

# SAN FRANCISCO WATERFRONT COASTAL FLOOD STUDY, CA

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## DRAFT APPENDIX B.1.2 – INUNDATION MAPS

Maps (Future Without Project (FWOP) and Future With Project (FWP))

JANUARY 2024

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USACE TULSA DISTRICT | THE PORT OF SAN FRANCISCO



US Army Corps  
of Engineers



## **List of Sub-Appendices**

B.1.2 - Inundation Maps (Future Without Project (FWOP) and Future With Project (FWP))

B.1.2.1 – Future Without Project (FWOP) and Future With Project (FWP) Maps

B.1.2.2 – Future Without Project (FWOP) and Future With Project (FWP) 2040 Move Only Maps

B.1.2.3 – Total Net Benefits Plan (TNBP) Maps

B.1.2.4 – Total Net Benefits Plan (TNBP) Decadal Maps



# SAN FRANCISCO WATERFRONT COASTAL FLOOD STUDY, CA

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## APPENDIX B1.2.2 – FWOP & FWP 2040 MAPS

JANUARY 2024

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USACE TULSA DISTRICT | THE PORT OF SAN FRANCISCO



**US Army Corps  
of Engineers**



**PORT OF  
SAN FRANCISCO**

## Appendix B.1.2.2

### San Francisco Waterfront Inundation Maps

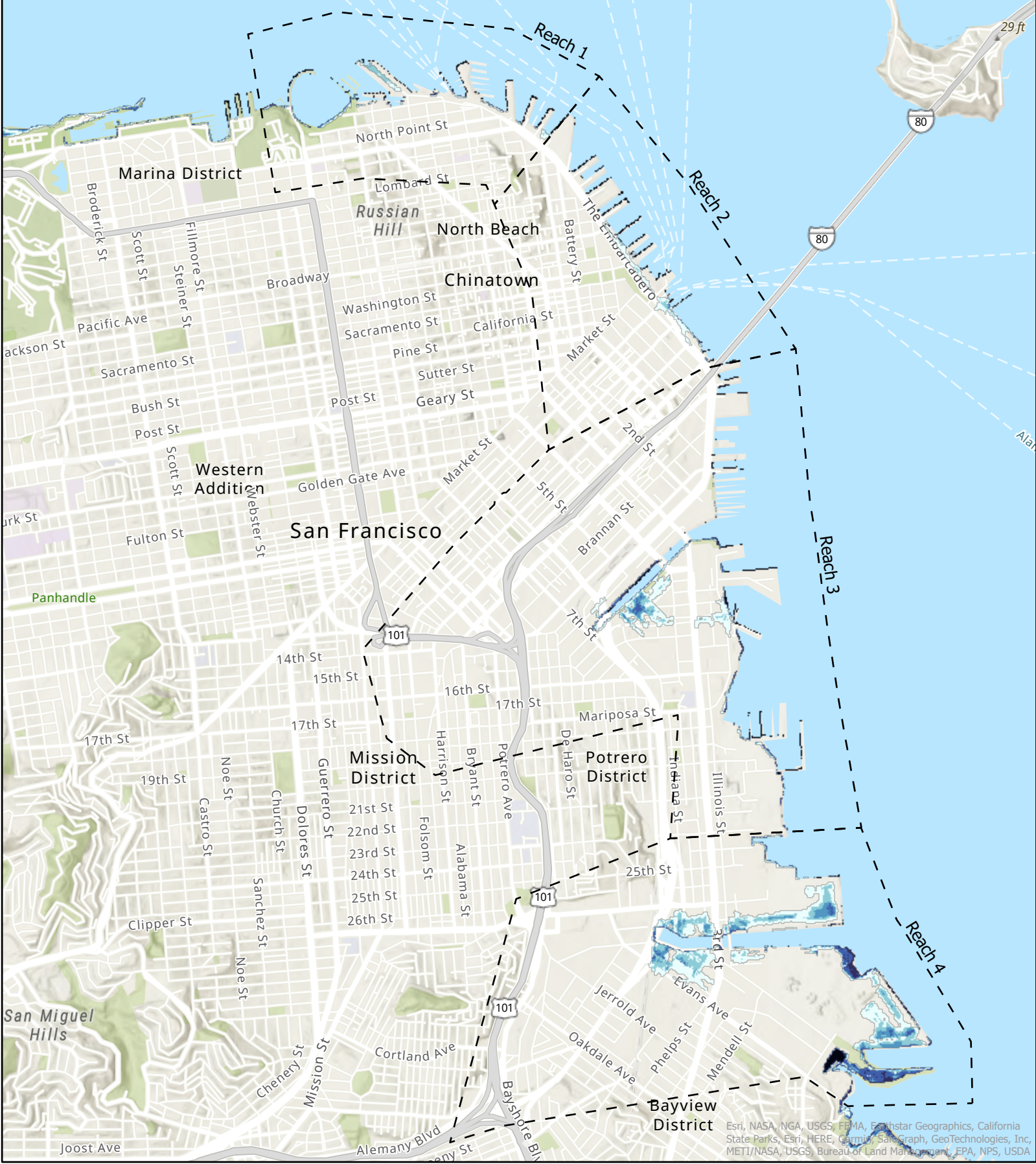
Future Without Project (FWOP), Future With Project (FWP)

Alternative Alignment Moves: 2040 Only



## **Future Without Project (FWOP)**

**1% AEP**



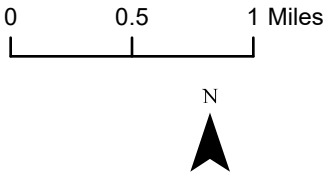
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Low Curve  
 Time Horizon: 2040  
 1% AEP  
 3.24 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Low Curve  
 Time Horizon: 2065  
 1% AEP  
 5.17 inches of SLC

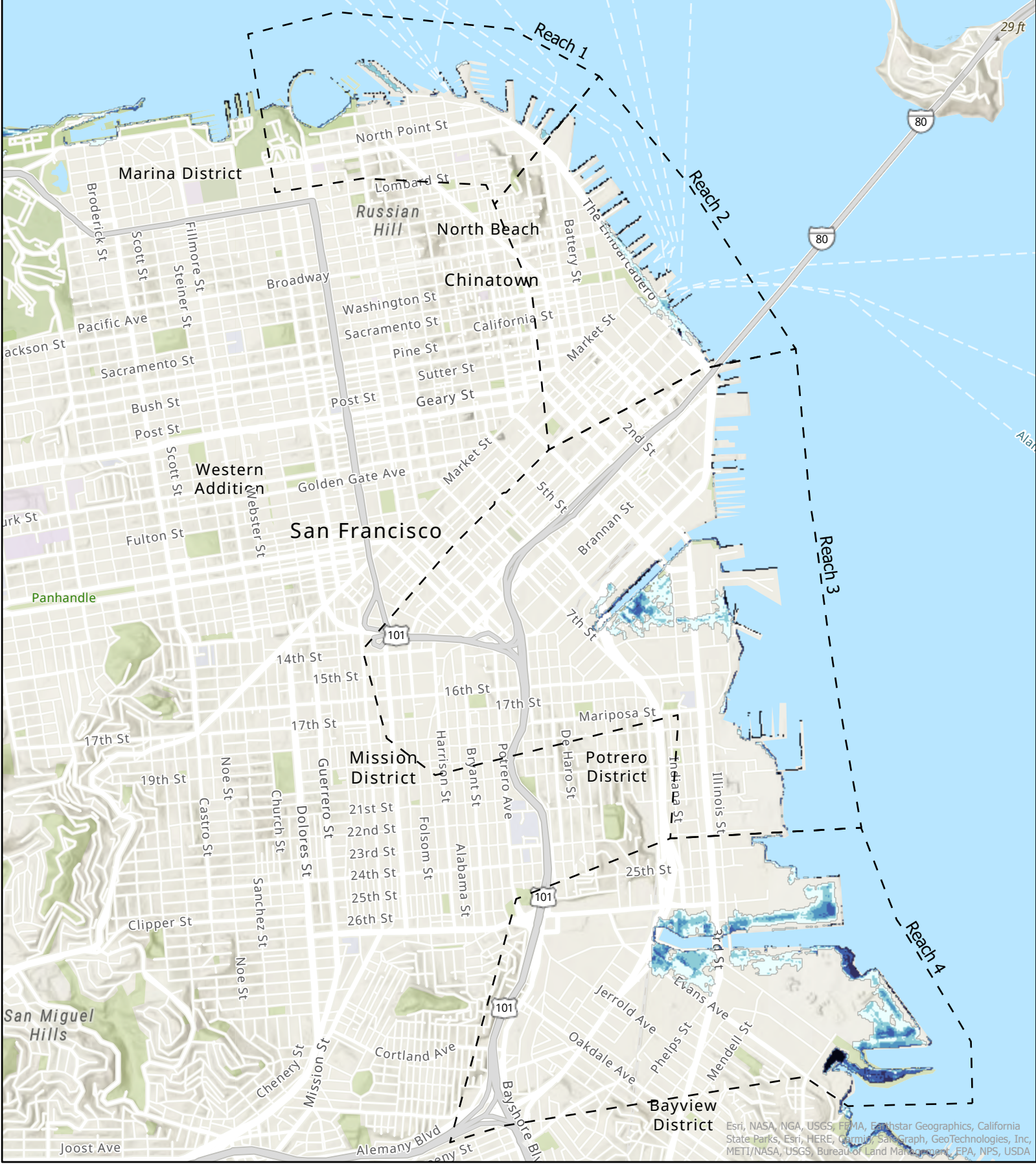
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Low Curve  
 Time Horizon: 2090  
 1% AEP  
 7.2 inches of SLC

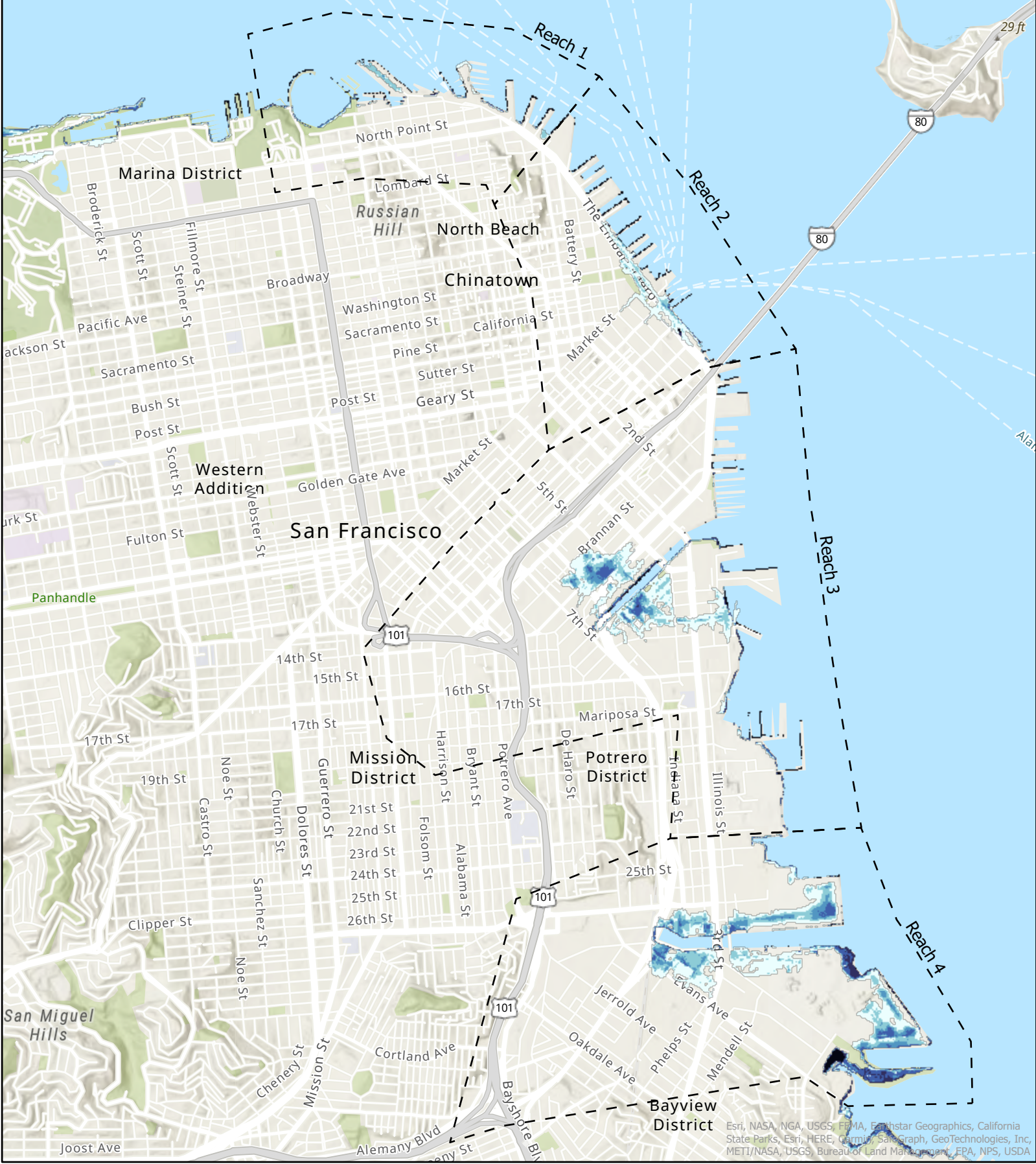
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Low Curve  
 Time Horizon: 2115  
 1% AEP  
 9.13 inches of SLC

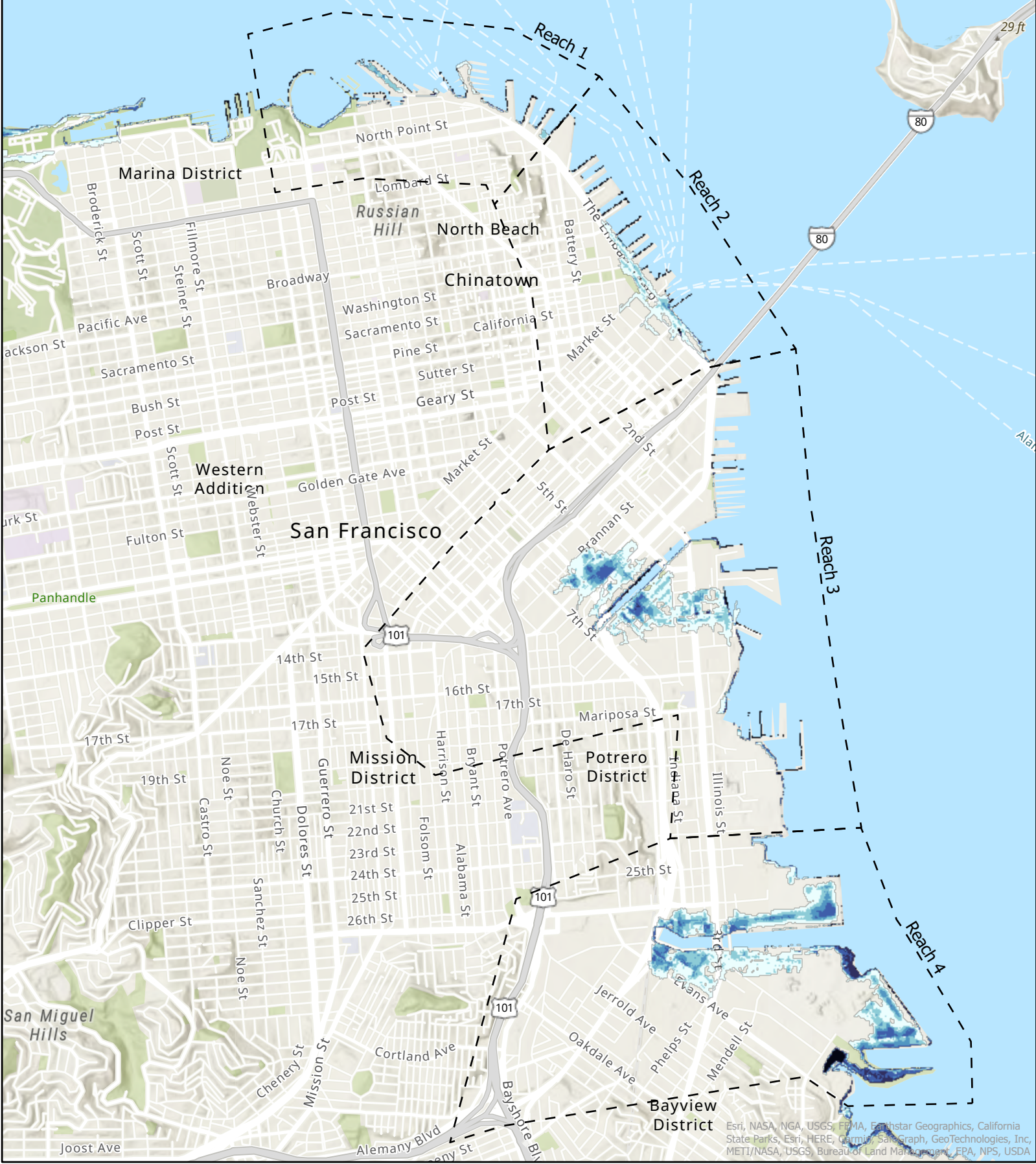
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Low Curve  
 Time Horizon: 2140  
 1% AEP  
 11.16 inches of SLC

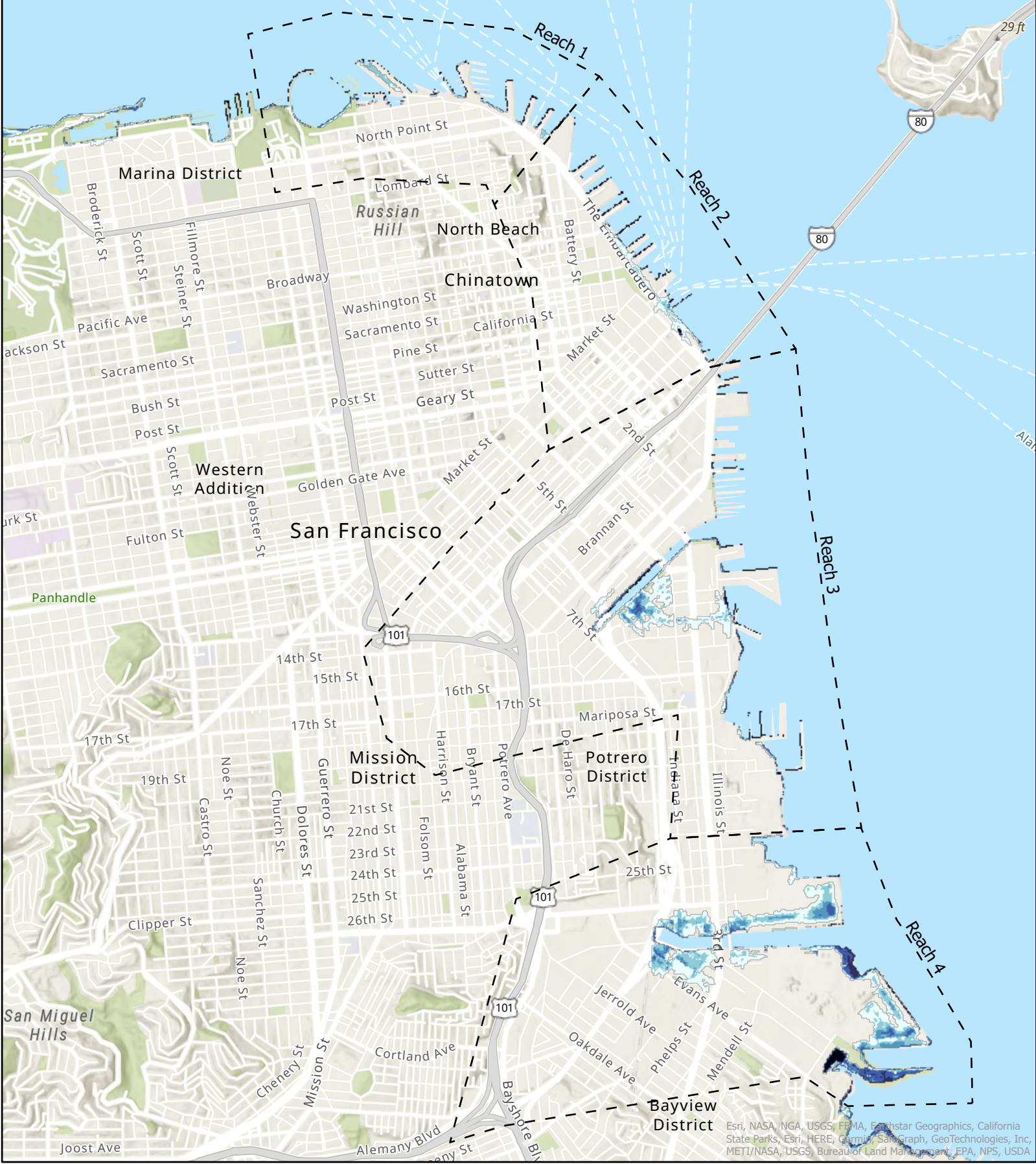
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



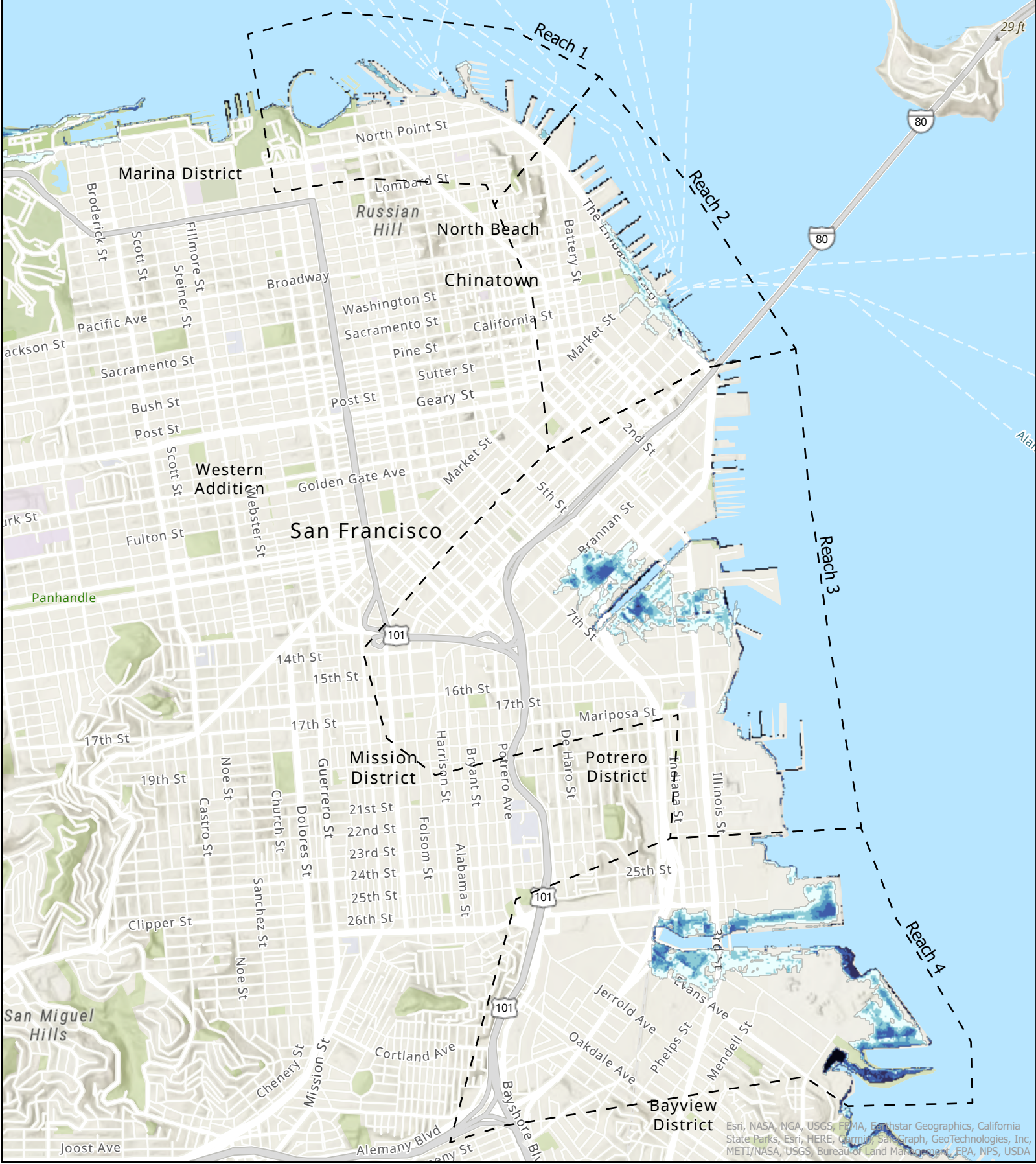
FWOP  
 USACE Intermediate Curve  
 Time Horizon: 2040  
 1% AEP  
 5.52 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Intermediate Curve  
 Time Horizon: 2065  
 1% AEP  
 10.75 inches of SLC

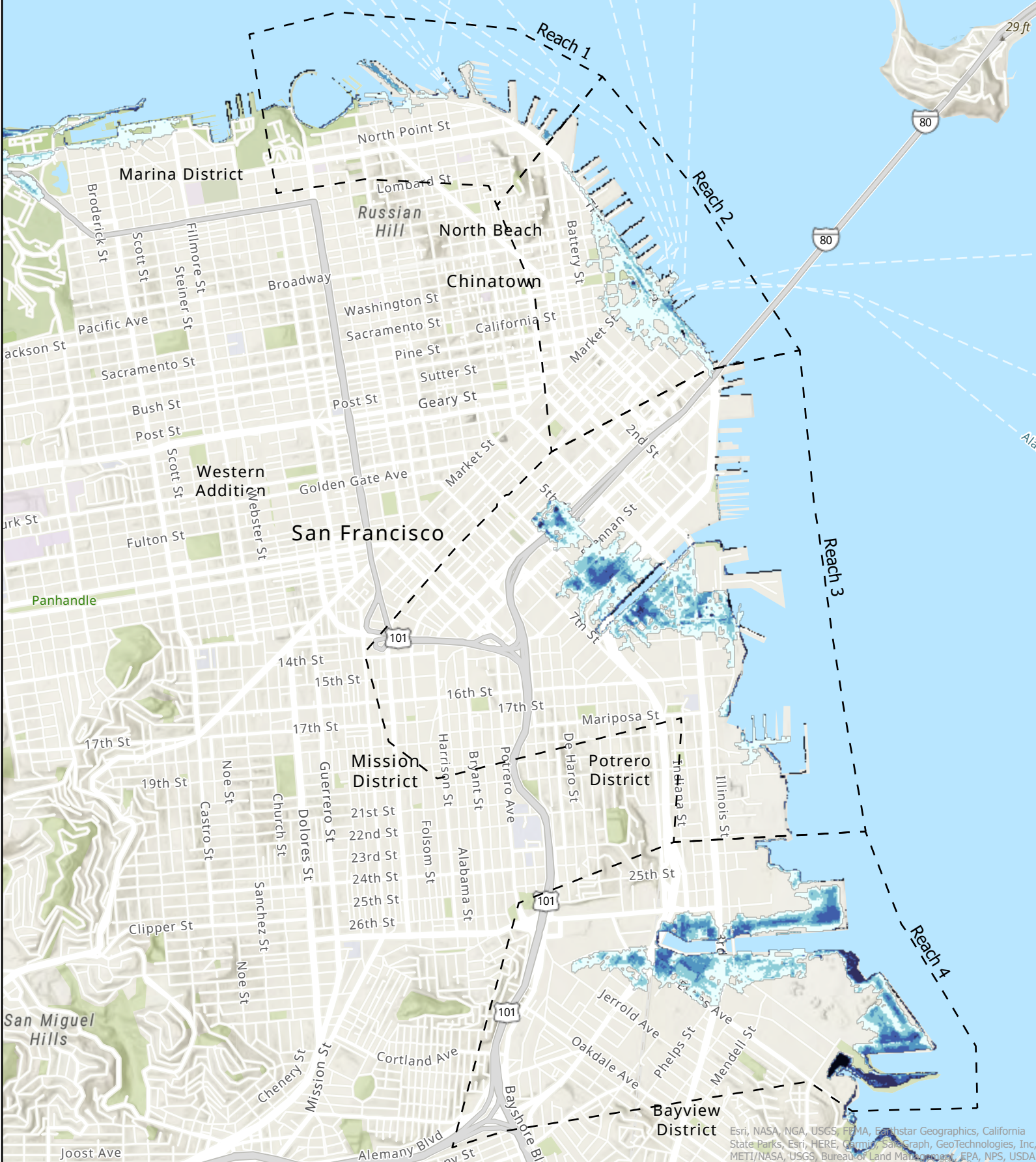
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Intermediate Curve  
 Time Horizon: 2090  
 1% AEP  
 17.28 inches of SLC

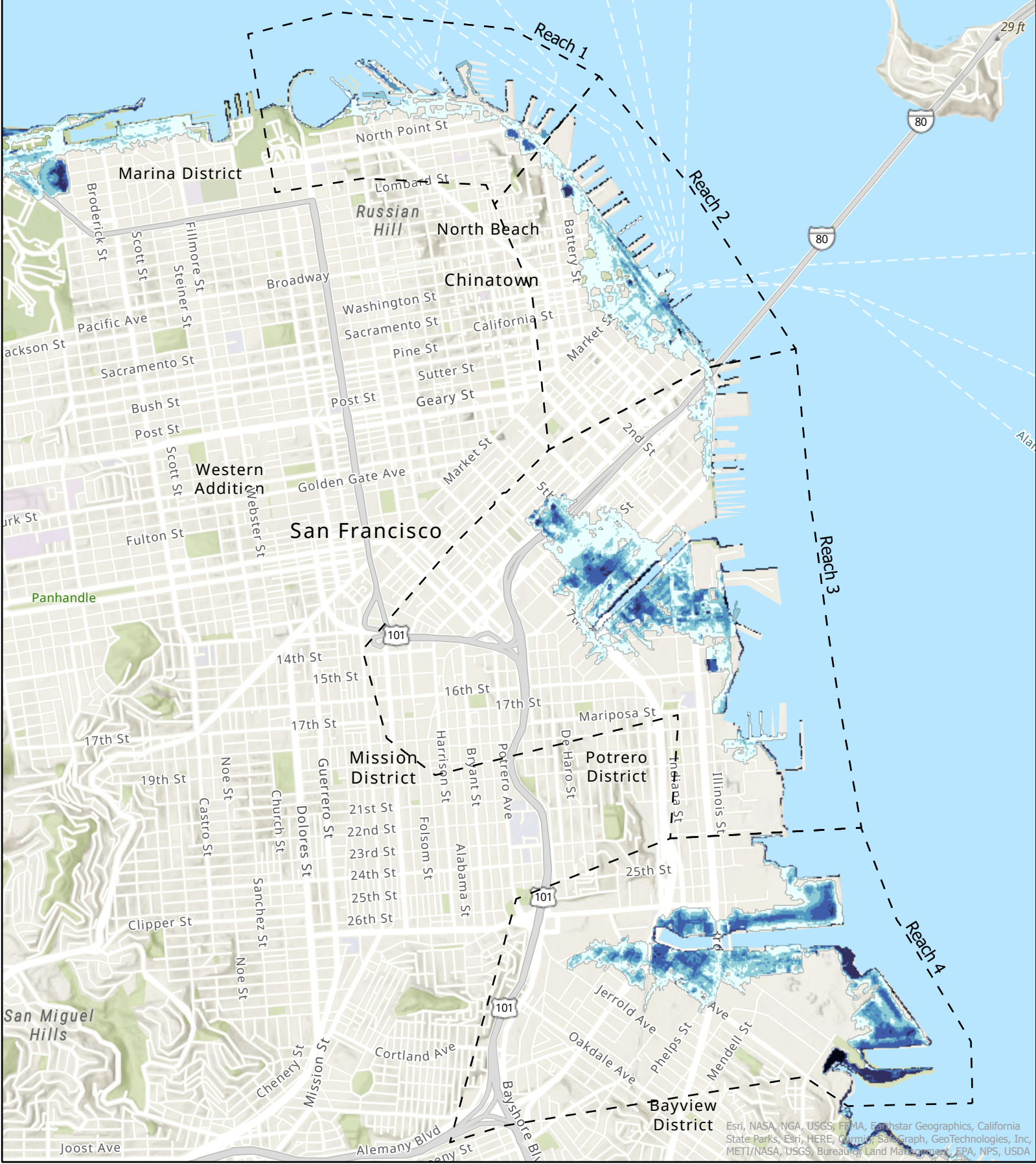
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Intermediate Curve  
 Time Horizon: 2115  
 1% AEP  
 25.15 inches of SLC

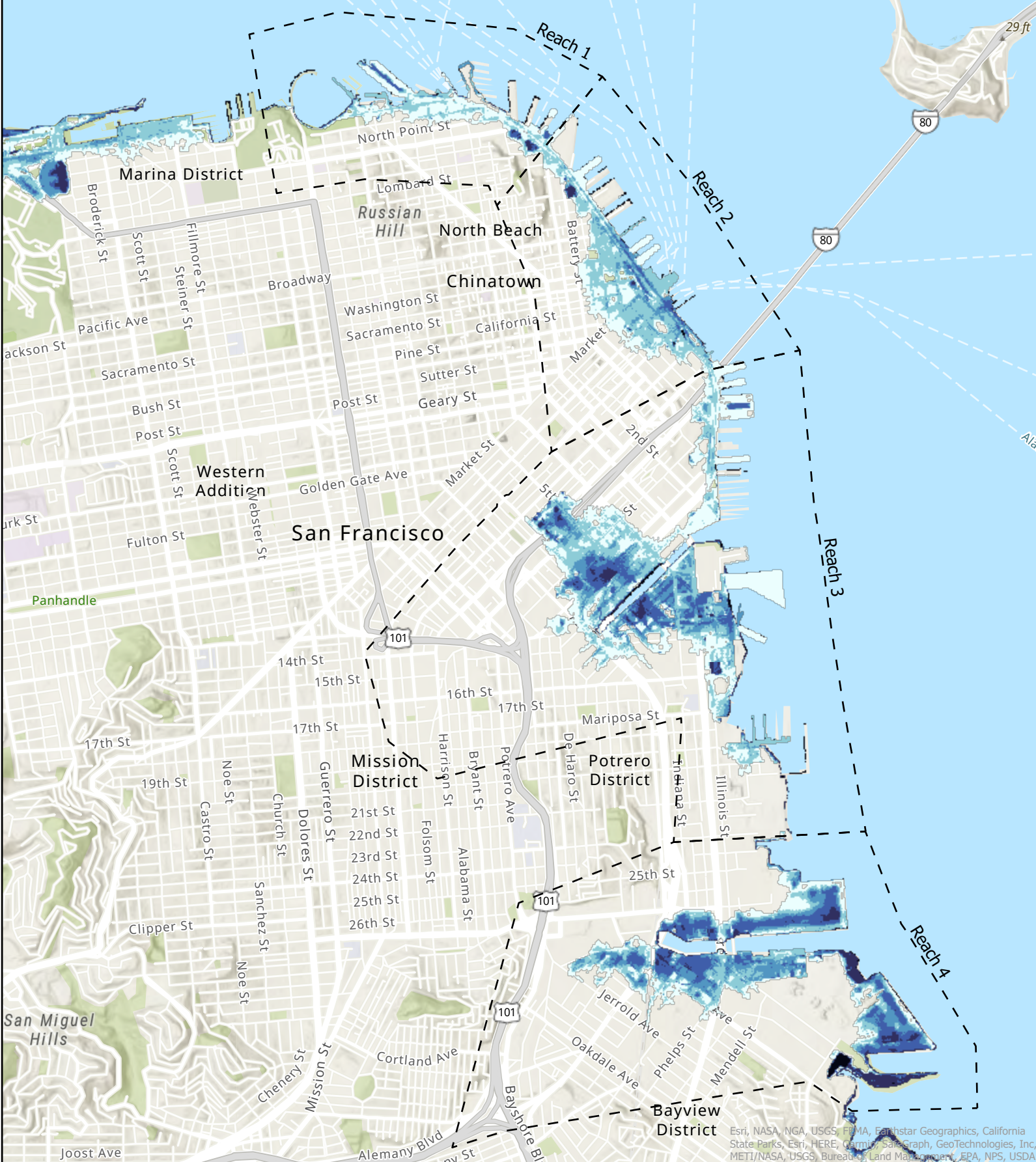
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



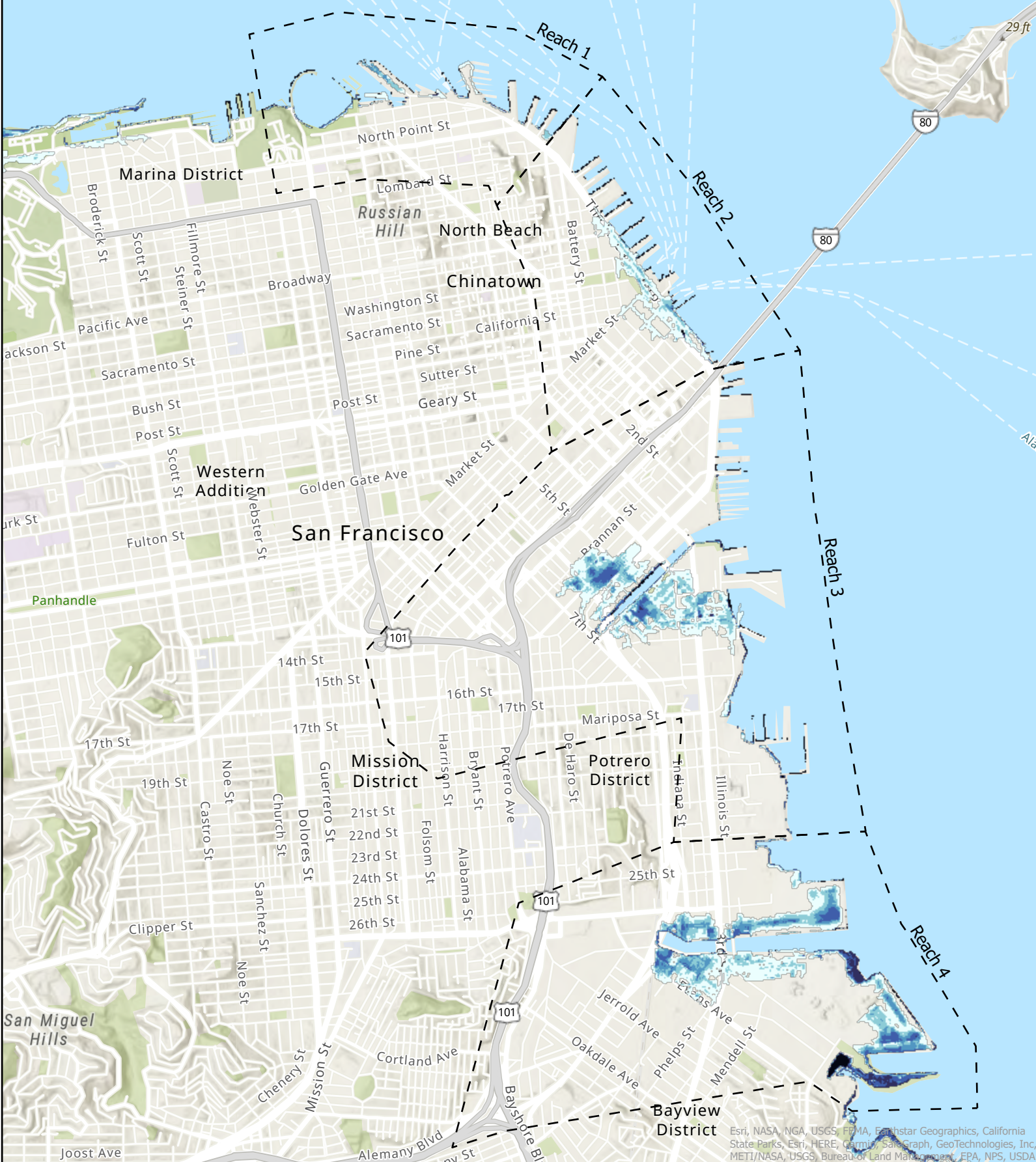
FWOP  
 USACE Intermediate Curve  
 Time Horizon: 2140  
 1% AEP  
 34.32 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



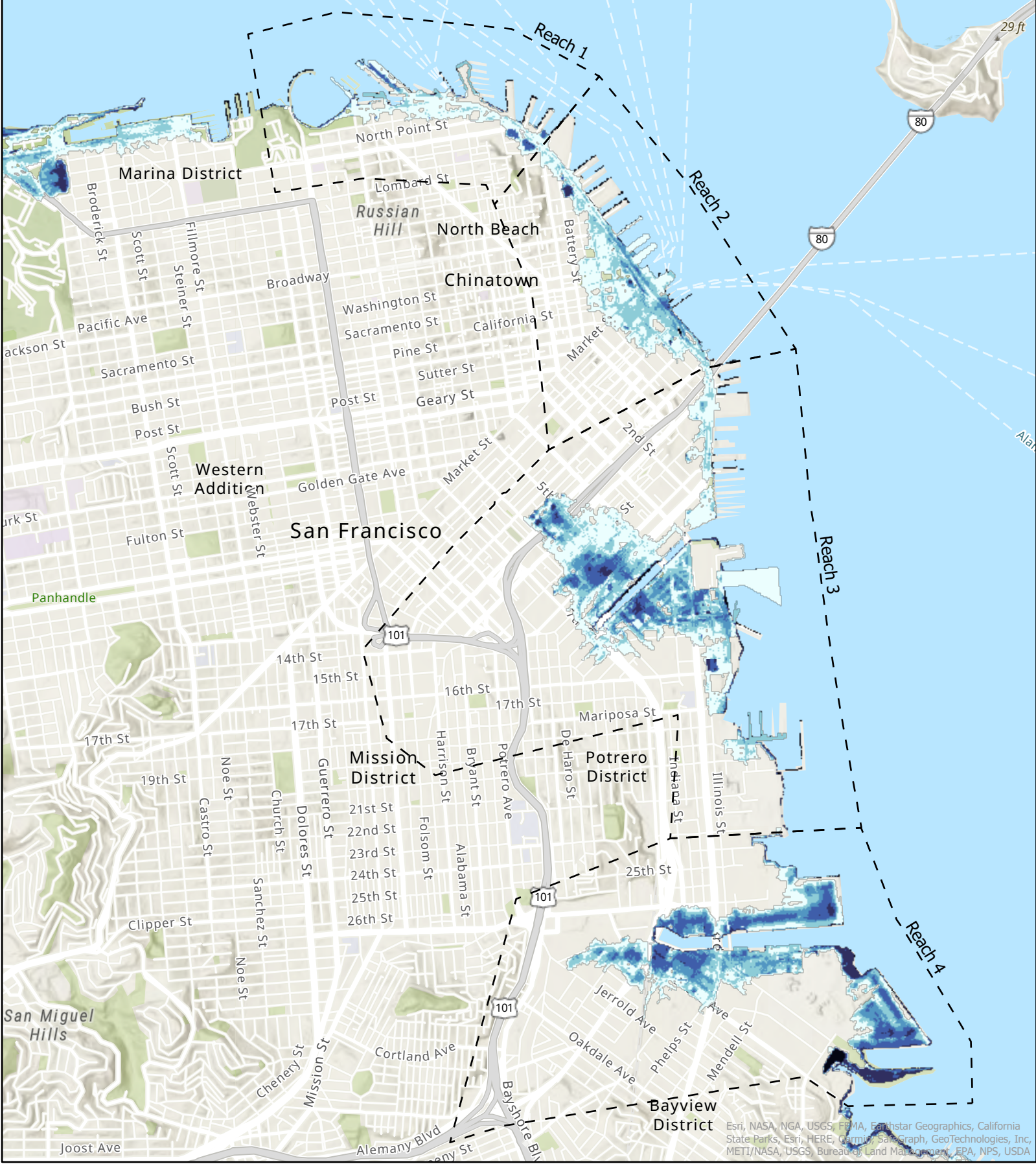
FWOP  
 USACE High Curve  
 Time Horizon: 2040  
 1% AEP  
 13.08 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE High Curve  
 Time Horizon: 2065  
 1% AEP  
 28.51 inches of SLC

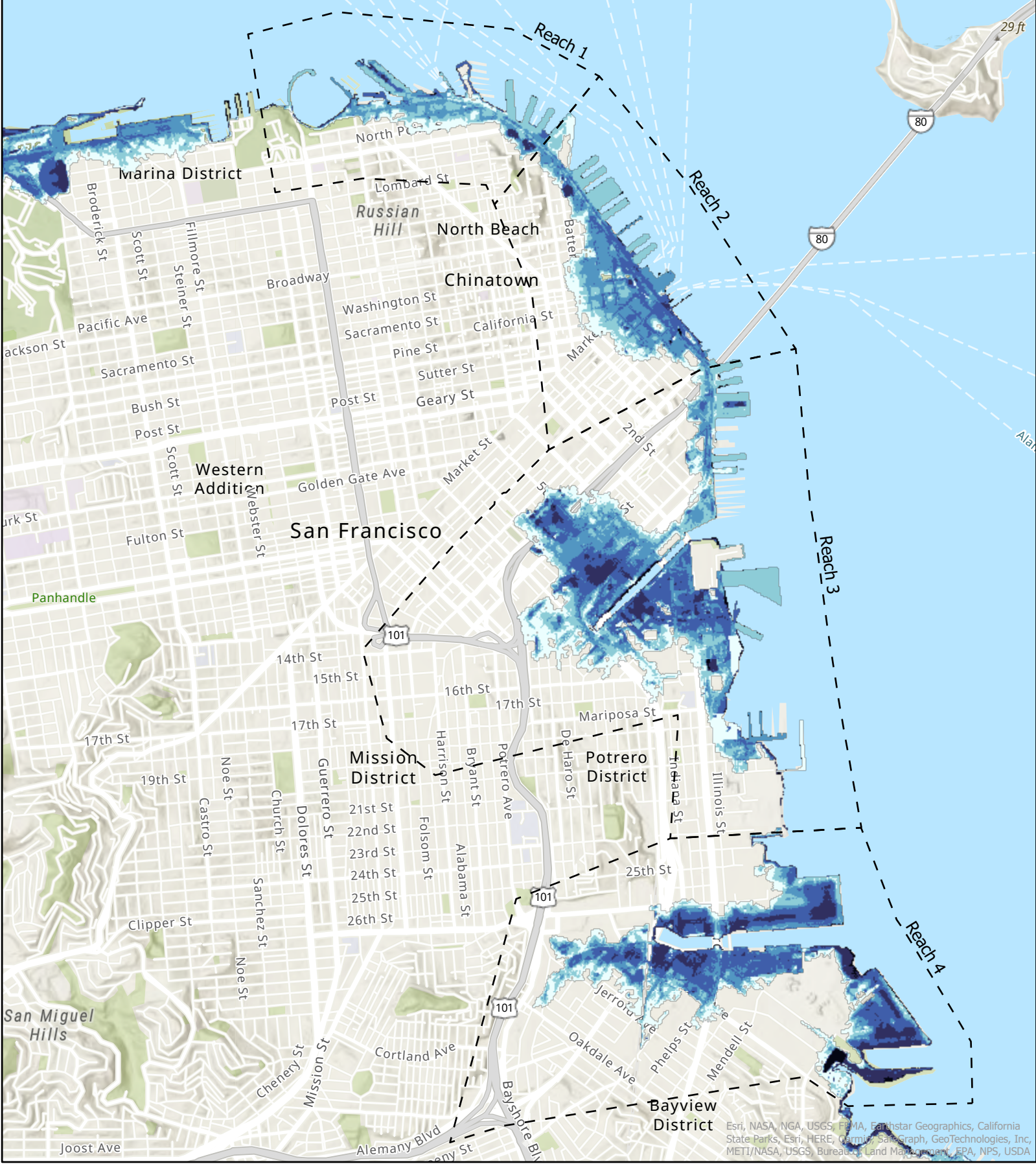
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



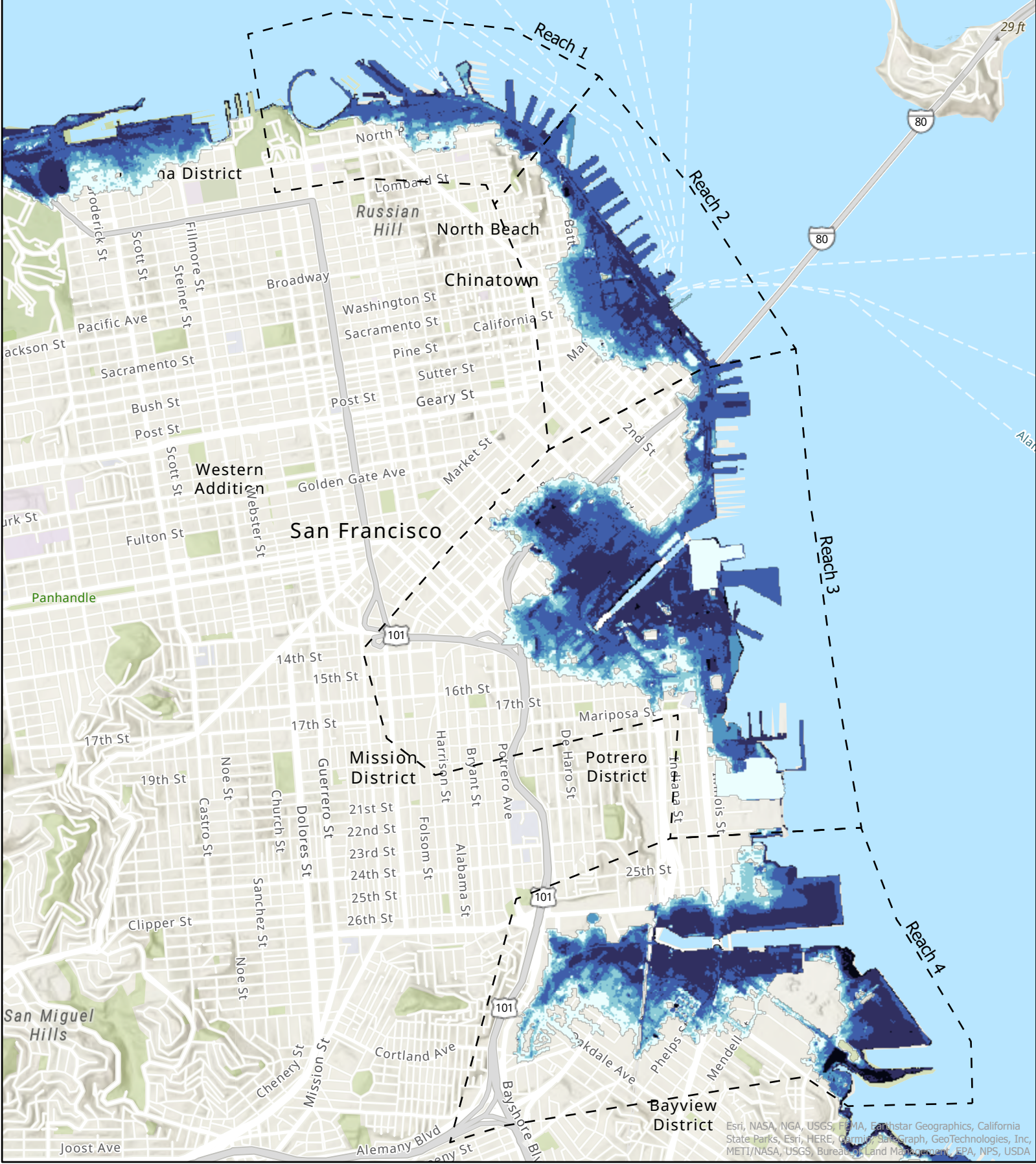
FWOP  
 USACE High Curve  
 Time Horizon: 2090  
 1% AEP  
 49.56 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE High Curve  
 Time Horizon: 2115  
 1% AEP  
 76.1 inches of SLC

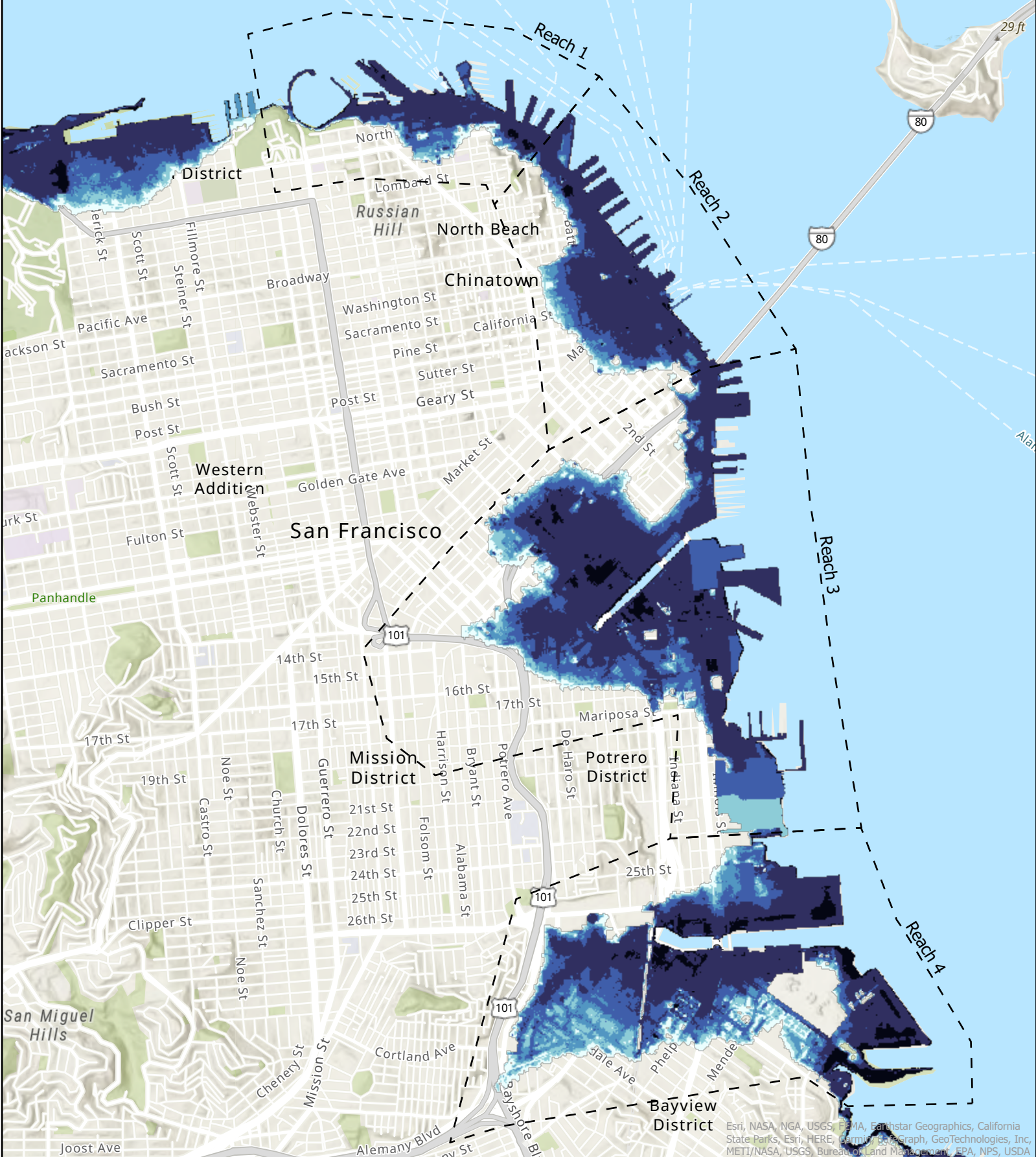
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, DeLorme, GeoGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



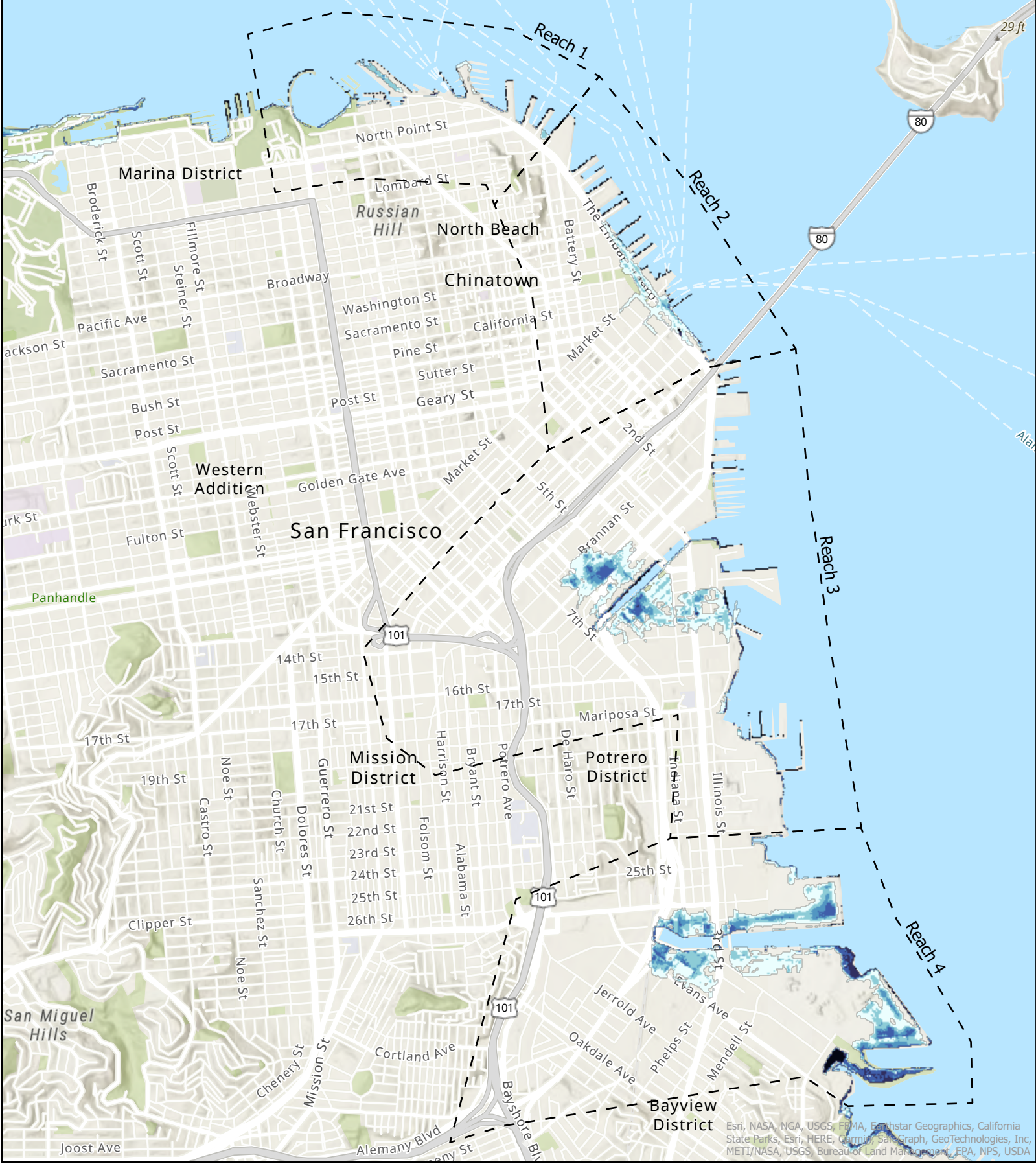
FWOP  
 USACE High Curve  
 Time Horizon: 2140  
 1% AEP  
 108.24 inches of SLC

— Line of Defense  
 - - - USACE Reaches

- 0 - 1 ft
- 1 - 2 ft
- 2 - 3 ft
- 3 - 5 ft
- 5 - 10 ft
- > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



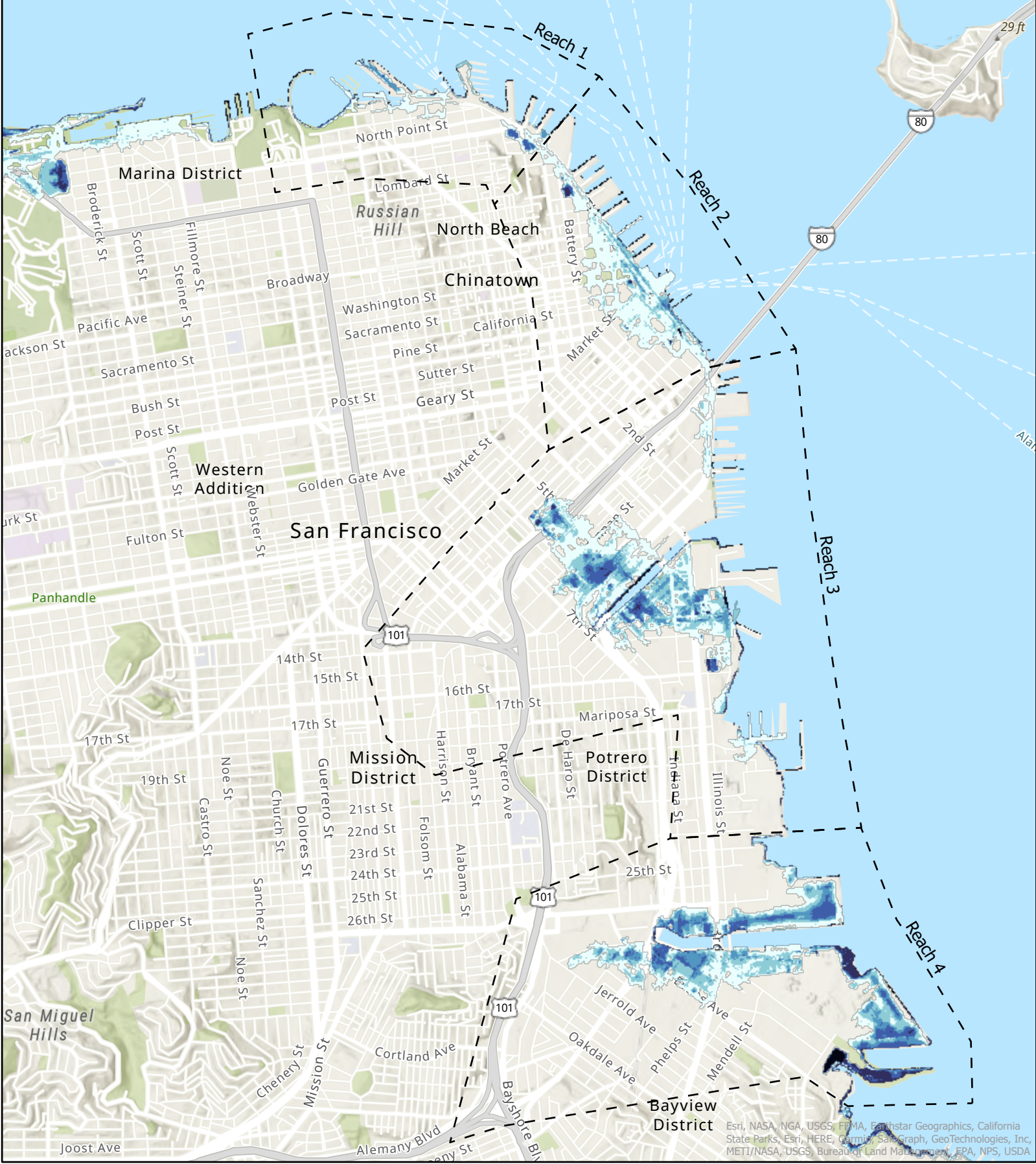
FWOP  
 OPC Likely Curve  
 Time Horizon: 2040  
 1% AEP  
 9.6 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 OPC Likely Curve  
 Time Horizon: 2065  
 1% AEP  
 21.24 inches of SLC

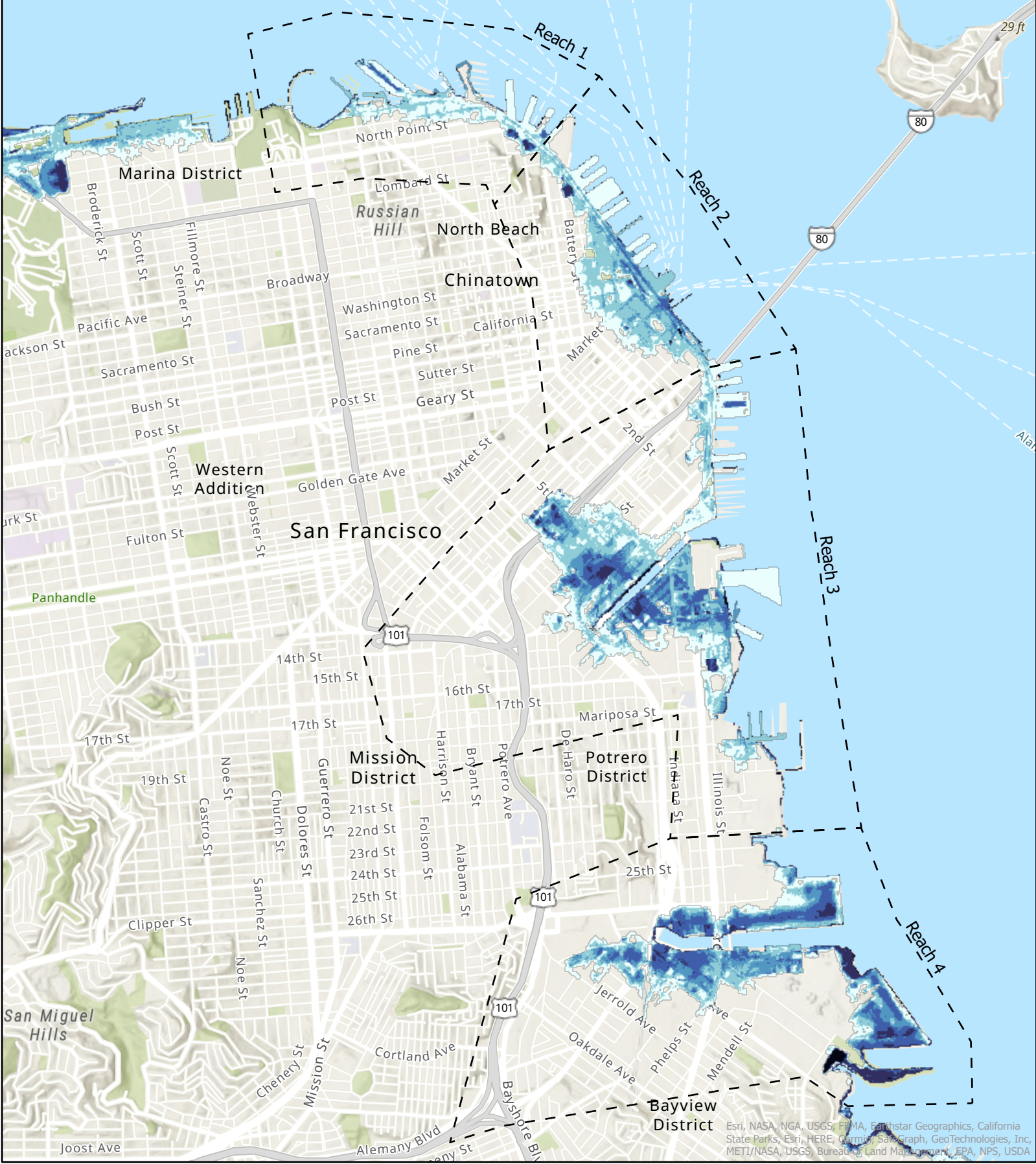
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 OPC Likely Curve  
 Time Horizon: 2090  
 1% AEP  
 35.18 inches of SLC

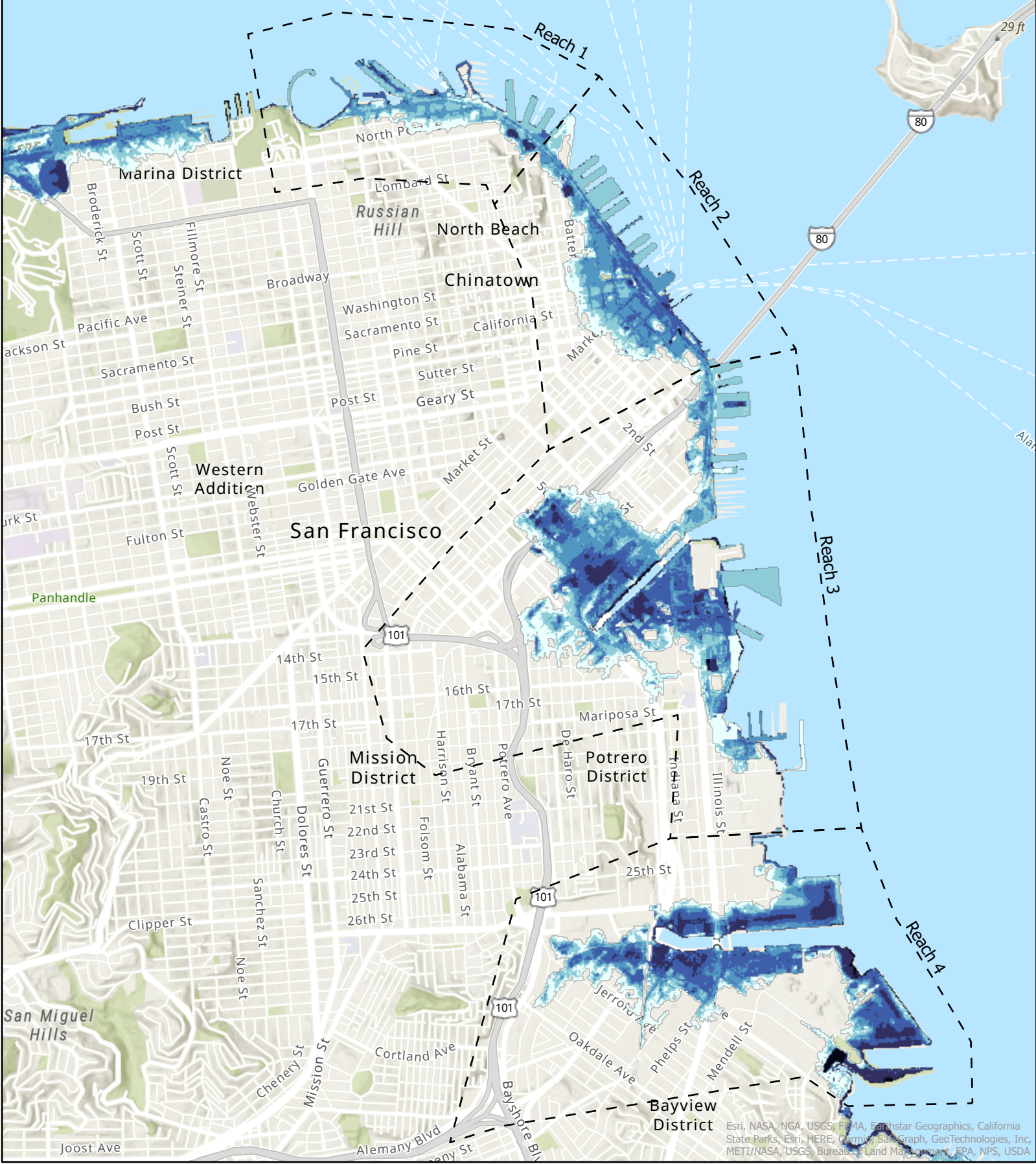
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



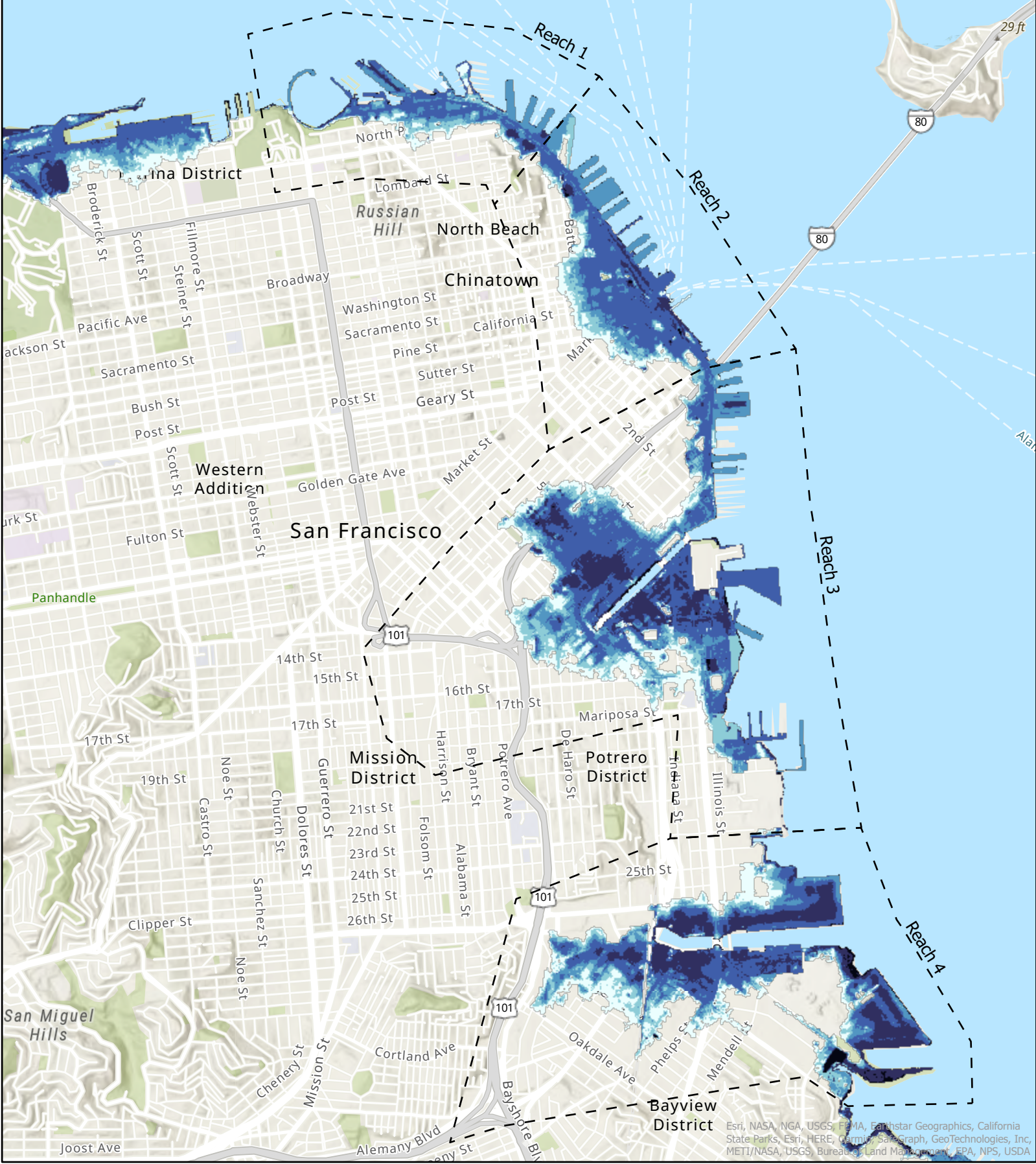
FWOP  
 OPC Likely Curve  
 Time Horizon: 2115  
 1% AEP  
 49.3 inches of SLC

— Line of Defense  
 - - - USACE Reaches

- 0 - 1 ft
- 1 - 2 ft
- 2 - 3 ft
- 3 - 5 ft
- 5 - 10 ft
- > 10 ft







FWOP  
 OPC Likely Curve  
 Time Horizon: 2140  
 1% AEP  
 63.74 inches of SLC

— Line of Defense  
 - - - USACE Reaches

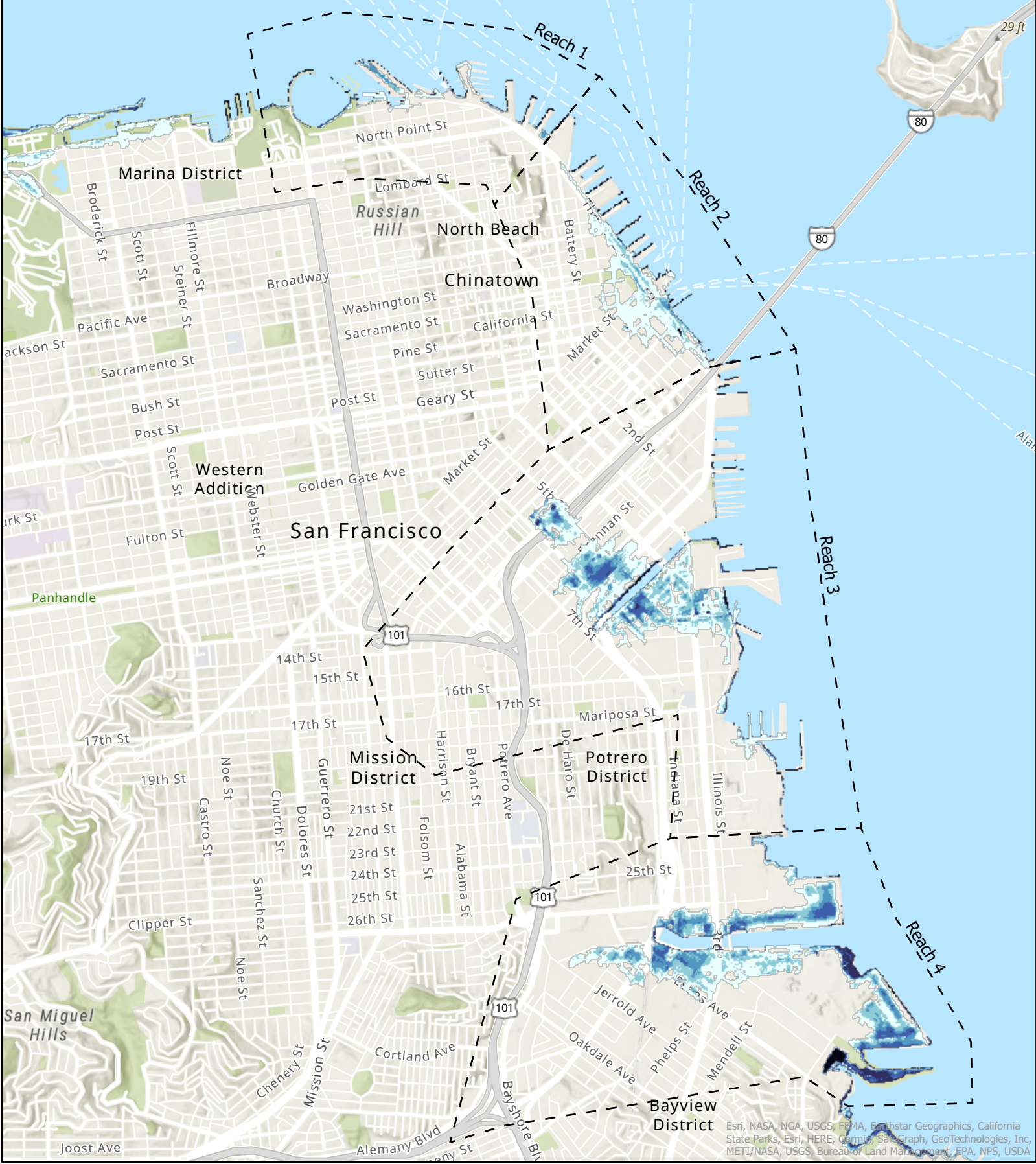
0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 OPC 1:200 Curve  
 Time Horizon: 2040  
 1% AEP  
 16.32 inches of SLC

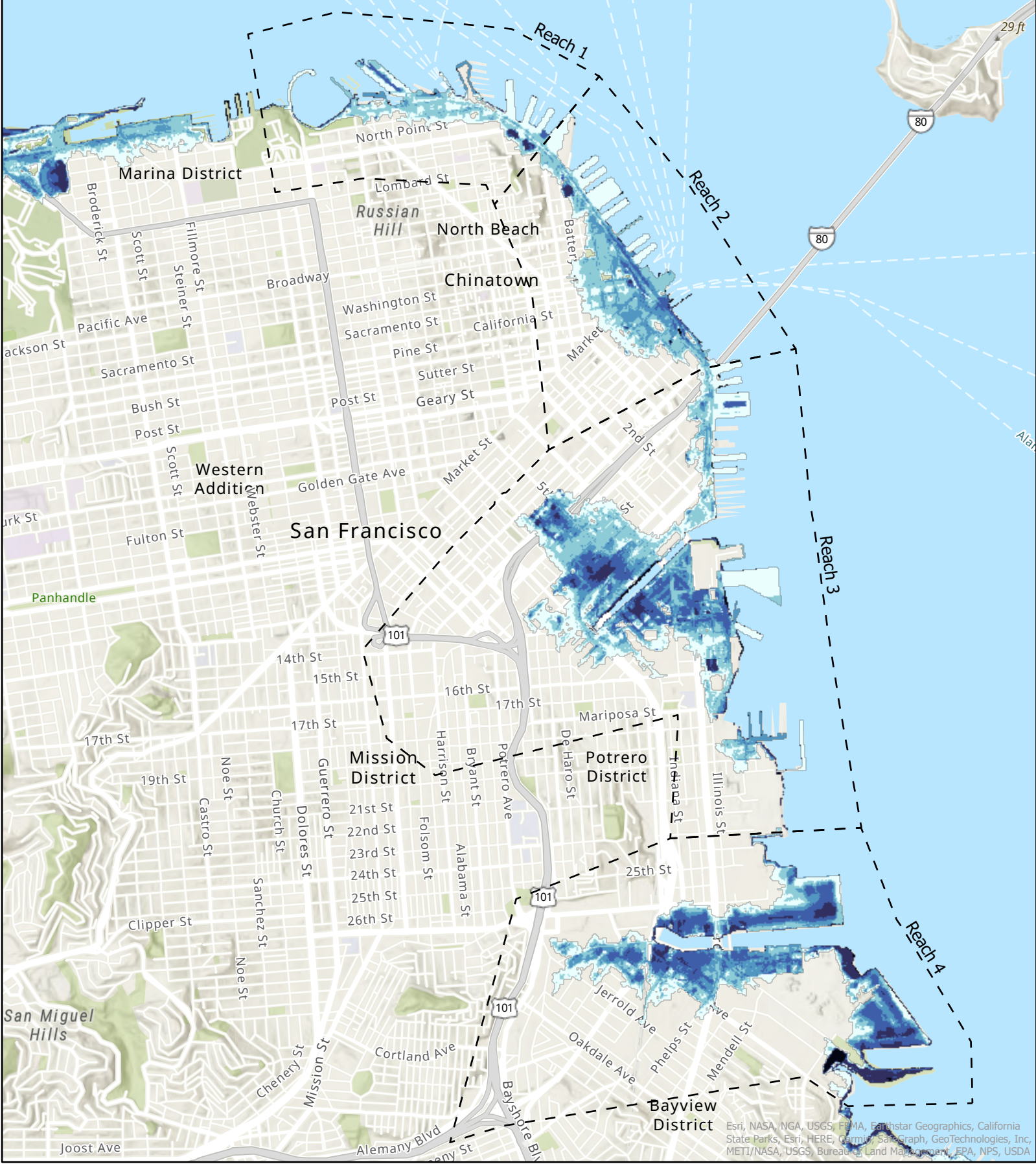
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



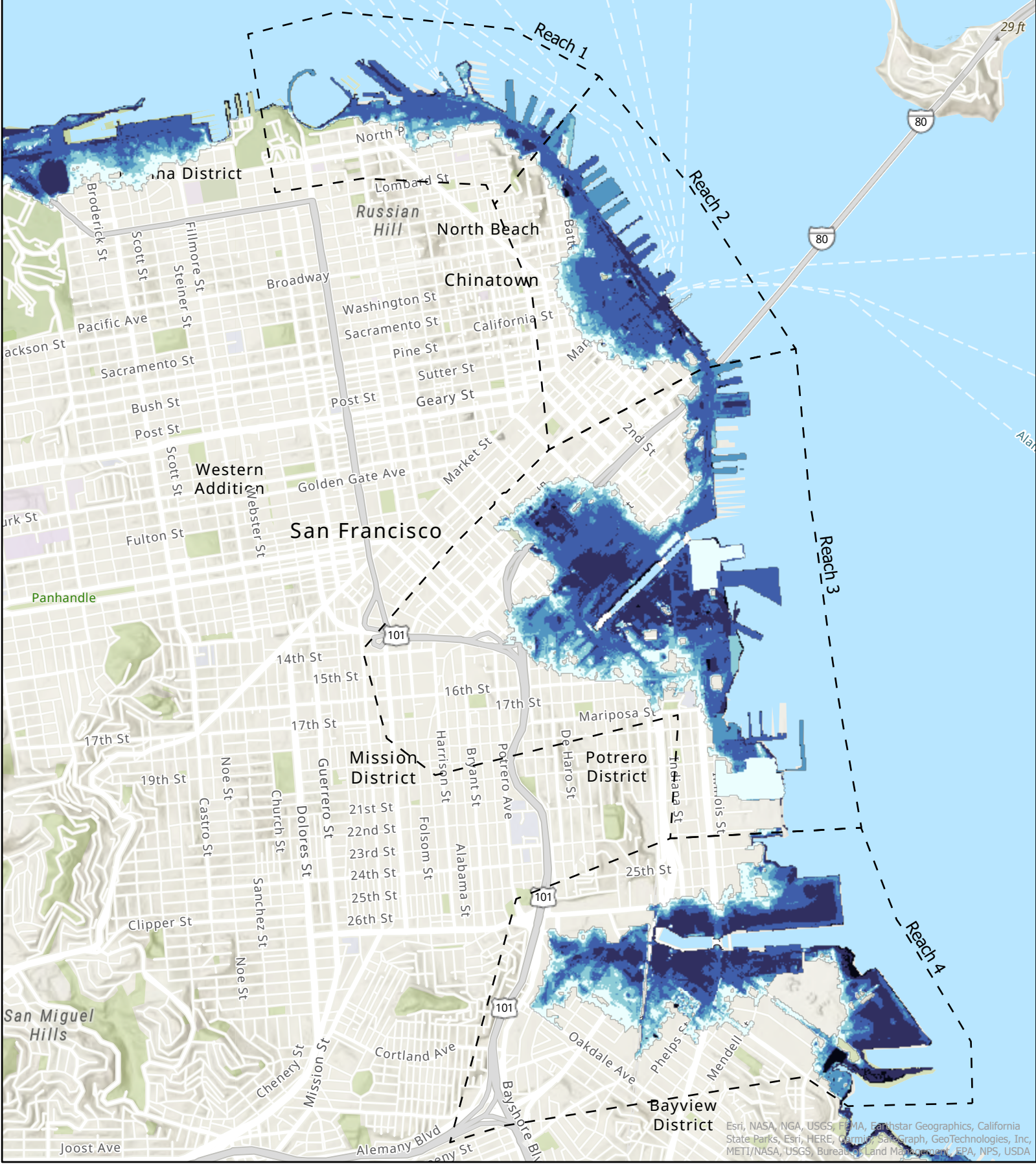
FWOP  
 OPC 1:200 Curve  
 Time Horizon: 2065  
 1% AEP  
 39.21 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 OPC 1:200 Curve  
 Time Horizon: 2090  
 1% AEP  
 69.74 inches of SLC

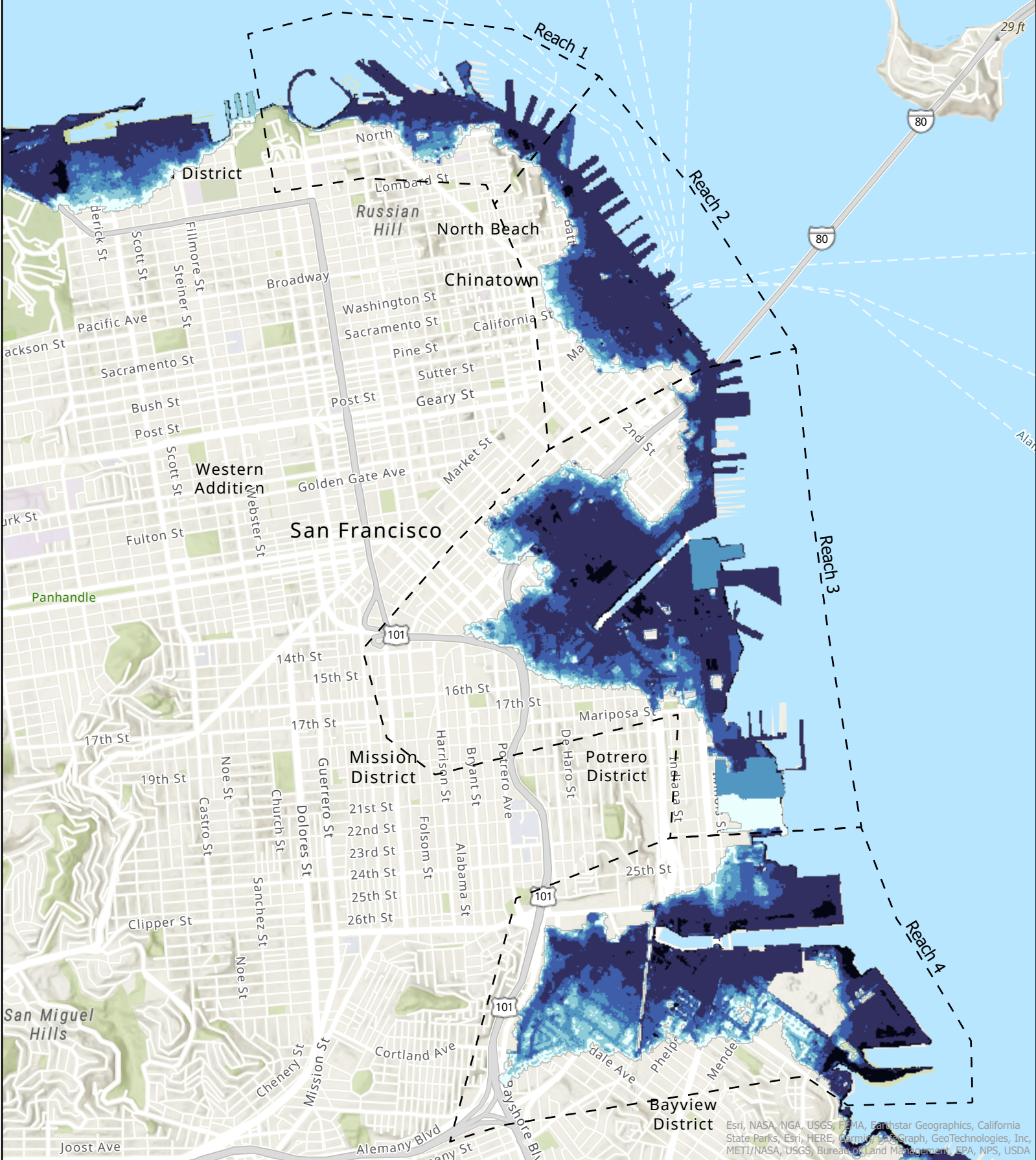
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, DeLorme, Stamen, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 OPC 1:200 Curve  
 Time Horizon: 2115  
 1% AEP  
 103.04 inches of SLC

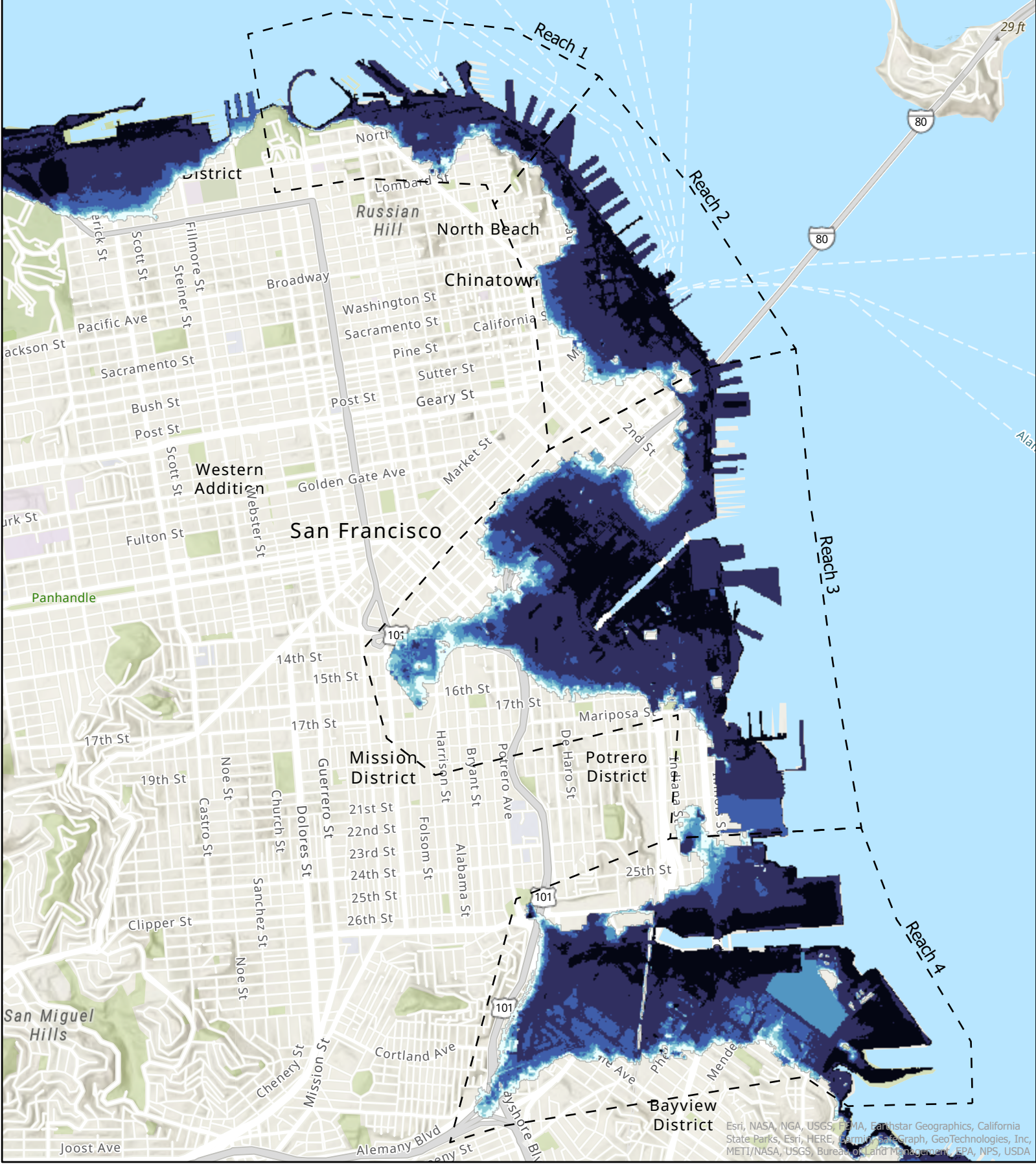
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles  
 N







FWOP  
 OPC 1:200 Curve  
 Time Horizon: 2140  
 1% AEP  
 140.3 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

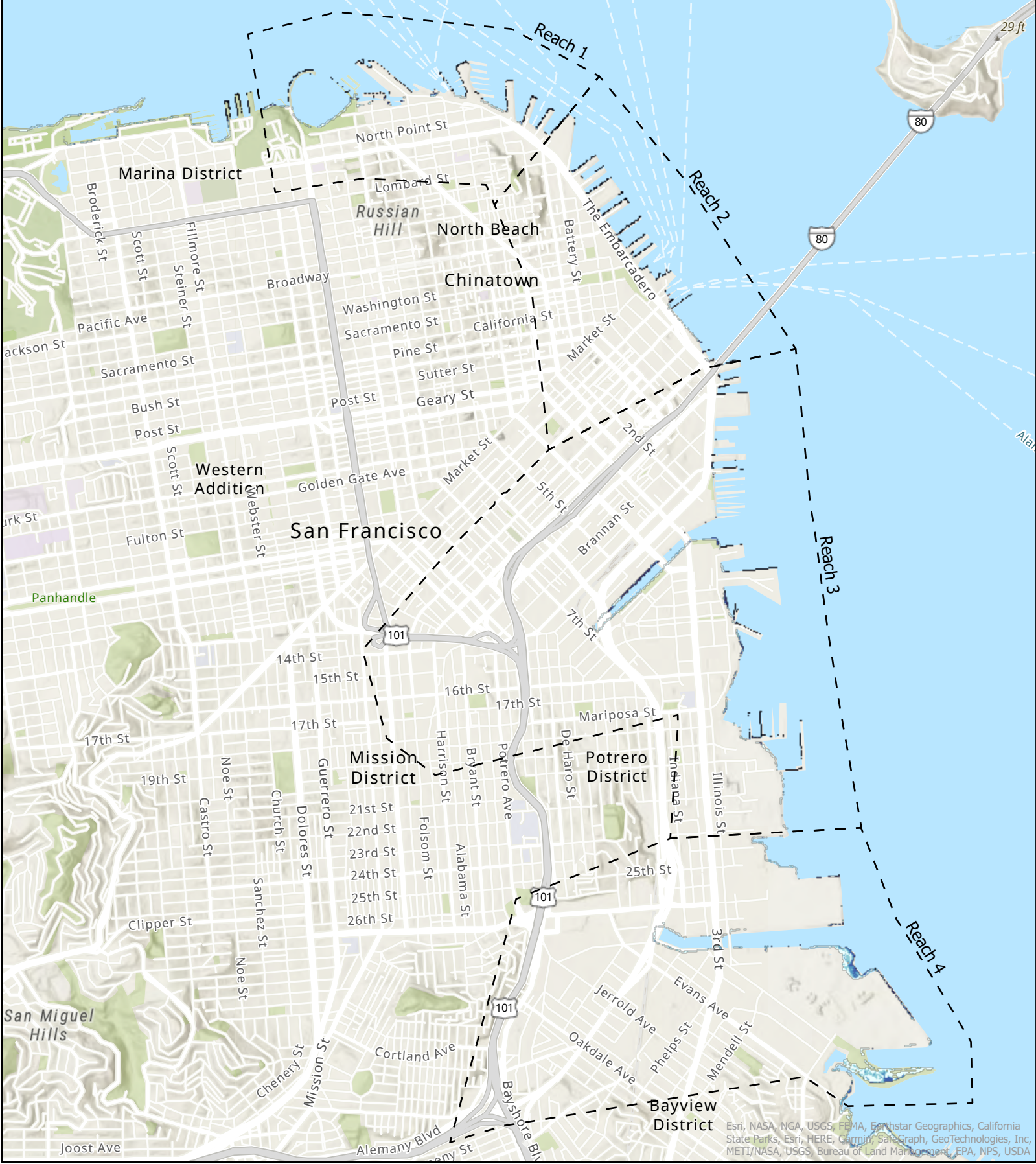
0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, DeLorme, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA

**Monthly**





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Low Curve  
 Time Horizon: 2040  
 Monthly  
 3.24 inches of SLC

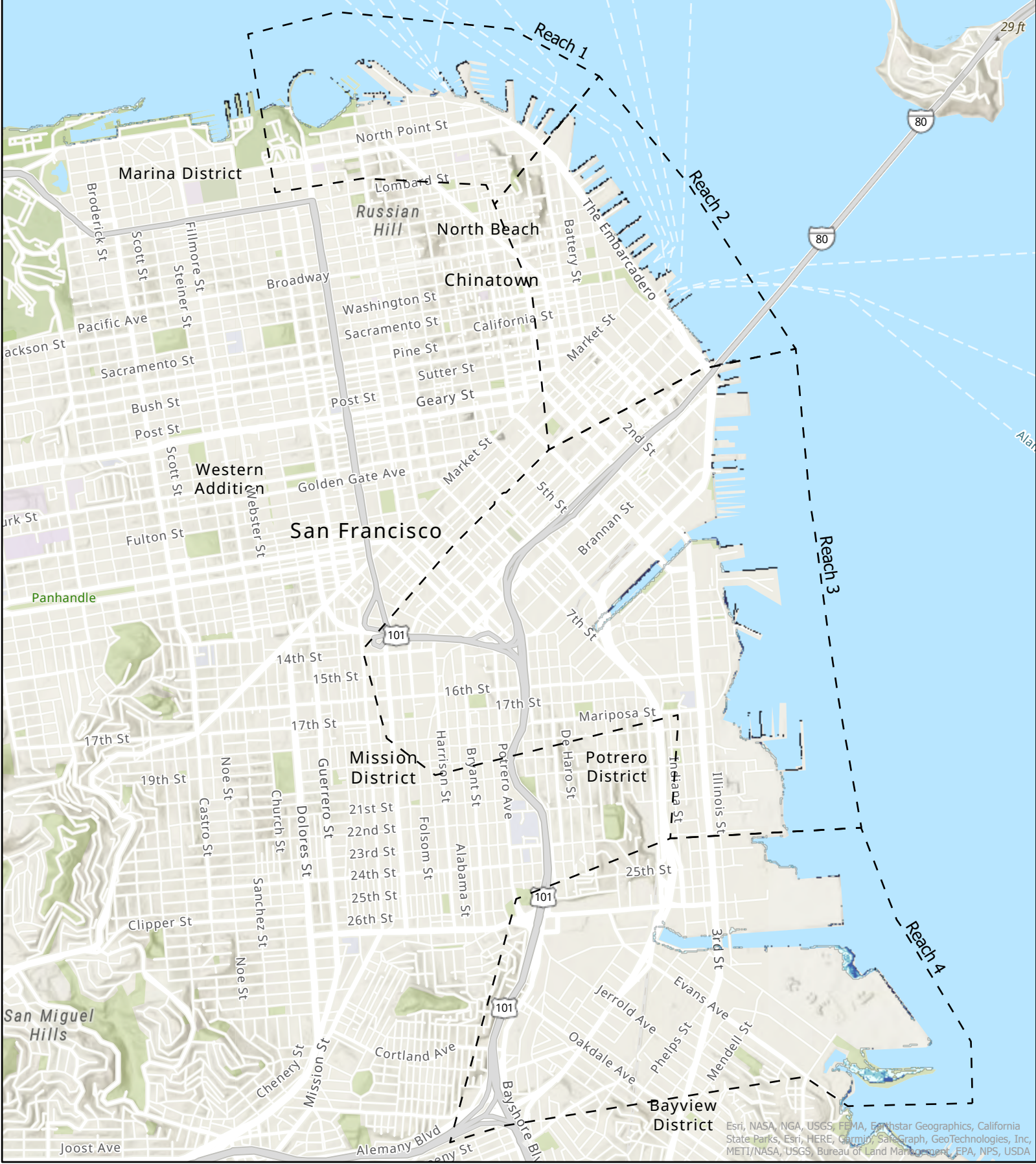
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Low Curve  
 Time Horizon: 2065  
 Monthly  
 5.17 inches of SLC

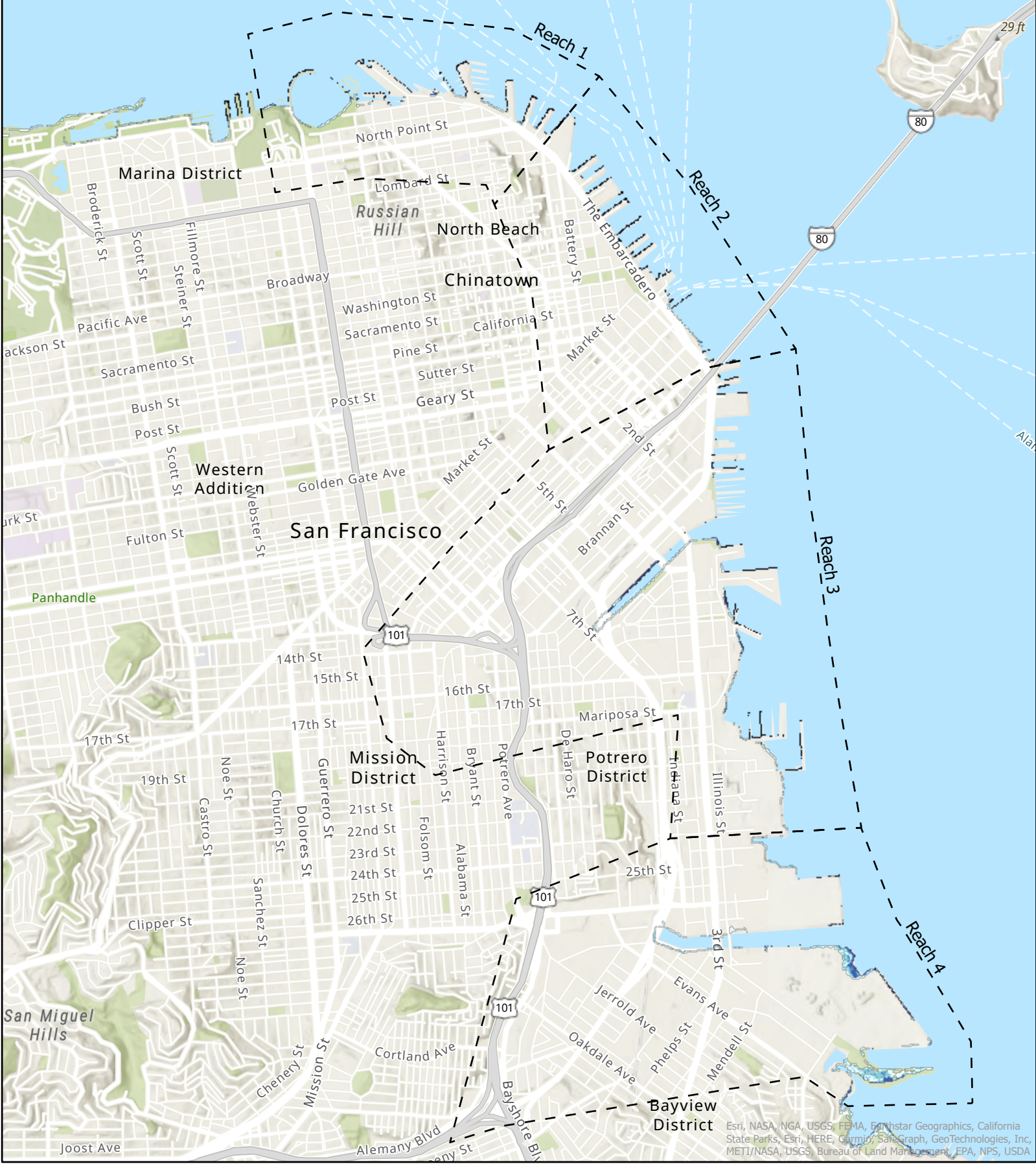
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



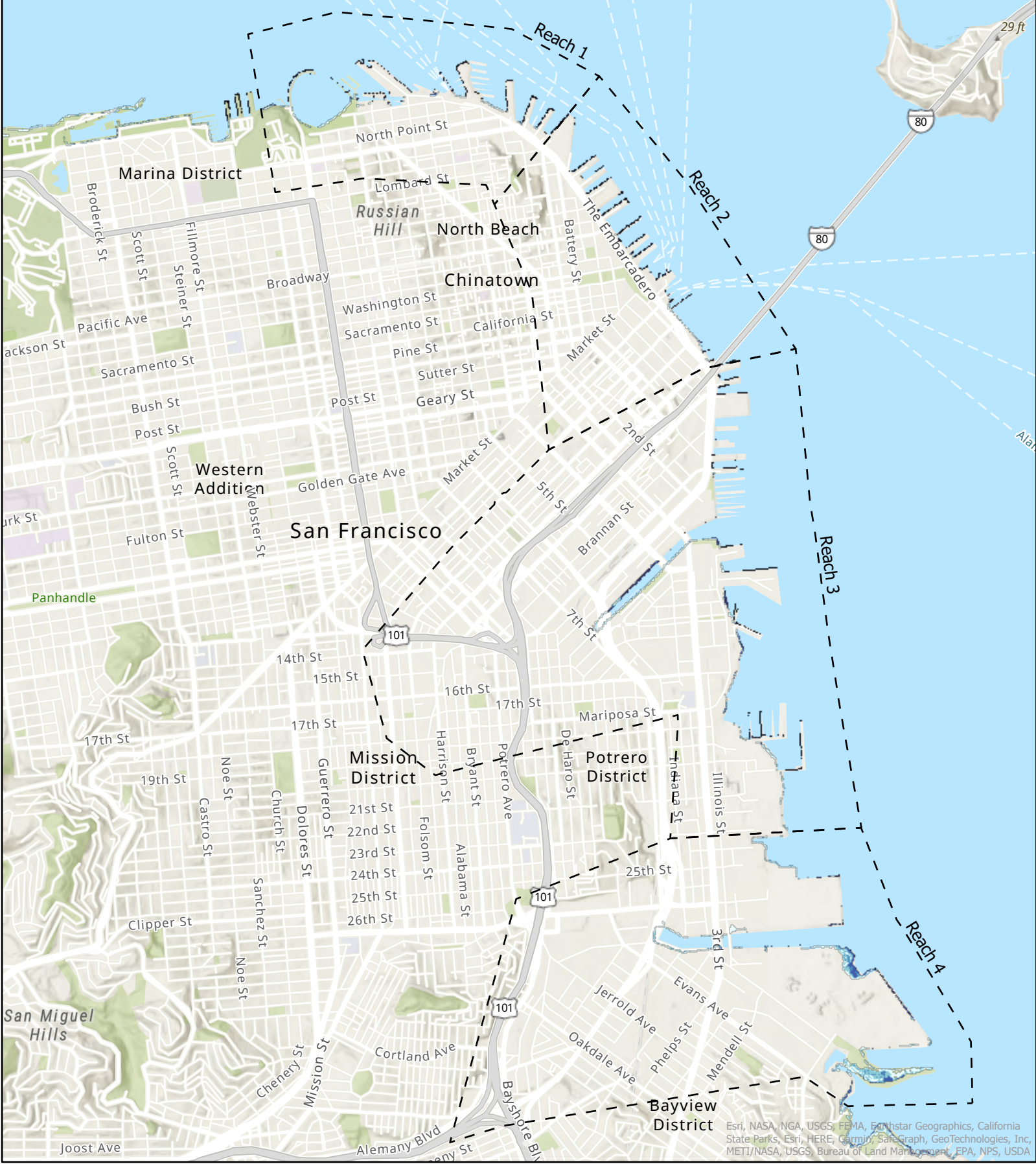
FWOP  
 USACE Low Curve  
 Time Horizon: 2090  
 Monthly  
 7.2 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



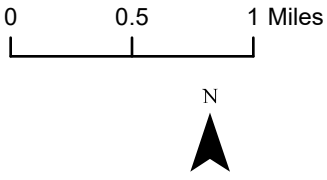




FWOP  
 USACE Low Curve  
 Time Horizon: 2115  
 Monthly  
 9.13 inches of SLC

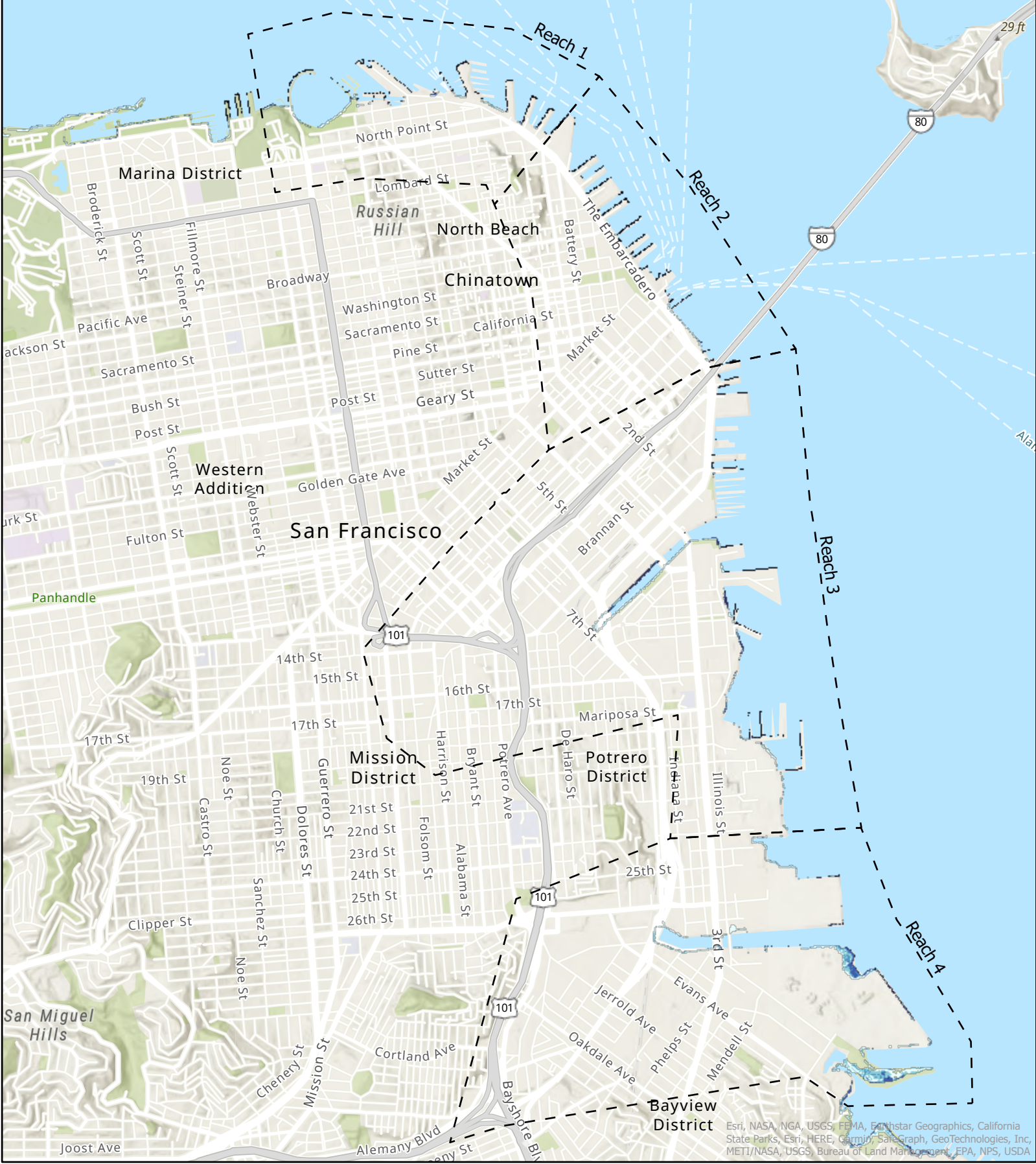
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





FWOP  
 USACE Low Curve  
 Time Horizon: 2140  
 Monthly  
 11.16 inches of SLC

— Line of Defense  
 - - - USACE Reaches

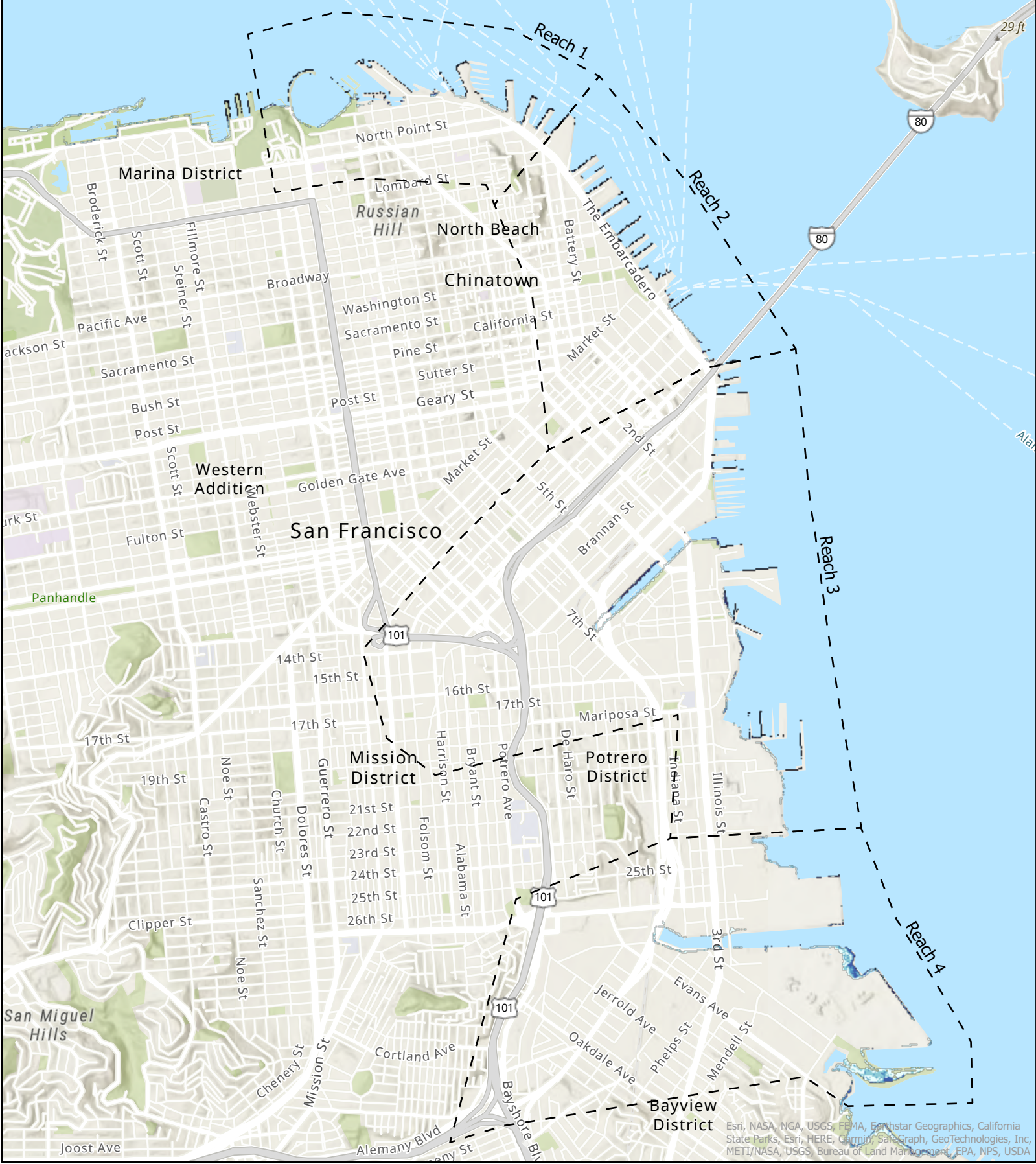
0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles  
 N



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Intermediate Curve  
 Time Horizon: 2040  
 Monthly  
 5.52 inches of SLC

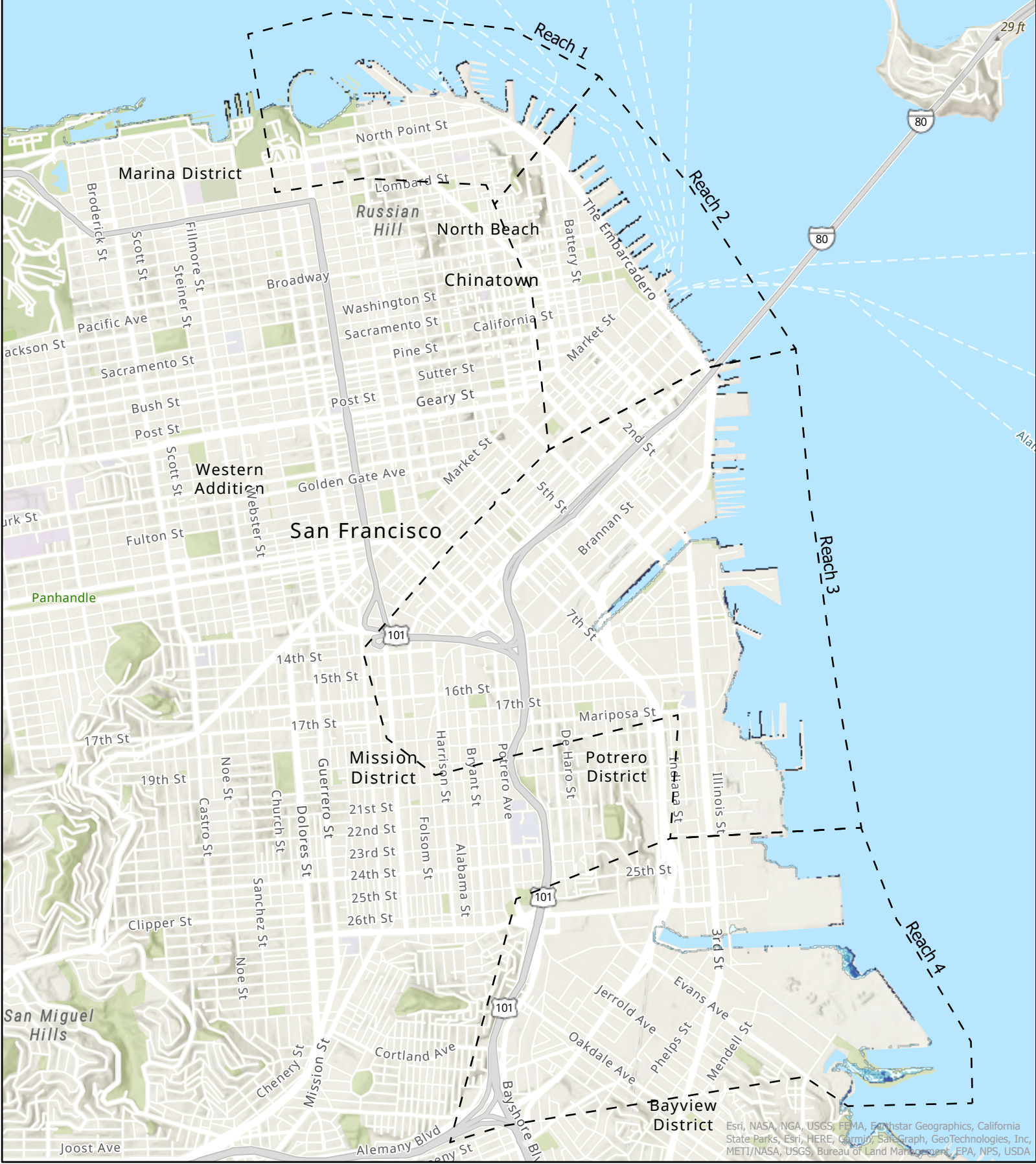
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Intermediate Curve  
 Time Horizon: 2065  
 Monthly  
 10.75 inches of SLC

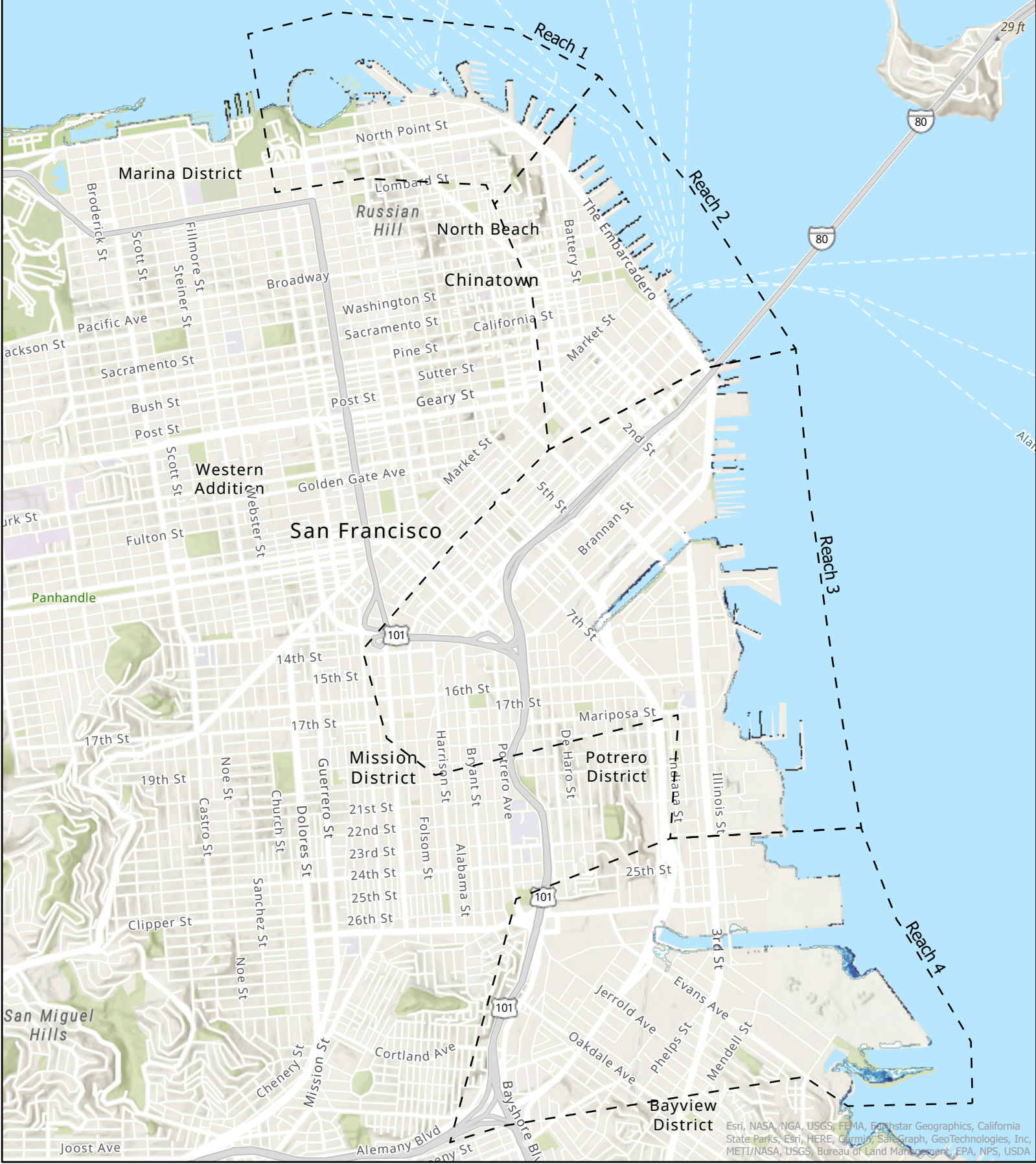
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE Intermediate Curve  
 Time Horizon: 2090  
 Monthly  
 17.28 inches of SLC

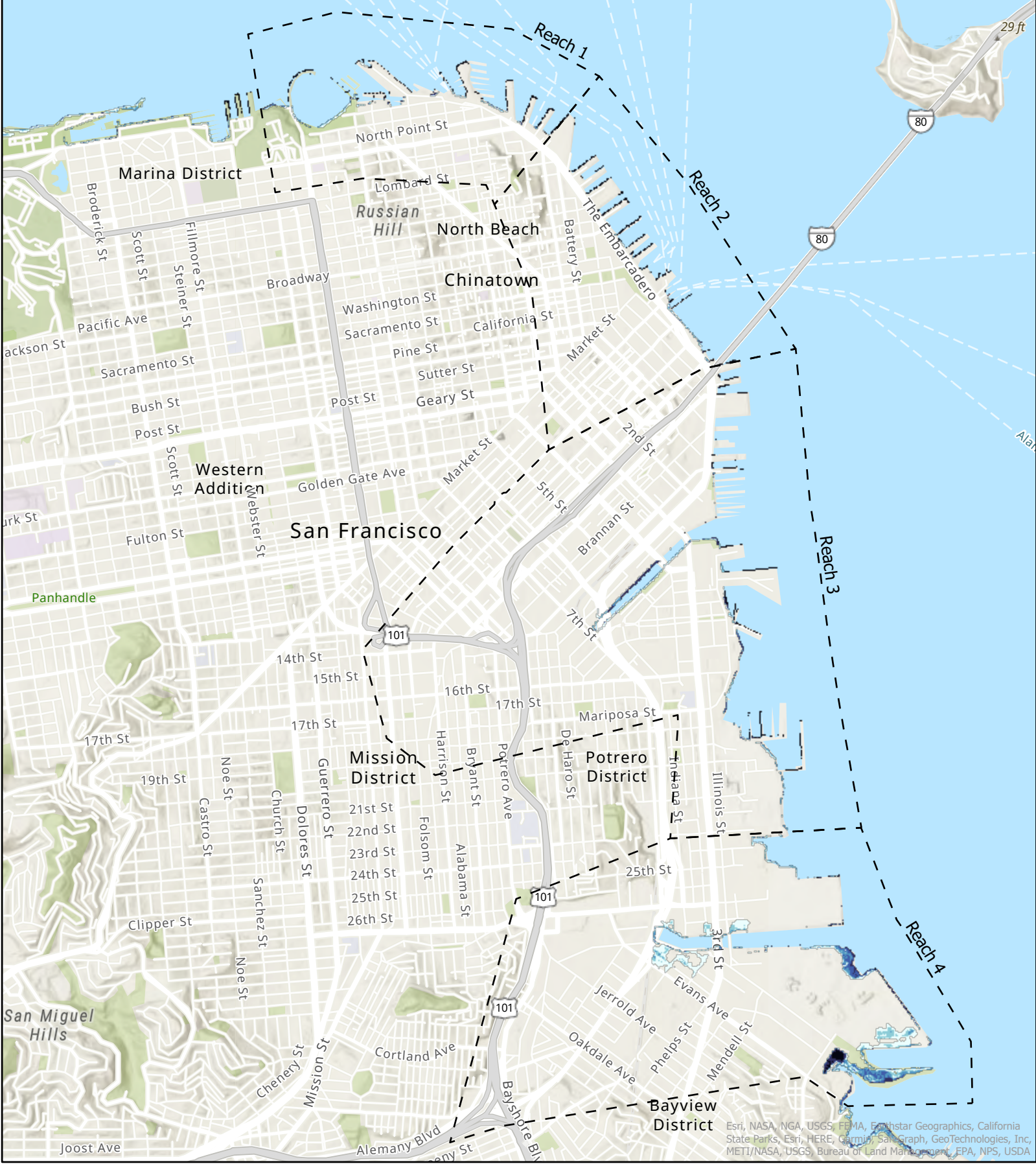
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







FWOP  
 USACE Intermediate Curve  
 Time Horizon: 2115  
 Monthly  
 25.15 inches of SLC

— Line of Defense  
 - - - USACE Reaches

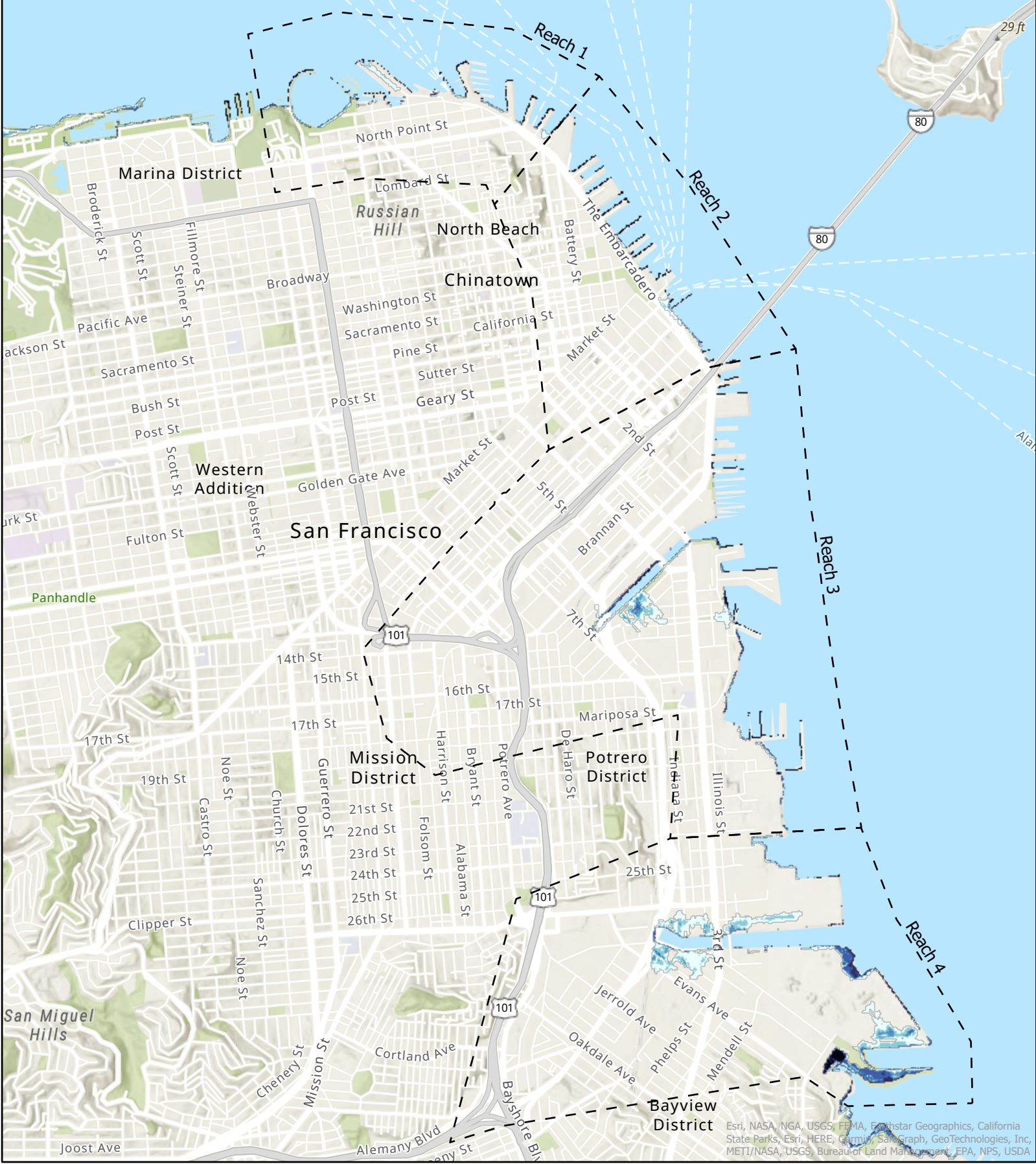
0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles  
 N



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



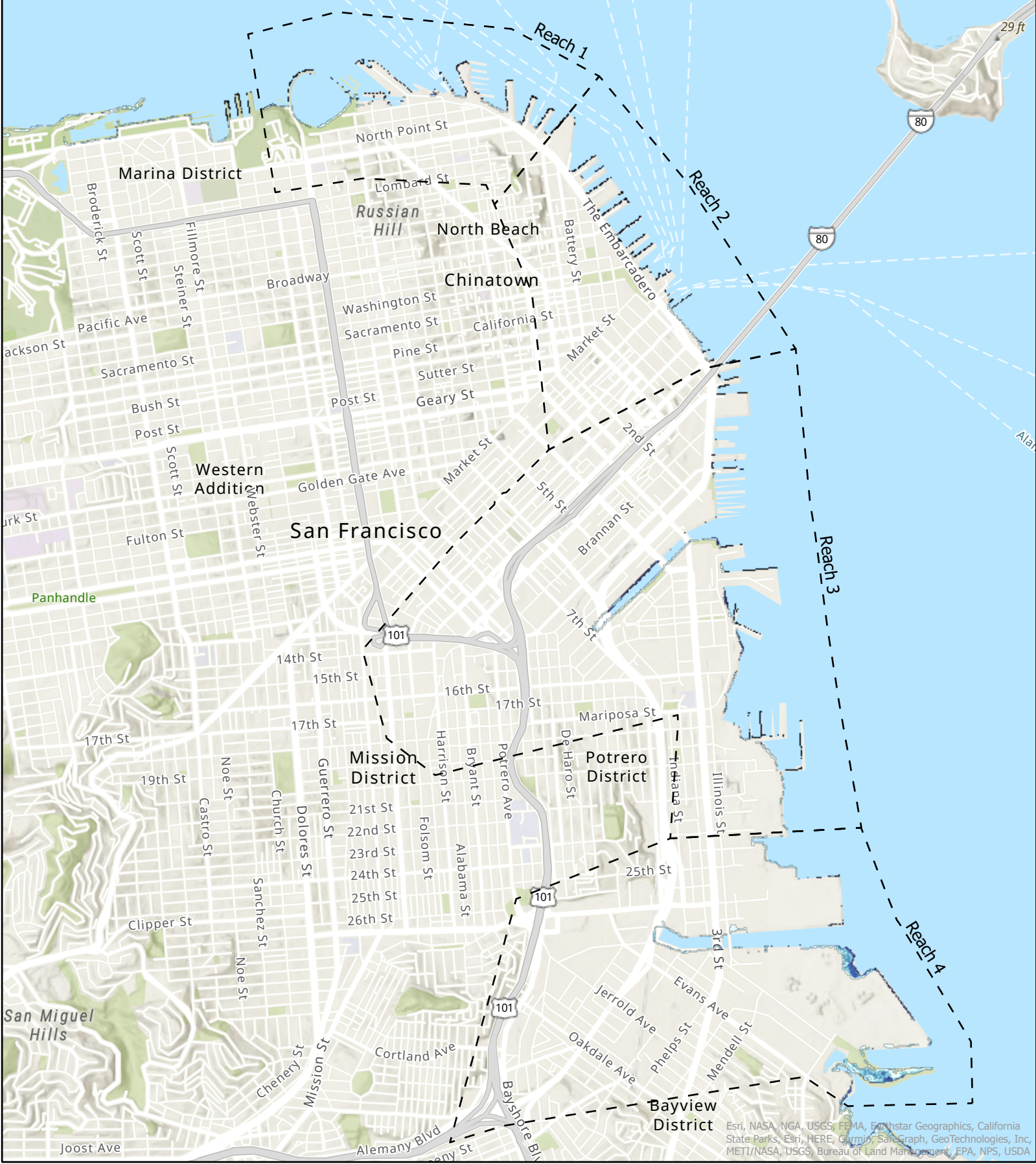
FWOP  
 USACE Intermediate Curve  
 Time Horizon: 2140  
 Monthly  
 34.32 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







FWOP  
 USACE High Curve  
 Time Horizon: 2040  
 Monthly  
 13.08 inches of SLC

— Line of Defense  
 - - - USACE Reaches

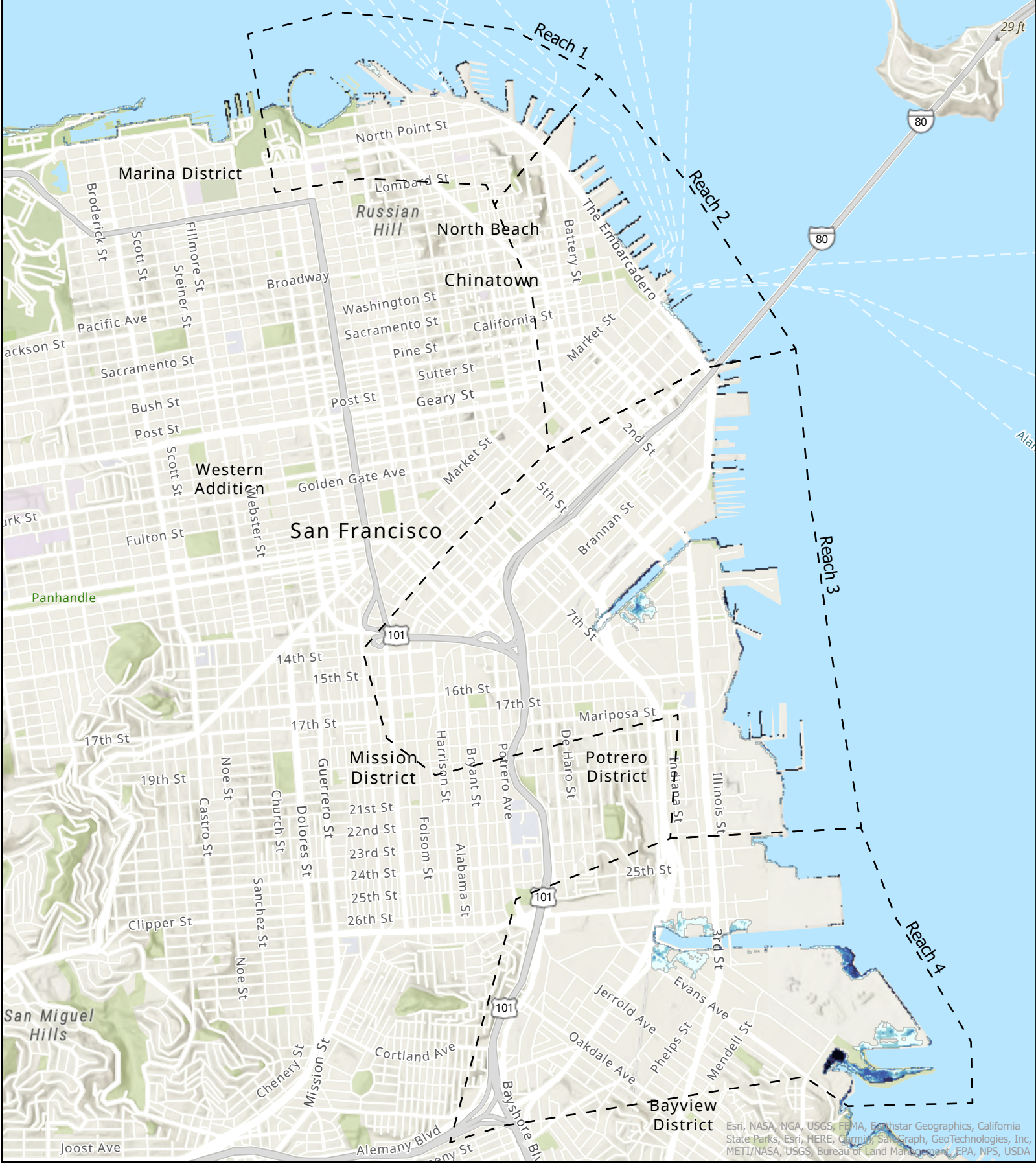
0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA

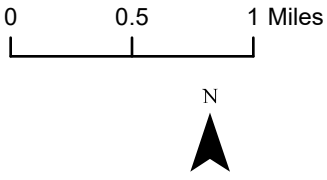




FWOP  
 USACE High Curve  
 Time Horizon: 2065  
 Monthly  
 28.51 inches of SLC

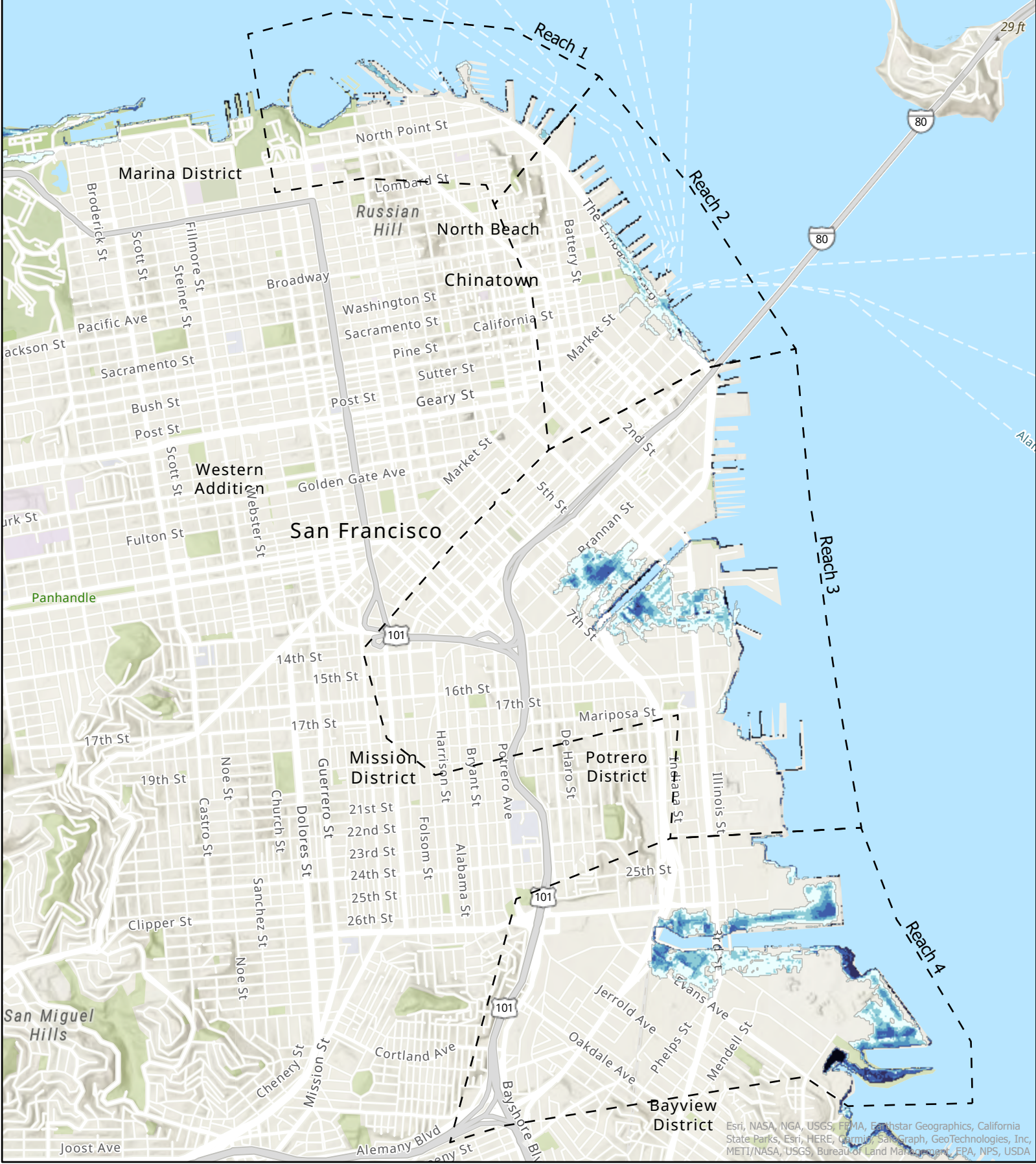
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE High Curve  
 Time Horizon: 2090  
 Monthly  
 49.56 inches of SLC

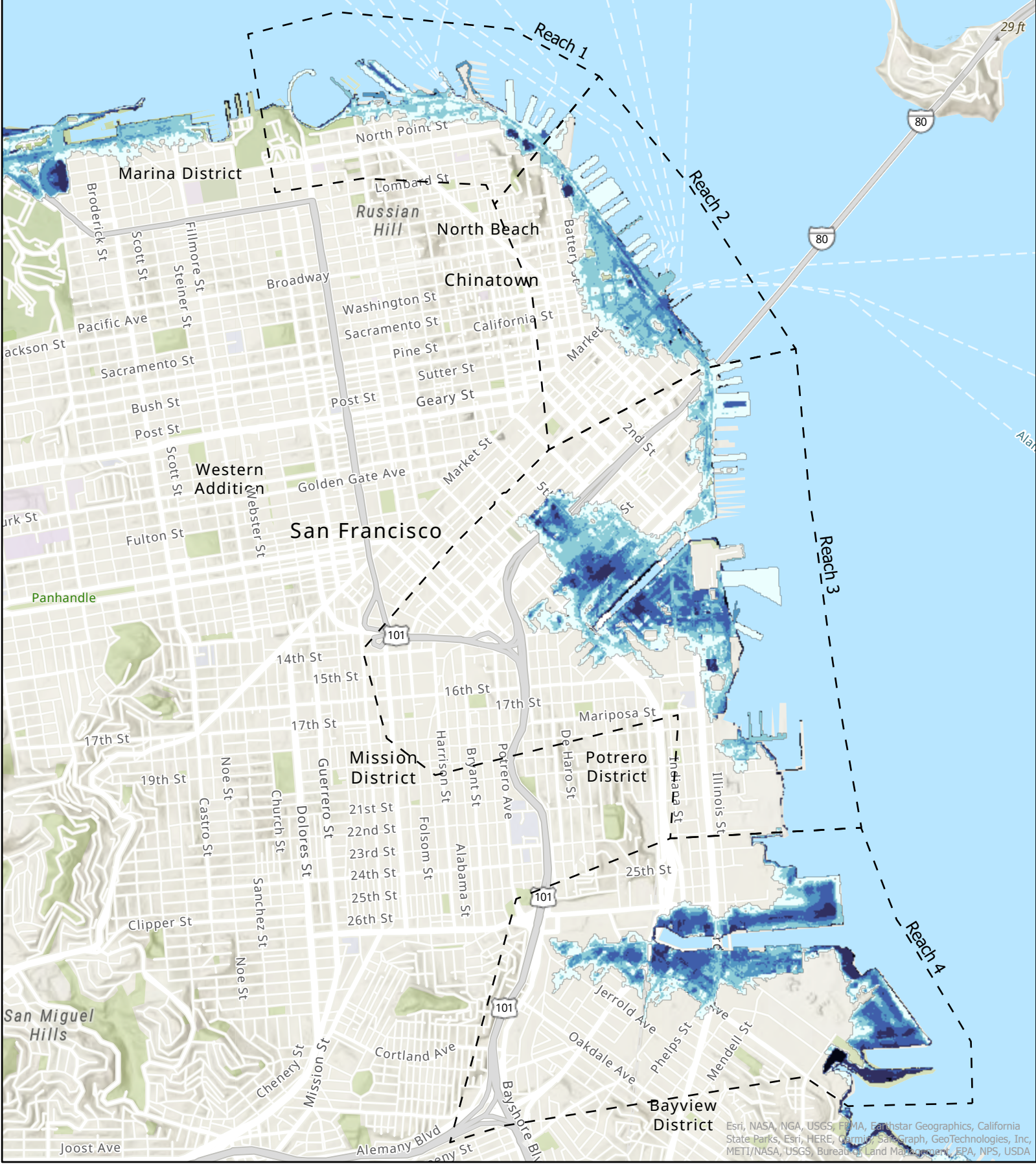
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE High Curve  
 Time Horizon: 2115  
 Monthly  
 76.1 inches of SLC

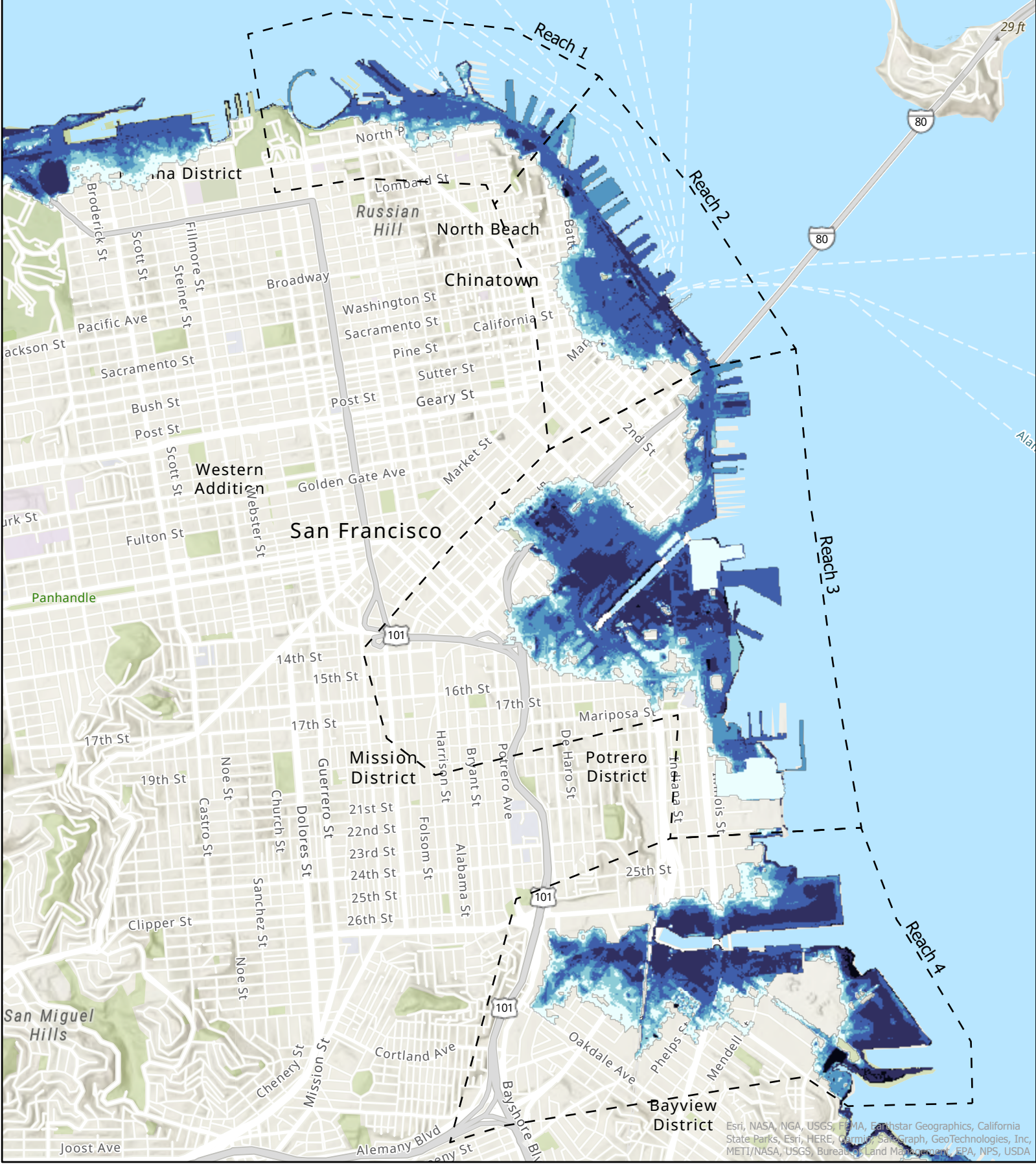
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 USACE High Curve  
 Time Horizon: 2140  
 Monthly  
 108.24 inches of SLC

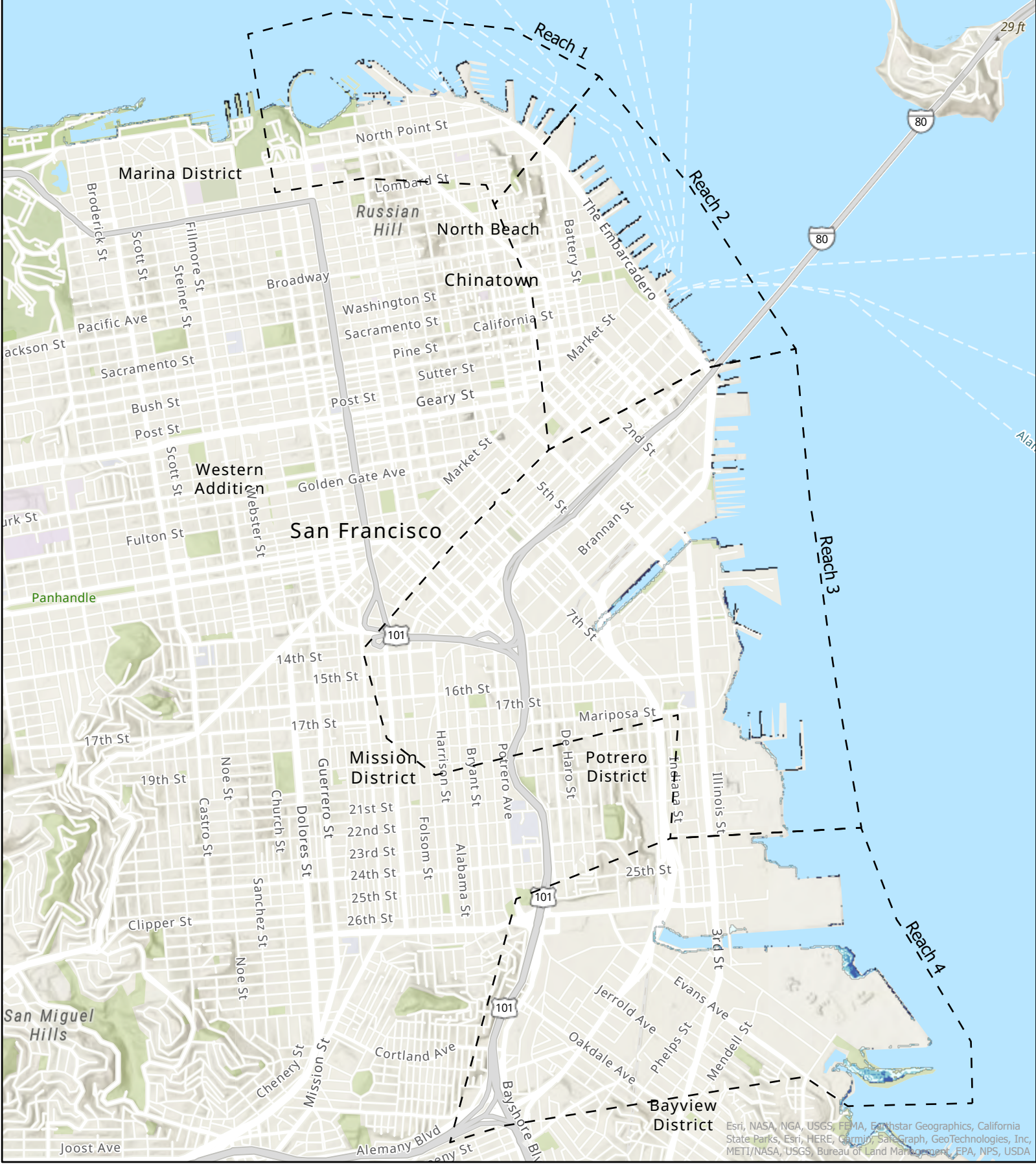
— Line of Defense  
 - - - USACE Reaches

- 0 - 1 ft
- 1 - 2 ft
- 2 - 3 ft
- 3 - 5 ft
- 5 - 10 ft
- > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 OPC Likely Curve  
 Time Horizon: 2040  
 Monthly  
 9.6 inches of SLC

— Line of Defense  
 - - - USACE Reaches

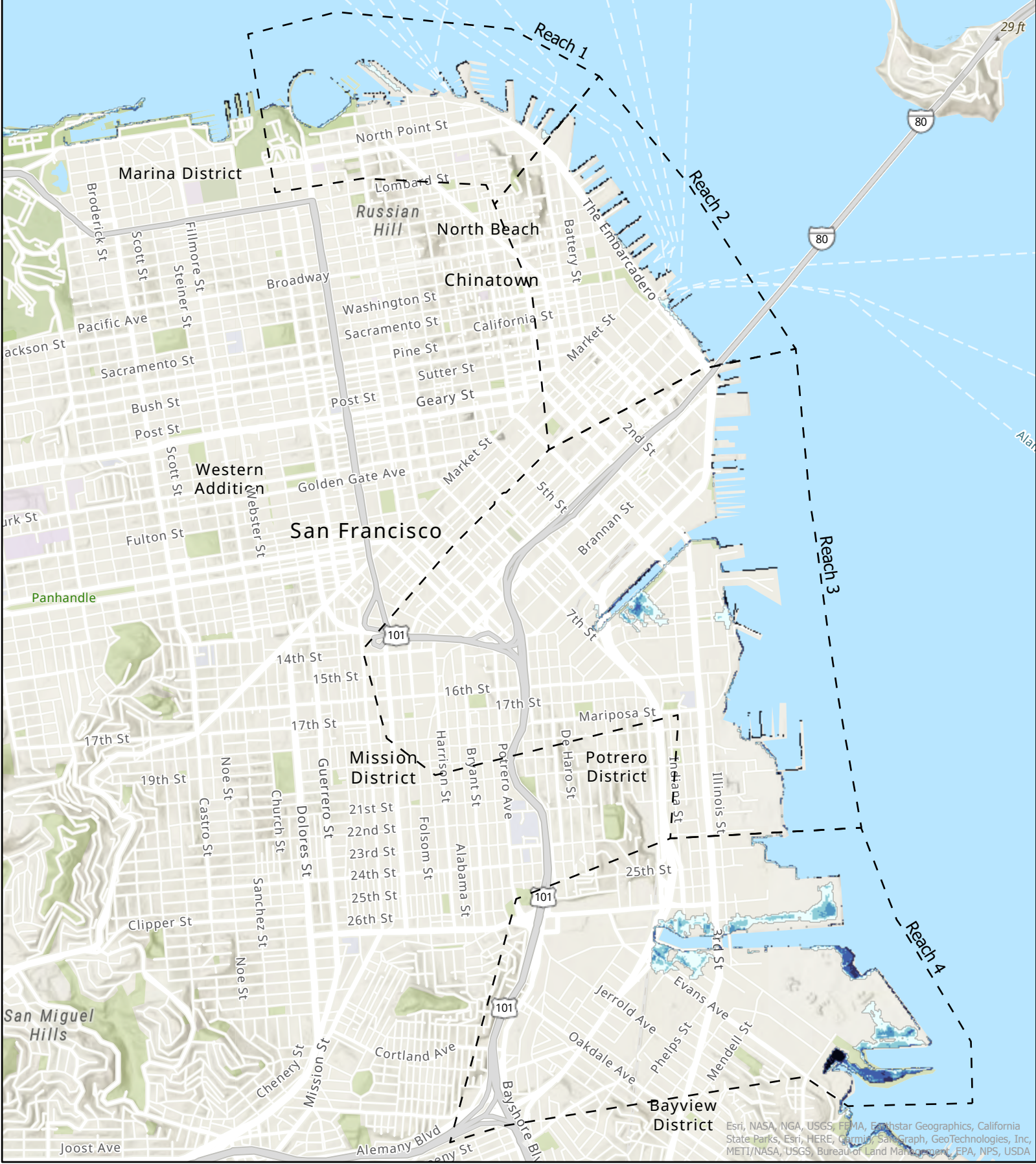
- 0 - 1 ft
- 1 - 2 ft
- 2 - 3 ft
- 3 - 5 ft
- 5 - 10 ft
- > 10 ft











Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



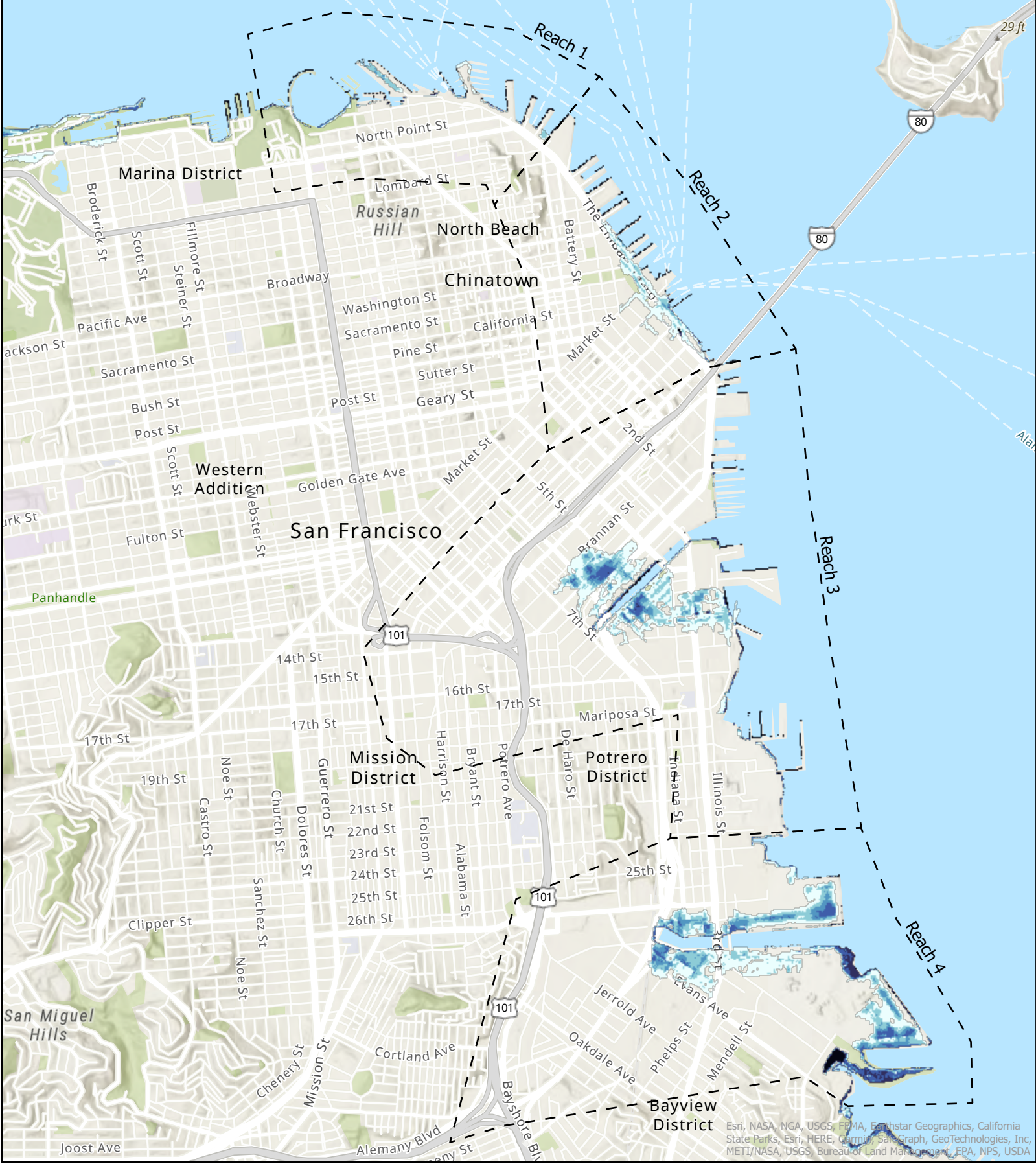
FWOP  
 OPC Likely Curve  
 Time Horizon: 2090  
 Monthly  
 35.18 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 OPC Likely Curve  
 Time Horizon: 2115  
 Monthly  
 49.3 inches of SLC

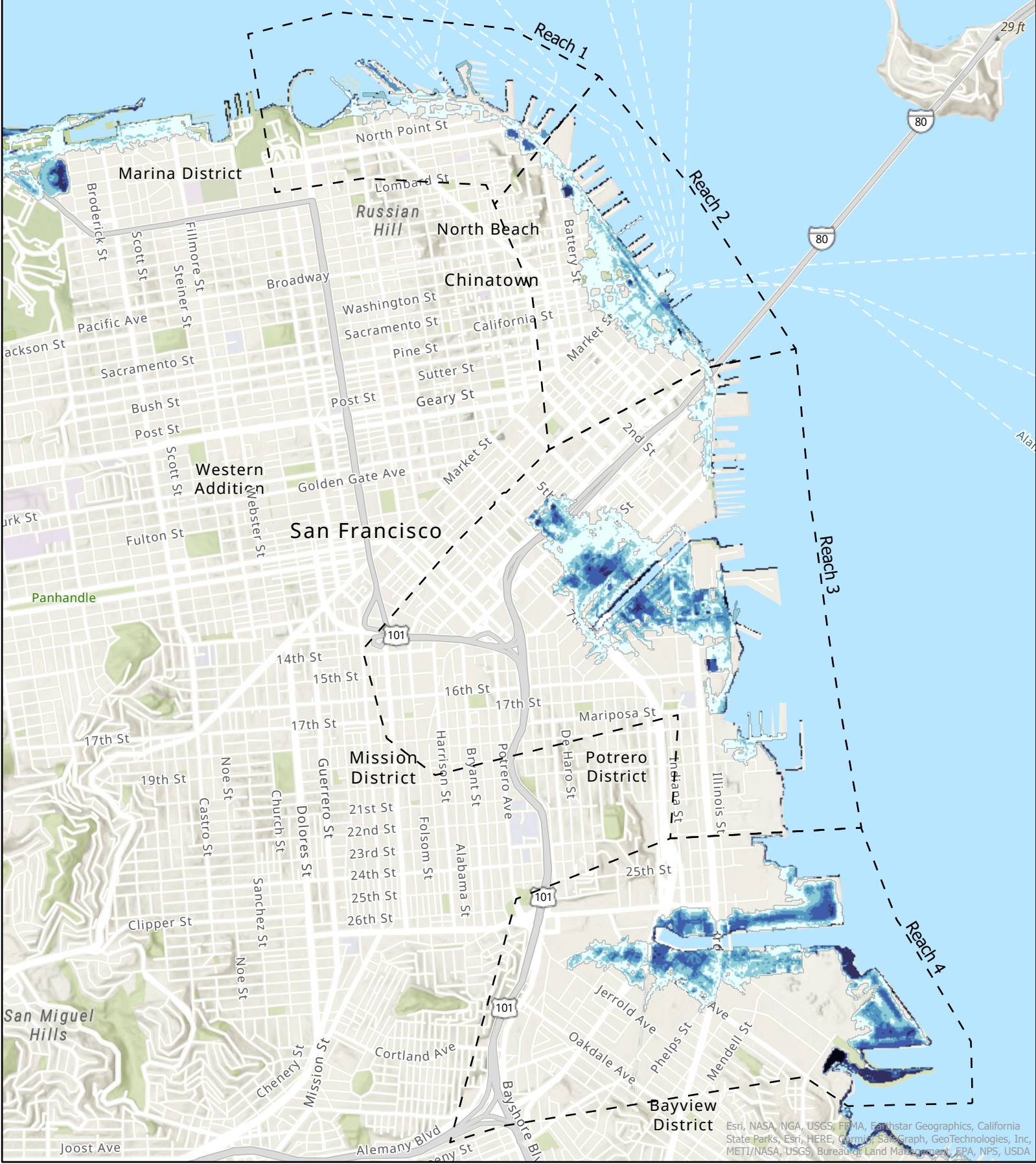
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 OPC Likely Curve  
 Time Horizon: 2140  
 Monthly  
 63.74 inches of SLC

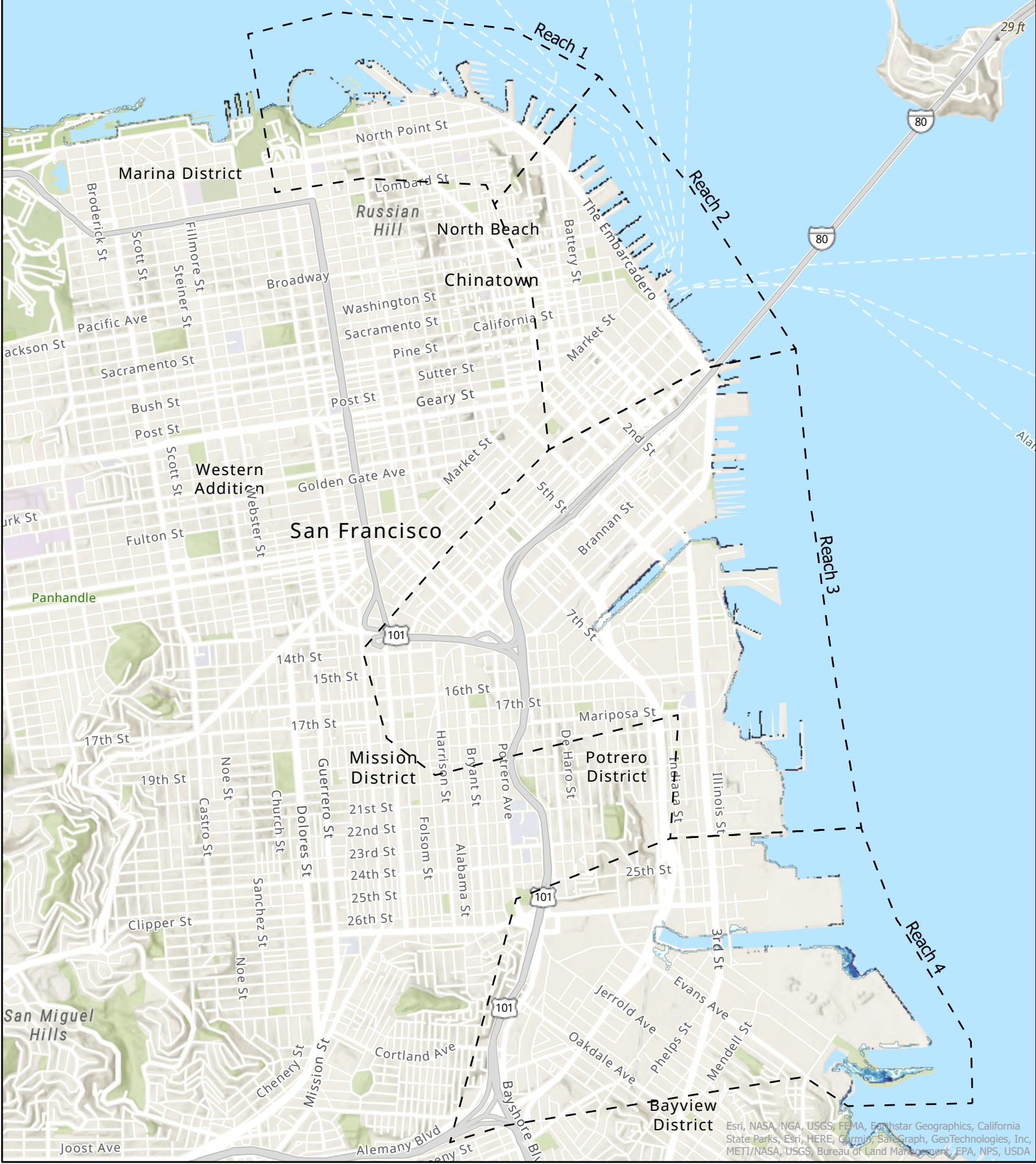
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 OPC 1:200 Curve  
 Time Horizon: 2040  
 Monthly  
 16.32 inches of SLC

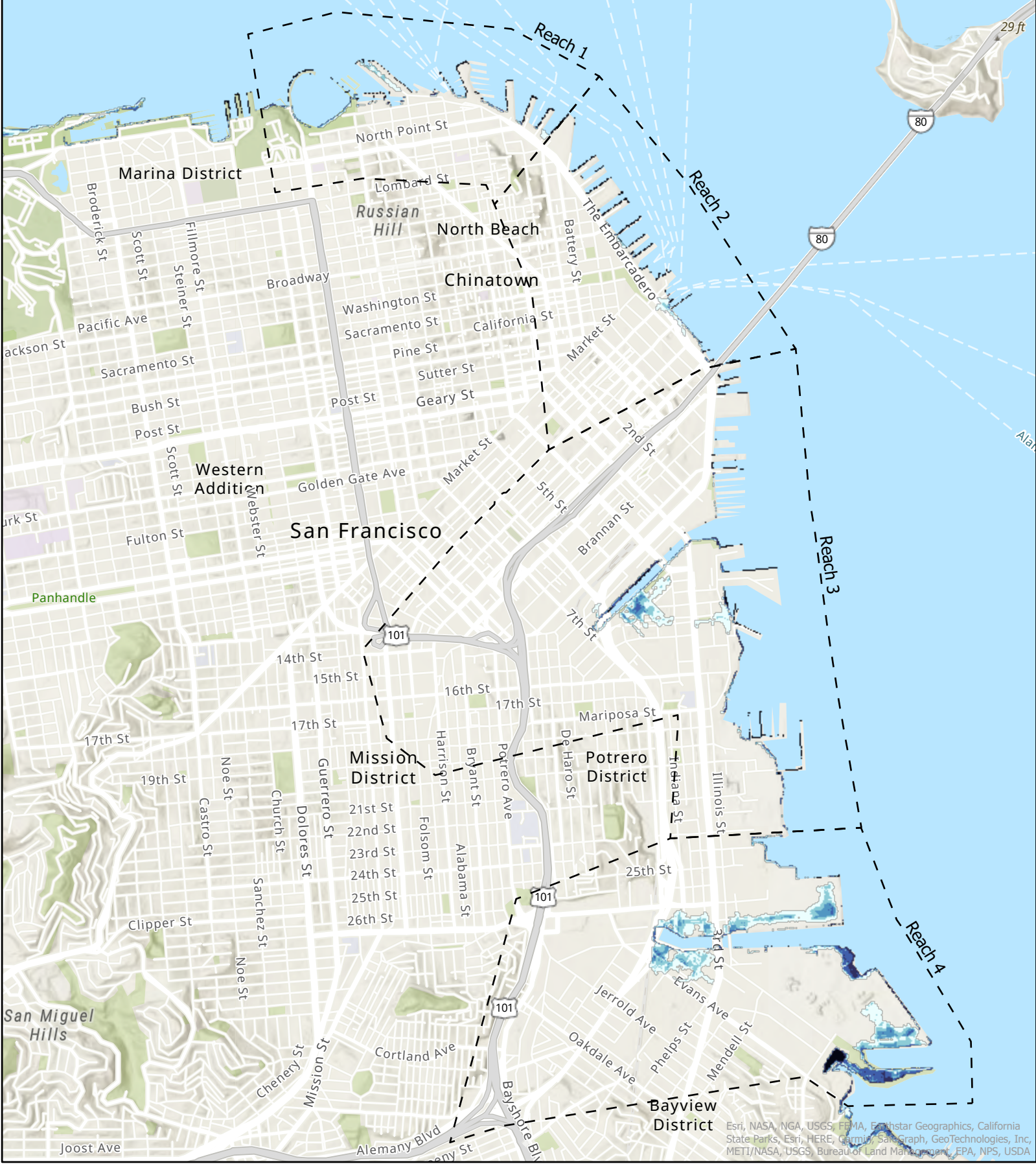
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







FWOP  
 OPC 1:200 Curve  
 Time Horizon: 2065  
 Monthly  
 39.21 inches of SLC

— Line of Defense  
 - - - USACE Reaches

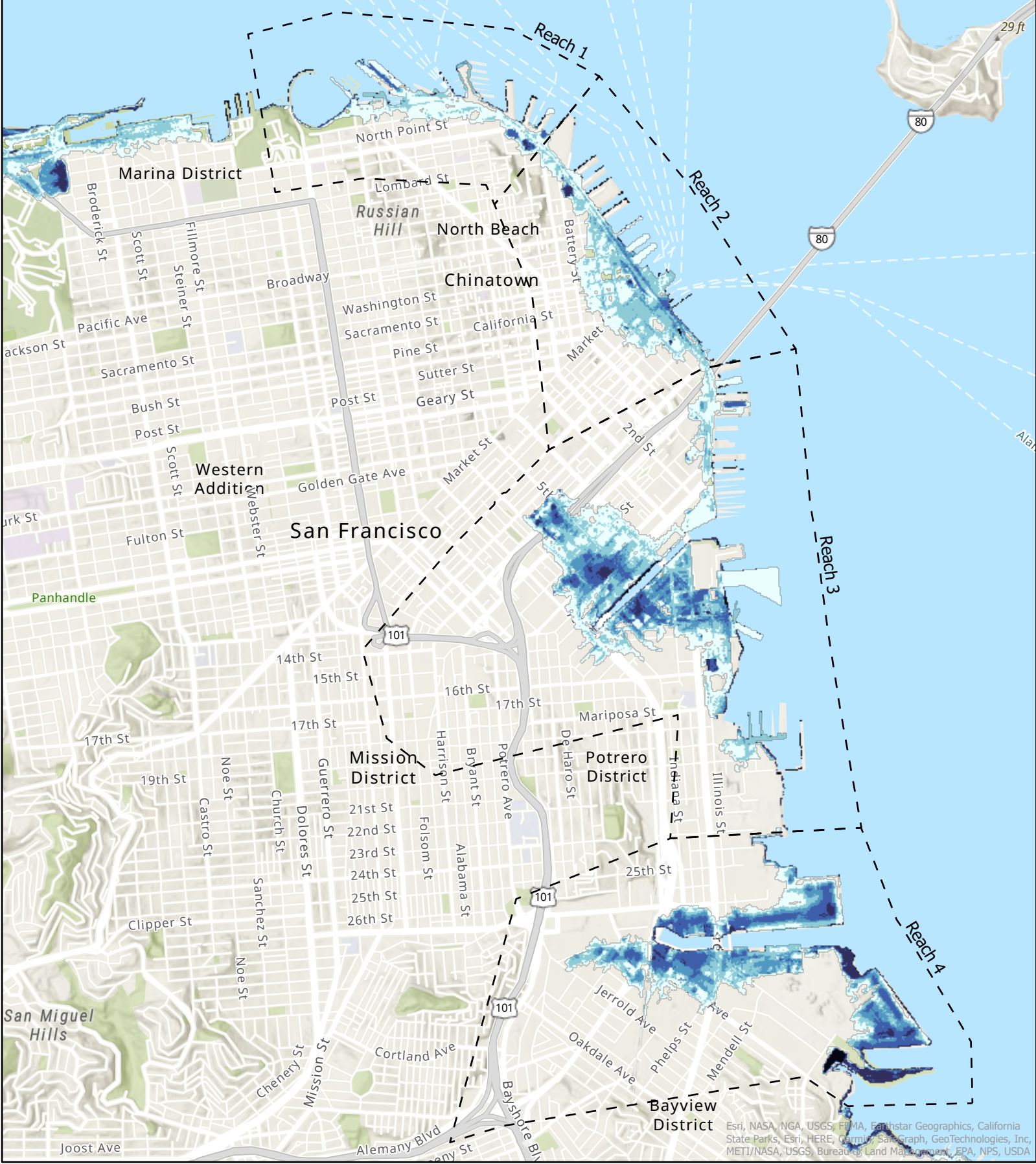
0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles  
 N



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA

FWOP  
 OPC 1:200 Curve  
 Time Horizon: 2090  
 Monthly  
 69.74 inches of SLC

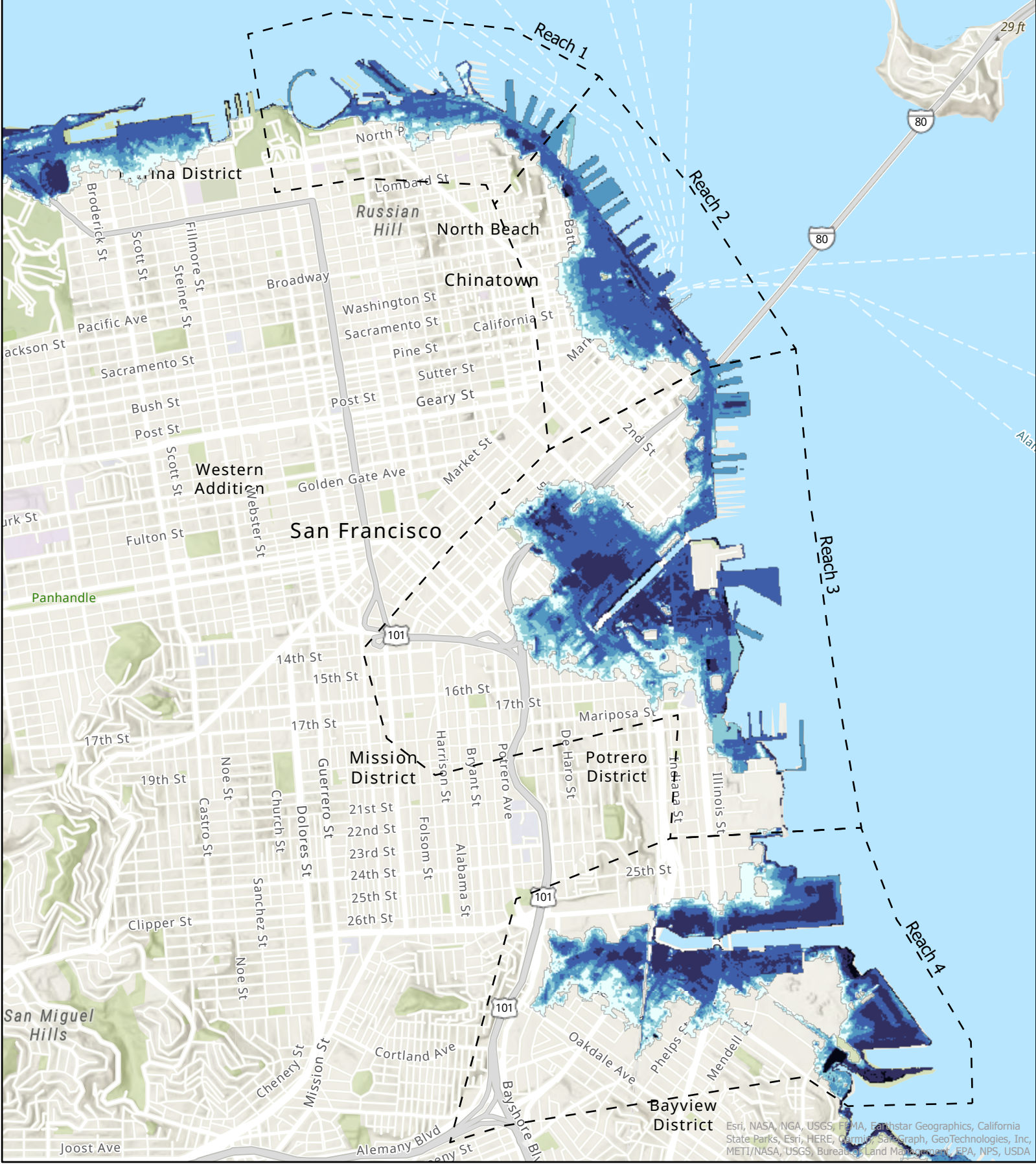
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles  
 N





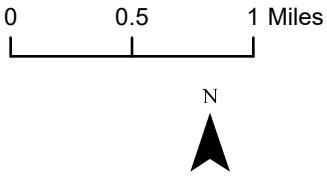


Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA

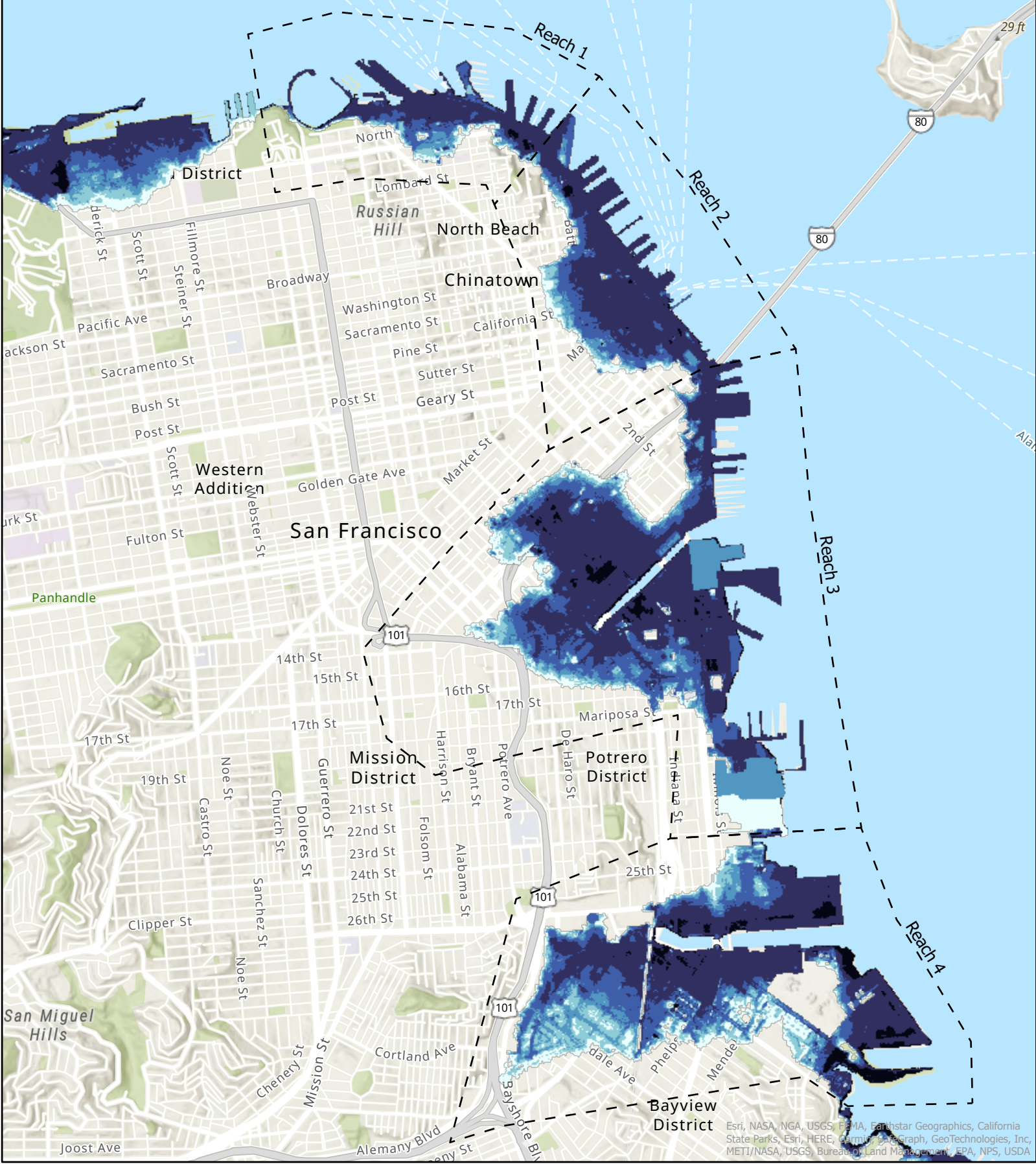
FWOP  
 OPC 1:200 Curve  
 Time Horizon: 2115  
 Monthly  
 103.04 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



FWOP  
 OPC 1:200 Curve  
 Time Horizon: 2140  
 Monthly  
 140.3 inches of SLC

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles





## **Future With Project (FWP)**

**Alternative Alignment Moves: 2040 Only**

# **Alternative C**



**1% AEP**



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE Low Curve  
 Time Horizon: 2040  
 1% AEP  
 3.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE Low Curve  
 Time Horizon: 2065  
 1% AEP  
 5.17 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative C  
 USACE Low Curve  
 Time Horizon: 2090  
 1% AEP  
 7.2 inches of SLC  
 Moves: 2040 only

— Line of Defense  
  USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE Low Curve  
 Time Horizon: 2115  
 1% AEP  
 9.13 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE Low Curve  
 Time Horizon: 2140  
 1% AEP  
 11.16 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE Intermediate Curve  
 Time Horizon: 2040  
 1% AEP  
 5.52 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative C  
 USACE Intermediate Curve  
 Time Horizon: 2065  
 1% AEP  
 10.75 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles

N





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE Intermediate Curve  
 Time Horizon: 2090  
 1% AEP  
 17.28 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative C  
 USACE Intermediate Curve  
 Time Horizon: 2115  
 1% AEP  
 25.15 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE Intermediate Curve  
 Time Horizon: 2140  
 1% AEP  
 34.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







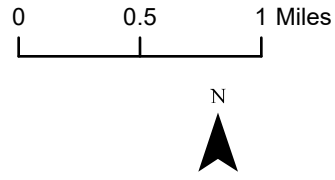
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE High Curve  
 Time Horizon: 2040  
 1% AEP  
 13.08 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE High Curve  
 Time Horizon: 2065  
 1% AEP  
 28.51 inches of SLC  
 Moves: 2040 only

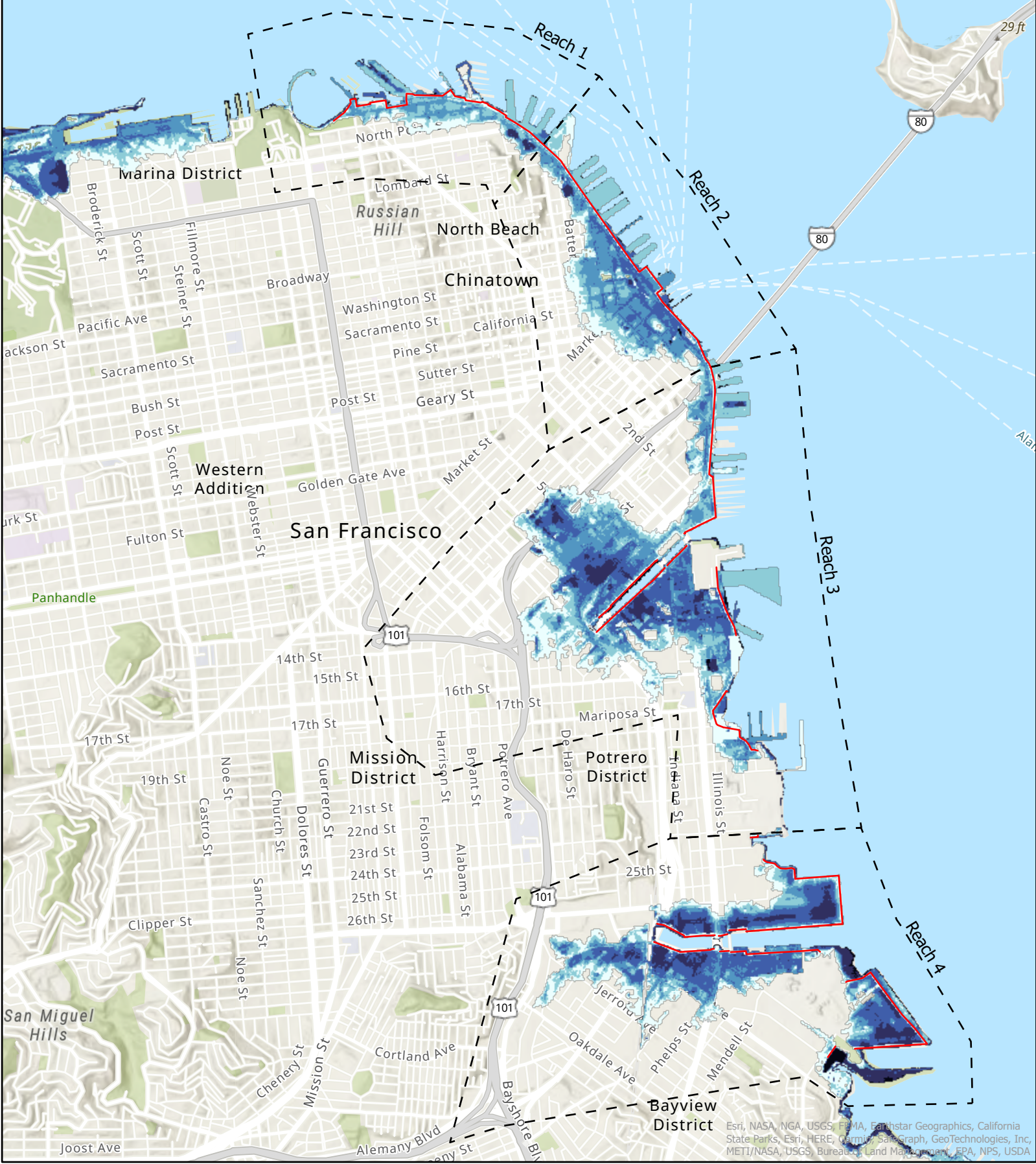
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE High Curve  
 Time Horizon: 2090  
 1% AEP  
 49.56 inches of SLC  
 Moves: 2040 only

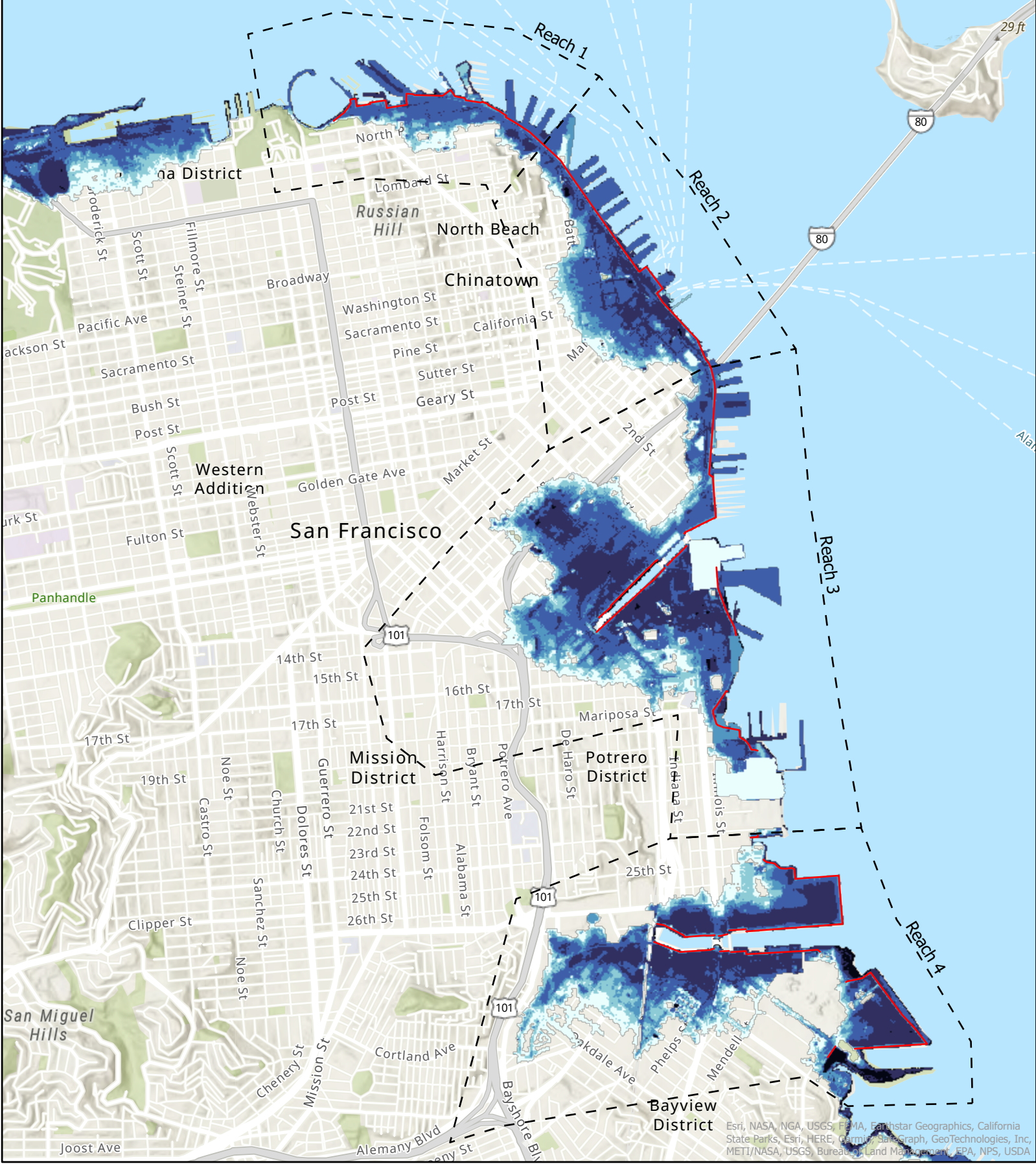
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE High Curve  
 Time Horizon: 2115  
 1% AEP  
 76.1 inches of SLC  
 Moves: 2040 only

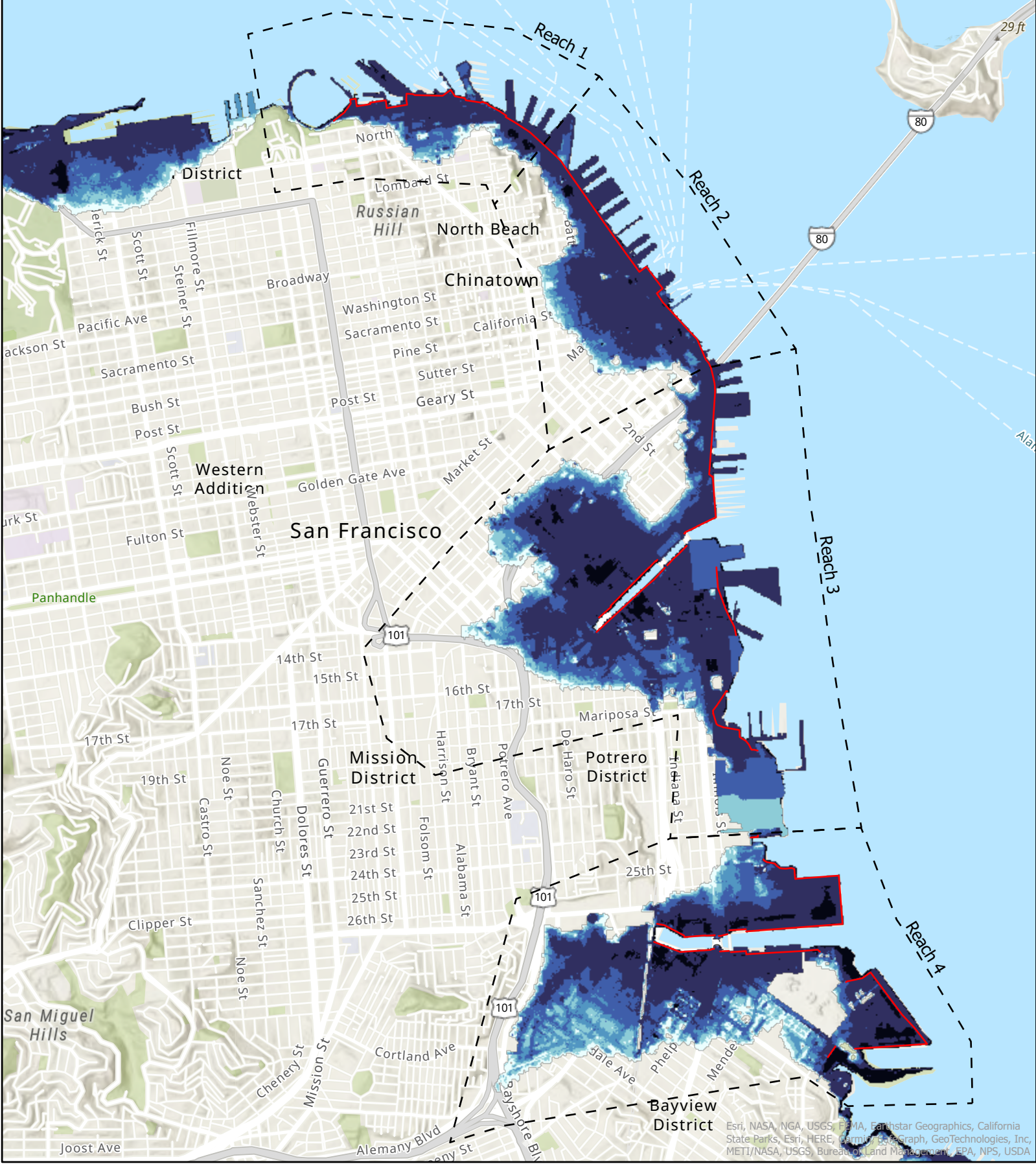
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, DeLorme, GeoGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE High Curve  
 Time Horizon: 2140  
 1% AEP  
 108.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC Likely Curve  
 Time Horizon: 2040  
 1% AEP  
 9.6 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC Likely Curve  
 Time Horizon: 2065  
 1% AEP  
 21.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC Likely Curve  
 Time Horizon: 2090  
 1% AEP  
 35.18 inches of SLC  
 Moves: 2040 only

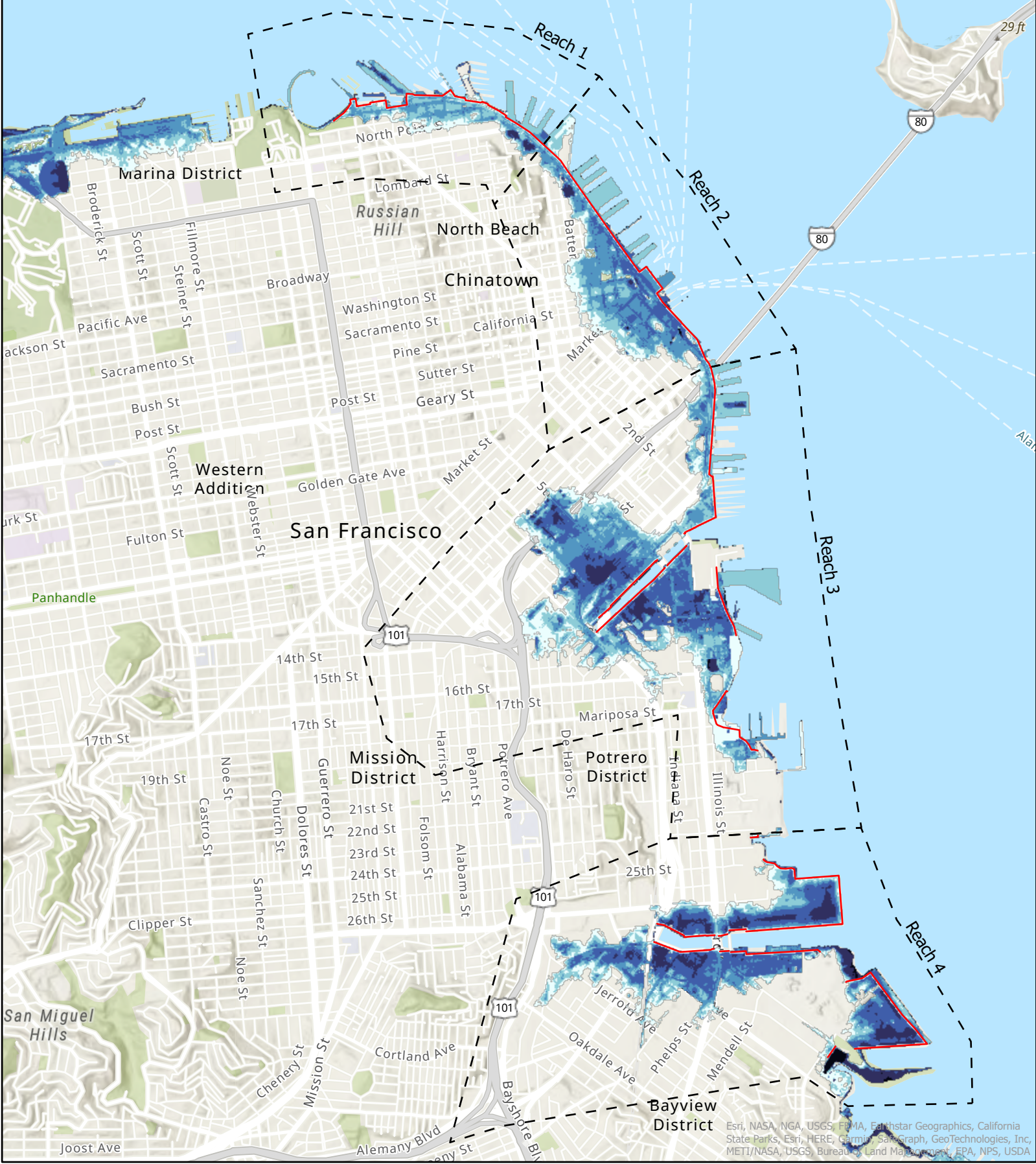
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC Likely Curve  
 Time Horizon: 2115  
 1% AEP  
 49.3 inches of SLC  
 Moves: 2040 only

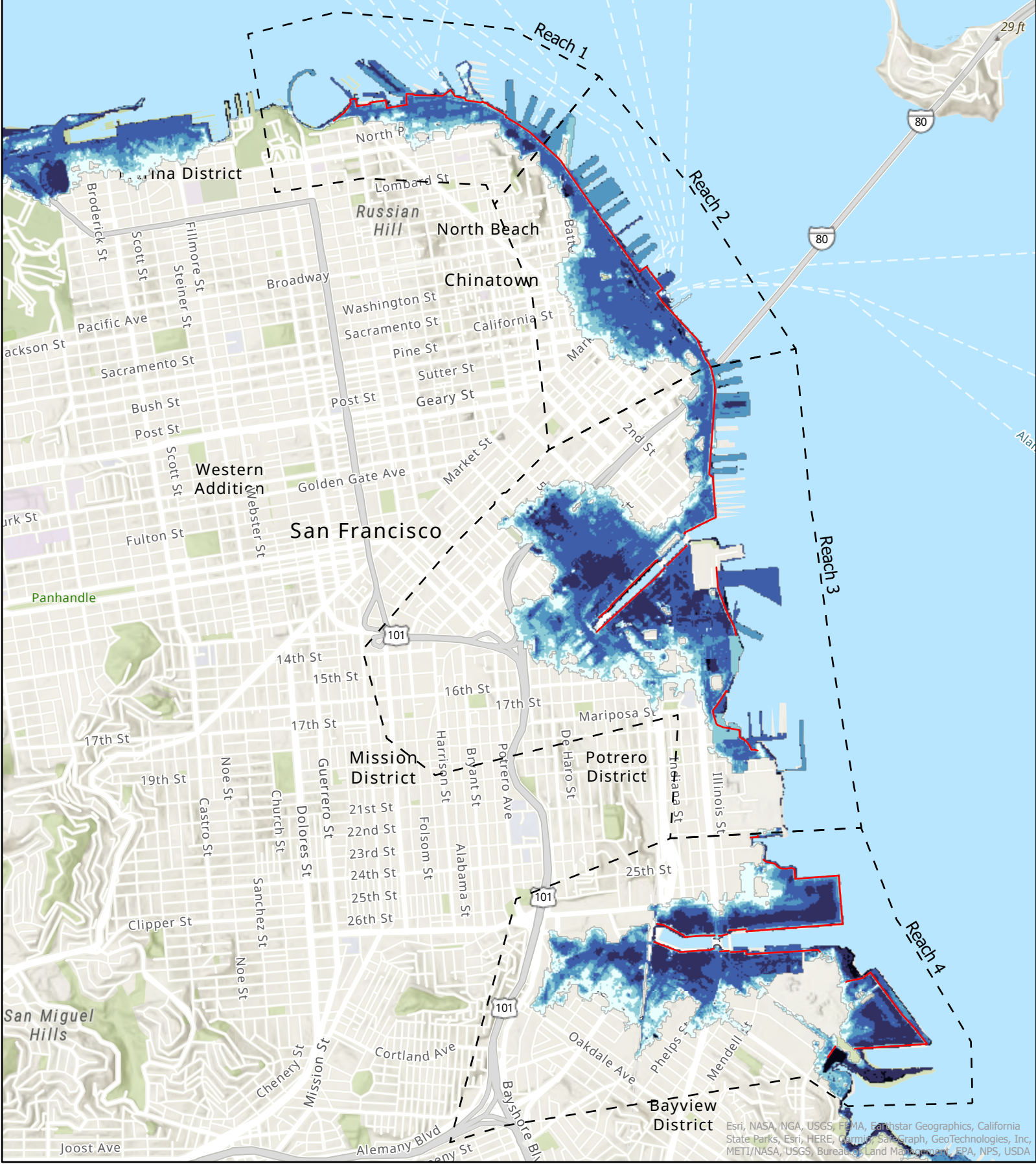
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC Likely Curve  
 Time Horizon: 2140  
 1% AEP  
 63.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC 1:200 Curve  
 Time Horizon: 2040  
 1% AEP  
 16.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

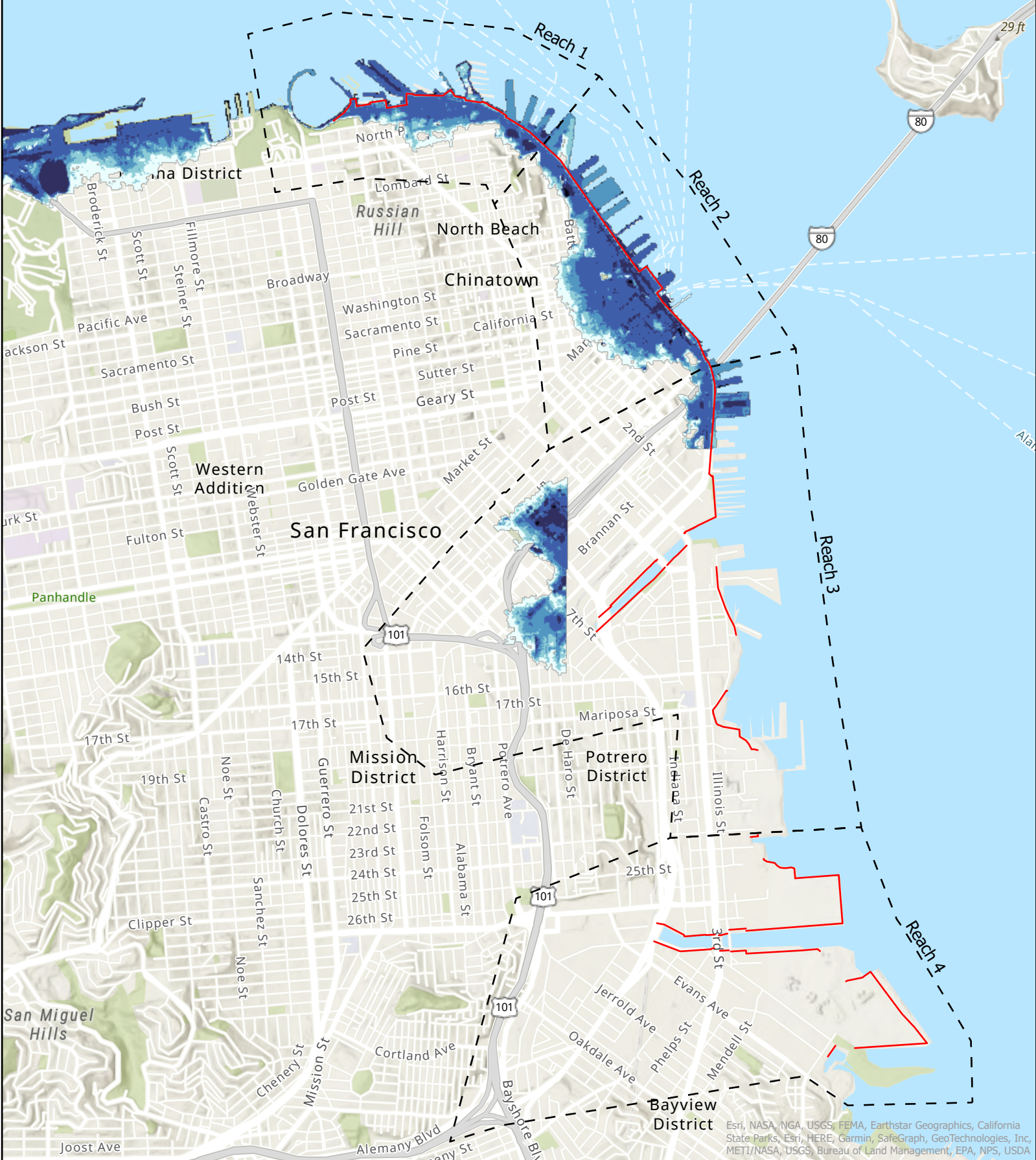
0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft











Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



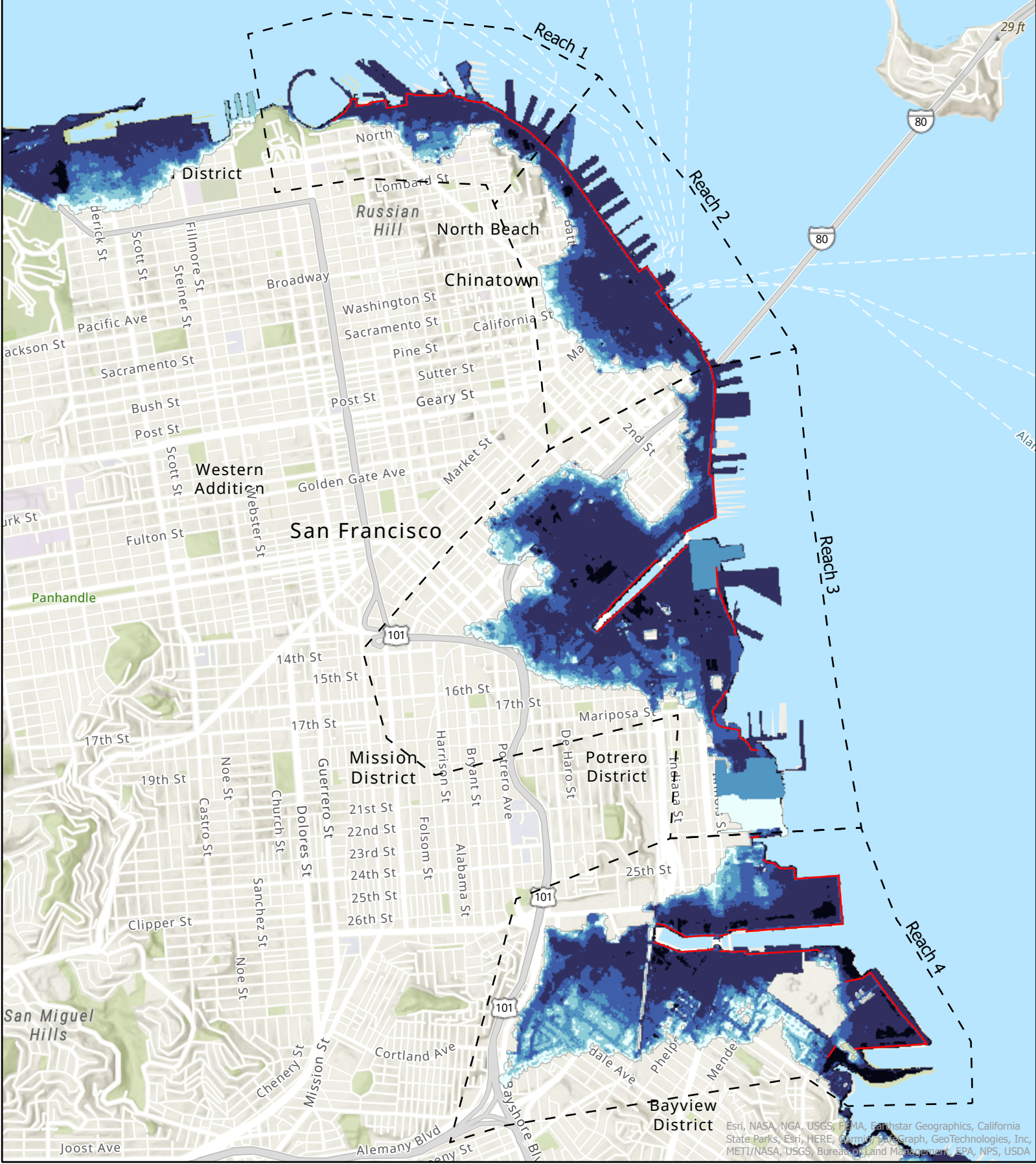
Alternative C  
 OPC 1:200 Curve  
 Time Horizon: 2090  
 1% AEP  
 69.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, DeLorme, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC 1:200 Curve  
 Time Horizon: 2115  
 1% AEP  
 103.04 inches of SLC  
 Moves: 2040 only

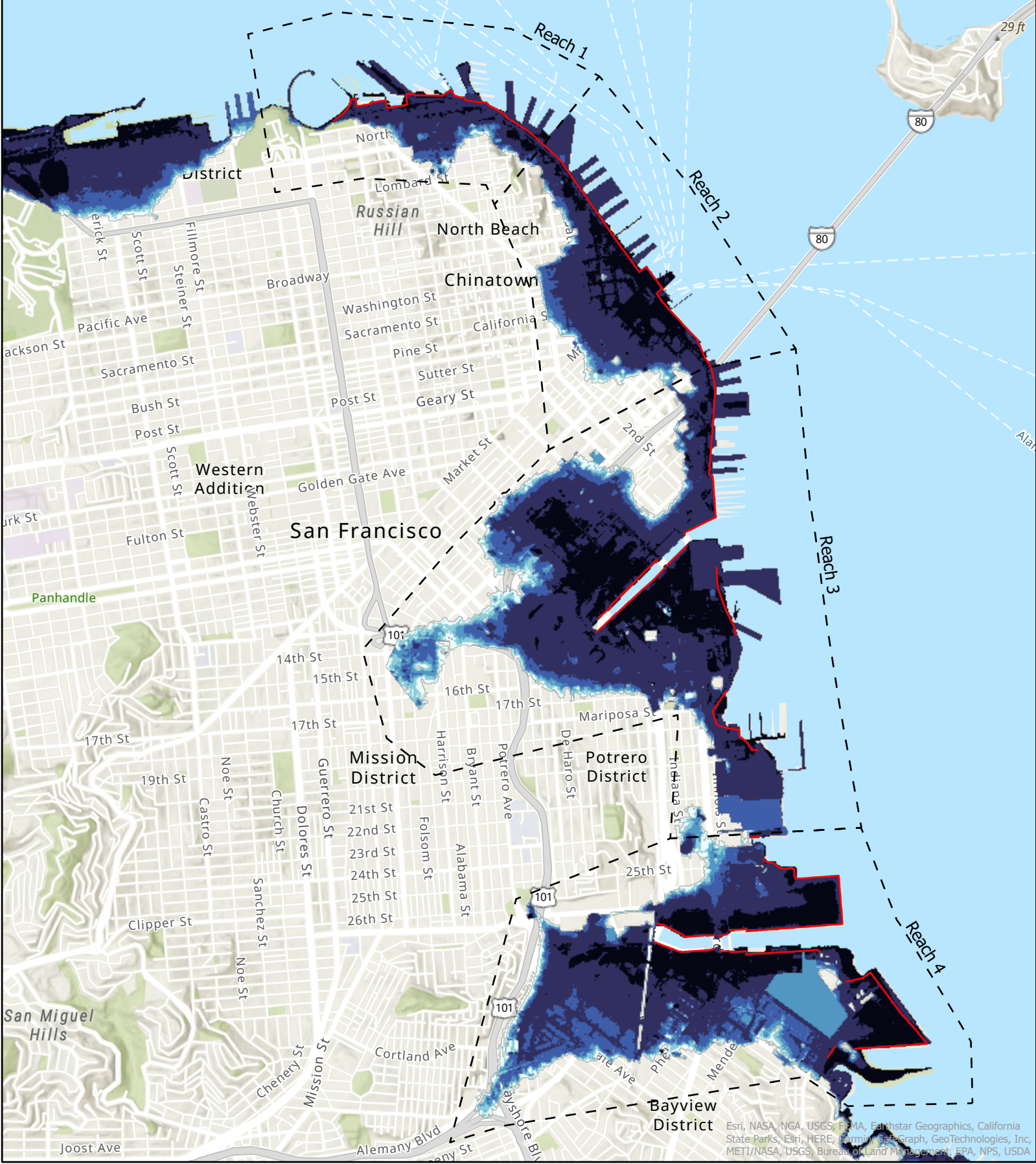
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC 1:200 Curve  
 Time Horizon: 2140  
 1% AEP  
 140.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles





**Monthly**



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE Low Curve  
 Time Horizon: 2040  
 Monthly  
 3.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative C  
 USACE Low Curve  
 Time Horizon: 2065  
 Monthly  
 5.17 inches of SLC  
 Moves: 2040 only

— Line of Defense  
  USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE Low Curve  
 Time Horizon: 2090  
 Monthly  
 7.2 inches of SLR  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE Low Curve  
 Time Horizon: 2115  
 Monthly  
 9.13 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative C  
 USACE Low Curve  
 Time Horizon: 2140  
 Monthly  
 11.16 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA







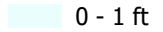
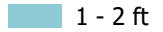
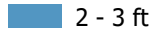
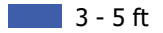
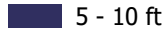
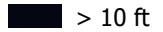
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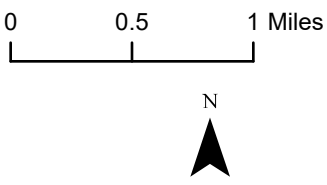




Alternative C  
 USACE Intermediate Curve  
 Time Horizon: 2065  
 Monthly  
 10.75 inches of SLC  
 Moves: 2040 only

 Line of Defense  
 USACE Reaches

 0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Alternative C  
 USACE Intermediate Curve  
 Time Horizon: 2090  
 Monthly  
 17.28 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE Intermediate Curve  
 Time Horizon: 2115  
 Monthly  
 25.15 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



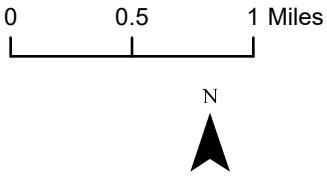




Alternative C  
 USACE Intermediate Curve  
 Time Horizon: 2140  
 Monthly  
 34.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
  USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Alternative C  
 USACE High Curve  
 Time Horizon: 2040  
 Monthly  
 13.08 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative C  
 USACE High Curve  
 Time Horizon: 2065  
 Monthly  
 28.51 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Alternative C  
 USACE High Curve  
 Time Horizon: 2090  
 Monthly  
 49.56 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE High Curve  
 Time Horizon: 2115  
 Monthly  
 76.1 inches of SLC  
 Moves: 2040 only

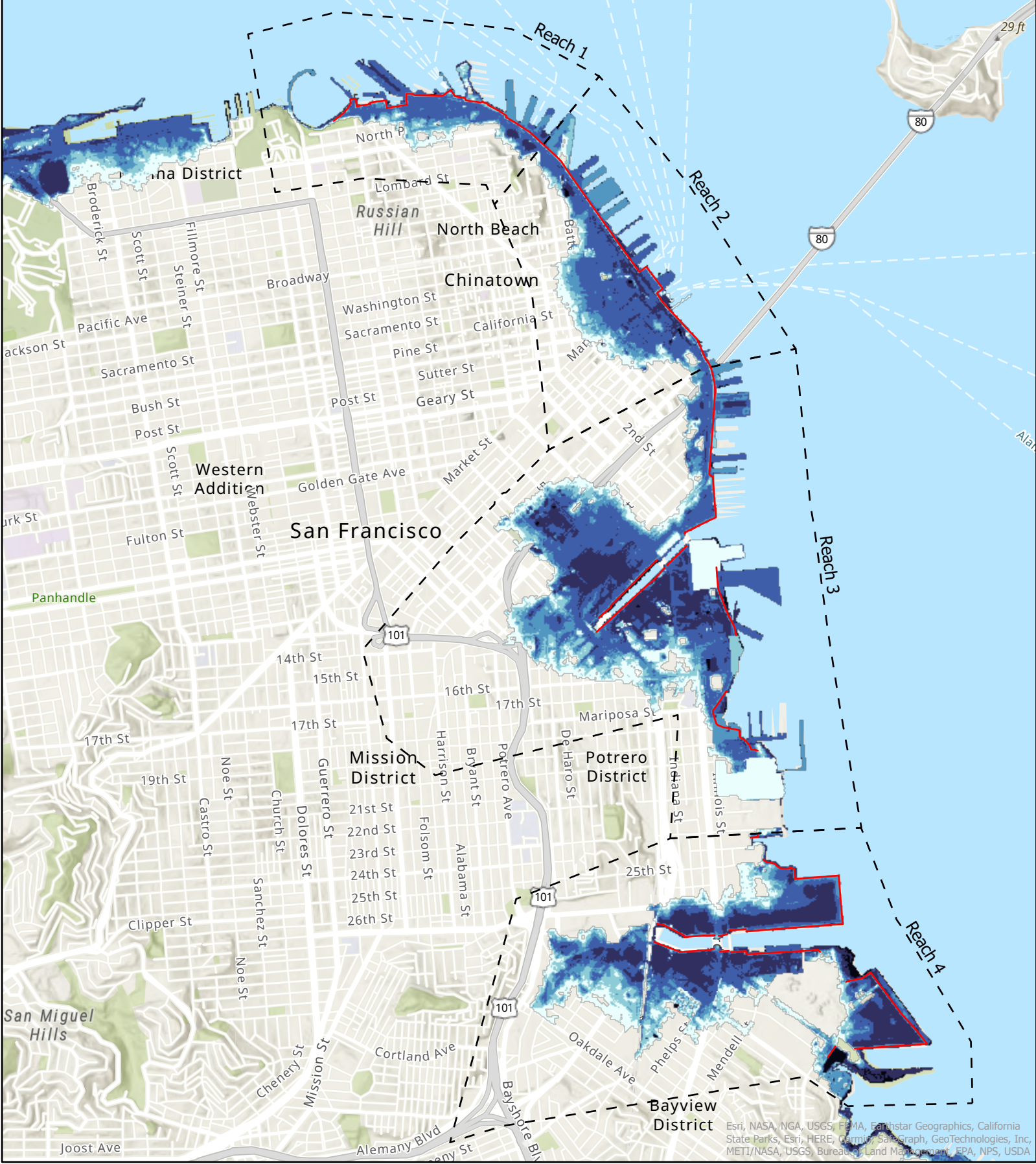
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 USACE High Curve  
 Time Horizon: 2140  
 Monthly  
 108.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC Likely Curve  
 Time Horizon: 2040  
 Monthly  
 9.6 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC Likely Curve  
 Time Horizon: 2065  
 Monthly  
 21.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC Likely Curve  
 Time Horizon: 2090  
 Monthly  
 35.18 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC Likely Curve  
 Time Horizon: 2115  
 Monthly  
 49.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC Likely Curve  
 Time Horizon: 2140  
 Monthly  
 63.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







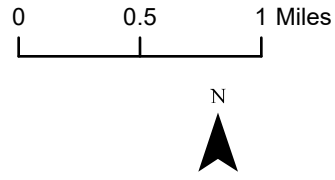
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Alternative C  
 OPC 1:200 Curve  
 Time Horizon: 2040  
 Monthly  
 16.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







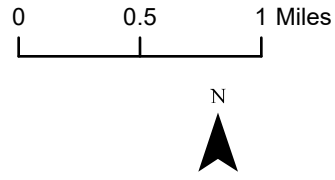
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Alternative C  
 OPC 1:200 Curve  
 Time Horizon: 2065  
 Monthly  
 39.21 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Alternative C  
 OPC 1:200 Curve  
 Time Horizon: 2090  
 Monthly  
 69.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 USACE Reaches

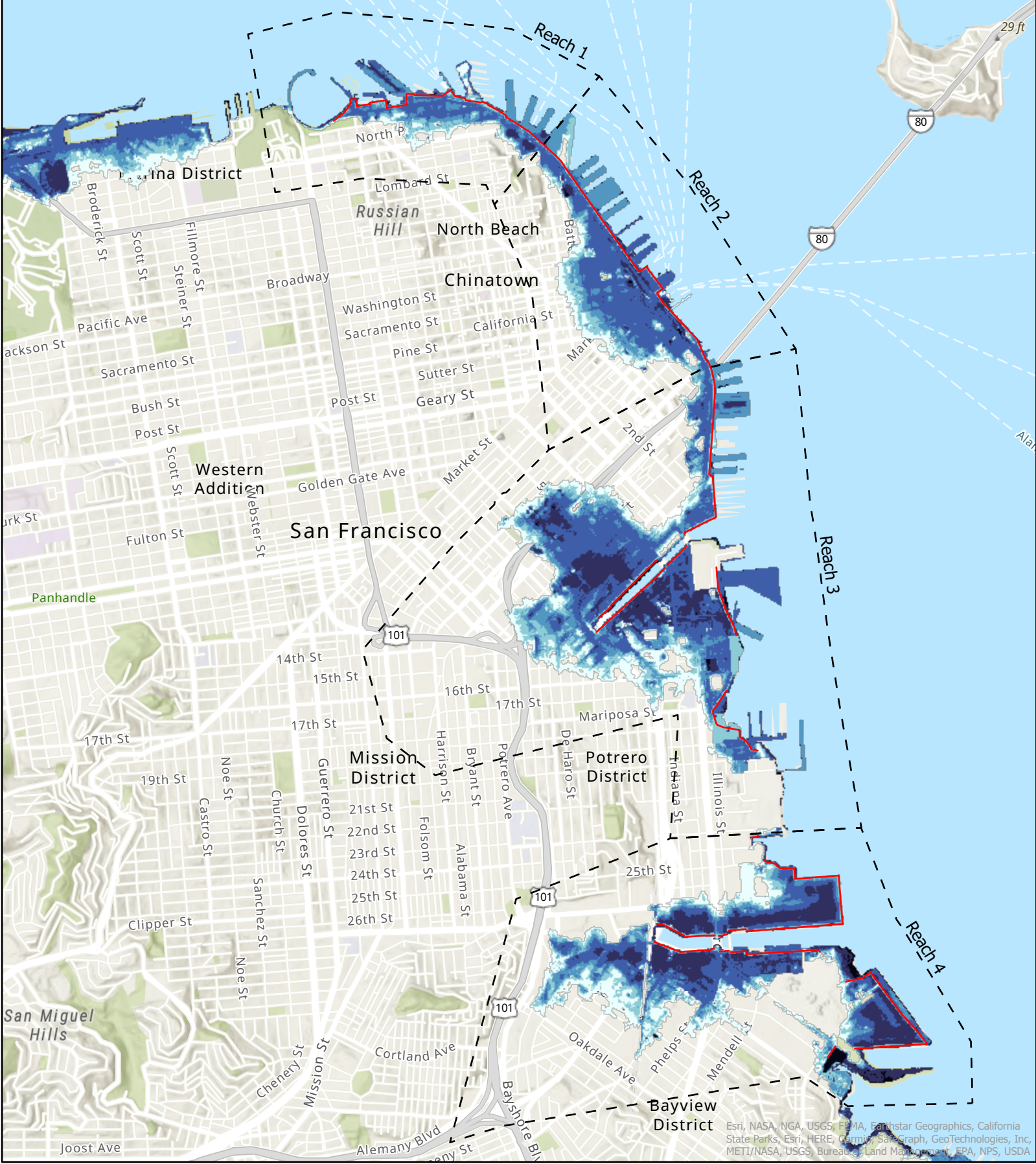
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 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC 1:200 Curve  
 Time Horizon: 2115  
 Monthly  
 103.04 inches of SLC  
 Moves: 2040 only

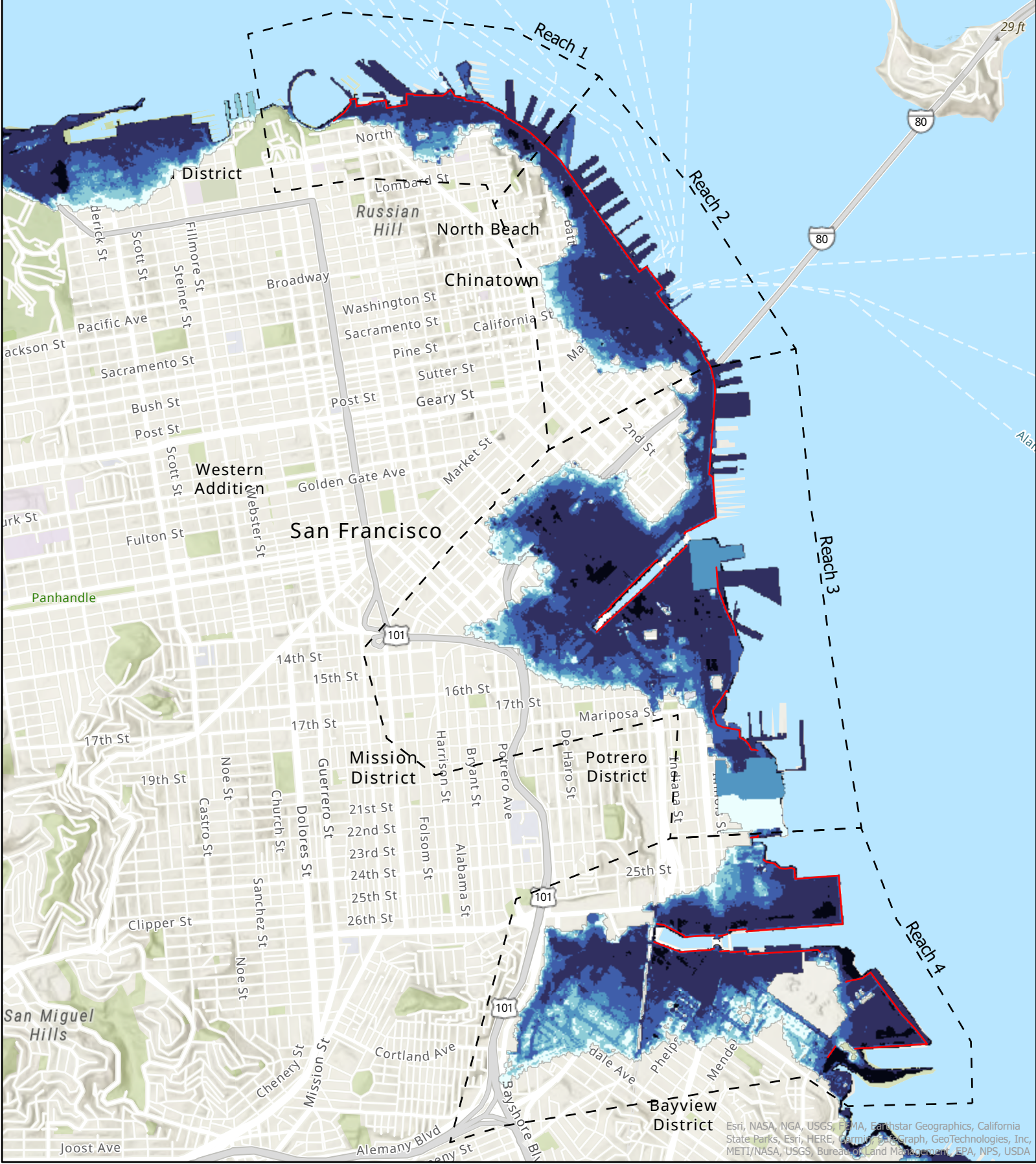
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative C  
 OPC 1:200 Curve  
 Time Horizon: 2140  
 Monthly  
 140.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles





# **Alternative D**

**1% AEP**





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Low Curve  
 Time Horizon: 2040  
 1% AEP  
 3.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Low Curve  
 Time Horizon: 2065  
 1% AEP  
 5.17 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Low Curve  
 Time Horizon: 2090  
 1% AEP  
 7.2 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Low Curve  
 Time Horizon: 2115  
 1% AEP  
 9.13 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Low Curve  
 Time Horizon: 2140  
 1% AEP  
 11.16 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles









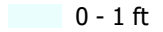
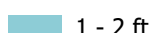
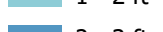
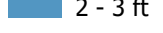
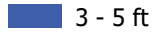
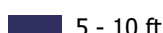
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA

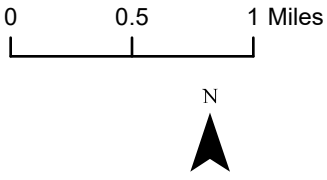




Alternative D  
 USACE Intermediate Curve  
 Time Horizon: 2065  
 1% AEP  
 10.75 inches of SLC  
 Moves: 2040 only

 Line of Defense  
 USACE Reaches

 0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Alternative D  
 USACE Intermediate Curve  
 Time Horizon: 2090  
 1% AEP  
 17.28 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Intermediate Curve  
 Time Horizon: 2115  
 1% AEP  
 25.15 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







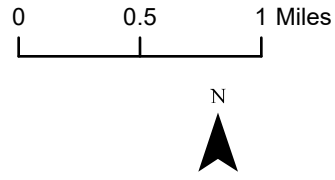
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Intermediate Curve  
 Time Horizon: 2140  
 1% AEP  
 34.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE High Curve  
 Time Horizon: 2040  
 1% AEP  
 13.08 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE High Curve  
 Time Horizon: 2065  
 1% AEP  
 28.51 inches of SLC  
 Moves: 2040 only

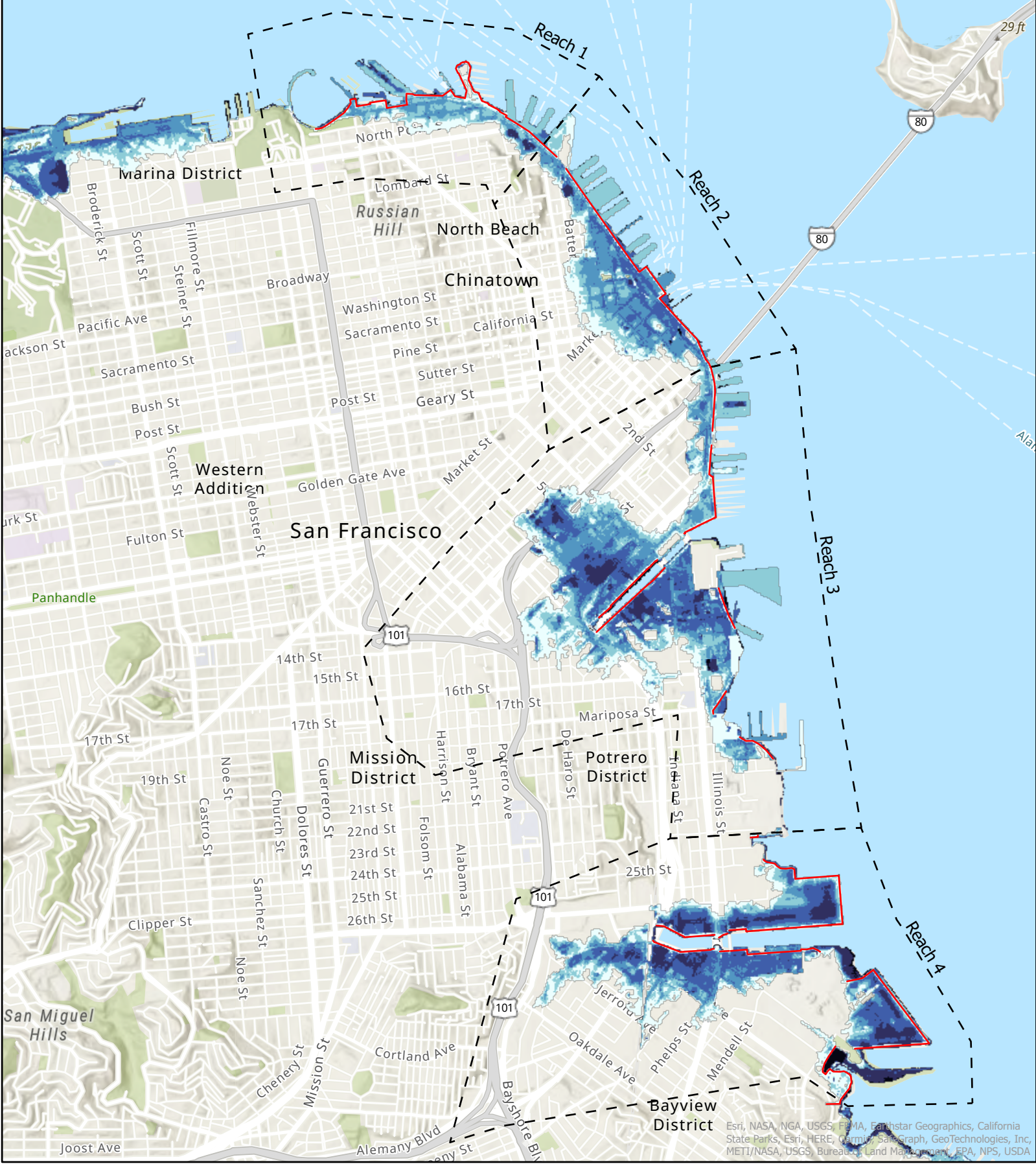
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative D  
 USACE High Curve  
 Time Horizon: 2090  
 1% AEP  
 49.56 inches of SLC  
 Moves: 2040 only

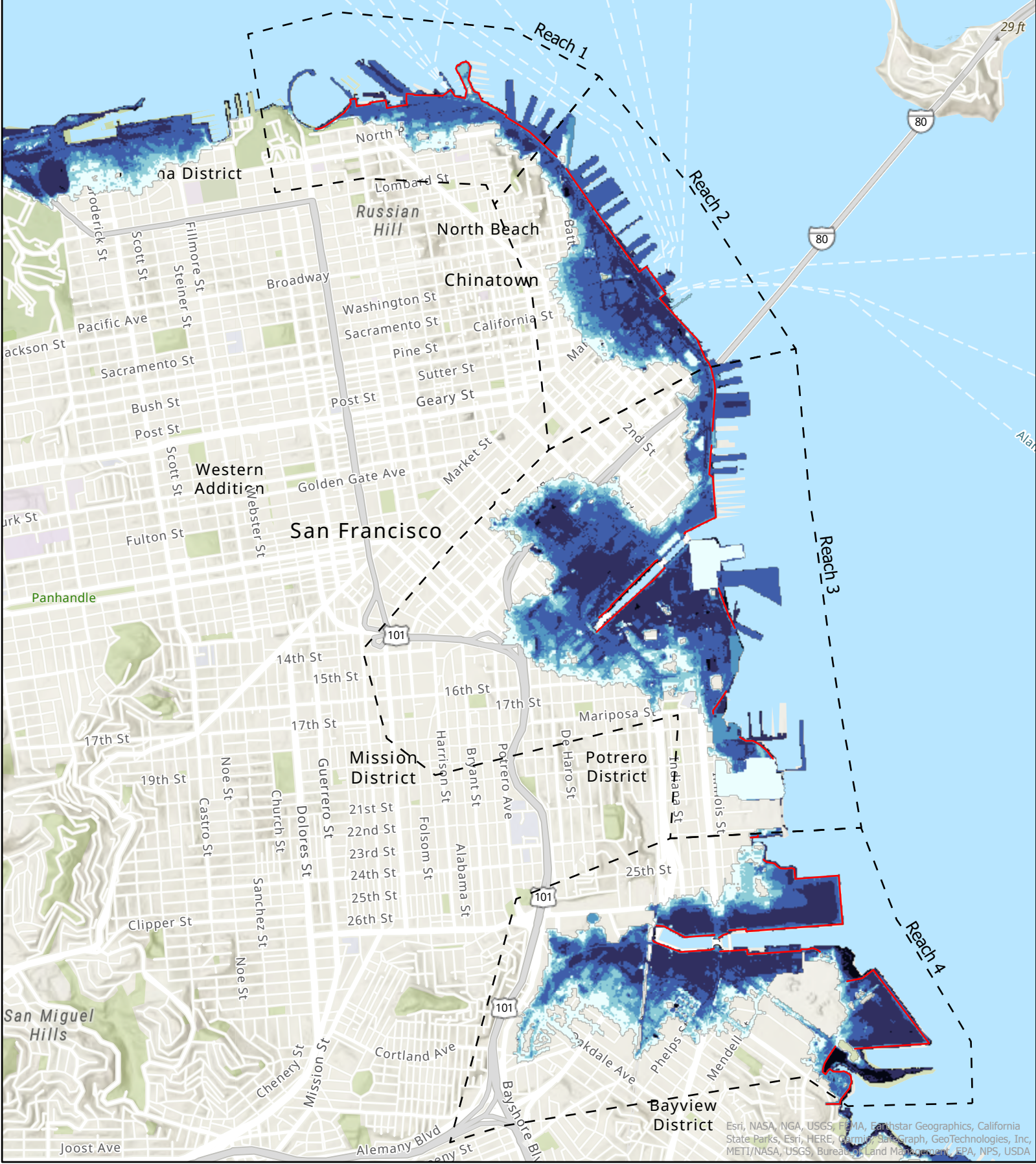
— Line of Defense  
  USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE High Curve  
 Time Horizon: 2115  
 1% AEP  
 76.1 inches of SLC  
 Moves: 2040 only

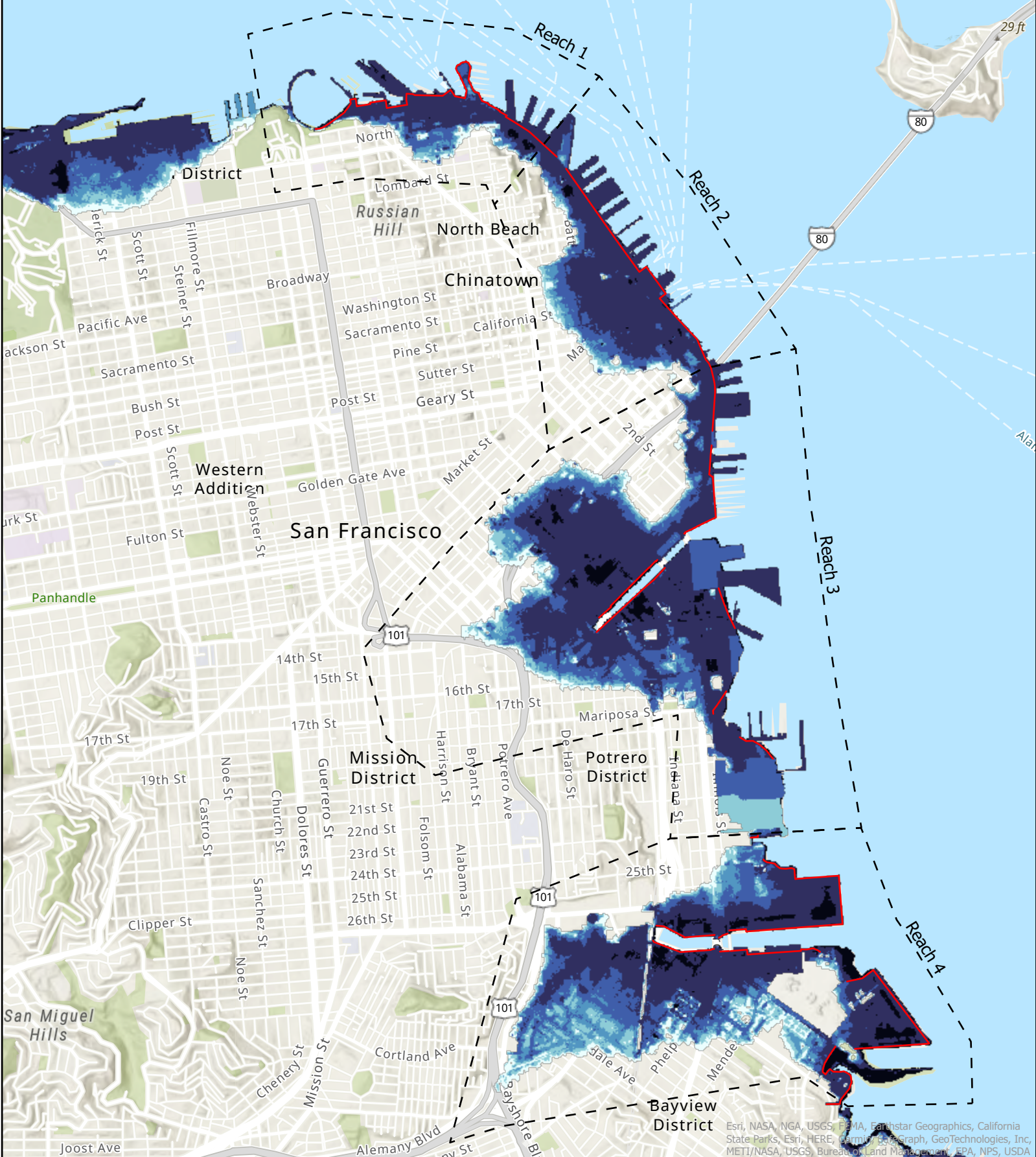
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Bing, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE High Curve  
 Time Horizon: 2140  
 1% AEP  
 108.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC Likely Curve  
 Time Horizon: 2040  
 1% AEP  
 9.6 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC Likely Curve  
 Time Horizon: 2065  
 1% AEP  
 21.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC Likely Curve  
 Time Horizon: 2090  
 1% AEP  
 35.18 inches of SLC  
 Moves: 2040 only

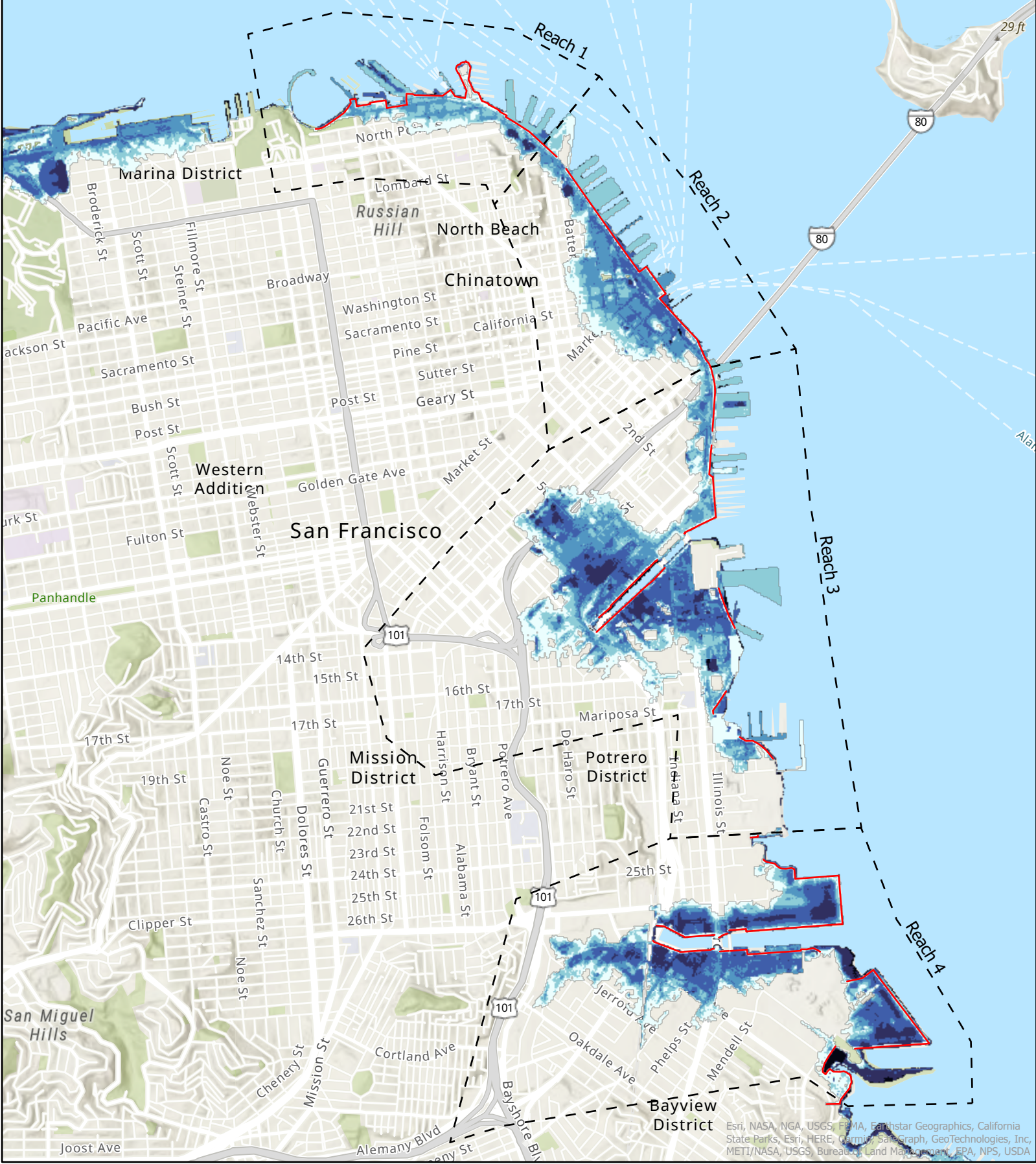
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC Likely Curve  
 Time Horizon: 2115  
 1% AEP  
 49.3 inches of SLC  
 Moves: 2040 only

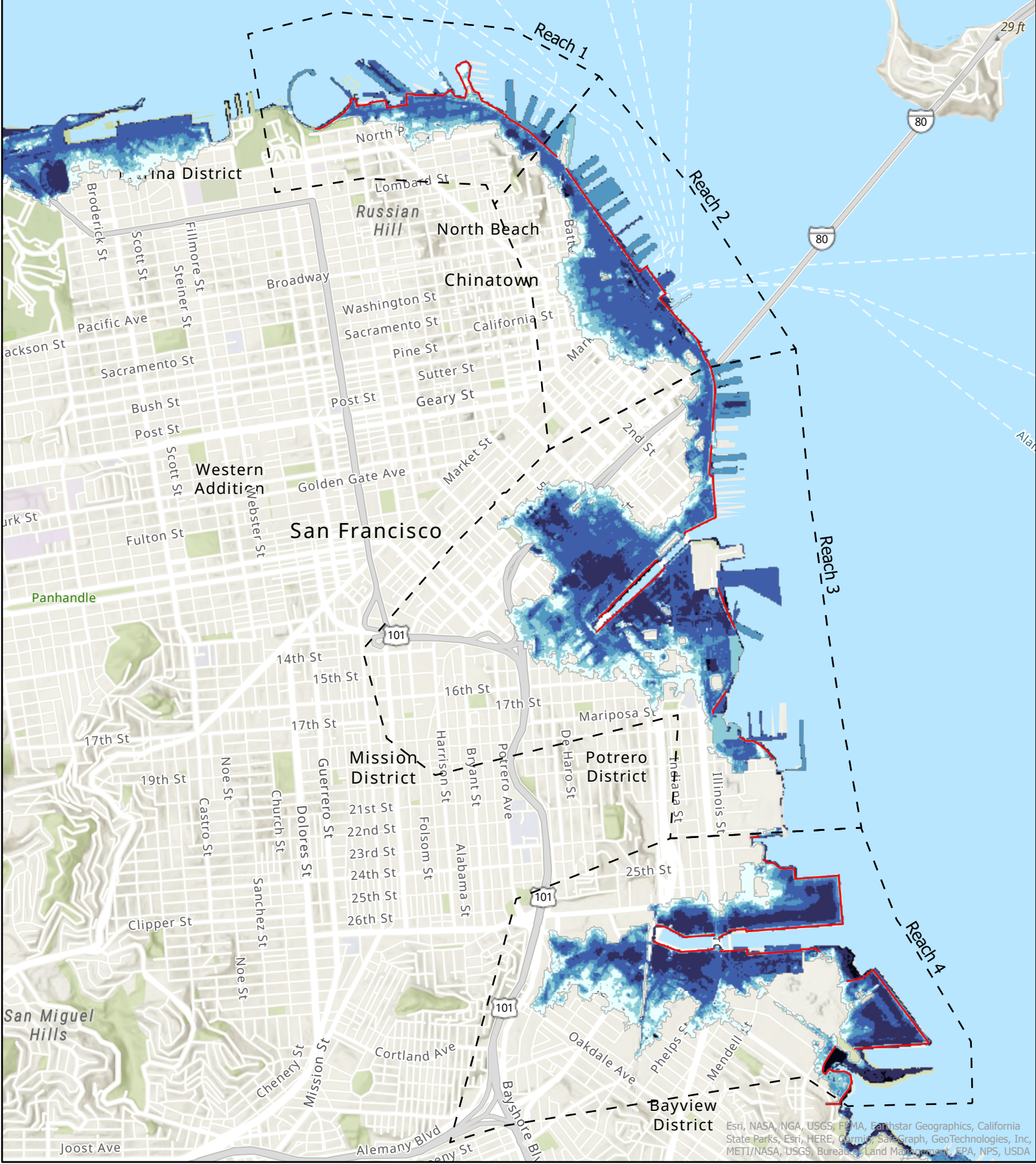
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC Likely Curve  
 Time Horizon: 2140  
 1% AEP  
 63.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







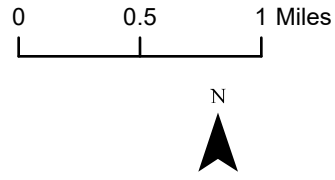
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Alternative D  
 OPC 1:200 Curve  
 Time Horizon: 2040  
 1% AEP  
 16.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







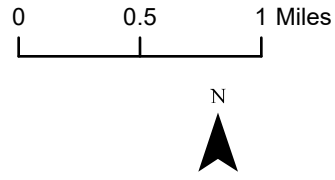
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



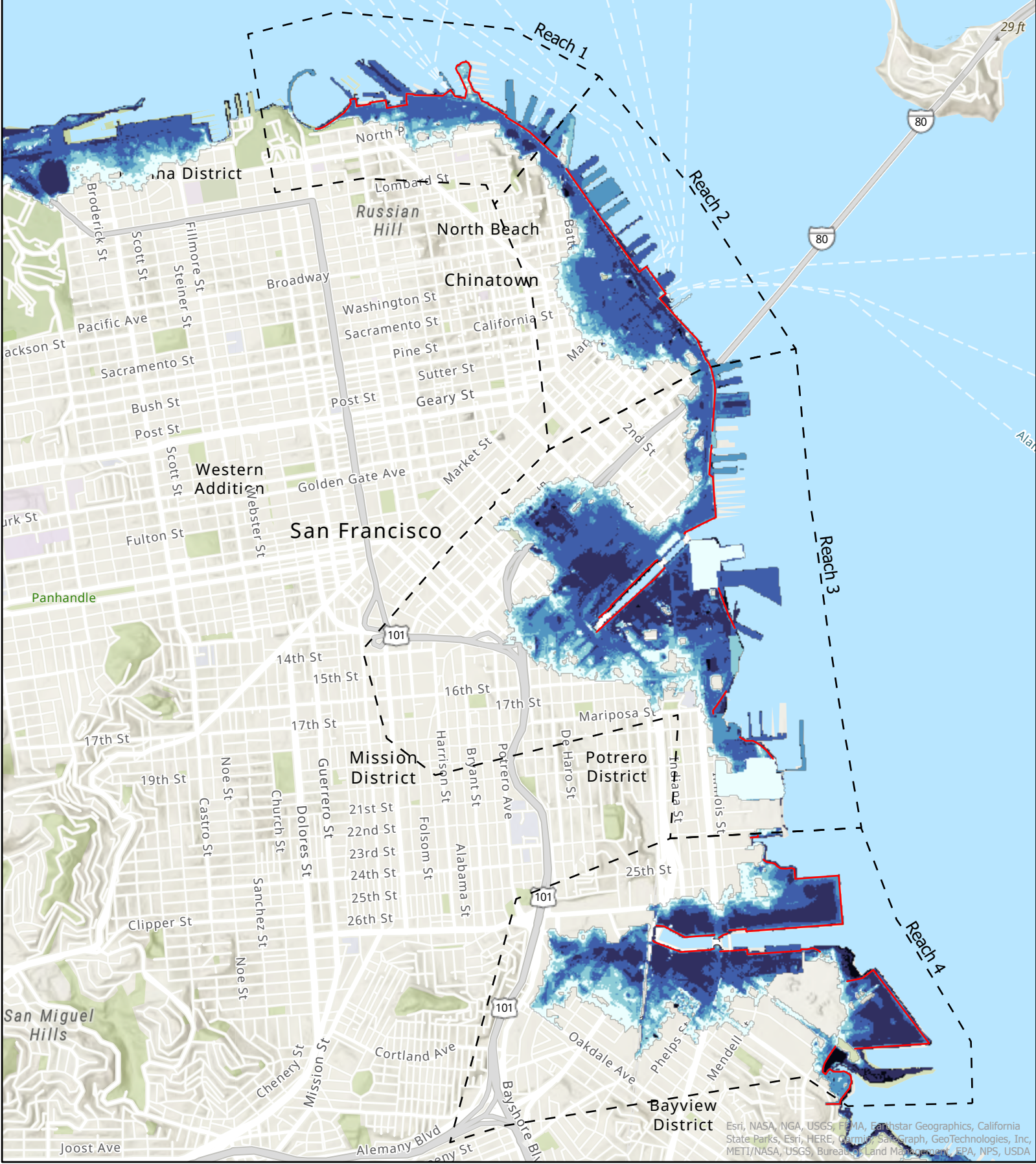
Alternative D  
 OPC 1:200 Curve  
 Time Horizon: 2065  
 1% AEP  
 39.21 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







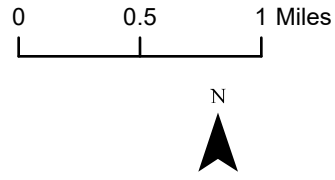
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



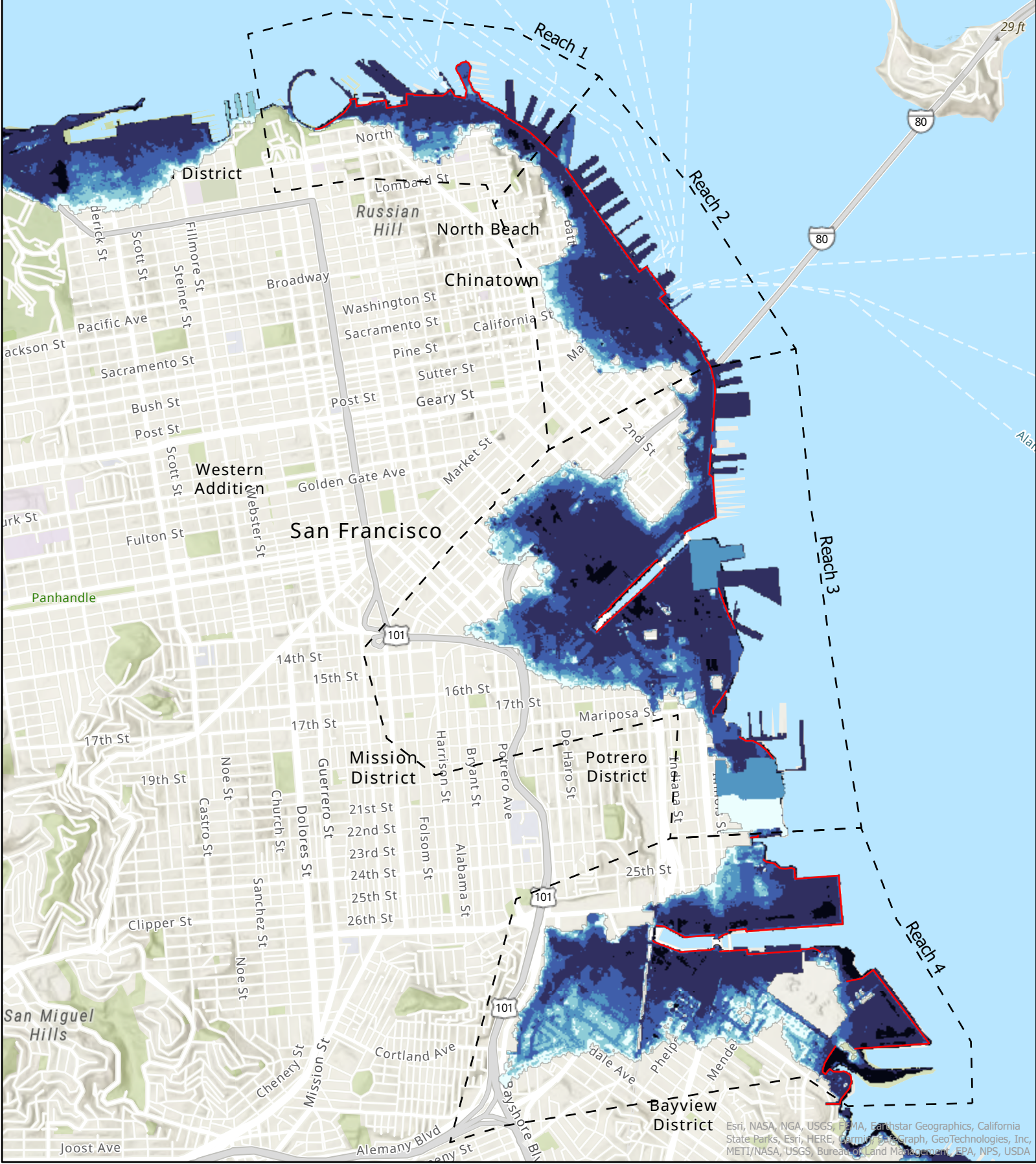
Alternative D  
 OPC 1:200 Curve  
 Time Horizon: 2090  
 1% AEP  
 69.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, DeLorme, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC 1:200 Curve  
 Time Horizon: 2115  
 1% AEP  
 103.04 inches of SLC  
 Moves: 2040 only

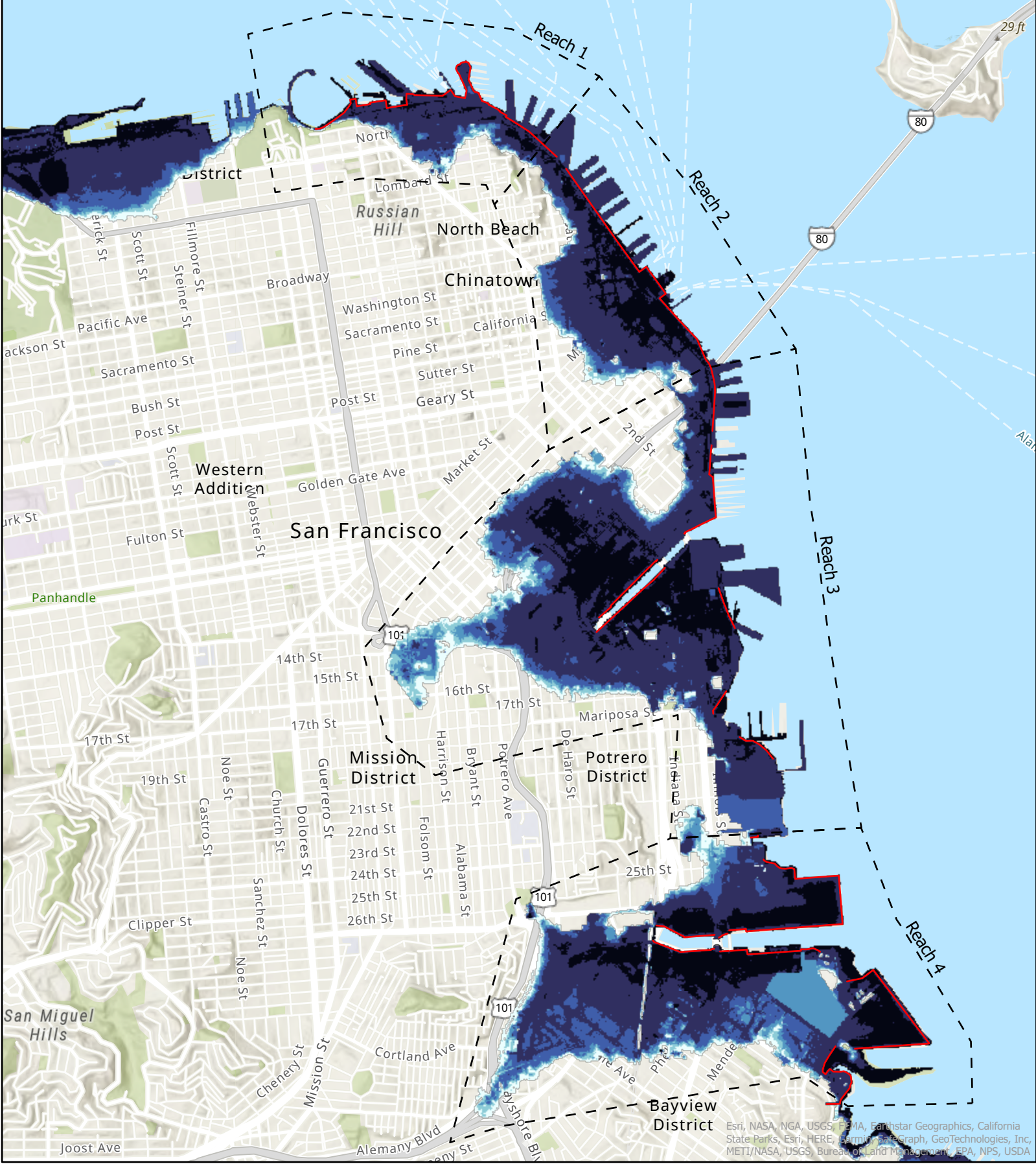
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, DeLorme, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC 1:200 Curve  
 Time Horizon: 2140  
 1% AEP  
 140.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



**Monthly**





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Low Curve  
 Time Horizon: 2040  
 Monthly  
 3.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Low Curve  
 Time Horizon: 2065  
 Monthly  
 5.17 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative D  
 USACE Low Curve  
 Time Horizon: 2090  
 Monthly  
 7.2 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Low Curve  
 Time Horizon: 2115  
 Monthly  
 9.13 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Low Curve  
 Time Horizon: 2140  
 Monthly  
 11.16 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Intermediate Curve  
 Time Horizon: 2040  
 Monthly  
 5.52 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Alternative D  
 USACE Intermediate Curve  
 Time Horizon: 2090  
 Monthly  
 17.28 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Intermediate Curve  
 Time Horizon: 2115  
 Monthly  
 25.15 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE Intermediate Curve  
 Time Horizon: 2140  
 Monthly  
 34.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE High Curve  
 Time Horizon: 2040  
 Monthly  
 13.08 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE High Curve  
 Time Horizon: 2090  
 Monthly  
 49.56 inches of SLC  
 Moves: 2040 only

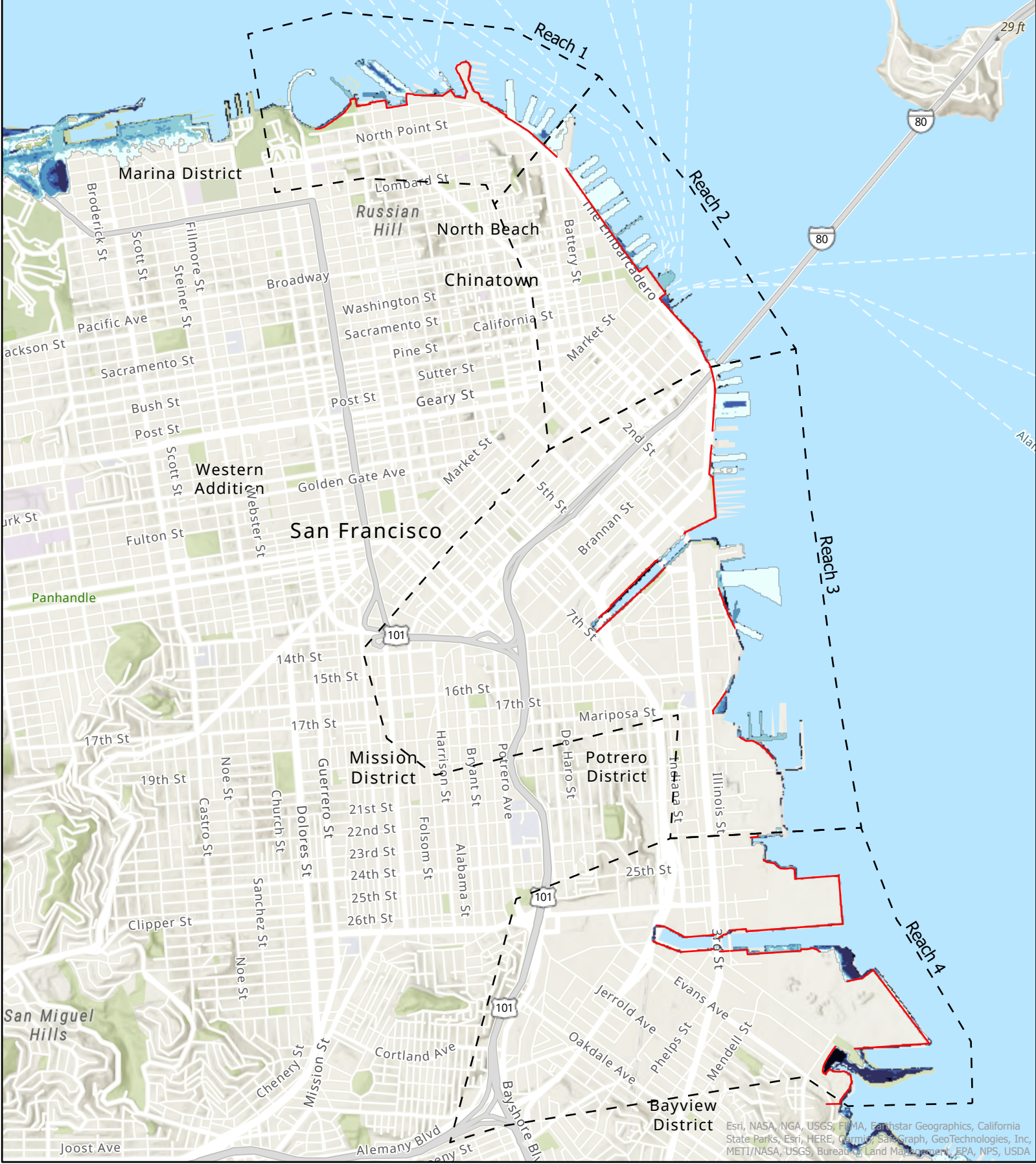
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE High Curve  
 Time Horizon: 2115  
 Monthly  
 76.1 inches of SLC  
 Moves: 2040 only

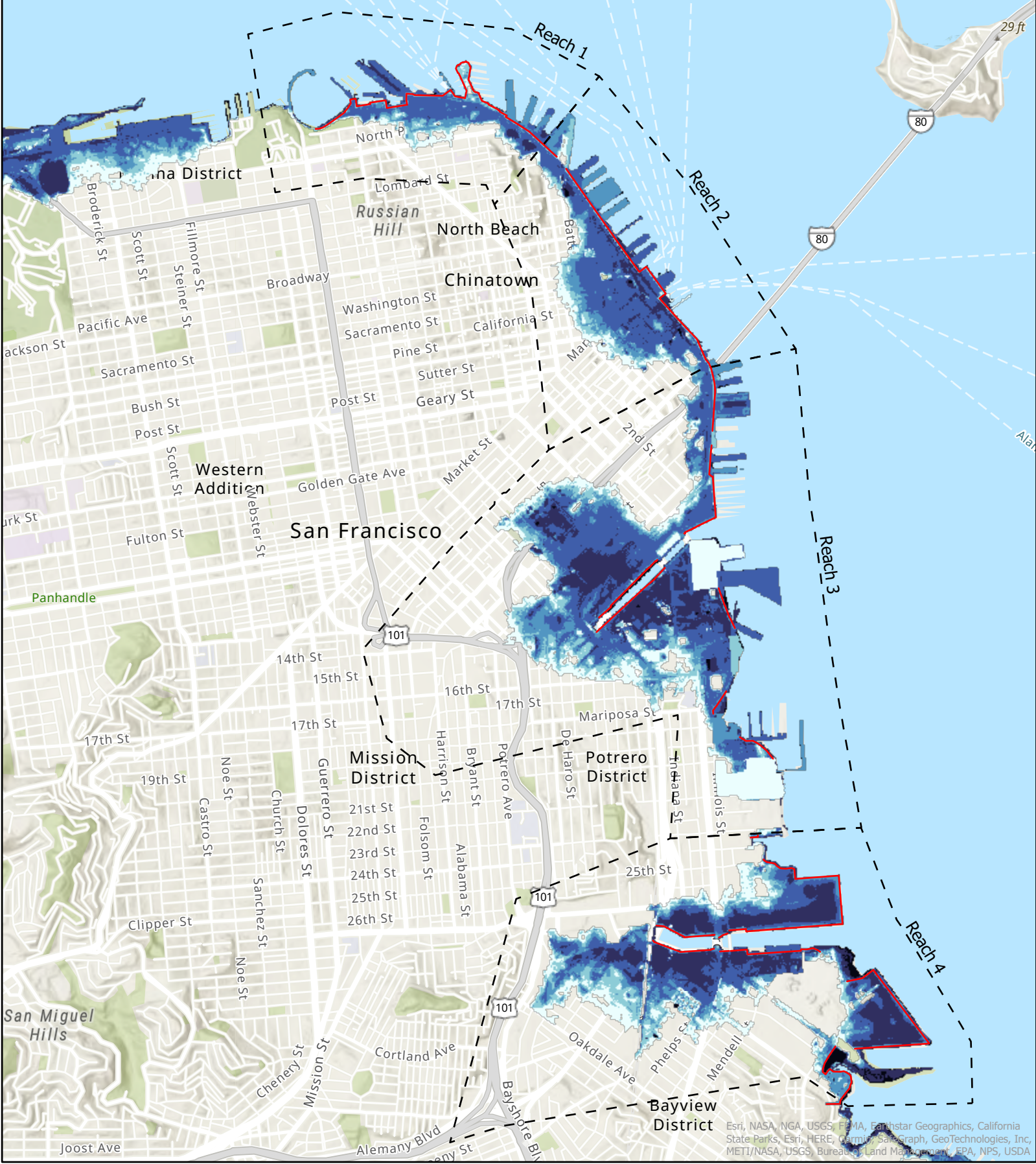
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 USACE High Curve  
 Time Horizon: 2140  
 Monthly  
 108.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire Graph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC Likely Curve  
 Time Horizon: 2040  
 Monthly  
 9.6 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







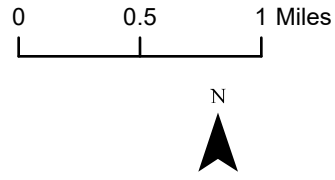
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Alternative D  
 OPC Likely Curve  
 Time Horizon: 2065  
 Monthly  
 21.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







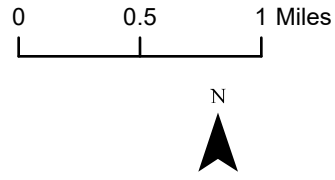
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC Likely Curve  
 Time Horizon: 2090  
 Monthly  
 35.18 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

- 0 - 1 ft
- 1 - 2 ft
- 2 - 3 ft
- 3 - 5 ft
- 5 - 10 ft
- > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC Likely Curve  
 Time Horizon: 2115  
 Monthly  
 49.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC Likely Curve  
 Time Horizon: 2140  
 Monthly  
 63.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







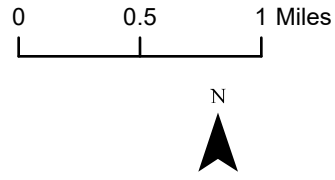
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC 1:200 Curve  
 Time Horizon: 2040  
 Monthly  
 16.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



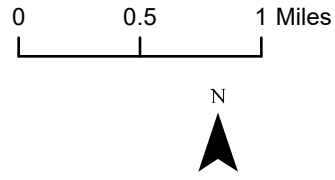




Alternative D  
 OPC 1:200 Curve  
 Time Horizon: 2065  
 Monthly  
 39.21 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





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Alternative D  
 OPC 1:200 Curve  
 Time Horizon: 2090  
 Monthly  
 69.74 inches of SLC  
 Moves: 2040 only

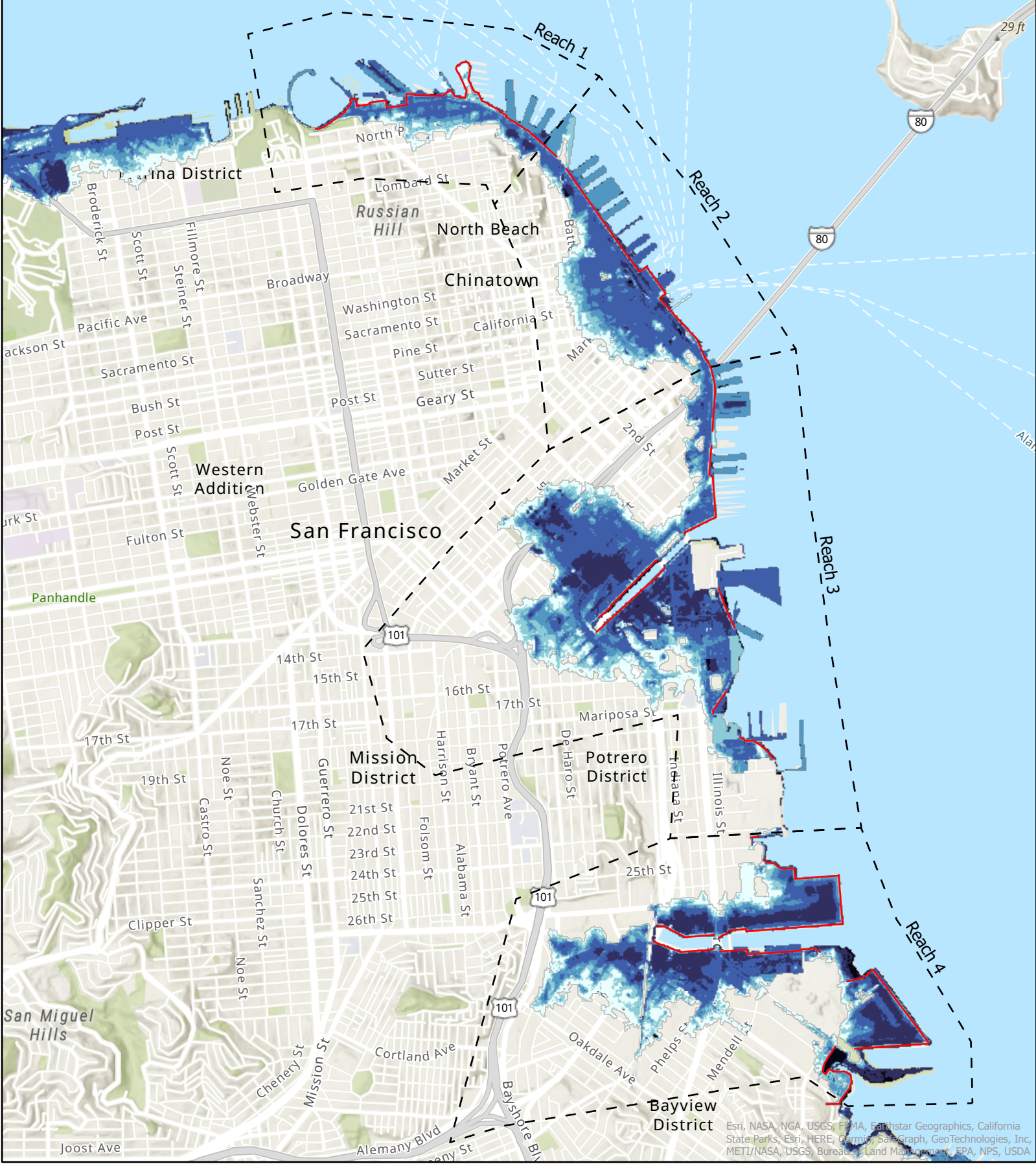
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC 1:200 Curve  
 Time Horizon: 2115  
 Monthly  
 103.04 inches of SLC  
 Moves: 2040 only

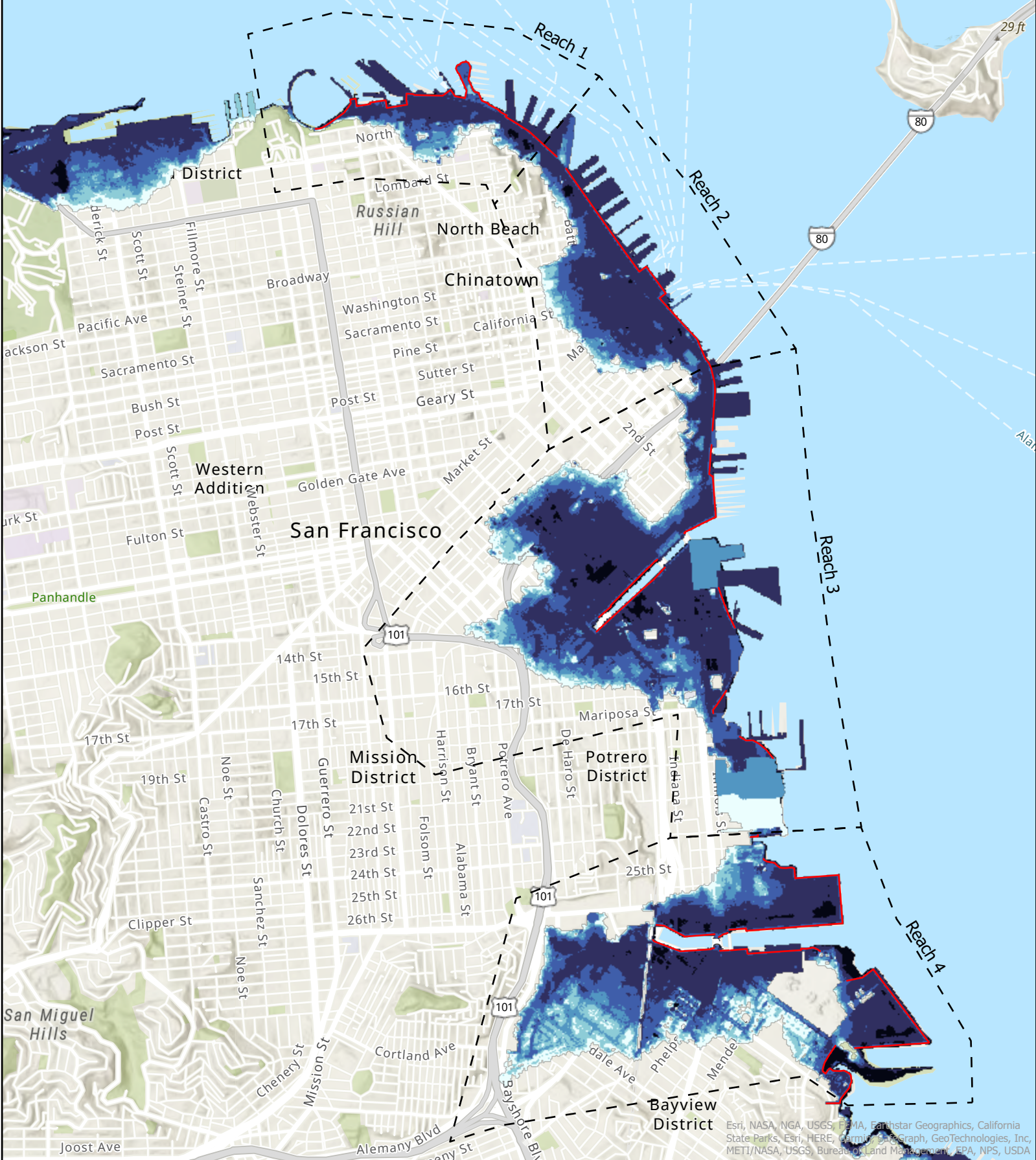
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative D  
 OPC 1:200 Curve  
 Time Horizon: 2140  
 Monthly  
 140.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



# **Alternative E**



**1% AEP**



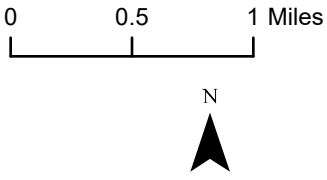
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Low Curve  
 Time Horizon: 2040  
 1% AEP  
 3.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Low Curve  
 Time Horizon: 2065  
 1% AEP  
 5.17 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Low Curve  
 Time Horizon: 2090  
 1% AEP  
 7.2 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Low Curve  
 Time Horizon: 2115  
 1% AEP  
 9.13 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Low Curve  
 Time Horizon: 2140  
 1% AEP  
 11.16 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Intermediate Curve  
 Time Horizon: 2040  
 1% AEP  
 5.52 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Intermediate Curve  
 Time Horizon: 2065  
 1% AEP  
 10.75 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Intermediate Curve  
 Time Horizon: 2090  
 1% AEP  
 17.28 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Intermediate Curve  
 Time Horizon: 2115  
 1% AEP  
 25.15 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Intermediate Curve  
 Time Horizon: 2140  
 1% AEP  
 34.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE High Curve  
 Time Horizon: 2040  
 1% AEP  
 13.08 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE High Curve  
 Time Horizon: 2065  
 1% AEP  
 28.51 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE High Curve  
 Time Horizon: 2090  
 1% AEP  
 49.56 inches of SLC  
 Moves: 2040 only

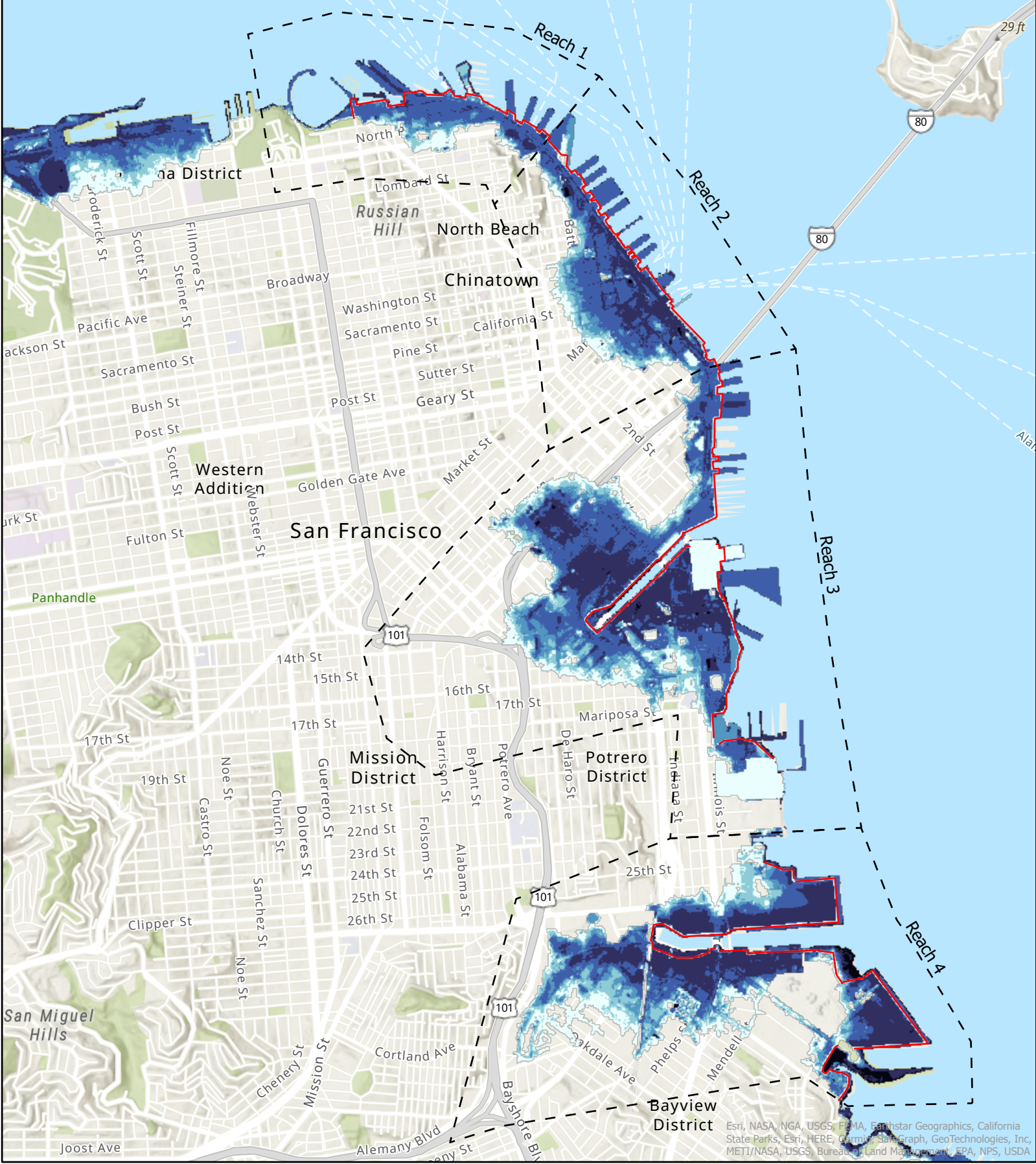
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE High Curve  
 Time Horizon: 2115  
 1% AEP  
 76.1 inches of SLC  
 Moves: 2040 only

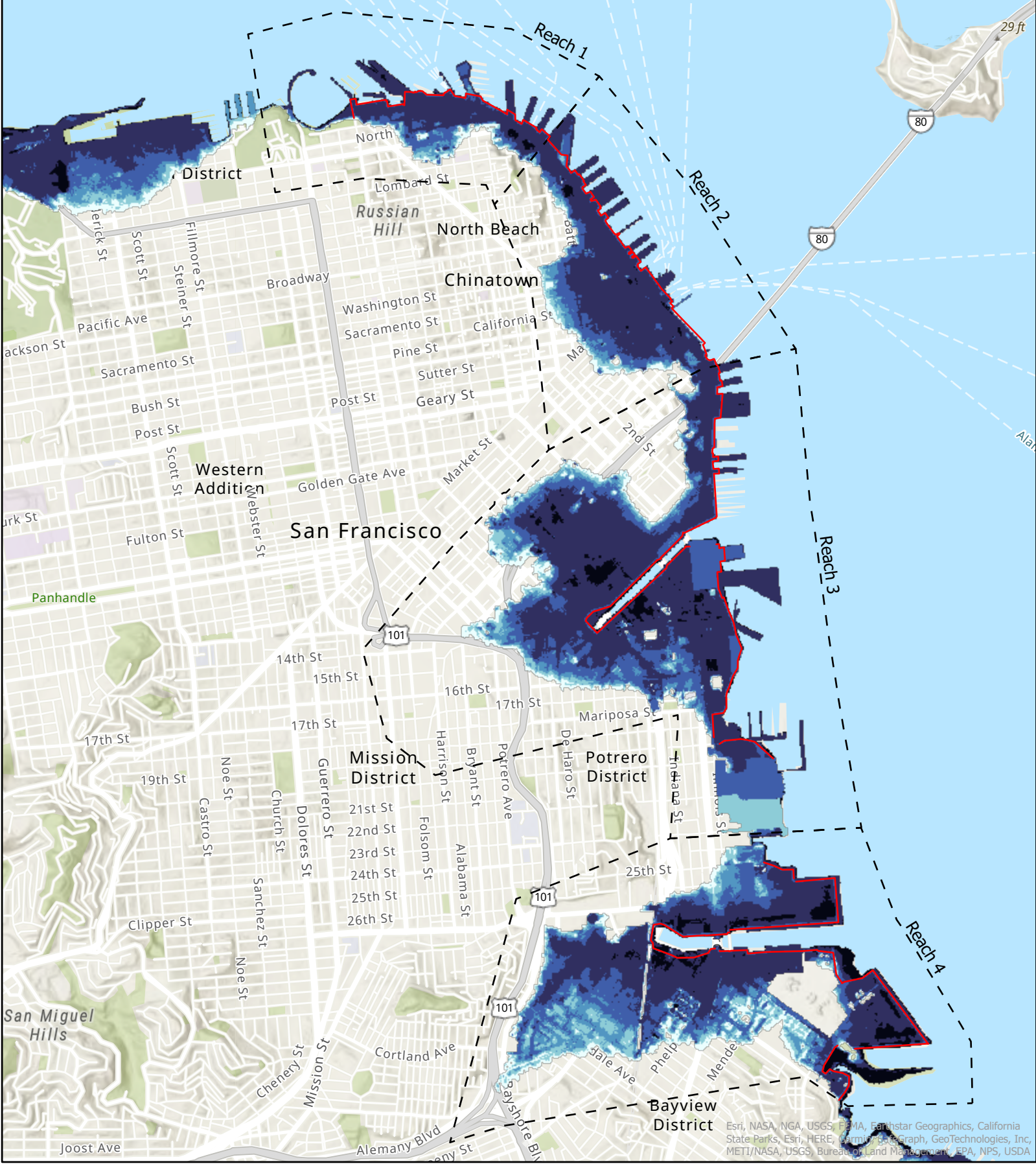
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Bing, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE High Curve  
 Time Horizon: 2140  
 1% AEP  
 108.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







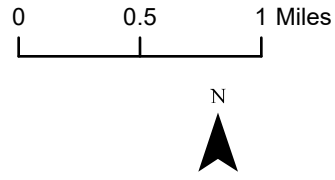
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC Likely Curve  
 Time Horizon: 2040  
 1% AEP  
 9.6 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC Likely Curve  
 Time Horizon: 2065  
 1% AEP  
 21.24 inches of SLC  
 Moves: 2040 only

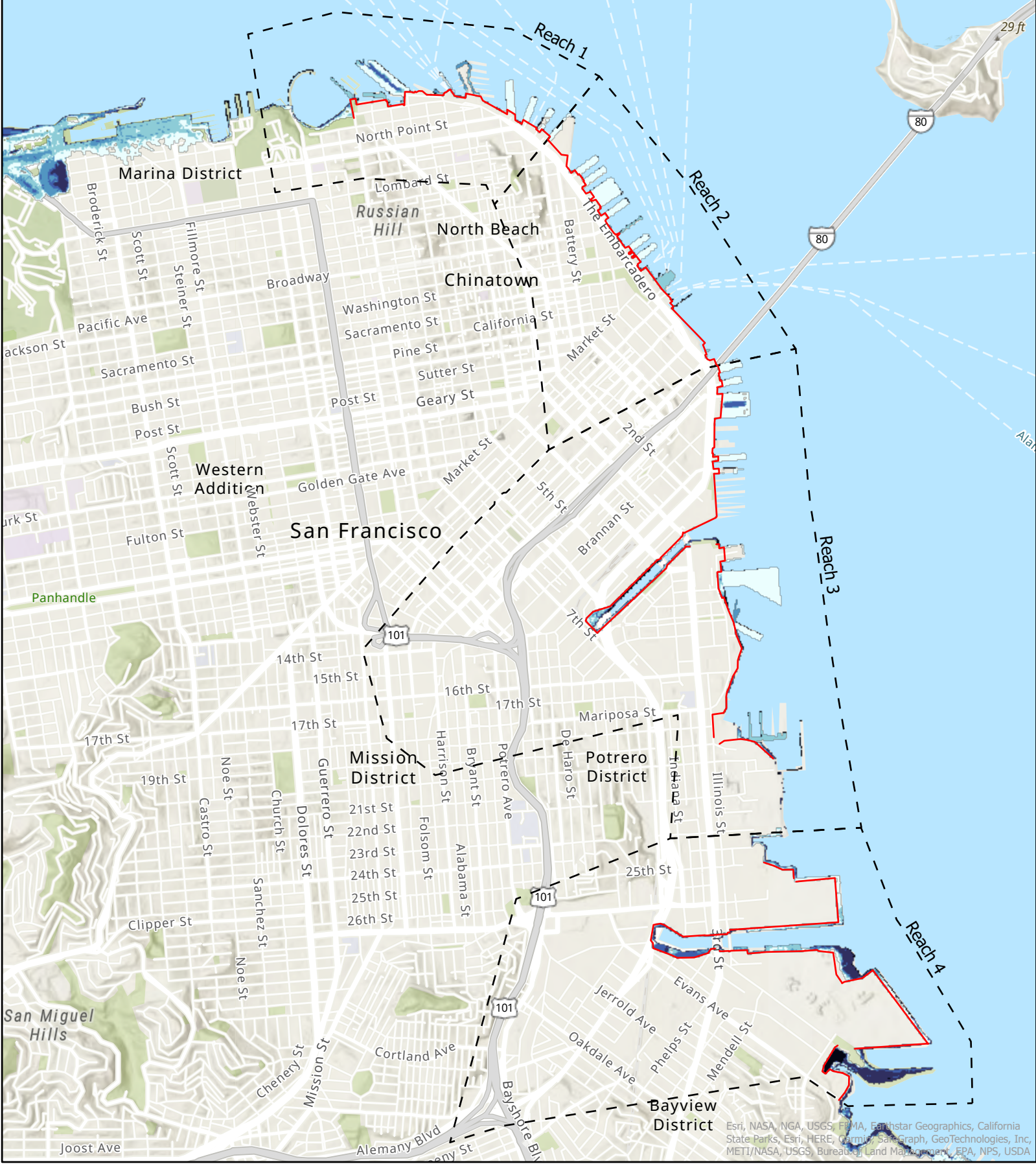
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC Likely Curve  
 Time Horizon: 2090  
 1% AEP  
 35.18 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC Likely Curve  
 Time Horizon: 2115  
 1% AEP  
 49.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC Likely Curve  
 Time Horizon: 2140  
 1% AEP  
 63.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC 1:200 Curve  
 Time Horizon: 2040  
 1% AEP  
 16.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC 1:200 Curve  
 Time Horizon: 2065  
 1% AEP  
 39.21 inches of SLC  
 Moves: 2040 only

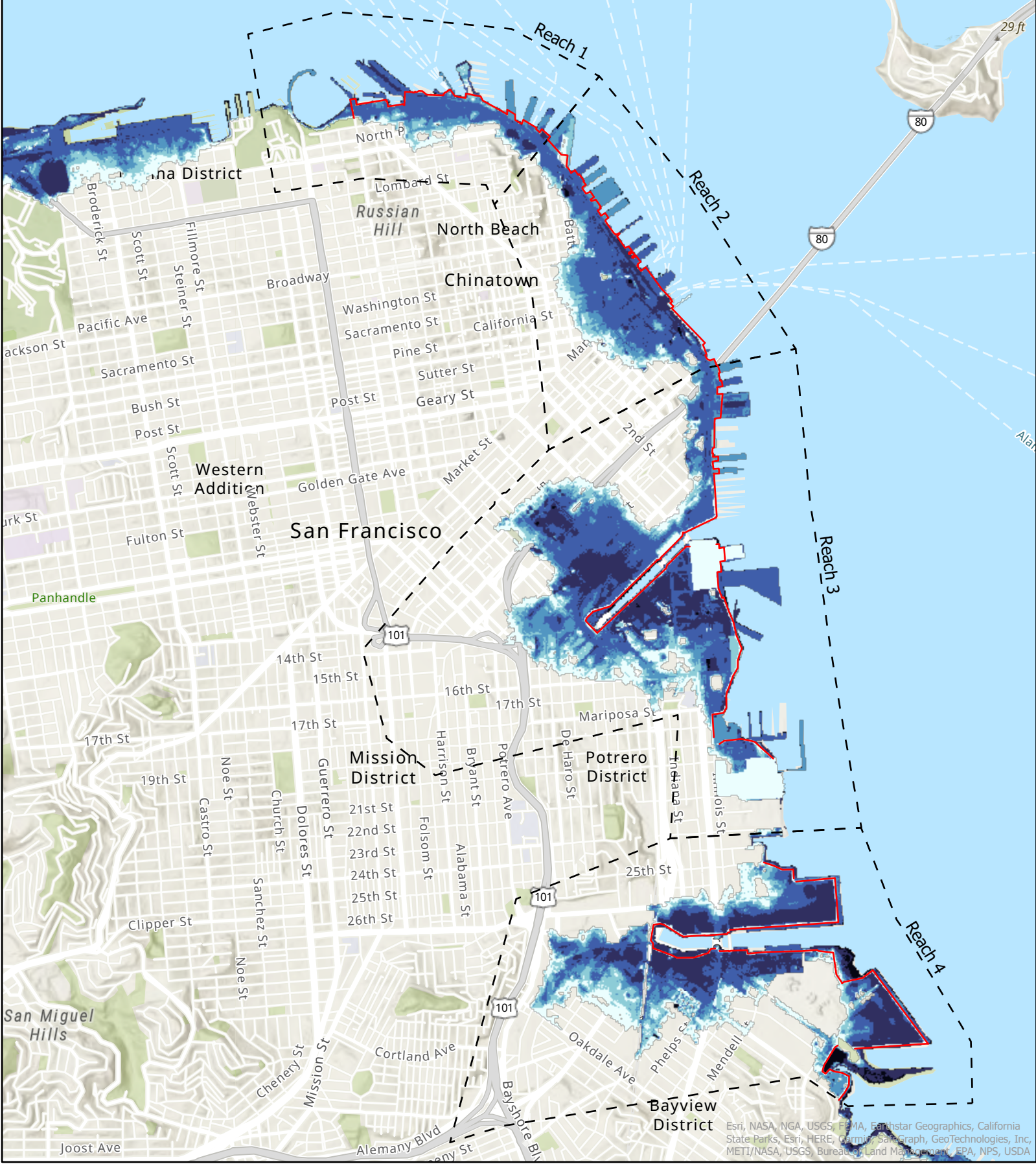
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC 1:200 Curve  
 Time Horizon: 2090  
 1% AEP  
 69.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

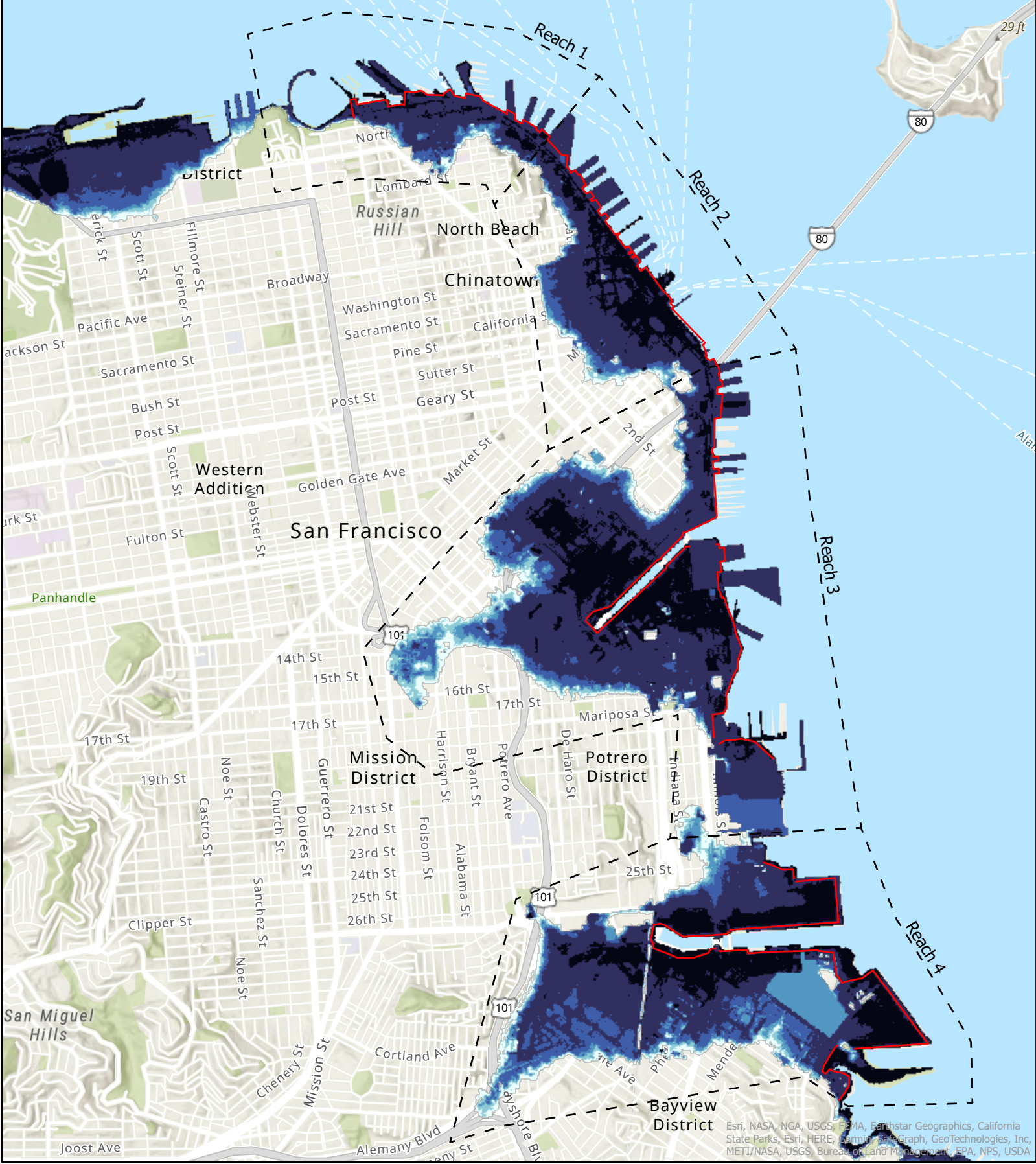
0 0.5 1 Miles











Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, DeLorme, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC 1:200 Curve  
 Time Horizon: 2140  
 1% AEP  
 140.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles





**Monthly**



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Low Curve  
 Time Horizon: 2040  
 Monthly  
 3.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Low Curve  
 Time Horizon: 2065  
 Monthly  
 5.17 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Low Curve  
 Time Horizon: 2090  
 Monthly  
 7.2 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Low Curve  
 Time Horizon: 2115  
 Monthly  
 9.13 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Low Curve  
 Time Horizon: 2140  
 Monthly  
 11.16 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Intermediate Curve  
 Time Horizon: 2040  
 Monthly  
 5.52 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Intermediate Curve  
 Time Horizon: 2065  
 Monthly  
 10.75 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Intermediate Curve  
 Time Horizon: 2090  
 Monthly  
 17.28 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



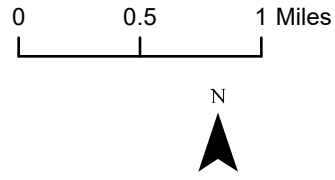




Alternative E  
 USACE Intermediate Curve  
 Time Horizon: 2115  
 Monthly  
 25.15 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE Intermediate Curve  
 Time Horizon: 2140  
 Monthly  
 34.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles











Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE High Curve  
 Time Horizon: 2065  
 Monthly  
 28.51 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE High Curve  
 Time Horizon: 2090  
 Monthly  
 49.56 inches of SLC  
 Moves: 2040 only

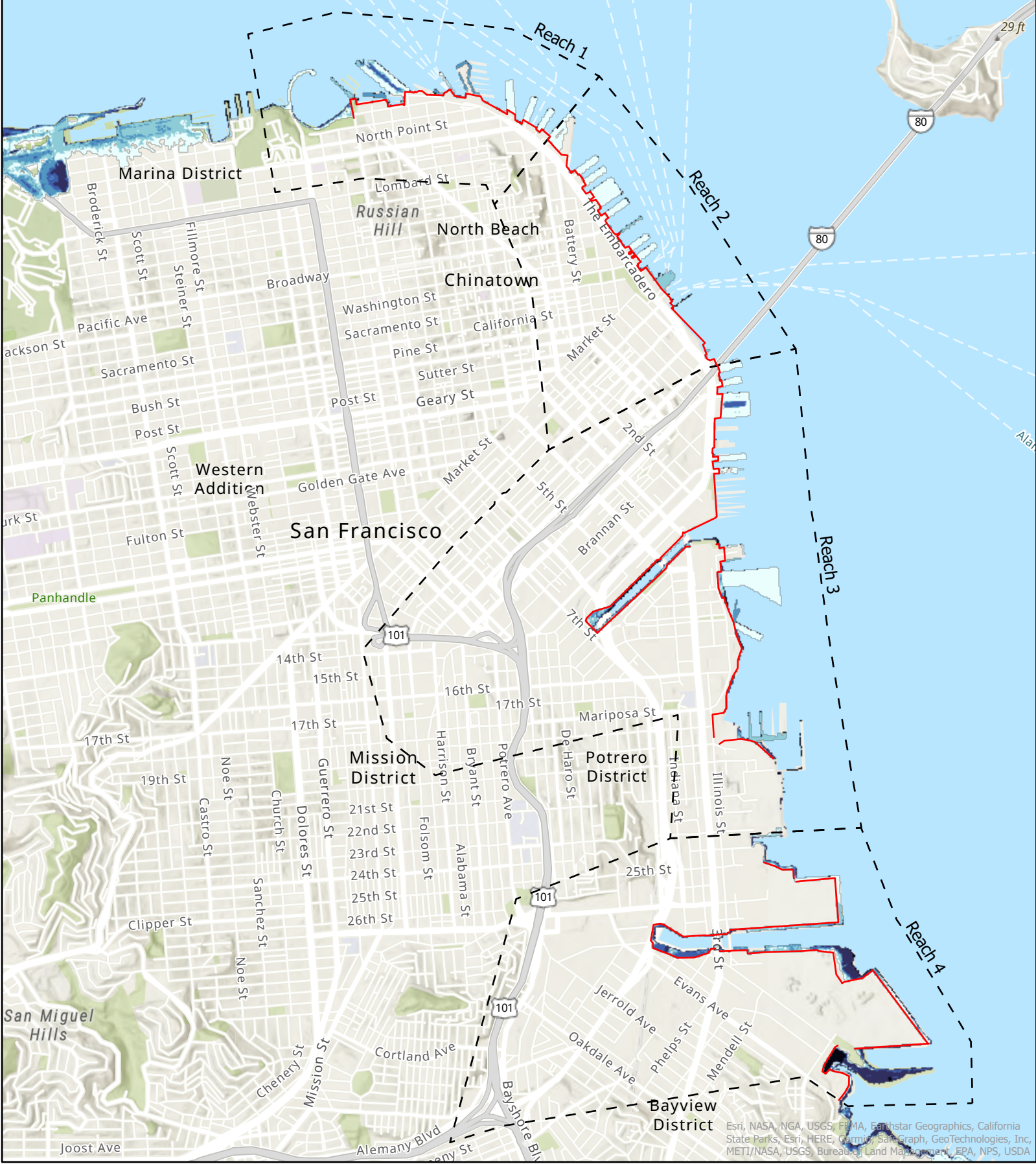
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE High Curve  
 Time Horizon: 2115  
 Monthly  
 76.1 inches of SLC  
 Moves: 2040 only

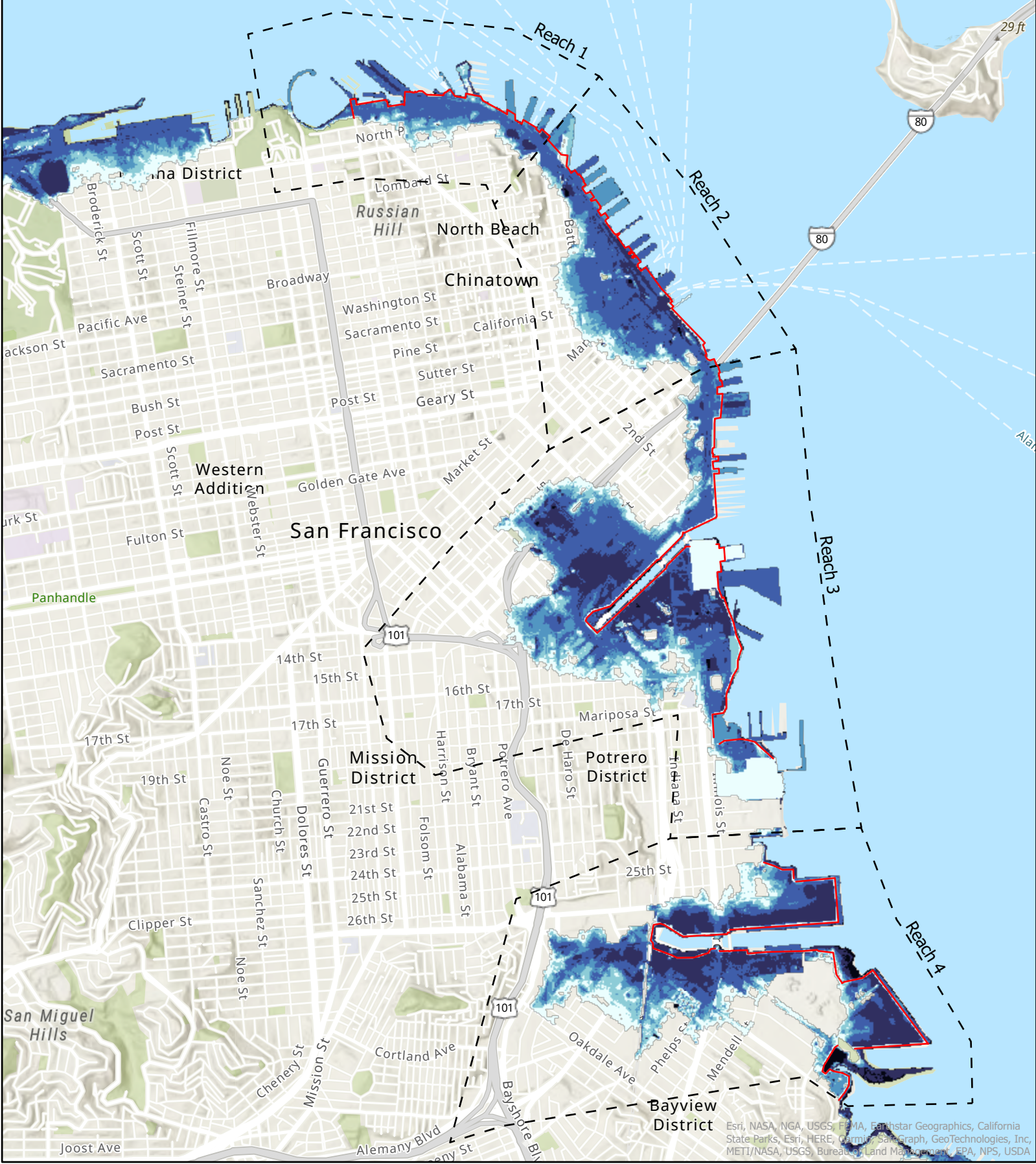
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 USACE High Curve  
 Time Horizon: 2140  
 Monthly  
 108.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC Likely Curve  
 Time Horizon: 2040  
 Monthly  
 9.6 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC Likely Curve  
 Time Horizon: 2065  
 Monthly  
 21.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC Likely Curve  
 Time Horizon: 2090  
 Monthly  
 35.18 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC Likely Curve  
 Time Horizon: 2115  
 Monthly  
 49.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

- 0 - 1 ft
- 1 - 2 ft
- 2 - 3 ft
- 3 - 5 ft
- 5 - 10 ft
- > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC Likely Curve  
 Time Horizon: 2140  
 Monthly  
 63.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

- 0 - 1 ft
- 1 - 2 ft
- 2 - 3 ft
- 3 - 5 ft
- 5 - 10 ft
- > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC 1:200 Curve  
 Time Horizon: 2040  
 Monthly  
 16.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC 1:200 Curve  
 Time Horizon: 2065  
 Monthly  
 39.21 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC 1:200 Curve  
 Time Horizon: 2090  
 Monthly  
 69.74 inches of SLC  
 Moves: 2040 only

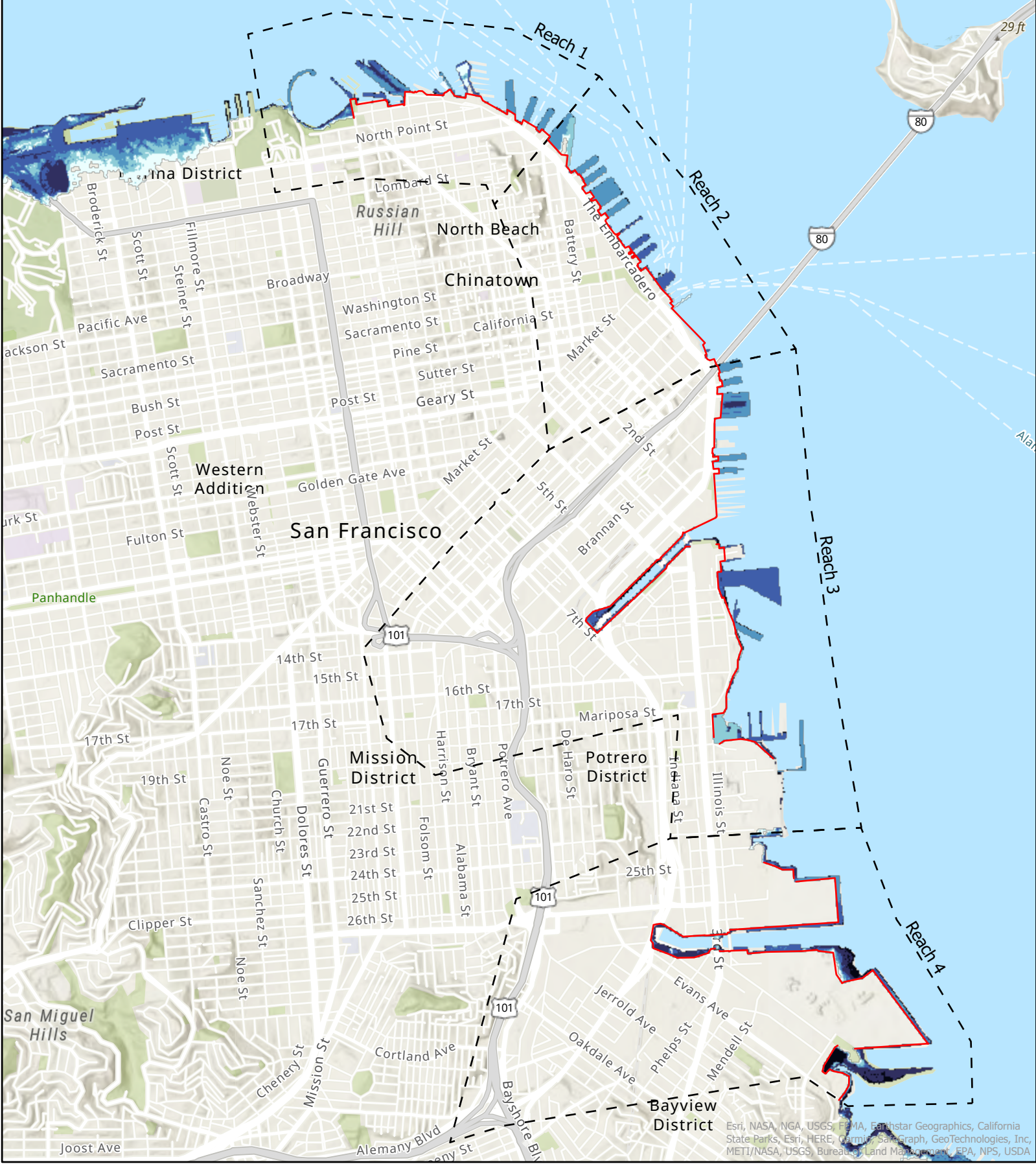
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC 1:200 Curve  
 Time Horizon: 2115  
 Monthly  
 103.04 inches of SLC  
 Moves: 2040 only

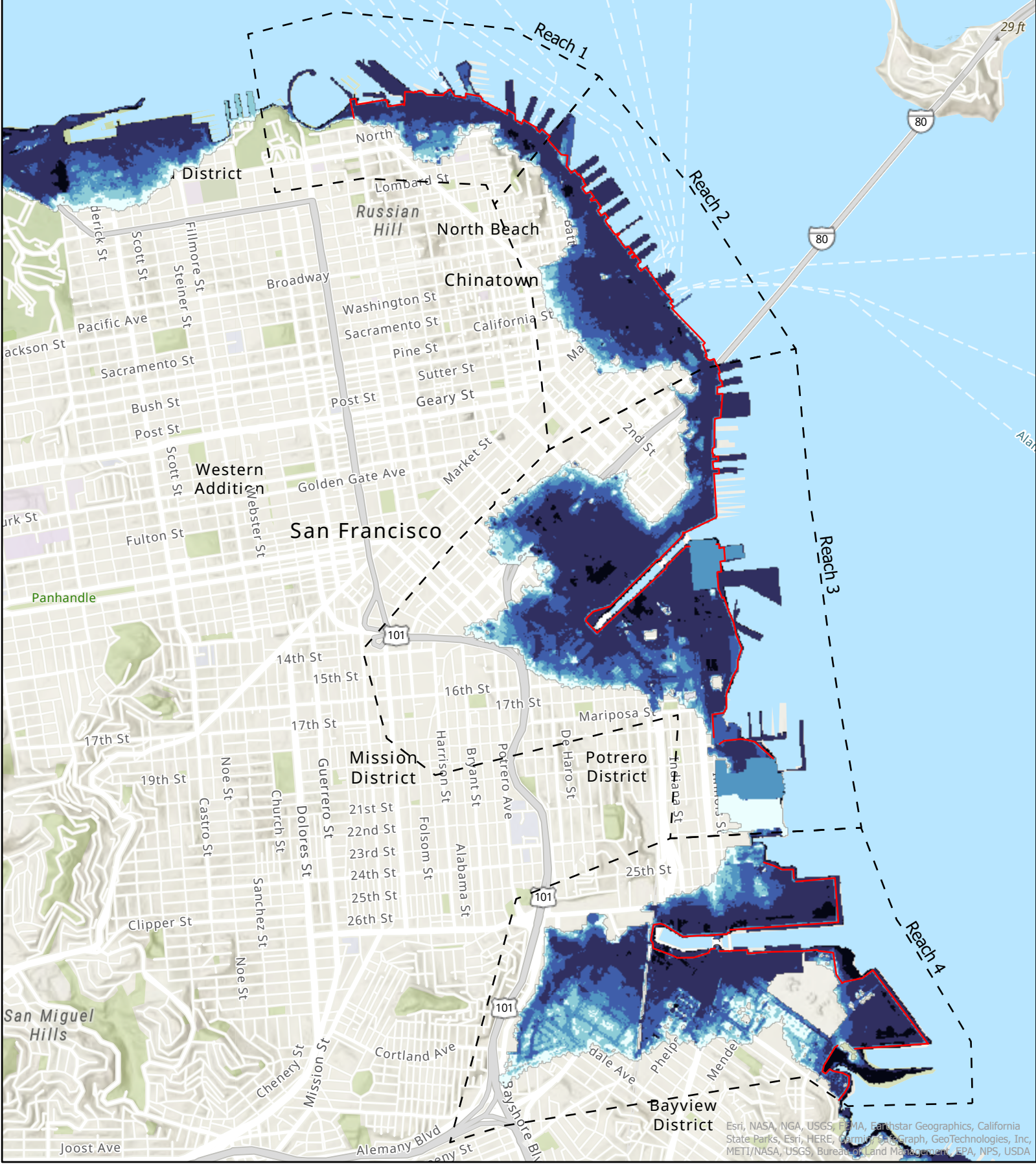
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative E  
 OPC 1:200 Curve  
 Time Horizon: 2140  
 Monthly  
 140.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles





# **Alternative F**

**1% AEP**





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Low Curve  
 Time Horizon: 2040  
 1% AEP  
 3.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Low Curve  
 Time Horizon: 2065  
 1% AEP  
 5.17 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative F  
 USACE Low Curve  
 Time Horizon: 2090  
 1% AEP  
 7.2 inches of SLC  
 Moves: 2040 only

— Line of Defense  
  USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Low Curve  
 Time Horizon: 2115  
 1% AEP  
 9.13 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative F  
 USACE Low Curve  
 Time Horizon: 2140  
 1% AEP  
 11.16 inches of SLC  
 Moves: 2040 only

— Line of Defense  
  USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA

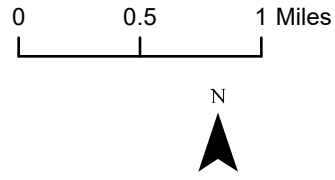




Alternative F  
 USACE Intermediate Curve  
 Time Horizon: 2040  
 1% AEP  
 5.52 inches of SLC  
 Moves: 2040 only

— Line of Defense  
  USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Alternative F  
 USACE Intermediate Curve  
 Time Horizon: 2065  
 1% AEP  
 10.75 inches of SLC  
 Moves: 2040 only

 Line of Defense  
 USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Intermediate Curve  
 Time Horizon: 2090  
 1% AEP  
 17.28 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Intermediate Curve  
 Time Horizon: 2115  
 1% AEP  
 25.15 inches of SLC  
 Moves: 2040 only

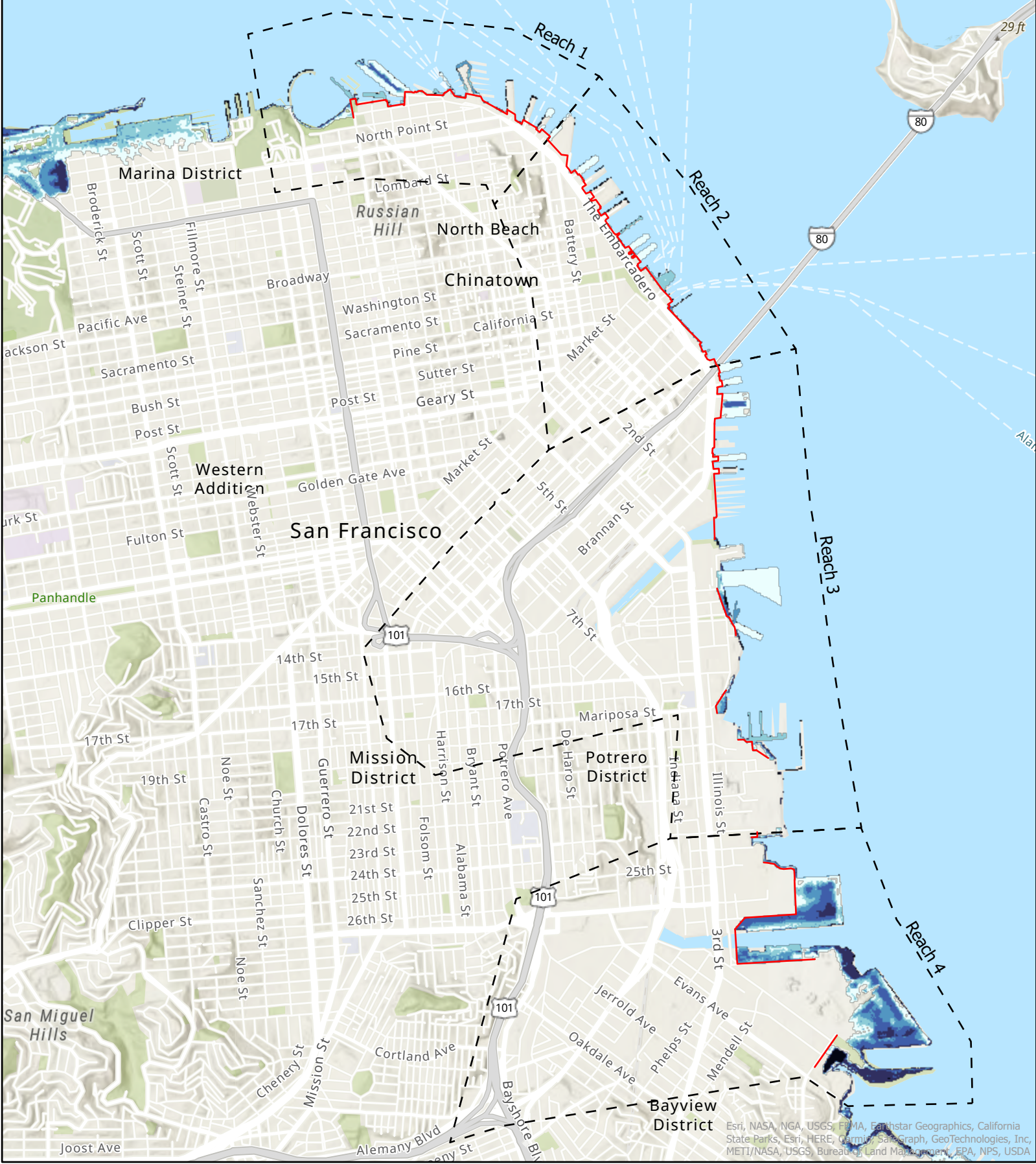
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative F  
 USACE Intermediate Curve  
 Time Horizon: 2140  
 1% AEP  
 34.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE High Curve  
 Time Horizon: 2040  
 1% AEP  
 13.08 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative F  
 USACE High Curve  
 Time Horizon: 2065  
 1% AEP  
 28.51 inches of SLC  
 Moves: 2040 only

— Line of Defense  
  USACE Reaches

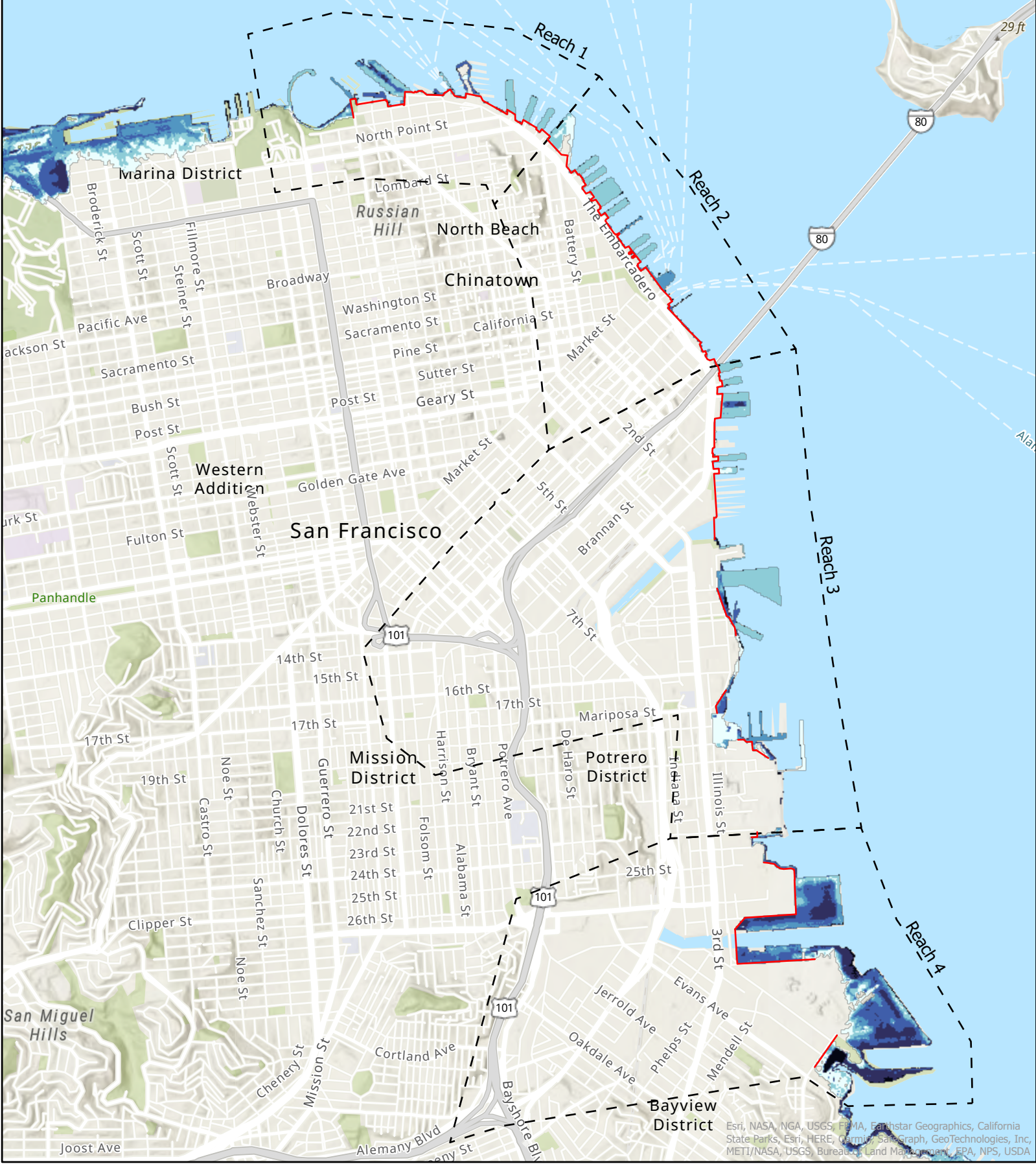
0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



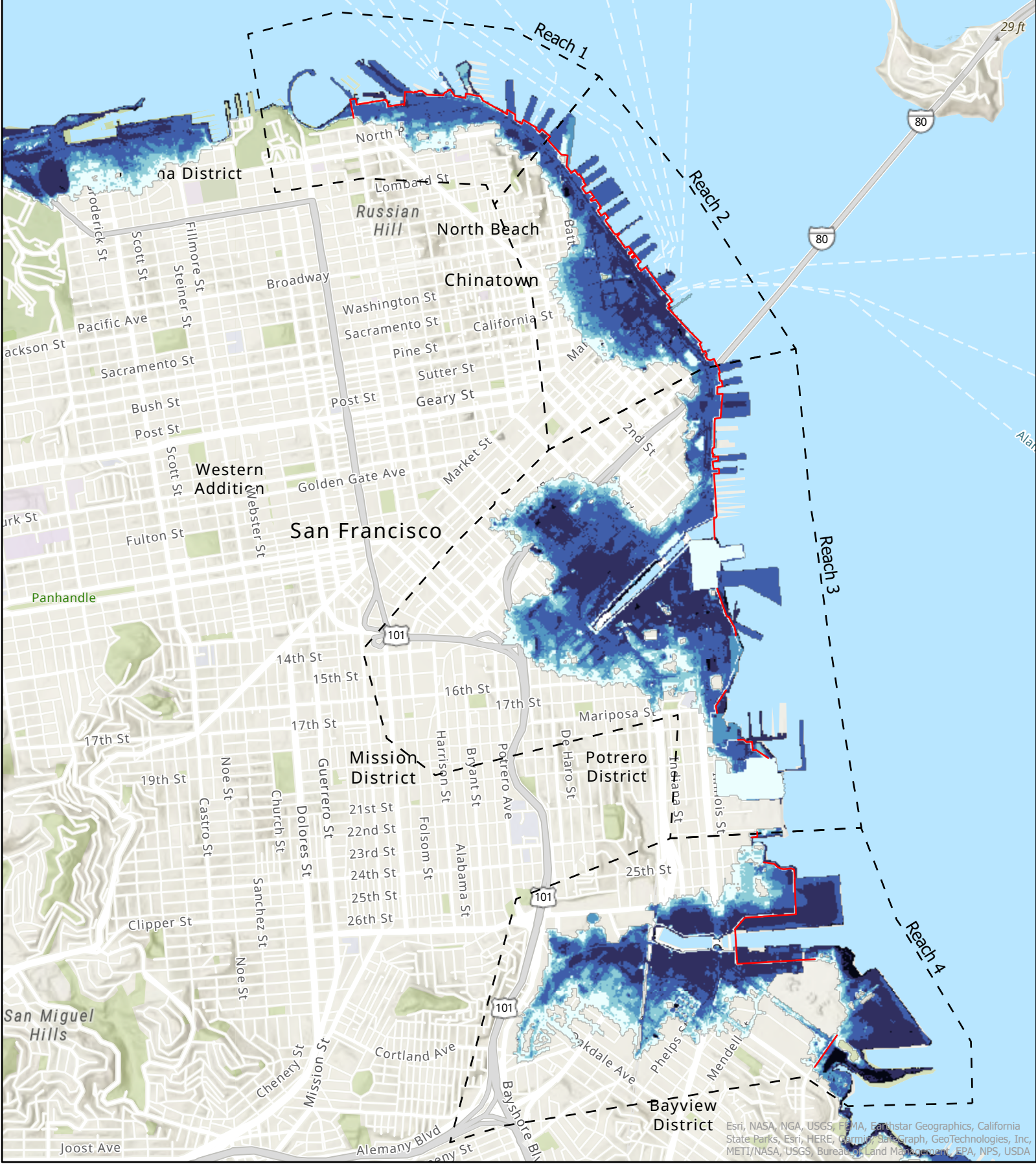
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE High Curve  
 Time Horizon: 2115  
 1% AEP  
 76.1 inches of SLC  
 Moves: 2040 only

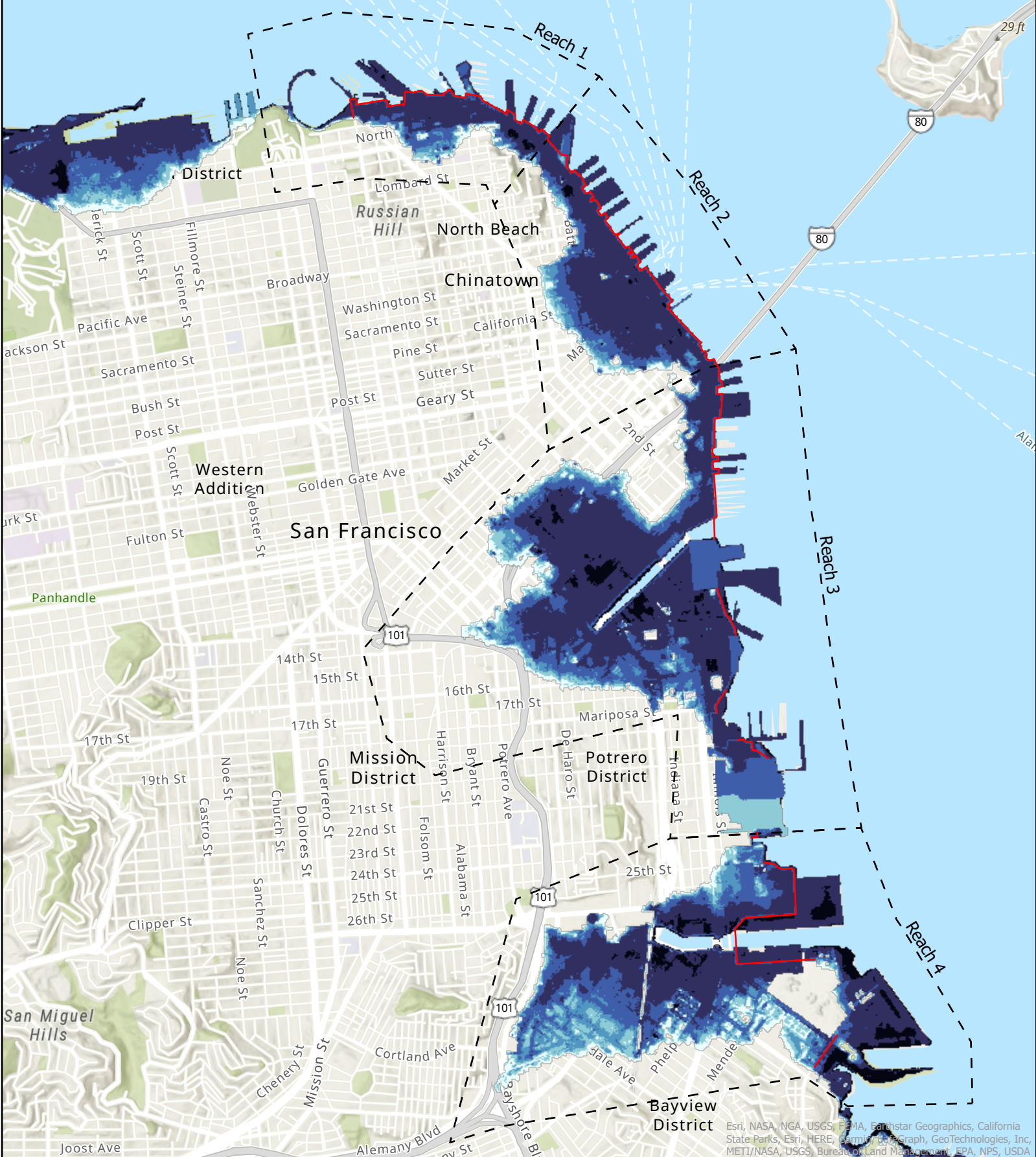
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, DeLorme, GeoGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE High Curve  
 Time Horizon: 2140  
 1% AEP  
 108.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative F  
 OPC Likely Curve  
 Time Horizon: 2040  
 1% AEP  
 9.6 inches of SLC  
 Moves: 2040 only

— Line of Defense  
  USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC Likely Curve  
 Time Horizon: 2065  
 1% AEP  
 21.24 inches of SLC  
 Moves: 2040 only

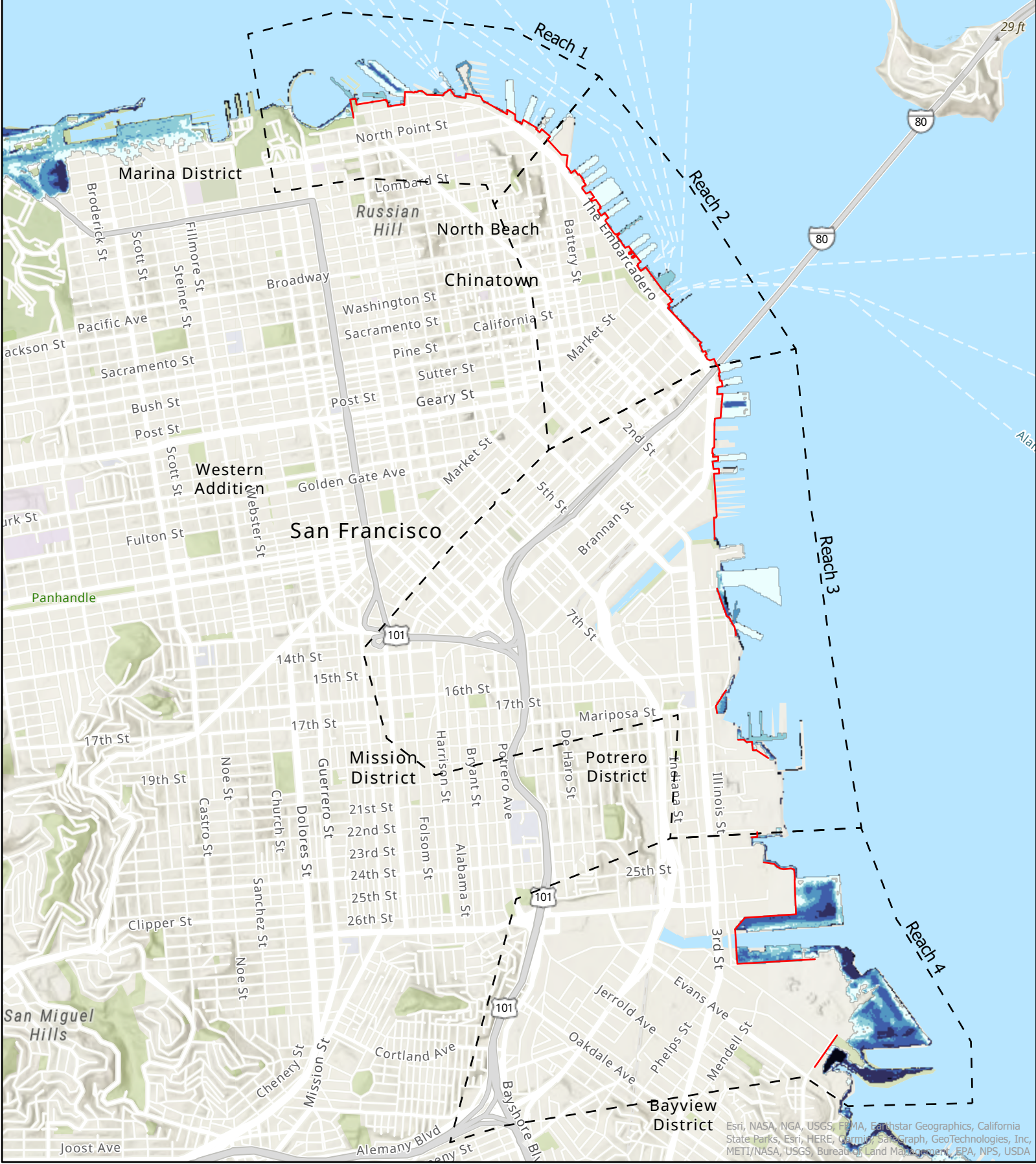
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC Likely Curve  
 Time Horizon: 2090  
 1% AEP  
 35.18 inches of SLC  
 Moves: 2040 only

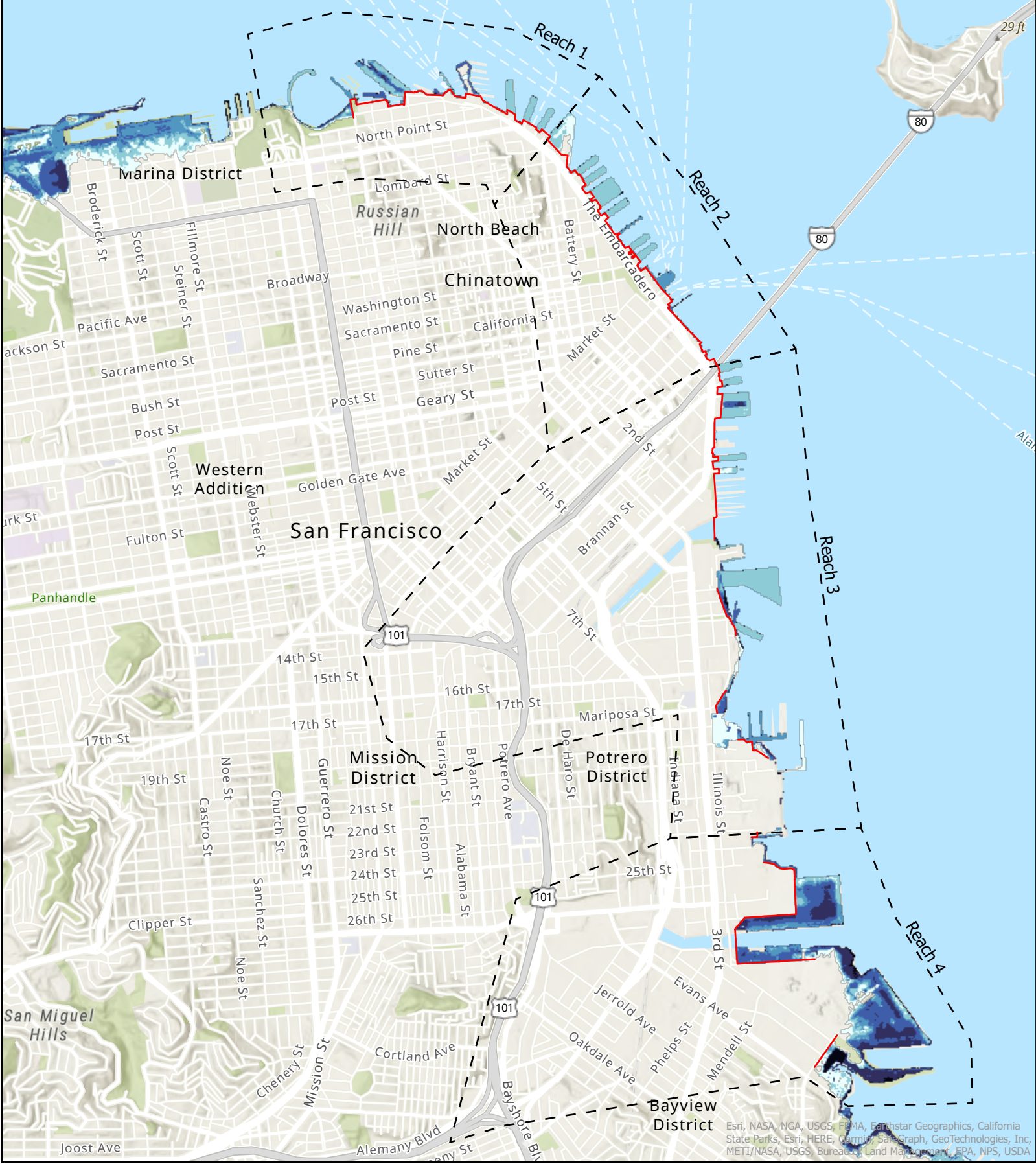
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC Likely Curve  
 Time Horizon: 2115  
 1% AEP  
 49.3 inches of SLC  
 Moves: 2040 only

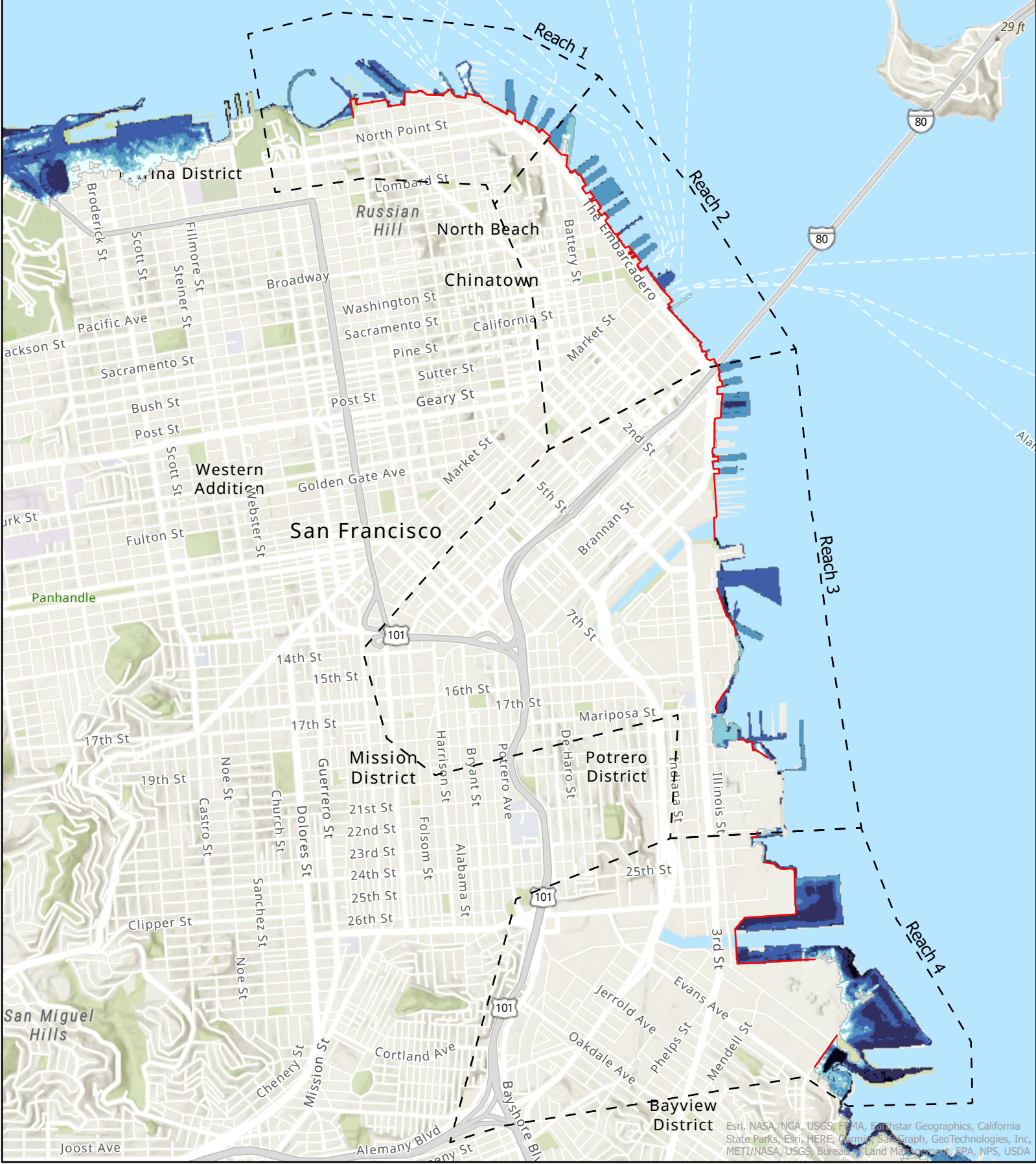
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







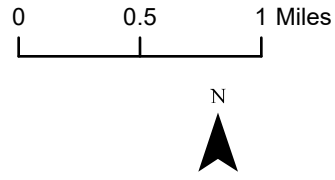
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC Likely Curve  
 Time Horizon: 2140  
 1% AEP  
 63.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC 1:200 Curve  
 Time Horizon: 2040  
 1% AEP  
 16.32 inches of SLC  
 Moves: 2040 only

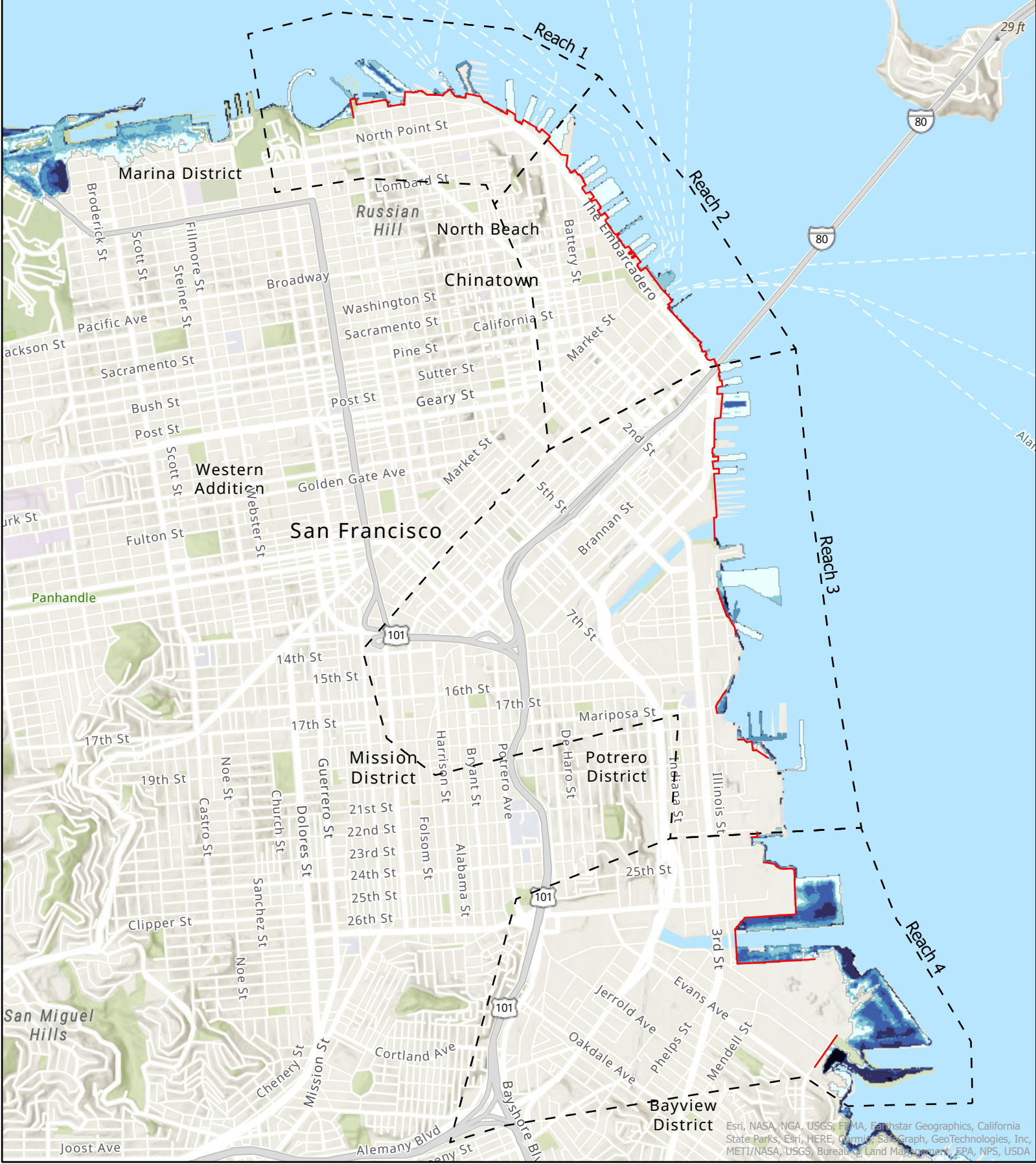
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles





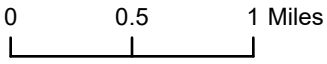
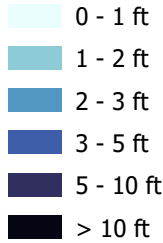


Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA

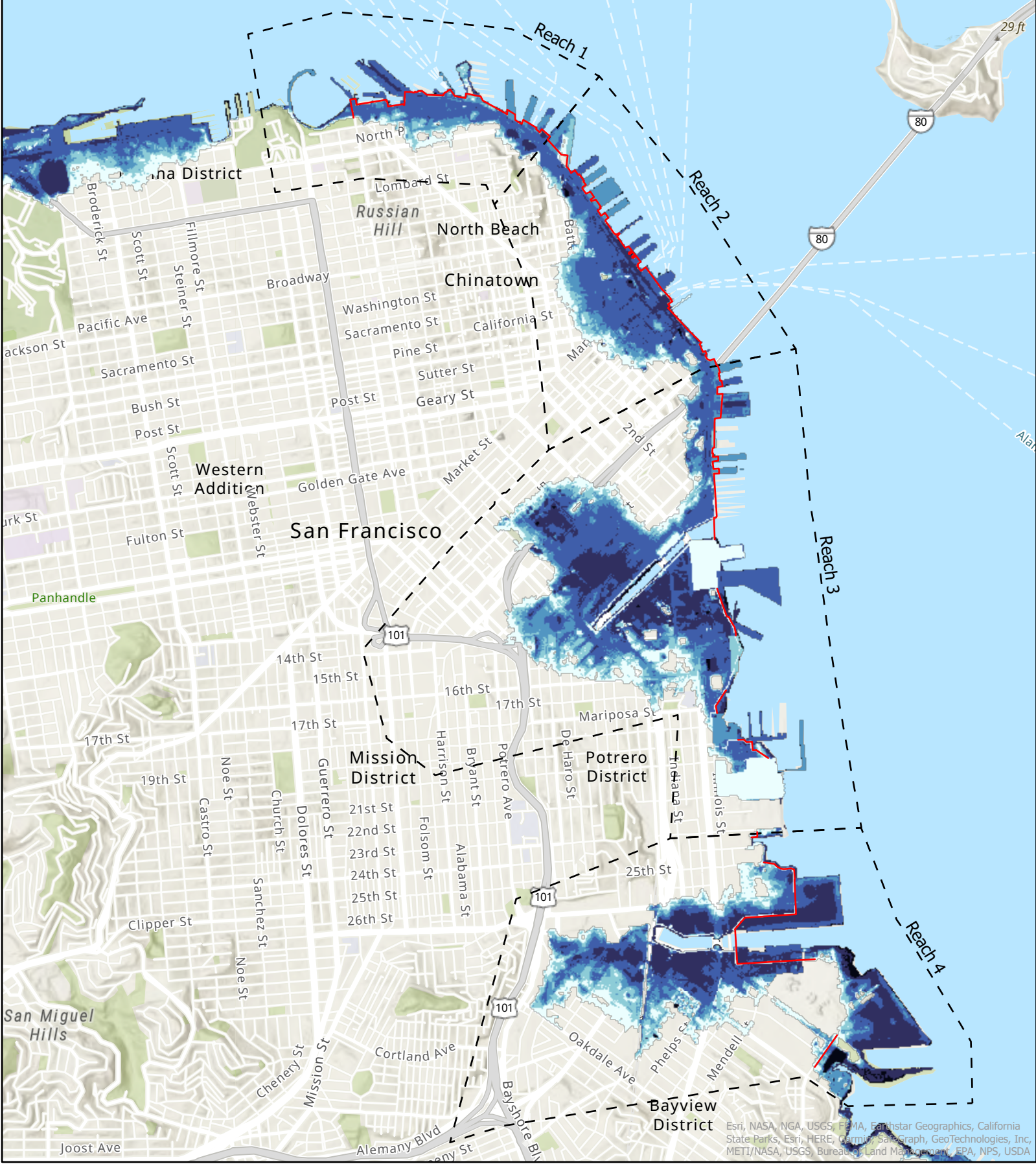


Alternative F  
 OPC 1:200 Curve  
 Time Horizon: 2065  
 1% AEP  
 39.21 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



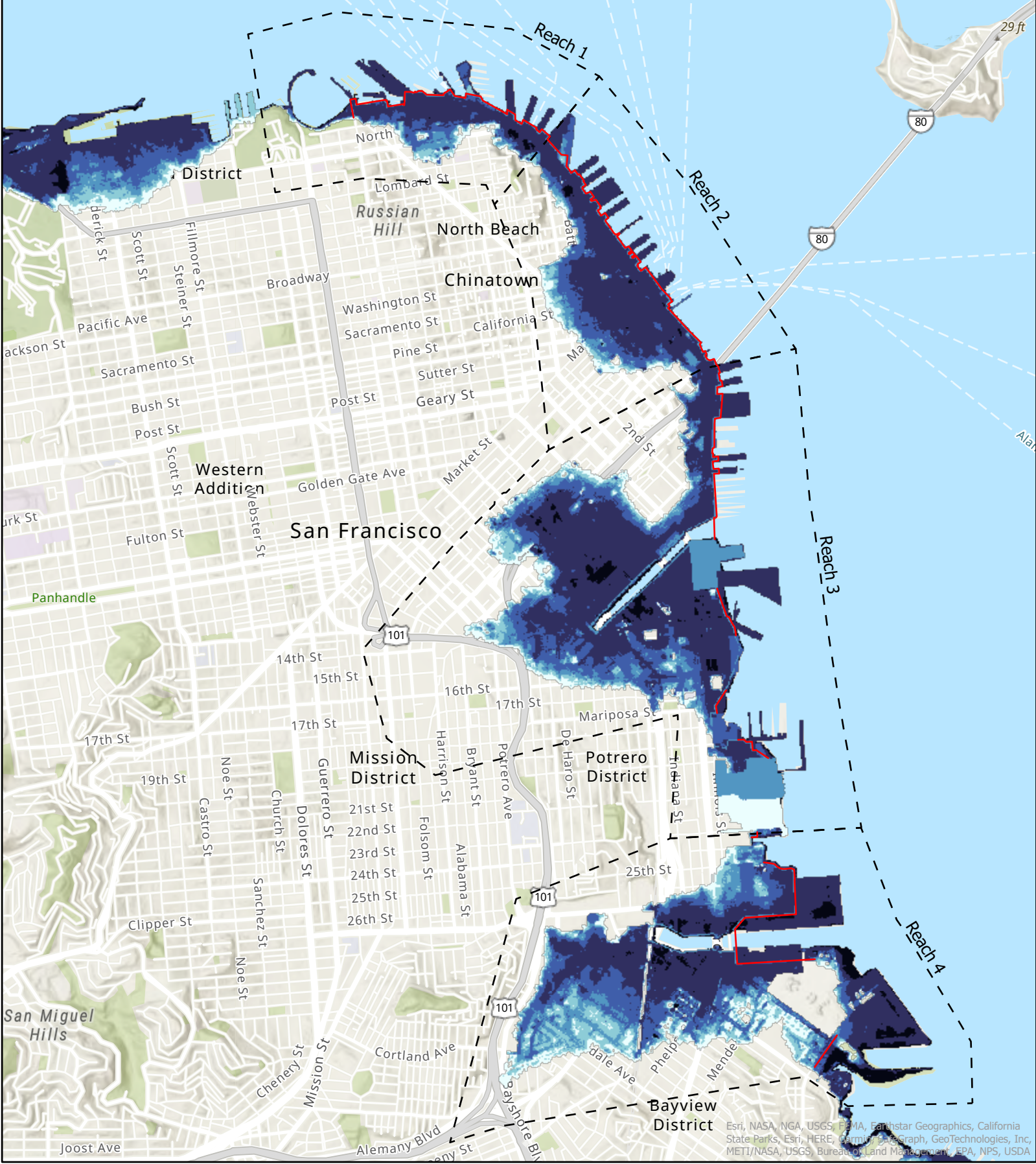
Alternative F  
 OPC 1:200 Curve  
 Time Horizon: 2090  
 1% AEP  
 69.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, DeLorme, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



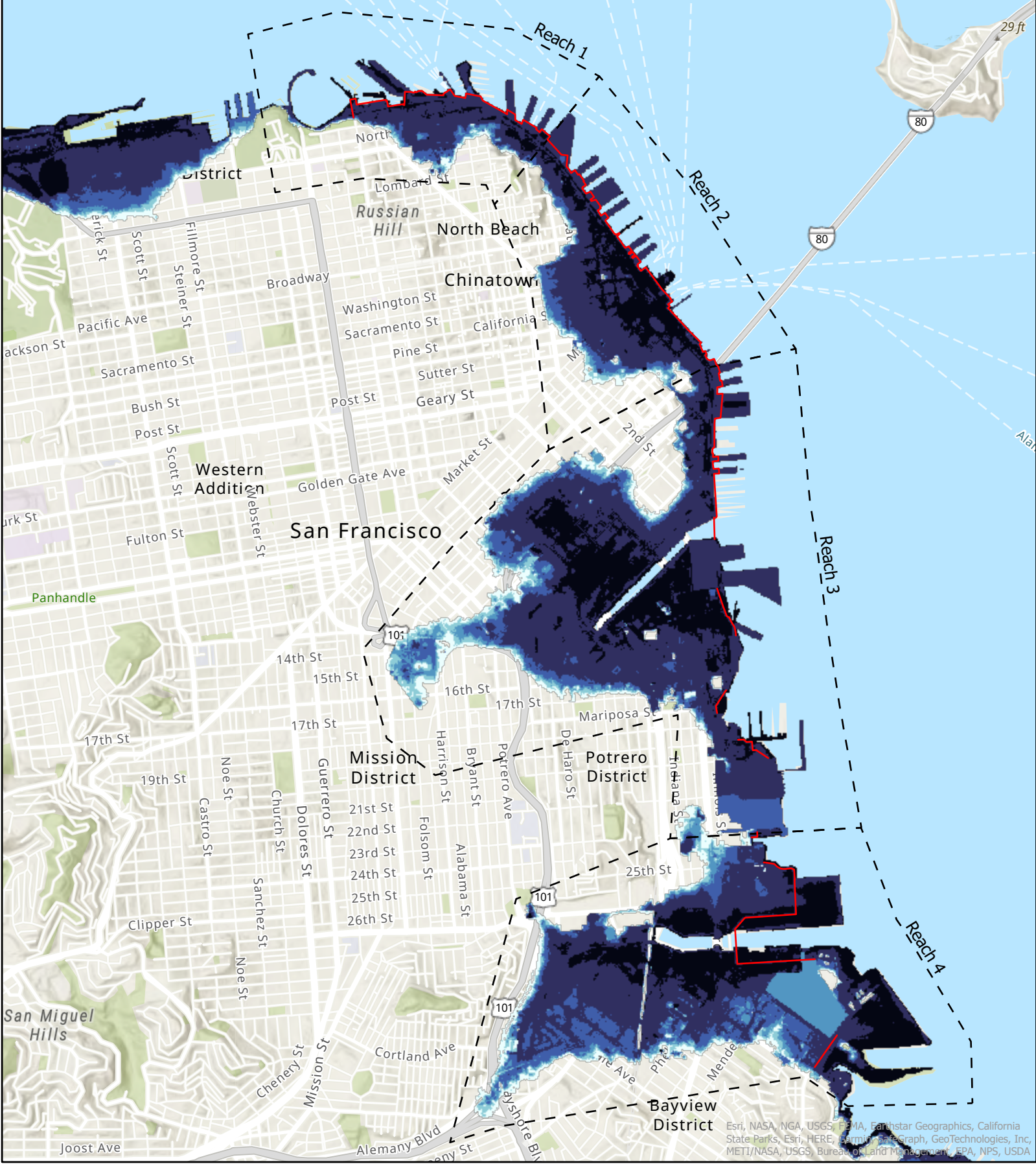
Alternative F  
 OPC 1:200 Curve  
 Time Horizon: 2115  
 1% AEP  
 103.04 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC 1:200 Curve  
 Time Horizon: 2140  
 1% AEP  
 140.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



**Monthly**





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Low Curve  
 Time Horizon: 2040  
 Monthly  
 3.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Low Curve  
 Time Horizon: 2065  
 Monthly  
 5.17 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Low Curve  
 Time Horizon: 2090  
 Monthly  
 7.2 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Low Curve  
 Time Horizon: 2115  
 Monthly  
 9.13 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Low Curve  
 Time Horizon: 2140  
 Monthly  
 11.16 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Intermediate Curve  
 Time Horizon: 2040  
 Monthly  
 5.52 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Intermediate Curve  
 Time Horizon: 2065  
 Monthly  
 10.75 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire Graph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Intermediate Curve  
 Time Horizon: 2090  
 Monthly  
 17.28 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Intermediate Curve  
 Time Horizon: 2115  
 Monthly  
 25.15 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE Intermediate Curve  
 Time Horizon: 2140  
 Monthly  
 34.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE High Curve  
 Time Horizon: 2040  
 Monthly  
 13.08 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE High Curve  
 Time Horizon: 2065  
 Monthly  
 28.51 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative F  
 USACE High Curve  
 Time Horizon: 2090  
 Monthly  
 49.56 inches of SLC  
 Moves: 2040 only

— Line of Defense  
  USACE Reaches

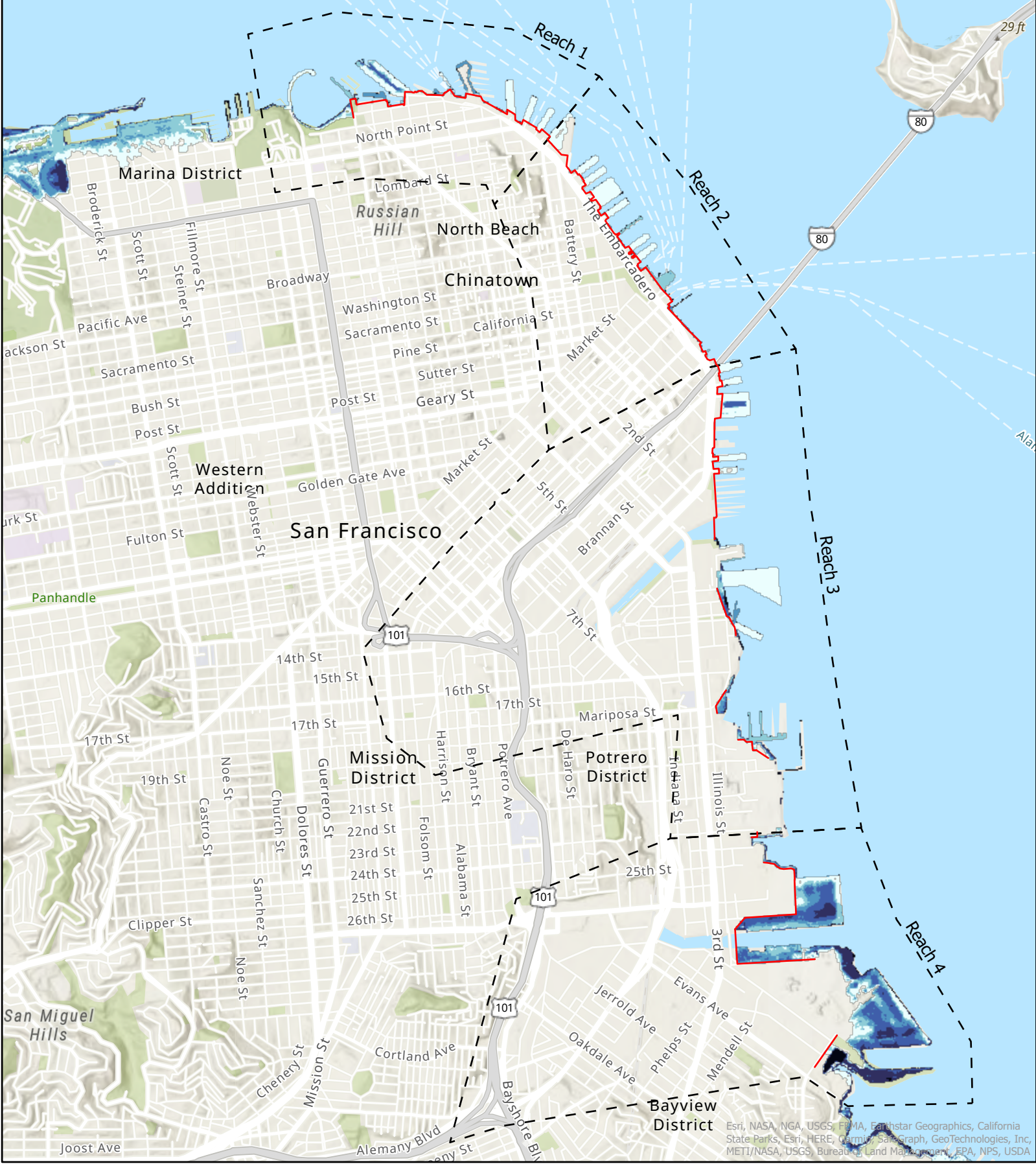
0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE High Curve  
 Time Horizon: 2115  
 Monthly  
 76.1 inches of SLC  
 Moves: 2040 only

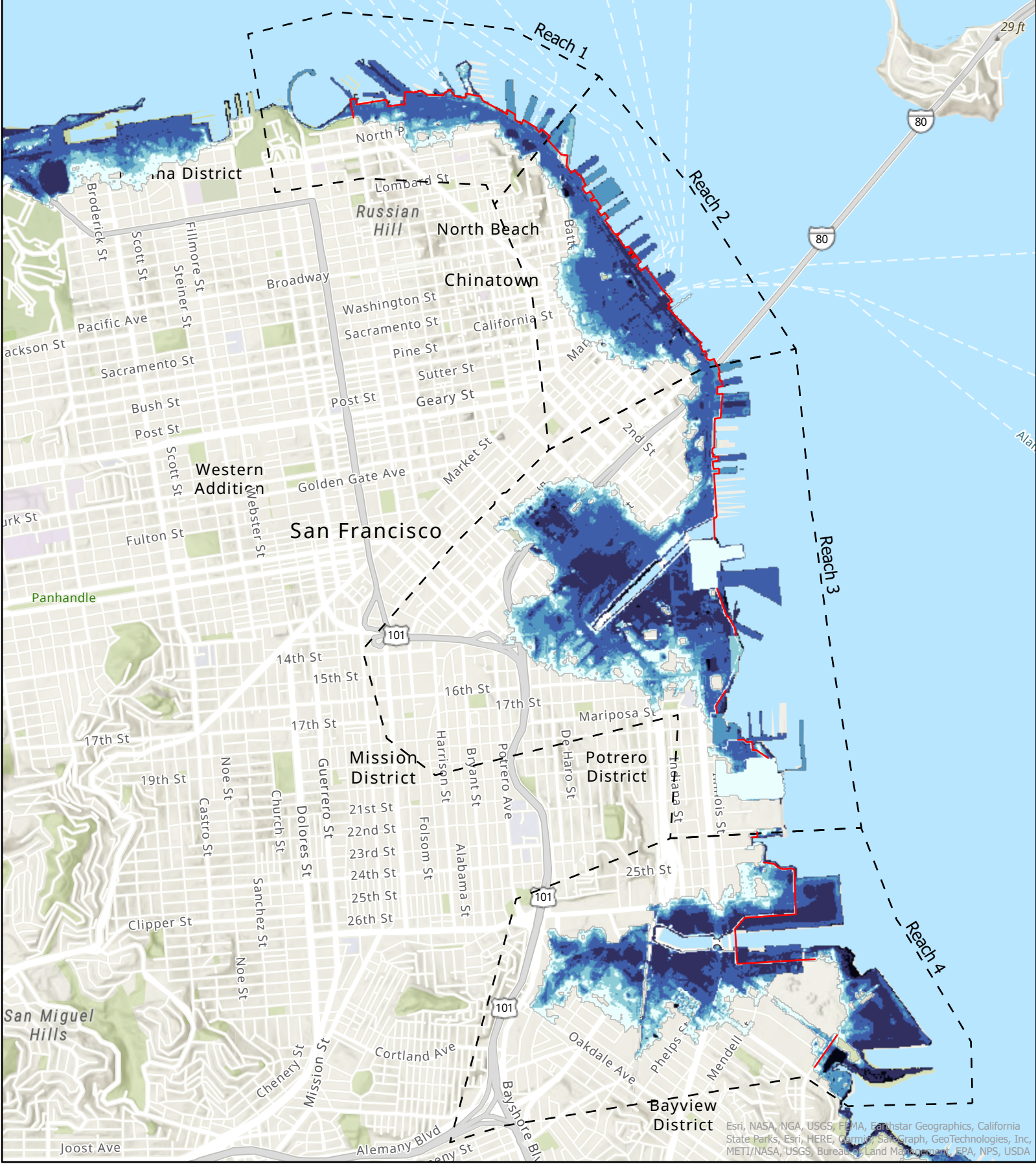
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 USACE High Curve  
 Time Horizon: 2140  
 Monthly  
 108.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







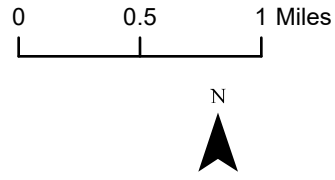
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Alternative F  
 OPC Likely Curve  
 Time Horizon: 2040  
 Monthly  
 9.6 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







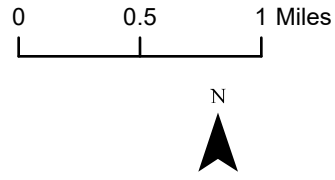
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC Likely Curve  
 Time Horizon: 2065  
 Monthly  
 21.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC Likely Curve  
 Time Horizon: 2090  
 Monthly  
 35.18 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







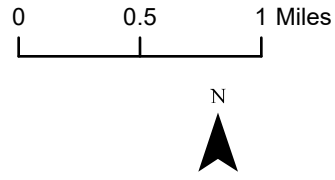
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC Likely Curve  
 Time Horizon: 2115  
 Monthly  
 49.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

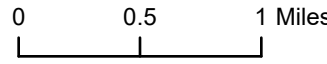
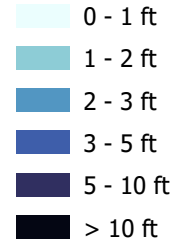






Alternative F  
 OPC Likely Curve  
 Time Horizon: 2140  
 Monthly  
 63.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 USACE Reaches



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA

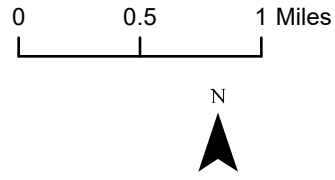




Alternative F  
 OPC 1:200 Curve  
 Time Horizon: 2040  
 Monthly  
 16.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC 1:200 Curve  
 Time Horizon: 2065  
 Monthly  
 39.21 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC 1:200 Curve  
 Time Horizon: 2090  
 Monthly  
 69.74 inches of SLC  
 Moves: 2040 only

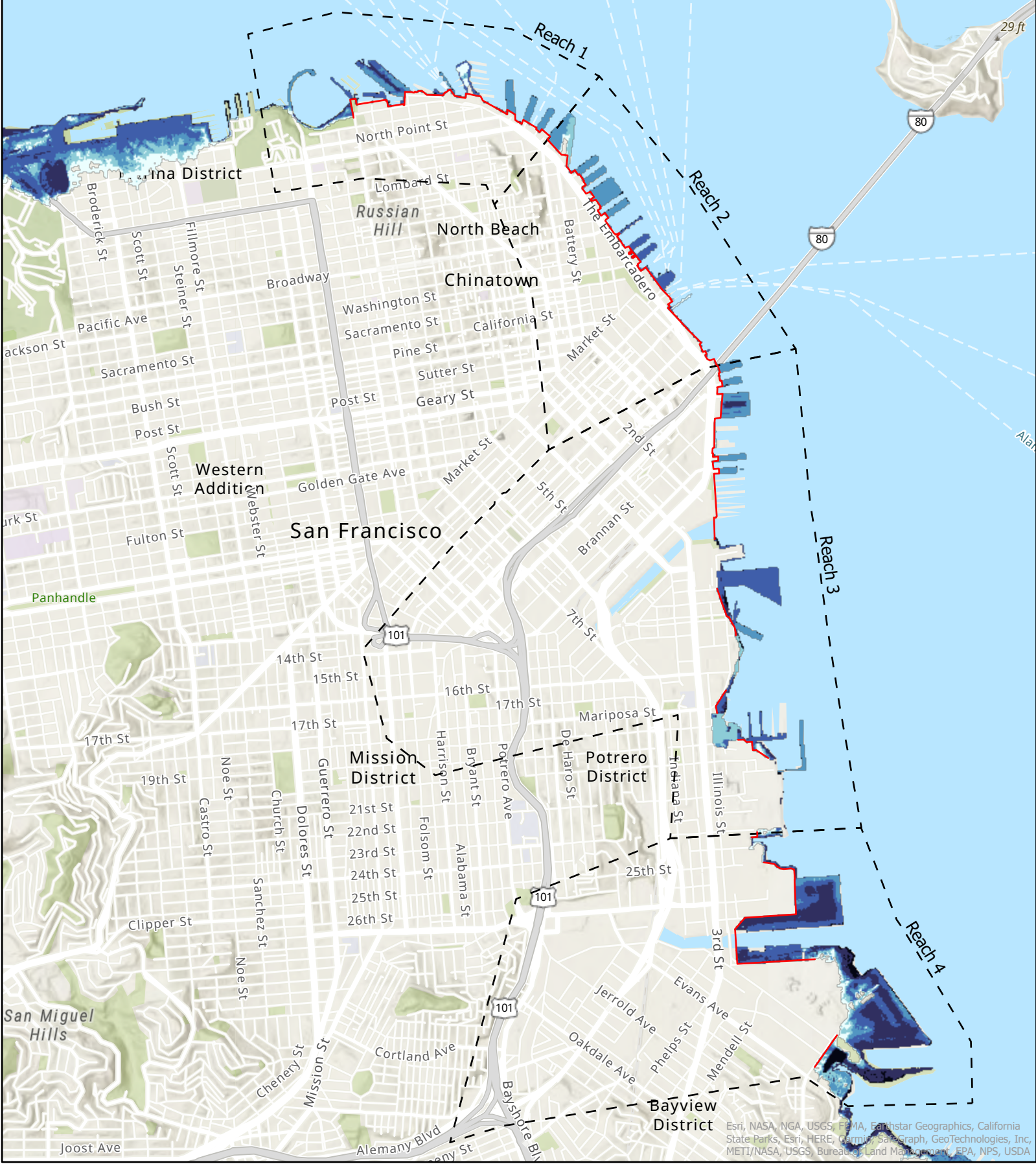
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC 1:200 Curve  
 Time Horizon: 2115  
 Monthly  
 103.04 inches of SLC  
 Moves: 2040 only

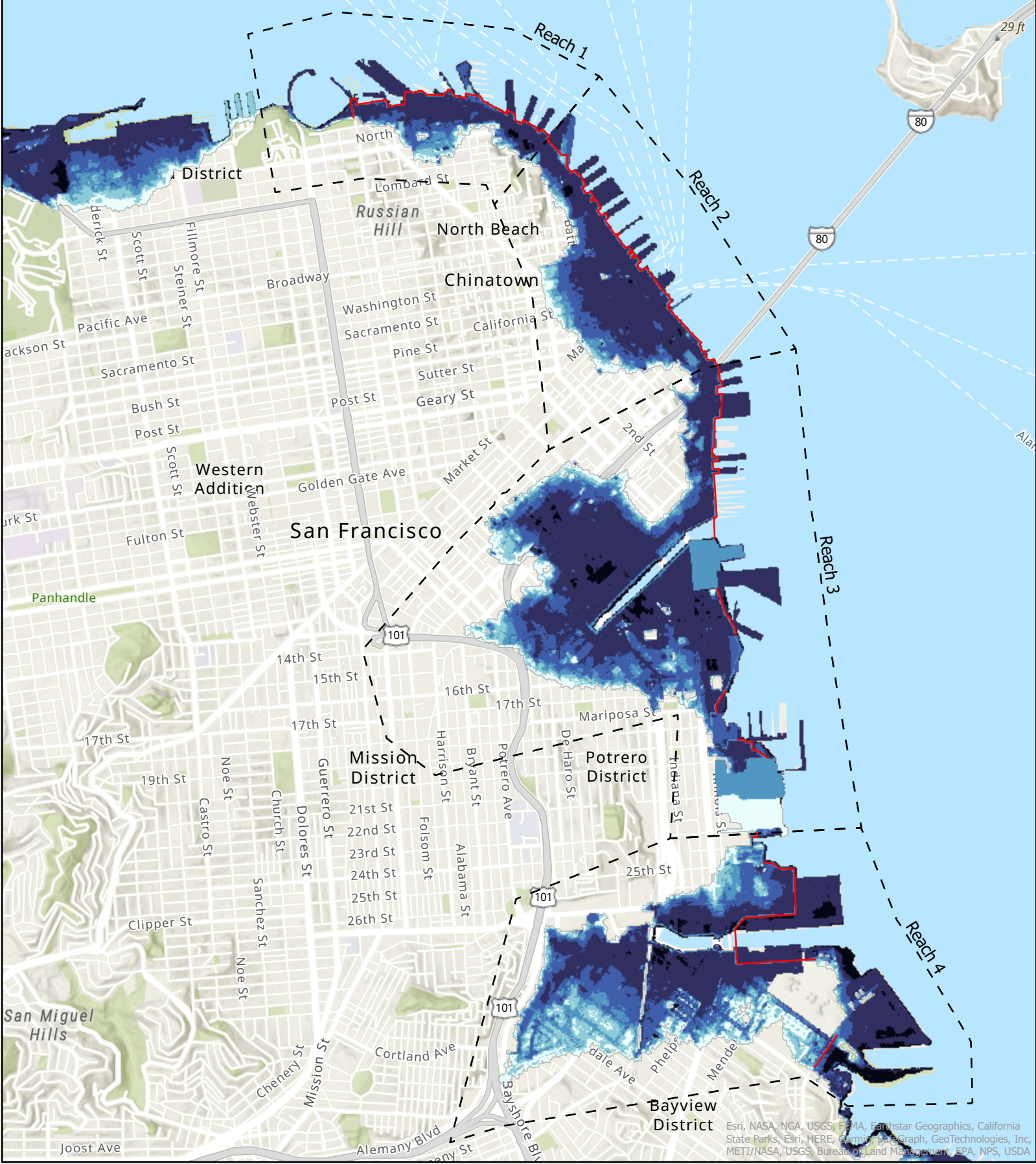
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative F  
 OPC 1:200 Curve  
 Time Horizon: 2140  
 Monthly  
 140.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



# **Alternative G**



**1% AEP**



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Low Curve  
 Time Horizon: 2040  
 1% AEP  
 3.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Low Curve  
 Time Horizon: 2065  
 1% AEP  
 5.17 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Low Curve  
 Time Horizon: 2090  
 1% AEP  
 7.2 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Low Curve  
 Time Horizon: 2115  
 1% AEP  
 9.13 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Low Curve  
 Time Horizon: 2140  
 1% AEP  
 11.16 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Intermediate Curve  
 Time Horizon: 2040  
 1% AEP  
 5.52 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Intermediate Curve  
 Time Horizon: 2065  
 1% AEP  
 10.75 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Intermediate Curve  
 Time Horizon: 2090  
 1% AEP  
 17.28 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Intermediate Curve  
 Time Horizon: 2115  
 1% AEP  
 25.15 inches of SLC  
 Moves: 2040 only

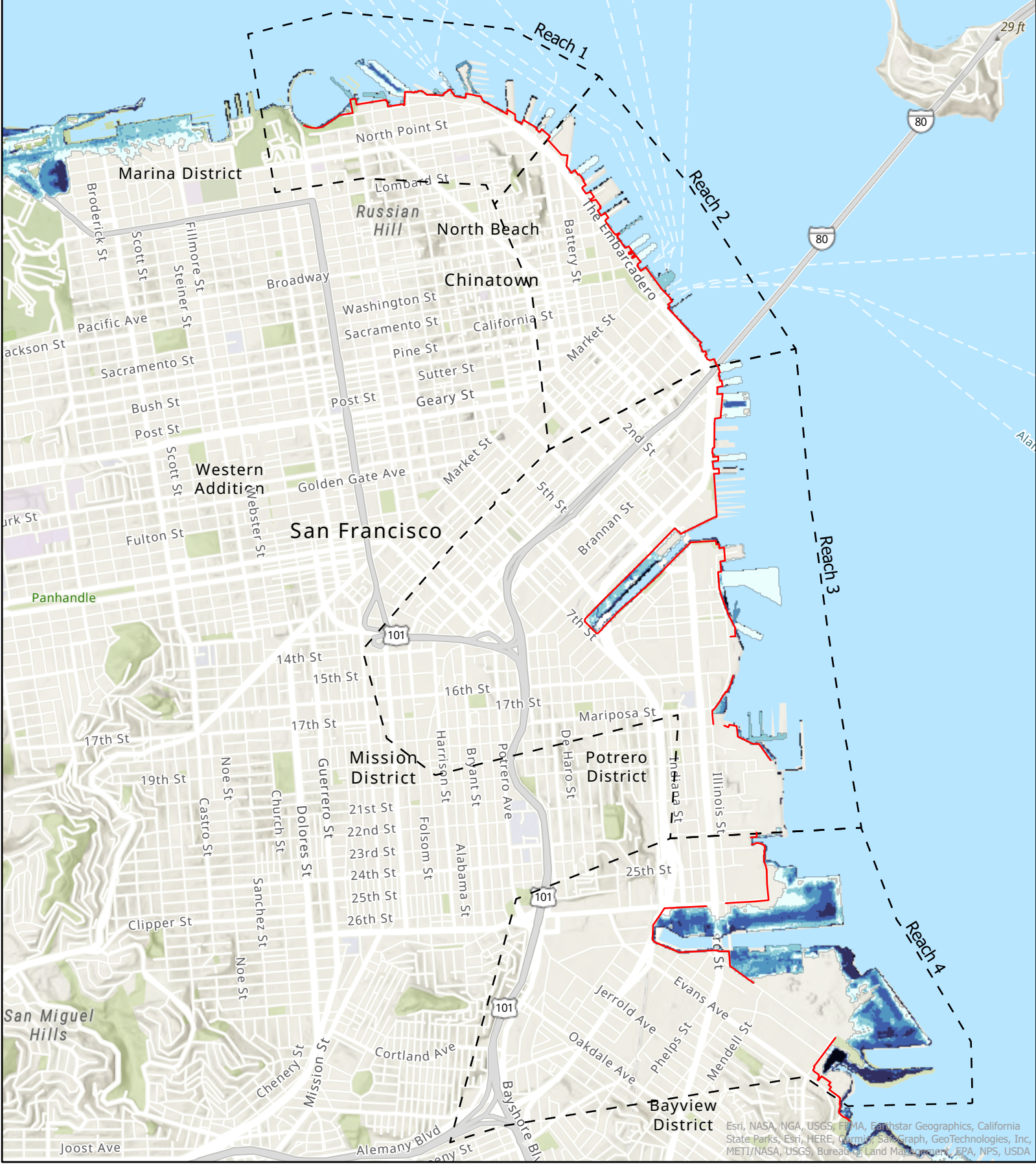
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Alternative G  
 USACE Intermediate Curve  
 Time Horizon: 2140  
 1% AEP  
 34.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





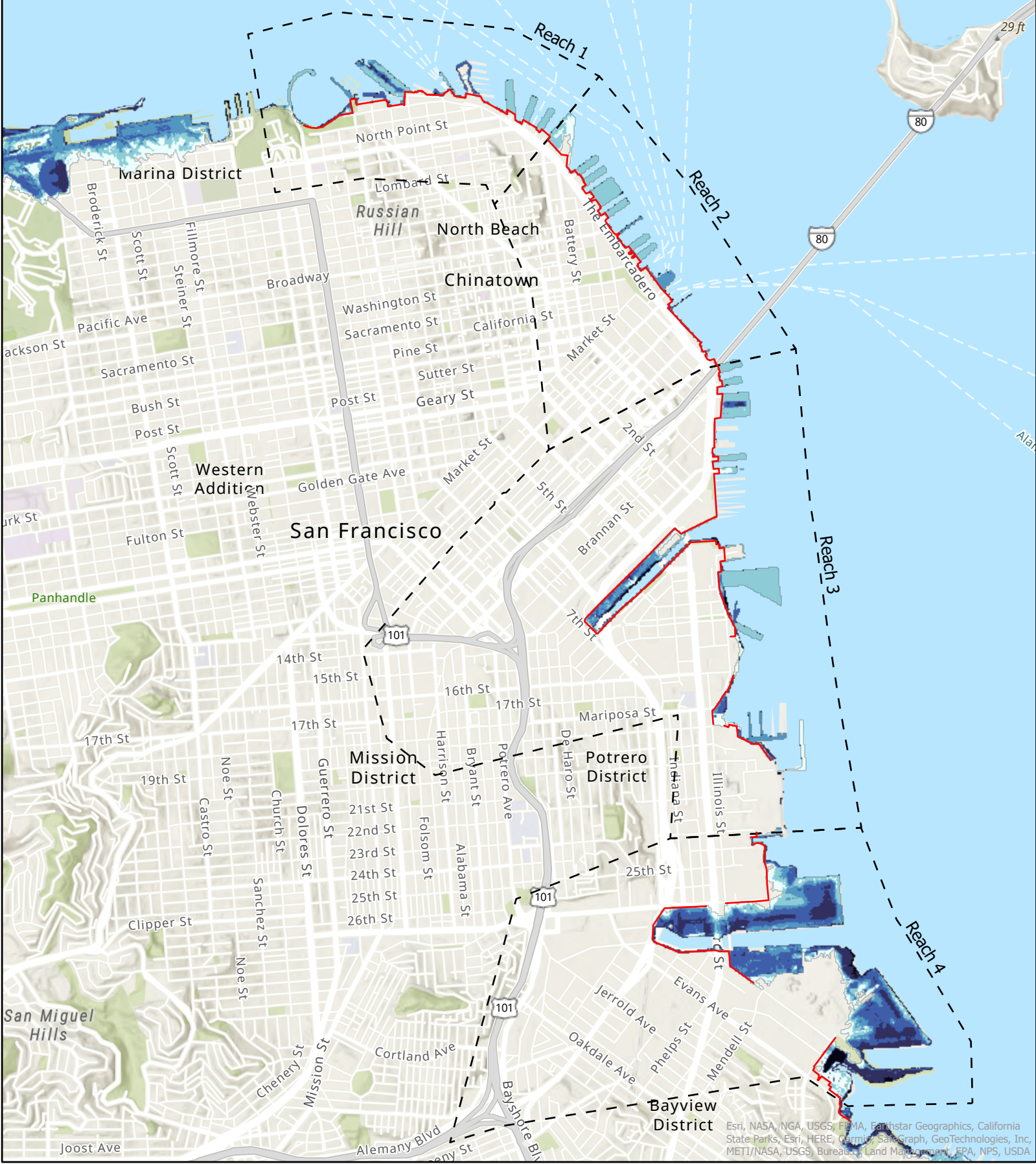
Alternative G  
 USACE High Curve  
 Time Horizon: 2065  
 1% AEP  
 28.51 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles  
 N





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE High Curve  
 Time Horizon: 2090  
 1% AEP  
 49.56 inches of SLC  
 Moves: 2040 only

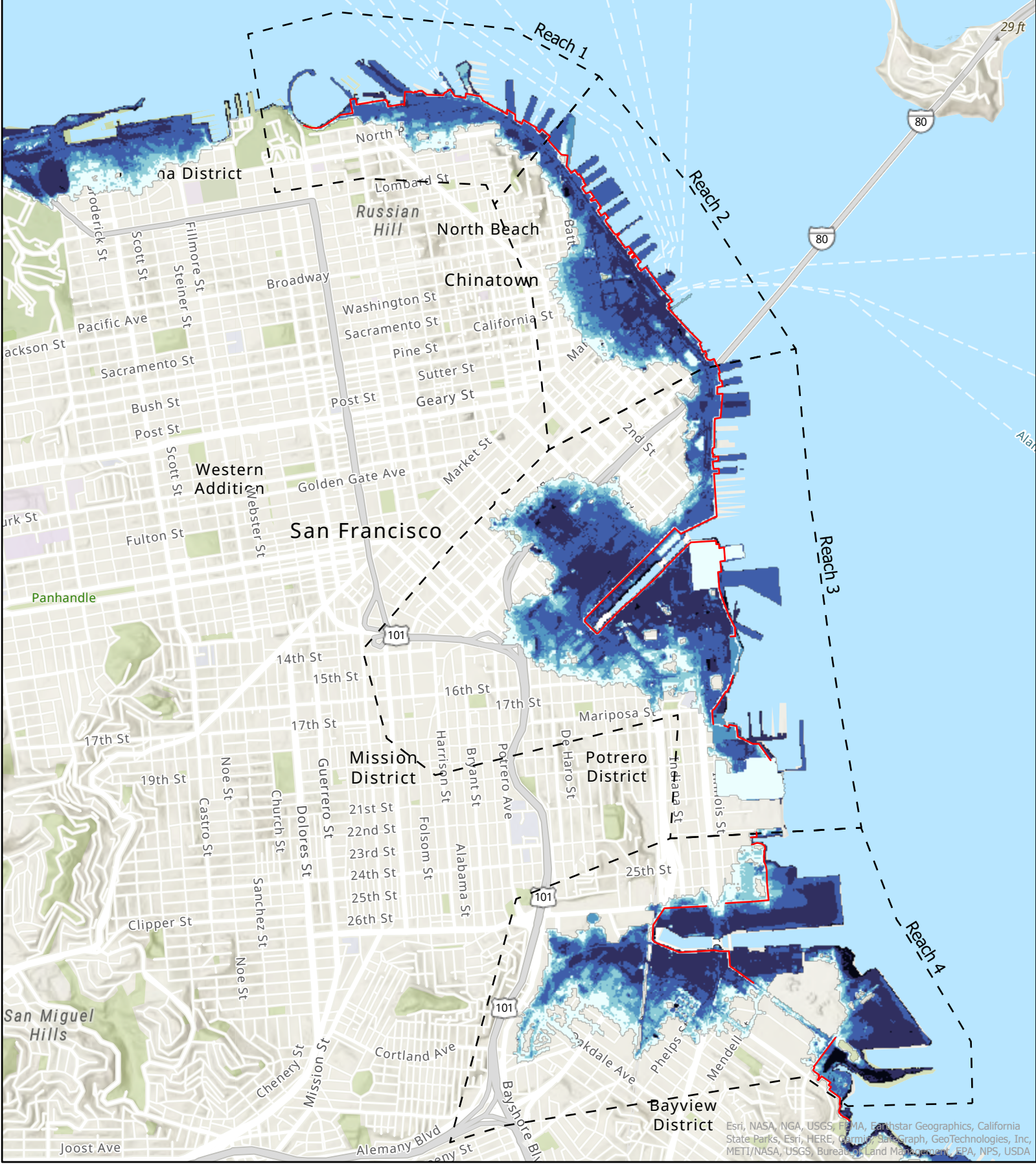
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE High Curve  
 Time Horizon: 2115  
 1% AEP  
 76.1 inches of SLC  
 Moves: 2040 only

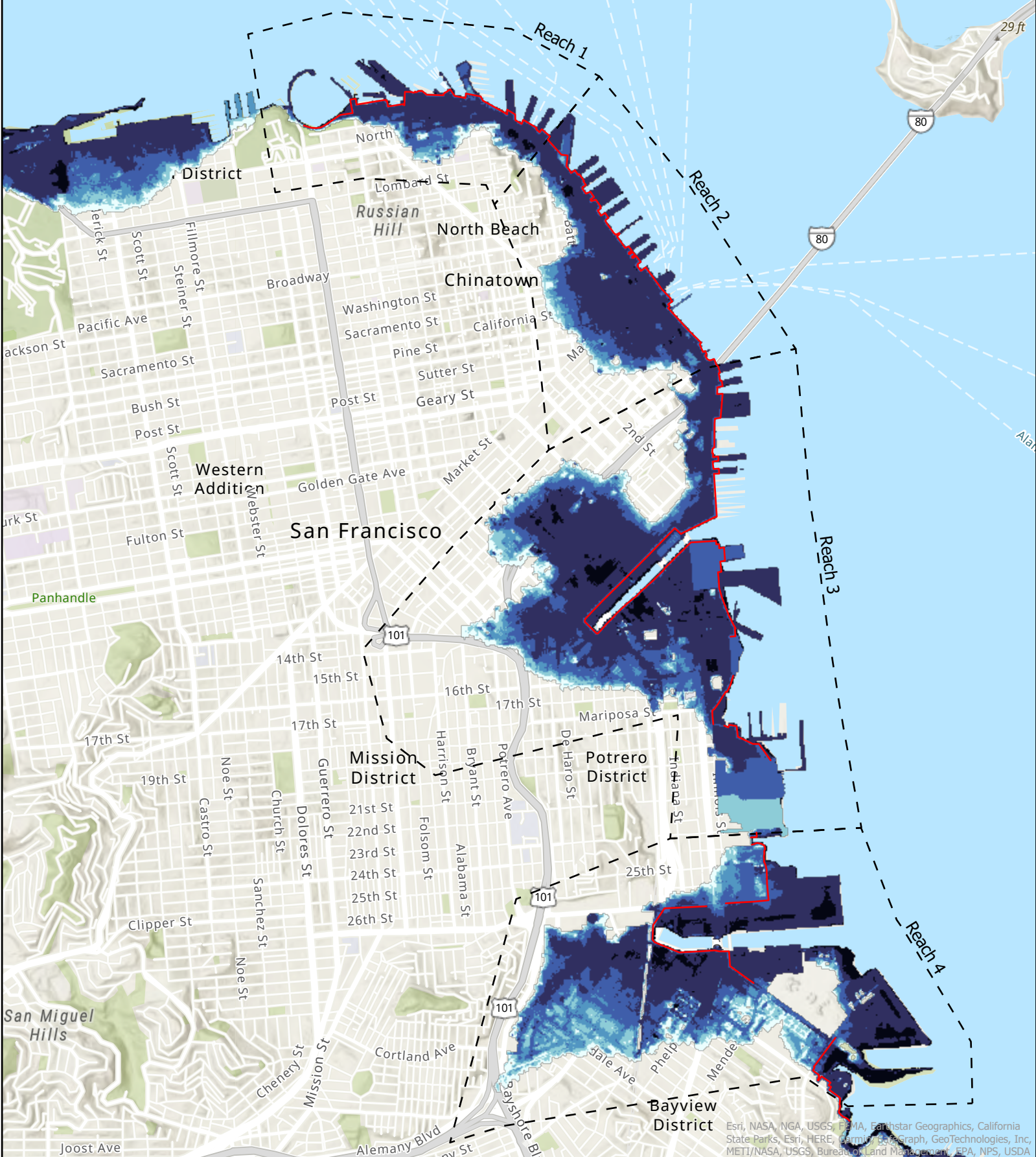
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, DeLorme, GeoGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE High Curve  
 Time Horizon: 2140  
 1% AEP  
 108.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC Likely Curve  
 Time Horizon: 2040  
 1% AEP  
 9.6 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC Likely Curve  
 Time Horizon: 2065  
 1% AEP  
 21.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC Likely Curve  
 Time Horizon: 2090  
 1% AEP  
 35.18 inches of SLC  
 Moves: 2040 only

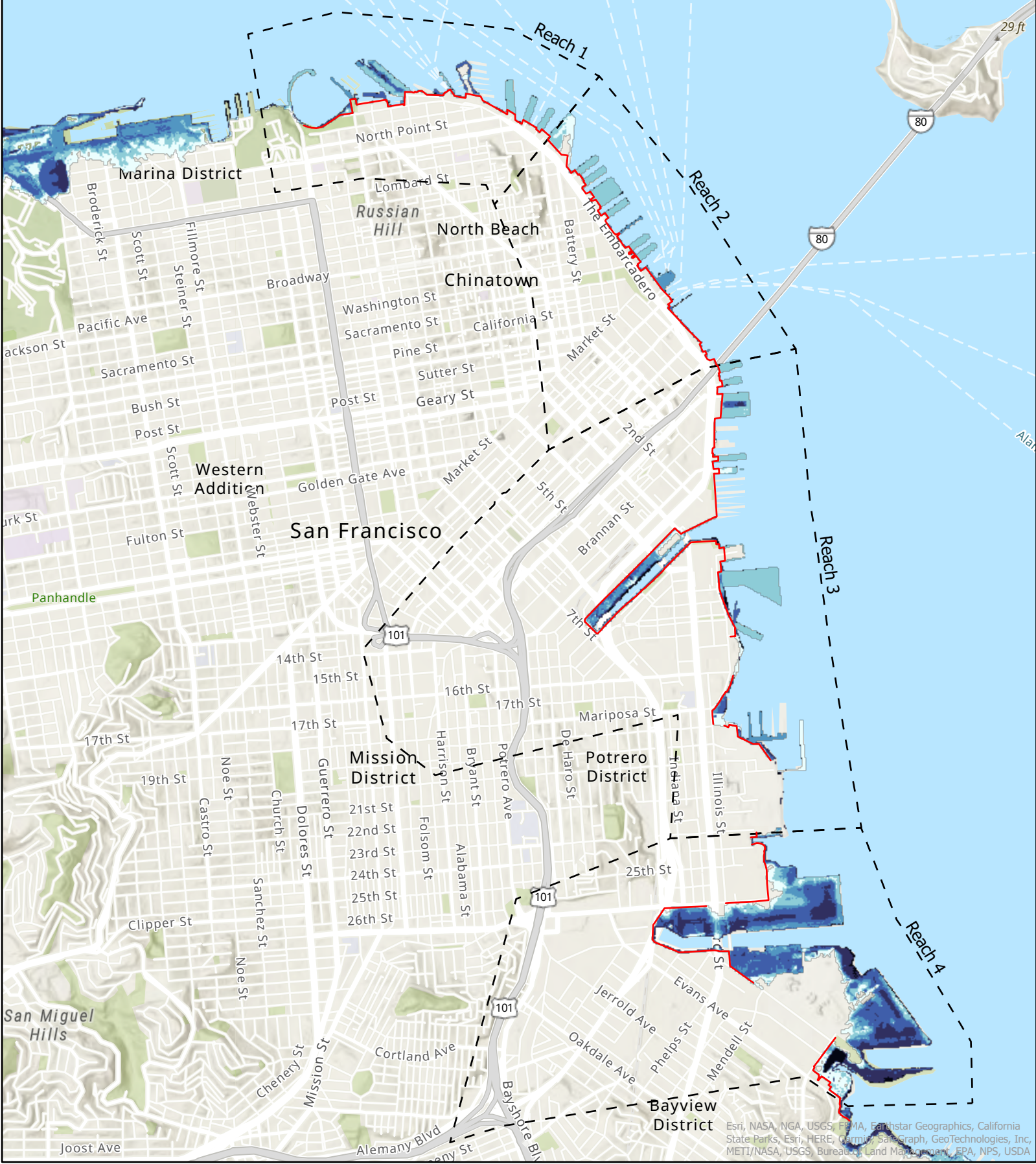
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC Likely Curve  
 Time Horizon: 2115  
 1% AEP  
 49.3 inches of SLC  
 Moves: 2040 only

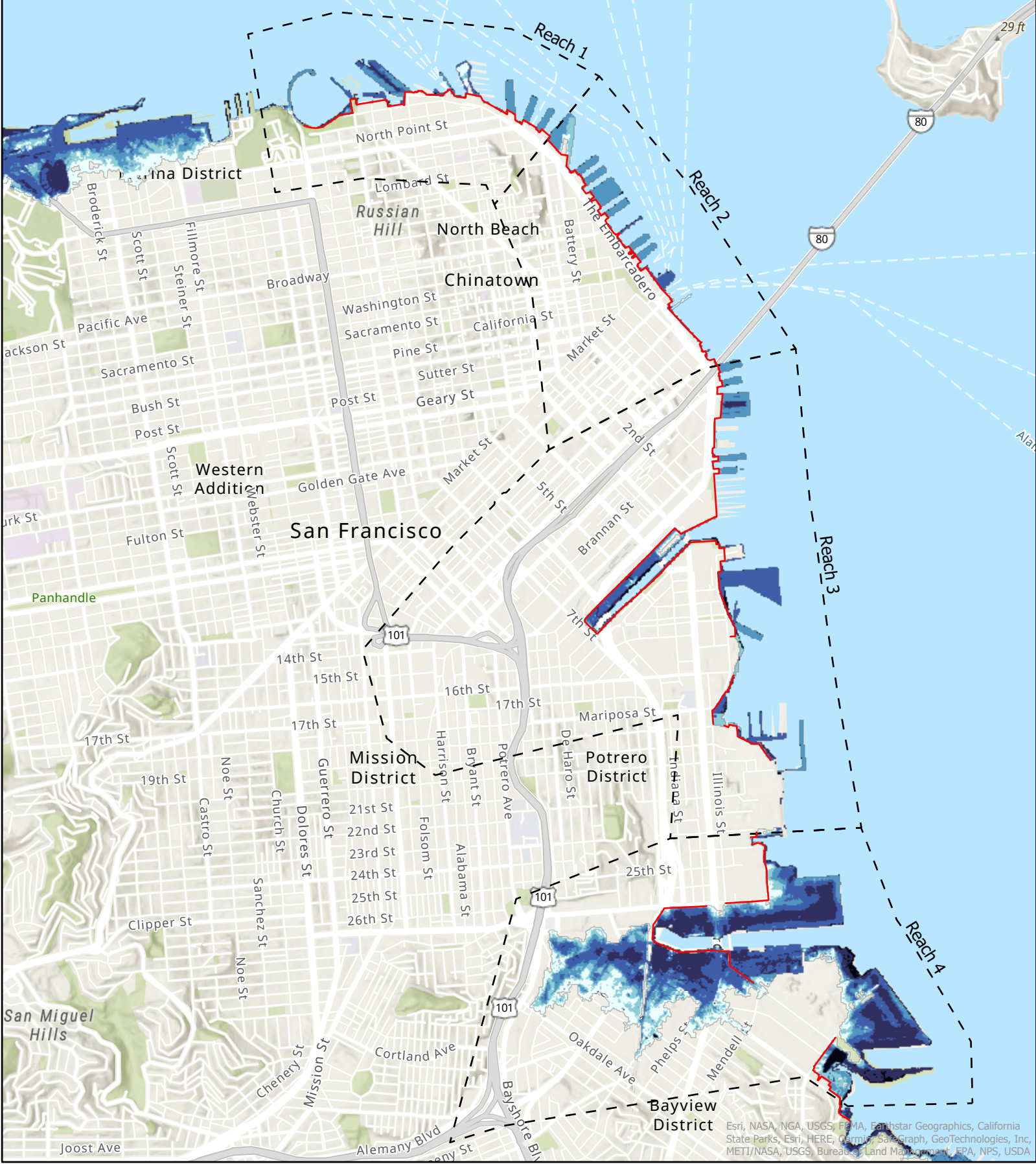
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC Likely Curve  
 Time Horizon: 2140  
 1% AEP  
 63.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC 1:200 Curve  
 Time Horizon: 2040  
 1% AEP  
 16.32 inches of SLC  
 Moves: 2040 only

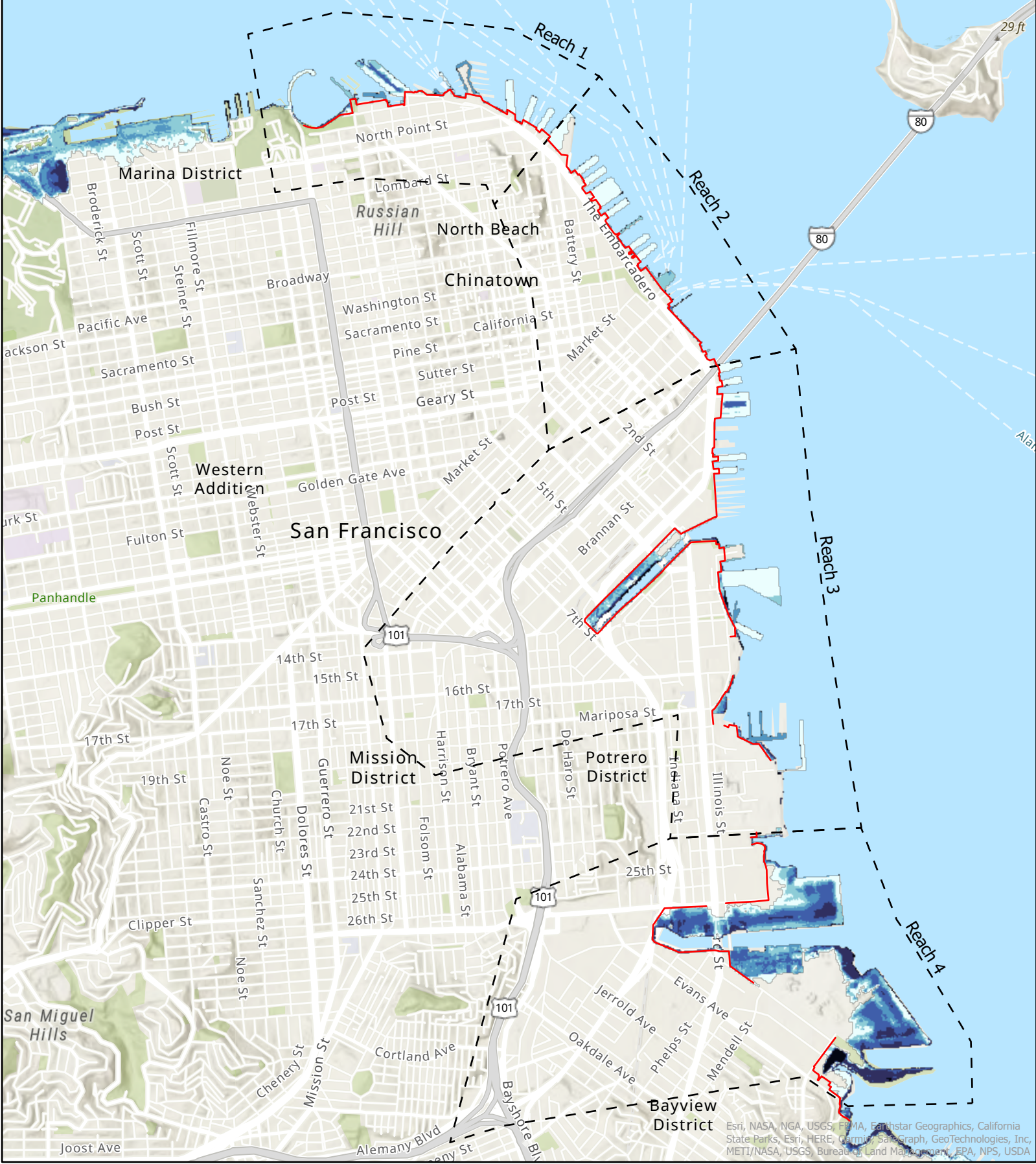
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



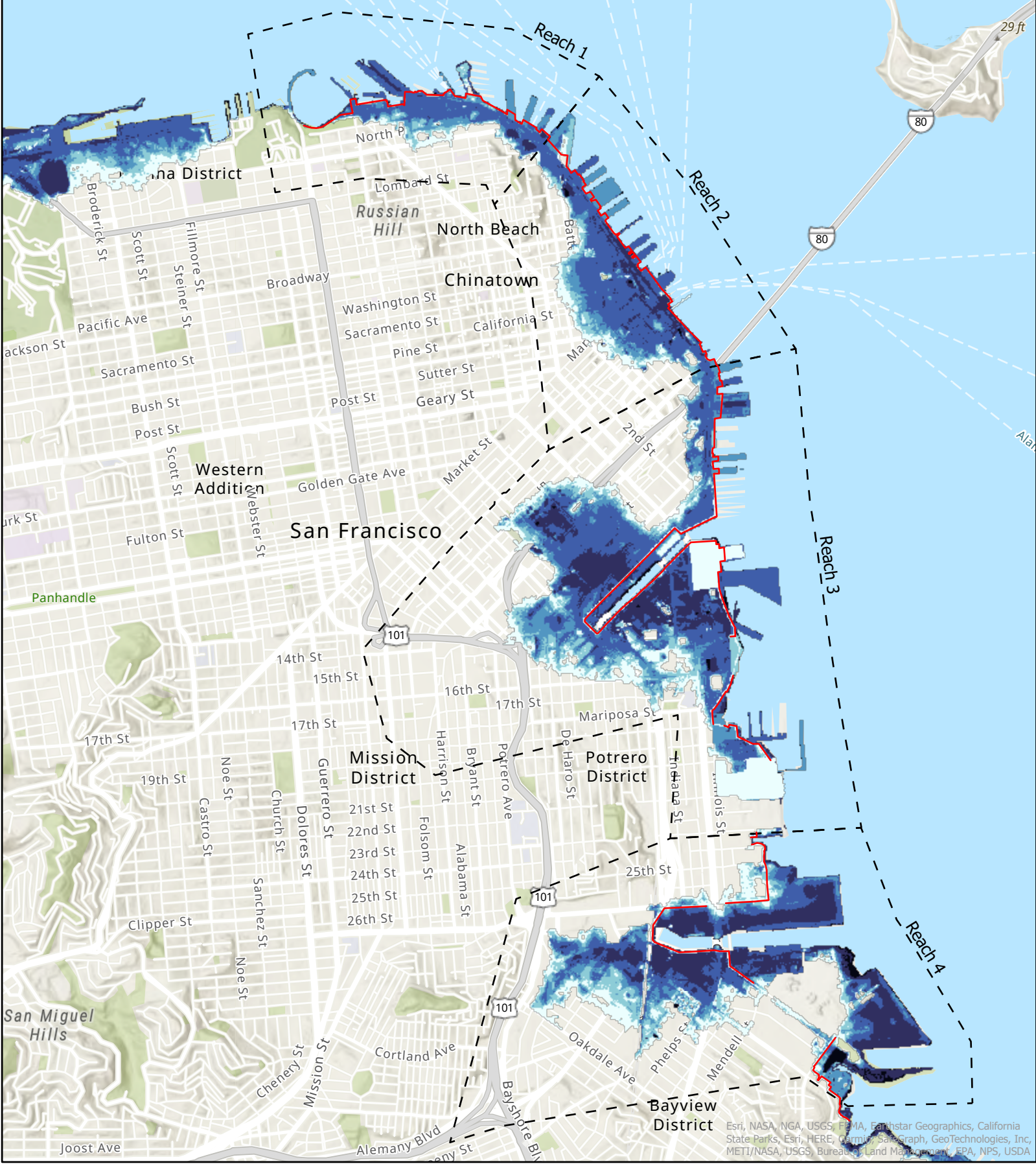
Alternative G  
 OPC 1:200 Curve  
 Time Horizon: 2065  
 1% AEP  
 39.21 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

- 0 - 1 ft
- 1 - 2 ft
- 2 - 3 ft
- 3 - 5 ft
- 5 - 10 ft
- > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC 1:200 Curve  
 Time Horizon: 2090  
 1% AEP  
 69.74 inches of SLC  
 Moves: 2040 only

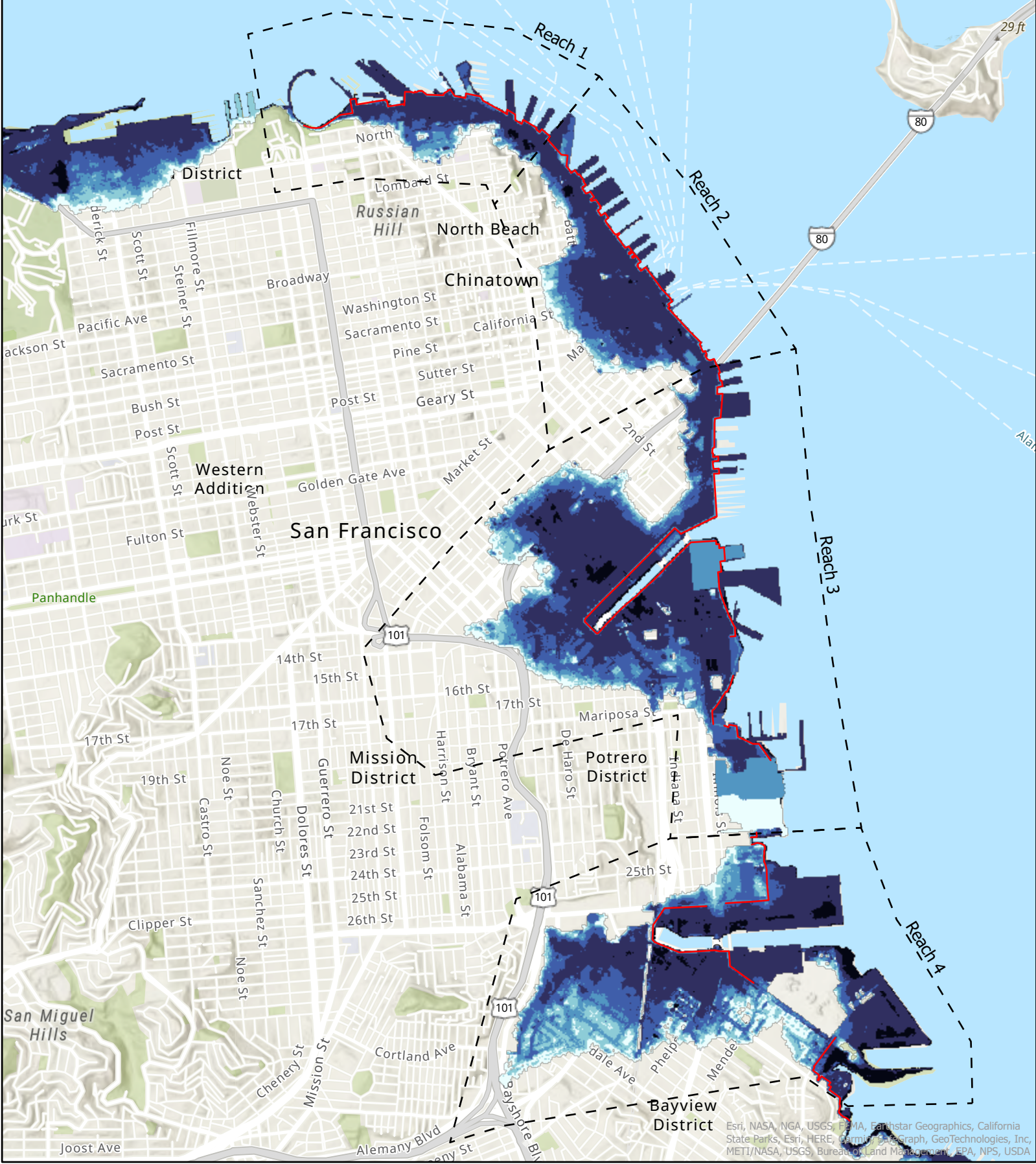
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, DeLorme, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC 1:200 Curve  
 Time Horizon: 2115  
 1% AEP  
 103.04 inches of SLC  
 Moves: 2040 only

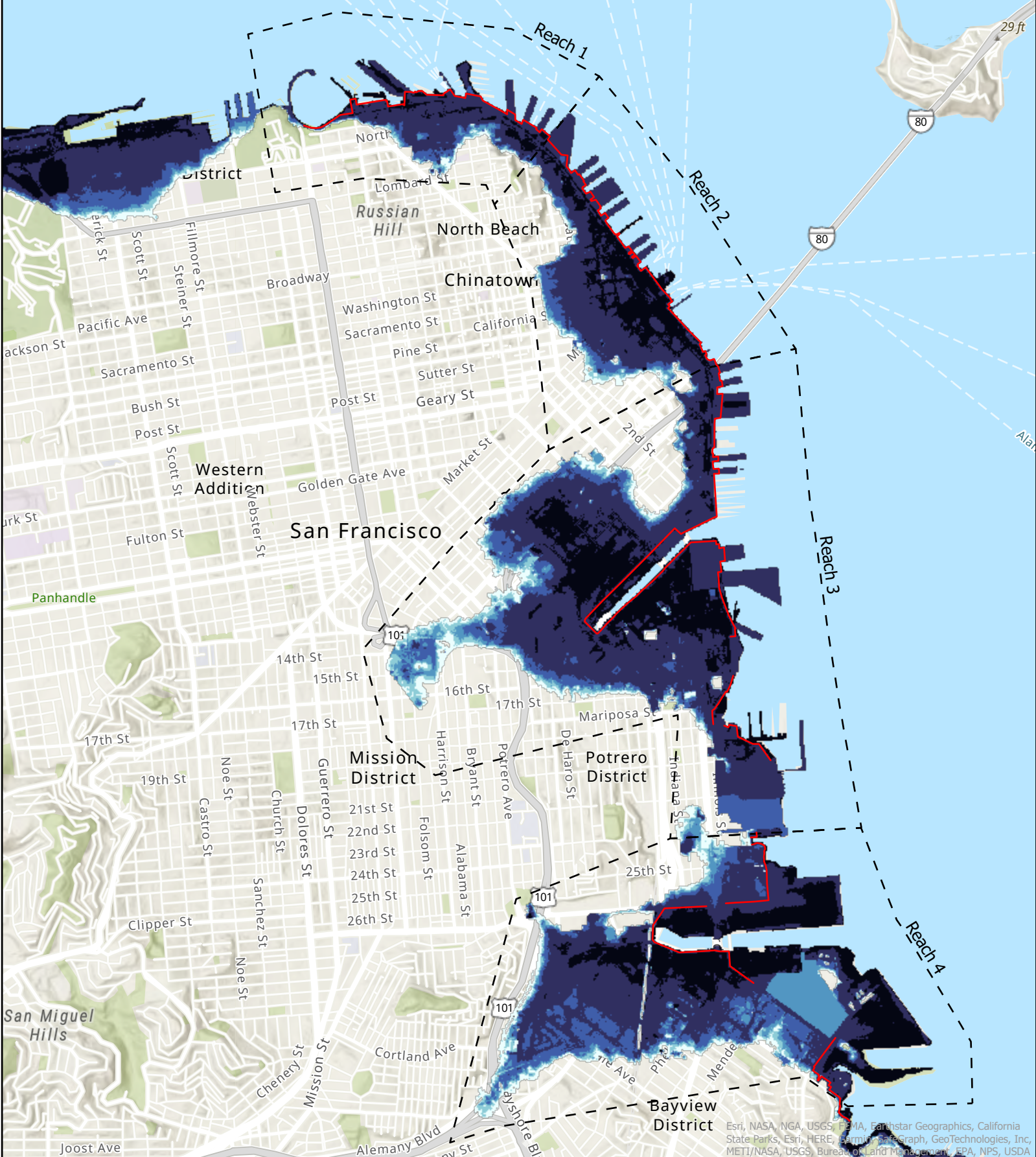
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, DeLorme, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC 1:200 Curve  
 Time Horizon: 2140  
 1% AEP  
 140.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft





**Monthly**



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Low Curve  
 Time Horizon: 2040  
 Monthly  
 3.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Low Curve  
 Time Horizon: 2065  
 Monthly  
 5.17 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Low Curve  
 Time Horizon: 2090  
 Monthly  
 7.2 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Low Curve  
 Time Horizon: 2115  
 Monthly  
 9.13 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Low Curve  
 Time Horizon: 2140  
 Monthly  
 11.16 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



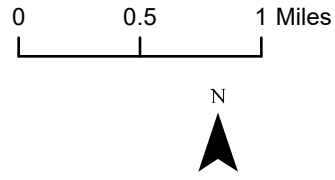




Alternative G  
 USACE Intermediate Curve  
 Time Horizon: 2040  
 Monthly  
 5.52 inches of SLC  
 Moves: 2040 only

— Line of Defense  
  USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Intermediate Curve  
 Time Horizon: 2065  
 Monthly  
 10.75 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Intermediate Curve  
 Time Horizon: 2090  
 Monthly  
 17.28 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Intermediate Curve  
 Time Horizon: 2115  
 Monthly  
 25.15 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE Intermediate Curve  
 Time Horizon: 2140  
 Monthly  
 34.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire Graph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE High Curve  
 Time Horizon: 2040  
 Monthly  
 13.08 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles



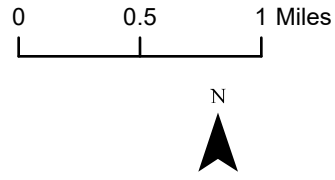




Alternative G  
 USACE High Curve  
 Time Horizon: 2065  
 Monthly  
 28.51 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swisstopo, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE High Curve  
 Time Horizon: 2090  
 Monthly  
 49.56 inches of SLC  
 Moves: 2040 only

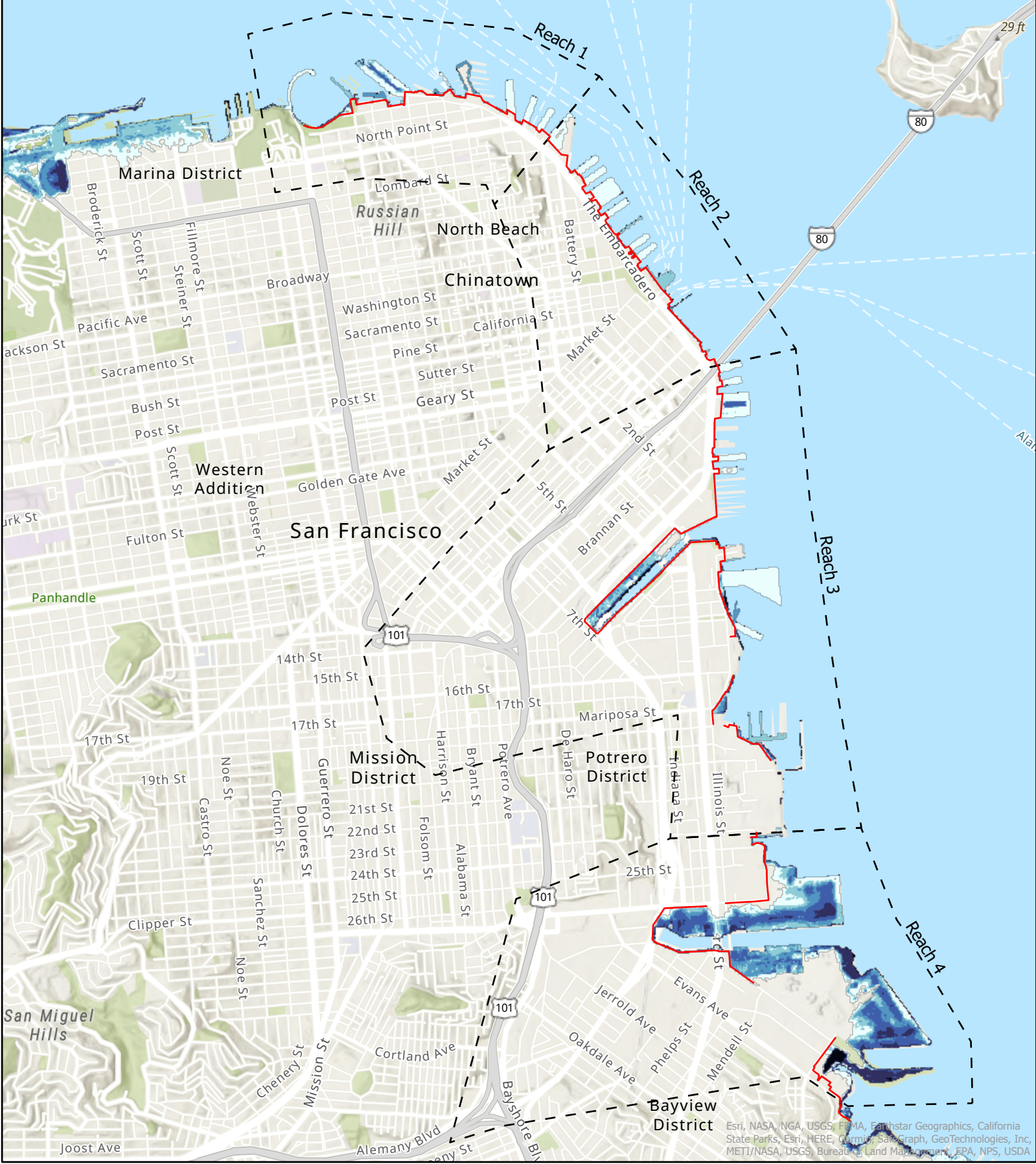
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE High Curve  
 Time Horizon: 2115  
 Monthly  
 76.1 inches of SLC  
 Moves: 2040 only

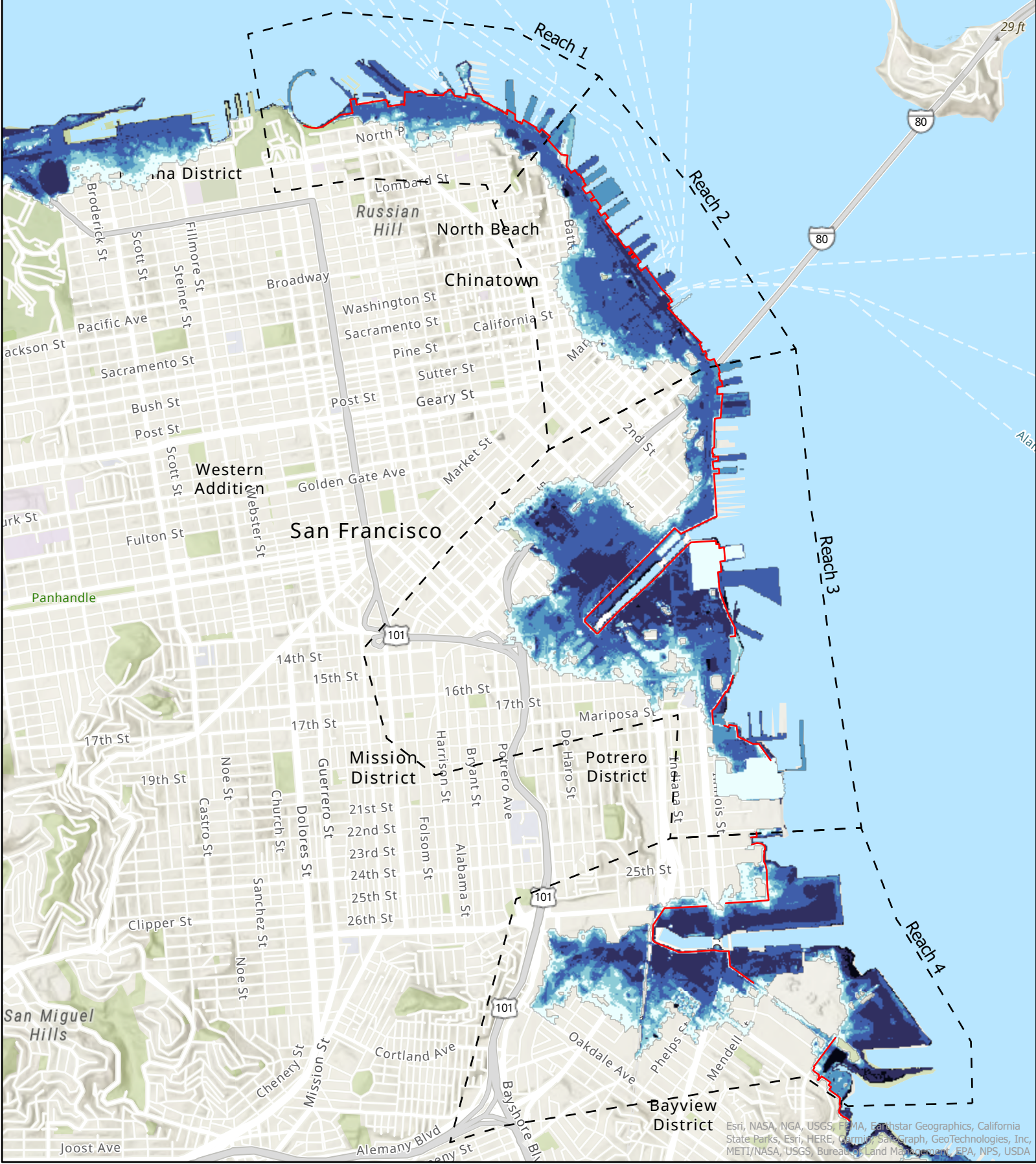
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 USACE High Curve  
 Time Horizon: 2140  
 Monthly  
 108.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







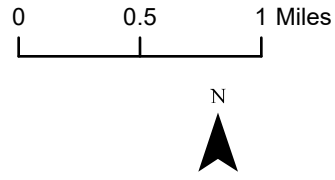
Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC Likely Curve  
 Time Horizon: 2040  
 Monthly  
 9.6 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC Likely Curve  
 Time Horizon: 2065  
 Monthly  
 21.24 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC Likely Curve  
 Time Horizon: 2090  
 Monthly  
 35.18 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC Likely Curve  
 Time Horizon: 2115  
 Monthly  
 49.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC Likely Curve  
 Time Horizon: 2140  
 Monthly  
 63.74 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

- 0 - 1 ft
- 1 - 2 ft
- 2 - 3 ft
- 3 - 5 ft
- 5 - 10 ft
- > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC 1:200 Curve  
 Time Horizon: 2040  
 Monthly  
 16.32 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, Swire, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC 1:200 Curve  
 Time Horizon: 2065  
 Monthly  
 39.21 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



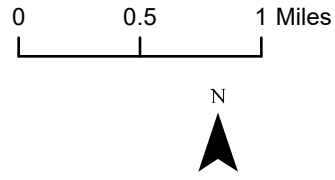




Alternative G  
 OPC 1:200 Curve  
 Time Horizon: 2090  
 Monthly  
 69.74 inches of SLC  
 Moves: 2040 only

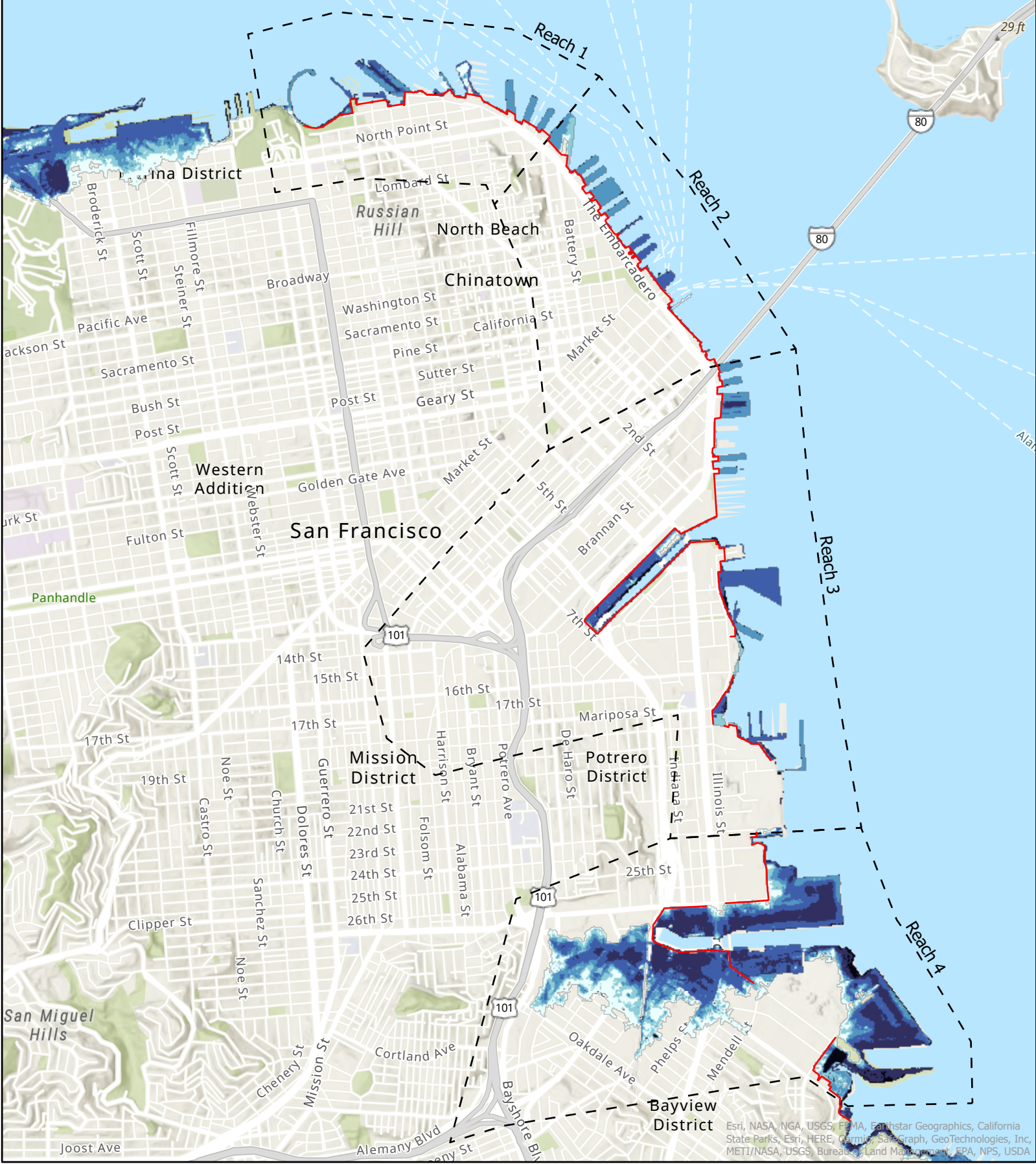
— Line of Defense  
  USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft



Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwatchGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA





Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC 1:200 Curve  
 Time Horizon: 2115  
 Monthly  
 103.04 inches of SLC  
 Moves: 2040 only

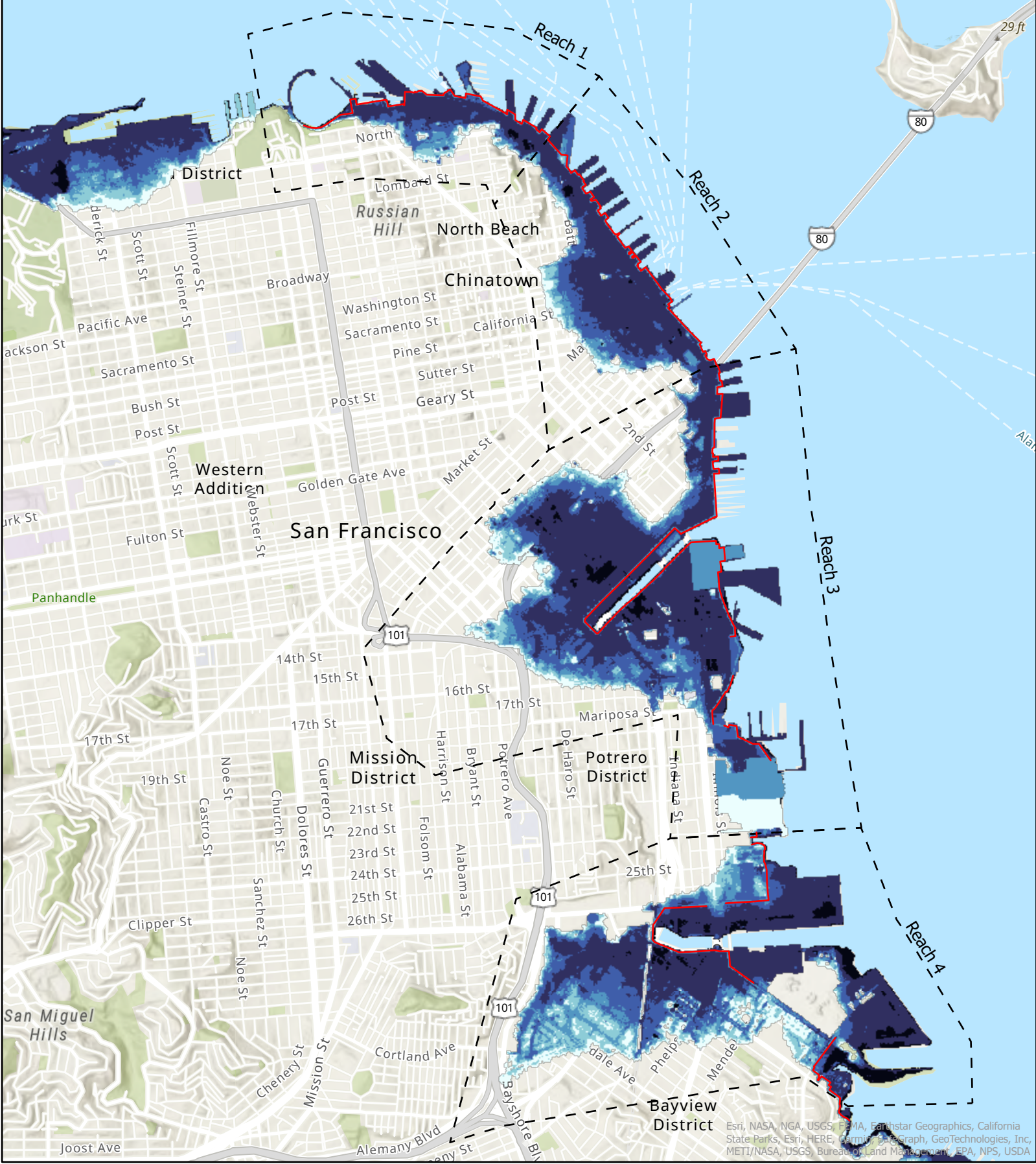
— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

0 0.5 1 Miles







Esri, NASA, NGA, USGS, FEMA, Earthstar Geographics, California State Parks, Esri, HERE, Garmin, SwireGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA



Alternative G  
 OPC 1:200 Curve  
 Time Horizon: 2140  
 Monthly  
 140.3 inches of SLC  
 Moves: 2040 only

— Line of Defense  
 - - - USACE Reaches

0 - 1 ft  
 1 - 2 ft  
 2 - 3 ft  
 3 - 5 ft  
 5 - 10 ft  
 > 10 ft

