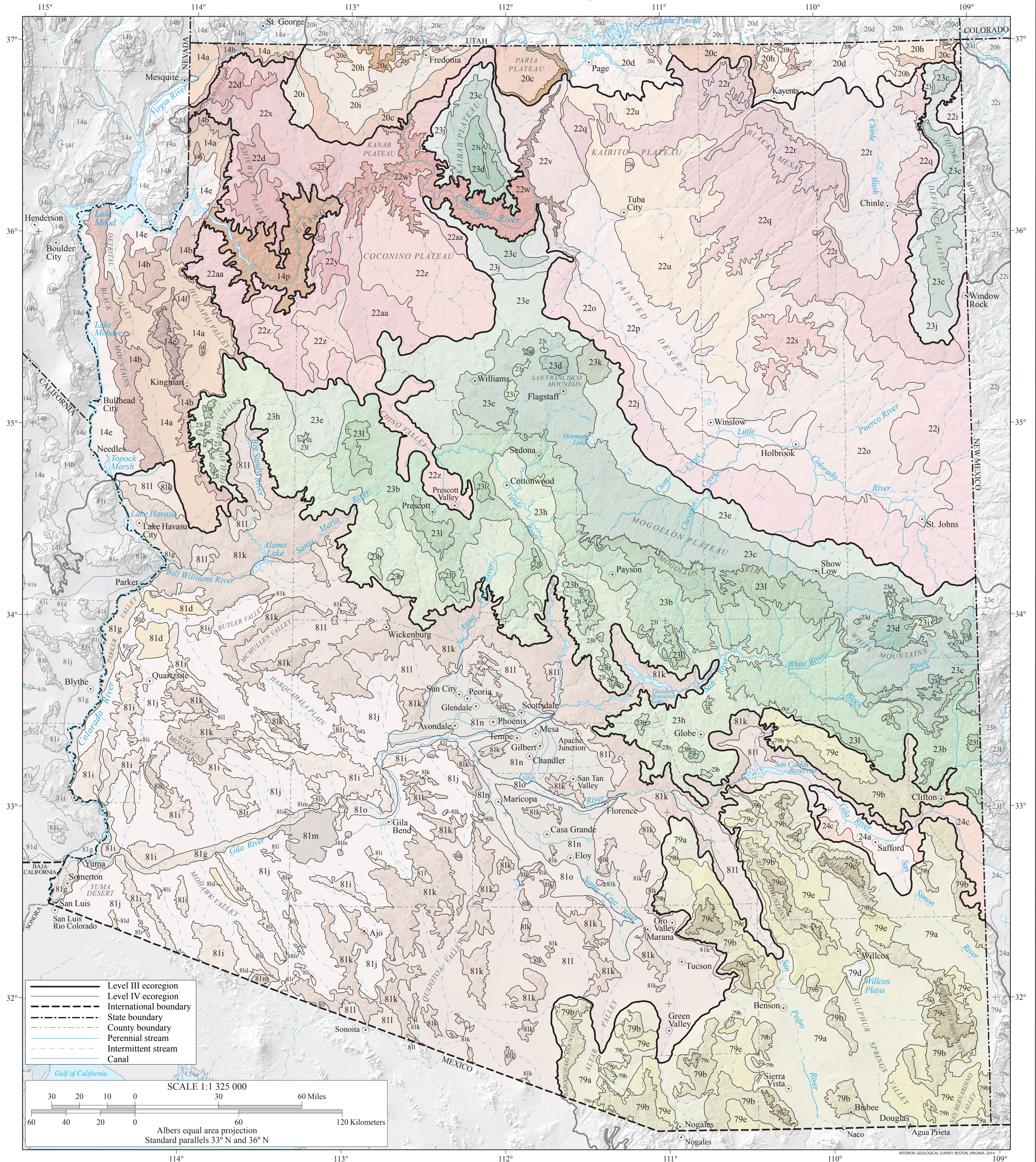


# Level III and IV Ecoregions of Arizona



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|--|--|--|--|
| <b>14 Mojave Basin and Range</b>                   | <b>22 Arizona/New Mexico Plateau</b>           | <b>23 Arizona/New Mexico Mountains</b>   | <b>79 Madrean Archipelago</b>                  |
| 14a Eastern Mojave Basins                          | 22d Virgin/Shivwits Woodland                   | 23b Madrean Lower Montane Woodlands      | 79a Apachian Valleys and Low Hills             |
| 14b Eastern Mojave Low Ranges and Arid Footslopes  | 22i San Juan/Chaco Tablelands and Mesas        | 23c Montane Conifer Forests              | 79b Lower Madrean Woodlands                    |
| 14c Eastern Mojave Mountain Woodland and Shrubland | 22j Semiarid Tablelands                        | 23d Arizona/New Mexico Subalpine Forests | 79c Madrean Pine-Oak and Mixed Conifer Forests |
| 14e Arid Valleys and Canyonlands                   | 22o Northeast Arizona Shrub-Grasslands         | 23e Conifer Woodlands and Savannas       | 79d Willcox Playa                              |
| 14f Mojave Playas                                  | 22p Little Colorado Valley/Painted Desert      | 23h Lower Mogollon Transition            | 79e Madrean Basin Grasslands                   |
| 14p Lower Grand Canyon                             | 22q Dinétah Tablelands                         | 23i Montane and Subalpine Grasslands     |  |
|  | 22r Mesa Highlands                             | 23j Northern Woodlands and Sagebrush     | <b>81 Sonoran Basin and Range</b>              |
| <b>20 Colorado Plateaus</b>                        | 22s Hopi Buttes                                | 23k Sunset Crater Volcanics              | 81d Sand Hills/Sand Dunes                      |
| 20c Semiarid Benchlands and Canyonlands            | 22t Chinle Valley and Mesas                    | 23l Mogollon Transition Conifer Forests  | 81g Lower Colorado/Lower Gila River Valleys    |
| 20d Arid Canyonlands                               | 22u Kaibito/Moenkopi Sandy Plateaus            |  | 81i Central Sonoran/Colorado Desert Mountains  |
| 20e Escarpments                                    | 22v Marble Platform                            | <b>24 Chihuahuan Deserts</b>             | 81j Central Sonoran/Colorado Desert Basins     |
| 20h Sand Deserts                                   | 22w Grand Canyon                               | 24a Chihuahuan Basins and Playas         | 81k Arizona Upland/Eastern Sonoran Mountains   |
| 20i Cold Desert Sagebrush-Grasslands               | 22x Arizona Strip Plateaus                     | 24c Low Mountains and Bajadas            | 81l Arizona Upland/Eastern Sonoran Basins      |
|  | 22y Uinkaret/Aubrey Montane Conifer Forest     |  | 81m Sonoran Lava Fields                        |
|  | 22z Chino/Coconino Grasslands and Shrub-Steppe |  | 81n Gila/Salt Intermediate Basins              |
|  | 22aa Hualapai/Coconino Woodlands               |  | 81o Middle Gila/Salt River Floodplains         |
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Griffith, G.E., Omernik, J.M., Johnson, C.B., and Turner, D.S., 2014, Ecoregions of Arizona (poster): U.S. Geological Survey Open-File Report 2014-1141, with map, scale 1:1,325,000, <http://dx.doi.org/10.3133/ofr20141141>.

Ecoregions denote areas of general similarity in ecosystems and in the type, quality, and quantity of environmental resources. They are designed to serve as a spatial framework for the research, assessment, management, and monitoring of ecosystems and ecosystem components. These general purpose regions are critical for structuring and implementing ecosystem management strategies across federal agencies, state agencies, and nongovernment organizations that are responsible for different types of resources within the same geographical areas. Compilation of this map is based on the premise that ecological regions can be identified through the analysis of patterns of biotic and abiotic phenomena, and both terrestrial and aquatic characteristics. These 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. The Ecoregions of Arizona map was compiled at a scale of 1:250,000. The map was part of a collaborative project between USGS, US EPA National Health and Environmental Effects Research Laboratory (Corvallis, Oregon), US EPA Region 9, USDA-NRCS, USDA-FS, Arizona state environment and natural resource agencies, as well as with other collaborators and contributors.

The project is associated with interagency efforts to develop a common framework of ecological regions. Reaching that objective requires recognition of the differences in the conceptual approaches and mapping methodologies applied to develop the most common ecoregion-type frameworks, including those developed by the USDA-Forest Service, the US EPA, and the NRCS. As each of these frameworks is further refined, their differences are becoming less discernible. Collaborative ecoregion projects, such as this one in Arizona, are a step toward attaining consensus and consistency in ecoregion frameworks for the entire nation.

