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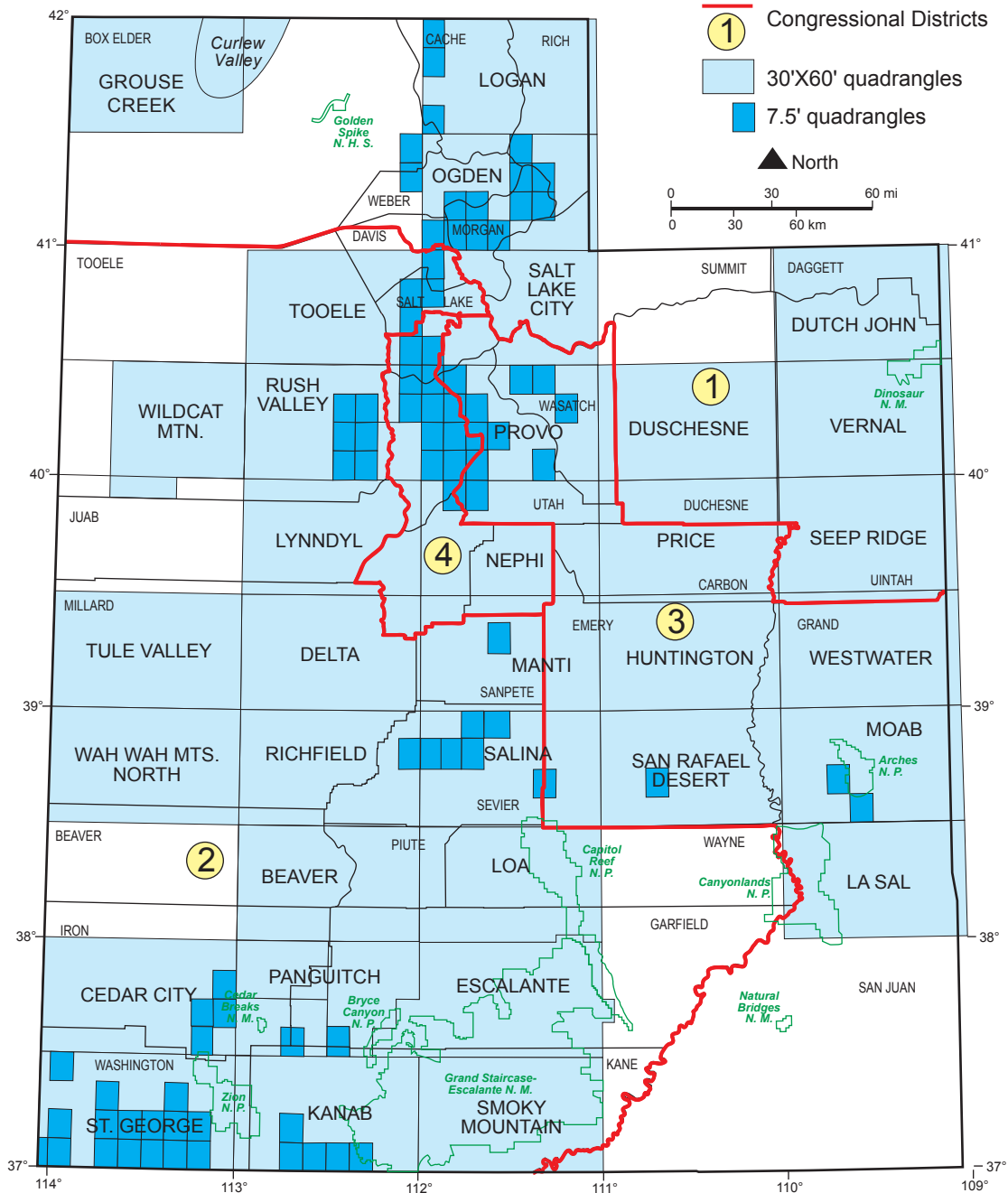


UTAH GEOLOGICAL SURVEY  
a division of  
UTAH DEPARTMENT OF  
NATURAL RESOURCES  
STATE OF UTAH

United States  
Geological Survey  *science for a changing world*

# National Cooperative Geologic Mapping Program

## UTAH 1993-2013



### Contact information

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## SUMMARY OF STATEMAP GEOLOGIC MAPPING PROGRAM IN UTAH

Fed Fiscal Year	Project Title (Quadrangle) 30'x60' quadrangles = 1:62,500-1:100,000 scale (noted if includes GIS database) 7.5' quadrangles = 1:24,000 scale (county listed)	Federal/State Dollars (50:50)	Total Project Dollars
93-01	30'x60' – GIS of Ogden, Smoky Mtn, Escalante, Kanab, Delta, Moab, LaSal, Dutch John, Provo, Wah Wah Mtns N., San Rafael Des, Nephi, Tule Valley, Richfield 7.5' – Richfield (Sevier); Midvale (Salt Lake); St. George, Washington, Santa Clara, White Hills, Harrisburg Junction, Hurricane, Washington Dome, The Divide, Pintura, Veyo (Washington); Moab, Merrimac Butte (Grand); Horse Ridge, Dairy Ridge, Lost Creek Dam, Francis Canyon, Peck Canyon, Snow Basin (Weber, Morgan, Rich); Center Crk (Wasatch); Cedar Fort, Saratoga Spr (Utah)	\$903,499	\$1,806,998
02	30'x60' – Vernal (pt 1); Salina E (pt 1); Provo (pt 3); GIS of Cedar City, Manti, Price 7.5' – Lehi, Jordan Narrows (Utah); Little Creek Mountain (Washington)	\$206,774	\$413,547
03	30'x60' – Vernal (pt 2); Salina E (pt 2); Beaver (pt 1); Provo (pt 4); Curlew Valley; GIS of Huntington, Westwater 7.5' – Magna, Copperton (Salt Lake); Tickville Spring (Salt Lake, Utah); Virgin (Washington); Morgan, Peterson (Morgan)	\$291,417	\$582,834
04	30'x60' – Vernal (pt 3); Loa E (pt 1); Beaver (pt 2); Provo (pt 5); GIS of Lynndyl 7.5' – Charleston (Wasatch); Kaysville (Davis); Plain City (Weber); Durst Mountain (Weber, Morgan); West Mountain Pk, Castle Cliff, Terry Benches (Washington)	\$274,923	\$549,846
05	30'x60' – Loa E (pt 2); Provo (pt 6); St George; GIS of Dutch John 7.5' – Spanish Fork, West Mountain, Goshen Valley, Soldiers Pass (Utah); Kanab (Kane)	\$226,749	\$453,498
06	30'x60' – Seep Ridge (pt 1); Provo (pt 7); Wildcat Mtn (pt 1); GIS of Vernal 7.5' – Provo, Lincoln Point, Springville (Utah); Farmington (Davis); Henrie Knolls (Kane, Iron, Garfield); Thompson Point (Kane); Willow Springs (Emery); Goldstrike (Washington)	\$212,686	\$425,372
07	30'x60' – Seep Rdg (pt 2); Caliente (Ut part); Wildcat Mtn (pt 2); GIS of St. George 7.5' – Orem, Pelican Point, and Rays Valley (Utah); Mt. Pisgah (Cache, Box Elder); Mt. Carmel (Kane); Temple Mountain (Emery)	\$246,075	\$507,420
08	30'x60' – Rush Valley (pt 1); Panguitch (pt 1); GIS of Seep Ridge, Provo 7.5' – Vernon, Vernon NE, and Lofgreen (Tooele); Trenton, Newton (Cache); Yellowjacket Canyon (Kane); Ephraim (Sanpete)	\$228,310	\$456,620
09	30'x60' – Rush Valley (pt 2); Panguitch (pt 2); Grouse Creek (pt 1); GIS of San Rafael Desert, Wildcat Mountain, Loa E 7.5' – Faust, St. John (Tooele); Santaquin, Payson Lake (Utah); Co-op Creek (Wasatch); George Mountain (Iron, Kane); Gooseberry Creek (Sevier)	\$252,975	\$505,950
10	30'x60' – Rush Valley (pt 3); Panguitch (pt 3); Grouse Creek (pt 2) 7.5' – Ophir (Tooele); Goshen Valley North (Utah); Devils Slide (Morgan, Summit); Johnson Lakes (Kane); Steves Mountain (Sevier)	\$230,956	\$461,912
11	30'x60' – Panguitch (pt 4); Grouse Creek (pt 3); GIS of Ogden 7.5' – Willard (Box Elder); Cedar City, Enoch, Kanarrville (pt 1) (Iron); Water Hollow Ridge (Sevier)	\$231,206	\$462,412
12	30'x60' – Duchesne (pt 1); GIS of Panguitch, Grouse Creek, Rush Valley 7.5' – Baileys Lake (Salt Lake); Cedar City, Enoch, Kanarrville (pt 2), Cedar City NW (Iron); Sigurd (Sevier)	\$198,907	\$397,814
13	30'x60' – Duchesne (pt 2); Tooele (pt 1); Loa W (pt 1); GIS of Salina E 7.5' – Salt Lake City North (Salt Lake); Rex Reservoir (Sevier)	\$185,072	\$370,144
<b>TOTALS</b>		<b>\$3,689,549</b>	<b>\$7,394,368</b>

Cooperative funding through the STATEMAP component of the National Cooperative Geologic Mapping Program has funded Utah Geological Survey new or digital compilation mapping of about thirty-two 30'x60' and eighty-six 7.5' quadrangles since 1993. Local, state, and federal land management agencies use these new maps to address a variety of issues, including ground-water location and protection, geologic hazards evaluation, resource protection and development, education, and tourism. For example, geologic maps of the St. George basin provided the foundation for a detailed study of the abundant geologic hazards that cause problems for construction in the rapidly growing area. New mapping in the Ogden 30'x60' quadrangle produced a major revision in the interpretation of the subsurface geology in the oil and gas field area of northeastern Utah, resulting in more accurate exploration strategies. New mapping near Lehi and Draper led to modification of roads and housing plans in new developments to avoid major landslides. Mapping in several national and state recreation areas led to new geologic interpretations and improved tourist information.