

shstmp-ps-marine-riparian-forested-cover- 2009-nwfsc.shp data dictionary

This layer was developed by NOAA Fisheries to map marine riparian forested cover within the Puget Sound region to be used as part of the salmon and steelhead habitat monitoring effort by the Salmon Habitat Status and Trend Monitoring Program. Shoreline was delineated and classified at a 1:1000 scale using 1-meter resolution false-color 2009 National Agriculture Imagery Program (NAIP) aerial imagery and 2006-2007 Coastal Atlas oblique imagery (DOE 2017). The 2017 layer was developed first. Subsequently, we used 2009 aerial imagery to identify locations of change to the 2017 layer, with sources of shoreline and forested cover change between years identified in the attribute table. The complete methodology is described in detail in the monitoring protocol (Stefankiv and Beechie, 2024).

Field	Type	Description	Values
NGF_PolyID	Double	Unique ID linking width of contiguous forested cover line to NGF polygons	Values linked to Beach Strategies NGF (CGS 2017)
Shoreform	Text String	Shoreform designation	Values from Beach Strategies NGF (CGS 2017)
CRW_Name	Text String	Name of the Chinook Recovery Watershed	CRW Name
WRIA_NR	Integer	WRIA number the line segment falls within	WRIA NR (Numbers 1-19, not WRIA ID numbers)
WRIA_NM	Text String	WRIA name the line segment falls within	WRIA Name
LE_Name	Text String	Name of the Lead Entity management area that line segment falls within	Lead Entity Area Name
Width	Text String	Width class of riparian forest	No forest, 0-30 ft, 30-60 ft, 60-100 ft, 100-150 ft, 150-200ft, 200+ ft
Certainty	Text String	Identifies if the forested width is flagged for review	High, Low
MeasBrk	Text String	Identifies the reason for the end of the forested cover width measurement	Modified, Modified – overhanging, Natural, Natural – proximity, Natural – proximity – modified
Image_Yr	Integer	Identifies year of aerial imagery used	Year
Shape_Length	Double	Length of line segment (ft). Calculated under EPSG 2927.	Calculated length

References

CGS (Coastal Geological Services). 2017. Beach Strategies Phase 1 Summary Report. Prepared by Coastal Geologic Services, Inc. for the Estuary and Salmon Restoration Program (ESRP), Bellingham, Washington. Available at:

https://salishsearestoration.org/wiki/File:CGS_ESRP_BeachStrategies_SummaryReport_20171025.pdf

DOE (Washington State Department of Ecology). 2017. Washington State Coastal Atlas.

Available at: <https://fortress.wa.gov/ecy/shorephotoviewer/>

Stefankiv, O., and T. Beechie. 2024. Monitoring Protocol for Marine Riparian Forested Cover in Puget Sound. NOAA Contract Report NMFS-NWFSC-CR-2024-xx.