Inflow Design Flood (IDF) failure assumes failure of both the main dam and auxiliary dam at the highest calculated reservoir elevation due to a probable maximum flood.
Inflow Design Flood (IDF) failure assumes failure of both the main dam and auxiliary dam at the highest calculated reservoir elevation due to a probable maximum flood.

Legend

<table>
<thead>
<tr>
<th>Maximum Inundation Depth (feet)</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;20</td>
<td>Red</td>
</tr>
<tr>
<td>10 to 20</td>
<td>Orange</td>
</tr>
<tr>
<td>5 to 10</td>
<td>Yellow</td>
</tr>
<tr>
<td>2 to 5</td>
<td>Green</td>
</tr>
<tr>
<td>&lt;1</td>
<td>Gray</td>
</tr>
</tbody>
</table>

Road Callouts

Schools

Location: Harry Road
Arrival: 20 Minutes
Depth: 25 ft
Velocity: 25 fps

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 not accurately represent areas inundated by a probable maximum flood.

The methods used to develop Flood Wave Arrival Times and corresponding inundation zones were prepared for use in the inundation analysis and maps by licensed civil engineers.

This map meets all applicable state and federal standards and has been prepared in consideration of all potential downstream hazards due to a probable maximum flood.

Calero Dam and Calero Auxiliary Dam

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

Inundation Map for the Hypothetical Fair Weather Failure of Calero Dam and Calero Auxiliary Dam

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Sheet 2 of 20

1 in = 1,000 ft

Santa Clara Valley Water District

Released August 2019

Prepared by SCVWD
Inflow Design Flood (IDF) failure assumes failure of both the main dam and auxiliary dam at the highest calculated reservoir elevation due to a probable maximum flood.
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The methods used to develop inundation zones and flood wave arrival times are based on assumptions and data collected to determine potential flood levels. Actual areas inundated will depend on actual failure and flood wave conditions and may vary from those shown on the map.

The map shows approximate scale and approximate graduation in feet. Actual flood wave conditions and inundation boundaries may vary from those shown.

Inflow Design Flood (IDF) failure assumes failure of both the main dam and auxiliary dam at the highest calculated reservoir elevation due to a probable maximum flood.
Inflow Design Flood (IDF) failure assumes failure of both the main dam and auxiliary dam at the highest calculated reservoir elevation due to a probable maximum flood.

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

Legend
- Cities
- Schools
- Fire Stations

Legend
- City
- Schools
- Fire Stations

Inundation Map for the Hypothetical Far Weather Failure of Calero Dam and Calero Auxiliary Dam

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

Sheet 9 of 20
1 in = 2,000 ft

Santa Clara Valley Water District
California

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Created by SCVWD
Legend

Maximum Inundation Depth (feet)

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

Inflow Design Flood (IDF) failure assumes failure of both the main dam and auxiliary dam at the highest calculated reservoir elevation due to a probable maximum flood.

Location: 1.2001 Coleman
Arrival: 3.5 Hours
Depth: 3 ft
Velocity: 5 ft/s

Location: Coleman Ave
Arrival: 2.75 Hours
Depth: 5 ft
Velocity: 5 ft/s

Inundation Analysis and maps created by SCVWD.

The methods used to develop inundation areas and flood wave arrival times are appropriate and suitable for locating inundation areas. Actual flooded areas will depend on actual future water storage and hydrologic conditions, and this map serves as an indication of approximate inundation areas. It has been prepared for implementation of a probable maximum flood event.

Vertical Datum: NAVD88, U.S. Feet

Inundation Map for the Hypothetical Fair Weather Failure of Calero Dam and Calero Auxiliary Dam

Federal Dam ID: CAN019
State Dam ID: TI-009
Sheet 13 of 20
3 ft = 1,000 ft

Scotts Valley, Santa Clara County
San Jose, California

©2019 Scotts Valley Water District

This map meets all applicable state and federal standards and has been prepared in compliance with the procedures and standards issued by federal and state agencies.

August 2019
Inflow Design Flood (IDF) failure assumes failure of both the main dam and auxiliary dam at the highest calculated reservoir elevation due to a probable maximum flood.

The methods used to develop inundation zones and flood wave arrival times are representative of a single, hypothetical flood event and should not be used for making decisions about flood hazard. Actual flood inundation depend on actual failure and pre-failure hydrologic conditions and may differ from the proposed inundation zones.

This map meets all applicable state and federal standards and has been prepared in compliance with local and state regulations by the Department of Water Resources.

Vertical Datum: NAVD88, U.S. Feet

Approximate Scale: 1 in = 1,000 ft

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Created by SCVWD
San Jose CA 95118

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

Sheet 14 of 20

Inlet Designation Map for the Hypothetical Fair Weather Failure of Calero Dam and Calero Auxiliary Dam

Inlet Designation Map created by SCVWD

August 2019

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Inflow Design Flood (IDF) failure assumes failure of both the main dam and auxiliary dam at the highest calculated reservoir elevation due to a probable maximum flood.

Legend

Maximum Inundation Depth (feet)

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

Inundation Analysis and maps created by SCVWD

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Inflow Design Flood (IDF) failure assumes failure of both the main dam and auxiliary dam at the highest calculated reservoir elevation due to a probable maximum flood.
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