



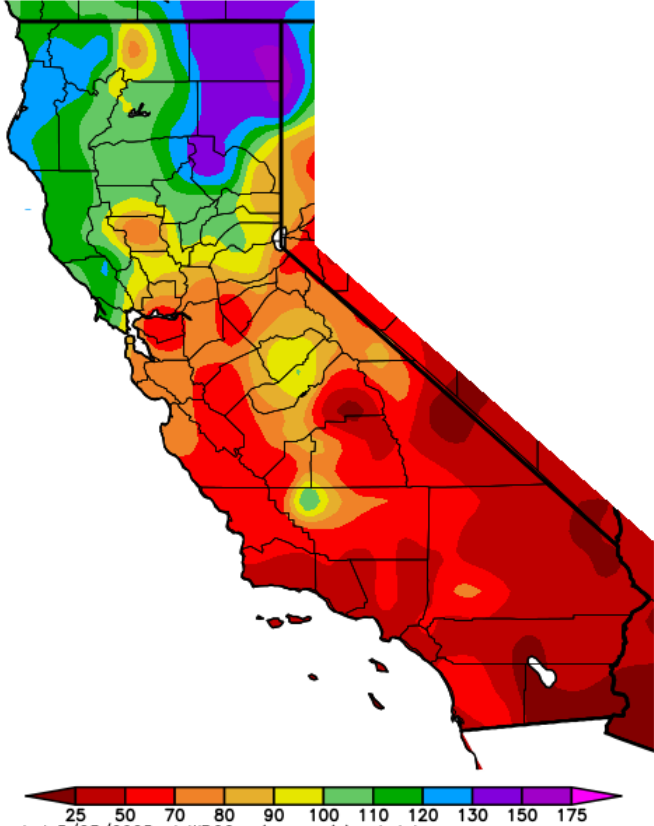
2025 Wildfire Preparedness Update

Sonoma County Board of Supervisors

June 3rd , 2025

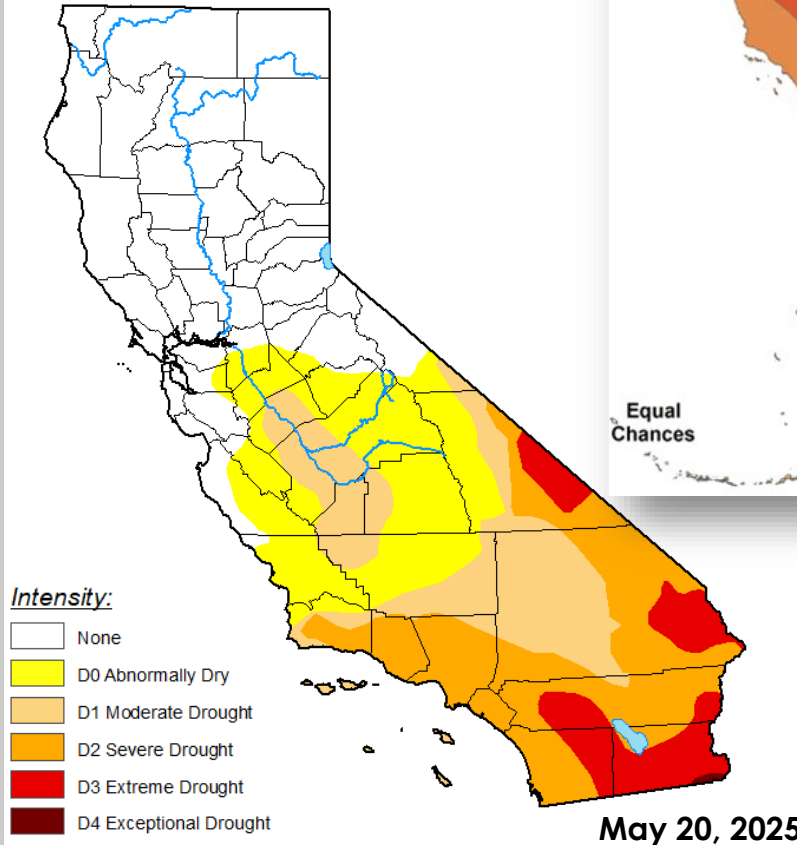
Fire Season Outlook

Percent of Average Precipitation (%)
10/1/2024 – 5/22/2025



Generated 5/23/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

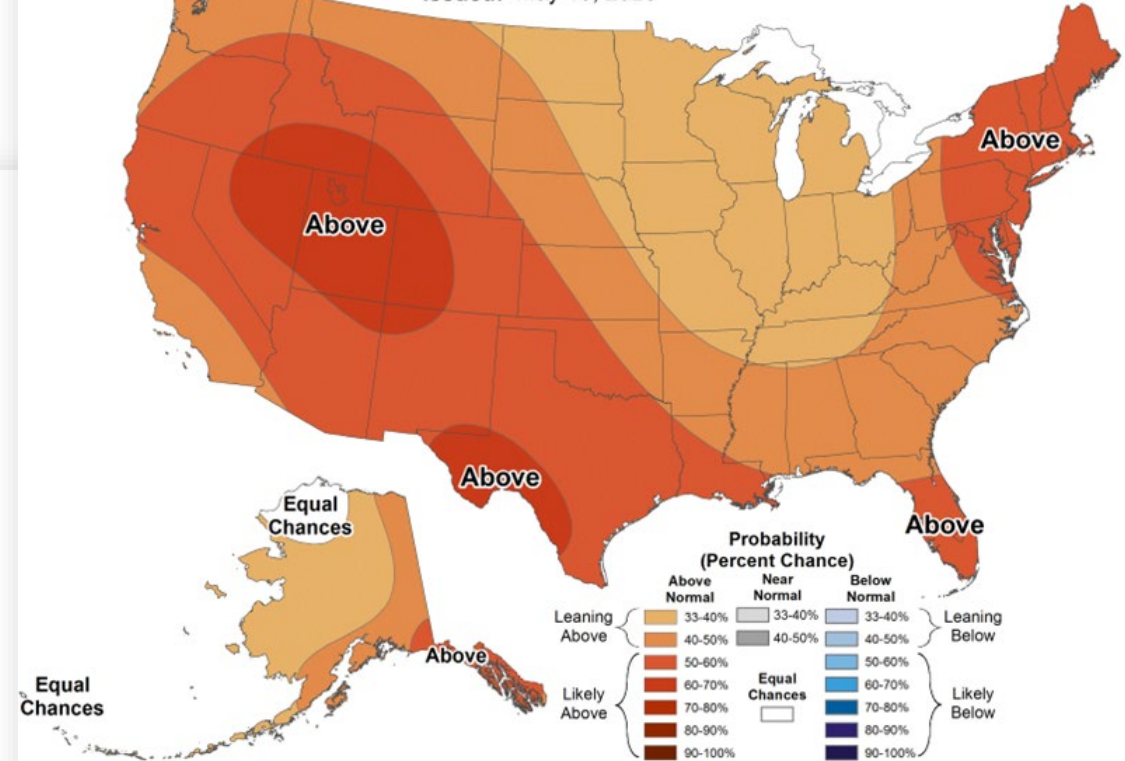
U.S. Drought Monitor



Seasonal Temperature Outlook



Valid: Jun-Jul-Aug 2025
Issued: May 15, 2025



January 5, 2025

from
NWS Los Angeles/Oxnard



**Extreme Fire Conditions
Widespread Damaging Winds**

Tuesday through Friday

Most of LA and Ventura Counties

Extreme Risk – Take Action

Updated Sunday January 5, 2024

Widespread damaging winds and low humidities will likely cause fire starts to rapidly grow in size with extreme fire behavior



Most of LA and Ventura Counties



Widespread damaging wind gusts **50-80 mph**. Isolated **80-100 mph** for mountains/foothills. **Downed trees and power outages**



Low humidity and very dry vegetation



Use extreme caution with any potential ignition sources



Stay alert to the forecast and follow instruction from emergency officials. Ready, Set, Go! [Readyforwildfire.org](https://www.readyforwildfire.org)



minor

moderate

major

extreme

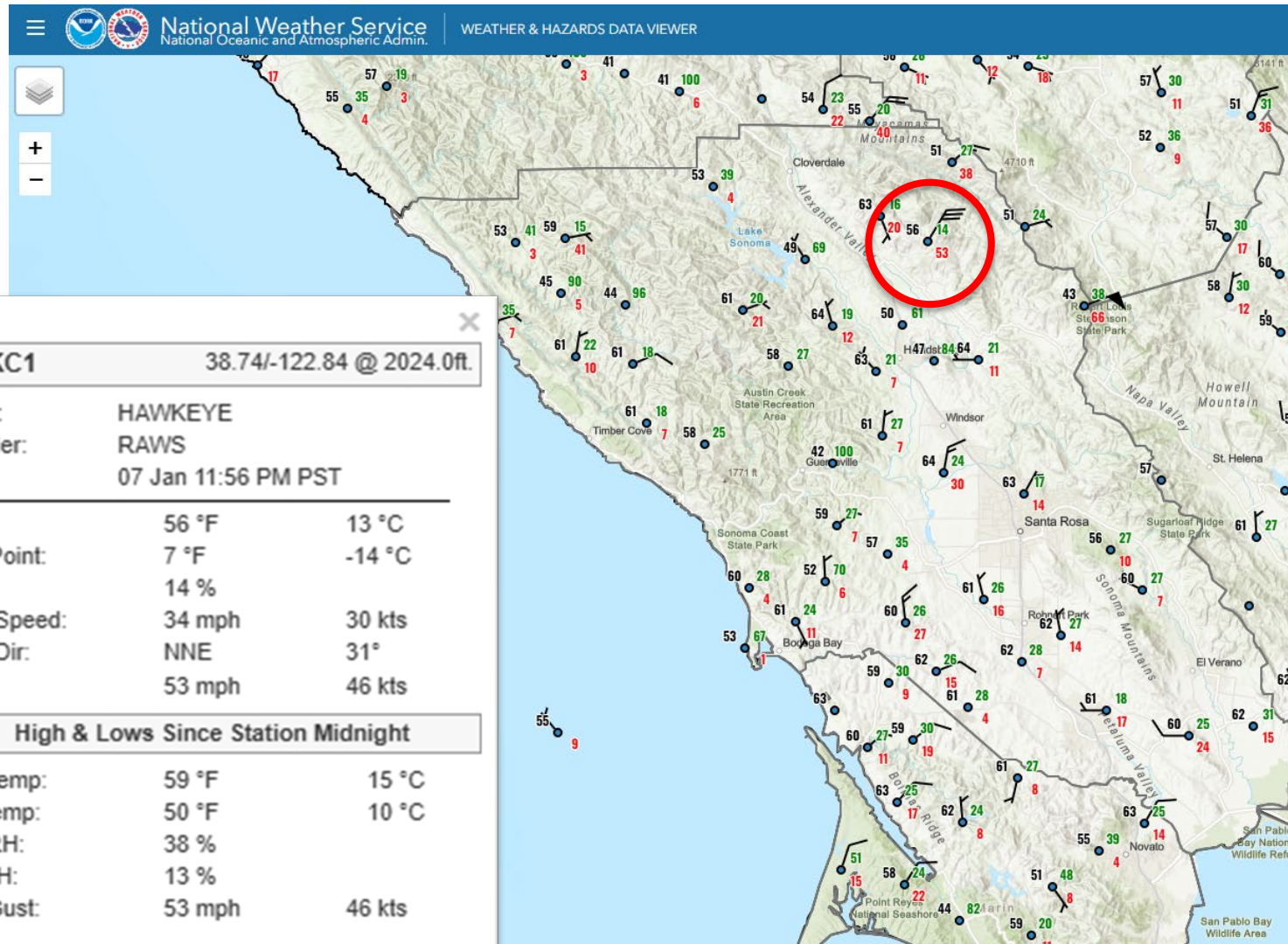
@NWSLosAngeles   

www.weather.gov/losangeles



January 7, 2025

June 20, 2024 Update. Fixed various bugs. This is the latest stable version.



Fire Weather Snooper

ARCHIVE: Tue Jan 07 2025 23:00 (Pacific Standard Time) Flirting Stations: 4 Red Flag Stations: 4 Total

Station	Time	RH	Wind†	Duration	Temp	Fuel	Elev	Zone
Hawkeye	10:56PM	14%	NE35G50mph	10 15	56	8	2024.0	CA504
Srfd Newgate Court	10:16PM	22%	NNE8G42mph	0 10	63	8	870.0	CA506
Napa	10:54PM	26%	N29G41mph	4 9	62		33.0	CA506
Knoxville Creek	10:09PM	31%	NNE18G38mph	1 12	52		2200.0	CA264
Santa Rosa	10:29PM	20%	SSE5G37mph	1 7	63	8	599.0	CA506
Lake Co Raws1	8:10PM		NE16G33mph	0 0	44	11	4724.0	CA264
Oak Ridge	10:33PM	15%	N14G31mph	2 5	60	10	1890.0	CA503
Atlas Peak	10:29PM	32%	N15G31mph	0 2	53	8	1934.0	CA504
Co Line	10:36PM	35%	N18G31mph	0 4	51		2085.0	CA264
Srfd Harville Rd	10:15PM	23%	NNW12G27mph	0 2	64		420.0	CA506
High Glade Lookout	10:36PM	23%	N10G22mph	0 13	44	8	4807.0	CA277
Santa Rosa	10:53PM	31%	N9G22mph	0 2	61		125.0	CA506
Lyons Valley	10:01PM	16%	NE16G21mph	8 12	54		3355.0	CA264
Srfd Los Alamos Rd	10:16PM	20%	WSW6G18mph	0 0	63	7	708.0	CA504
Srfd Station 1	10:12PM	23%	ENE3G15mph	0 0	64	8	180.0	CA506
Konocti	10:57PM	24%	ESE5G14mph	0 2	54	7	2163.0	CA264
Srfd Llano Rd	10:14PM	25%	NNE7G13mph	0 3	63	7	95.0	CA506
Petaluma AP	10:55PM	22%	N0G12mph	0 4	61		89.0	CA506
Elk Mountain	10:33PM	27%	NNE3G8mph	0 0	46	8	3740.0	CA277
Srfd White Oak Drive	10:16PM	25%	WNW1G8mph	0 0	59	9	1110.0	CA504
Soda Creek	10:21PM	98%	SSW1G5mph	0 0	37	25	1725.0	CA277



Fuels/Fire Danger

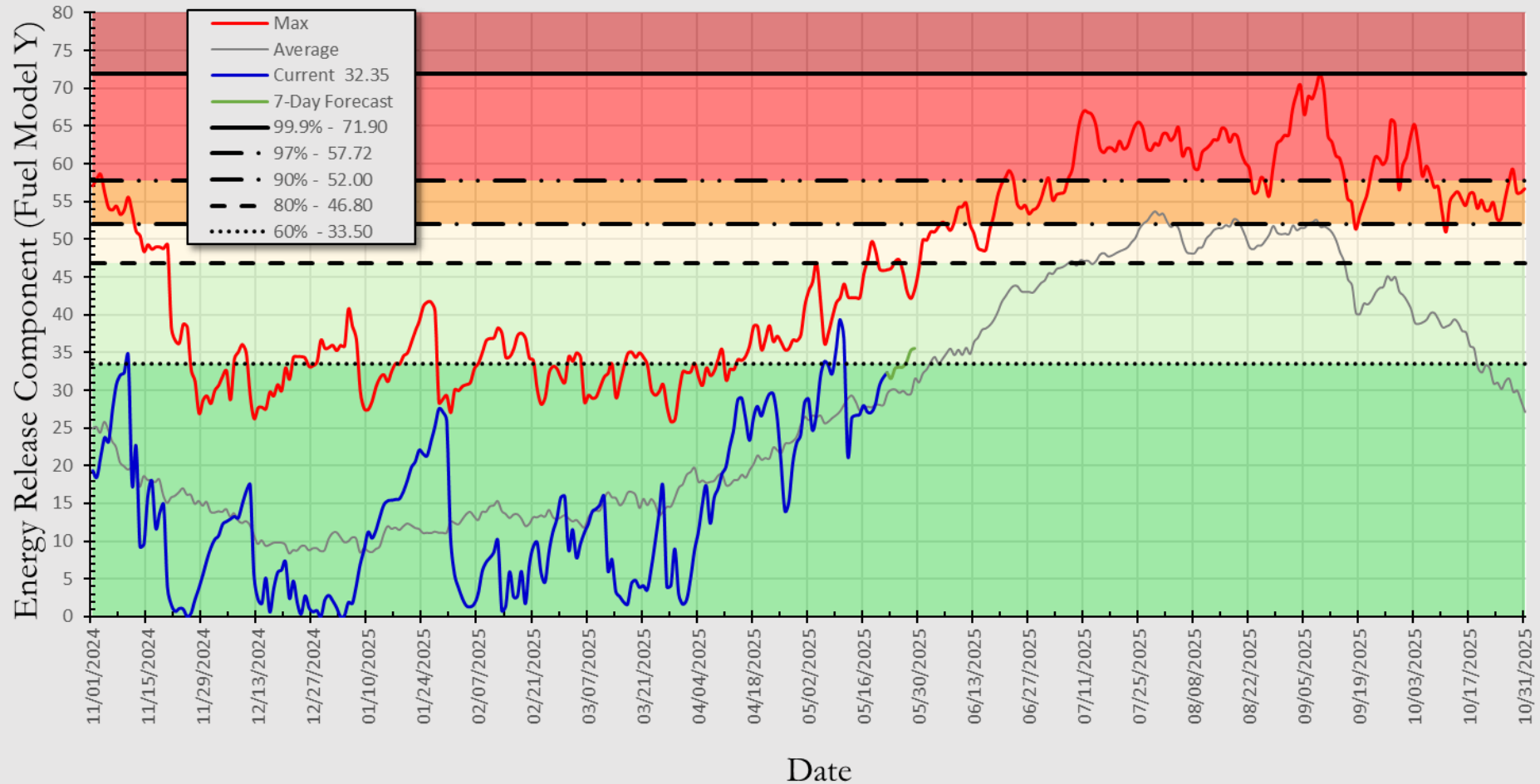


Climatology Years: 2000-2022

NC02 v.4 - Mid-Coast to Mendocino

Percentile Filter: 01/01-12/31

Valid Date: 05/22/2025

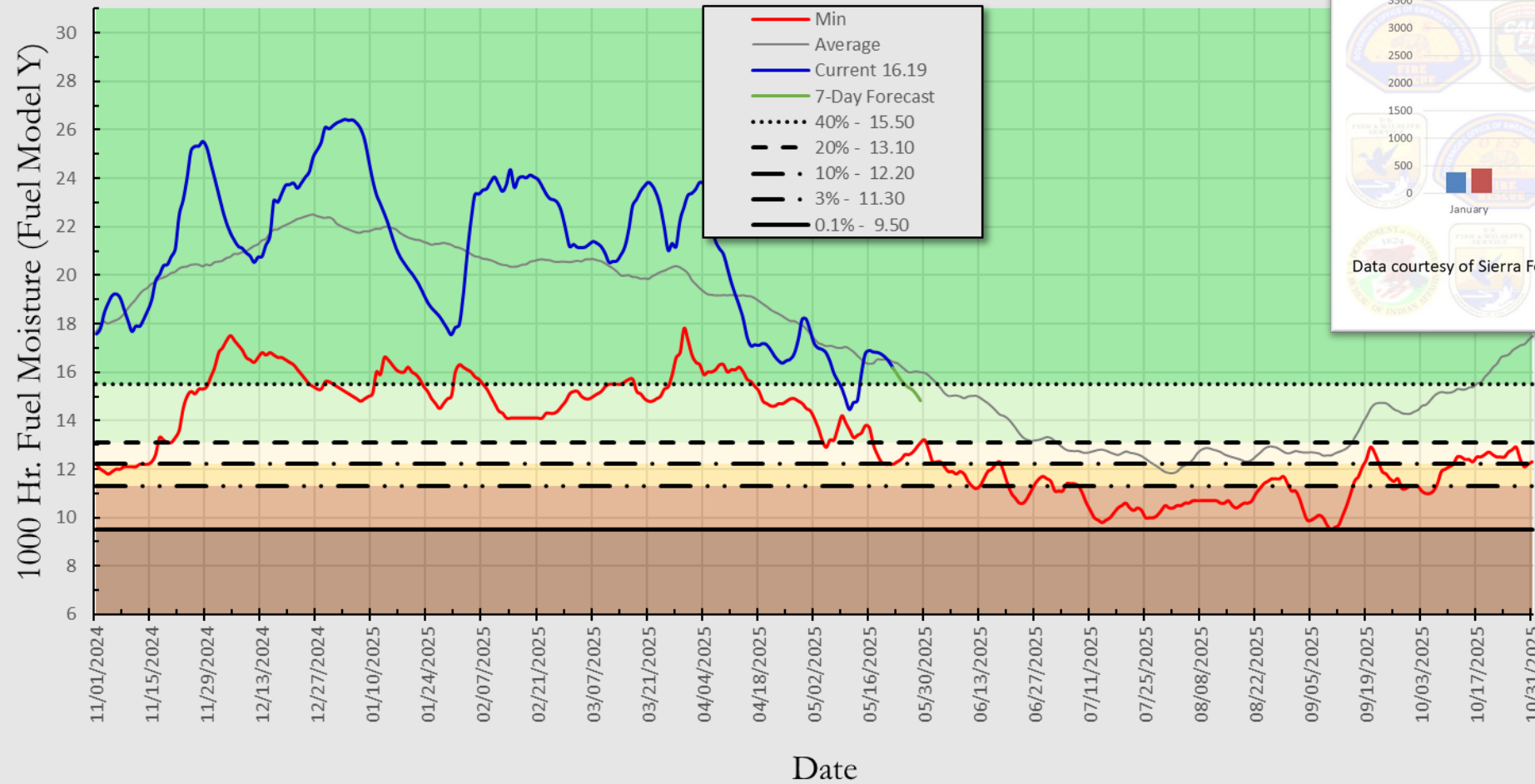


Fuels/Fire Danger

Climatology Years: 2000-2022

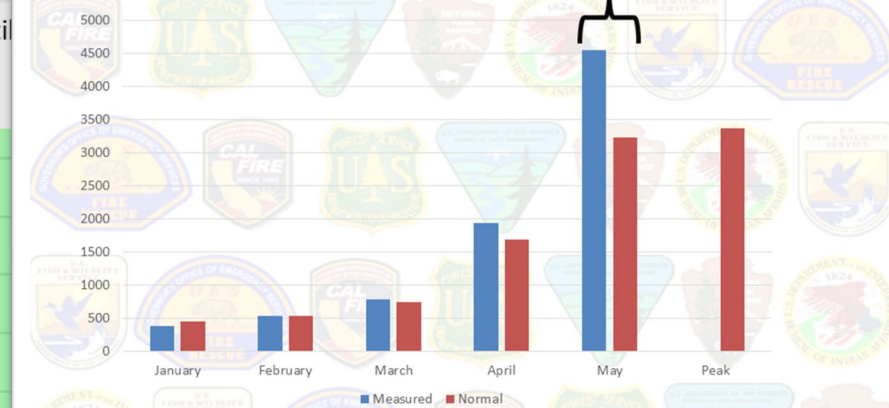
NC02 v.4 - Mid-Coast to Mendocino

Valid Date: 05/22/2025



Herbaceous Fuels

2025 Forage Growth Sierra Foothill Research & Extension Center



Data courtesy of Sierra Foothills Research Station – Browns Valley



Fire Season Outlook

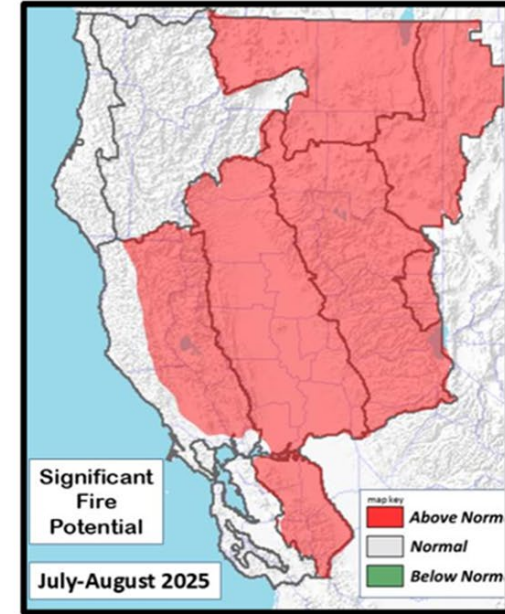
May - August 2025 North Ops Highlights

- Expecting warmer and drier than normal conditions from June through **August** with sufficient Marine Layer influences near the Coast.
- Noticeable May curing of **abundant herbaceous fuels combined with some dry-windy periods will increase the spread potential....**
- **Heightened flash drought potential** and impacts to both live & dead fuels likely this summer.

Northern Operations

MONTHLY/SEASONAL OUTLOOKS

ISSUED May 1, 2025 VALID May - August 2025

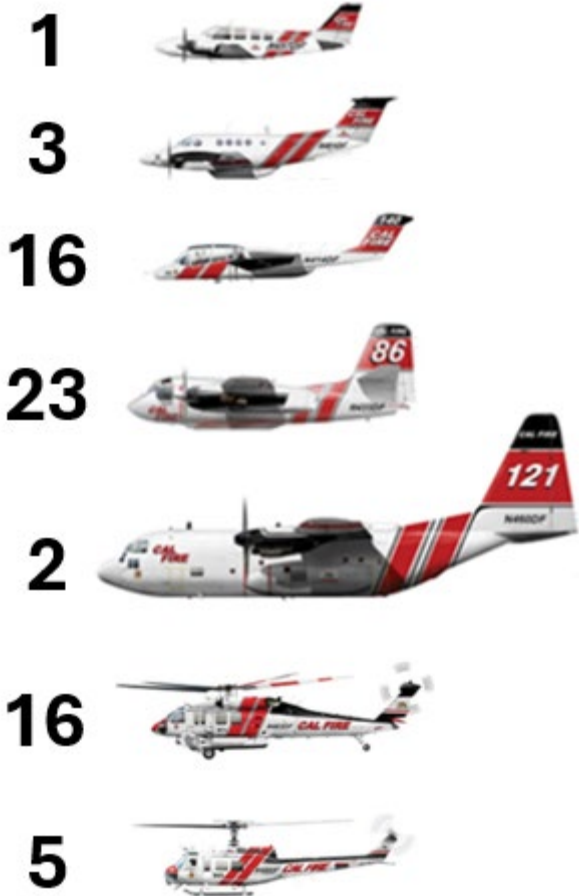


Preparedness – 2025 CAL FIRE Aviation Assets

McClellan Air Attack Base



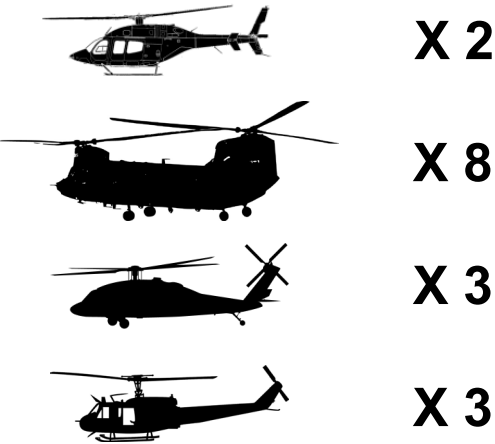
CAL FIRE Aircraft



Fresno Air Attack Base T-122



Exclusive Use Copters



Preparedness Sonoma-Lake-Napa Unit

- **Current Staffing**
 - 31 Engines, 5 Bulldozers
 - Hood Mountain Fire Center
 - SAAB - Air Attack 120, Tanker 86
 - Boggs Mountain Copter 612
 - 3 Crews each at Konocti and Delta
 - Napa County Airport EU Copter
- **6/17 All Resources Available**
 - SAAB - T85, EU Copter TBD
 - 6th Bulldozer online

Night Operations



Napa County Airport



Sonoma Air Attack Base



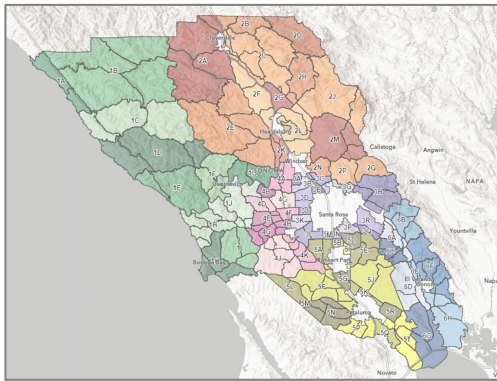
Preparedness - County Fire Agencies

- Operational Area Fire Coordinator
- Cal OES upstaffing
- Resource coordination with adjoining county operational area coordinators
- REDCOM Fire Duty Officer
- Weekly planning conference call
- Special resources
 - Sonoma County Fire District – Sonoma County 1
 - Fire Integrated Real-Time Intelligence System Plane (FIRIS)



Community Preparedness - Department of Emergency Management

- Wildfire & Earthquake Preparedness Event
- Community Evacuation Exercises
- Alert & Warning Exercise
- Social Media



Disaster Service Worker (DSW)- Department of Emergency Management

- County EOC/DSW Training:
 - Core EOC training
 - Tabletop Exercises
 - Lunch-n-Learns
 - Functional Exercise (June 26)
 - Temporary Evacuation Points (TEPs)
 - Mass Care & Shelter Training
 - Universal Disaster Intake Process (UDIP)
 - Countywide DSW Awareness Training
 - Operational Area Partners Meeting (July)



Vegetation Management - Permit Sonoma

Permit Sonoma Fire Prevention Chipper Program

- Residential Properties.
- Sonoma County Public Infrastructure assistance for roadside, hazard tree and disaster response
- Community projects with Fire-Wise and Fire Safe Sonoma.
- Fire District, Measure H, and support to Northern Sonoma County Fuels Crew

Sonoma County Code 13A, Defensible Space and Abatement

- Support Fire Districts in the enforcement and abatement of hazardous Vegetation.
- Create education materials to encourage defensible space and vegetation management.

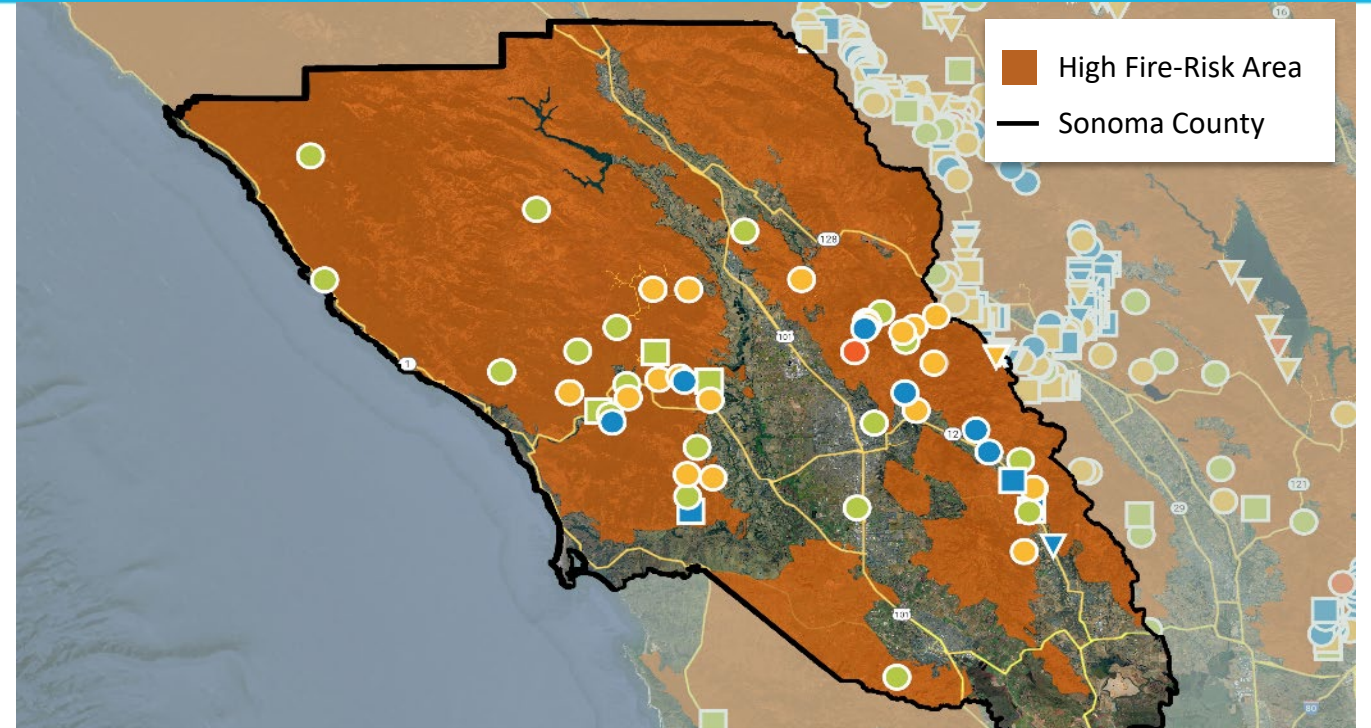


Undergrounding and System Upgrades in Sonoma County

	Undergrounding	Strengthened Poles and Covered Powerlines	Line Removal
Completed through 2024	7 Miles	69 Miles	6 Miles
Completed/ Forecast in 2025	2 Miles	-	<1 Mile
Forecast in 2026	<1 Mile	<1 Mile	-

Customers can see work in their area by visiting: pge.com/wildfiresafety-upgrades.

Data as of 4/1/25. This map is for illustrative purposes. Forecasts can change as our risk model evolves to address the greatest wildfire risk. Forecast miles also exceed annual targets. Mileage in a community may increase or decrease due to access, weather, permitting or other constraints. In most cases, if a project is not completed during the year originally identified, it will continue through planning/ construction phases during subsequent years. Mileage represents projects that will be energized in a given year. Construction for a project may begin before the year of energization and final property and road restoration work may occur after the year of energization.



- 2018-2024 Undergrounding Complete
- 2018-2024 Strengthened Poles and Covered Powerlines Complete
- 2018-2024 Line Removal Complete
- 2018-2024 Combination Hardening Complete
- 2025 Undergrounding Forecast
- 2025 Strengthened Poles and Covered Powerlines Forecast
- 2025 Line Removal Forecast
- 2025 Combination Hardening Forecast
- ▼ 2026 Undergrounding Forecast
- ▼ 2026 Strengthened Poles and Covered Powerlines Forecast
- ▼ 2026 Line Removal Forecast
- ▼ 2026 Combination Hardening Forecast

Layers of Wildfire Protection



Situational Awareness

- A New Tools and Technology:** Installed over 2,000 weather stations and high-definition cameras monitored by trained professionals to better predict and respond to wildfires and severe weather.



Operational Mitigations

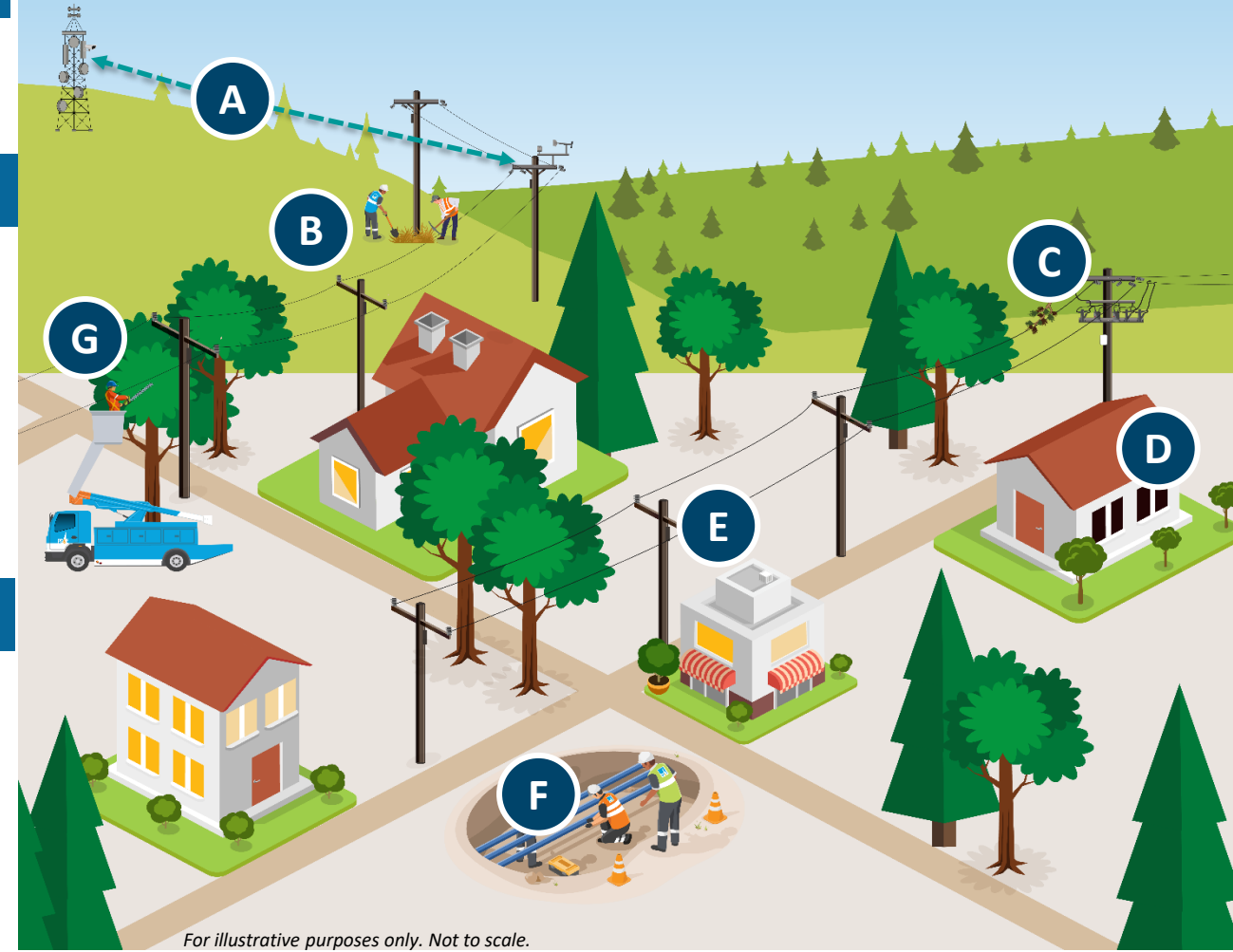
- B Safety and Infrastructure Protection Teams:** Deploying trained response professionals who protect PG&E equipment to increase safety and enhance community recovery.
- C Enhanced Powerline Safety Settings:** Installed on 44,000+ line miles and turned on during elevated wildfire risk to automatically shut off power within one-tenth of a second if a hazard is detected.
- D Public Safety Power Shutoff:** Turning off power for safety as a last resort during severe weather.



Resiliency Work

- E New, Upgraded Equipment:** Installing strengthened poles and covered powerlines across 1,900+ miles of overhead powerlines.
- F Undergrounding Powerlines:** Completing 10,000 miles of undergrounding in the highest wildfire risk areas.
- G Vegetation Management:** Removing or pruning 1 million+ trees per year to ensure they are a safe distance from powerlines.

Reducing Wildfire Risk in Your Community



Lake Sonoma Vegetation Management

- \$1.3M invested in the last 5 years on fire fuel reduction, including over 100 acres of fuel break clearing, pile burns of dead debris, chipping, mowing brush, pruning and clearance at Liberty Glen Campground and Lake Sonoma visitors center
- Over 10 miles of trail regrading for strategic fire breaks and emergency access
- Coordination with U.S. Army Corps and CalFire activities to target high public access areas and to align with control burn areas



Sonoma Water Wildfire Preparedness

- As a wholesaler, Sonoma Water coordinates with cities to respond to emergencies, such as wildfires
- Maintain power backup at critical facilities such as pumps
- Ensure storage for pressurization of system
- Fire cameras provide around the clock eyes on our water supply system
- FireSmart Lake Sonoma
- Supporting the Sonoma Wildfire Resilience Program



Ag Access Verification Program Update

- **Applications received: 750 (as of 04-25-2025)**
 - **Issued: 423**
 - 136 or 32% were issued to an Owner
 - 287 or 68% were issued to an Employee
 - 62 or 15% of total issued cards are for Livestock Producers
 - 311 or 74% of total issued cards are for Plant Agricultural Producers
 - 50 or 11% of total issued cards are for both
- **Pending: 28**
 - 20 approved by AWM; ready for issuance
- **Cancelled: 147**
 - 134 cancelled due to additional information requested by AWM not received
- **Denied: 20**
 - 10 denied due to duplicate application



Questions/Discussion

