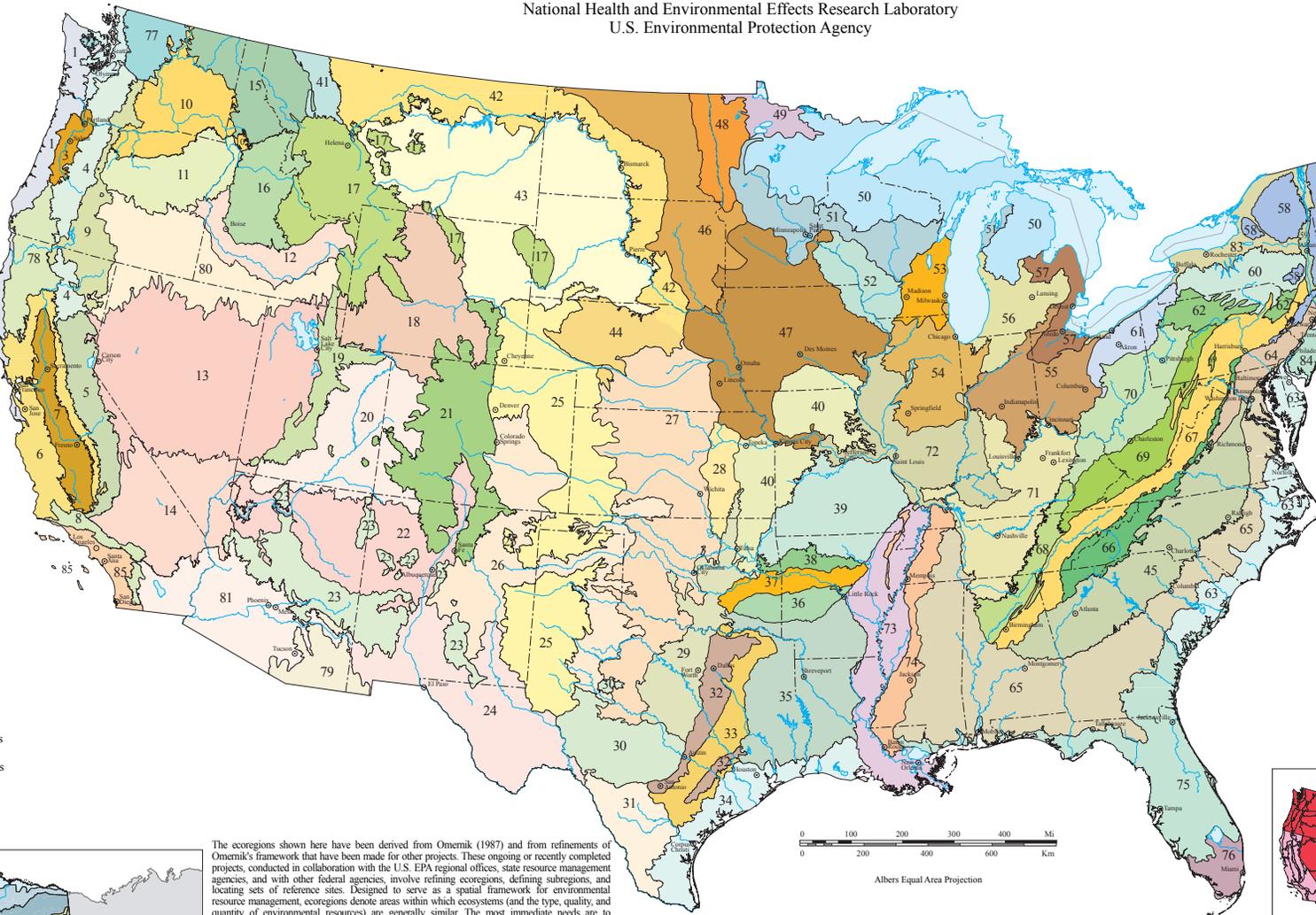


Level III Ecoregions of the Continental United States

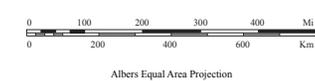
(Revised December 2011)

National Health and Environmental Effects Research Laboratory
U.S. Environmental Protection Agency

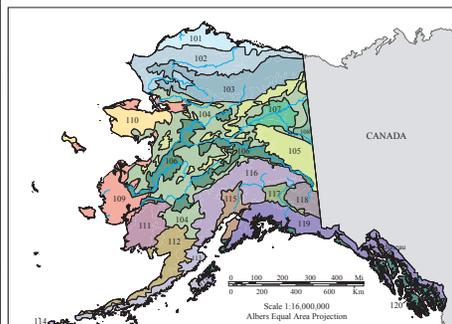
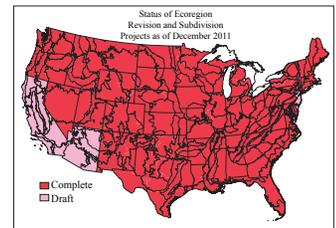
- 1. Coast Range
- 2. Puget Lowland
- 3. Willamette Valley
- 4. Cascades
- 5. Sierra Nevada
- 6. Central California Foothills and Coastal Mountains
- 7. Central California Valley
- 8. Southern California Mountains
- 9. Eastern Cascades Slopes and Foothills
- 10. Columbia Plateau
- 11. Blue Mountains
- 12. Snake River Plain
- 13. Central Basin and Range
- 14. Mojave Basin and Range
- 15. Northern Rockies
- 16. Idaho Batholith
- 17. Middle Rockies
- 18. Wyoming Basin
- 19. Wasatch and Uinta Mountains
- 20. Colorado Plateaus
- 21. Southern Rockies
- 22. Arizona/New Mexico Plateau
- 23. Arizona/New Mexico Mountains
- 24. Chihuahuan Deserts
- 25. High Plains
- 26. Southwestern Tablelands
- 27. Central Great Plains
- 28. Flint Hills
- 29. Cross Timbers
- 30. Edwards Plateau
- 31. Southern Texas Plains
- 32. Texas Blackland Prairies
- 33. East Central Texas Plains
- 34. Western Gulf Coastal Plain
- 35. South Central Plains
- 36. Ouachita Mountains
- 37. Arkansas Valley
- 38. Boston Mountains
- 39. Ozark Highlands
- 40. Central Irregular Plains
- 41. Canadian Rockies
- 42. Northwestern Glaciated Plains
- 43. Northwestern Great Plains
- 44. Nebraska Sand Hills
- 45. Piedmont
- 46. Northern Glaciated Plains
- 47. Western Corn Belt Plains
- 48. Lake Agassiz Plain
- 49. Northern Minnesota Wetlands
- 50. Northern Lakes and Forests
- 51. North Central Hardwood Forests
- 52. Driftless Area
- 53. Southeastern Wisconsin Till Plains
- 54. Central Corn Belt Plains
- 55. Eastern Corn Belt Plains
- 56. Southern Michigan/Northern Indiana Drift Plains



- 57. Huron/Erie Lake Plains
- 58. Northeastern Highlands
- 59. Northeastern Coastal Zone
- 60. Northern Allegheny Plateau
- 61. Erie Drift Plain
- 62. North Central Appalachians
- 63. Middle Atlantic Coastal Plain
- 64. Northern Piedmont
- 65. Southeastern Plains
- 66. Blue Ridge
- 67. Ridge and Valley
- 68. Southwestern Appalachians
- 69. Central Appalachians
- 70. Western Allegheny Plateau
- 71. Interior Plateau
- 72. Interior River Valleys and Hills
- 73. Mississippi Alluvial Plain
- 74. Mississippi Valley Loess Plains
- 75. Southern Coastal Plain
- 76. Southern Florida Coastal Plain
- 77. North Cascades
- 78. Klamath Mountains/California High North Coast Range
- 79. Madrean Archipelago
- 80. Northern Basin and Range
- 81. Sonoran Basin and Range
- 82. Acadian Plains and Hills
- 83. Eastern Great Lakes Lowlands
- 84. Southern Coastal Pine Barrens
- 85. Atlantic California/Northern Baja Coast



Albers Equal Area Projection



The ecoregions shown here have been derived from Omernik (1987) and from refinements of Omernik's framework that have been made for other projects. These ongoing or recently completed projects, conducted in collaboration with the U.S. EPA regional offices, state resource management agencies, and with other federal agencies, involve refining ecoregions, defining subregions, and locating sets of reference sites. Designed to serve as a spatial framework for environmental resource management, ecoregions denote areas within which ecosystems (and the type, quality, and quantity of environmental resources) are generally similar. The most immediate needs are to develop regional biological criteria and water quality standards and to set management goals for nonpoint source pollution.

The approach used to compile this map is based on the premise that ecological regions can be identified through the analysis of the patterns and the composition of biotic and abiotic phenomena that affect or reflect differences in ecosystem quality and integrity (Wikén 1986; Omernik 1987, 1995). These phenomena include geology, physiography, vegetation, climate, soils, land use, wildlife, and hydrology. The relative importance of each characteristic varies from one ecological region to another regardless of the hierarchical level. Because of possible confusion with other meanings of terms for different levels of ecological regions, a Roman numeral classification scheme has been adopted for this effort. Level I is the coarsest level, dividing North America into 15 ecological regions, whereas at Level II the continent is subdivided into 50 classes (CEC 1997). Level III is the hierarchical level shown on this map. For portions of the United States (see map inset) the ecoregions have been further subdivided to Level IV. The applications of the ecoregions are explained in reports and publications from the state and regional projects (e.g., Bryce et al. 1998, 2003; Chapman et al. 2001, 2006; Daigle et al. 2006; Gallant et al. 1989, 1995; Griffith et al. 1998, 2002, 2004; McGrath et al. 2002; Omernik et al. 2000, 2004; Thorson et al. 2003; and Woods et al. 1996, 2002, 2004). For additional information, contact James M. Omernik, U.S. EPA National Health and Environmental Effects Research Laboratory, 200 SW 35th Street, Corvallis, OR 97333; phone: (541) 754-4458, email: omernik.james@epa.gov.

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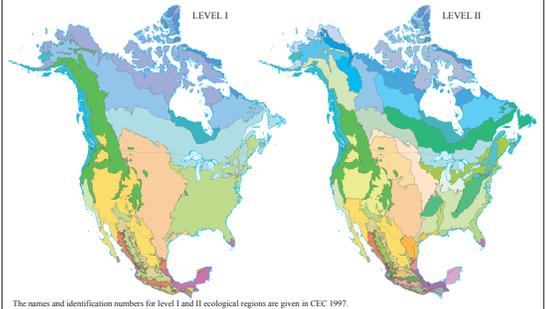
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ECOLOGICAL REGIONS OF NORTH AMERICA



The names and identification numbers for level I and II ecological regions are given in CEC 1997. Ecoregion maps, publications, GIS files, and contact information are available at www.epa.gov/wed/pubs/ecoregions.htm.