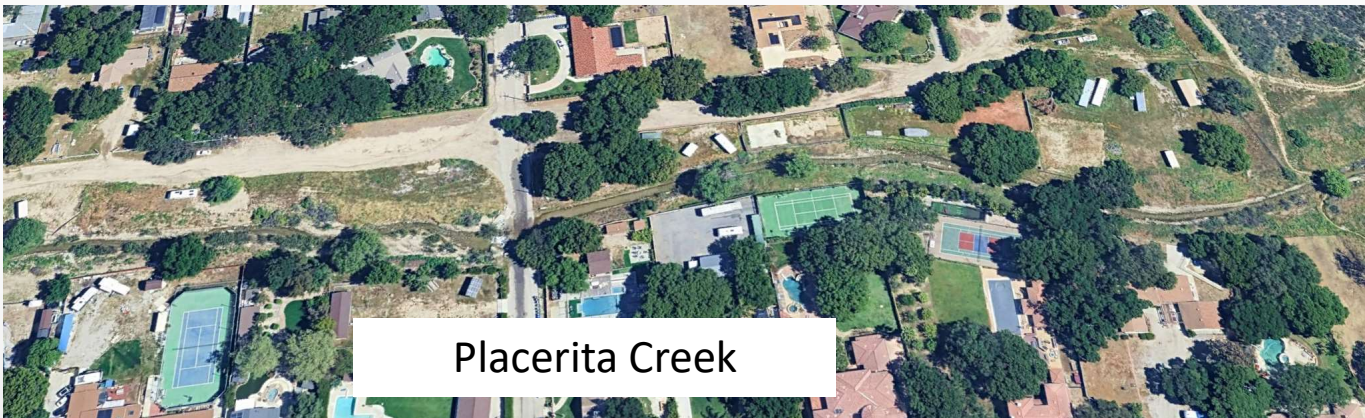
Types of Flood Hazards in Placerita Canyon



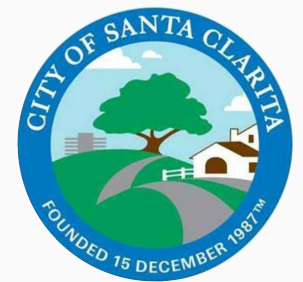
Running Horse Rd



Placerita Canyon Rd



Placerita Creek



National Flood Insurance Program (NFIP) City's and County's Roles

NFIP established in 1968 to address the rising costs of federal disaster assistance.

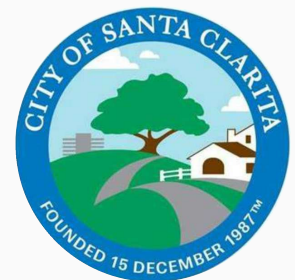
- Map flood risks
- Lessen flood risk
- Provide flood insurance

FEMA administers the NFIP

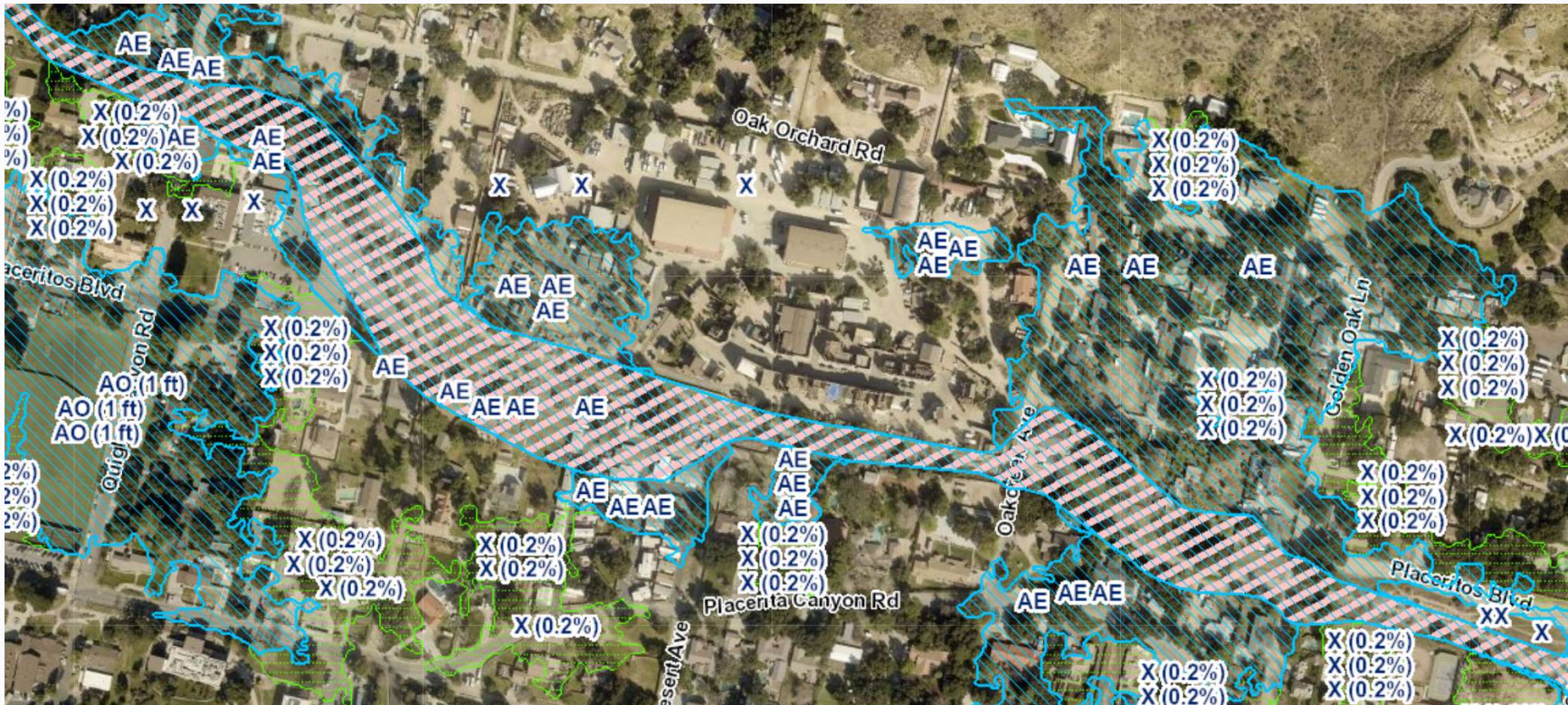


Los Angeles County (unincorporated areas) and most cities in the County joined the NFIP in the 1980s – 1990s

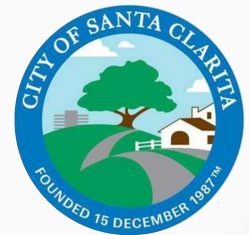
Cities are the NFIP administrators for their communities



FEMA Flood Zones Placerita Canyon City of Santa Clarita








- Zones AE, AO (1% Annual Chance (100-Yr) Flood Areas)
- Regulatory Floodway within Zone AE (Most Restrictive)
- Zone X-Shaded (0.2% Annual Chance (500-yr) Flood Area)
- Zone X (outside 500-Yr Flood Area)



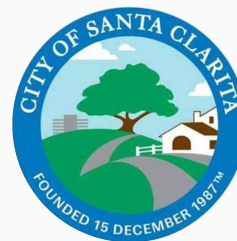
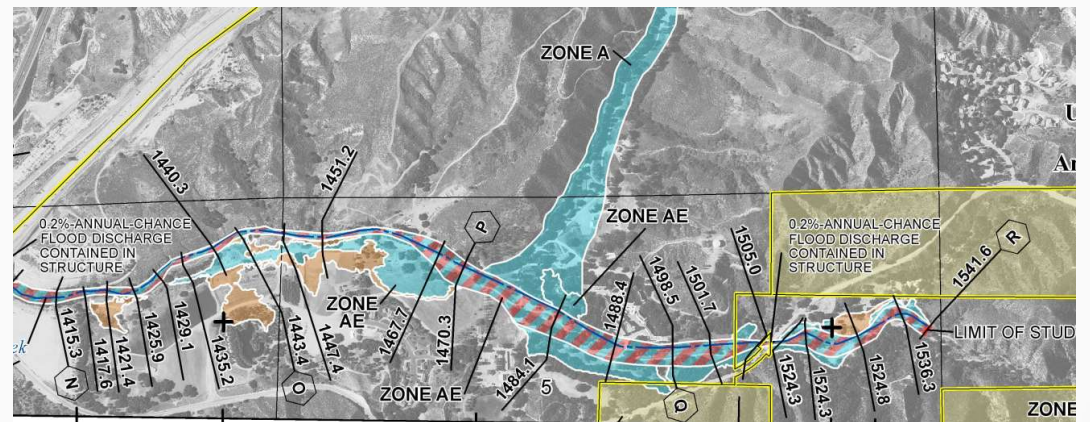
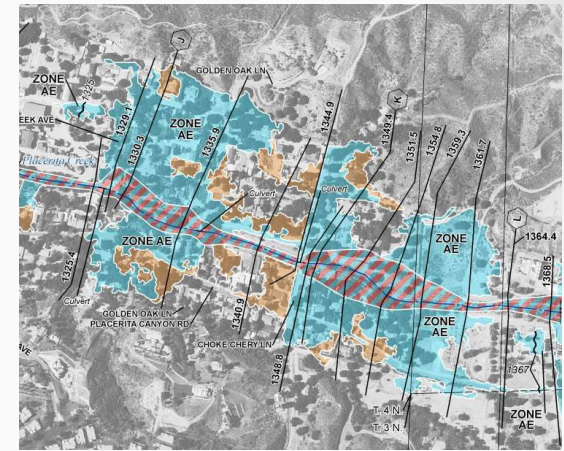
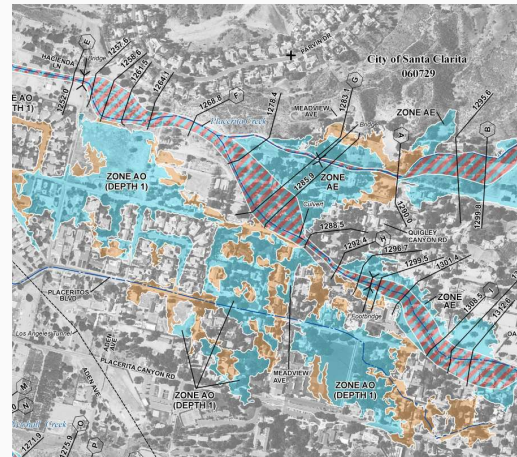
FEMA Flood Zones Placerita Canyon - Unincorporated



-  Zone A, AE (1% Annual Chance (100-Yr) Flood Areas)
-  Regulatory Floodway within Zone AE (Most Restrictive)
-  Zone X-Shaded (0.2% Annual Chance (500-yr) Flood Area)
-  Zone X (outside 500-Yr Flood Area)
-  Zone D (Possible but Unknown Flood Risk)

FEMA Flood Insurance Rate Maps

- Flood Insurance Rate Maps delineate zones of flood risk, especially severe flood risk areas (**Special Flood Hazard Areas**).
- The Maps are used for:
 - Identifying properties in Special Flood Hazard Areas that may have federal mandates to have flood insurance
 - Regulating development in floodplains



FEMA Special Flood Hazard Areas Placerita Canyon

Special Flood Hazard Areas (SFHAs)

- Area covered by Base Flood (1% annual chance of flood – “100-yr flood”).
- NFIP’s floodplain management regulations are enforced by LA County in unincorporated areas.
- Zone A – No Base Flood Elevation identified.
- Zone AE – Base Flood Elevation identified.
- Zone AO – Base Flood depths identified.



Flood Insurance Requirements

Flood Insurance Requirements in SFHAs (Zones A, AE, AO)

- Required for structures with federally-backed loans
 - Mortgages
 - Small Business Administration (SBA) loans
- Required *in perpetuity* for structures receiving FEMA Grants

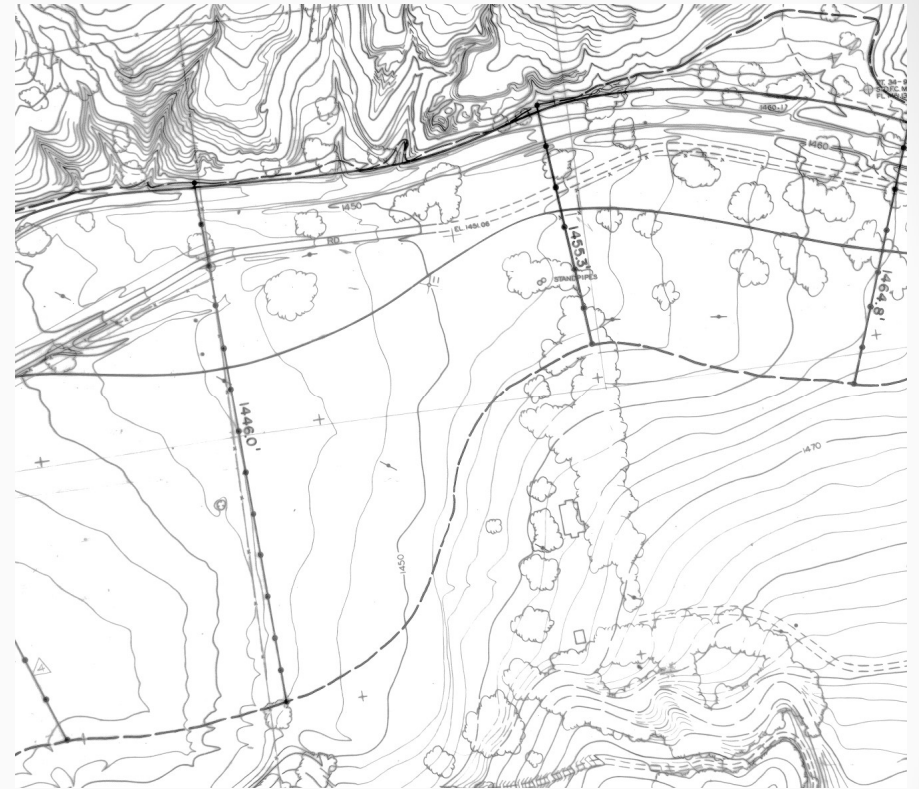
Flood Insurance Requirements Outside SFHAs

- Zone X-Shaded (0.2% annual chance): Moderate flood risk. Not federally required , but a lender may require.
- Zone X: Minimal flood risk. Not federally required , but a lender may require.
- Small Business Administration (SBA loans) – required for the life of the loan.



County Floodway Maps Unincorporated Placerita Canyon

- County Floodway Maps delineate the zones of flood risk associated with the County Capital Storm.
- The Maps are used for:
 - Regulating development in floodplains (County only)
- The maps are not used for government flood insurance mandates



Know Your Risk City of Santa Clarita

<https://santaclarita.gov/engineering-services/floodplain-management/>



City of
SANTA CLARITA

Departments

Services



Floodplain Management

Home » Engineering Services » Floodplain Management

Engineering
Services

Elevation
Certificates

ENGINEERING
SERVICES PLAN
REVIEW
APPLICATION FORMS

**Floodplain
Management**

General
Information

Map Modernization
and Flood
Insurance Rate
Maps

Welcome to the City of Santa Clarita's Floodplain Management Site

**To determine if your property is in a Special Flood Hazard Area:
(Please read all instructions carefully)**

- Click on the 'Start your search' link below. On the new screen, click on the 'Search here' input field on the top left.'
- On the drop down, select a method to start your search; house number, Assessor's parcel number or the street intersection
- Enter your search information in the box on the left hand side, click the magnifying glass to begin your search. Some options provide a drop down list of searches matching your criteria. In this instance click on the applicable result, then click 'Search'
- Your selection will be identified by a blue box
- Click on the 'Layer List' on the tool bar to the left (Three squares stacked on top of each other)
- Click on the arrow sign to the left of 'Hazard' for a drop down list
- Click on the 2nd box called 'Flood Zone (DFIRM)' and add a check mark to the option
- View your location in the map. If a color overlays your property, view the flood zone designations that are color coded to their respective zones
- Development in 'A, AE, AH, AO' zones is required to be regulated

[Start your search](#)



Sand Canyon Mobile Home Park 2005 Flood Damage

Know Your Risk Los Angeles County

Get the FEMA Flood Zones for your property at:

<https://waterforla.lacounty.gov/flood-preparedness/>



The screenshot shows the "Flood Zone Determination" website interface. At the top, there is a search bar labeled "Enter Address or Parcel No." and a "Sign in" button. Below the search bar is a navigation menu with "Tools", "Flood Insurance Study", and "Help". A toolbar contains various map navigation tools like Home, Show Layers, Identify, Clear Selection, Pan, Zoom In, Zoom Out, Initial View, Previous Extent, Bookmarks, Line, Distance, and Erase. The main map area displays a topographic map with various flood zones overlaid, including AO (1 ft) and D zones. Labels on the map include "PINE CANYON RD", "LAKE HUGHES", "ELIZABETH LAKE RD", "Devere Ct", "Newvale Dr", "Noblett Dr", "High Rd", "Log Cabin", "Lakeshore Dr", "Austin Wy", "Newview Dr", and "Lake Hughes Trk". On the left side, there is a sidebar with a "Home" button and a "Welcome to Los Angeles County's Flood Zone Determination Website" section. Below this, there is a paragraph of text explaining the website's purpose and a "FEMA Flood Zones" section with a paragraph of text. At the bottom of the sidebar, there are "Home" and "Layers" buttons. The bottom of the map area shows a scale bar (Scale 1: 9,028) and a scale in feet (0, 300, 600ft). The footer of the map area reads "Los Angeles | Los Angeles County Office of the Assessor | Michele Fe..."

Know Your Risk (cont.)

Or get your FEMA Flood Zones at:
<https://msc.fema.gov/portal/home>

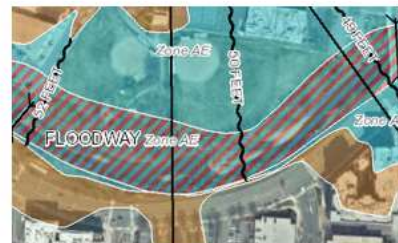


FEMA Flood Map Service Center: Welcome!

Looking for a Flood Map? [?](#)

Enter an address, a place, or longitude/latitude coordinates:

Search



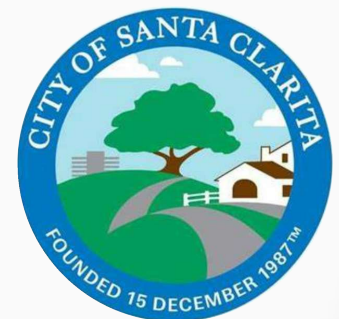
Looking for more than just a current flood map?

Visit [Search All Products](#) to access the full range of flood risk products for your community.

About Flood Map Service Center

The FEMA Flood Map Service Center (MSC) is the official public source for flood hazard information produced in support of the National Flood Insurance Program (NFIP). Use the MSC to find your official flood map, access a range of other flood hazard products, and take advantage of tools for better understanding flood risk.

FEMA flood maps are continually updated through a variety of processes. Effective information that you download or print from this site may change or become superseded by new maps over time. For additional information, please see the [Flood Hazard Mapping Updates Overview Fact Sheet](#)



Consider Flood Insurance Options

No Area is completely free of flood risk.

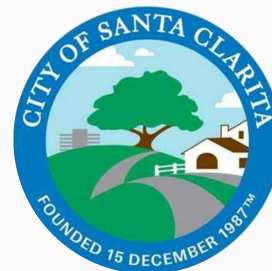
Most homeowners' insurance policies do not cover flood damages.



FEMA



[Go to https://floodsmart.gov](https://floodsmart.gov)



Consider Flood Insurance Options

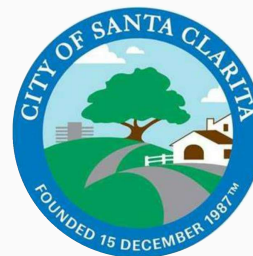
Flood Insurance

Used to be available only through NFIP – private alternatives now available

Required for buildings in 100-yr flood zone with federally-backed loans or FEMA grants

New rating system (Risk Rating 2.0)

- Premiums based on multiple factors, complex calculations, not Flood Zone
 - Unique to individual property/structure
- CRS discounts apply to properties in all flood zones

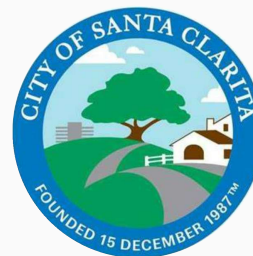


Flood Insurance Coverage (NFIP Policies)

Maximum Coverage

Single Family Home:	\$250,000 structure \$100,000 contents
Residential Manufactured/ Mobile Home	\$250,000 structure \$100,000 contents

Renters can also get flood insurance

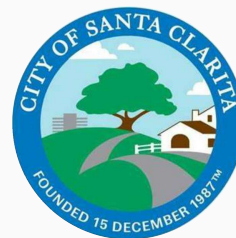


Flood Insurance Coverage (NFIP Policies)

Maximum Coverage – Non-Residential

Non-Residential Building: \$500,000 structure
\$500,000 contents

Non-Residential Unit: \$0 structure
\$500,000 contents

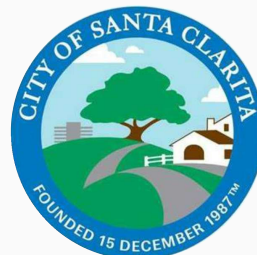


Flood Insurance Coverage (NFIP Policies)

What's Covered

- Personal property in building
- Equipment
- Self-propelled vehicles/machines not licensed for road use (e.g., wheelchairs)
- Parts and equipment as open stock
- Commercial contents
- Personal property removed to safety at another location to protect it from flood or imminent danger of flood for a period of 45 days.

Basements: Coverage is limited for improvements (finished walls/floors/ceilings) and personal belongings.



Flood Insurance Coverage (NFIP Policies)

What's **not** covered

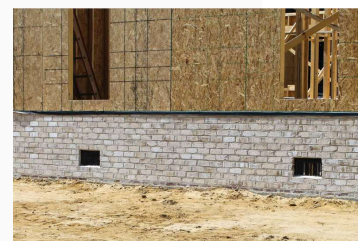
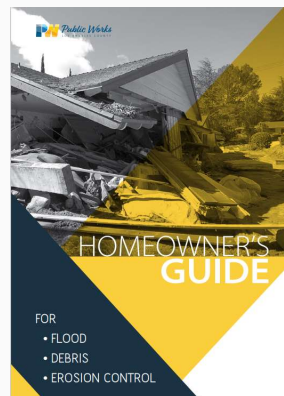
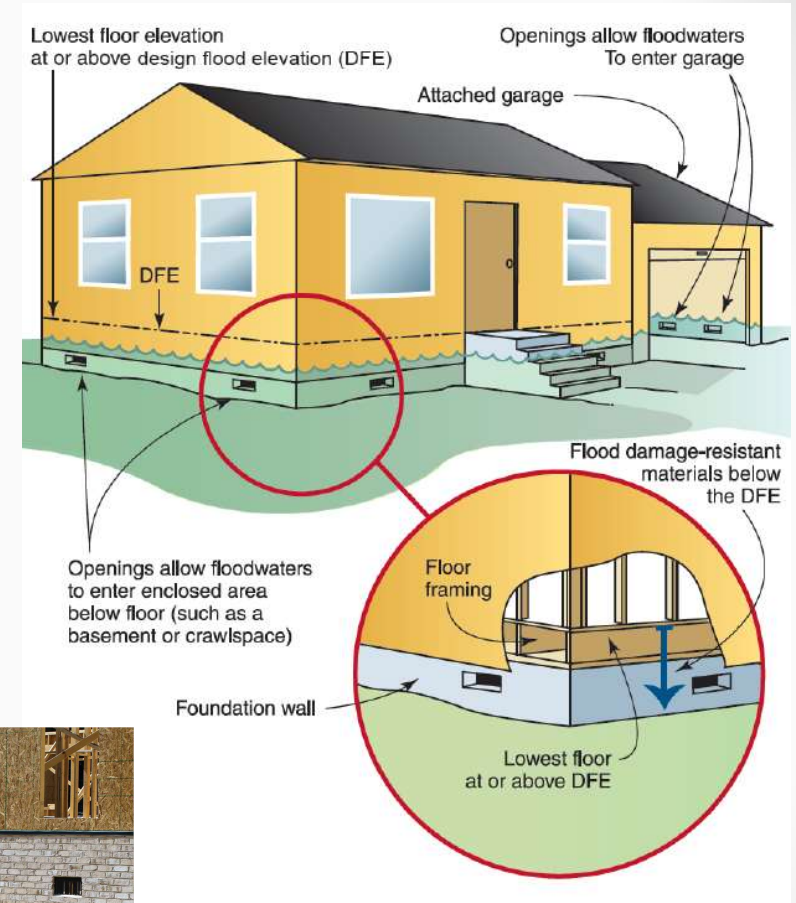
- Automobiles
- Motorcycles
- Motorized equipment
- Customers' goods*

* *Coverage for customers' goods need to be covered under a separate Bailee's customer insurance policy*



Protect Your Property

- Consider implementing flood resiliency measures on your structures
- Engage a drainage/erosion control specialist to develop interim and long-term drainage measures on your property
- Go to <https://waterforla.lacounty.gov/flood-preparation/>
- Installing measures and cleaning up on-site debris are the property owner's responsibility
- Hire licensed, bonded contractors and professionals



Requirements for Flood Openings
in Foundation Walls and Walls
of Enclosures

Below Elevated Buildings in Special Flood Hazard Areas
In Accordance with the National Flood Insurance Program
NFIP Technical Bulletin 1 / March 2020

Emergency Preparedness City of Santa Clarita

<https://santaclarita.gov/emergency-management/preparedness-information/#guidance>



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Emergency Preparedness Information

Emergency Preparedness is planning how to respond when an emergency or disaster occurs and working to gather the resources to respond effectively. These activities help save lives and minimize damage by preparing people to respond appropriately when an emergency is imminent or hits.

The following pages provide valuable information for you to increase your awareness and preparedness on what to do in the event of a specific emergency or disaster. Be prepared for an earthquake, wildfires, storms, hazardous materials, power outages and more. Take the time and prepare your family, friends and business associates... prepare today for tomorrow's emergencies!

Skip to:

[EMERGENCY GUIDANCE](#)

[NIXLE ALERTS](#)

[IMPORTANT LINKS](#)

[HAZARD MITIGATION](#)

Emergency Preparedness Los Angeles County



Go to <https://ready.lacounty.gov>



1. HAVE A PLAN



2. KEEP SUPPLIES



3. STAY INFORMED



4. GET INVOLVED

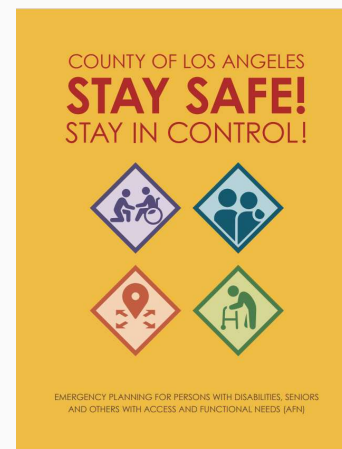
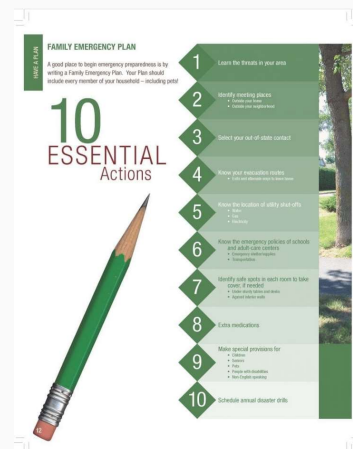
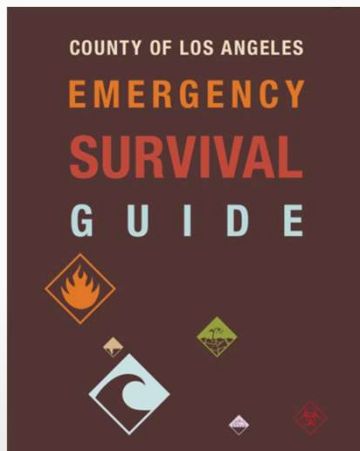
Prepare Emergency Plans for Your Family

Go to <https://ready.lacounty.gov/have-a-plan/> for references including:

- ***Emergency Survival Guide***
- ***Family Emergency Plan***
- ***Household Communication Plan***
- ***Animal Preparedness***
- ***Large Animals and Horses***
- ***Individuals in Need of Special Assistance***



1. HAVE A PLAN



Prepare an Emergency Kit

<https://ready.lacounty.gov/keep-supplies/>

- Water for 7- 10 days (1 gallon per person per day)
- Food for 7- 10 days
- Don't forget water and food for pets!
- First-aid kit; sanitation & hygiene supplies
- Flashlights (with extra batteries)
- Radio (with extra batteries)
- Medications; don't forget pets
- Clothing and sturdy shoes
- Tools (gloves, wrench, duct tape, fire extinguisher, whistle, etc.)



2. KEEP SUPPLIES

Monitor Conditions City of Santa Clarita

<https://readyforrain.santa-clarita.com>



Ready for Rain! ▾ What the City is Doing What You Can Do FAQ: Fire Burn Areas ▾ Receive Emergency Alerts Related Resources

Ready for Rain!

BE PREPARED FOR HEAVY RAINS



CURRENT ALERT STATUS:
GREEN
No evacuation orders in effect.

For updates on the heavy rainfall and current evacuations, please visit santaclaritaemergency.com

Who Needs to Be Prepared?

This website is dedicated to provide vital tips and information for Santa Clarita residents that live or work near fire burn areas that may be susceptible to mud or debris flows during heavy rains. However, we encourage all residents to use this website to learn about what to do before, during and after inclement weather such as heavy winds or rains.

Since recently burned areas do not have matured vegetation, the top soil can wash off and potentially create destructive mudflow downslope from fire burn areas.

For the next three to five years, the fire has made homes in following burn areas susceptible to sudden water, mud and debris slides.

Where Are the Fire Burn Areas in Santa Clarita?

On October 24, 2019, the **Tick Fire** started near Tick Canyon Road, traveled parallel to the southbound Antelope Valley (14) freeway and burned more than 4,000 acres.

On July 22, 2016, the **Sand Fire** started near the Sand Canyon Road along the northbound Antelope Valley (14)

DURING AN EMERGENCY, PLEASE CALL 9-1-1

SIGN UP FOR ALERTS



TEXT SCEMERGENCY TO 888-777

DOWNLOAD THE READY FOR RAIN EMERGENCY CONTACT LIST

LEARN MORE ABOUT THE COLOR ALERT SYSTEM FIRE BURN AREAS EVACUATION STATUS



Monitor Conditions Los Angeles County

<https://ready.lacounty.gov/stay-informed/>

Use multiple mass notification communication tools:

- Register with **ALERT LA County**
- Enable **Wireless Emergency Alerts (WEAs)** on your cell phone
- Watch/listen for **Emergency Alert System (EAS)** on TV and radio programs
- Look into getting a **Weather Radio** for alerts from the Los Angeles/Oxnard National Weather Service Office.



3. STAY INFORMED



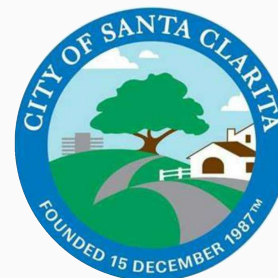
Stay Alert

Anticipate potential hazards:

- Water, mud and/or debris on roads and streets
- Downed trees or fallen limbs
- Power and traffic signal outages



3. STAY INFORMED



Stay Informed



Weather Conditions:

<https://www.weather.gov/lox/>



Road Closures:

City: <https://santaclaritaemergency.com/current-road-closures/>

County: <https://pw.lacounty.gov/roadclosures/>



Sandbags:

City: <https://readyforrain.santa-clarita.com/free-sandbags/>

County: <https://pw.lacounty.gov/dsg/sandbags/>



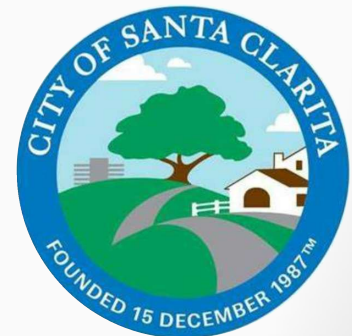
Tree Safety:

City 24-Hour Hotline: (661) 260-2222

County Public Works Dispatch: (800) 675-HELP (4357)



3. STAY INFORMED

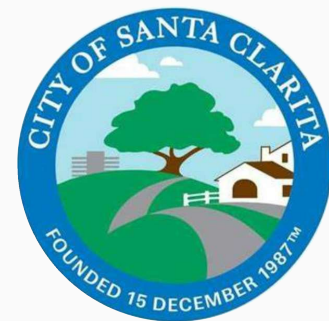


During Storm Events

- Monitor local radio and TV for weather conditions.
- Be prepared to evacuate. Know alternative routes.
- Never enter moving water.
 - Stay out of riverbeds, flood channels, flooded roads/streets
- Don't try to cross flooded areas
- **Stay away from downed powerlines**



3. STAY INFORMED



Get Involved Los Angeles County

- In major disasters, **more than 9 of every 10 victims are rescued by neighbors**, not professional responders.
- Free training resources and volunteer opportunities in Los Angeles County to help you and your community get ready to help during a disaster.

(888) CERT-939



4. GET INVOLVED



Get Involved City of Santa Clarita

<https://santaclarita.gov/emergency-management/get-involved/>



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- [Special Needs Registry](#)

Santa Clarita CERT Program

In this disaster preparedness course, you will learn about the potential effect of extreme emergencies and disasters on transportation, utility services, communications, availability of food, water, shelter and fuel and emergency services. In addition, this course will teach you how you can prepare in advance to improve the quality of your survival, reduce damage from hazards and help others. Particular focus will be placed on assembling and maintaining a disaster supply kit that will meet your individual or family needs.

This course is free and offered to anyone who lives or works in the Santa Clarita Valley or surrounding areas.

Fall 2024 Class Information

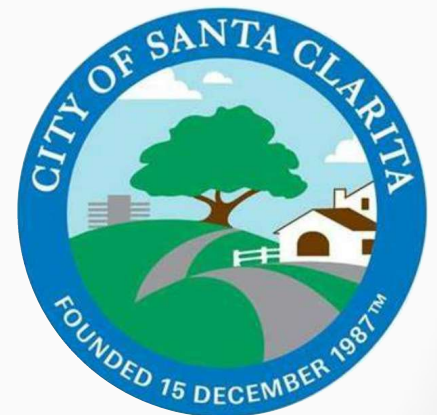
- Friday, November 15, 4:30 p.m. – 9:30 p.m. at the Santa Clarita Aquatic Center Classroom (20780 Centre Pointe Pkwy, Saugus, CA, 91350)
- Saturday, November 16, 9:00 a.m. – 5:00 p.m. at the Santa Clarita Aquatic Center Classroom (20780 Centre Pointe Pkwy, Saugus, CA, 91350)
- Sunday, November 17, 9:00 a.m. – 5:00 p.m. at the Santa Clarita Activities Center – Oak Room (20880 Centre Pointe Pkwy, Saugus, CA, 91350)

Register for Fall CERT 2024

REGISTER

What to Know About Flood Risk

Thank You!



Contact Information – Placerita Canyon City of Santa Clarita

Flood Risk/Floodplain Information

Raymond Abdel Messih

Senior Engineer

Rmessih@Santa-Clarita.com

(661) 255-4914

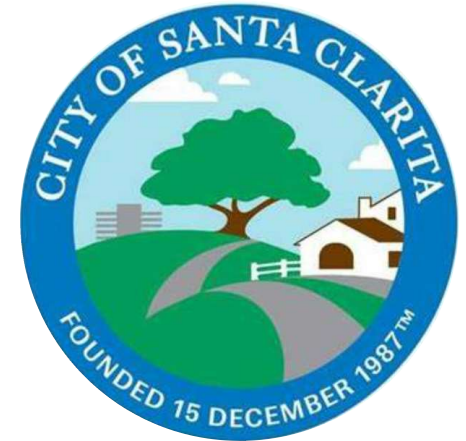
Building Permits

City of Santa Clarita Building and Safety

23920 Valencia Blvd, Suite 140, Santa Clarita, CA 91355

Office Phone: (661) 255-4935

E-mail: Buildingpermits@santaclarita.gov



Presentation will be posted at City's Engineering Services website:

<https://santaclarita.gov/engineering-services/floodplain-management/>

Contact Information – Placerita Canyon Los Angeles County Public Works

Flood Risk/Floodplain Information

Patricia Wood, P.E.

Senior Civil Engineer

pwood@pw.lacounty.gov

(626) 458-6131

Building Permits

Santa Clarita Permit Center

23757 Valencia Boulevard

Santa Clarita, CA 91355

(661) 222-2940

Presentation will be posted at Public Works' website:

<https://pw.lacounty.gov/wmd/nfip>