

Western Forests

Western Coniferous Forest *

- 99 Fir, Spruce
- 100 Douglas Fir, Pacific Silver Fir, Western Hemlock
- 101 Western White Pine, Ponderosa Pine, Douglas Fir, Lodgepole Pine
- 102 Lodgepole Pine, Ponderosa Pine, Western White Pine, Fir, Spruce
- 103 Lodgepole Pine, Ponderosa Pine, Western White Pine
- 104 Western White Pine, Ponderosa Pine, Lodgepole Pine, Douglas Fir
- 105 Lodgepole Pine, Ponderosa Pine, Douglas Fir
- 106 Ponderosa Pine, Lodgepole Pine, Western White Pine, Juniper
- 107 Lodgepole Pine, Ponderosa Pine, Western White Pine
- 108 Ponderosa Pine, Pinyon Pine, Juniper, Oak
- 109 Ponderosa Pine, Lodgepole Pine
- 110 Douglas Fir, Pacific Silver Fir, Western Hemlock
- 111 Ponderosa Pine, Lodgepole Pine, Juniper
- 112 Douglas Fir, Sitka Spruce, Western Hemlock
- 113 Lodgepole Pine, Ponderosa Pine, Western White Pine
- 114 Ponderosa Pine, Pinyon Pine, Douglas Fir, Juniper, Aspen
- 115 Ponderosa Pine, Lodgepole Pine, Douglas Fir, Oak
- 116 Ponderosa Pine, Lodgepole Pine, Western White Pine, Douglas Fir
- 117 Ponderosa Pine, Lodgepole Pine, Western White Pine, Douglas Fir, Aspen
- 118 Ponderosa Pine, Douglas Fir
- 119 Douglas Fir, Ponderosa Pine, Sugar Pine, Oak
- 120 Ponderosa Pine, Douglas Fir, Oak
- 121 Ponderosa Pine, Sugar Pine, Douglas Fir, Oak
- 122 Douglas Fir, Western Hemlock, Western Red Cedar, Sitka Spruce
- 123 Western Hemlock, Western Red Cedar, Douglas Fir, Sitka Spruce, Pasture
- 124 Ponderosa Pine, Sugar Pine, Douglas Fir, Redwood, Oak
- 125 Ponderosa Pine, Western Hemlock, Redwood, Western Red Cedar, Douglas Fir, Oak

Western Woodlands

- 126 Grasses, Ponderosa Pine, Lodgepole Pine
- 127 Sage, Annual Grasses, Oak, Pine
- 128 Ponderosa Pine, Lodgepole Pine, Wheatgrass, Sage
- 129 Ponderosa Pine, Pinyon Pine, Juniper
- 130 Pinyon Pine, Juniper, Grasses, Ponderosa Pine
- 131 Ponderosa Pine, Western White Pine, Grasses
- 132 Pinyon Pine, Juniper, Ponderosa Pine, Douglas Fir, Grasses, Sage

Western Mixed Forest

- 142 Lodgepole Pine, Douglas Fir, Aspen, Mountain Shrubs
- 143 Lodgepole Pine, Western White Pine, Ponderosa Pine, Aspen, Mountain Shrubs
- 144 Lodgepole Pine, Western White Pine, Ponderosa Pine, Aspen, Mountain Shrubs
- 145 Lodgepole Pine, Western White Pine, Ponderosa Pine, Aspen, Mountain Shrubs
- 146 Lodgepole Pine, Douglas Fir, Aspen
- 147 Ponderosa Pine, Lodgepole Pine, Aspen
- 148 Ponderosa Pine, Lodgepole Pine, Aspen

Western Deciduous Forest

- 96 Aspen, Mountain Shrubs, Grasses
- 97 Aspen, Mountain Shrubs

Alpine Tundra

- 156 Lodgepole Pine, Douglas Fir, Aspen, Alpine Tundra
- 157 Alpine Tundra
- 158 Alpine Tundra
- 159 Alpine Tundra

Barren

- 155 Barren or Sparsely Vegetated

Seasonal Land Cover Regions

This map represents seasonal regions of the conterminous United States and was developed through the analysis of March-October 1990 1-km Advanced Very High Resolution Radiometer (AVHRR) imagery, digital elevation, ecoregions, and climate data. The seasonal land cover regions have unique combinations of vegetation mosaics, seasonal properties (onset, peak, and length of green period), and annual primary production. The regions are grouped into general land cover types; increasing color intensity within each group corresponds to increasing primary production. The vegetation types listed above represent species commonly found in each region. For each seasonal land cover region, there are corresponding sets of attributes of land characteristics (vegetation components, seasonal properties, spectral measures, elevation, soils, and climate).

The complete land characteristics data base, available on CD-ROM from the following address, can be tailored into classification legends or parameters required for specific applications:

Customer Services
USGS, EROS Data Center
Sioux Falls, SD 57198
605-594-6507

Shrublands

Desert Shrubland

- 66 Bur Sage, Saltbush, Greasewood, Shadscale
- 67 Greasewood, Sage
- 68 Creosote, Mesquite, Saltbush, Sand Sage
- 69 Creosote, Saltbush, Sand Sage
- 70 Dropseed, Sand Sage, Creosote
- 71 Saltbush, Greasewood, Big Sage

Shrubland/Grassland

- 72 Greasewood, Sage, Rabbitbrush, Needlegrass
- 73 Sand Sage, Creosote, Ricegrass, Blue Grama, Dropseed
- 74 Big Sage, Rabbitbrush, Wheatgrass, Fescue
- 75 Greasewood, Sage, Wheatgrass, Needleandthread
- 76 Sand Sage, Blue Grama, Wheatgrass, Buffalograss
- 77 Creosote, Sand Sage, Grama, Wheatgrass
- 78 Big Sage, Rabbitbrush, Wheatgrass, Fescue
- 79 Sand Sage, Creosote, Dropseed, Blue Grama
- 80 Blue Grama, Buffalograss, Big Sage, Saltbush
- 81 Sand Sage, Oak, Blue Grama, Buffalograss
- 82 Grama, Buffalograss, Wheatgrass, Creosote, Mesquite
- 83 Grama, Buffalograss, Wheatgrass, Creosote, Mesquite

Grasslands

Chaparral

- 84 Annual Grasses, Manzanita, Oak, Pine
- 85 Annual Grasses, Manzanita, Oak, Pinyon Pine, Juniper

Savanna

- 86 Bluestem, Sand Sage, Blue Grama, Oak, Juniper
- 87 Oak, Juniper, Bluestem, Indiangrass, Switchgrass
- 88 Oak, Bluestem, Indiangrass, Mesquite, Juniper
- 89 Oak, Bluestem, Indiangrass, Switchgrass, Juniper

Grassland

- 55 Wheatgrass, Needlegrass, Needleandthread
- 56 Wheatgrass, Needlegrass, Needleandthread
- 57 Bluestem, Blue Grama
- 58 Blue Grama, Wheatgrass, Buffalograss
- 59 Wheatgrass, Blue Grama, Needleandthread
- 60 Wheatgrass, Fescue, Big Sage
- 61 Wheatgrass, Blue Grama, Needleandthread, Big Sage
- 62 Annual Grasses, Manzanita, Oak
- 63 Wheatgrass, Needlegrass
- 64 Wheatgrass, Needlegrass, Needleandthread
- 65 Bluestem, Indiangrass, Switchgrass

Croplands

Irrigated/Dry Land

- 33 Sorghum, Small Grains, Irrigated Agriculture
- 34 Irrigated Agriculture, Mixed Row Crops

Irrigated

- 22 Irrigated Agriculture
- 23 Irrigated Agriculture
- 24 Irrigated Agriculture
- 25 Irrigated Agriculture
- 26 Irrigated Agriculture
- 27 Irrigated Agriculture
- 28 Irrigated Agriculture
- 29 Irrigated Agriculture
- 30 Irrigated Agriculture
- 31 Irrigated Agriculture
- 32 Irrigated Agriculture

Cropland/Grassland

- 35 Bluestem, Grama, Wheatgrass, Small Grains
- 36 Grama, Buffalograss, Wheat, Sorghum
- 37 Small Grains, Sorghum, Blue Grama
- 38 Wheatgrass, Needleandthread, Wheat, Peas, Lentils
- 39 Bluestem, Wheatgrass, Wheat, Sorghum

Cropland/Woodland

- 40 Riparian Woods, Irrigated Agriculture, Blue Grama
- 41 Soybeans, Cotton, Rice, Corn, Oak, Tupelo
- 42 Corn, Soybeans, Sorghum, Irrigated Agriculture, Mixed Woodlots
- 43 Mixed Pine, Oak, Soybeans, Corn
- 44 Pasture, Small Grains, Douglas Fir, Oak
- 45 Soybeans, Corn, Peanuts, Cotton, Oak, Pine
- 46 Maple, Birch, Beech, Corn, Soybeans, Pasture
- 47 Oak, Hickory, Pine, Soybeans, Corn, Pasture
- 48 Citrus, Pasture, Slash Pine, Longleaf Pine
- 49 Loblolly Pine, Slash Pine, Soybeans, Corn, Peanuts, Cotton
- 50 Pine, Oak, Soybeans, Corn, Pasture
- 51 Pasture, Hay, Corn, Soybeans, Oak, Hickory
- 52 Forage Crops, Hay, Woodlots (Oak, Maple)
- 53 Oak, Pine, Soybeans, Corn, Cotton, Peanuts
- 54 Soybeans, Cotton, Rice, Corn, Oak, Pine

Small Grains/Row Crops

- 3 Small Grains, Mixed Row Crops
- 5 Small Grains, Mixed Row Crops
- 6 Mixed Row Crops (Corn, Sunflowers, Soybeans), Small Grains
- 7 Mixed Crops (Wheat, Sorghum, Corn, Alfalfa, Oats)
- 12 Small Grains, Mixed Row Crops, Pasture
- 13 Small Grains, Mixed Row Crops, Pasture
- 14 Mixed Crops (Wheat, Sorghum, Corn, Alfalfa, Oats)
- 16 Corn, Soybeans, Alfalfa, Flax, Wheat
- 18 Mixed Cropland, Pasture, Woodland

Row Crops

- 2 Soybeans, Corn, Cotton
- 8 Soybeans, Cotton, Rice, Corn
- 10 Soybeans, Cotton, Rice, Corn
- 11 Corn, Soybeans
- 15 Soybeans, Cotton, Corn
- 17 Corn, Soybeans
- 19 Soybeans, Corn, Cotton, Vegetable Crops
- 20 Corn, Soybeans, Pasture
- 21 Corn, Soybeans, Loblolly Pine

Small Grains

- 1 Spring Wheat
- 4 Small Grains
- 9 Winter Wheat

Eastern Forests

Northern Mixed Forest

- 133 Maple, Beech, Birch, Jack Pine, Red Pine
- 134 Maple, Birch, Beech, Spruce, Fir
- 135 Spruce, Pine, Wetlands, Northern Hardwoods
- 136 Oak, Maple, Ash, Beech, Birch, Jack Pine, Red Pine
- 137 Beech, Birch, Maple, Spruce, Fir, Hemlock

Northern Deciduous Forest

- 90 Maple, Birch, White Pine, Red Pine
- 91 Oak, Maple, Ash, Pasture
- 92 Maple, Birch, Beech
- 93 Beech, Birch, Maple, Oak, Pasture

Southeast Mixed Forest

- 138 Slash Pine, Longleaf Pine, Oak, Palm, Mangrove, Wetlands
- 139 Loblolly Pine, Slash Pine, Oak, Gum, Soybeans, Corn, Cotton
- 140 Loblolly Pine, Longleaf/Shortleaf Pine, Slash Pine, Oak, Gum, Cypress
- 141 Loblolly Pine, Slash Pine, Shortleaf Pine, Oak, Gum, Poplar

Southeast Deciduous Forest

- 94 Oak, Hickory, Mixed Cropland
- 95 Oak, Hickory, Poplar, Beech, Walnut

Southeast Coniferous Forest

- 98 Loblolly Pine, Longleaf Pine, Slash Pine, Shortleaf Pine

Coastal Wetlands

Herbaceous Wetlands

- 150 Fresh/Saltwater Marsh
- 151 Fresh/Saltwater Marsh
- 152 Fresh/Saltwater Marsh

Forested Wetlands

- 153 Fresh/Saltwater Marsh, Bald Cypress, Mangrove, Oak, Gum
- 154 Fresh/Saltwater Marsh, Oak, Gum, Cypress

Water

- 149 Water