Sonoma County
Local Coastal Plan
Tsunami and Sea Level Rise Hazards

Inundation Hazard Areas
Potential Sea Level Rise by 2100
Potential Sea Level Rise by 2100 - 100 Year Storm

Base Map Layers
Coastal SubArea
Park/Public Land
Parcel
Coastal Zone Boundary
Highway
Road
Perennial Stream
Intermittent Stream

Local Coastal Plan SubAreas
SubArea 1 The Sea Ranch North
SubArea 2 The Sea Ranch South
SubArea 3 Stewart's Point/Horseshoe Cove
SubArea 4 Salt Point
SubArea 5 Timber Cove/Fort Ross
SubArea 6 High Cliffs/Muir-Jenner
SubArea 7 Duncans Mills
SubArea 8 Pacific View/Willow Creek
SubArea 9 State Beach/Bodega Bay
SubArea 10 Valley Ford

SubArea 1 The Sea Ranch North
SubArea 2 The Sea Ranch South

FIGURE C-PS-3a
Tsunami and Sea Level Rise Hazards
SubArea 1
The Sea Ranch North

Note:
Map scale and reproduction methods limit precision in physical features displayed. The parcels contained herein are not intended to represent surveyed data. In some areas the Coastal Zone Boundary is not in alignment with the coastline. This map is for illustrative purposes only and does not reflect all policies. Site-specific studies are required to draw parcel-specific conclusions.

Data Source: Sonoma County PRMD GIS; Sea Level Rise data obtained from Our Coast, Our Future (OCOF)

Author: PRMD Cartography: J. Sawamura
Date: 6/3/2019

Local Coastal Plan SubAreas

- SubArea 1 The Sea Ranch North
- SubArea 2 The Sea Ranch South
- SubArea 3 Stewart's Point/Horseshoe Cove
- SubArea 4 Salt Point
- SubArea 5 Timber Cove/Fort Ross
- SubArea 6 High Cliffs/Munz-Jenner
- SubArea 7 Duncans Mills
- SubArea 8 Pacific View/Willow Creek
- SubArea 9 State Beach/Bodega Bay
- SubArea 10 Valley Ford

Tsunami and Sea Level Rise Hazards

Potential Sea Level Rise by 2100

- 1000 cm
- 750 cm
- 500 cm
- 250 cm
- 0 cm

1 cm = .3937 inch

Note:
Map scale and reproduction methods limit precision in physical features displayed. The parcels contained herein are not intended to represent surveyed data. In some areas the parcel boundaries in the County parcel base do not align with the actual coastline. This map is for illustrative purposes only and does not reflect all policies. Site-specific studies are required to draw parcel-specific conclusions.

Data Source: Sonoma County PRMD GIS, Sea Level Rise data obtained from Our Coast, Our Future (OCOF)
Local Coastal Plan SubAreas

- SubArea 1 The Sea Ranch North
- SubArea 2 The Sea Ranch South
- SubArea 3 Stewart's Point/Horseshoe Cove
- SubArea 4 Salt Point
- SubArea 5 Timber Cove/Fort Ross
- SubArea 6 High Cliffs/Muniz-Jenner
- SubArea 7 Duncans Mills
- SubArea 8 Pacific View/Willow Creek
- SubArea 9 State Beach/Bodega Bay
- SubArea 10 Valley Ford

Note:

- Map scale and reproduction methods limit precision in physical features displayed. The parcels contained herein are not intended to represent surveyed data. In some areas the County’s parcel base is not in alignment with the coastline. This map is for illustrative purposes only and does not reflect all policies. Site-specific studies are required to draw parcel-specific conclusions.

Data Source: Sonoma County PRMD GIS. Sea Level Rise data obtained from Our Coast, Our Future (OCOF).

Stillwater Cove* = location according to County of Sonoma
Stillwater Cove** = location according to U.S. Geological Survey Map

Author: PRMD Cartography: J. Samuel File Number: S:\GIS\GIS\PRMD\Department\Projects\Comprehensive Planning\Local Coastal PlanMap and ePublic Review Staff\Figure C-PS-3e_Publish 6-3-19

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Sonoma County
Local Coastal Plan

Tsunami and Sea Level Rise Hazards

Inundation Hazard Areas

Base Map Layers
- Coastal SubArea
- Park/Public Land
- Parcel
- Coastal Zone Boundary
- Highway
- Road
- Perennial Stream
- Intermittent Stream

Potential Sea Level Rise by 2100

Potential Sea Level Rise by 2100 - 100 Year Storm

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FIGURE C-PS-3e
Tsunami and Sea Level Rise Hazards
SubArea 5 Timber Cove/Fort Ross

Sonoma County
Not e:

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Data Source: Sonoma County PRMD GIS. Sea Level Rise data obtained from Our Coast, Our Future (OCOF).

Stillwater Cove* = location according to County of Sonoma
Stillwater Cove** = location according to U.S. Geological Survey Map

Author: PRMD Cartography: J. Samuel File Number: S:\GIS\GIS\PRMD\Department\Projects\Comprehensive Planning\Local Coastal PlanMap and ePublic Review Staff\Figure C-PS-3e_Publish 6-3-19

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SubArea 6
Highcliffs/Muniz-Jenner

SubArea 5
Timber Cove/Fort Ross

SubArea 4
Salt Point

SubArea 3
Stewart's Point/Horseshoe Cove

SubArea 2
The Sea Ranch South

SubArea 1
The Sea Ranch North

SubArea 10
Valley Ford

SubArea 9
State Beach/Bodega Bay

SubArea 8
Pacific View/Willow Creek

SubArea 7
Duncans Mills

SubArea 6
High Cliffs/Muniz-Jenner

SubArea 8
Pacific View/Willow Creek

Duncans Mills

Local Coastal Plan SubAreas

Sonoma County
Local Coastal Plan
Flood Hazards

Flood Hazard Areas
- Floodway
- Floodplain

Base Map Layers
- Coastal SubArea
- Park/Public Land
- Parcel
- Coastal Zone Boundary
- Highway
- Road
- Perennial Stream
- Intermittent Stream

Note:
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Data Source: Sonoma County PRMD GIS, Flood data obtained from the Federal Emergency Management Agency (FEMA).

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FIGURE C-PS-3g-ii
Flood Hazards
SubArea 7
Duncans Mills
Local Coastal Plan SubAreas

SubArea 1 The Sea Ranch North
SubArea 2 The Sea Ranch South
SubArea 3 Stewart’s Point/Horseshoe Cove
SubArea 4 Salt Point
SubArea 5 Timber Cove/Fort Ross
SubArea 6 High Cliff/Muniz-Jenner
SubArea 7 Duncans Mills
SubArea 8 Pacific View/Willow Creek
SubArea 9 State Beach/Bodega Bay
SubArea 10 Valley Ford

Note:
Map scale and reproduction methods limit precision in physical features displayed. The parcel boundaries shown are not intended to represent surveyed data. In some areas the parcel base is not in alignment with the coastline. This map is for illustrative purposes only and does not reflect all policies. Site-specific studies are required to draw parcel-specific conclusions.

Data Source: Sonoma County PRMD-GIS, Sea Level Rise data obtained from Our Coast, Our Future (OCOF). Tsunami data obtained from the California Geological Survey.

Author: PRMD Cartography: J. Samuel File Number: 3.000.0175PRMD_063003PRMD Department/Project/Compliance/Planning/Local Coastal PlanMap and Public Review DraftFigure C-PS-3h-i_PRM Date: 6/3/2019

FIGURE C-PS-3h-i
Tsunami and Sea Level Rise Hazards
SubArea 8
Pacific View/Willow Creek

Sonoma County
Local Coastal Plan
Tsunami and Sea Level Rise Hazards

Inundation Hazard Areas
Potential Tsunami Runup
Potential Sea Level Rise by 2100
Potential Sea Level Rise by 2100 - 100 Year Storm

Base Map Layers
Coastal SubArea
Park/Public Land
Parcels
Coastal Zone Boundary
Highway
Road
Perennial Stream
Intermittent Stream

1 cm = 0.3937 inch
Local Coastal Plan SubAreas

SubArea 1 The Sea Ranch North
SubArea 2 The Sea Ranch South
SubArea 3 Stewart's Point/Horsehoe Cove
SubArea 4 Salt Point
SubArea 5 Timber Cove/Fort Ross
SubArea 6 High Cliffs/Muniz-Jenner
SubArea 7 Duncans Mills
SubArea 8 Pacific View/Willow Creek
SubArea 9 State Beach/Bodega Bay
SubArea 10 Valley Ford

Note:
Map scale and reproduction methods limit precision in physical features displayed. The parcels contained herein are not intended to represent surveyed data. In some areas the parcel boundaries may not match the parcel lines displayed due to a lack of information. This map is for illustrative purposes only and does not reflect all policies. Site-specific studies are required to draw parcel-specific conclusions.

Data Source: Sonoma County PRMD GIS, Flood data obtained from the Federal Emergency Management Agency (FEMA).
Sonoma County
Local Coastal Plan

Tsunami and Sea Level Rise Hazards

Inundation Hazard Areas

Potential Tsunami Runup
Potential Sea Level Rise by 2100
Potential Sea Level Rise by 2100 - 100 Year Storm

Base Map Layers
- Coastal SubArea
- Park/Public Land
- Parcels
- Coastal Zone Boundary
- Natural Coastline
- Highway
- Road
- Perennial Stream
- Intermittent Stream

FIGURE C-PS-3i-i
Tsunami and Sea Level Rise Hazards
SubArea 9
State Beach/Bodega Bay

Local Coastal Plan SubAreas
SubArea 1 The Sea Ranch North
SubArea 2 The Sea Ranch South
SubArea 3 Stewart’s Point/Horseshoe Cove
SubArea 4 Salt Point
SubArea 5 Timber Cove/Fort Ross
SubArea 6 High Cliff/Muir-Jenner
SubArea 7 Duncan’s Mills
SubArea 8 Pacific View/Willow Creek
SubArea 9 State Beach/Bodega Bay
SubArea 10 Valley Ford

SubArea 8
Pacific View/Willow Creek

Note:
Map scale and reproduction methods limit precision in physical features displayed. The parcels contained herein are not intended to represent surveyed data as the data was obtained from the California Geological Survey for planning purposes only and does not reflect all policies. Site-specific studies are required to draw parcel-specific conclusions.

Data Source: Sonoma County PRMD GIS, Sea Level Rise data obtained from Our Coast, Our Future (OCOF). Tsunami data obtained from the California Geological Survey.

1 inch = 3,583 feet
0.5 inch = 7,170 feet
1 cm = .3937 inch

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(6/3/19)
Bodega Bay
Bodega Head
Doran Beach
Mussel Point
Bodega Harbor
Campbell Cove
South Salmon Creek Beach
Bay Hill Rd
Heron Dr
Westside Rd
Sea Way
BayFlat Rd
Horseshoe Cove
Westside Regional Park
Doran Beach Regional Park
Bodega Marine Reserve and Laboratory
Sonoma Coast State Park
Sonoma Coast
State Park
Bird Walk Coastal Access Trail
1 cm = 1.833 feet
1 cm = .3937 inch

Sonoma County
Local Coastal Plan
Tsunami and Sea Level Rise Hazards

Inundation Hazard Areas
Potential Tsunami Runup
Potential Sea Level Rise by 2100
Potential Sea Level Rise by 2100 - 100 Year Storm
1000 cm
750 cm
500 cm
250 cm
0 cm

Base Map Layers
Coastal SubArea
Park/Public Land
Parcel
Coastal Zone Boundary
Natural Coastline
Highway
Road
Perennial Stream
Intermittent Stream

FIGURE C-PS-3j-i
Tsunami and Sea Level Rise Hazards
SubArea 9
Bodega Bay Vicinity
Local Coastal Plan SubAreas

SubArea 1 The Sea Ranch North
SubArea 2 The Sea Ranch South
SubArea 3 Stewart's Point/Horseshoe Cove
SubArea 4 Salt Point
SubArea 6 Timber Cove/Fort Ross
SubArea 6 High Cliff/Muniz-Jenner
SubArea 7 Duncans Mills
SubArea 8 Pacific View/Willow Creek
SubArea 9 State Beach/Bodega Bay
SubArea 10 Valley Ford

Note:
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Data Source: Sonoma County PRMD GIS. Flood data obtained from the Federal Emergency Management Agency (FEMA).

Author/PRMD: Cartography: J. Samuel
File Number: 3-GIS/EN/PS3_8.png/PRMD: Department/Project/Comprehensive Planning/Local Coastal Plan/Flood Hazard/Local Review/PRMD: GIS/PRMD: GIS
Map Date: 6/3/2019

FIGURE C-PS-3j-ii
Flood Hazards
SubArea 9
Bodega Bay Vicinity

Sonoma County
Local Coastal Plan
Flood Hazards

Flood Hazard Areas
Floodplain

Base Map Layers
Coastal SubArea
Rural Community
Park/Public Land
Parcel
Coastal Zone Boundary
Natural Coastline
Highway
Road
Perennial Stream
Intermittent Stream

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