

# Debris Flow Impacting the 101 Freeway Table-Top Exercise Emergency Planning Committee January 12, 2023



# Agenda

- Scenario
  - Note no section breakouts for today's meeting
- Module 1- Pre Event Planning
- Module 2 - After the Event Occurs
- Summary and Questions

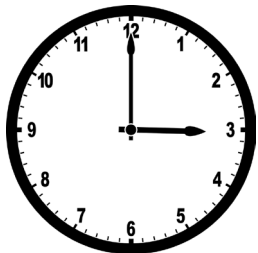
## Significant Storm for Southwest California Monday through Tuesday Night

### Weather Highlights

- Moderate /Heavy Rain Monday – Early Tuesday
- Scattered Showers Tuesday Afternoon/Night
- Thunderstorms with High Intensity Rainfall Possible Monday Night – Tuesday
  - Peak rainfall rates: 0.50-1.00 inch per hour
- Expected Rainfall Totals:
  - Coasts/Valleys: 1-2 inches
  - Foothills/Mountains: 2-5 inches
- Damaging Southerly Winds (especially mountains)
- Resort-Level Snow
  - 8-18 inches above 6500 feet
  - Lowering to 4000-5000 feet Tuesday

### Potential Impacts

- Flash flooding/debris flows possible in and around recent burn areas
- Urban roadway flooding
- Downed trees/power lines (mainly mountains)
- Road Closures incl. I-5 Corridor (low snow levels)



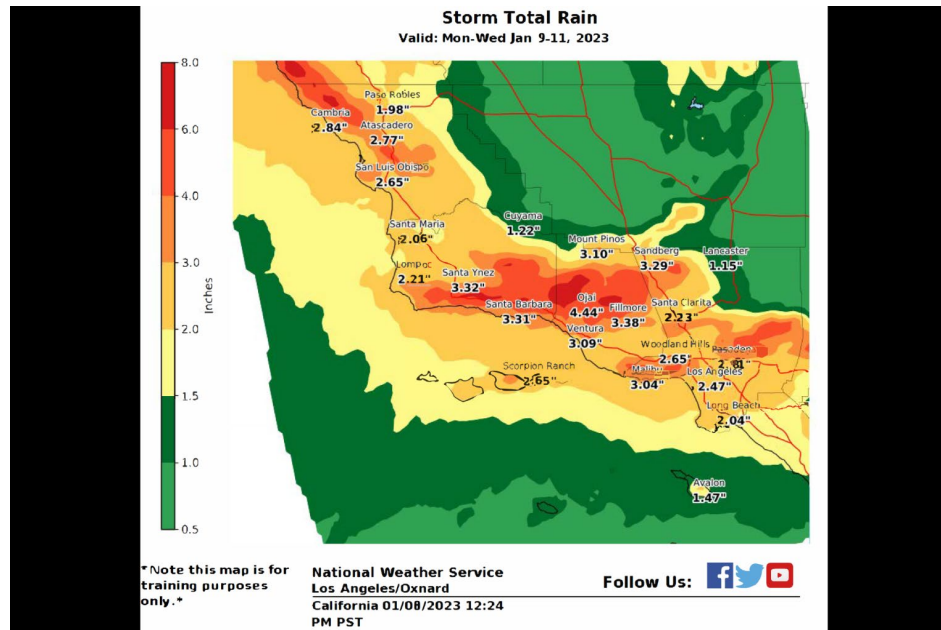
Weather Forecast Office  
Los Angeles/Oxnard, CA

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# Scenario

- A potential debris flow/flooding on the South Coast was identified after multiple storms over several days in January 2023. On January 8, 2023 the National Weather Service forecasted a significant storm for the Front Country beginning January 11, 2023 that would push the soil saturation levels to trigger a possible debris flow.



# MODULE 1 - Pre Event Planning

## GROUP DISCUSSION

### Key Issues:

- Pre Event Information
- Decision to assemble the EOC
- Identify initial impacts and consequences
- Identify initial action items
- Information management

Level 1: Full Activation	<b>1</b> Full Scale
Level 2: Partial Activation	<b>2</b> Partial
Level 3: EOC Staff Situation Monitoring	<b>3</b> Monitoring
Level 4: Emergency Manager Status	<b>4</b> Emergency Manager

# MODULE 1 - GROUP DISCUSSION (CAMPUS PERSPECTIVE)

1. How will you determine if, and/or, how the campus may be impacted?
2. What are your sources and steps to vet incoming information for accuracy?
3. How will you determine if there is any additional threat to campus community?
4. How will you notify the campus community of the incident and any changes to the daily schedule?

# Essential Personnel

- Essential Personnel are those staff vital to the operation and fulfillment of any of the Ten Campus Essential Functions (next slide)
- Estimated that 30% UCSB staff were unable to come to campus to work due to being physically blocked, evacuated, or for health issues during 2018 1/9 Debris Flow.



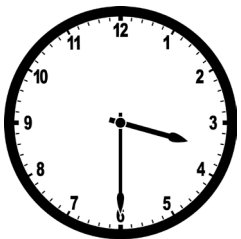
# Campus Essential Functions

- Continue Visible Leadership
- Continue Teaching
- Continue Research
- Maintain Critical Infrastructure
- Maintain the Reputation of Campus
- Maintain Relationships with Stakeholders
- Maintain Safety & Security
- Provide Emergency Services
- Maintain Financial Stability
- Maintain Basic Campus Services



# Scenario (After the Incident) Group Discussion

- On January 12th at 0300 hours, it was reported that a debris flow had triggered over the 192 near San Ysidro road in Montecito. Reports also indicated the 101 has been closed in both directions. The County of Santa Barbara has issued an emergency for the area. No reports of casualties but significant property damage to the areas hit by the debris flow







# JANUARY 15TH 0800 – GROUP DISCUSSION

Information incoming:

- The 101,192 and 154 freeways and rail trains were shut down due to the debris flow. Caltrans is on scene and beginning clearing the freeway. There is not an estimated completion date.

## **UC Santa Barbara Key Issues:**

- Lack access to campus
- Media inquiries
- Public communications

## DISCUSSION POINTS:

- This scenario doesn't effect the physical campus location, but impacts our people and workers mission to campus.
- Do you know what would need to be completed during this time? Are there deadlines
- What's your Team's Response?
- Do you know if you need your team on Campus for this?
- How many people do you need? Who those people would be?

# Summary and Next Steps

- Thoughts on when we start meeting in person?
- Feedback Survey
  - [https://ucsb.co1.qualtrics.com/jfe/form/SV\\_d7hYaO0z6qGlot8](https://ucsb.co1.qualtrics.com/jfe/form/SV_d7hYaO0z6qGlot8)



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