

WILDFIRE PREPAREDNESS



Board of Public Utilities
July 21, 2022

Ron Marincic
Acting Deputy Director
Water & Sewer Operations

FIRE SEASON IS HERE!...(AGAIN)

Fire Department News

Posted on: June 6, 2022

Santa Rosa Fire Department Declares Official Start of Wildfire Season in Santa Rosa

The City of Santa Rosa Fire Department officially declares today, June 6, 2022, as the start of this year's wildfire season in Santa Rosa. Despite another round of late season rains, recent fire activity and above average temperature this week make the declaration necessary to help ensure the community is better prepared for an active fire season. Many residents have already taken proactive measures this season including the abatement of dry seasonal grasses and other vegetation management measures. Regrowth is likely, given yesterday's rain, and plans should be made to address any regrowth which will likely create a fire hazard later this season.



WHAT WE HAVE DONE

- ✓ BACKUP GENERATOR REPLACEMENTS AT 18 WATER/SEWER FACILITIES.
- ✓ 2 NEW PORTABLE GENERATORS.
- ✓ BELOW GROUND FIBER OPTIC PUMP STATION – RESERVOIR COMMUNICATION WHERE RADIO IS NOT APPLICABLE.
- ✓ WATER SYSTEM RELIABILITY STUDY.
- ✓ WATER SYSTEM RISK AND RESILIENCE STUDY.
- ✓ ABATEMENT.
- ✓ COMMUNICATION.
- ✓ DRILL.

MEETINGS / COMMUNICATION

- Water Operations Meeting – Monthly. Sonoma Water staff and all water contractors.
- Water and fire Operations Communications Meeting - bi-monthly. SR Fire and Local Water Operations staff.
- PG&E meeting - Monthly
- National Weather Service SF Bay area. Warning Coordination Meteorologist.
- Cal Fire
- PG&E Portal
- Inet
- Send Word Now





- Fire Home
- Chief's Corner
- Fire Notebook
- Fire Documents
- EMS
- Health and Safety
- Operations
 - Behavioral Health Resources
- Prevention
- Training
- Fire Facility Maintenance Log
- Fire Department Manuals
- Special Notices
- LEXIPOL
- Incident Press Releases
- FD Picture Library
- INET Learning
- INET Feedback
- Site Contents
- Recent
 - Water Dept Notices
 - E&R Customer Service Survey
 - Team and Transfer Request

+ new item or edit this list

All Items

Find an item

SAVE THIS VIEW

<div>✓</div> <div>Job Title</div>	Name of Reporting Party	Reporting Department	Incident Reported	Other Description	Location ID	Description of issue/problem	People Notified	Type of Notification	Other Notification Description	Date of Event Reported ↓	Date Returned to Normal Status
Utility System Superintendent	<div>...</div> <div> <div></div> <div>Marincic, Ron</div> </div>	Water	Other	Raising tank levels for upcoming Red Flag event	Sonoma County	pending red flag warning	<div> <div></div> <div>Restad, Anthony</div> </div> <div> <div></div> <div>Schiavone, Joe</div> </div> <div> <div></div> <div>Tibbals, Jason</div> </div>	Email		5/7/2021 11:00 AM	
Distribution Supervisor	<div>...</div> <div> <div></div> <div>Restad, Anthony</div> </div>	Water	Other	Reservoir 7 back in service	5547 Yerba Buena	Reservoir back in service	<div> <div></div> <div>Tibbals, Jason</div> </div> <div> <div></div> <div>Schiavone, Joe</div> </div> <div> <div></div> <div>Collins, Travers</div> </div>	Email		3/29/2021 12:00 AM	3/29/2021 12:00 AM
Distribution Supervisor	<div>...</div> <div> <div></div> <div>Restad, Anthony</div> </div>	Water	Water Station out of service	reservoir 12B back in service	461 Woodley Pl.	Reservoir back in service	<div> <div></div> <div>Tibbals, Jason</div> </div> <div> <div></div> <div>Schiavone, Joe</div> </div> <div> <div></div> <div>Collins, Travers</div> </div>	Email		3/29/2021 12:00 AM	3/29/2021 12:00 AM
Distribution Supervisor	<div>...</div> <div> <div></div> <div>Restad, Anthony</div> </div>	Water	Other	Power restored to Water Station 5	3785 Skyfarm Dr.	power restored to Water Station 5	<div> <div></div> <div>Tibbals, Jason</div> </div>	Email		3/11/2021 12:00 AM	3/11/2021 12:00 AM
Distribution Supervisor	<div>...</div> <div> <div></div> <div>Restad, Anthony</div> </div>	Water	Other	No power at Water Station 5	3785 Skyfarm Dr.	No power at Station 5	<div> <div></div> <div>Tibbals, Jason</div> </div> <div> <div></div> <div>Schiavone, Joe</div> </div>	Email		3/10/2021 12:00 AM	3/15/2021 12:00 AM
Distribution Supervisor	<div>...</div> <div> <div></div> <div>Restad, Anthony</div> </div>	Water	Water Tank out of service		461 Woodley Pl.	Reservoir taken offline for warranty inspection	<div> <div></div> <div>Tibbals, Jason</div> </div> <div> <div></div> <div>Schiavone, Joe</div> </div> <div> <div></div> <div>Collins, Travers</div> </div>	Email		3/8/2021 12:00 AM	3/22/2021 12:00 AM
Distribution Supervisor	<div>...</div> <div> <div></div> <div>Restad, Anthony</div> </div>	Water	Water Tank out of service	Reservoir 7	5547 Yerba Buena	Reservoir taken offline for warranty inspection	<div> <div></div> <div>Tibbals, Jason</div> </div> <div> <div></div> <div>Schiavone, Joe</div> </div>	Email		3/2/2021 12:00 AM	



OUR FUTURE IN EVERY DROP

Name of Reporting Party *

Enter a name or email address...

Job Title *

Reporting Department *

- ☒ Water
- ☐ Fire

Incident Reported *

Water Station out of service ▼

Other Description

Location ID *

Description of issue/problem *

People Notified *


Enter names or email addresses...

Type of Notification *

- ☒ Email
- ☐ City Phone
- ☐ Cell Phone
- ☐ Voicemail
- ☐ Other

Other Notification Description

Date of Event Reported *

  12 AM ▼ 00 ▼

Acknowledgement of Notification

☐

Actions Taken based on Notification

Date Returned to Normal Status

  12 AM ▼ 00 ▼

Notification for Return to Normal Status

Enter a name or email address...

Type of Notification for Normal Status

- ☒ Email
- ☐ City Phone
- ☐ Cell Phone
- ☐ Voicemail;
- ☐ Other



OUR FUTURE IN EVERY DRÖP

INTERNAL COMMUNICATION



Purpose: Send Emergency Messaging utilizing the City of Santa Rosa's **Send Word Now** tool on any desktop computer.

Capabilities: The system is configured to send a recorded voice message, a text, an email, and/or leave a voice mail to selected employees- or any combination of these message types.

LOCAL OPS EMERGENCY STAFFING

- **ONSET OF EMERGENCY**
2 - 14 HOUR SHIFTS



- **POST TRIAGE OF EMERGENCY**
3 - 10 HOUR SHIFTS



**MAKE TRANSITION BACK TO
NORMAL SHIFTS ASAP.**

2 Shift Schedule					
Shift	Command Staff			Field Staff	
Day	5:00 AM	-	7:00 PM	6:00 AM	- 8:00 PM
Night	5:00 PM	-	7:00 AM	6:00 PM	- 8:00 AM
3 Shift Schedule					
Shift	Command Staff			Field Staff	
Day	5:00 AM	-	3:00 PM	6:00 AM	- 4:00 PM
Swing	1:00 PM	-	11:00 PM	2:00 PM	- 12:00 AM
Night	9:00 PM	-	7:00 AM	10:00 PM	- 8:00 AM
Typical DOC Meeting Schedule					
	Start		End	2 Shifts	3 Shifts
	5:00 AM	-	6:00 AM	Shift Change	Shift Change
	9:00 AM	-	10:00 AM	Status Update	Status Update
	1:00 PM	-	2:00 PM	Status Update	Shift Change
	5:00 PM	-	6:00 PM	Shift Change	Status Update
	9:00 PM	-	10:00 PM	Status Update	Shift Change
	1:00 AM	-	2:00 AM	Status Update	Status Update

***WE HAVE PRE-POPULATED ASSIGNMENTS FOR EACH SHIFT
UPLOADED TO SEND WORD NOW.***

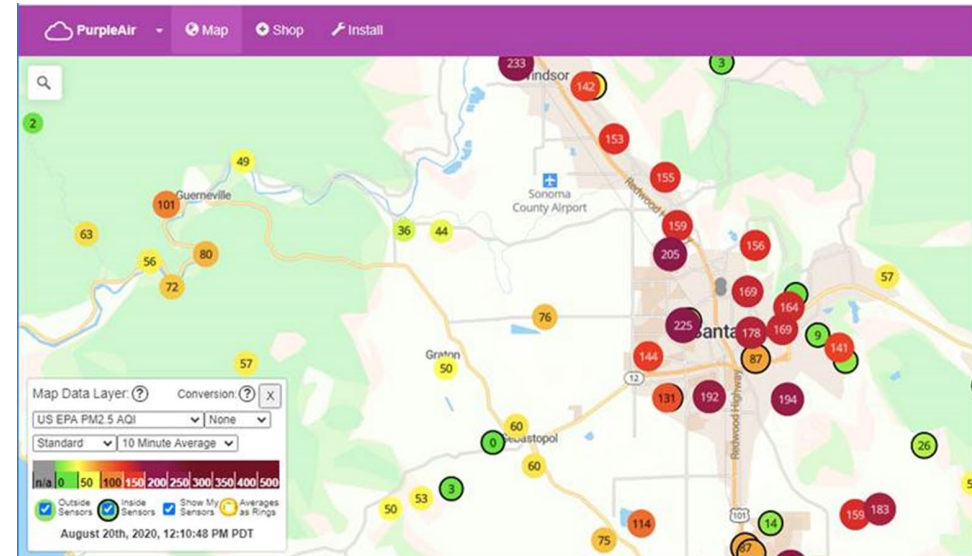
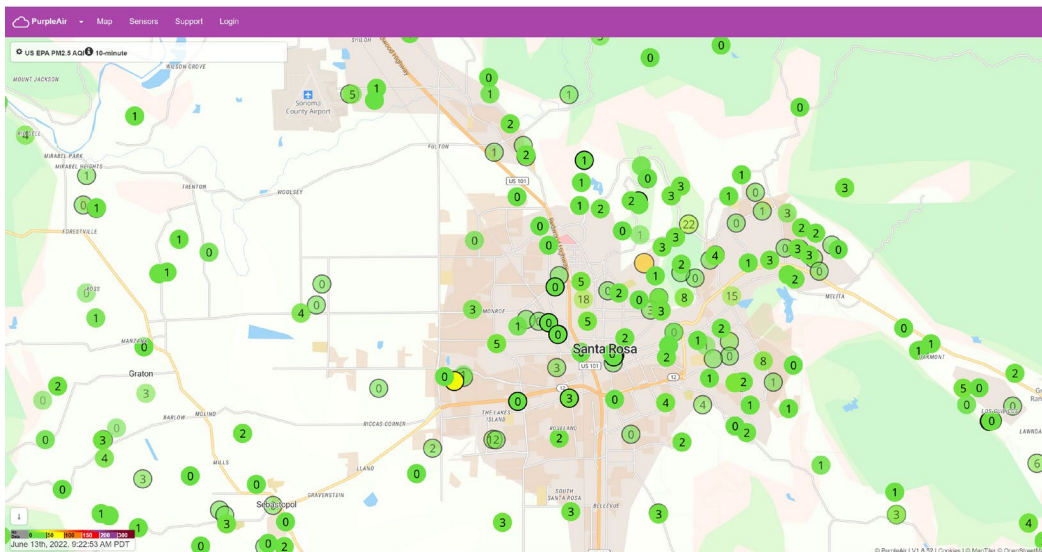
AIR QUALITY

Cal/OSHA regulations require that employers protect workers from hazards associated with wildfire smoke where the Air Quality Index (AQI) for airborne particulate matter is 151 or greater.

**Respirator
use
Voluntary**

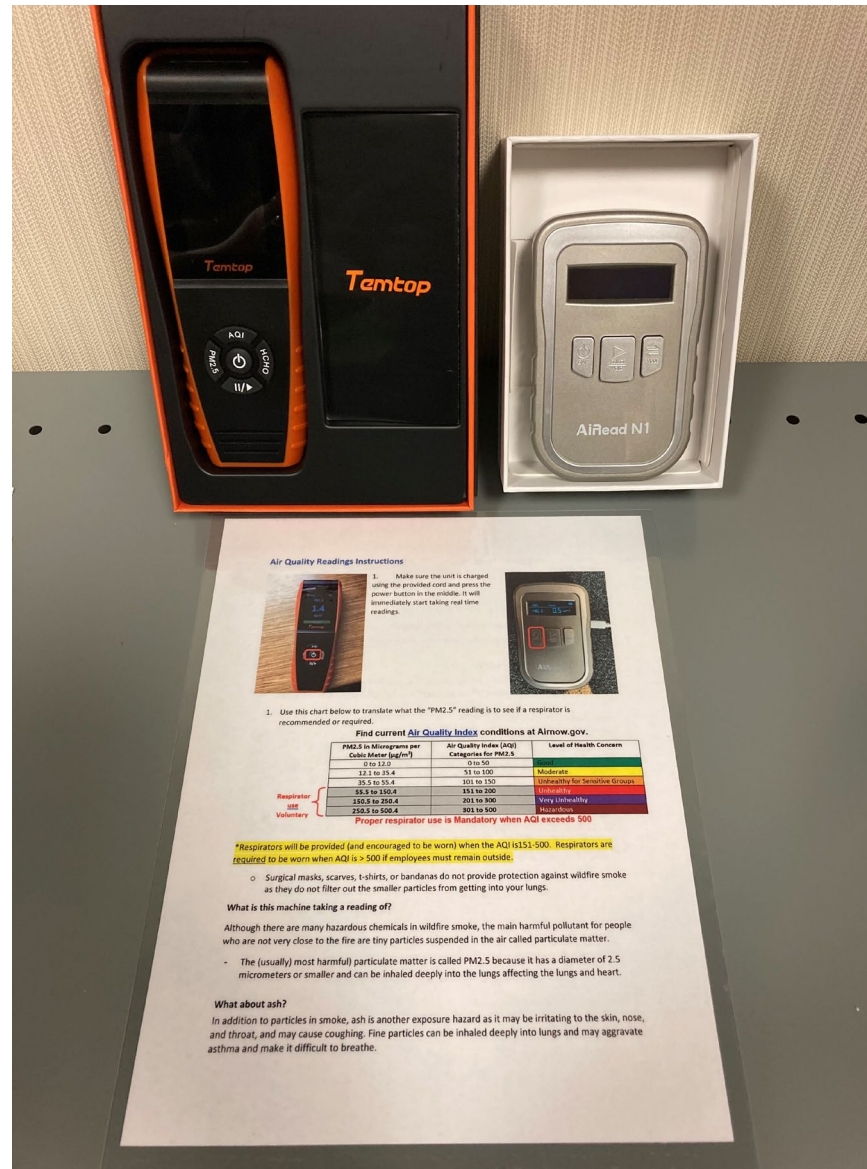
PM2.5 in Micrograms per Cubic Meter ($\mu\text{g}/\text{m}^3$)	Air Quality Index (AQI) Categories for PM2.5	Level of Health Concern
0 to 12.0	0 to 50	Good
12.1 to 35.4	51 to 100	Moderate
35.5 to 55.4	101 to 150	Unhealthy for Sensitive Groups
55.5 to 150.4	151 to 200	Unhealthy
150.5 to 250.4	201 to 300	Very Unhealthy
250.5 to 500.4	301 to 500	Hazardous

Proper respirator use is Mandatory when AQI exceeds 500



OUR FUTURE IN EVERY DROP

AIR QUALITY MONITORING



MOVING FORWARD

- CONTINUED FIBER OPTIC COMMUNICATION INSTALLATION WHERE RADIO IS NOT APPLICABLE.
- SOLAR/BATTERY BACK UP AT WATER STORAGE TANK SITES.
- HIGH FLOW PUMPS AT SOME ADDITIONAL WATER PUMP STATIONS.
- WATER/WASTEWATER PUMP STATION HARDENING.
- ABATEMENT.
- CONTINUE COMMUNICATION.
- CONTINUE / REFINE DRILLS.

PROACTIVE OUTAGES



WATER RESERVOIRS



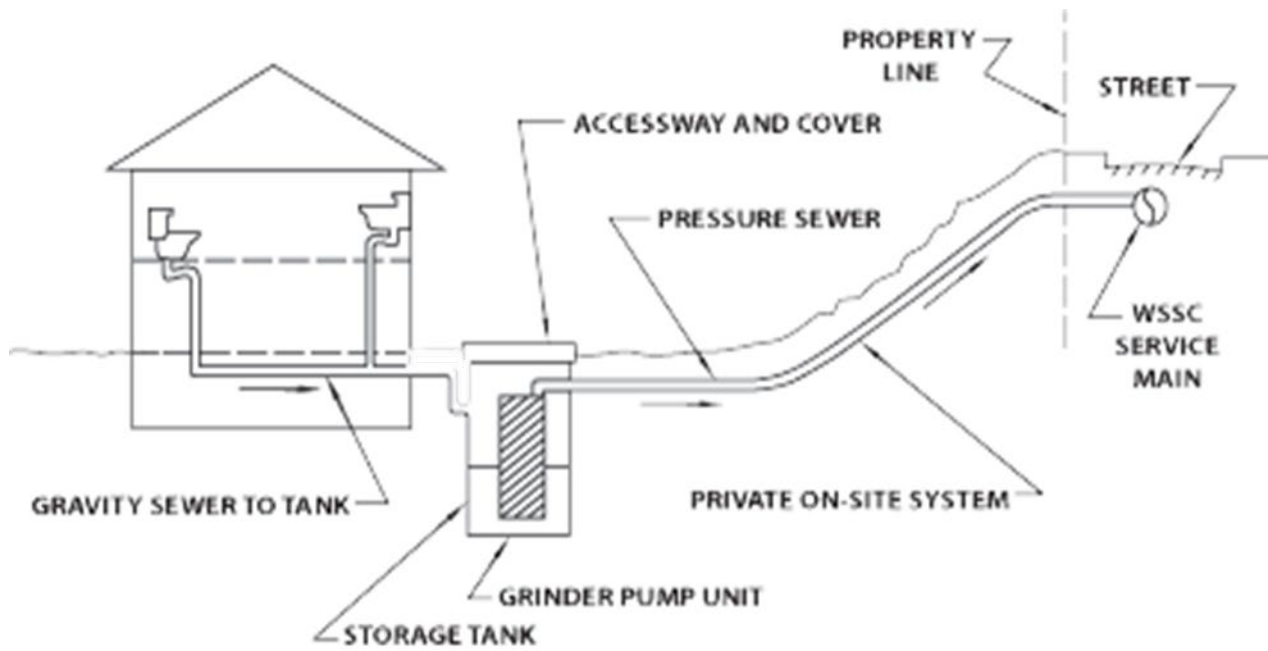
WATER PUMP STATIONS



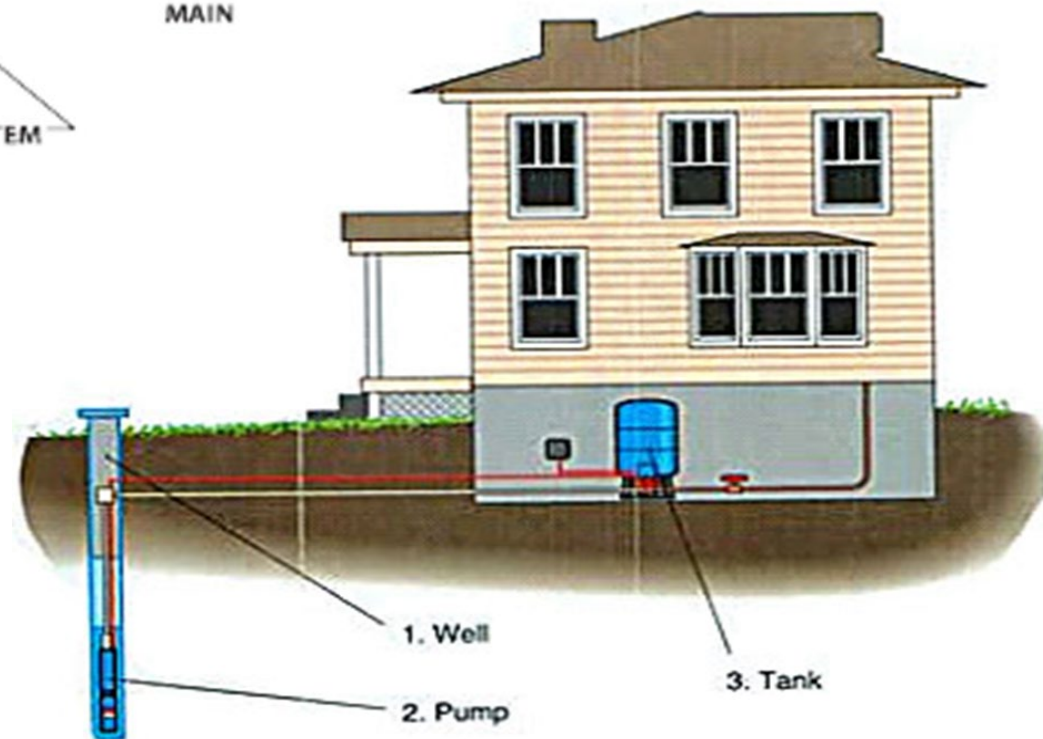
SEWER COLLECTION SYSTEM



PRIVATE SYSTEMS



SEWER PUMPS



WELL PUMPS

COMMUNICATION AND OUTREACH

RESOURCES

- Pge.com/psps
- Srcity.org/emergency

KNOW YOUR ALERTS

- Sign-up for SoCo Alert
SoCoAlert.com or call
866-939-0911
- Watch Duty



OUR FUTURE IN EVERY DROP

PG&E Public Safety Power Shutoff
Shutting off power for safety...

What is PG&E's Public Safety Power Shutoff Program?
If extreme fire danger conditions threaten a portion of the electric system serving Santa Rosa, PG&E may proactively turn off electricity in the interest of public safety. This is called a Public Safety Power Shutoff.

- PG&E will only proactively turn off the power to help reduce the likelihood of an ignition when extreme fire danger conditions are forecasted.
- Customers in high fire-threat areas are more likely to be affected, but any of PG&E's electric customers, including residents who live in the City of Santa Rosa, could have their power shut off if their community relies upon a line that passes through a high fire-threat area.

How will I be notified in the event of a PSPS?
PG&E's goal, dependent on weather, is to send outage alerts to customers at 48 hours, 24 hours and just prior to shutting off power. They will notify people through:

- Automated Calls
- Texts
- Emails

Make sure PG&E has your contact information so you can be notified in the event of a PSPS.

When will power be restored?
After the extreme weather conditions subside, PG&E will safely restore power to the affected areas. Because extreme weather can cause outages that could last for several days, PG&E will notify customers when power is expected to be restored.

What weather conditions trigger a PSPS?
While no single factor triggers a PSPS, a combination of factors such as a Red Flag Warning, a high fire danger rating, and a forecast of extreme weather conditions can lead to a PSPS.

City of Santa Rosa
KNOW YOUR ALERTS
The City of Santa Rosa uses multiple notification and warning systems to make sure emergency alerts are delivered to the people who need the information.

Emergency Alert System (EAS)
National public warning system that will interrupt local broadcast tv and radio programming to provide an alert in the event of a large-scale emergency. **No registration required**

Wireless Emergency Alerts (WEA)
Urgent alerts sent as text-like messages to your mobile phone based on your location (you will only receive notification if you are in the area of the emergency). WEAs have three alert categories – Imminent Threat, AMBER, Presidential. You must keep the factory settings on to your WEA-capable phone to receive a WEA. **No registration required**

SoCoAlert
Emergency notification service providing Sonoma County first responders the ability to alert residents by landline or mobile phone, text message and email about imminent threats to life and property in specific impacted areas. Register all addresses that you would like to receive alerts for (work, child's school, etc.). You don't have to be in the location of the emergency to receive the alert. **Must register at SoCoAlert.com OR call (866) 939-0911, press "0" at the menu, ask operator for assistance with registering for SoCoAlert**

Nixle
Community information service managed by Santa Rosa Police and Fire Departments to send email and/or text message notifications related to public safety (notifications are NOT delivered by phone call). There are three types of Nixle notifications: Alert, Advisory, Community; customize your settings at nixle.com to control which types of notifications you receive. **Must register at nixle.com or text your zip code to 888-777**

Local Radio and Television
The City communicates with local news broadcasters to provide updates during an emergency. **Tune radio to 1350 AM, 103.5 FM, 100.1 FM, 89.1 FM (bilingual), 98.7 FM (Spanish); watch preferred local TV news channel**

Stay Informed
Police Department
Fire Department
City of Santa Rosa

SONOMA READY DAY
EMERGENCY PREPAREDNESS FAIR

Thousands of emergency kits will be given away.

Watch Duty (Wildfire)
Stay up-to-date on wildfires. **Sherwood Forestry Service, Inc.**
Designed for iPad
#21 in News
★★★★★ 4.8 x 100 Ratings
Free

SoCoAlert
Screenshots iPad iPhone



OUR FUTURE IN EVERY DROP

QUESTIONS?