

Watersheds in New Mexico

A watershed is a land area from which precipitation runs off or infiltrates to a stream, river, lake, or underground aquifer. Any land area, whether forested wilderness or an urban parking lot, is part of a watershed. Just as small streams flow into larger rivers, many small watersheds make up a large watershed, such as a river basin. The quantity and quality of water will be affected by the characteristics of the watershed, including geology, soils, plants, animals, land use practices, and

pollutants present in the watershed.

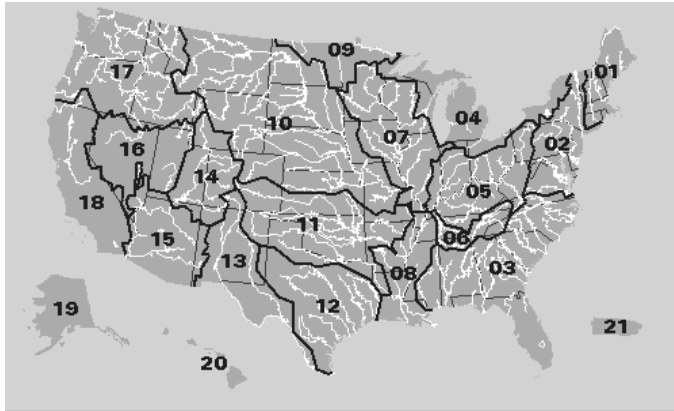


Figure 1: Hydrologic Regions in the U.S.

The United States Geological Survey has designated twenty-one major regions (river basins) for the nation (see Figure 1). Regions are further divided into subregions, accounting units, and cataloging units. Each level of classification adds two digits to the number used to identify a drainage area. Cataloging units, therefore, are identified with an eight-digit number, and are often referred to as “8-digit watersheds.”

New Mexico contains portions of five regions: Arkansas-White-Red, Texas Gulf, Upper Colorado, Lower Colorado, and the Rio Grande. Within New Mexico the Rio Grande region is divided into two subregions, the Pecos and the Rio Grande (see figure 2).

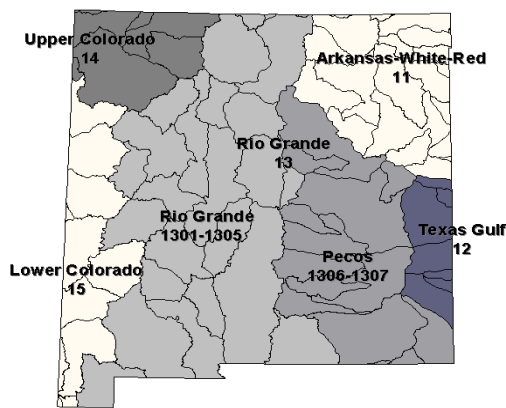


Figure 2: Hydrologic Regions and subregions in New Mexico

There are eighty-three 8-digit watersheds in New Mexico. Each represents part of a surface drainage basin, a combination of drainage basins, or a distinct hydrologic feature. Federal and state agencies often use 8-digit watershed boundaries in programs that address water quality and non-point source pollution. The attached map shows the watersheds (outlined and labeled in red) in relation to political boundaries and watercourses.

Soil and water conservation districts (SWCDs) conduct programs and projects that affect watersheds and watershed health. This information on watersheds is useful to identify which SWCD(s) would be potential partners on a watershed project, and which local or county government(s) might need

to be involved in activities on a particular watershed. It may also be useful in assessing the impact of federal or state government rules and regulations that are implemented by watershed. The attached pages will allow you to locate a watershed by its name or 8-digit number, and also identify SWCDs that contain, or are contained within, each watershed.

Watersheds - listed by Soil and Water Conservation District

Border	Chaves	East Rio Arriba	Lava	Quemado	Southwest Quay
12050001	12080001	11080004	13020204	13020206	11080006
12080001	13060003	13010002	13020205	13020208	11080008
13060003	13060005	13010005	13020206	15020001	11090101
13060005	13060006	13020101	13020207	15020002	11120101
13060007	13060007	13020102	13020209	15020003	13060001
	13060008	13020202	15020004	15020004	13060003
Caballo	13060009			15040004	13060004
13030101		East Torrance	Lea		
13030102	Ciudad	13020203	12080001	Roosevelt	Taos
13030103	13020201	13050001	12080003	12050001	11080001
13030202	13020202	13050002	12080004	12050002	11080002
	13020203	13060001	12080006	12080001	11080004
Canadian River	13020204	13060002	13060007	13060003	13010002
11080003	13050001	13060003	13060011		13020101
11080005			13070001	Salado	13020102
11080006	Claunch-Pinto	Edgewood	13070007	13020203	
11080007	13020203	13020201		13020204	Tierra Y Montes
11080008	13020210	13050001	McKinley	13020206	11080003
11090101	13050001	13060001	13020204	13020207	11080004
11090102	13050002	13060002	13020205	13020208	11080005
11120101	13050003		13020206	13020209	11080006
13060001	13060003	Grant	13020207	13020211	13020201
13060004	13060006	13030101	14080106	15020003	13050001
		13030102	15020003	15040001	13060001
Carlsbad	Colfax	13030202	15020004		13060002
13050004	11020010	15040001	15020006	San Francisco	
13060011	11040001	15040002		13020208	Upper Chama
13070001	11080001	15040003	Mesa	15020001	13020102
13070002	11080002	15040004	11080003	15020003	14080101
	11080003		11080006	15040001	
Carrizozo	11080004	Guadalupe	11080007	15040002	Upper Hondo
13020210	11080007	11080005		15040004	13050003
13050001	11090104	11080006	Mora-WagonMound		13060005
13050002	13020101	13060001	11080003	San Juan	13060008
13050003		13060002	11080004	14080101	13060009
13060005	Coronado	13060003		14080103	
13060006	13020201	13060004	Northeastern	14080104	Ute Creek
13060008	13020202		11020010	14080105	11080006
	13020203	Hagerman-Dexter	11040001	14080106	11080007
Central Curry		12080001	11040002	14080107	11090102
11090101	Cuba	12080003	11080006		
11120101	13020101	13060007	11080007	Santa Fe-Pojoaque	Valencia
11120102	13020102	13060009	11090101	13020101	13020203
12050001	13020201	13060011	11090102	13020102	13020204
12050002	13020202	13070007	11090103	13020201	13020207
12050005	13020204		11090104	13020202	13020209
13060003	13020205	Hidalgo	11100101	13060001	13050001
13060004	14080101	13030201			
	14080103	15040002	Otero	Sierra	Western Mora
Central Valley	14080106	15040003	13050003	13020203	11080003
13060007	De Baca	15040004	13050004	13020210	11080004
13060009	13060001	15040006	13060008	13020211	13020101
13060010	13060003	15080302	13060009	13030101	13060001
13060011	13060004	15080303	13060010	13030102	
13070007	13060005	LaUnion	13060011	13030103	
		13030102		13030202	
	Deming	13030103	Penasco	13050003	
	13030201	13030202	13050004	15040001	
	13030202	13050003	13060007	Socorro	
	15040003		13060009	13020203	
			13060010	13020204	
			13060011	13020209	
				13020210	
				13050003	

Soil and Water Conservation Districts - listed by watershed

11020010 Colfax Northeastern	11100101 Northeastern	13020203 Ciudad	13030202 Caballo	13060005 Border	14080107 San Juan
11040001 Colfax Northeastern	11120101 Canadian River Central Curry Southwest Quay	13020204 Claunch-Pinto Coronado East Trrance	13050001 Deming Grant LaUnion Sierra	13060006 Carrizozo Chaves De Baca Upper Hondo	15020001 Quemado San Francisco
11040002 Northeastern	11120102 Central Curry	13020205 Cuba Lava McKinley	13050002 Carrizozo Ciudad Claunch-Pinto East Trrance Edgewood Tierra Y Montes Valencia	13060007 Carrizozo Chaves Claunch-Pinto	15020002 Quemado
11080001 Colfax Taos	12050001 Border Central Curry Roosevelt	13020206 Cuba Lava McKinley	13050003 Carrizozo Claunch-Pinto East Trrance	13060008 Border Central Valley Chaves Hagerman-Dexter Lea Penasco	15020003 McKinley Quemado Salado San Francisco
11080002 Colfax Taos	12050002 Central Curry Roosevelt	13020207 Lava McKinley	13050004 Carrizozo Claunch-Pinto LaUnion Otero Sierra Socorro Upper Hondo	13060009 Central Valley Chaves Hagerman-Dexter Otero Penasco Upper Hondo	15020004 Lava McKinley Quemado
11080003 Canadian River Colfax Mesa Mora-WagonMnd Tierra Y Montes Western Mora	12050005 Central Curry	13020208 Quemado Salado	13060001 Canadian River De Baca East Trrance Edgewood Guadalupe Santa Fe- Pojaq. Southwest Quay Tierra Y Montes Western Mora	13060010 Central Valley Otero Penasco	15020006 McKinley
11080004 Colfax East Rio Arriba Mora-WagonMnd Taos Tierra Y Montes Western Mora	12080001 Border Chaves Hagerman-Dexter Lea Roosevelt	13020209 Lava Salado Valencia	13060002 Carrizozo Claunch-Pinto De Baca East Trrance Edgewood Guadalupe Hagerman-Dexter Lea Otero Penasco	13060011 Central Valley Otero Penasco Carlsbad Central Valley Hagerman-Dexter Lea Otero Penasco	15040001 Grant Salado San Francisco Sierra
11080005 Canadian River Guadalupe Tierra Y Montes	12080003 Hagerman-Dexter Lea	13020210 Carrizozo Claunch-Pinto Sierra Socorro	13060003 Border Central Curry Chaves Claunch-Pinto De Baca East Trrance Guadalupe Roosevelt Southwest Quay	13070001 Carlsbad Lea	15040002 Grant Hidalgo San Francisco
11080006 Canadian River Guadalupe Mesa Northeastern Southwest Quay Tierra Y Montes Ute Creek	12080004 Lea	13020211 Salado Sierra	13060004 Carrizozo Edgewood Guadalupe Tierra Y Montes Western Mora	13070002 Carlsbad	15040003 Deming Grant Hidalgo
11080007 Canadian River Colfax Mesa Northeastern Ute Creek	12080005 Lea	13020212 Carrizozo Claunch-Pinto	13060005 Border Central Curry Chaves Claunch-Pinto De Baca East Trrance Guadalupe Roosevelt Southwest Quay	13070003 Central Valley Hagerman-Dexter Lea	15040004 Grant Hidalgo Quemado San Francisco
11080008 Canadian River Southwest Quay	13010002 East Rio Arriba Taos	13030101 Caballo Grant Sierra	13060006 Border Central Curry Chaves Claunch-Pinto De Baca East Trrance Guadalupe Roosevelt Southwest Quay	13070004 Central Valley Hagerman-Dexter Lea	15040006 Hidalgo
11090101 Canadian River Central Curry Northeastern Southwest Quay	13010005 East Rio Arriba	13030102 Caballo Grant	13060007 Border Central Curry Chaves Claunch-Pinto De Baca East Trrance Guadalupe Roosevelt Southwest Quay	13070005 Central Valley Hagerman-Dexter Lea	15080302 Hidalgo
11090102 Canadian River Northeastern Ute Creek	13020101 Colfax Cuba East Rio Arriba Santa Fe- Pojaq. Taos Western Mora	13030103 Caballo LaUnion Sierra	13060008 Border Central Curry Chaves Claunch-Pinto De Baca East Trrance Guadalupe Roosevelt Southwest Quay	13070006 Central Valley Hagerman-Dexter Lea	15080303 Hidalgo
11090103 Northeastern	13020102 Cuba East Rio Arriba Santa Fe- Pojaq.	13030201 Deming Hidalgo	13060009 Border Central Valley Chaves Claunch-Pinto De Baca East Trrance Guadalupe Roosevelt Southwest Quay	14080101 Cuba San Juan Upper Chama	
11090104 Colfax Northeastern	13020201 Ciudad Coronado Cuba East Rio Arriba Santa Fe- Pojaq.		13060010 Canadian River Central Curry De Baca Guadalupe Southwest Quay	14080102 Cuba San Juan	

Watersheds - numerical listing

11020010	Purgatoire, NM, CO.	13030103	Jornada Draw, NM
11040001	Cimarron Headwaters, NM, CO, OK.	13030201	Playas Lake, NM
11040002	Upper Cimarron, NM, CO, OK, KS.	13030202	Mimbres, NM
11080001	Canadian Headwaters, NM, CO.	13050001	Western Estancia , NM
11080002	Cimarron, NM.	13050002	Eastern Estancia, NM
11080003	Upper Canadian, NM.	13050003	Tularosa Valley, NM, TX
11080004	Mora, NM.	13050004	Salt Basin, NM, TX
11080005	Conchas, NM	13060001	Pecos Headwaters, NM
11080006	Upper Canadian-Ute Reservoir, NM, TX	13060002	Pintada Arroyo, NM
11080007	Ute, NM	13060003	Upper Pecos, NM
11080008	Revuelto, NM	13060004	Taiban, NM
11090101	Middle Canadian-Trujillo, NM, TX	13060005	Arroyo Del Macho, NM
11090102	Punta De Agua, NM, TX	13060006	Gallo Arroyo, NM
11090103	Rita Blanca, NM, OK, TX	13060007	Upper Pecos-Long Arroyo, NM
11090104	Carrizo, NM, TX	13060008	Rio Hondo, NM
11100101	Upper Beaver, NM, OK, TX	13060009	Rio Felix, NM
11120101	Tierra Blanca, NM, TX	13060010	Rio Penas CO, NM
11120102	Palo Duro, NM, TX	13060011	Upper Pecos-Black, NM, TX
12050001	Yellow House Draw, NM, TX	13070001	Lower Pecos-Red Bluff Reservoir, NM, TX
12050002	Blackwater Draw, NM, TX	13070002	Delaware, NM, TX
12050005	Running Water Draw, NM, TX	13070007	Landreth-Monument Draws, NM, TX
12080001	Lost Draw, NM, TX	14080101	Upper San Juan, CO, NM
12080003	Monument-Seminole Draws, NM, TX	14080103	Blanco Canyon, NM
12080004	Mustang Draw, NM, TX	14080104	Animas, CO, NM
12080006	Sulphur Springs Draw, NM, TX	14080105	Middle San Juan, AZ, CO, NM
13010002	Alamosa-Trinchera, CO, NM	14080106	Chaco, AZ, NM
13010005	Conejos, CO, NM	14080107	Mancos, CO, NM
13020101	Upper Rio Grande, CO, NM	14080201	Lower San Juan-Four Corners, AZ, CO, NM, UT.
13020102	Rio Chama, CO, NM	14080204	Chinle, AZ, NM, Ut.
13020201	Rio Grande-Santa Fe, NM	15020001	Little Colorado Headwaters, AZ, NM
13020202	Jemez, NM	15020002	Upper Little Colorado, AZ, NM
13020203	Rio Grande-Albuquerque, NM	15020003	Carrizo Wash, AZ, NM
13020204	Rio Puerco, NM	15020004	Zuni, AZ, NM
13020205	Arroyo Chico, NM	15020006	Upper Puerco, AZ, NM
13020206	North Plains, NM	15040001	Upper Gila, NM
13020207	Rio San Jose, NM	15040002	Upper Gila-Mangas, AZ, NM
13020208	Plains of San Agustin, NM	15040003	Animas Valley, AZ, NM
13020209	Rio Salado, NM	15040004	San Francisco, AZ, NM
13020210	Jornada Del Muerto, NM	15040006	San Simon, AZ, NM
13020211	Elephant Butte Reservoir, NM	15080302	San Bernardino Valley, AZ, NM
13030101	Caballo, NM	15080303	Cloverdale, NM
13030102	El Paso-Las Cruces, NM, TX		

Watersheds - alphabetical listing

13010002 Alamosa-Trinchera, CO, NM
15040003 Animas Valley, AZ, NM
14080104 Animas, CO, NM
13020205 Arroyo Chico, NM
13060005 Arroyo Del Macho, NM
12050002 Blackwater Draw, NM, TX
14080103 Blanco Canyon, NM
13030101 Caballo, NM
11080001 Canadian Headwaters, NM, CO.
15020003 Carrizo Wash, AZ, NM
11090104 Carrizo, NM, TX
14080106 Chaco, AZ, NM
14080204 Chinle, AZ, NM, Ut.
11040001 Cimarron Headwaters, NM, CO, OK.
11080002 Cimarron, NM.
15080303 Cloverdale, NM
11080005 Conchas, NM
13010005 Conejos, CO, NM
13070002 Delaware, NM, TX
13050002 Eastern Estancia, NM
13030102 El Paso-Las Cruces, NM, TX
13020211 Elephant Butte Reservoir, NM
13060006 Gallo Arroyo, NM
13020202 Jemez, NM
13020210 Jornada Del Muerto, NM
13030103 Jornada Draw, NM
13070007 Landreth-Monument Draws, NM, TX
15020001 Little Colorado Headwaters, AZ, NM
12080001 Lost Draw, NM, TX
13070001 Lower Pecos-Red Bluff Reservoir, NM, TX
14080201 Lower San Juan-Four Corners, AZ, CO, NM, UT.
14080107 Mancos, CO, NM
11090101 Middle Canadian-Trujillo, NM, TX
14080105 Middle San Juan, AZ, CO, NM
13030202 Mimbres, NM
12080003 Monument-Seminole Draws, NM, TX
11080004 Mora, NM.
12080004 Mustang Draw, NM, TX
13020206 North Plains, NM
11120102 Palo Duro, NM, TX
13060001 Pecos Headwaters, NM
13060002 Pintada Arroyo, NM
13020208 Plains of San Agustin, NM
13030201 Playas Lake, NM
11090102 Punta De Agua, NM, TX
11020010 Purgatoire, NM, CO.
11080008 Revuelto, NM
13020102 Rio Chama, CO, NM
13060009 Rio Felix, NM
13020203 Rio Grande-Albuquerque, NM
13020201 Rio Grande-Santa Fe, NM
13060008 Rio Hondo, NM
13060010 Rio Penas CO, NM
13020204 Rio Puerco, NM
13020209 Rio Salado, NM
13020207 Rio San Jose, NM
11090103 Rita Blanca, NM, OK, TX
12050005 Running Water Draw, NM, TX
13050004 Salt Basin, NM, TX
15080302 San Bernardino Valley, AZ, NM
15040004 San Francisco, AZ, NM
15040006 San Simon, AZ, NM
12080006 Sulphur Springs Draw, NM, TX
13060004 Taiban, NM
11120101 Tierra Blanca, NM, TX
13050003 Tularosa Valley, NM, TX
11100101 Upper Beaver, NM, OK, TX
11080003 Upper Canadian, NM.
11080006 Upper Canadian-Ute Reservoir, NM, TX
11040002 Upper Cimarron, NM, CO, OK, KS.
15040001 Upper Gila, NM
15040002 Upper Gila-Mangas, AZ, NM
15020002 Upper Little Colorado, AZ, NM
13060003 Upper Pecos, NM
13060011 Upper Pecos-Black, NM, TX
13060007 Upper Pecos-Long Arroyo, NM
15020006 Upper Puerco, AZ, NM
13020101 Upper Rio Grande, CO, NM
14080101 Upper San Juan, CO, NM
11080007 Ute, NM
13050001 Western Estancia , NM
12050001 Yellow House Draw, NM, TX
15020004 Zuni, AZ, NM

Watersheds and NM Soil and Water Conservation District Boundaries

The watersheds on this map, outlined and labeled in red, represent cataloging units, the smallest subdivisions of the U. S. Geological Survey's classification system for hydrologic units.

These "8-digit watersheds," so called because of the number used to identify them, are used by federal and state agencies in programs that address water quality and non-point source pollution.

Each watershed represents part of a surface drainage basin, a combination of drainage basins, or a distinct hydrologic feature.

There are 87 of these watersheds in New Mexico.

