

Summary Table: Characteristics of the Ecoregions of Idaho

| 10. COLUMBIA PLATEAU | | | | | | | | | | | | |
|--|---------------------------------|--|---|--|--|-------------------------|--------------------|---|---|--|--|--|
| Level IV Ecoregion | Physiography | Geology | Soil | Climate | Potential Natural Vegetation/ Present Vegetation | Land Use and Land Cover | | | | | | |
| Area (square miles) | Elevation/ Low Relief (feet) | Soil | Order (Great Groups) | Common Soil Series | Temperature/ Moisture Regimes | Precipitation (inches) | Mean Annual (days) | Mean Temperature (January minimum; July maximum) (°F) | Potential Natural Vegetation/ Present Vegetation | Land Use and Land Cover | | |
| 10c. Dissected Loess Uplands | 224 | Un glaciated. Rolling, hills, flat plateau remnants, and canyons. 1500-5000 400-1000 | Quaternary loess on plateaus with colluvium and alluvium in canyon slopes and fans, respectively. Tertiary basalts. | Mollisols (Agroperolls, Durixerolls, Argiolls, Haploperolls) | Endox, Kentonch, Thama, Uthors, Brouha, White, Payne, Gwin, Naff | Mesic/ Xeric | 12-29 | 90-170 | 2476, 3839 | "Source: Kuchler, 1964 | Forest: Logging, wildlife habitat, and recreation. Some areas cleared for grazing. | |
| 10b. Palouse Hills | 453 | Un glaciated. Western foothills of the Northern Rocky Mountains. 2000-3000 100-800 | Quaternary loess and alluvium. Tertiary basalts. | Mollisols (Agroperolls, Argiolls, Haploperolls, Alfisols (Argoalfisols)) | Palouse, Southfork, Tange, Swan, Naff, Lakota, Kentonch, Thama, Uthors, Brouha, White, Payne, Gwin, Naff | Mesic/ Xeric | 18-30 | 80-160 | 2476, 3839 | Extensive small grain farming, also cropland for hay, alfalfa, and other forage crops. Some areas cleared for grazing. | Forest: Logging, wildlife habitat, and recreation. Some areas cleared for grazing. | |
| 10j. Nez Percé Prairie | 725 | Un glaciated. Rolling plateau. 2000-4100, then to 5700 100-1000 | Quaternary loess and colluvium. Tertiary terraces, tuffs, and volcanic rocks, and Precambrian metamorphic rocks. | Mollisols (Agroperolls, Argiolls, Haploperolls) | Nez Percé, Uthors, Sebago, Tange, Boka, Saff, Lakota | Frigid/Mesic/ Xeric | 19-28 | 70-140 | 2276, 3070 | Cropland growing small grain, peas, and hay. Pastureland, rangeland, and woodland. | Forest: Logging, wildlife habitat, grazing, and recreation. Forest has high alpine distribution. | |
| 10i. Lower Snake and Chewaucan Canyons | 80 | Un glaciated. Deep canyons. 1000-2500 1000-1400 | Quaternary alluvium and colluvium. Tertiary basalts. | Mollisols (Haploperolls, Argiolls, Haploperolls) | Chad, Bridgeway, Adams, Kall, Blomquist, Kentonch | Mesic/ Xeric | 12-25 | 100-190 | 2476, 3839 | Wheatgrass-Bluegrass/ Bluegrass-wheatgrass, Idaho fescue, bluegrass, Wyoming big sagebrush. | Grass-covered, grazing, recreation, and wildlife habitat. | |

| 11. BLUE MOUNTAINS | | | | | | | | | | | | |
|--------------------------------------|---------------------------------|---|--|---|---|-----------------------------------|--------------------|---|---|---|---|--|
| Level IV Ecoregion | Physiography | Geology | Soil | Climate | Potential Natural Vegetation/ Present Vegetation | Land Use and Land Cover | | | | | | |
| Area (square miles) | Elevation/ Low Relief (feet) | Soil | Order (Great Groups) | Common Soil Series | Temperature/ Moisture Regimes | Precipitation (inches) | Mean Annual (days) | Mean Temperature (January minimum; July maximum) (°F) | Potential Natural Vegetation/ Present Vegetation | Land Use and Land Cover | | |
| 11d. Madras | 285 | Un glaciated. Dissected mountains. 4200-7500 800-1100 | Quaternary colluvium. Tertiary basalts with a core of Tertiary metachert, volcanics, and metamorphic rocks. Tertiary granitic and sedimentary rocks. | Mollisols (Haploperolls, Agroperolls, Haploperolls, Argiolls) | Bluebell, Triane, McDaniel, Rocky | Mesic, Frigid, Cryic/ Xeric, Udic | 14-30 | 60-150 | 2478, 4294 | "Source: Kuchler, 1964 | Partly forested. Mostly livestock grazing and wildlife habitat. | |
| 11c. Wallawa/Seven Devils Mountains | 251 | Partly glaciated. Mountains. Steep gradient streams following fault lines have steep longitudinal gradients and have eroded deep canyons. | Quaternary colluvium. Mostly Tertiary basalts with a core of Tertiary metamorphic, volcanic, pyroclastic, and sedimentary rocks. | Mollisols (Agroperolls, Alfisols (Haploalfisols)) | Vay, Klickitat, Salsol, Blomquist, Chapin | Frigid, Mesic/ Cryic/ Xeric, Udic | 12-25 | 30-160 | Long cold winters | Covered in dry forests with a shrub-savanna. Livestock grazing, recreation, logging, and timber harvest. | Forest: Logging, livestock grazing, recreation, and wildlife habitat. | |
| 11f. Canyons and Dissected Highlands | 535 | Un glaciated. Deep river canyons and dissected highlands in the north shadow of mountains. 4000-6000 200-4000 | Quaternary colluvium, alluvium and glacial deposits. Tertiary basalts, many tuffs. | Mollisols (Agroperolls, Haploperolls, Argiolls, Alfisols (Haploalfisols)) | Sulph, Uthors, Eckler, Blomquist, Kentonch, Thama, Uthors, Brouha, White, Payne, Gwin, Naff | Frigid, Mesic/ Xeric, Udic | 14-30 | 80-100 | Bonnie, 2642; 1994 1916 | Western ponderosa pine forest, Douglas-fir forest, and mixed conifer forest. | Forest: Logging, livestock grazing, recreation, and wildlife habitat. | |
| 11g. Canyons and Dissected Uplands | 859 | Un glaciated. Deep river canyons and dissected uplands. 1000-2000 400-2000 | Quaternary colluvium. Tertiary basalts and Tertiary metamorphic, volcanic, metamorphic, and sedimentary rocks. | Mollisols (Agroperolls, Alfisols (Haploalfisols)) | Blugrain, Klickitat, Tamahill, Talsol, Haploperolls, Argiolls, Haploperolls | Frigid, Mesic/ Xeric, Udic | 12-30 | 70-180 | 2842, 3502 | Wheatgrass-bluegrass, western ponderosa pine forest, bluegrass, and mixed conifer forest. | Forest: Logging, livestock grazing, recreation, and wildlife habitat. | |
| 11i. Continental Zone Foothills | 591 | Un glaciated. Foothills. 3000-5500 400-2000 | Quaternary colluvium. Mostly Tertiary basalts. Also some terraced grasslands and granites. | Mollisols (Agroperolls, Alfisols (Haploalfisols)) | McDaniel, Riggs, Melind, Revan, Blomquist, Kentonch | Mesic/ Xeric, Udic | 10-22 | 90-145 | 1211; 1916 | Mostly wheatgrass-bluegrass, sagebrush steppe/ponderosa pine forest, and mixed conifer forest. | Shrub- and grass-covered. Rangeland and wildlife habitat. | |
| 11h. Mesic Forest Zone | 47 | Glaciated. Mountains. 6000-7500 400-2000 | Quaternary colluvium and glacial deposits. Mostly Tertiary metamorphic and volcanic and Tertiary basalts. Also some Jurassic granites. | Mollisols (Haploperolls, Alfisols (Haploalfisols)) | Bluebell, Salsol, Calkdeke, Salls, Westfork | Cryic/ Xeric, Udic | 14-32 | 65-75 | 726; 3484 | Grand fir-Douglas-fir forest, western spruce-fir forest, western hemlock-sitka spruce forest, and Douglas-fir forest. | Forest: Logging, livestock grazing, recreation, and wildlife habitat. | |
| 11m. Subalpine-Alpine Zone | 71 | Glaciated. High mountains and ridges. Rockland, tuffs, and talus are common. 6000-8500 400-2000 | Quaternary colluvium. Mostly Tertiary basalts and volcanic and Tertiary basalts. Rock outcrops common. | Inceptisols (Cryosceptisols, Alfisols (Haploalfisols)) | Vay, Sulch, are empty or rocky | Cryic/ Udic | 30-40 | 30-90 | Long cold winters | Alpine grassland, meadowland, open high alpine forest, and open rockland. Wooded, summer grazing, recreation, and wildlife habitat. | Forest: Logging, livestock grazing, recreation, and wildlife habitat. | |

| 12. SNAKE RIVER PLAIN | | | | | | | | | | | | |
|---|---------------------------------|--|--|---|---|---|--------------------|---|---|--|---|---|
| Level IV Ecoregion | Physiography | Geology | Soil | Climate | Potential Natural Vegetation/ Present Vegetation | Land Use and Land Cover | | | | | | |
| Area (square miles) | Elevation/ Low Relief (feet) | Soil | Order (Great Groups) | Common Soil Series | Temperature/ Moisture Regimes | Precipitation (inches) | Mean Annual (days) | Mean Temperature (January minimum; July maximum) (°F) | Potential Natural Vegetation/ Present Vegetation | Land Use and Land Cover | | |
| 12a. Treasure Valley | 1302 | Un glaciated. Valley with many canals and reservoirs. 2100-2500 0-1000 | Quaternary alluvium, loess, lacustrine, alluvial fan deposits, sand, and sedimentary rocks. Tertiary sedimentary rock. | Andisols (Haploperolls, Calcixols, Argiolls, Haploperolls, Durixerolls, Haploperolls) | Power, Elijah, Hays, Madras, Baddock, Kentonch, Uthors, Brouha, White, Payne, Gwin, Naff | Mesic/ Aridic, Xeric | 6-15 | 90-170 | 2077, 3500 | "Source: Kuchler, 1964 | Sagebrush steppe/ Wyoming-bunchgrass, bluegrass, and mixed conifer forest. | Irrigated cropland, pastureland, suburban and rural residential, and industrial areas. Wheat, alfalfa, and other crops are raised. Saline areas are irrigated. Livestock grazing. Land use has changed over time. |
| 12b. Lava Fields | 1122 | Un glaciated. Irregular plains with flows, older cones, and spatter cones. Surface water availability is extremely limited. 3000-5500 0-400 | Quaternary loess, loess, and volcanic ash mixed with alluvium. Rock outcrops are common. | Andisols (Haploperolls, Mollisols (Agroperolls, Durixerolls), Alfisols (Haploalfisols)) | Parsons, Chesham, Padus, Derbort, McCarty, Redford, Exposed lava flows, siltstone, sandstone, and volcanic ash | Mesic, Frigid, Aridic, Xeric | 7-16 | 55-160 | 1029, 2284 | Sagebrush steppe/ Open bush-sagebrush, mountain sheepgrass, Wyoming big sagebrush, rabbitbrush, bluegrass, and mixed conifer forest. | Sparsely covered by grasses and brush, but just barren. Irrigated, wildlife habitat, and recreation. Low livestock carrying capacity. Canyons of the Moon National Monument is located in the region. | |
| 12c. Camas Prairie | 530 | Un glaciated. Valley containing nearly level terraces, basins, head plains, and on the periphery, alluvial fans. Ponds in a flat and seasonally wet. 4700-5100 0-200 | Quaternary alluvium, colluvium, terrace gravels, and basalts. | Mollisols (Haploperolls, Calcixols, Durixerolls, Haploperolls, Calcixols) | Lava Wood, Palouse, Prevost, Blomquist, Hays, Madras, Madras, Salsol, Kentonch, Uthors, Brouha, White, Payne, Gwin, Naff | Mesic, Frigid, Aridic, Xeric | 12-20 | 50-110 | 629, 1695 | Sagebrush steppe/ Pine and juniper-bunchgrass-wheatgrass, Idaho fescue, bluegrass, basin wild rye, and western yellow pine forest. | Shrub- and grass-covered. Pasture and woodland. Non-irrigated and irrigated cropland, recreation, and wildlife habitat. | |
| 12d. Dissected Plateaus and Teton Basin | 1099 | Un glaciated. Dissected plateaus, alluvial fans, low terraces, basins, and canyons. Surface water availability is extremely limited. 4700-5100 0-600 | Quaternary loess, alluvium, and glacial outwash deposits. Quaternary and Tertiary igneous rocks. | Mollisols (Haploperolls, Agroperolls, Haploperolls, Argiolls, Haploperolls) | Reberg, Mayaville, Rin, Red, Salsol, Kentonch, Uthors, Brouha, White, Payne, Gwin, Naff | Frigid, Cryic/ Aridic, Xeric | 10-22 | 50-100 | 728; 4049 | Sagebrush steppe/ Mountain big sagebrush, steppe/ponderosa pine forest, and mixed conifer forest. | Cropland or rangeland. Sagebrush irrigated pasture and woodland. Non-irrigated and irrigated cropland, recreation, and wildlife habitat. | |
| 12e. Upper Snake River Plain | 1463 | Un glaciated. Steeply rising river terraces, floodplains, and lake plain containing many canals and reservoirs. 4400-5000 0-200 | Quaternary mixed alluvium, lake deposits, and basalts. | Mollisols (Haploperolls, Calcixols, Durixerolls, Haploperolls, Calcixols) | Bonwick, Beck, St. Anthony, Labrous, Henson, Terrence, Dicks, Tinsdale | Frigid, Mesic/ Aridic, Xeric | 7-16 | 80-130 | 1170; 3036 | Sagebrush steppe/ Low to mid-elevation grassland big sagebrush, bunchgrass-wheatgrass, bluegrass, and mixed conifer forest. | Irrigated cropland, pastureland, suburban and rural residential, and industrial areas. Small cropland, recreation, and wildlife habitat. | |
| 12f. Semiarid Foothills | 1539 | Un glaciated. Foothills, alluvial fans, hills, and intervening valleys. A few perennial streams occur. 2000-4500 0-1000 | Quaternary alluvium, colluvium, loess, sedimentary volcanic rocks, and Tertiary basalts. Tertiary hydrolytic igneous, quartzite, and sedimentary rocks and volcanic ash. | Mollisols (Agroperolls, Haploperolls, Durixerolls, Alfisols (Haploalfisols)) | Cam, Gwin, Nelson, Madras, Galah, Elmore, Blomquist, Prevost, Blomquist, Bonville, Riggs, Sloope, Argiolls, Salsol, Salls, Kentonch, Uthors, Brouha, White, Payne, Gwin, Naff | In the west: Mesic/ Xeric; elsewhere: Frigid, Aridic, Xeric | 9-28 | 90-170 | 1614; 2291 | Sagebrush steppe/ Oregon juniper-bunchgrass-wheatgrass, bluegrass, and mixed conifer forest. | Shrub- and grass-covered. Pasture and woodland. Non-irrigated and irrigated cropland, recreation, and wildlife habitat. | |
| 12g. Eastern Snake River Basin Plain | 1426 | Un glaciated. Irregular plain. 2100-2500 0-800 | Quaternary loess, alluvium, beach flows, and older cones. Rock outcrops are common. | Mollisols (Haploperolls, Haploperolls, Haploperolls, Argiolls, Haploperolls) | Parsons, McCarty, Prevost, Blomquist, Hays, Madras, Madras, Salsol, Kentonch, Uthors, Brouha, White, Payne, Gwin, Naff | Frigid, Mesic/ Aridic, Xeric | 6-16 | 75-140 | 1018; 1587 | Sagebrush steppe/ Pine and juniper-bunchgrass-wheatgrass, Idaho fescue, bluegrass, basin wild rye, and western yellow pine forest. | Shrub- and grass-covered. Pasture and woodland. Non-irrigated and irrigated cropland, recreation, and wildlife habitat. | |
| 12h. Mountains Home Uplands | 2945 | Un glaciated. Plains with hills and brush-capped benches. 2000-5500 0-500 | Quaternary loess, loess, and volcanic ash mixed with alluvium. Rock outcrops are common. | Andisols (Calcixols, Haploperolls, Argiolls, Haploperolls) | Parsons, McCarty, Prevost, Blomquist, Hays, Madras, Madras, Salsol, Kentonch, Uthors, Brouha, White, Payne, Gwin, Naff | Mesic/ Aridic, Xeric | 6-12 | 90-170 | 2179; 3036 | Mostly sagebrush steppe/ Western bunchgrass-wheatgrass, bluegrass, and mixed conifer forest. | Shrub- and grass-covered. Pasture and woodland. Non-irrigated and irrigated cropland, recreation, and wildlife habitat. | |
| 12i. Magic Valley | 1700 | Un glaciated. Valley with many canals and reservoirs. 2200-5000 0-400 | Quaternary alluvium, loess, and beach flows. Tertiary basalts and Tertiary quartzite. | Andisols (Haploperolls, Haploperolls, Calcixols, Argiolls, Haploperolls) | Prevost, Trevis, Palouse, Tinsdale, Weck, Boka, Gooding, Tange, Madras, Madras, Salsol, Kentonch, Uthors, Brouha, White, Payne, Gwin, Naff | Mesic/ Aridic, Xeric | 7-13 | 110-145 | 1876; 3488 | Mostly sagebrush steppe/ Lower terrace-subalpine grassland/ Wyoming big sagebrush, bluegrass, and mixed conifer forest. | Irrigated wheat, barley, alfalfa, peaches, sugar beets, beans, and potatoes. Dairy and livestock raising, recreation, and wildlife habitat. | |
| 12j. Unwooded Alkaline Foothills | 1598 | Un glaciated. Rolling foothills, hills, benches, alluvial fans, and scattered badlands. Perennial streams are rare. 2000-3000 0-1200 | Quaternary sandy, alkaline lacustrine sediments and Tertiary basalts. Tertiary siliceous sedimentary rocks and Tertiary basalts. | Andisols (Andisols, Calcixols, Argiolls, Haploperolls, Alfisols (Haploalfisols)) | Chilton, Hays, Power, Lakota, Poyntz, Bruns, Colburne, Madras, Madras, Salsol, Kentonch, Uthors, Brouha, White, Payne, Gwin, Naff | Mesic/ Aridic, Xeric | 4-16 | 80-160 | 2236; 3488 | Subalpine grassland, sagebrush steppe/ Wyoming big sagebrush, bluegrass, and mixed conifer forest. | Shrub- and grass-covered. Pasture and woodland. Non-irrigated and irrigated cropland, recreation, and wildlife habitat. | |

| 13. CENTRAL BASIN AND RANGE | | | | | | | | | | | | |
|---|---------------------------------|---|--|---|--|----------------------------|--------------------|---|---|---|--|--|
| Level IV Ecoregion | Physiography | Geology | Soil | Climate | Potential Natural Vegetation/ Present Vegetation | Land Use and Land Cover | | | | | | |
| Area (square miles) | Elevation/ Low Relief (feet) | Soil | Order (Great Groups) | Common Soil Series | Temperature/ Moisture Regimes | Precipitation (inches) | Mean Annual (days) | Mean Temperature (January minimum; July maximum) (°F) | Potential Natural Vegetation/ Present Vegetation | Land Use and Land Cover | | |
| 13b. Shaded-Dominated Snake Basin | 110 | Un glaciated. Steeply rising basins that are intensely drained. Precipitation is orographically modified. 4000-5000 0-1000 | Quaternary alluvium, colluvium, and lacustrine deposits. Tertiary metamorphic and volcanic rocks. Tertiary volcanic-metamorphosed sedimentary rocks. | Andisols (Haploperolls, Natrigisols, Haploperolls) | Hayfield, Melind, Brian, Hiko Park, Kentonch, Uthors, Brouha, White, Payne, Gwin, Naff | Mesic/ Aridic, Xeric | 8-13 | 100-150 | 1211; 2077 | "Source: Kuchler, 1964 | Covered mostly by alkaline and saline wetland vegetation. Some areas are irrigated. Livestock grazing, recreation, and wildlife habitat. | |
| 13c. Sagebrush Basins and Slopes | 62 | Un glaciated. Valleys containing lake terraces, alluvial fans, and older cones. Surface water availability is extremely limited. 5000-7500 200-800 | Quaternary alluvium, colluvium, and lacustrine deposits. Tertiary metamorphic, volcanic, and sedimentary rocks. | Mollisols (Haploperolls, Alfisols (Haploalfisols)) | Hynes, Redford, Bonville, Korns, Poyntz | Frigid, Mesic/ Xeric, Udic | 8-18 | 50-110 | 820; 1080 | Sagebrush steppe/ Wyoming and mountain big sagebrush, bluegrass, and mixed conifer forest. | Shrub- and grass-covered. Primarily rangeland and wildlife habitat. | |
| 13d. Woodland and Shrub-Covered Low Mountains | 23 | Un glaciated. Low, rocky, flat block mountains, ridges, and hills. Ephemeral streams. 2000-7000 200-800 | Quaternary colluvium. Permian-silurian and Precambrian igneous, limestone, dolomite, and shale. | Mollisols (Haploperolls, Paleyolls, Haploperolls) | Hynes, Power, Northwest, Cherym, Bonville, Redford, Bonville, Korns, Poyntz | Frigid, Xeric, Udic | 12-26 | 50-80 | 728; 1080 | Sagebrush steppe/ Mountain big sagebrush, mountain sheepgrass, and mixed conifer forest. | Woodland, brush, and grass-covered. Rangeland and wildlife habitat. | |
| 13i. Malad and Cache Valleys | 365 | Un glaciated. Valleys containing wide terraces, narrow flood plains, and alluvial fans. Mountains in peripheral streams and canyons. 2000-3000 0-1200 | Quaternary alluvium and lacustrine silt and sand from Pleistocene Lake Bonneville. Tertiary siliceous sedimentary rocks and Tertiary basalts. | Mollisols (Calcixols, Haploperolls, Argiolls, Haploperolls) | Collinson, Hays, O'Neil, Banda, Poyntz, Layton, Semata, Logan | Mesic, Frigid, Xeric, Udic | 8-20 | 90-165 | 1232; 2100 | Sagebrush steppe/ Basin big sagebrush, mountain big sagebrush, bluegrass, and mixed conifer forest. | Brush- and grass-covered. Irrigated cropland and woodland. Non-irrigated and irrigated cropland, recreation, and wildlife habitat. | |

| 15. NORTHERN ROCKIES | | | | | | | | | | | | |
|--|---------------------------------|---|---|---|---|----------------------------|--------------------|---|---|--|---|--|
| Level IV Ecoregion | Physiography | Geology | Soil | Climate | Potential Natural Vegetation/ Present Vegetation | Land Use and Land Cover | | | | | | |
| Area (square miles) | Elevation/ Low Relief (feet) | Soil | Order (Great Groups) | Common Soil Series | Temperature/ Moisture Regimes | Precipitation (inches) | Mean Annual (days) | Mean Temperature (January minimum; July maximum) (°F) | Potential Natural Vegetation/ Present Vegetation | Land Use and Land Cover | | |
| 15c. Grassy Plateau Ridges | 451 | Un glaciated. Hills, ridges, and isolated benches. 2000-4000 400-1000 | Quaternary loess and volcanic ash. Tertiary basalts. | Mollisols (Agroperolls, Alfisols (Fragialfisols), Andisols (Udalfs)) | Sandwich, Tange, Santa, Helms, Larkin, Job, Johnson | Mesic, Frigid, Xeric, Udic | 22-30 | 100-130 | 1925; 4676 | "Source: Kuchler, 1964; Franklin and Dymore, 1990 | Grass-lands, or forest-covered. Mostly wheat and barley farming, hay, agriculture, and livestock grazing. | |
| 15d. High Northern Rockies | 291 | Glaciated. High mountains and ridges. Rockland and talus are common. 5000-7500 400-2000 | Quaternary glacial till, colluvium and volcanic ash. Tertiary granitic and Precambrian igneous, quartzite, siltite, silt, sand, gravels, Rock outcrops occur. | Inceptisols (Dystricceptisols, Haploperolls) | Harlowe, Johnson, Palouse, Vay, Jochims, Sulch, are very stony and contain volcanic ash | Cryic/ Udic | 30 or less | 20-100 | Long cold winters | Alpine meadows/ Above timberline forest, spruce-fir forest, western redcedar forest, and mixed conifer forest. | Timber, alpine grassland, meadowland, wetlands, open high alpine forest, or just forested. Wildlife habitat and recreation. | |
| 15f. Chewaucan Mountains and Breaks | 1886 | Un glaciated. Dissected mountains consisting of mountain slopes, mountain ridges, conical peaks, narrow valleys, and canyons. 3000-6000 400-2000 | Quaternary loess and volcanic ash and colluvium. Tertiary granitic and Precambrian igneous, quartzite, and limestone. | Andisols (Udalfs, Haploperolls, Vitrialfisols, Argiolls, Haploperolls, Durixerolls, Haploperolls) | Jacob, Bonder, Brenden, Rapp, Trenchard, Adkins, Adkins, Woodring | Frigid, Cryic/ Udic | 30-55 | 50-100 | 1753; 4381 | Cedar-pine forest/ Grand fir-Douglas-fir western redcedar forest, lodgepole pine, white pine, western larch, mountain hemlock, and scattered Douglas-fir forest. | Forest: Logging, wildlife habitat, livestock grazing, and recreation. | |
| 15g. Lower Chewaucan Canyons | 393 | Un glaciated. Deep canyons. 1000-1400 800-2000 | Tertiary basins and slopes. Tertiary basalts. | Mollisols (Agroperolls) | Klickitat, Blomquist, Kentonch, Jackson, Curlyon, Tange | Frigid, Mesic/ Xeric | 12-32 | 70-140 | 2478; 3478 | Wheatgrass-bluegrass and western ponderosa pine forest/ Semiarid Idaho fescue, bluegrass, and mixed conifer forest. | Forest- and grass-covered. Logging, recreation, and wildlife habitat. | |
| 15m. Kootenai Valley | 207 | Glaciated. Broad-valley containing the meandering Kootenai River. Dikes are not seen on the flood plain. 1000-3000 400-2000 | Quaternary alluvium and glacial lake sediments with minor amounts of volcanic ash. Cretaceous granites. | Alfisols (Haploperolls, Haploperolls, Haploperolls) | Rubens, Washburn, Rita, Schrocken, Poyntz, Cook | Frigid, Mesic/ Xeric | 20-30 | 100-140 | 1812; 3036 | Western ponderosa pine forest, Douglas-fir forest, western redcedar forest, western white pine forest, and western yellow pine forest. | Small grain, alfalfa hay, hay, and clover and alfalfa. Irrigated cropland, recreation, and wildlife habitat. | |
| 15n. Wetpre Prairie | 269 | Greatly sloping to rolling plateau dissected by canyons. 2000-3700, mostly 50-400 100-1000 | Quaternary loess and volcanic ash, alluvium, and lacustrine sediments. Tertiary basalts. | Mollisols (Agroperolls, Argiolls, Haploperolls, Alfisols (Fragialfisols), Andisols (Udalfs)) | Kanake, Koshik, Rogan, Lyland, Curlyon, Tange | Frigid, Mesic/ Xeric, Udic | 23-40 | 70-150 | 2078; 3492 | Western ponderosa pine forest, cedar-pine forest, western redcedar forest, western white pine forest, and western yellow pine forest. | Forest, cropland or pastureland. Logging, grazing, hay, and other uses. | |
| 15o. Coeur d'Alene Metasedimentary Zone | 1766 | Rugged mountains, steep mountain slopes, peaks, ridges, and foothills with narrow valleys. 2000-6000 200-2000 | Quaternary volcanic ash and colluvium. Tertiary igneous and igneous rocks. | Andisols (Udalfs, Haploperolls, Alfisols (Haploalfisols)) | Boldrebeck, Vay, Aps, Pincenec, Honeoye, Hays | Frigid, Cryic/ Udic, Xeric | 30-40 | 30-120 | 3084; 4082 | Cedar-hemlock-pine forest/ Douglas-fir forest, western redcedar forest, western white pine forest, and western yellow pine forest. | Forest: Logging, grazing, wildlife habitat, and recreation. Some areas have locally important fish and farm forests. | |
| 15p. St. Joe Schist-Gneiss | 281 | Partly glaciated. Shale-prone mountains dissected by a large number of high gradient streams that receive epifaunal sedimentation from landslides. 2000-4000 400-2000 | Quaternary alluvium and colluvium. Mostly Tertiary metamorphic, volcanic, and sedimentary rocks. | Andisols (Udalfs, Haploperolls, Vitrialfisols, Argiolls, Haploperolls, Durixerolls, Haploperolls) | Boldrebeck, Nason, Alkermund, Honeoye, Hays, Kanake, Brouha, Grandway, Tolson | Frigid, Cryic/ Udic, Xeric | 24-45 | 30-110 | 2073; 3036 | Cedar-hemlock-pine forest/ Lower alpine forest, western yellow pine forest, western larch forest, and mixed conifer forest. | Forest: Logging, livestock grazing, mining, recreation, and wildlife habitat. | |
| 15q. Purcell-Cascade-North Bitterroot Mountains | 670 | Un glaciated. Dissected rugged mountains containing many mountain slopes, peaks, ridges, foothills, narrow valleys, and a few lake. 2000-6000 400-1000 | Quaternary volcanic ash, glacial till, glacial fluvial deposits, and alluvium. Precambrian igneous, quartzite, and siltite. | Andisols (Udalfs, Natrigisols, Vitrialfisols) | Paul O'Neill, Mulheisenec, Deford, Vay | Frigid, Cryic/ Udic | 30-50 | 70-110 | 1670; 3036 | Mostly cedar-hemlock-pine forest, higher elevation western spruce-fir forest, western redcedar forest, western white pine forest, and western yellow pine forest. | Forest: Logging, wildlife habitat, and recreation. | |
| 15r. Spokane Valley Outreach Plateau | 352 | Un glaciated. Rolling plateau that includes the southern end of the Bend, Redford, and Bonville Plateaus, and the Spokane Plateau. 2100-2000 400-2000 | Fluvio-glacial terraces, flood plains, and alluvium. Tertiary granitic and Precambrian igneous, quartzite, and limestone. | Inceptisols (Dystricceptisols, Haploperolls) | Avonville, Kootenai, Garton, Bonner | Frigid, Mesic/ Xeric, Udic | 15-35 | 90-170 | 2124; 3036 | Forest, pastureland, and cropland. Logging, recreation, and wildlife habitat. | Forest, pastureland, and cropland. Logging, recreation, and wildlife habitat. | |
| 15s. Inland Maritime Foothills and Valleys | 1061 | Partly glaciated. Foothills, low hills, and wide floodplains of the Ford O'Neill and Poyntz rivers. 2100-4000 400-2000 | Quaternary loess and volcanic ash, alluvium, and lacustrine sediments. Tertiary granitic and Precambrian igneous, quartzite, and siltite. | Mollisols (Agroperolls, Argiolls, Haploperolls, Alfisols (Fragialfisols), Andisols (Udalfs)) | Paul O'Neill, Bonner, Jacob, Anthon | Frigid, Xeric, Udic | 30-55 | 50-120 | 1911; 4782 | Western ponderosa pine forest, cedar-pine forest, western redcedar forest, western white pine forest, and western yellow pine forest. | Forest, pastureland, and cropland. Logging, recreation, and wildlife habitat. | |
| 15t. Northern Idaho Hills and Low Relief Mountains | 1193 | Un glaciated. Hills and low mountains. 2000-5500 200-1000 | Quaternary volcanic ash, loess, and in river valleys, loess. Tertiary basalts and Precambrian igneous, quartzite, argillite, and siltite. | Mollisols (Agroperolls, Haploperolls, Alfisols (Haploalfisols), Andisols (Udalfs)) | Tange, Swan, Southfork, Lark, Kene, Lark, Poyntz, Logan | Frigid/Mesic/ Xeric, Udic | 22-45 | 50-130 | 2103; 3036 | Cedar-hemlock-pine forest, western ponderosa pine forest, western redcedar forest, western white pine forest, western hemlock-sitka spruce forest, and mixed conifer forest. | Forest: Logging, livestock grazing, recreation, and wildlife habitat, and recreation. | |

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