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 and peak flood elevations and wave arrival times can vary significantly from those shown on these maps.

This map meets all applicable state and federal standards and has been prepared in accordance with Federal and state laws and regulations by a licensed civil engineer.

The Federal Dam ID: CA00294 and State Dam ID: 72-009.

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Inundation Map for the Hypothetical Fair Weather Failure of Uvas Dam

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.
The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance in the establishment of 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.
Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.

**Legend**
- **Cities**
- **Read Callouts**

**Maximum Inundation Depth (feet)**
- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- >20

**Flood Wave Arrival Time**
- 0
- 800
- 1,600
- 400

**Approximate Scale**

- **Location:** Watsonville Road (G3)
  - Arrival: 20 Minutes
  - Depth: 20 ft
  - Velocity: 25 ft/s

**Inundation Map for the Hypothetical Fair Weather Failure of Uvas Dam**

Federal Dam ID: CA00294
State Dam ID: 72-009
Sheet 3 of 28

Inundation Analysis and maps created by SCVWD
August 2019

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**Vertical Datum:** NAVD88, U.S. Feet

The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guides in 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 accordance with professional engineering standards by a licensed civil engineer.

**Location:** Watsonville Road (G3)
- Arrival: 20 Minutes
- Depth: 20 ft
- Velocity: 25 ft/s
Inundation Map for the Hypothetical Fair Weather Failure of Uvas Dam

Legend

Maximum Inundation Depth (feet)

- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- >20

Flood Wave Arrival Time

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow

*Vertical Datum: NAVD88, U.S. Feet*

The methods used to develop inundation zones and flood wave arrival times are approximations and should only be used as guidance in the establishment of evacuation zones. Actual areas inundated and predicted flood wave arrival times may differ significantly from this map due to variations in local topography and specific pre-failure conditions.

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.

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Inundation Analysis and maps created by SCVWD

August 2019

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.
The methods used to develop inundation zones and flood wave arrival time were based on a Princevalle St.

This map meets all applicable state and federal standards and has been prepared in compliance with appropriate state and federal laws. It is a Princevalle St.

**Legend**

- **Cities**: 1
- **Schools**: 2
- **Fire Stations**: 3
- **Road Closures**: 4

**Maximum Inundation Depth (feet)**

- **<1**: 1
- **1 to 2**: 2
- **2 to 5**: 3
- **5 to 10**: 4
- **10 to 20**: 5
- **>20**: 6

**Flood Wave Arrival Time**

- **<1**: 7
- **1 to 2**: 8
- **2 to 5**: 9
- **5 to 10**: 10
- **10 to 20**: 11
- **>20**: 12

**Note**: Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.

**Location**: Recker Pass Way (152)
- Arrival: 35 Minutes
- Depth: 25 ft
- Velocity: 20 ft/s

**Location**: Santa Teresa Blvd
- Arrival: 50 Minutes
- Depth: 25 ft
- Velocity: 10 ft/s

**Neutral Dr**

**Uvas Creek**

**Hypothetical Fair Weather Failure of Uvas Dam**
The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance in the establishing inundation zones. Actual areas inundated 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.

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.

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

Vertical Datum: NAVD88, U.S. Feet

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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.

Inundation Map for the Hypothetical Fair Weather Failure of Uvas Dam
Federal Dam ID: CA00294     State Dam ID: 72-009
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Inundation Map for the Hypothetical Fair Weather Failure of Uvas Dam

Federal Dam ID: CA00294     State Dam ID: 72-009
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Legend

- Cities
- Dams
- Schools
- Road Callouts

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow

Vertical Datum: NAVD88, U.S. Feet

The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance for establishing inundation zones. Actual areas inundated will vary depending 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.

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August 2019
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.

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.
Legend

Maximum Inundation Depth (feet)

- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.

The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance in the establishing evacuation zones. These data are intended not to provide a legal basis for evacuation, but to be used for planning and emergency management purposes.

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.

Additional information and data can be found in the map legend and in the map data source.
The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as a guide to help establish evacuation zones, in place of more reliable data that reflects the combined effects of all potential hazards. 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.

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.
Inundation Map for the Hypothetical Fair Weather Failure of Uvas Dam

Federal Dam ID: CA00294     State Dam ID: 72-009
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Vertically Datum: NAVD88, U.S. Feet

The methods used in developing and finalizing the are approximate and should only be used as guidance in the establishing evacuation zones. These data are based on the best available information and failure conditions. 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.

This map assumes a dam failure at full capacity at the spillway lip without any additional inflow.

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August 2019
The methods used to develop inundation maps 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.

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.
The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance in the 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.

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.
The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance in the establishment of evacuation zones. Actual areas inundated will depend on actual failure and pre-failure hydrologic conditions and may differ significantly from information shown on this map.

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)  Cities

- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- >20

Flood Wave Arrival Time

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.
Location: Chittenden Road (129)
Arrival: 7.5 Hours
Depth: 10 ft (In Channel)
Velocity: 4 ft/s

Legend
Maximum Inundation Depth (feet)

- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- >20

Legend
Cities
Road Callouts

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.

The methods used to develop available 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.

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Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.

The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance in establishing inundation zones, a fact that is illustrated and presented in a disclaimer that accompanies the map. This disclaimer advises the user to consult actual data for more detailed, site-specific analysis.

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.
The methods used to develop the inundation zones and flood wave arrival times are approximate and should only be used as guidance in the establishment of evacuation zones. Actual inundation areas and flood wave arrival times may differ significantly from the 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.
The methods used to develop inundation maps 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.

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.

Location: Murphy Road
Annual: 11+ Hours
Depth: Contained in Channel
Velocity: 4 ft/s

Legend

Maximum Inundation Depth (feet)

- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20

Road Callouts

Cities

Municipalities

Pajaro River
Location: Murphy Road
Arrival: 11+ Hours
Depth: Contained in Channel
Velocity: 4 ft/s
Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.

Vertical Datum: NAVD88, U.S. Feet

The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance in the establishment 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.

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Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.

The methods used to develop inundation areas 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.

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Pajaro River

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.

Legend

Cities

Vertical Datum: NAVD88, U.S. Feet

The methods used to develop inundation maps and flood wave arrival times are approximate and should only be used as guidance in the establishing evacuation zones. Actual areas inundated 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.

Inundation Map for the Hypothetical Fair Weather Failure of Uvas Dam
Federal Dam ID: CA00294 State Dam ID: 72-009
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1 in = 1,000 ft

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Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.
The methods used to develop inundation maps 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.

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.
The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance in the establishing evacuation zones. Actual areas inundated will 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.

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.
Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow.