

The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance for establishing evacuation zones. Actual areas inundated will depend on actual failure and pre-failure hydrologic conditions and may differ significantly from information shown on maps.

This map meets all applicable state and federal standards and has been prepared in consideration of all potential downstream hazards by a licensed civil engineer.

- Legend**
- Maximum Inundation Depth (feet)
 - <1
 - 2 to 5
 - 5 to 10
 - 10 to 20
 - >20
 - Flood Wave Arrival Time
 - Cities
 - Dams

Inflow Design Flood (IDF) failure assumes a dam failure at the highest calculated reservoir elevation due to a probable maximum flood



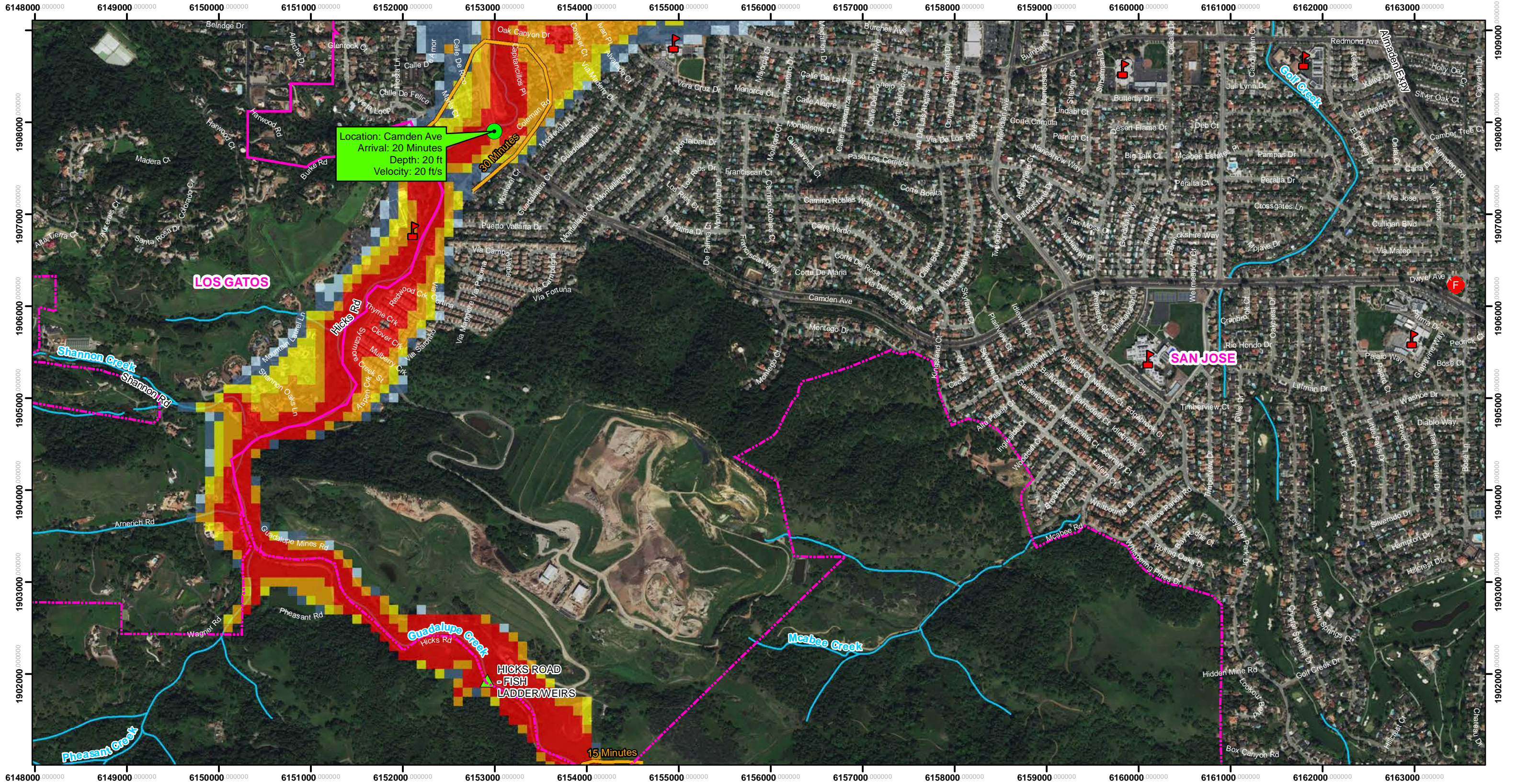
Inundation Map for the Hypothetical Inflow Design Flood Failure of **Guadalupe Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 1 of 17
 1 in = 1,000 ft

Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118

Inundation Analysis and maps created by SCVWD

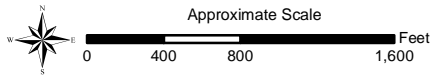
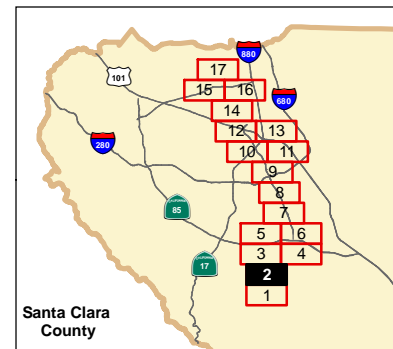
August 2019

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Location: Camden Ave
 Arrival: 20 Minutes
 Depth: 20 ft
 Velocity: 20 ft/s

HICKS ROAD - FISH LADDERWEIRS



Vertical Datum: NAVD88, U.S. Feet

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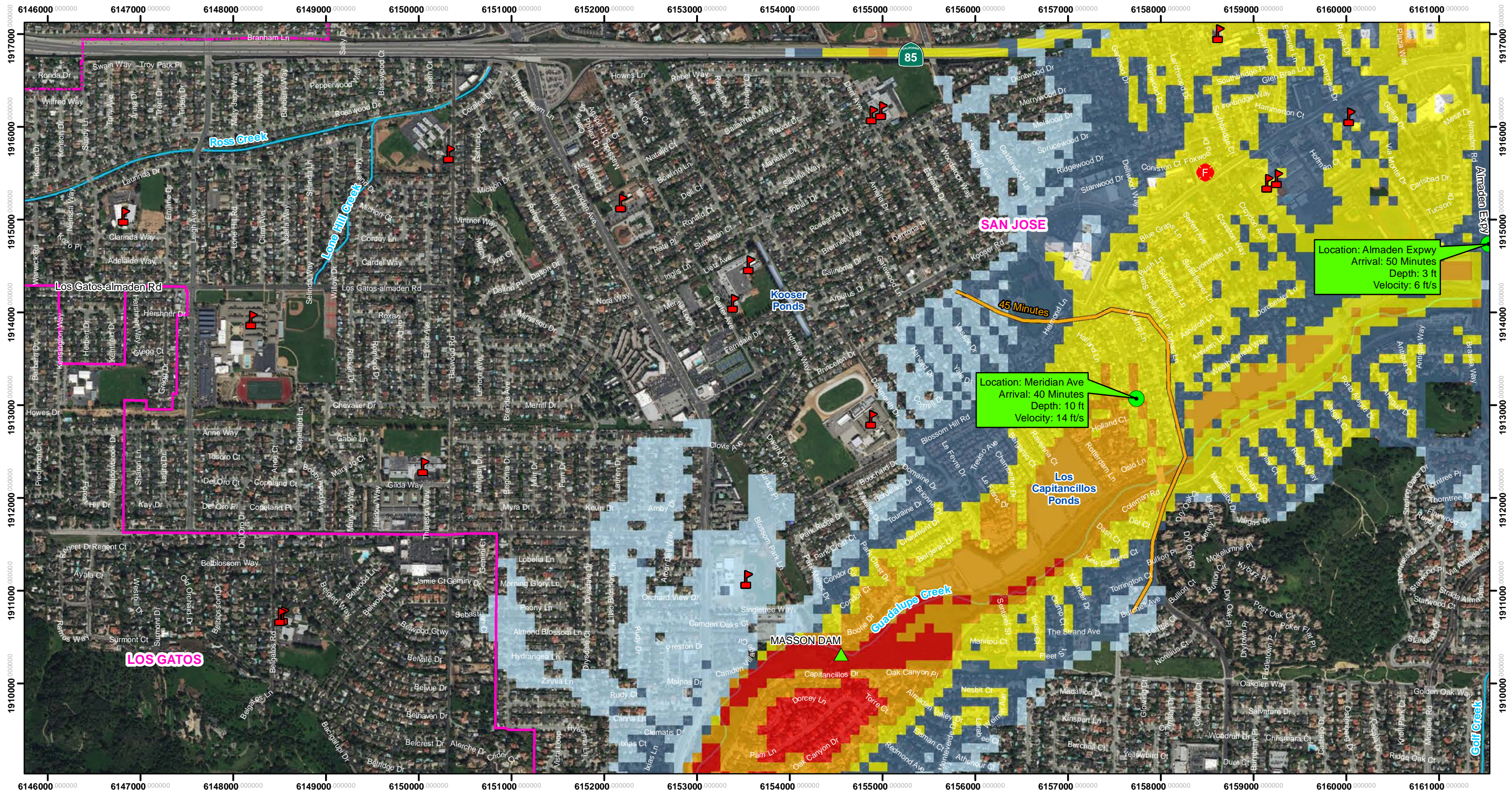
- Legend**
- Maximum Inundation Depth (feet)**
- <1
 - 2 to 5
 - 5 to 10
 - 10 to 20
 - >20
- Flood Wave Arrival Time**
- 15 Minutes
 - 20 Minutes
 - 30 Minutes

- Cities
- Dams
- Schools
- Fire Stations
- Road Callouts

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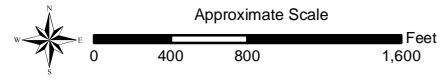
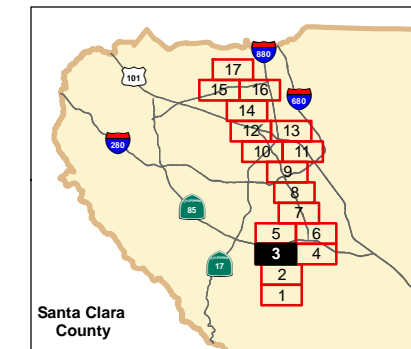


Inundation Map for the Hypothetical Inflow Design Flood Failure of **Guadalupe Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 2 of 17
 1 in = 1,000 ft
 Dam Owner: Santa Clara Valley Water District
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Location: Almaden Expwy
 Arrival: 50 Minutes
 Depth: 3 ft
 Velocity: 6 ft/s

Location: Meridian Ave
 Arrival: 40 Minutes
 Depth: 10 ft
 Velocity: 14 ft/s



Vertical Datum: NAVD88, U.S. Feet

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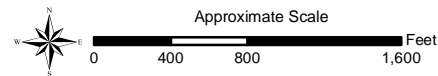
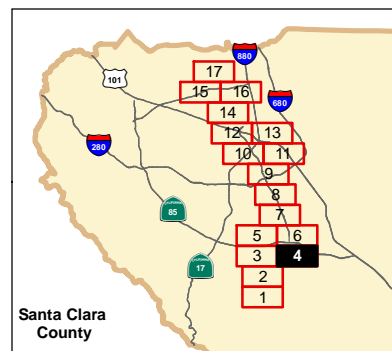
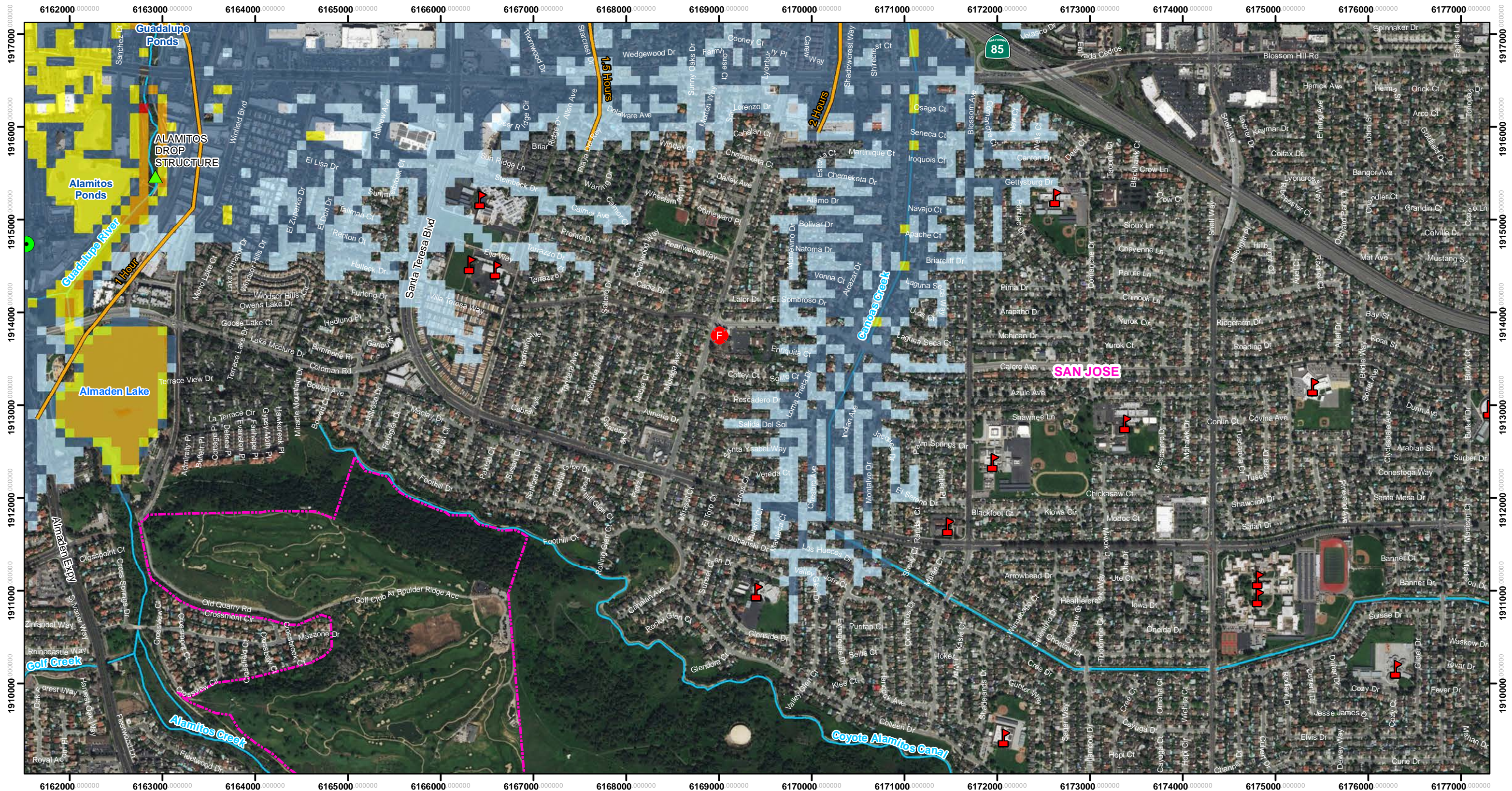
Legend

- Maximum Inundation Depth (feet)**
 - <1
 - 2 to 5
 - 5 to 10
 - 10 to 20
 - >20
- Cities
- Dams
- Schools
- Fire Stations
- Road Callouts
- Flood Wave Arrival Time

Inflow Design Flood (IDF) failure assumes a dam failure at the highest calculated reservoir elevation due to a probable maximum flood



Inundation Map for the Hypothetical Inflow Design Flood Failure of **Guadalupe Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 3 of 17
 1 in = 1,000 ft
 Dam Owner: Santa Clara Valley Water District
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 San Jose CA 95118
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Vertical Datum: NAVD88, U.S. Feet

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Legend

Maximum Inundation Depth (feet)

- <1
- 2 to 5
- 5 to 10
- 10 to 20
- >20
- Flood Wave Arrival Time

- Cities
- Dams
- Schools
- Fire Stations
- Road Callouts

Inflow Design Flood (IDF) failure assumes a dam failure at the highest calculated reservoir elevation due to a probable maximum flood



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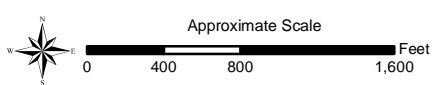
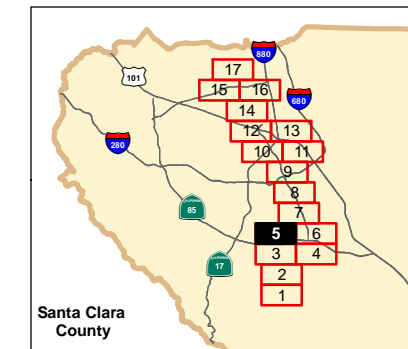
Sheet 4 of 17
1 in = 1,000 ft

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Vertical Datum: NAVD88, U.S. Feet

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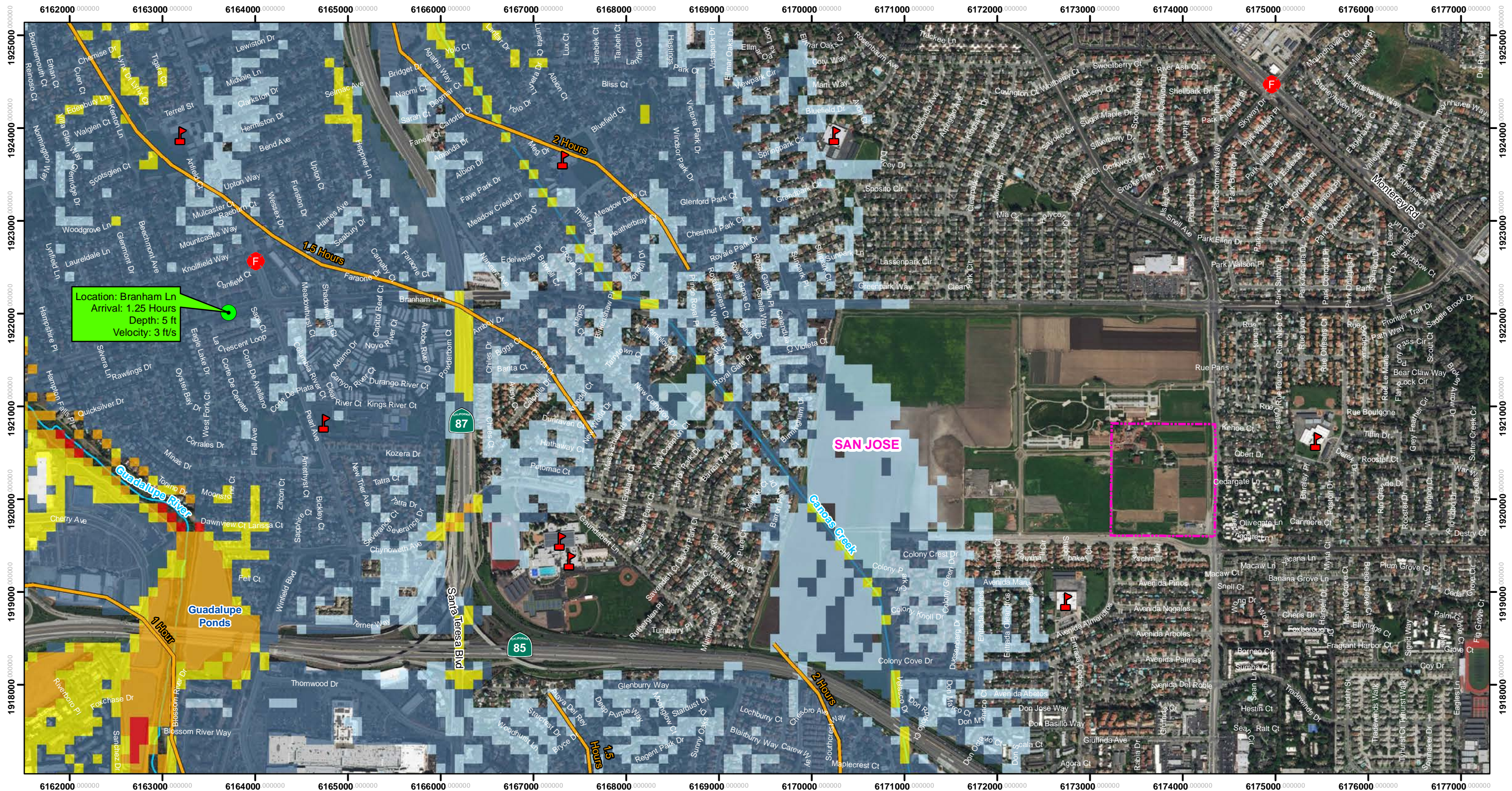
Legend

- Maximum Inundation Depth (feet)**
- <1
- 2 to 5
- 5 to 10
- 10 to 20
- Flood Wave Arrival Time
- Cities
- Schools
- Fire Stations
- Road Callouts

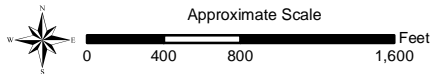
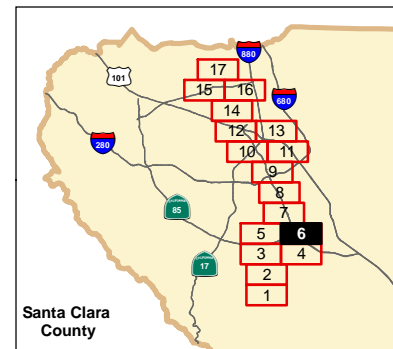
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Inundation Map for the Hypothetical Inflow Design Flood Failure of **Guadalupe Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 5 of 17
 1 in = 1,000 ft
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 August 2019
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Location: Branham Ln
 Arrival: 1.25 Hours
 Depth: 5 ft
 Velocity: 3 ft/s



Vertical Datum: NAVD88, U.S. Feet

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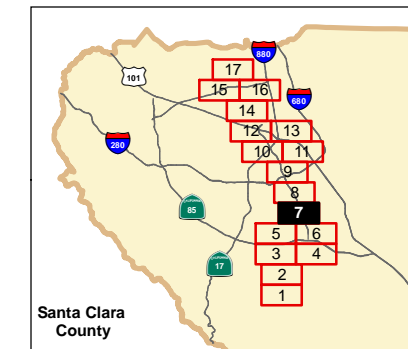
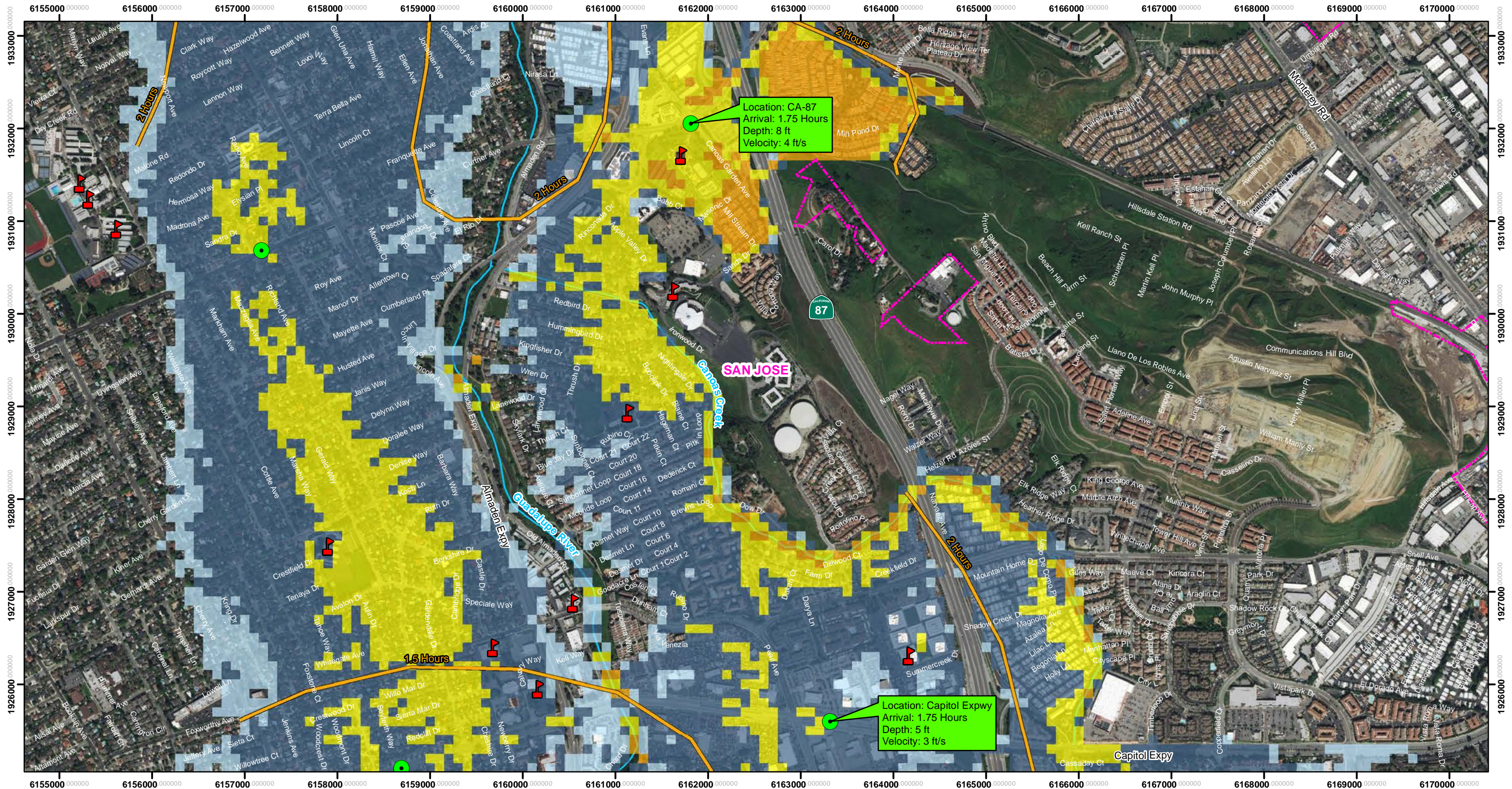
Legend

- Maximum Inundation Depth (feet)**
 - <1
 - 2 to 5
 - 5 to 10
 - 10 to 20
 - >20
- Flood Wave Arrival Time**
 - 1.25 Hours
 - 1.5 Hours
 - 2 Hours
- Cities**
- Schools**
- Fire Stations**
- Road Callouts**

Inflow Design Flood (IDF) failure assumes a dam failure at the highest calculated reservoir elevation due to a probable maximum flood



Inundation Map for the Hypothetical Inflow Design Flood Failure of **Guadalupe Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 6 of 17
 1 in = 1,000 ft
 Dam Owner: Santa Clara Valley Water District
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 San Jose CA 95118
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 August 2019
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Approximate Scale
0 400 800 1,600 Feet

Vertical Datum: NAVD88, U.S. Feet

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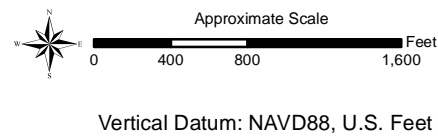
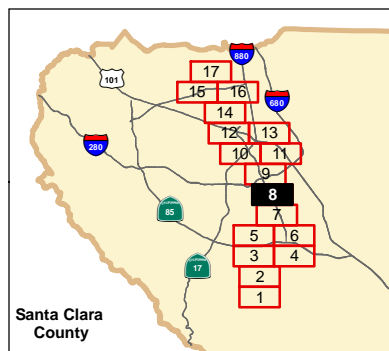
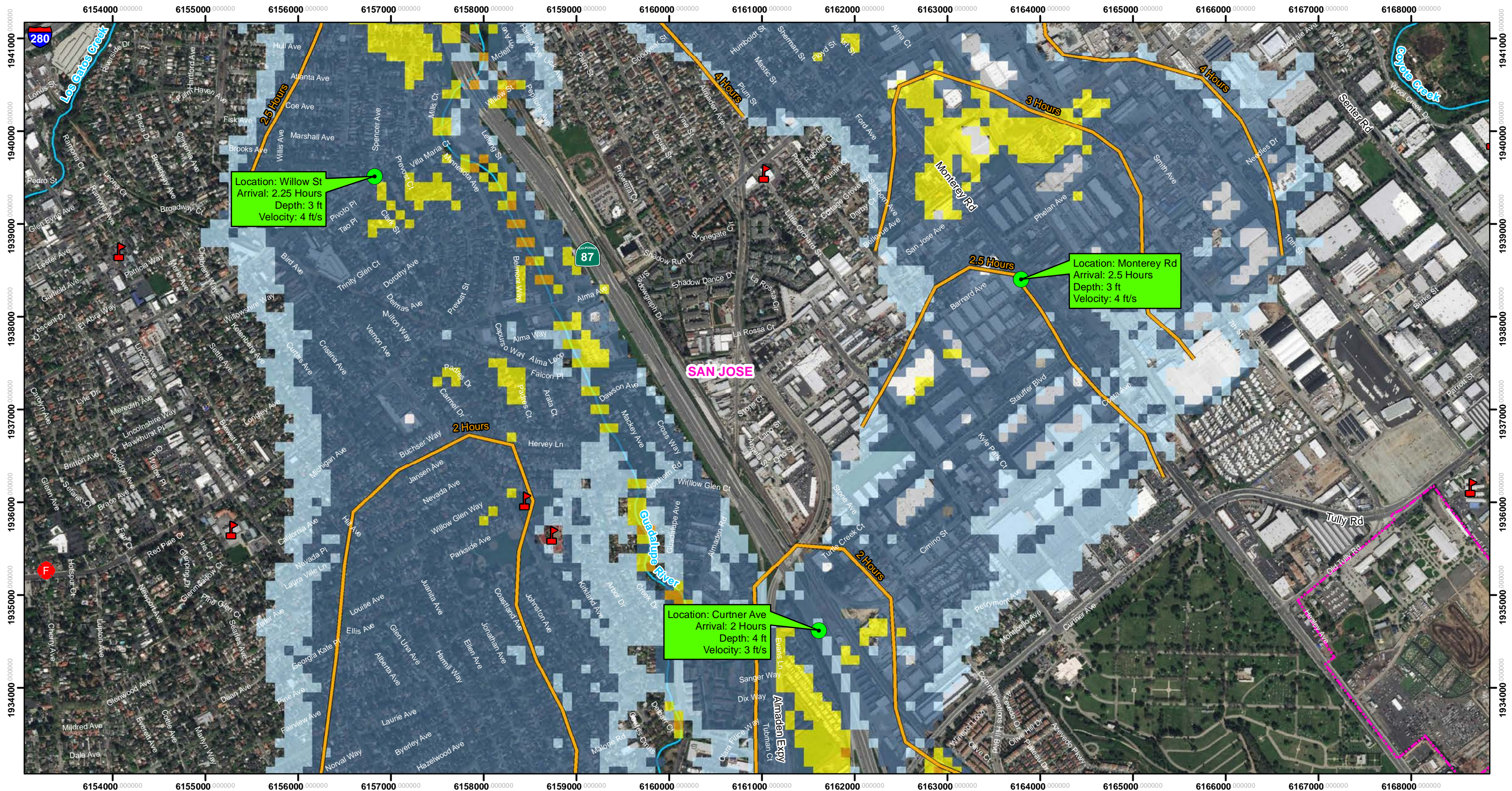
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Inundation Map for the Hypothetical Inflow Design Flood Failure of Guadalupe Dam
Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 7 of 17
1 in = 1,000 ft
Dam Owner: Santa Clara Valley Water District
5750 Almaden Exp
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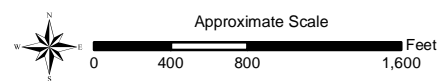
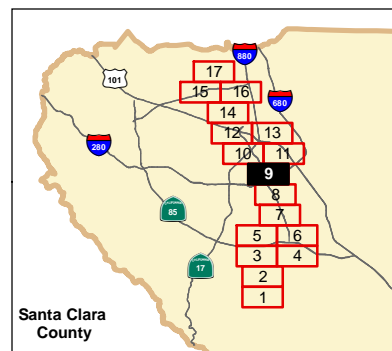
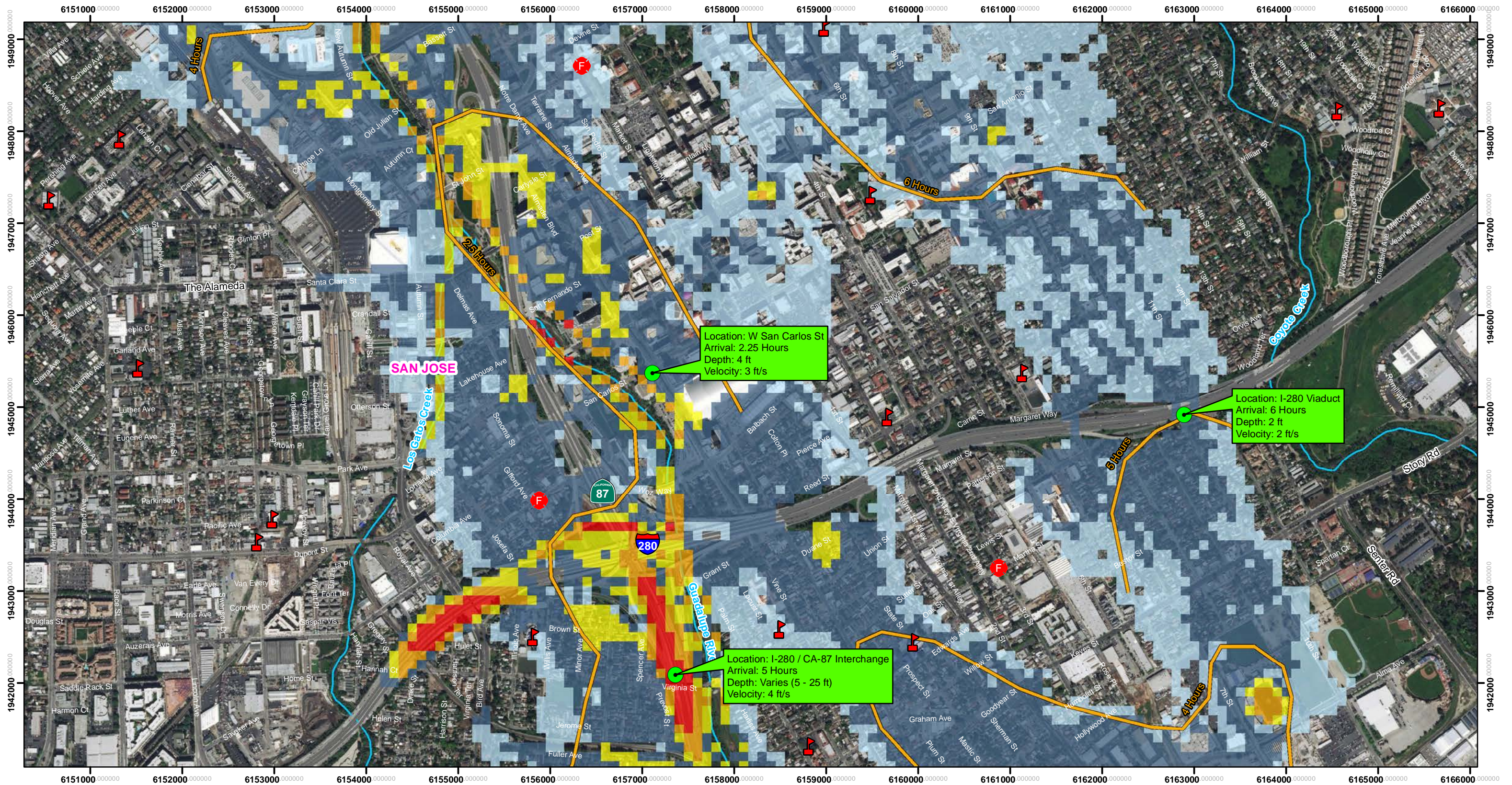
Legend

- Maximum Inundation Depth (feet)**
 - <1
 - 2 to 5
 - 5 to 10
 - 10 to 20
- Cities
- Schools
- Fire Stations
- Road Callouts
- Flood Wave Arrival Time

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Sheet 8 of 17
 1 in = 1,000 ft
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Vertical Datum: NAVD88, U.S. Feet

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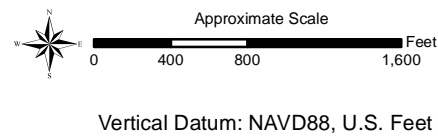
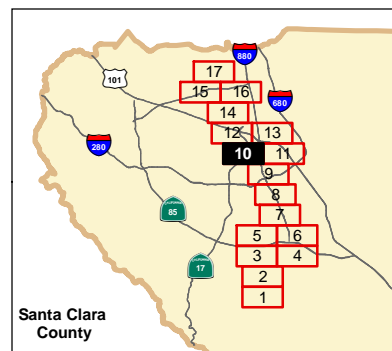
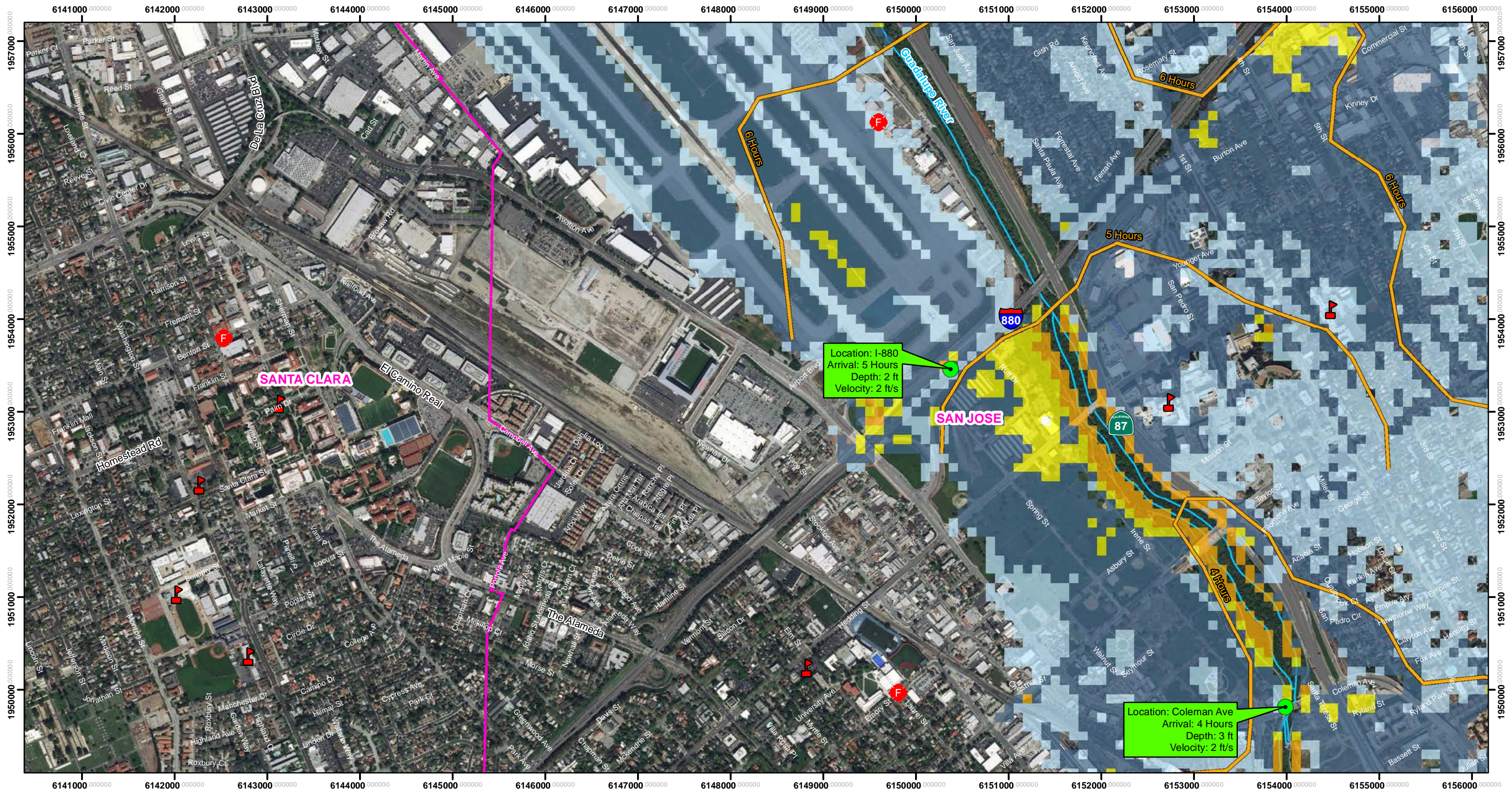
Legend

- Maximum Inundation Depth (feet)**
 - <1
 - 2 to 5
 - 5 to 10
 - 10 to 20
 - >20
- Cities
- Schools
- Fire Stations
- Road Callouts
- Flood Wave Arrival Time

Inflow Design Flood (IDF) failure assumes a dam failure at the highest calculated reservoir elevation due to a probable maximum flood



Inundation Map for the Hypothetical Inflow Design Flood Failure of **Guadalupe Dam**
Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 9 of 17
1 in = 1,000 ft
Dam Owner: Santa Clara Valley Water District
5750 Almaden Exp
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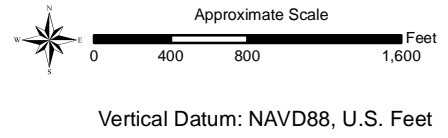
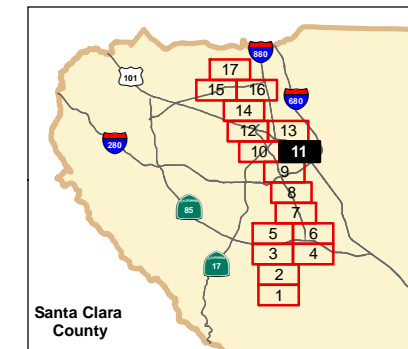
Legend

- Maximum Inundation Depth (feet)**
- <1
- 2 to 5
- 5 to 10
- 10 to 20
- Flood Wave Arrival Time
- Cities
- F Fire Stations
- S Schools
- Road Callouts

Inflow Design Flood (IDF) failure assumes a dam failure at the highest calculated reservoir elevation due to a probable maximum flood



Inundation Map for the Hypothetical Inflow Design Flood Failure of **Guadalupe Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 10 of 17
 1 in = 1,000 ft
 Dam Owner: Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
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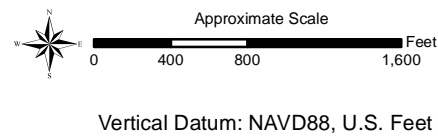
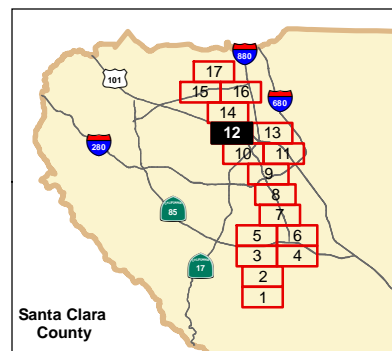
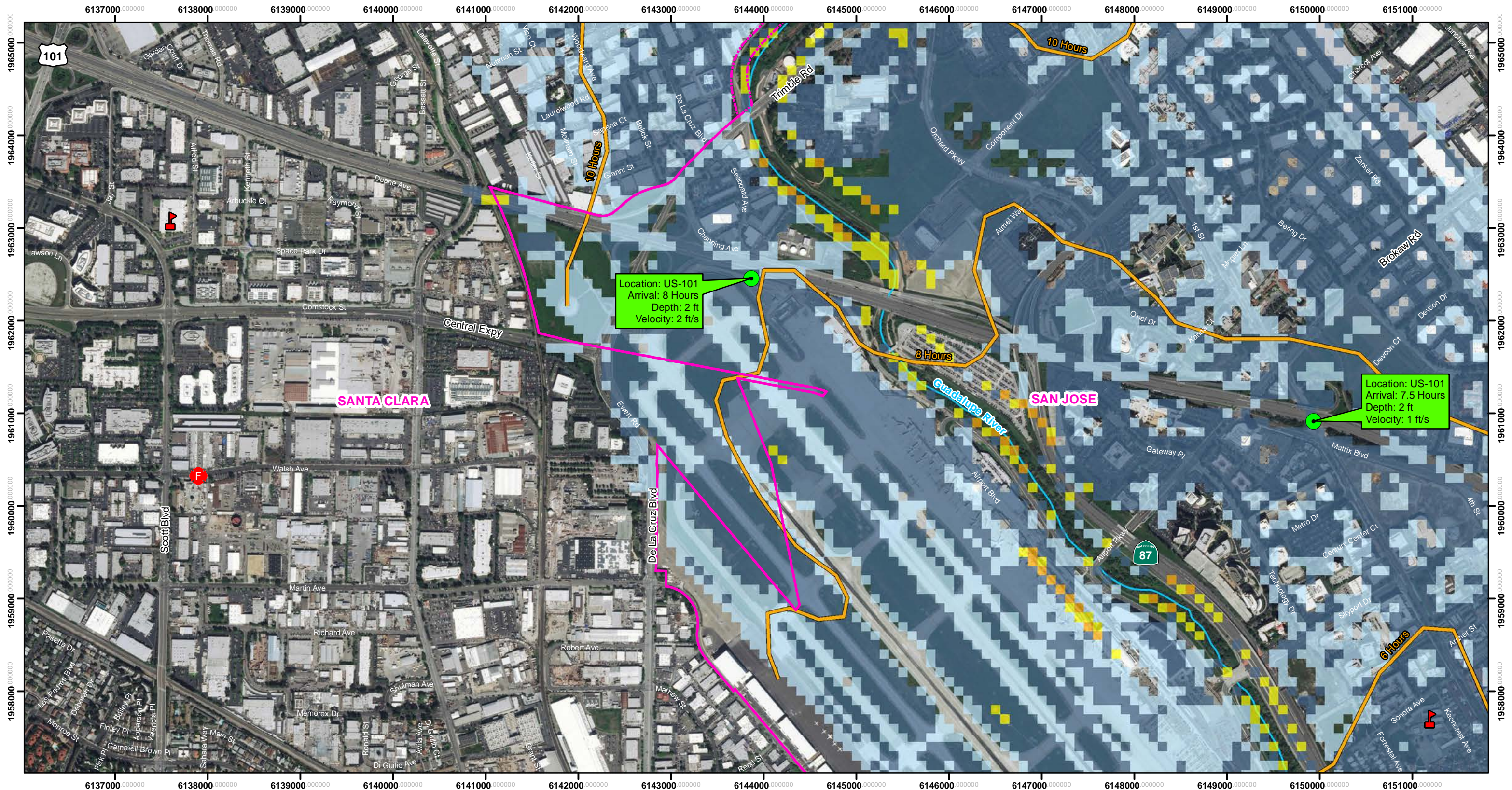
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- Legend**
- Maximum Inundation Depth (feet)
 - <1
 - 2 to 5
 - 5 to 10
 - Cities
 - Schools
 - Hospitals
 - Fire Stations

Inflow Design Flood (IDF) failure assumes a dam failure at the highest calculated reservoir elevation due to a probable maximum flood



Inundation Map for the Hypothetical Inflow Design Flood Failure of **Guadalupe Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 11 of 17
 1 in = 1,000 ft
 Dam Owner: Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
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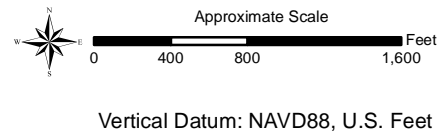
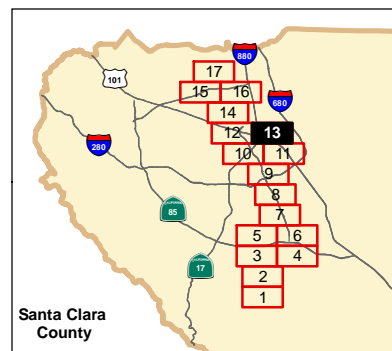
Legend

- Maximum Inundation Depth (feet)**
 - <1
 - 2 to 5
 - 5 to 10
 - 10 to 20
- Cities
- Schools
- Fire Stations
- Road Callouts
- Flood Wave Arrival Time

Inflow Design Flood (IDF) failure assumes a dam failure at the highest calculated reservoir elevation due to a probable maximum flood



Inundation Map for the Hypothetical Inflow Design Flood Failure of **Guadalupe Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 12 of 17
 1 in = 1,000 ft
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 San Jose CA 95118
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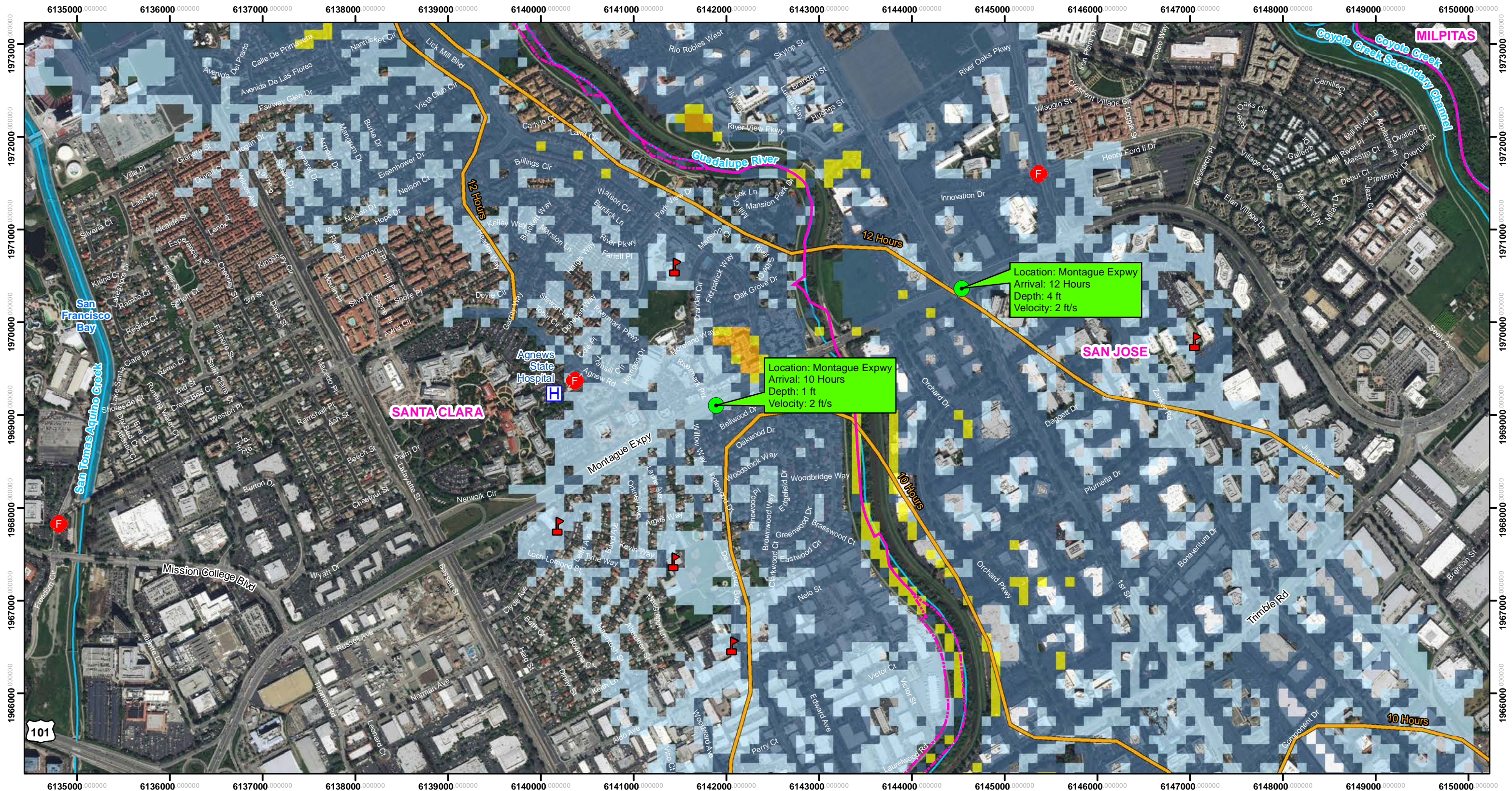
Legend

- Maximum Inundation Depth (feet)**
- <1
- 2 to 5
- 5 to 10
- 10 to 20
- >20
- Flood Wave Arrival Time
- Cities
- Dams
- Schools
- F Fire Stations

Inflow Design Flood (IDF) failure assumes a dam failure at the highest calculated reservoir elevation due to a probable maximum flood

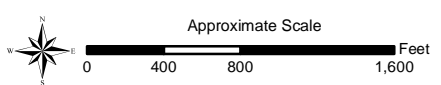
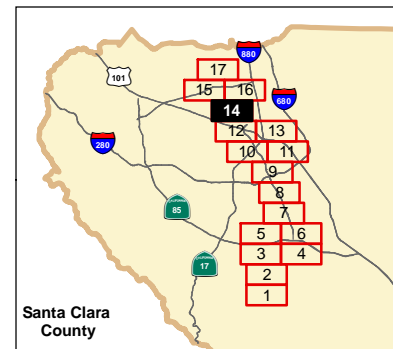


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Sheet 13 of 17
 1 in = 1,000 ft
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Location: Montague Expwy
 Arrival: 12 Hours
 Depth: 4 ft
 Velocity: 2 ft/s

Location: Montague Expwy
 Arrival: 10 Hours
 Depth: 1 ft
 Velocity: 2 ft/s



Vertical Datum: NAVD88, U.S. Feet

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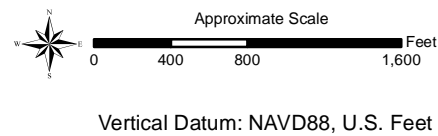
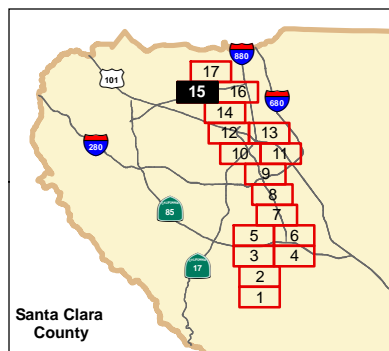
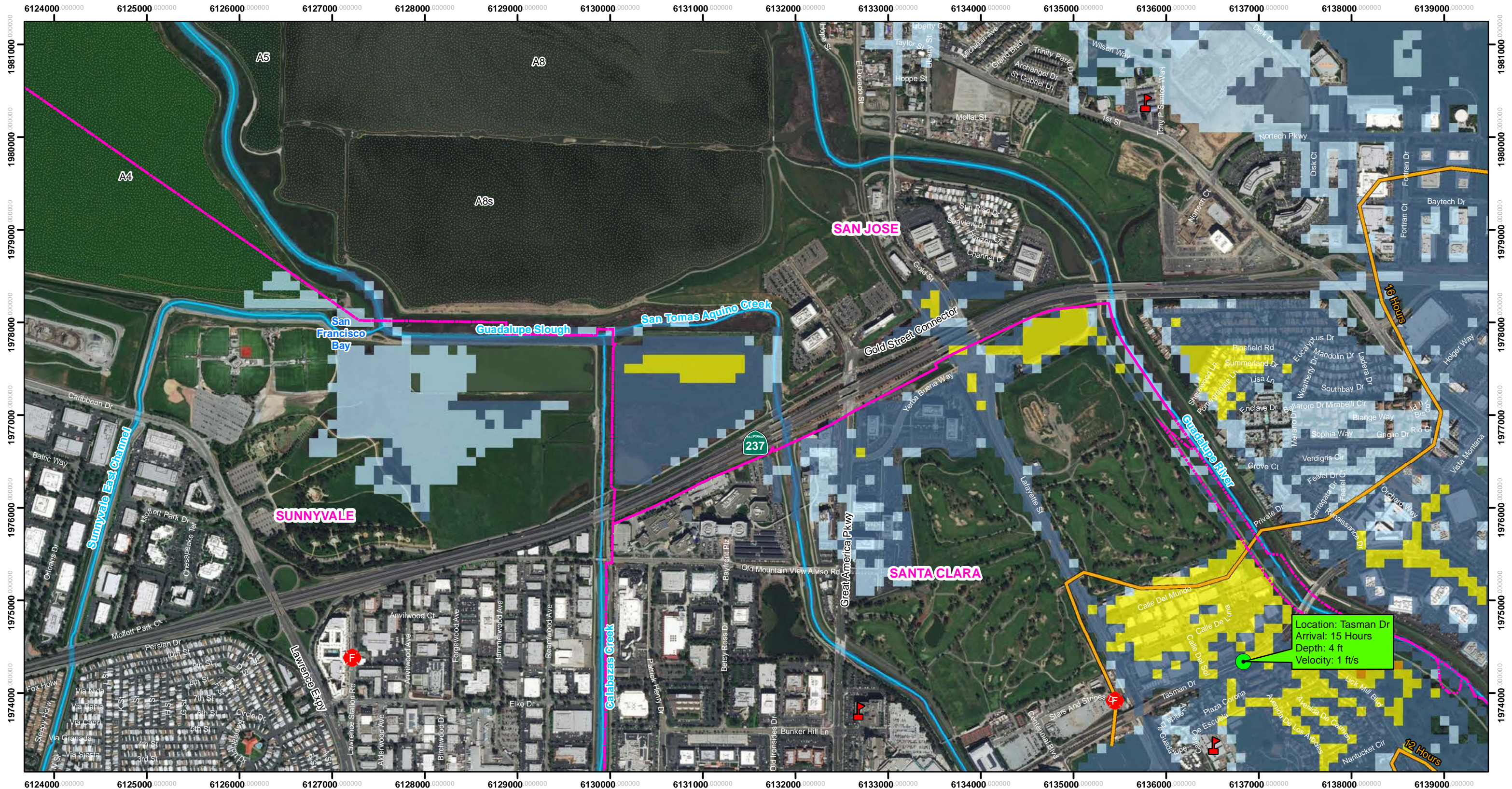
Legend

- Maximum Inundation Depth (feet)**
 - <1
 - 2 to 5
 - 5 to 10
 - 10 to 20
- Flood Wave Arrival Time**
- Cities
- Schools
- Hospitals
- Fire Stations
- Road Callouts

Inflow Design Flood (IDF) failure assumes a dam failure at the highest calculated reservoir elevation due to a probable maximum flood



Inundation Map for the Hypothetical Inflow Design Flood Failure of **Guadalupe Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 14 of 17
 1 in = 1,000 ft
 Dam Owner: Santa Clara Valley Water District
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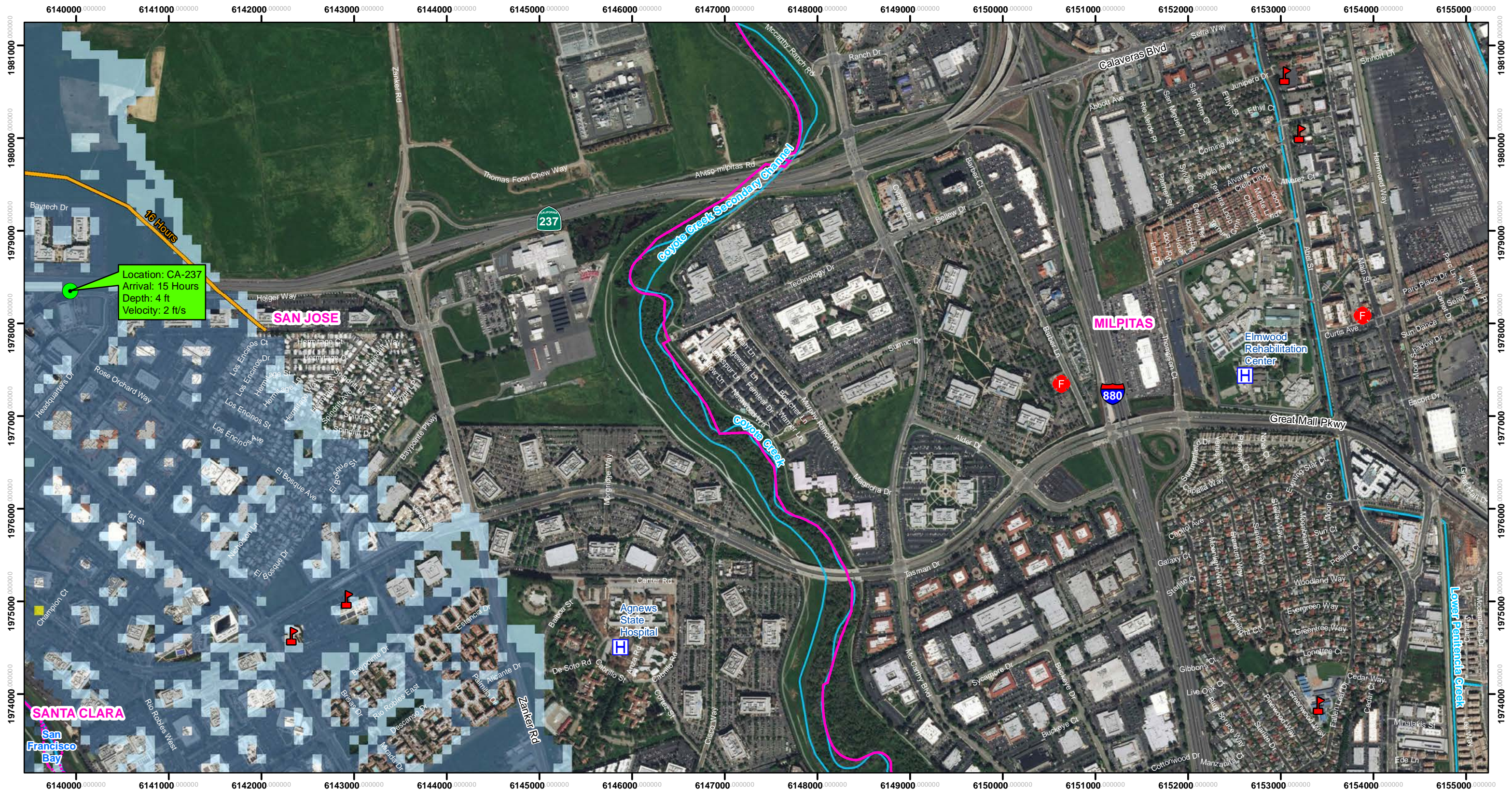
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- Maximum Inundation Depth (feet)**
 - <1
 - 2 to 5
 - 5 to 10
 - 10 to 20
- Cities
- Schools
- F Fire Stations
- Road Callouts

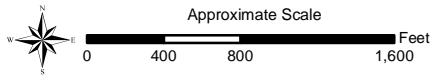
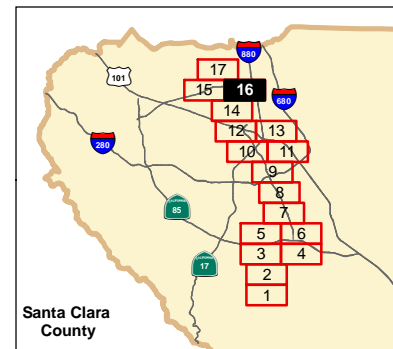
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Sheet 15 of 17
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Location: CA-237
 Arrival: 15 Hours
 Depth: 4 ft
 Velocity: 2 ft/s



Vertical Datum: NAVD88, U.S. Feet

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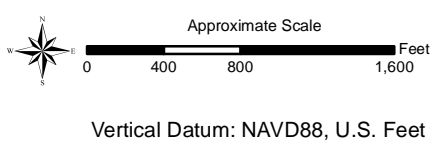
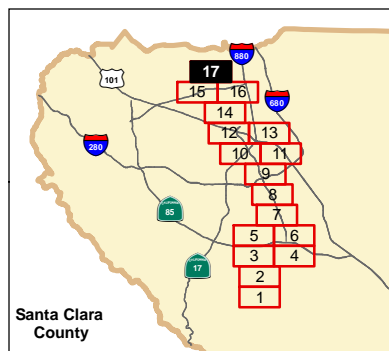
Legend

- Maximum Inundation Depth (feet)**
 - <1
 - 2 to 5
 - 5 to 10
- Flood Wave Arrival Time
- Cities
- Schools
- Hospitals
- Fire Stations
- Road Callouts

Inflow Design Flood (IDF) failure assumes a dam failure at the highest calculated reservoir elevation due to a probable maximum flood



Inundation Map for the Hypothetical Inflow Design Flood Failure of **Guadalupe Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 16 of 17
 1 in = 1,000 ft
 Dam Owner: Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
 Inundation Analysis and maps created by SCVWD
 August 2019
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- Legend**
- Maximum Inundation Depth (feet)
 - <1
 - 2 to 5
 - Cities
 - Fire Stations

Inflow Design Flood (IDF) failure assumes a dam failure at the highest calculated reservoir elevation due to a probable maximum flood



Inundation Map for the Hypothetical Inflow Design Flood Failure of **Guadalupe Dam**

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