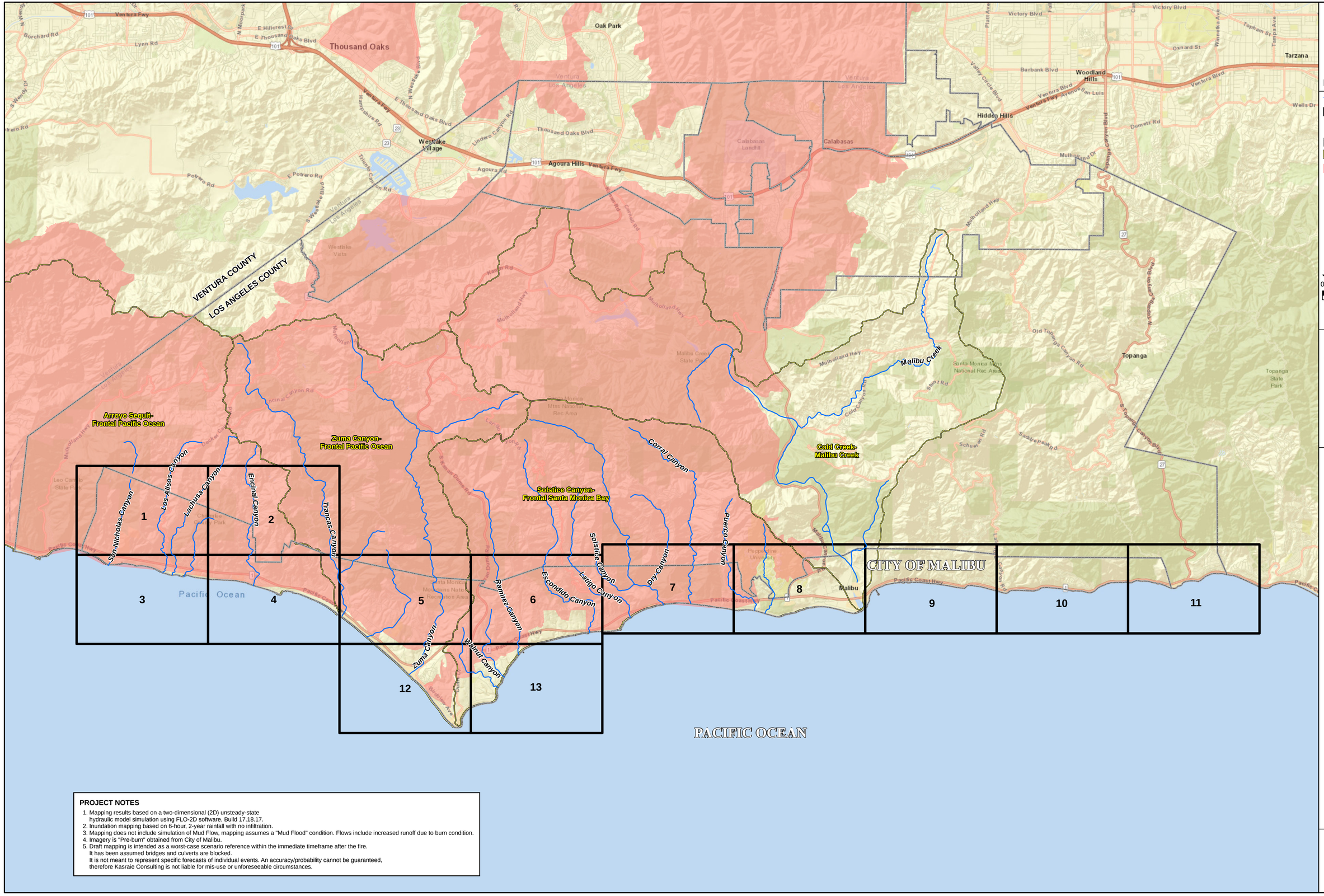

PROJECT NOTES

1. Mapping results based on a two-dimensional (2D) unsteady-state hydraulic model simulation using FLO-2D software, Build 17.18.17.
2. Inundation mapping based on 6-hour, 2-year rainfall with no infiltration.
3. Mapping does not include simulation of Mud Flow, mapping assumes a "Mud Flood" condition. Flows include increased runoff due to burn condition.
4. Imagery is "Pre-burn" obtained from City of Malibu.
5. Draft mapping is intended as a worst-case scenario reference within the immediate timeframe after the fire.
   It has been assumed bridges and culverts are blocked.
   It is not meant to represent specific forecasts of individual events. An accuracy/probability cannot be guaranteed, therefore Kasraie Consulting is not liable for mis-use or unforeseeable circumstances.

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Legend

- Streams
- Map Sheets (36x22) 4800
- Map Sheets (36x22) 3600
- Corporate Boundaries
- Watershed (HUC 12)
- Approximate Woolsey Fire Burn Area

JANUARY 13, 2019

0 2,000 4,000 6,000 Feet

1 inch equals 4,000 feet

CITY OF MALIBU

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RISK AND VULNERABILITY MAP
POST FIRE 2-YEAR RAINFALL
CITY OF MALIBU

INUNDATION MAP SHEET

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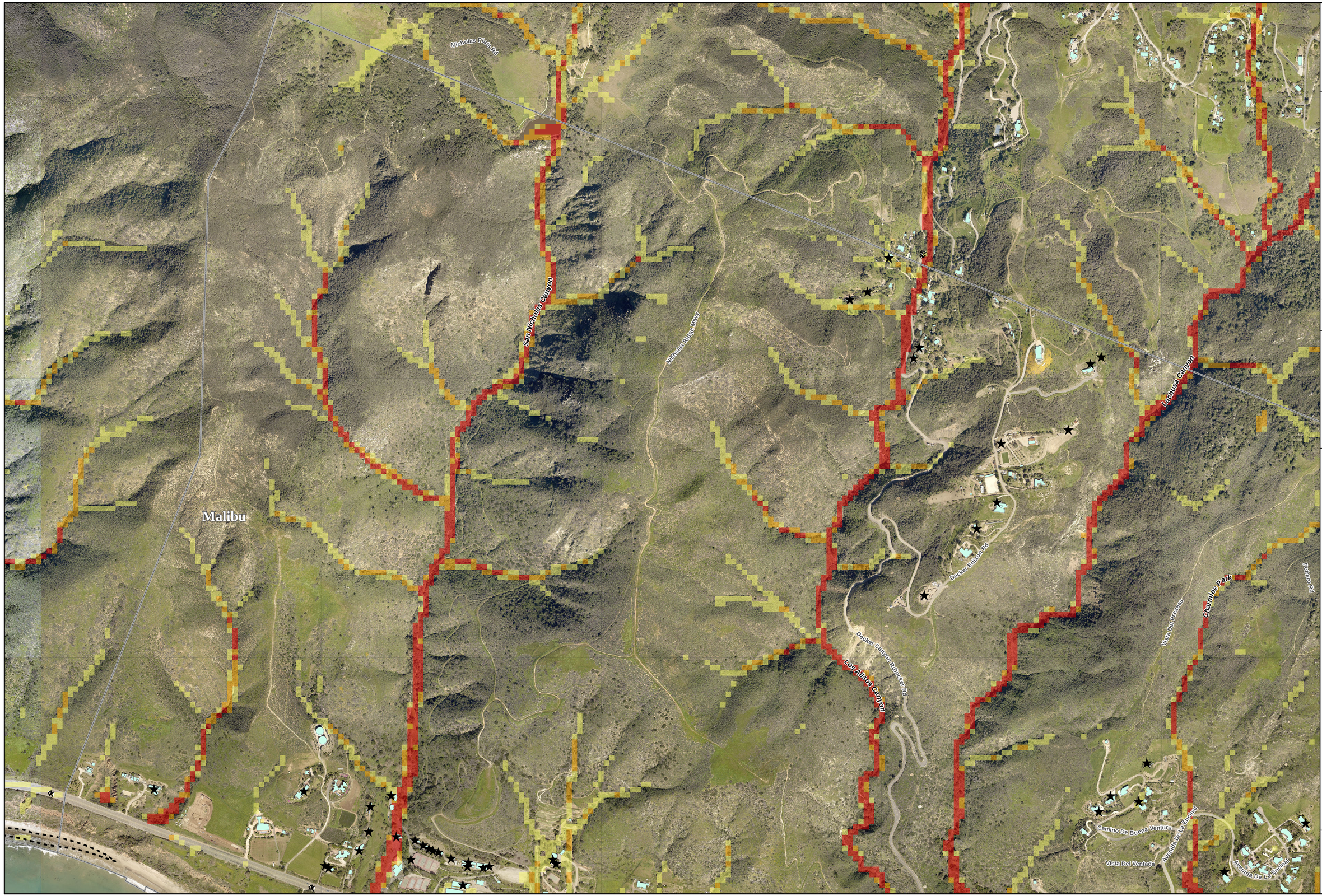

N

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S

Legend

- Damaged Buildings
- Buildings
- Corporate Boundaries
- FEMA 100 Year Floodplain

2-Year Depth x Velocity (ft^2/sec)

Flood Severity Category

- Lowest Risk: 0 - 0.2
- Low: 0.2 - 2.2
- Moderate: 2.2 - 5.4
- High: > 5.4

JANUARY 13, 2019

0 200 400 600 Feet

1 inch equals 400 feet

CITY OF MALIBU

KASRAIE CONSULTING

RISK AND VULNERABILITY MAP POST FIRE 2-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

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Lachusa Canyon

Potrero Rd

Charmlee Park

Encinal Canyon

Norrande Dr

Potrero Rd

Malibu

Encinal Canyon Rd

Carmichael Rd

Malibu

Trancas Canyon

Trancas Canyon Rd

Foxview Dr

Anacapa View Dr

N

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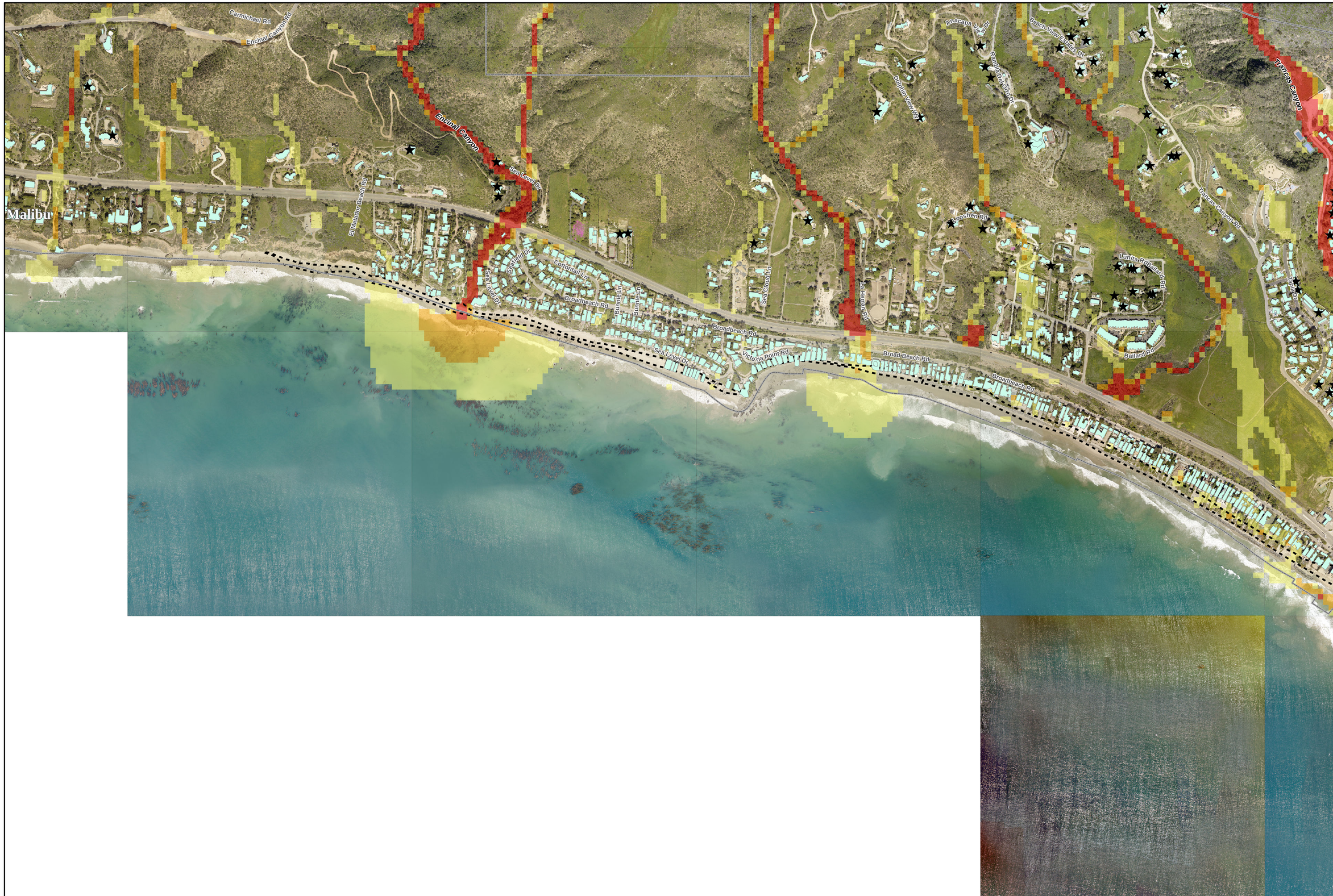

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CITY OF MALIBU

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RISK AND VULNERABILITY MAP POST FIRE 2-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

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CITY OF MALIBU

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RISK AND VULNERABILITY MAP POST FIRE 2-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

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W E

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CITY OF MALIBU

KASRAIE CONSULTING

RISK AND VULNERABILITY MAP
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CITY OF MALIBU

INUNDATION MAP

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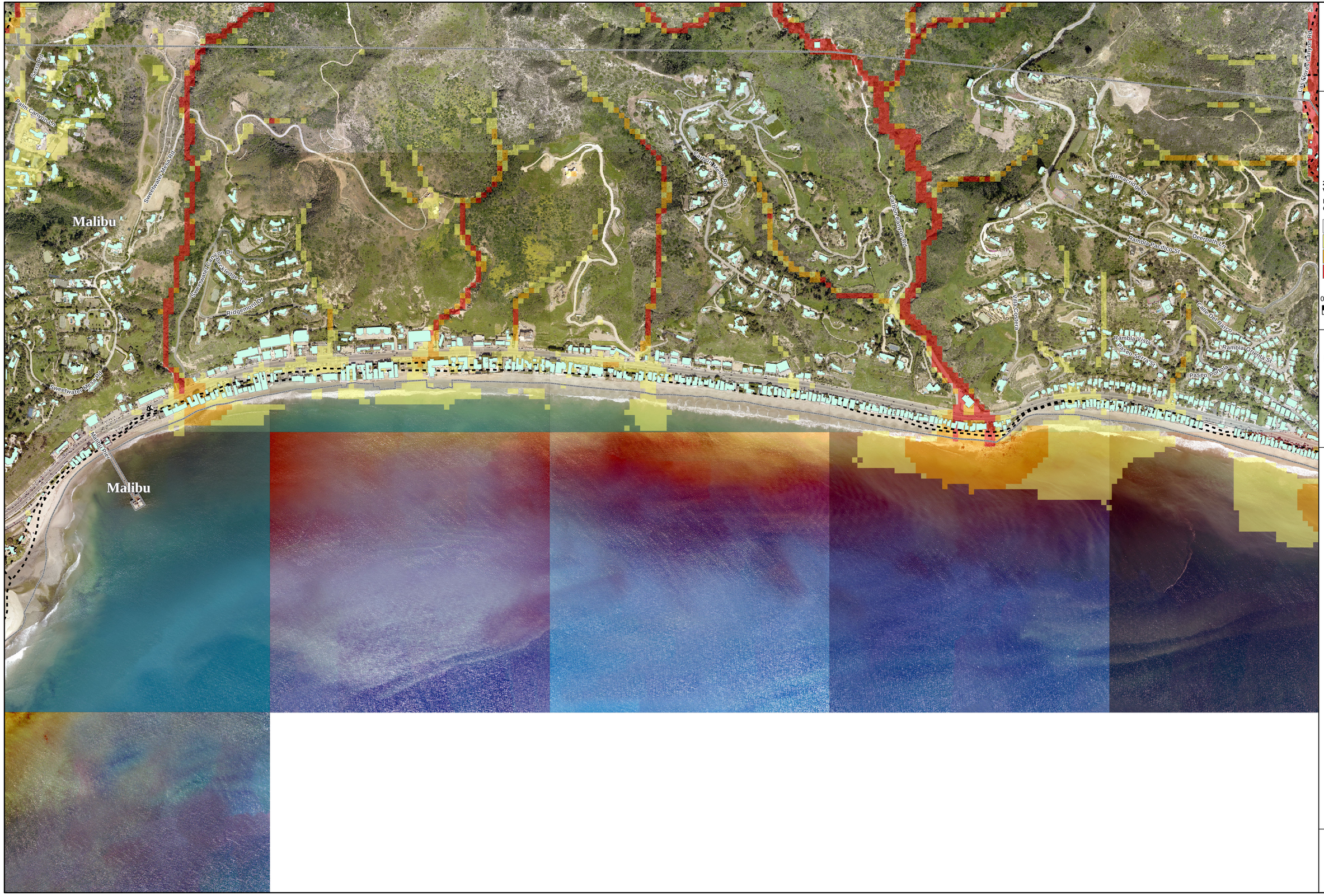
Malibu
Malibu
Sweetwater Mesa Rd
Sweetwater Canyon Dr
Ridgemont Dr
Malibu Pier
Carbon Mesa Rd
Carbon Canyon Rd
Sumerridge Dr
Ramirez Canyon Rd
Ramirez Canyon Rd
Ramirez Canyon Rd



Legend

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CITY OF MALIBU

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INUNDATION MAP SHEET

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CITY OF MALIBU

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RISK AND VULNERABILITY MAP POST FIRE 2-YEAR RAINFALL CITY OF MALIBU

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CITY OF MALIBU

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CITY OF MALIBU

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