

TIME OF INUNDATION



HYPOTHETICAL Levee Failure
 Levee crown 23.2' toe 10.2'
 Breach width 650'

LEGEND

Hypothetical Levee Failure Location
 Arrows Indicate Breach Extents

18' Effective FEMA Base Flood Elevation (feet)
 (Date 2/16/2012)

LEVEES
 Project
 Non-Project

CRITICAL INFRASTRUCTURE
 Bridge Over Waterway
 Fire Station
 Police Station
 School

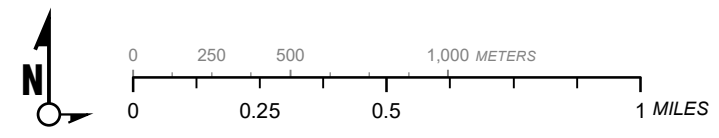
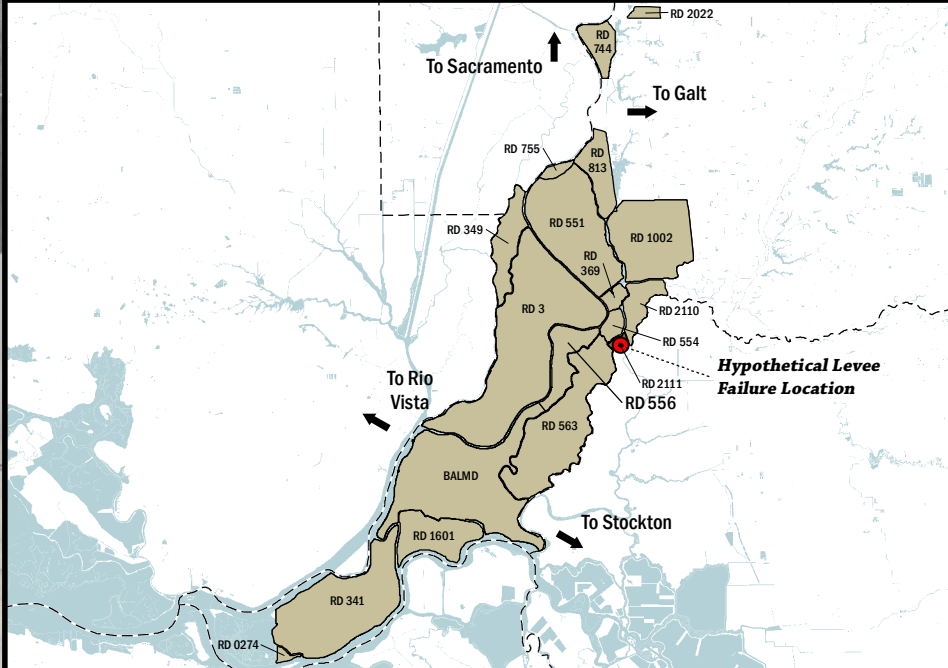
TIME TO 1^{FT} INUNDATION

0 hrs
1 hr
2 hrs
3 hrs
4 hrs
5 hrs
6 hrs
7 hrs
8 hrs
9 hrs
10 hrs
15 hrs
20 hrs
25 hrs

----- DAY 1

NOTES

- The hypothetical levee failure is arbitrary. The time to 1 foot inundation results are approximate. Similar results would occur from a failure anywhere along the Mokelumne River levee.
- Elevations are provided in NAVD88 datum.
- The levee failure opening width was an approximation based on the difference between the maximum water surface elevation and the landside toe times 50.



1" = 2000 ft
 1:24,000

Delta Flood Emergency Safety Plan
 Sacramento County, California

RD 2111



ESTIMATED TIME OF INUNDATION FOR A HYPOTHETICAL LEVEE FAILURE LOCATED AT MOKELUMNE RIVER

May 2017

Figure D1B