

GAP/LANDFIRE National Terrestrial Ecosystems 2011 Summary Report: Rhode Island

NVCS Hierarchy Key

Class
Formation
Macrogroup
Ecological System

Land Cover Name	Hectares	Sq. Miles	% Area
Forest & Woodland			
Warm Temperate Forest & Woodland			
Southeastern North American Ruderal Forest			
Evergreen Plantation or Managed Pine	3,040	4.7	0.31 %
Cool Temperate Forest & Woodland			
Eastern North American Ruderal Forest			
Ruderal forest	2,201	3.4	0.22 %
Laurentian-Acadian Hardwood - Conifer Mesic Forest			
Laurentian-Acadian Northern Hardwoods Forest	260	0.4	0.03 %
Laurentian-Acadian Pine-Hemlock-Hardwood Forest	67	0.1	< 0.01 %
Southern & South-Central Oak - Hickory - Pine Forest & Woodland			
Northern Atlantic Coastal Plain Dry Hardwood Forest	45,230	70.7	4.58 %
Laurentian & Acadian Pine - Hardwood Forest & Woodland			
Laurentian-Acadian Northern Pine-(Oak) Forest	39	< 0.1	< 0.01 %
Appalachian-Northeastern Oak - Hardwood - Pine Forest & Woodland			
Northeastern Interior Dry-Mesic Oak Forest	32	< 0.1	< 0.01 %
Northern Atlantic Coastal Plain Pitch Pine Barrens	3,333	5.2	0.34 %
Atlantic Coastal Plain Northern Maritime Forest	197	0.3	0.02 %
Central Appalachian Oak and Pine Forest	222,892	348.3	22.58 %
Central Appalachian Pine-Oak Rocky Woodland	3,691	5.8	0.37 %
Appalachian-Central Interior-Northeastern Mesic Forest			
Appalachian Hemlock-Hardwood Forest	13,188	20.6	1.34 %
Temperate Flooded & Swamp Forest			
Central Hardwoods Floodplain Forest			
Central Interior and Appalachian Riparian Systems	278	0.4	0.03 %
North-Central Interior and Appalachian Rich Swamp	56,881	88.9	5.76 %
Central Interior and Appalachian Floodplain Systems	2,735	4.3	0.28 %
Southern Coastal Plain Evergreen Hardwood-Conifer Swamp			

Land Cover Name	Hectares	Sq. Miles	% Area
Gulf and Atlantic Coastal Plain Swamp Systems	27,708	43.3	2.81 %
Central Hardwoods Swamp Forest			
North-Central Interior Wet Flatwoods	2,533	4.0	0.26 %
Laurentian-Acadian-Northeast Flooded & Swamp Forest			
Laurentian-Acadian Floodplain Systems	5,478	8.6	0.55 %
Shrub & Herb Vegetation			
Temperate to Polar Scrub & Herb Coastal Vegetation			
Eastern North American Dune & Coastal Grassland			
Northern Atlantic Coastal Plain Dune and Swale	1,013	1.6	0.10 %
Eastern North American Coastal Beach & Rocky Shore			
Northern Atlantic Coastal Plain Sandy Beach	594	0.9	0.06 %
Salt Marsh			
North American Atlantic & Gulf Coastal Salt Marsh			
Acadian Salt Marsh and Estuary Systems	92	0.1	< 0.01 %
Gulf and Atlantic Coastal Plain Tidal Marsh Systems	14,570	22.8	1.48 %
Agricultural & Developed Vegetation			
Row & Close Grain Crop Cultural Formation			
Herbaceous Agricultural Vegetation			
Cultivated Cropland	4,901	7.7	0.50 %
Pasture & Hay Field Crop			
Pasture & Hay Field Crop			
Pasture/Hay	33,083	51.7	3.35 %
Developed & Other Human Use			
Developed & Urban			
Developed & Urban			
Developed, Medium Intensity	74,595	116.6	7.56 %
Developed, Low Intensity	57,452	89.8	5.82 %
Developed, High Intensity	25,048	39.1	2.54 %
Developed, Open Space	53,798	84.1	5.45 %
Introduced & Semi Natural Vegetation			
Introduced & Semi Natural Vegetation			
Introduced & Semi Natural Vegetation			
Introduced Riparian and Wetland Vegetation	102	0.2	0.01 %
Introduced Upland Vegetation - Treed	902	1.4	0.09 %
Introduced Upland Vegetation - Shrub	97	0.2	< 0.01 %
Introduced Upland Vegetation - Annual Grassland	1,464	2.3	0.15 %
Recently Disturbed or Modified			
Recently Disturbed or Modified			
Recently Disturbed or Modified			
Harvested Forest-Shrub Regeneration	1,092	1.7	0.11 %
Disturbed/Successional - Shrub Regeneration	3,032	4.7	0.31 %
Disturbed, Non-specific	12	< 0.1	< 0.01 %
Harvested Forest - Grass/Forb Regeneration	3,615	5.6	0.37 %
Open Water			

Land Cover Name	Hectares	Sq. Miles	% Area
Open Water			
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Open Water (Fresh)	18,380	28.7	1.86 %
Open Water (Brackish/Salt)	296,225	462.9	30.01 %
Nonvascular & Sparse Vascular Rock Vegetation			
Barren			
Barren			
Undifferentiated Barren Land	7,383	11.5	0.75 %

GAP/LANDFIRE National Terrestrial Ecosystems 2011 - Ecological Systems

Summary

The GAP/LANDFIRE National Terrestrial Ecosystems represents a highly thematically detailed land cover map of the U.S. The GAP/LANDFIRE National Terrestrial Ecosystems dataset is produced by the U.S. Geological Survey in collaboration with the LANDFIRE Program. The GAP produces data and tools that help meet critical national challenges such as biodiversity conservation, renewable energy development, climate change adaptation, and infrastructure investment. Learn more about GAP and other GAP data (including protected areas and species habitat maps) at <https://gapanalysis.usgs.gov>. <https://gapanalysis.usgs.gov/gaplandcover/data>.

Abstract

This layer represents the finest level of thematic detail for the GAP/LANDFIRE National Terrestrial Ecosystems 2011 land cover. This data layer is the 2011 update of the National Gap Analysis Program Land Cover Data - Version 2.2 for the conterminous U.S. The map legend includes types described by NatureServe's Ecological Systems Classification (Comer et al. 2003) as well as land use classes described in the National Land Cover Dataset 2011 (Homer et al. 2015). These data cover the entire continental U.S. and are a continuous data layer. These raster data have a 30 m x 30 m cell resolution.

Comer, P., D. Faber-Langendoen, R. Evans, S. Gawler, C. Josse, G. Kittel, S. Menard, M. Pyne, M. Reid, K. Schulz, K. Snow, and J. Teague. 2003. Ecological Systems of the United States: A Working Classification of U.S. Terrestrial Systems. NatureServe, Arlington, Virginia.

Homer, C.G., Dewitz, J.A., Yang, L., Jin, S., Danielson, P., Xian, G., Coulston, J., Herold, N.D., Wickham, J.D., and Megown, K., 2015, Completion of the 2011 National Land Cover Database for the conterminous United States-Representing a decade of land cover change information. *Photogrammetric Engineering and Remote Sensing*, v. 81, no. 5, p. 345-354.

USGS National Boundary Dataset

Summary

The USGS Governmental Unit Boundaries dataset from The National Map (TNM) represents major civil areas for the Nation, including States or Territories, counties (or equivalents), Federal and Native American areas, congressional districts, minor civil divisions, incorporated places (such as cities and towns), and unincorporated places. Boundaries data are useful for understanding the extent of jurisdictional or administrative areas for a wide range of applications, including mapping or managing resources, and responding to natural disasters. Boundaries data also include extents of forest, grassland, park, wilderness, wildlife, and other reserve areas useful for recreational activities, such as hiking and backpacking. Boundaries data are acquired from a variety of government sources. The data represents the source data with minimal editing or review by USGS. Please refer to the feature-level metadata for information on the data source. The National Map boundaries data is commonly combined with other data themes, such as elevation, hydrography, structures, and transportation, to produce general reference base maps. The National Map viewer allows free downloads of public domain boundaries data in either Esri File Geodatabase or Shapefile formats. For additional information on the boundaries data model, go to <https://nationalmap.gov/boundaries.html>.

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