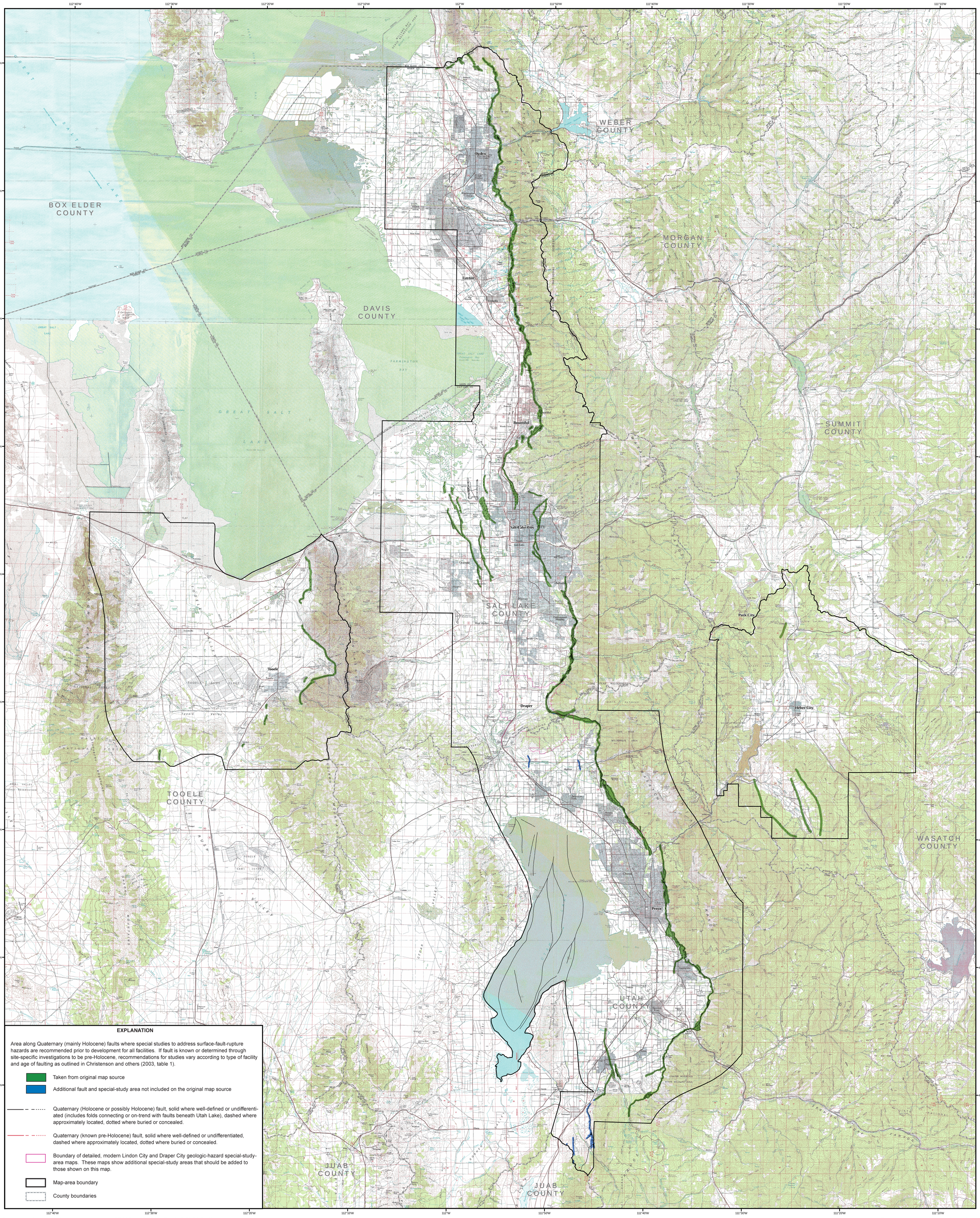
UTAH GEOLOGICAL SURVEY
a division of
Utah Department of Natural Resources

Supplement Map to Utah Geological Survey Circular 106
Surface Fault Rupture Special Study Areas, Wasatch Front, Utah



EXPLANATION

Area along Quaternary (mainly Holocene) faults where special studies to address surface-fault-rupture hazards are recommended prior to development for all facilities. If fault is known or determined through site-specific investigations to be pre-Holocene, recommendations for studies vary according to type of facility and age of faulting as outlined in Christenson and others (2003, table 1).

- Taken from original map source
- Additional fault and special-study area not included on the original map source
- Quaternary (Holocene or possibly Holocene) fault, solid where well-defined or undifferentiated (includes folds connecting or on-trend with faults beneath Utah Lake), dashed where approximately located, dotted where buried or concealed.
- Quaternary (known pre-Holocene) fault, solid where well-defined or undifferentiated, dashed where approximately located, dotted where buried or concealed.
- Boundary of detailed, modern Lindon City and Draper City geologic-hazard special-study-area maps. These maps show additional special-study areas that should be added to those shown on this map.
- Map-area boundary
- County boundaries

This map is a compilation of existing digital and hard-copy county maps and data, based on information provided in Utah Geological Survey (UGS) Circular 106 (see report for list of county and technical data sources); the UGS does not warrantee the content or accuracy of the original maps.

The GIS data provided in Circular 106 is for use at 1:24,000 scale only. This overview map at a scale of 1:200,000 is for general representation only, and should not be relied upon for other purposes.

Special studies for critical facilities should evaluate all hazards, even where outside special-study areas are shown on this map.

This map does not preclude the need for site-specific study.

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SEE ORIGINAL CITY OR COUNTY MAPS (PURPLE OUTLINES SHOW NEW MAPS AVAILABLE FOR LINDON CITY AND DRAPER CITY) FOR OFFICIAL SPECIAL-STUDY-AREA BOUNDARIES, AND SEE CITY OR COUNTY ORDINANCES AND REGULATIONS TO DETERMINE ACTUAL SPECIAL-STUDY REQUIREMENTS, WHICH MAY VARY FROM SPECIAL STUDIES RECOMMENDED HERE.

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Base from U.S. Geological Survey 1:100,000 Digital Raster Graphic.
Geologic data and base map in NAD 1983.

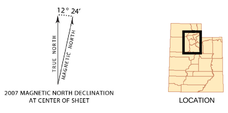
SCALE 1:200,000

0 5 10 20 30 Kilometers

0 5 10 20 30 Miles

Contour Interval 40 Feet

This overview map is based on Geographic Information System (GIS) data provided in UGS Circular 106. Circular 106 provides digital GIS data that requires specialized GIS software to view, analyze, and print. This supplemental overview map was created to illustrate the extent of the GIS data coverage and is for general informational purposes only.



SURFACE FAULT RUPTURE SPECIAL STUDY AREAS, WASATCH FRONT AND NEARBY AREAS, UTAH

Compiled by Gary E. Christenson and Lucas M. Shaw
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