



A. D. A. P. T.

Atherton Disaster and
Preparedness Team

Atherton Disaster Assessment

A.D.A.P.T. Community Meeting
March 6, 2021

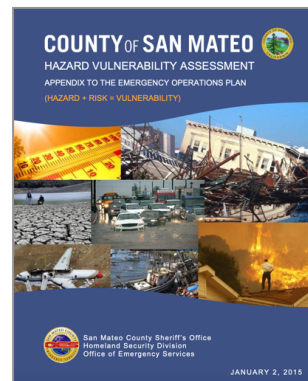
Find Your Area: www.getreadyatherton.org

Sources



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- San Mateo County Hazard Vulnerability Assessment, 2015
- San Francisco Chronicle, “Preparing for Disaster”, 2020
- Town of Atherton (2015), long-term residents & local arborists
- United States Geological Survey
- FireSafe Marin



A link will be provided to these resources and to additional handouts.

Introduction



- We'll review over a dozen different disasters and how they can affect us in Atherton. For each disaster, you'll learn areas affected, likelihood, impact, and response protocol.
- First we'll look at disasters that are affecting us right now or that have occurred recently, then will talk about what *could* happen, though far less likely.
- Remember that in ALL disasters:
 - Call 911 if there's an emergency
 - Decide whether to evacuate or shelter in place
 - Listen to and follow instructions from local officials
 - Check on your neighbors as appropriate
 - Etc. (use your training)
- Please ask questions along the way; will stay after the meeting for Q&A as well.

Pandemic



- Frequency: **Currently ongoing**
- Affected Areas: **All**
- First U.S. case reported Jan 19, 2020
- ADAPT activation from March 15, 2020 to June 3, 2020
- Current % Cases per Atherton Population: 2.3%

A.D.A.P.T. COVID-19 Response

Approved and supported by the Town of Atherton, Chief of Police, Steve McElroy

Prepared by:	March 12, 2020	Atherton Issues: 14
Revised by:	June 3, 2020	Atherton Issues: 15
Reviewed:	January 9, 2021	Atherton Issues: 16
Atherton Population:	1,747	% Cases per Atherton Population: 2.3%

Background: For unaffiliated coronavirus disease 2019 (COVID-19) cases, reported positive tests are based on information provided by the local health department.

COVID-19: Coronavirus disease 2019 (COVID-19) is caused by the novel coronavirus (2019-nCoV), a new type of coronavirus. This is based on what we know and understand as of the date of this document.

Creating a neighborhood network for aid and assistance with technical support: Check in regularly based on needs or predetermined days.

Reserve support for all and assign responder:

- Designate neighborhood coordinators
- Communicate symptoms and whether they should call doctor
- Monitor
- Check and care those
- Isolate
- Monitor and report when testing about
- Reschedule
- Reschedule symptoms and whether to call 911
- Monitor
- Check and care those
- Isolate
- Monitor and report when testing about
- Reschedule
- Reschedule symptoms to those not at home

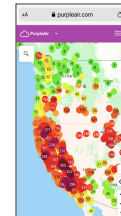
A.D.A.P.T. 100 Wilton Ave. Atherton, CA 94521 | www.pandemicatherton.org

Severe Air Pollution/Smoke Canopy Fire/Ember Storm

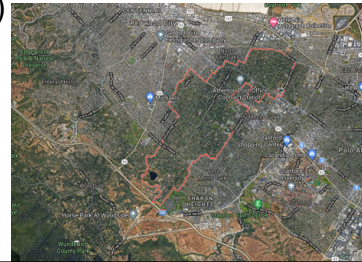


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- Frequency: **May to October (fire season)**
- Affected Areas: **All**
- Monitor air quality
- Smoke: Shelter in place, close windows & doors (air purifier, masks, Boost, etc.)
- Clear overgrown vegetation & trees (“defensible space”)
- Practice evacuating!



PurpleAir on 9/7/20



Evacuation



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- Notifications: SMC Alert, etc.
www.smcalert.org
- Emergency sirens at Cal Water
- Have primary & backup plans
www.getreadyatherton.org/make-a-plan
- Know evacuation routes (next slide)

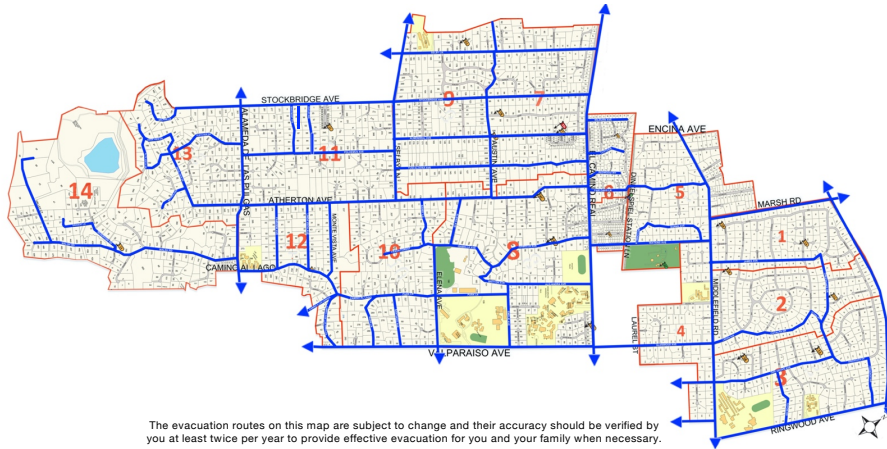
FIRE SIREN



(CONTINUOUS)

See <https://www.ci.atherton.ca.us/477/Evacuation-Plan-Emergency-Siren>

Evacuation Routes



Brownouts/Blackouts



- Frequency: **Year-round**
- Affected Areas: **All**
- Alternate power esp for medical (solar, generator, battery)
- Alternate lighting (LED headlamps & flashlights)
- Maintain high level of security awareness

Security/Civil Disturbance



- Frequency: **Year-round**
- Affected Areas: **All**
- Situational awareness & lighting
- Non-lethal means of self-defense
- Notify Atherton dispatch

Flooding



- Frequency: **November to February**
- Affected Areas: **1, 2, 6, 8, 10-14**
- Bear Gulch Reservoir (“BGR”) - constructed & upgraded to withstand large earthquakes
- Do not count on notification if breach occurs
- Defensive perimeter (sandbags, etc.)

FLOOD SIREN



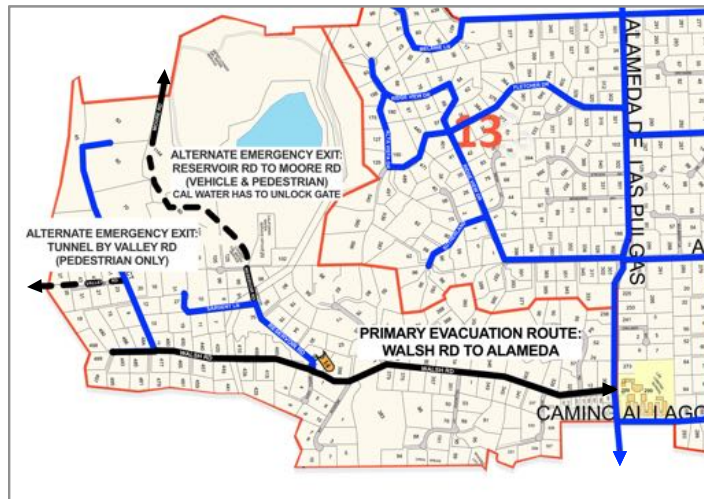
(INTERMITTENT)

See <https://www.ci.atherton.ca.us/477/Evacuation-Plan-Emergency-Siren>

In Potential BGR Flooding Zone: Areas 6, 8, 10, 12, 14



Area 14 Evacuation Routes



Monitored During Heavy Rain: Areas 1, 2, 6, 10, 11, 12, 14



- Area 1: Marsh Road Channel – repaired in August; further repairs planned; monitored for debris in heavy rains
- Area 2: Laburnum Road & Magnolia Drive area – monitored
- Area 6: El Camino Real Ditch Lines – monitored
- Areas 10 & 12: Channel Crossings at Barry Lane, Elena Avenue, Broadacres Road & The Alameda – repaired in August; monitored
- Area 11: Parker/Euclid Avenues Ditch – monitored
- Area 14: Bellbrook Way Culvert – scheduled for repair; monitored

Thank you to the Town of Atherton for this information.

Windstorm/Tree Fall



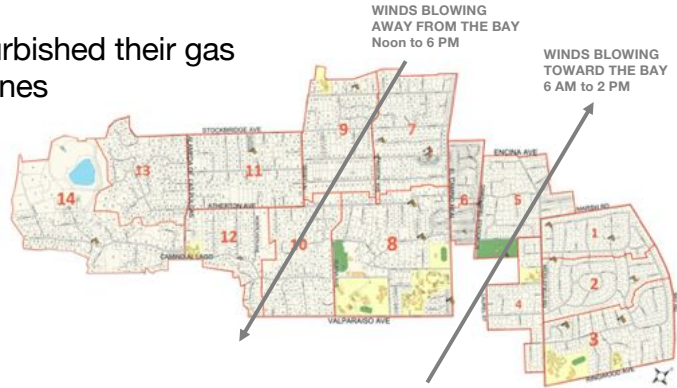
- Frequency: **Year-round**
- Affected Areas: **All**
- Can lead to power pole fire, canopy/home fire, blackout, flooding
- Have a chainsaw, or know someone who does



Gas Explosion



- Frequency: **Year-round, minimal likelihood**
- Affected Areas: **All; greatest in Area 14**
- PG&E has refurbished their gas transmission lines
- Note wind direction



Lightning Strike



- Frequency: **September to February, minimal likelihood**
- Affected Areas: **All**



Airplane Crash

- Frequency: **Daytime hours, minimal likelihood**
- Affected Areas: **1-6**



Train Crash

- Frequency: **Anytime, minimal likelihood**
- Affected Areas: **4-6**



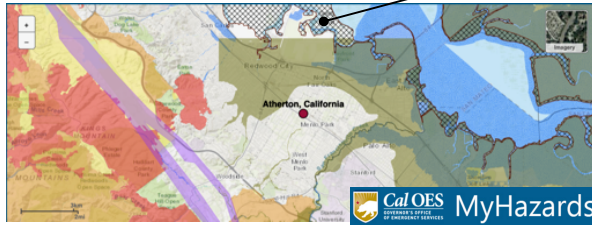
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Tsunami

- Frequency: **Anytime (post earthquake), minimal likelihood**
- Affected Areas: **1-4**

tsunami emergency response planning zone

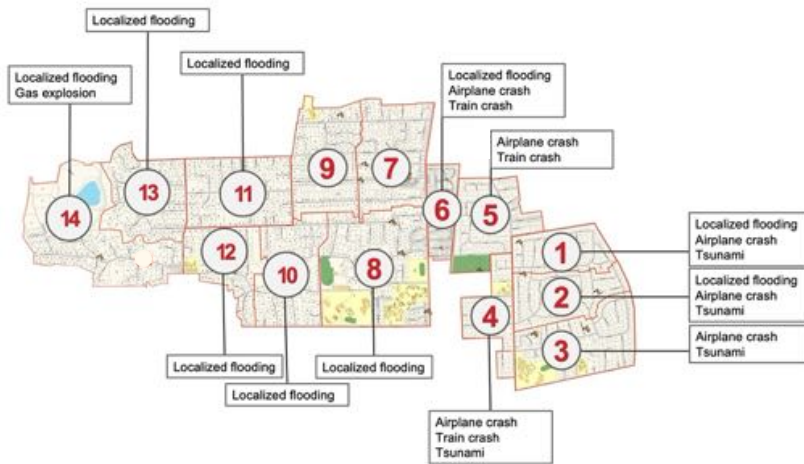


<https://myhazards.CalOES.ca.gov>

Area-Specific Hazards (High impact, low probability)



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Earthquake



- Frequency: **Year-round**
- Affected Areas: **All**
- Can cause many of the disasters we reviewed today — blackout, tree fall, gas explosion, etc.
- Have a plan and use your training: personal, family, and neighborhood safety; self-sufficiency for up to 7 days; EAP deployment.

Wrap-Up



- Thank you for participating!
- Materials from this meeting are available on our website at www.getreadyatherton.org/archives
- Please take a moment to sign up for SMC Alert if you haven't already: www.smcalert.org.
- Q&A