

Principal (or other) aquifer name	Lithology	Area, sq. km	Area, sq. mi
Ada-Vamoosa aquifer	Sandstone aquifers	6,375	2,461
Arbuckle-Simpson aquifer	Carbonate-rock aquifers	2,229	861
Basin and Range basin-fill aquifers	Unconsolidated sand and gravel aquifers	381,861	147,436
Basin and Range carbonate-rock aquifers	Carbonate-rock aquifers	41,309	15,949
Biscayne aquifer	Carbonate-rock aquifers	9,255	3,573
Blaine aquifer	Carbonate-rock aquifers	9,061	3,499
California Coastal Basin aquifers	Unconsolidated sand and gravel aquifers	26,418	10,200
Cambrian-Ordovician aquifer systems	Sandstone aquifers	459,386	177,369
Castle Hayne aquifer	Carbonate-rock aquifers	63,283	24,434
Central Oklahoma aquifer	Sandstone aquifers	7,298	2,818
Central Valley aquifer system	Unconsolidated sand and gravel aquifers	52,592	20,306
Coastal lowlands aquifer system	Semiconsolidated sand aquifers	256,126	98,890
Colorado Plateaus aquifers	Sandstone aquifers	369,390	142,621
Columbia Plateau aquifer system (Basaltic-rock aquifers)	Basalt and other volcanic-rock aquifers	112,719	43,521
Columbia Plateau aquifer system (basin-fill deposits)	Unconsolidated-deposit aquifers	37,403	14,441
Denver Basin aquifer system	Sandstone aquifers	17,626	6,805
Early Mesozoic basin aquifers	Sandstone aquifers	19,063	7,360
Edwards-Trinity aquifer system	Sandstone and carbonate-rock aquifers	194,403	75,059
Floridan aquifer system	Carbonate-rock aquifers	262,312	101,279
Glacial aquifer system	Unconsolidated sand and gravel aquifers	2468653	953,148
Hawaiian volcanic-rock aquifers	Basalt and other volcanic-rock aquifers	16677	6,439
High Plains aquifer	Unconsolidated sand and gravel aquifers	457,009	176,451
Jacobsville aquifer	Sandstone aquifers	11,300	4,363
Kingshill aquifer (Virgin Islands)	Carbonate-rock aquifers	99	38
Lower Cretaceous aquifer	Sandstone aquifers	1,171,708	452,396
Lower Tertiary aquifers	Sandstone aquifers	225,127	86,922
Miocene basaltic-rock aquifers	Basalt and other volcanic-rock aquifers	172,697	66,678
Mississippi embayment aquifer system	Semiconsolidated sand aquifers	343,311	132,552
Mississippi River Valley alluvial aquifer	Unconsolidated sand and gravel aquifers	84,522	32,634
Mississippian aquifer of Michigan (Marshall)	Sandstone aquifers	57,666	22,265
Mississippian aquifers	Sandstone and carbonate-rock aquifers	404,546	156,195
New England crystalline-rock aquifers	Not a principal aquifer on the US map	183,031	70,668
New York and New England carbonate-rock aquifers	Carbonate-rock aquifers	21,476	8,292
New York Sandstone aquifers	Sandstone aquifers	8,594	3,318
Northern Atlantic Coastal Plain aquifer system	Semiconsolidated sand aquifers	114,767	44,312
Northern California volcanic-rock aquifers	Basalt and other volcanic-rock aquifers	16,147	6,234

Northern Rocky Mountains Intermontane Basins aquifer systems	Unconsolidated sand and gravel aquifers	38,712	14,947
Ordovician aquifers	Carbonate-rock aquifers	13,635	5,265
Ozark Plateaus aquifer system	Carbonate-rock aquifers	156,459	60,409
Pacific Northwest basin-fill aquifers	Unconsolidated sand and gravel aquifers	66,804	25,793
Paleozoic aquifers	Sandstone and carbonate-rock aquifers	707,906	273,322
Pecos River Basin alluvial aquifer	Unconsolidated sand and gravel aquifers	14,504	5,600
Pennsylvanian aquifers	Sandstone aquifers	309,628	119,547
Piedmont and Blue Ridge carbonate-rock aquifers	Carbonate-rock aquifers	3,259	1,258
Piedmont and Blue Ridge crystalline-rock aquifers	Crystalline-rock aquifers	224,007	86,489
Pliocene and younger basaltic-rock aquifers	Basalt and other volcanic-rock aquifers	33,831	13,062
Puerto Rico North Coast Limestone aquifer system	Carbonate-rock aquifers	2,220	857
Puerto Rico south coast aquifer	Unconsolidated sand and gravel aquifers	420	162
Puget-Willamette Lowland aquifer system	Unconsolidated sand and gravel aquifers	26,257	10,138
Rio Grande aquifer system	Unconsolidated sand and gravel aquifers	75,757	29,250
Roswell Basin aquifer system	Carbonate-rock aquifers	6,509	2,513
Rush Springs aquifer	Sandstone aquifers	3,589	1,386
Seymour aquifer	Unconsolidated sand and gravel aquifers	9,080	3,506
Silurian-Devonian aquifers	Carbonate-rock aquifers	259,797	100,308
Snake River Plain basaltic-rock aquifers	Basalt and other volcanic-rock aquifers	24,824	9,585
Snake River Plain basin-fill aquifers	Unconsolidated sand and gravel	12,546	4,844
Southeastern Coastal Plain aquifer	Semiconsolidated sand aquifers	394,424	152,287
Southern Nevada volcanic-rock aquifers	Basalt and other volcanic-rock aquifers	5,056	1,952
Surficial aquifer system	Unconsolidated sand and gravel aquifers	203,699	78,648
Texas coastal uplands aquifer system	Semiconsolidated sand aquifers	167,468	64,659
Unconsolidated sand and gravel aquifer	Unconsolidated sand and gravel aquifers	178,320	68,849
Upper Carbonate aquifer	Carbonate-rock aquifers	14,063	5,430
Upper Cretaceous aquifers	Sandstone aquifers	299,276	115,551
Valley and Ridge aquifers (both carbonate and sanstone?)	Sandstone and carbonate-rock aquifers	79,308	30,621
Valley and Ridge carbonate-rock aquifers	Sandstone and carbonate-rock aquifers	39,775	15,357
Volcanic- and sedimentary-rock aquifers	Basalt and other volcanic-rock aquifers	102,423	39,545
Wyoming Tertiary aquifers (Upper Tertiary aquifers?)	Sandstone aquifers	7,985	3,083