



Sam Veloz, Point Blue Conservation Science  
January 29, 2015



# Weather: for the lay person

7-Day Forecast for Latitud x  
forecast.weather.gov/MapClick.php?CityName=Point+Reyes+Station&state=CA&site=MTR&textField1=38.0692&textField2=-12

## NATIONAL WEATHER SERVICE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER WEATHER SAFETY INFORMATION CENTER NEWS SEARCH ABOUT

Local forecast by "City, St" or ZIP code  
Enter location ...  [Location Help](#)

**Severe weather possible across portions of central, northern Plains**  
The NWS Storm Prediction Center is forecasting a risk of severe thunderstorms Thursday afternoon and evening for two areas across the central and northern Plains: one area includes parts of northern Nebraska, western and southern South Dakota and northeastern Wyoming. The other area at risk includes parts of northern North Dakota. Damaging wind and large hail will be the primary threats.  
[Read More...](#)

[En Español](#)  
[Share](#) | [f](#) | [t](#) | [g+](#) | [M](#)

### Current Conditions

 Fair  
**73°F**  
23°C

Humidity 57%  
Wind Speed NE 8 MPH  
Barometer 29.92 in  
Dewpoint 57°F (14°C)  
Visibility 10.00 mi  
Last Update on 10 Jul 1:15 pm PDT

Current conditions at:  
Novato / Gross Field (KDVO)  
Lat: 38.14178°N Lon: 122.55483°W Elev: 3ft.  
[More Local Wx](#) | [3 Day History](#) | [Mobile Weather](#)

### Point Reyes CA

7 Day Forecast

For More Weather Information:  
[San Francisco Bay Area/Monterey, CA](#)  
[Local Forecast Office](#)

THIS AFTERNOON	TONIGHT	FRIDAY	FRIDAY NIGHT	SATURDAY	SATURDAY NIGHT	SUNDAY	SUNDAY NIGHT	MONDAY
								
Mostly Cloudy High: 67°F	Chance Drizzle Low: 53°F	Chance Drizzle High: 67°F	Patchy Fog Low: 51°F	Patchy Fog High: 69°F	Patchy Fog Low: 51°F	Patchy Fog High: 72°F	Patchy Fog Low: 51°F	Patchy Fog High: 72°F

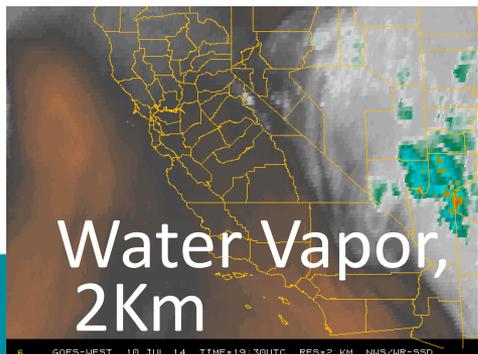
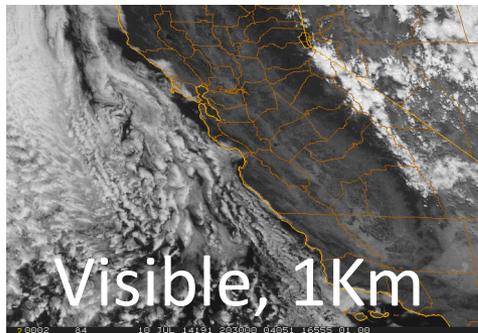
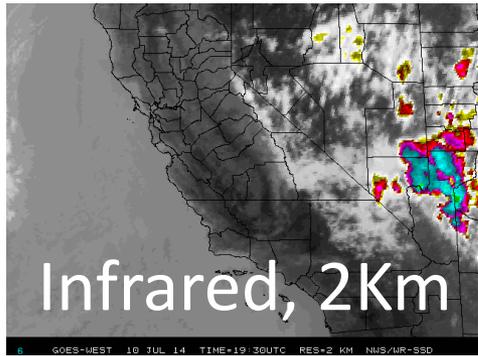
### Detailed Forecast

This Afternoon	Mostly cloudy, with a high near 67. South southwest wind around 9 mph.
Tonight	A chance of drizzle after 11pm. Patchy fog after 11pm. Otherwise, cloudy, with a low around 53. Southwest wind 5 to 10 mph becoming light south after midnight.
Friday	A chance of drizzle before 11am. Patchy fog before 11am. Otherwise, mostly cloudy, with a high near 67. Calm wind becoming south southwest 5 to 8 mph in the afternoon.
Friday Night	Patchy fog after 11pm. Otherwise, mostly cloudy, with a low around 51. Southwest wind 3 to 8 mph.
Saturday	Patchy fog before 11am. Otherwise, mostly sunny, with a high near 69. West wind 3 to 7 mph.
Saturday Night	Patchy fog after 11pm. Otherwise, mostly cloudy, with a low around 51.

Topographic



# Weather: for the professional



AS OF 1:15 PM PDT THURSDAY...FORECAST FOCUS TODAY CONTINUED ON LOW END THUNDERSTORM CHANCES IN THE EXTREME NORTHEAST PORTIONS OF NAPA COUNTY. AS THE UPPER LOW SPINS SLOWLY TOWARDS THE COAST TONIGHT...AND IMPULSE LIFTING NORTH AROUND THE LOW WILL HELP PROVIDE SOME LIFT TO ACT ON MID LEVEL MOISTURE. MUCAPE AND TT FIELDS INDICATE AT LEAST A LOW END THREAT FOR THUNDERSTORMS ACROSS NORTHEAST NAPA COUNTY TONIGHT...PRIMARILY AFTER 09Z /2 AM PDT/. THE AREA REMAINS ON THE SOUTHERN EDGE OF A VERY TIGHT INSTABILITY GRADIENT WHICH WILL FAVOR SACRAMENTO AREA AND POINTS NORTHWARD FOR MORE SIGNIFICANT THUNDERSTORM DEVELOPMENT BUT GIVEN THE FAVORABLE PARAMETERS WILL MENTION THIS LOW END THUNDERSTORM THREAT AFTER COORDINATION WITH NEIGHBORING OFFICES. THREAT WILL END BY AROUND SUNRISE FRIDAY AND THE INSTABILITY GRADIENT LIFTS NORTH OUT OF THE AREA. THE UPPER LOW AND THE SHORTWAVE TROUGH RESPONSIBLE FOR THIS WILL THEN LIFT BACK WESTWARD ACROSS THE PACIFIC AND HEIGHTS WILL RIDGE AGAIN ACROSS THE AREA.

## WELCOME

Our Coast, Our Future (OCOF) is a collaborative, user-driven project focused on providing San Francisco Bay Area coastal resource and land use managers and planners locally relevant, online maps and tools to help understand, visualize, and anticipate vulnerabilities to sea level rise and storms within the bay and on the outer coast from Half Moon Bay to Bodega Bay.



### San Francisco Bay data available

OCOF now includes San Francisco Bay results, as well as exciting new features in the online flood map, including integration of the King Tide Project photo archive.



Ocean Beach  
Learn more about our project. >>



Embarcadero  
Explore the potential for flooding. >>



Rio Del Mar  
Participate in OCOF events. >>

### Get Started Now >>

If you are new to OCOF, check out our Get Started page to understand more about this project and how to effectively use the data and tools in your work.

# Project Team



## **Grant Ballard, OCOF Co-PI, Tool Development**

Grant Ballard is Chief Science Officer at PRBO Conservation Science. He works in both ecology and bioinformatics and currently leads several projects investigating, communicating, and mitigating the effects of large-scale environmental change on ecosystems in western North America and the Southern Ocean. Originally from St. Thomas, US Virgin Islands, he has made the Bay Area his home since 1991.



## **Patrick Barnard, OCOF Co-PI, Model Development**

Patrick Barnard has been a coastal geologist with the USGS Pacific Coastal and Marine Science Center in Santa Cruz since 2003. His research focuses on the dynamics and evolution of the high-energy beaches and estuaries of California, with an emphasis on storm- and climate-change related impacts. He is a member of the Bay Area Ecosystem Climate Change Consortium (BAECCC) and the West Coast Governor's Agreement (WCGA) Climate Action Team, and serves on the Editorial Board for the *Journal of Coastal Research*. He received a BA from Williams College, MS from University of South Florida, and PhD from UC Riverside.



## **Kelley Higgason, OCOF Project Coordinator**

Kelley Higgason is the Ocean Climate Initiative Coordinator for NOAA's Gulf of the Farallones National Marine Sanctuary (GFNMS). Her work with the sanctuary involves addressing climate change impacts to marine ecosystems through regional partnerships, outreach, and adaptive management, and currently also oversees the GFNMS Ocean Climate Indicators project. Kelley is a member of the Office of National Marine Sanctuaries Climate Subcommittee, the West Coast Sanctuaries Ocean Acidification Task Force, and the Bay Area Ecosystems Climate Change Consortium. She participated on the writing team for the NOAA West Coast Ocean Acidification Research Plan, and was joint editor of the collaborative report, *Climate*

## Contacts

### **Kelley Higgason**

Project Coordinator

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Collaboration Lead

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### **Michael Fitzgibbon**

Tool Development

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### **Patrick Barnard**

co-Principal Investigator

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### **Grant Ballard**

co-Principal Investigator

[gballard@prbo.org](mailto:gballard@prbo.org)

# Getting Started Using Our Coast, Our Future (OCOF)

Thank you for using the Our Coast, Our Future website. The following steps will help you get started using the modeling results for sea level rise and storm surge in the San Francisco Bay area.

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## Create an account.

Start by [registering for an account](#). You must create an account in order to access the interactive map. Registering allows us to notify you when data is updated and to keep you informed if any changes are made to the site.

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## Get familiar with the project.

If you are brand new to OCOF, we suggest you look over these resources to get a quick introduction to the project and how OCOF can benefit your work.



### Overview

If you are unfamiliar with OCOF, [this two-page introduction](#) will provide an overview of the project and the tools available on this website.

### How OCOF can help you.

[Read about](#) who this project was developed for, what types of planning and outreach can benefit from this information, and where OCOF fits in the climate change adaptation planning process.

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## Learn how to use the online tools.

OCOF provides sea level rise and storm surge scenarios for the San Francisco Bay Area. These resources will help you navigate the online tools we have available to explore these results.

### Tutorials

Take a few minutes and watch the [Project Overview and Flood Map tutorials](#). These two short videos will introduce you to the project, and describe how to use the tools available on this website.

### Frequently Asked Questions about OCOF

We have provided [answers to frequently asked questions](#) about the OCOF project including general information, geographic coverage, data used, model development, and the flood mapping tool.

## Frequently Asked Questions about Our Coast, Our Future (OCOF)

Please click on a question to reveal the answer.

### GENERAL

What is OCOF?

Our Coast, Our Future (OCOF) is a collaborative, user-driven project focused on providing San Francisco Bay Area coastal resource managers and planners locally relevant, online maps and tools to help understand, visualize, and anticipate vulnerabilities to sea level rise and storms.

Project objectives include: modeling vulnerabilities from sea level rise and storm hazards, including factors such as water levels, wave heights, flooding, and erosion; using a collaborative product development process to meet stakeholders' information needs; mapping infrastructure and ecosystem vulnerabilities at scales relevant to planning and management; developing products in accessible, user-friendly formats that can be easily applied to local planning efforts; and providing training and targeted in-depth technical assistance on the use of the decision-support tools.

Final products include: Seamless Digital Elevation Model (DEM) at 2 meter horizontal resolution for the San Francisco Bay Area; suite of sea level rise projections between 0 - 2 meters, with a 5 meter extreme, plus storm scenarios using the Coastal Storm Modeling System (CoSMoS); interactive maps overlaying infrastructure and ecosystem vulnerabilities; online and downloadable data access for use in restoration, adaptation and response planning, tailored to stakeholders' information needs; and report presenting the project findings and assessing impacts.

How can the OCOF scenario models and flood map help me?

How is this tool different from other sea level rise mapping efforts?

What is the difference between the Paint Blue Future San Francisco Bay Tidal Marshes website and OCOF?

GEOGRAPHIC COVERAGE

## Known Issues for Models in Our Coast, Our Future (OCOF)

Please click on a topic to reveal the information.

### REGIONAL ISSUES - Outer Coast

Bodega Bay

Drakes Estero

Tomaes Bay

Point Reyes Beach

Abbott Lagoon

Stinson Beach

Rodeo Lagoon

Lake Merced

Laguna Salada

Pacifica

### REGIONAL ISSUES - In San Francisco Bay

South Bay

Suisun Bay

San Pablo Bay (including Napa and Petaluma Rivers)

The flooding extents in the marshes of this area are under-predicted due to dense vegetation related elevation offsets. Maximum flood potential indicates more probable flooding extents in these locations.

Multiple instances of non-progressive<sup>7</sup> flooding behavior are exhibited in this region. Areas affected included ponds and leveed marshes to the north of San Pablo Bay in vicinity Russ Island, areas surrounding Napa River, and some marshes neighboring the upper portions of Petaluma River and near Novato.

100-year storm scenario flooding extents in vicinity Petaluma River and Novato may be under-predicted, while flooding extents for the 20-year storm scenarios may be under-predicted in the upriver portions (north of China Slough) neighboring Napa River. Particularly disproportionate flooding extents have been manually adjusted to show more probable flooding behavior.

SFO and OAK airports

Foster City and Redwood City

## Tutorials

Click on the images below to watch some short videos that introduce you to the tools on this website. The tools are aimed at San Francisco Bay Area coastal resource and land use managers and planners

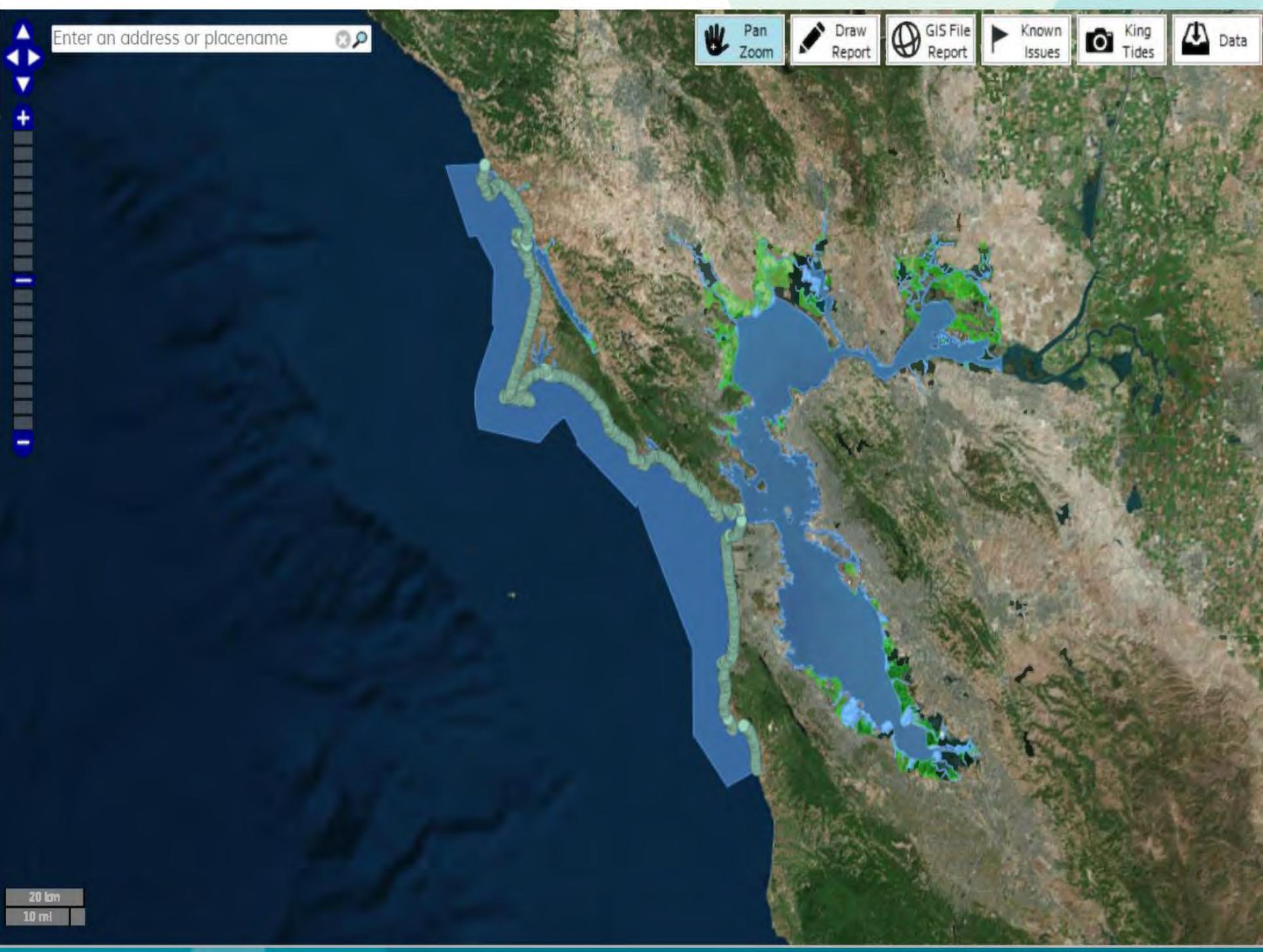
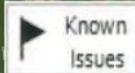
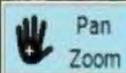
OCOF overview (2'45)



Map Tutorial (6'50)



Enter an address or placename



20 km  
10 mi



get started  
clear  
recenter

1) Choose a topic.

**Flooding** shows the inundation due to SLR, waves, and storm surge.

Flooding	Waves
Current	Duration
Flood Potential	

[What do the Topics represent?](#)

Compare Flooding Scenarios

2) Choose an Amount of Sea Level Rise (cm).

0	25	50	75	100	125
150	175	200	500	<a href="#">Use feet!</a>	

[What Sea Level Rise scenario should I use?](#)

3) Choose an Event

Choose Storm Scenario Frequency

None	Annual	20 year	100 year
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Or Choose King Tide Scenario

Detail View

20 km  
10 mi

Enter an address or placename

Pan Zoom   
 Draw Report   
 GIS File Report   
 Known Issues

**OCOF Interactive Map Help**

**OCOF Interactive Map Help**

A [short video tutorial](#) about using this tool is available on You Tube.

Enter an address or placename in the area at the top of the map and click the magnifying glass to zoom into a specific location.

Select the buttons on the left to choose a combination of:

- 1) the Topic you are interested in
- 2) an amount of Sea Level Rise in centimeters
- 3) a Storm Scenario

Switch between different levels of Sea Level Rise and Storm Scenarios to see changes in storm intensity and water levels. Turn on Other Layers to see the effects relative to natural and built features within your area of interest.

If you need help with choosing a Sea Level Rise amount, [click here](#) to view a comparative look at current global and state projections.

The icons in the upper right part of the window provide the following functionality:

- Pan Zoom** Panning and zooming in the map with your mouse.
- Draw Report** Create a report for an area of interest by clicking on the map to define the boundary, finish by double-clicking.
- GIS File Report** Create a report using your own GIS file to define your area of interest by uploading a KML, KMZ or zipped SHP file.



None Annual 20 year 100 year

Or Choose  
**King Tide Scenario**

King Tide

[What are Storm Scenarios?](#)  
[What is a King Tide scenario?](#)

**4) Choose other layers to view with topic data.**

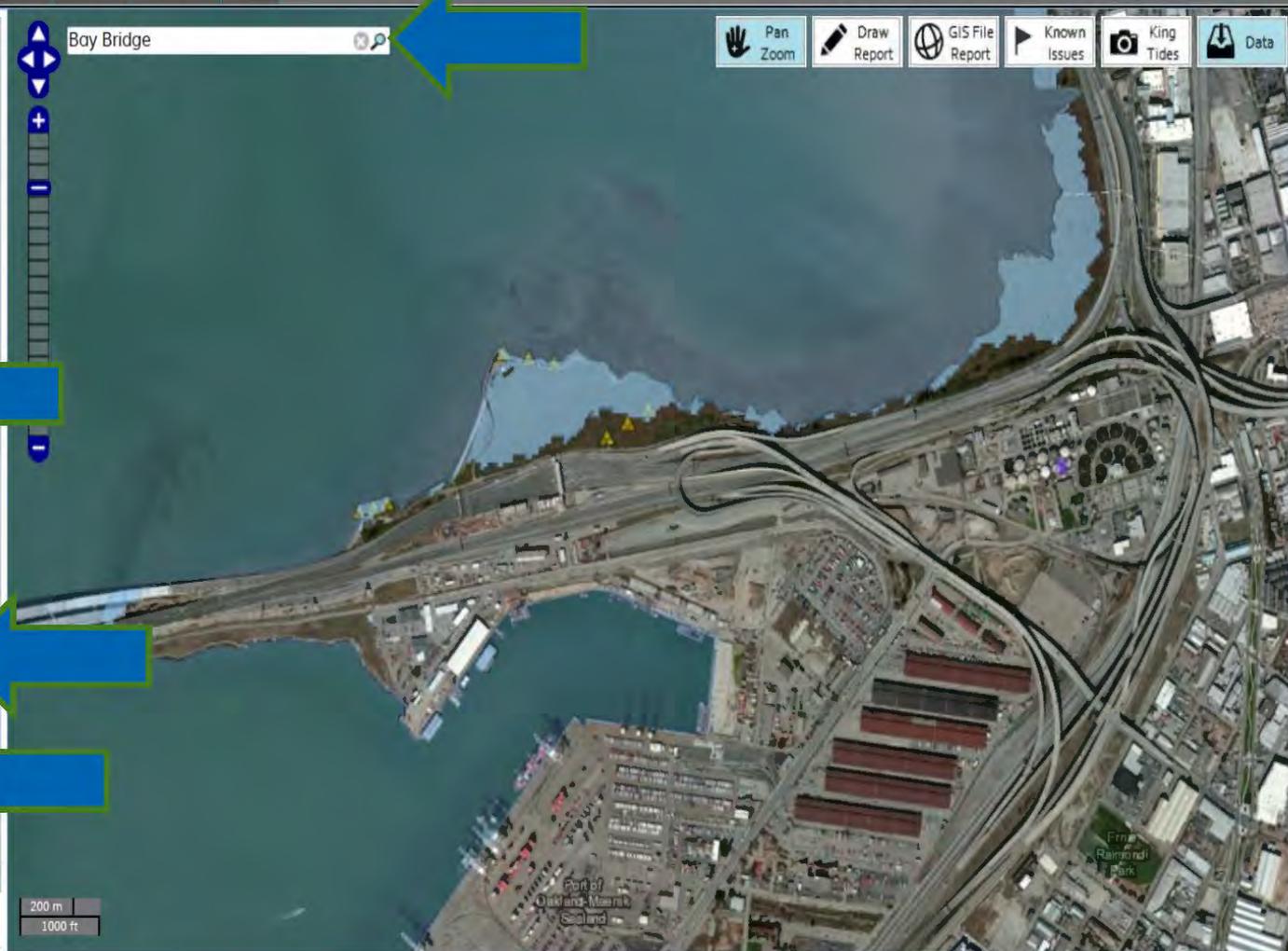
- Digital Elev Model (DEM)
- Levees
- Placenames
- Land Use
- Protected Areas
- Rivers & Streams
- Cliff and Shoreline Retreat
- Shorebirds
- Coastal Armoring
- Roads and Transportation
- Trails
- Buildings
- Utilities & Services

[What do Other Layers represent?](#)

Opacity

Metadata [Metadata](#)

Detail View



Pan Zoom Draw Report GIS File Report Known Issues King Tides Data

Max Wave Runup during Flood  
000cm SLR + Wave 000

Flood-prone Low-lying Areas  
000cm SLR + Wave 000

Flood Hazard 000cm SLR + Wave 000

Flood Depth 000cm SLR + Wave 000

0 cm  
250 cm  
500 cm  
750 cm

Utilities and Infrastructure

- Dam or Weir
- Radio Tower
- Electrical
- Water Treatment

Public Services

- Post Office
- Correctional Facility
- Government Building

Emergency Services

- Hospital



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recenter

**1) Choose a topic.**

**Flooding** shows the inundation due to SLR, waves, and storm surge.

Flooding	Waves
Current	Duration
Flood Potential	

[What do the Topics represent?](#)

Compare Flooding Scenarios

**2) Choose an Amount of Sea Level Rise (cm).**

0	25	50	75	100	125
150	175	200	500	<a href="#">[Use feet]</a>	

[What Sea Level Rise scenario should I use?](#)

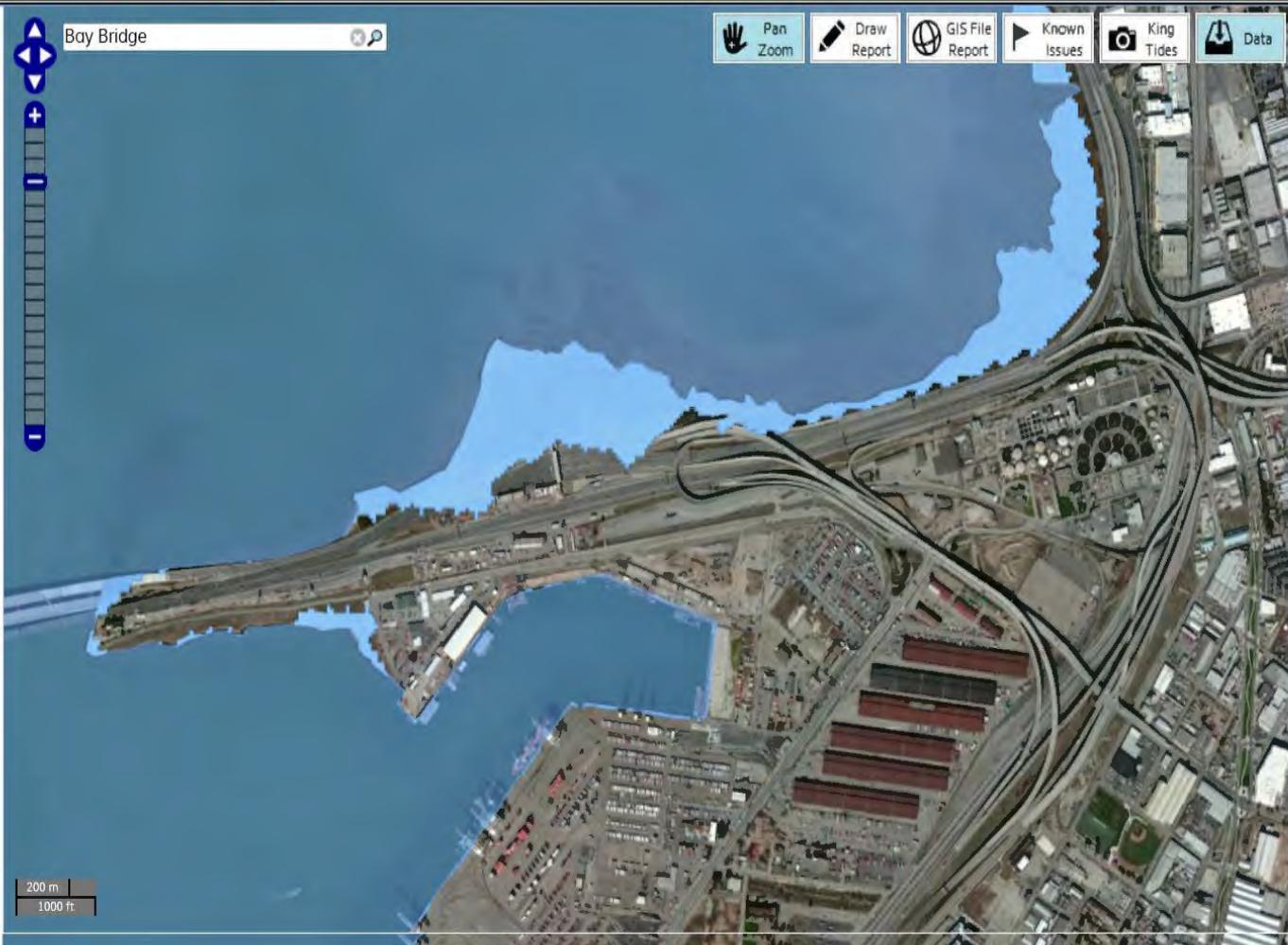
**3) Choose an Event**

Choose **Storm Scenario Frequency**

None	Annual	20 year	100 year
------	--------	---------	----------

Or Choose **King Tide Scenario**

[Detail View](#)



Max Wave Runup during Flood 050cm SLR + Wave 100

Flood-prone Low-lying Areas 050cm SLR + Wave 100

Flood Hazard 050cm SLR + Wave 100

Flood Depth 050cm SLR + Wave 100

0 cm

250 cm

500 cm

750 cm

This is the sea level rise and storm scenario report for the area you selected. This report was designed to provide information to help you identify vulnerabilities to sea level rise and storm surges.

## Area and Elevation Information

Area is the size of selected polygon, in square meters, acres and hectares, and Elevation is the average, minimum and maximum elevation from the Digital Elevation Model (DEM) within the polygon.

Area:	236,464.94 m <sup>2</sup> 58.43 ac 23.65 ha	Elevation:	Mean - 3.52 meters Minimum - 0.23 meters Maximum - 5.36 meters
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## Projected Percent Area Flooded for the Selected Area

Values indicate the percentage of the selected area flooded for the Storm and Sea Level Rise Scenario combination.

<b>Storm Scenario</b>	<b>100 yr Storm</b>	0	9%	43%	79%	100%	100%
	<b>20 yr Storm</b>	0	9%	47%	84%	100%	100%
	<b>Annual Storm</b>	0	0	5%	21%	77%	100%
	<b>No Storm</b>	0	0	2%	26%	60%	100%
		<b>none</b>	<b>50 cm</b>	<b>100 cm</b>	<b>150 cm</b>	<b>200 cm</b>	<b>500 cm</b>
<b>Sea Level Rise Scenario</b>							

under 25% flooded
  25-50% flooded
  50-75% flooded
  over 75% flooded

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**1) Choose a topic.**

**Flooding** shows the inundation due to SLR, waves, and storm surge.

Flooding	Waves
Current	Duration
Flood Potential	

[What do the Topics represent?](#)

Compare Flooding Scenarios

**2) Choose an Amount of Sea Level Rise (cm).**

0	25	50	75	100	125
150	175	200	500	<a href="#">[Use feet]</a>	

[What Sea Level Rise scenario should I use?](#) ←

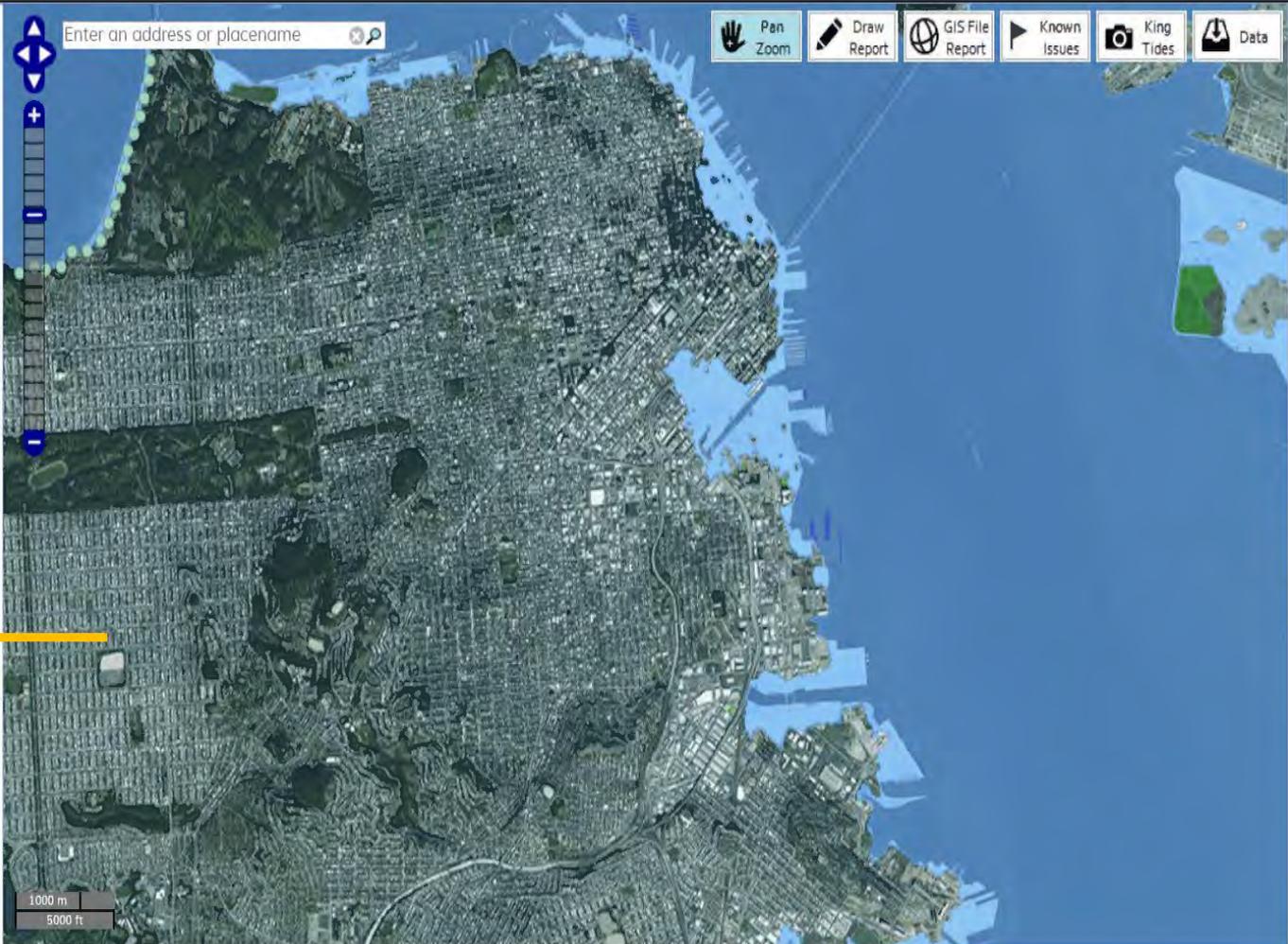
**3) Choose an Event**

Choose **Storm Scenario Frequency**

None	Annual	20 year	100 year
------	--------	---------	----------

Or Choose **King Tide Scenario**

[Detail View](#)



Max Wave Runup during Flood  
200cm SLR + Wave 001

Flood-prone Low-lying Areas  
200cm SLR + Wave 001

Flood Hazard 200cm SLR + Wave 001

Flood Depth 200cm SLR + Wave 001

0 cm

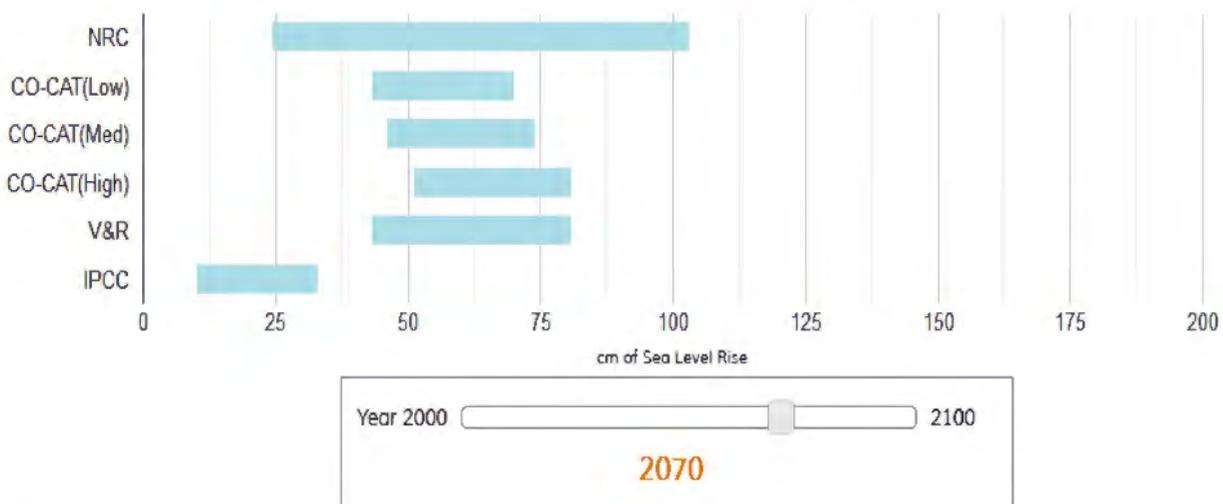
250 cm

500 cm

750 cm

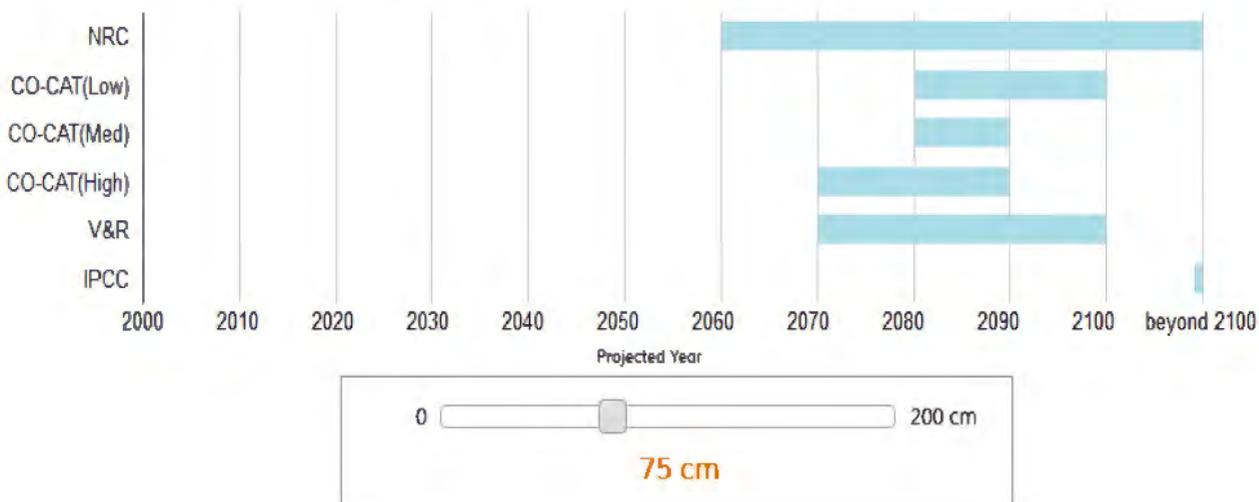
## What projections are likely to occur in a given year?

Move the slider control below the graph left and right to see how different climate experts projections of sea level rise compare to one another. Hold your mouse over each bar for details.



## When is a projection likely to occur?

Move the slider control below the graph left and right to see how different climate experts projections of when sea level rise will occur compare to one another. Hold your mouse over each bar for details.



## Citations



get started

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**Interactive Map**

**1) Choose a topic.**

**Wave Height** shows how high the waves are coming to shore.

Flooding	Waves
Current	Duration
Flood Potential	

[What do the Topics represent?](#)

**2) Choose an Amount of Sea Level Rise (cm).**

0	25	50	75	100	125
150	175	200	500	<a href="#">(Use feet)</a>	

[What Sea Level Rise scenario should I use?](#)

**3) Choose an Event**

Choose **Storm Scenario Frequency**

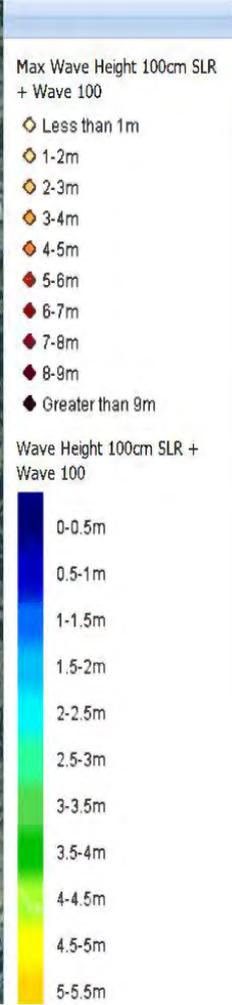
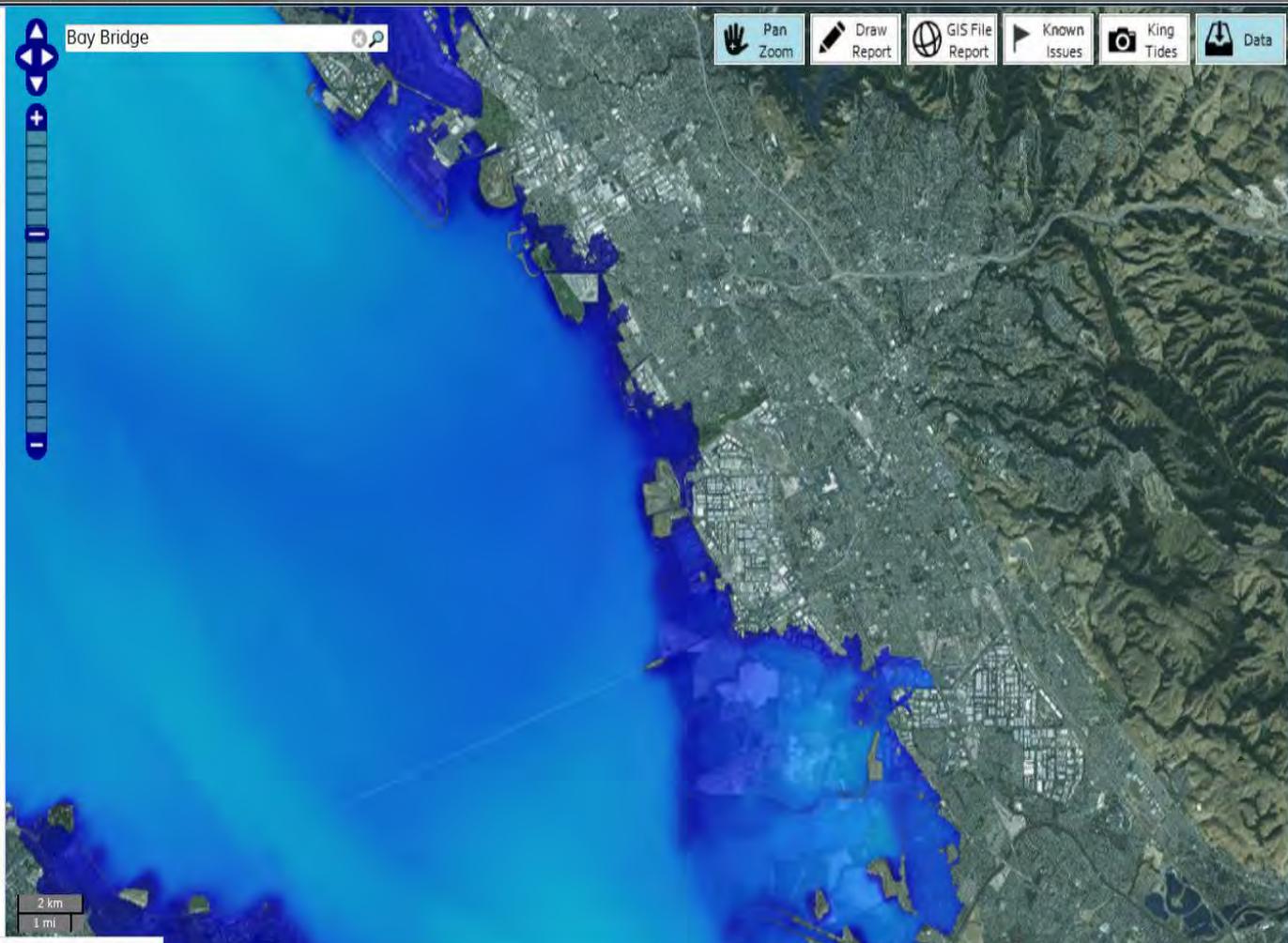
None	Annual	20 year	100 year
------	--------	---------	----------

Or Choose **King Tide Scenario**

King Tide

[What are Storm Scenarios?](#)

Detail View



get started

clear

recenter

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**1) Choose a topic.**

**Current** shows the velocity of the ocean waters in a scenario.

Flooding	Waves
Current	Duration
Flood Potential	

[What do the Topics represent?](#)

---

**2) Choose an Amount of Sea Level Rise (cm).**

0	25	50	75	100	125
150	175	200	500	[Use feet]	

[What Sea Level Rise scenario should I use?](#)

---

**3) Choose an Event**

Choose

**Storm Scenario Frequency**

None	Annual	20 year	100 year
------	--------	---------	----------

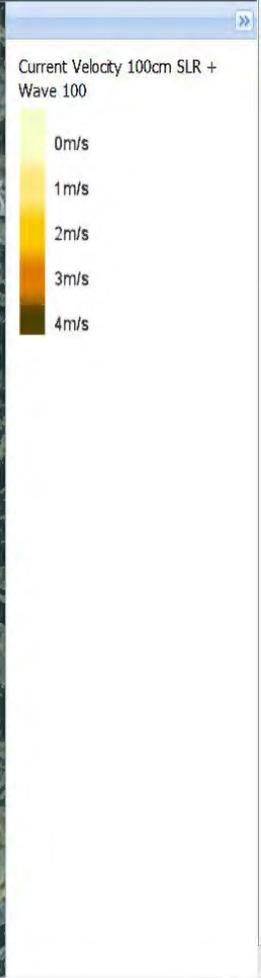
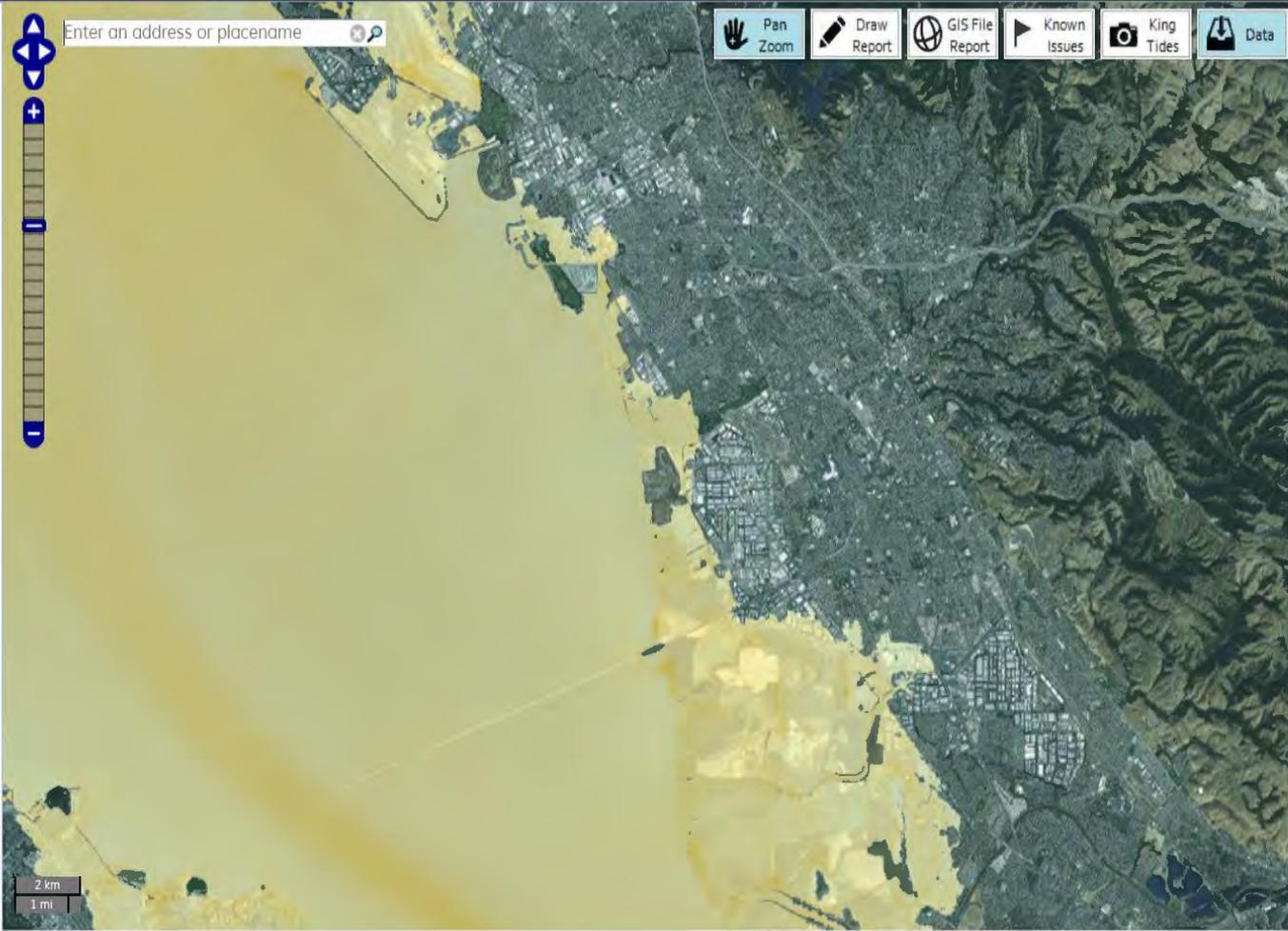
Or Choose

**King Tide Scenario**

King Tide

[What are Storm Scenarios?](#)

Detail View





get started  
clear  
recenter

**1) Choose a topic.**

Duration shows how much time flooding lasts in a tidal day.

Flooding	Waves
Current	<b>Duration</b>
Flood Potential	

[What do the Topics represent?](#)

**2) Choose an Amount of Sea Level Rise (cm).**

0	25	50	75	<b>100</b>	125
150	175	200	500	<i>(Use feet)</i>	

[What Sea Level Rise scenario should I use?](#)

**3) Choose an Event**

Choose **Storm Scenario Frequency**

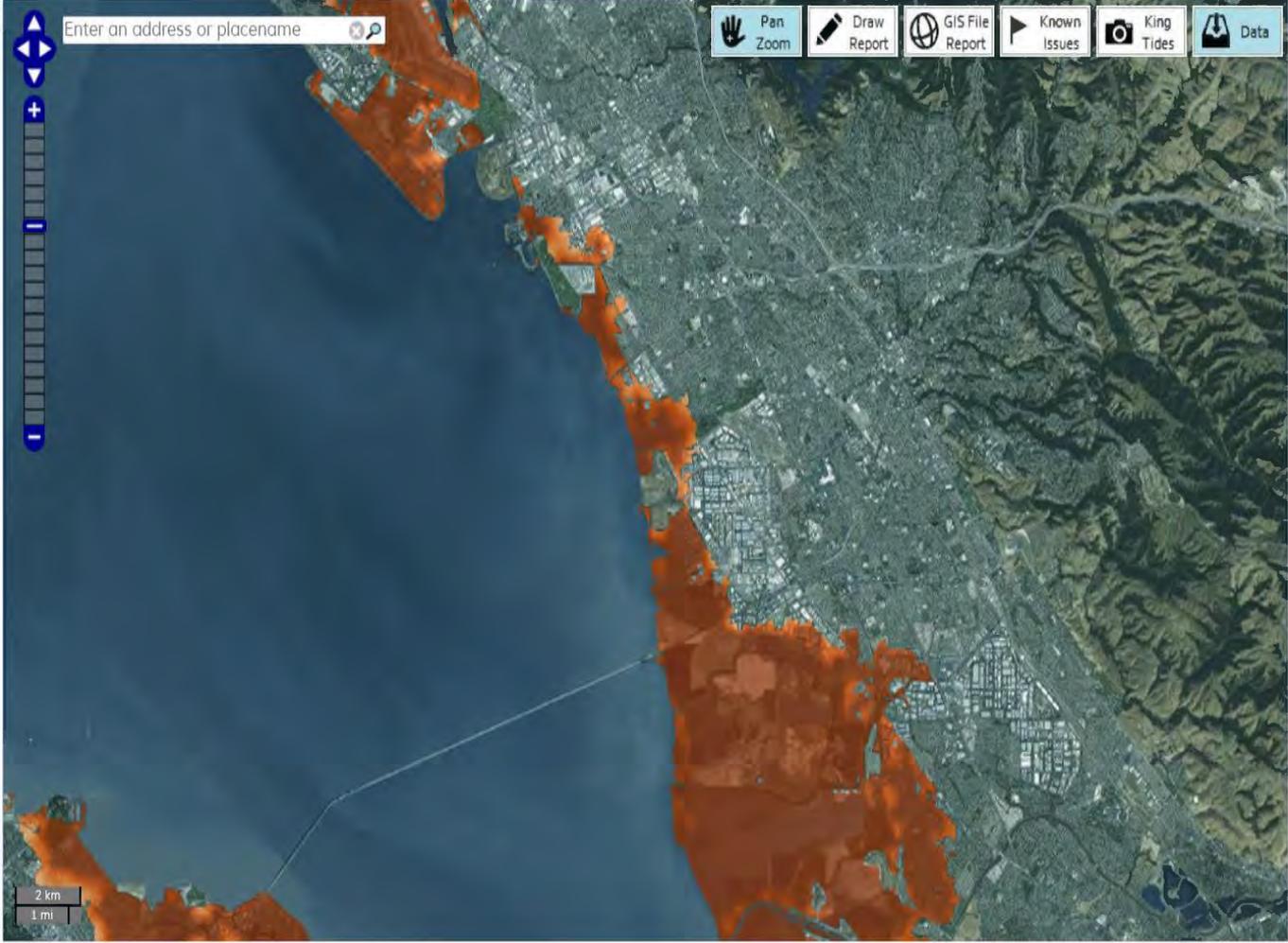
None	Annual	20 year	<b>100 year</b>
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Or Choose **King Tide Scenario**

King Tide

[What are Storm Scenarios?](#)

Detail View



Flood Duration 100cm SLR + Wave 100

- 0-3 hours
- 3-6 hours
- 6-9 hours
- 9-12 hours
- 12-15 hours
- 15-18 hours
- 18+ hours



get started  
clear  
recenter

1) Choose a topic.

**Flood Potential** shows the range of possible flooding for a scenario.

Flooding	Waves
Current	Duration
Flood Potential	

[What do the Topics represent?](#)

2) Choose an Amount of Sea Level Rise (cm).

0	25	50	75	100	125
150	175	200	500	(Use feet)	

[What Sea Level Rise scenario should I use?](#)

3) Choose an Event

Choose  
**Storm Scenario Frequency**

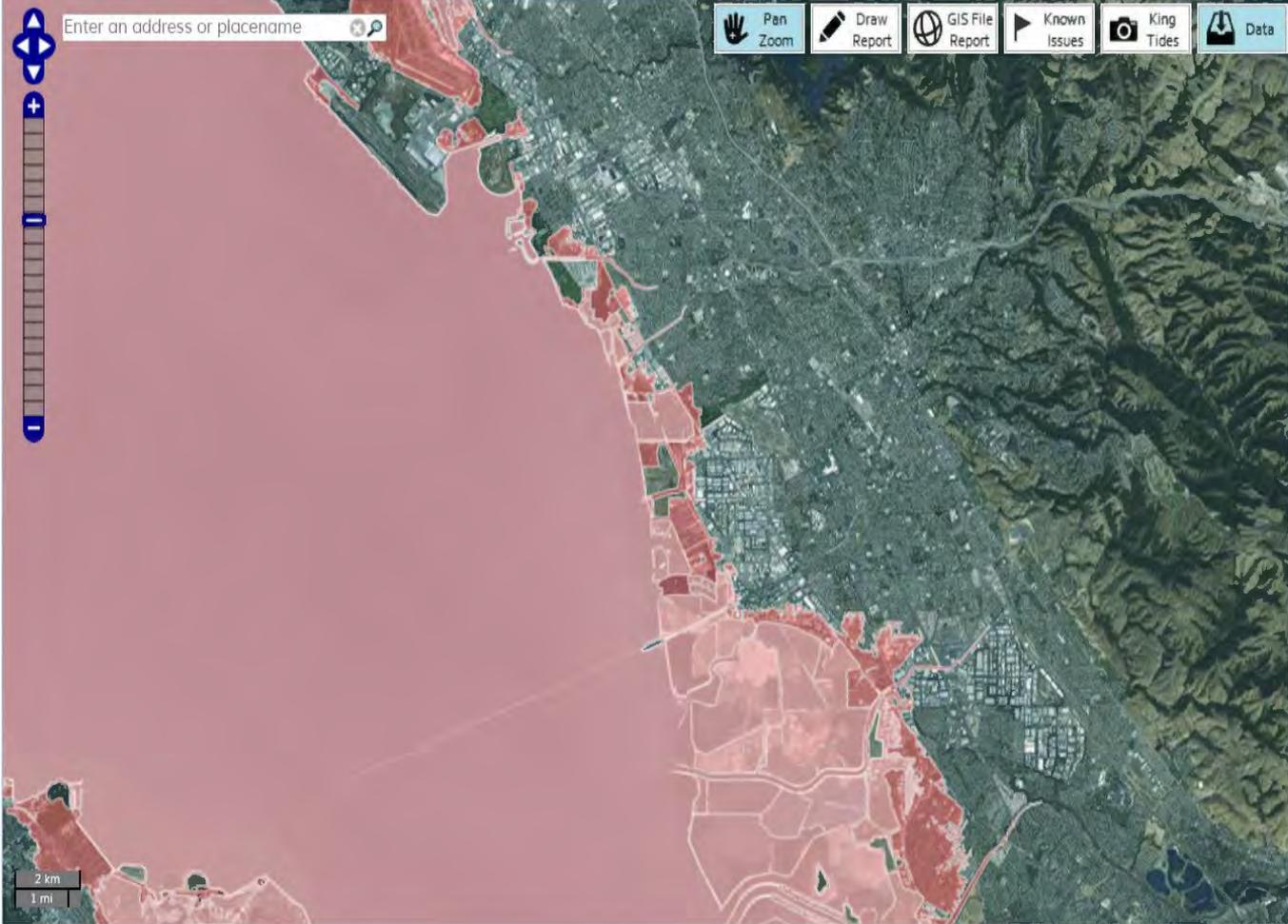
None **Annual** 20 year 100 year

Or Choose  
**King Tide Scenario**

King Tide

[What are Storm Scenarios?](#)

Detail View



Minimum Inundation 050cm SLR + Wave 001

Maximum Inundation 050cm SLR + Wave 001



get started  
clear  
recenter

1) Choose a topic.

Flooding shows the inundation due to SLR, waves, and storm surge.

Flooding	Waves
Current	Duration
Flood Potential	

What do the Topics represent?

Compare Flooding Scenarios

2) Choose an Amount of Sea Level Rise (cm).

0	25	50	75	100	125
150	175	200	500	<a href="#">Use feet!</a>	

What Sea Level Rise scenario should I use?

3) Choose an Event

Choose Storm Scenario Frequency

None	Annual	20 year	100 year
------	--------	---------	----------

Or Choose King Tide Scenario

King Tide

What are Storm Scenarios?  
What is a King Tide scenario?

4) Choose other layers to view with topic data.

Digital Elev Model (DEM)

Detail View

Enter an address or placename

**Flooding Comparison**

**Compare Flooding Scenarios**

Choose a scenario below to compare to your selected Sea Level Rise and Storm Scenario in the main left panel.

The difference in the flooding extent between the two will appear on the map in yellow. (Note: only San Francisco Bay available)

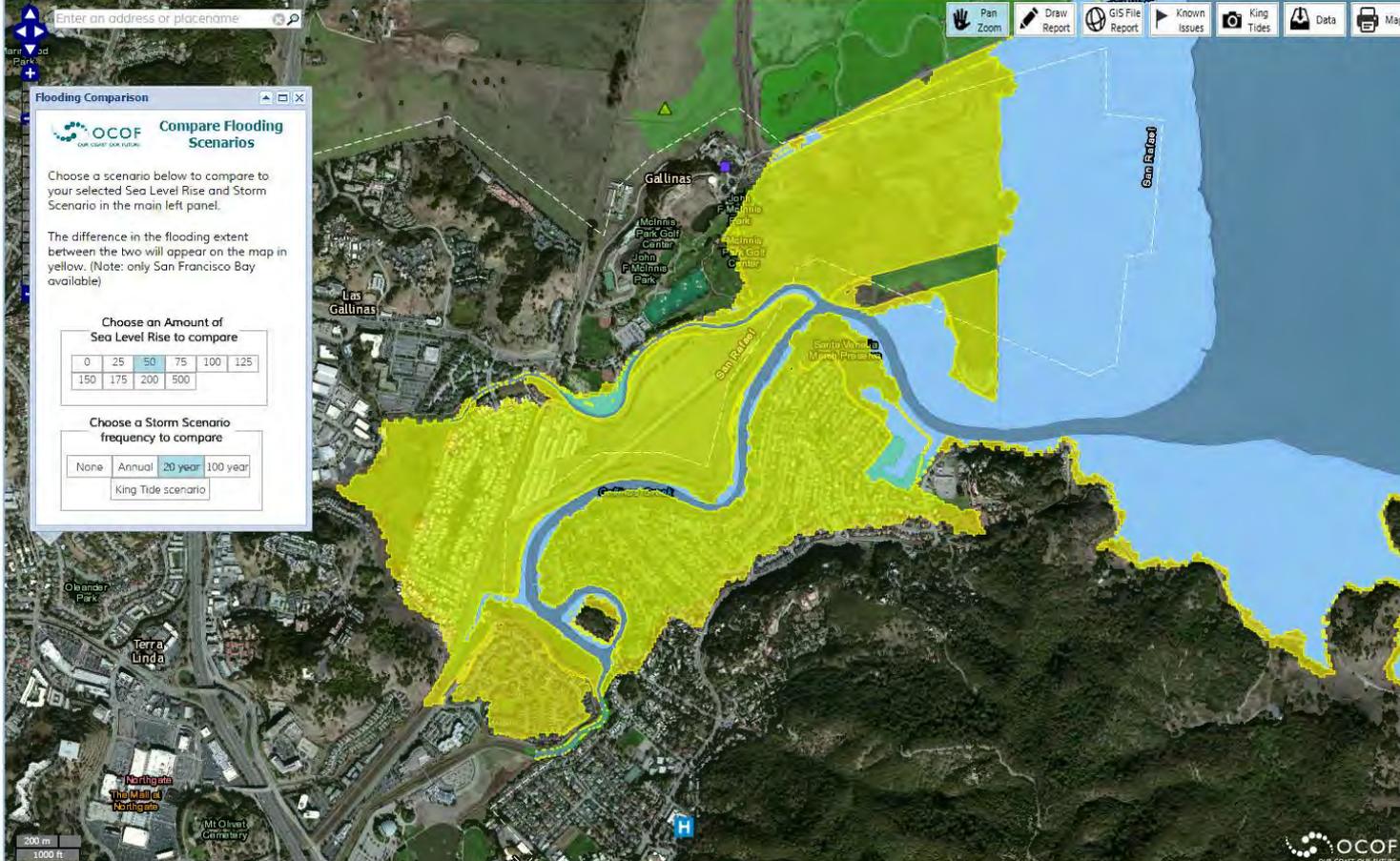
Choose an Amount of Sea Level Rise to compare

0	25	50	75	100	125
150	175	200	500		

Choose a Storm Scenario frequency to compare

None	Annual	20 year	100 year
------	--------	---------	----------

King Tide scenario



Pan Zoom  
Draw Report  
GIS File Report  
Known Issues  
King Tides  
Data  
Map

Max Wave Runup during Flood 050cm SLR + Wave 000

Flood-prone Low-lying Areas 050cm SLR + Wave 000

Flood Hazard 050cm SLR + Wave 000

Flood Depth 050cm SLR + Wave 000

0 cm  
250 cm  
500 cm  
750 cm

Utilities and Infrastructure

- Dam or Weir
- Radio Tower
- Electrical
- Water Treatment

Public Services

- Post Office
- Correctional Facility
- Government Building

Emergency Services

- Hospital
- Police
- Fire

Commercial Activity

 OCOF  
OUR COAST OUR FUTURE

muir beach

MAXIMUM FLOOD DEPTI x

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**Citation Information:**

Originator: U.S. Geological Survey  
 Originator: Patrick Barnard  
 Originator: Amy Foxgrover  
 Originator: Li Erikson  
 Title: MAXIMUM FLOOD DEPTH  
 Online Linkage: <<http://data.prbo.org/apps/ocof>>

**Description:**

**Abstract:**  
 Model projections of MAXIMUM FLOOD DEPTH using the Coastal Storm Modeling System (CoSMoS). Models cover the entire outer coast of the Our Coast Our Future (OCOF) California study area from Bodega Head south to Half Moon Bay including the entire San Francisco Bay shoreline and baylands. Projections include a suite of scenarios for both sea-level rise and storm scenarios. Sea-level rise scenarios span 0-2 meters in 50 cm

download\_summary.htm Firefox HTML Document  
 flooddepth\_metadata.html Firefox HTML Document  
 SLR000Wave000\_fiddeep.asc ASC File  
 SLR000Wave000\_fiddeep.clr.png IrfanView PNG File  
 SLR000Wave000\_fiddeep.pgww PGW File  
 SLR000Wave000\_fiddeep.png IrfanView PNG File  
 SLR000Wave000\_fiddeep.prj PRJ File  
 SLR000Wave000\_fiddeep.tfw TFW File  
 SLR000Wave000\_fiddeep.tif IrfanView TIF File  
 SLR000Wave000\_fiddeep.txt TXT File

Size: (multiple values) Ratio: (multiple values)  
 Size: 22.9 KB Date modified: 11/30/2012 4:12 PM - 2/19/2013 ...



Pan Zoom Draw Report GIS File Report Data

OCOF Data Download

7:54:48  
 The dataset you requested is available for download by [clicking on this link](#).

Max Wave Runup during Flood 000cm SLR + Wave 000  
 Flood-prone Low-lying Areas 000cm SLR + Wave 000  
 Flood Hazard 000cm SLR + Wave 000

Data downloaded from th x

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Data downloaded from:



**Downloaded Data Description**

Dataset	CoSMoS Model Results Product Suite <a href="#">More information or discussion on these modeling results</a>
Layer	flddeep - Flood Depth <a href="#">More information</a>
Units	cm
Description	Maximum Depth of Flooding Surface above base elevation of Mean High High Water.

**Files included in this download (within zip file)**

Content	Format	File name	Notes
The	GeoTiff	SLR000Wave000_fiddeep.tif	Data in 4 byte floating point

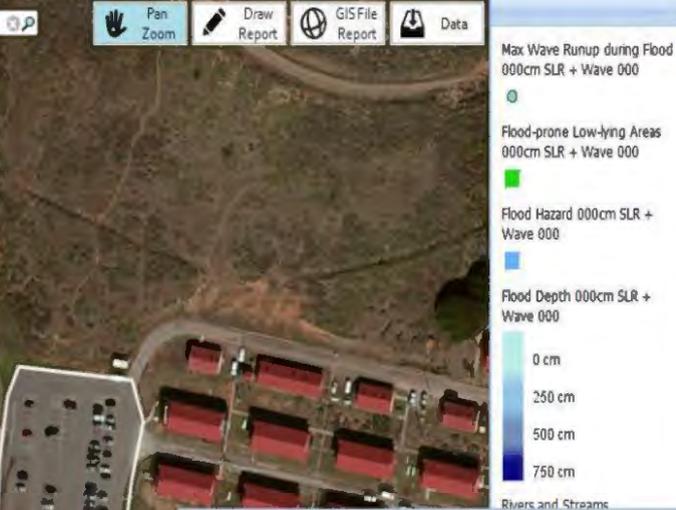


Pan Zoom Draw Report GIS File Report Data

Max Wave Runup during Flood 000cm SLR + Wave 000  
 Flood-prone Low-lying Areas 000cm SLR + Wave 000  
 Flood Hazard 000cm SLR + Wave 000  
 Flood Depth 000cm SLR + Wave 000

0 cm  
 250 cm  
 500 cm  
 750 cm

Rivers and Streams



3) Choose a storm scenario frequency

None Annual 20 year 100 year

4) Choose other layers to view with topic data.

- Placenames
- Land Use
- Protected Areas
- Rivers & Streams
- Cliff Retreat
- Coastal Armoring
- Roads and Transportation
- Buildings
- Utilities & Services

20 m 100 ft



OCOF Report from GIS Polygon

Load a GIS file

You can select and upload a KML, KMZ or zipped SHP file with polygons and select one. All uploaded files are expected to be in Latitude/Longitude WGS-84.

Areas in your GIS file MarinCoastalParking.kmz

Rodeo Beach Parking Lot zoom

Choose an area...

- Stinson Beach - North
- Stinson Beach - Central
- Stinson Beach - South
- Rodeo Beach Parking Lot
- Rodeo Beach Street Parking
- Muir Beach Parking



Please visit us at:

<http://www.pointblue.org/ocof>