DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

MISCELLANEOUS FIELD STUDIES
MAP MF-1269
SHEET 2 OF 2

| Number on map | Fault name | Fault location (specific outcrop localities where applicable): Longitude | Latitude | Quadrangle[1] | Field location | Observation dates: First observed | Last investigated | Fault type | Fault attitude: Strike | Dip and direction | Basement rocks affected by faulting (age) | Sedimentary rocks (or sediments) affected by faulting (age) | Displacement data (apparent offset): Greatest vertical | Marker horizon (age) | Greatest horizontal[2] | Marker horizon (age) | General information | Sources of information |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -- | 69°52' | 45°21' | The Forks, Me. 1956 15' | Northwest side of Moxie Pond dam near bed of Moxie Stream, 5 mi east of The Forks (town) | 1980 | 1980 | Vertical | N65°E | 90° | Carrabassett Formation slate (L. Dev.) | None | 1.5 in. (4 cm) | Glacial striations on slate (Pleist.) | -- | -- | Several faults are just below dam base; northwest side down | Norman L. Hatch, Jr., oral commun., 1980 |
| 2 | -- | 71°50' | 44°20' | Littleton, N.H. 1971 | Just below gateway near summit of Kilburn's Crag near Littleton, N.H. Kilburn's Crag is reportedly at north end of Walker Mountain just west of town | 1905 | 1905 | Vertical | E-W | 90° | Slate of the Littleton Formation (Devonian) | None | 0.25 in. (0.6 cm) | Glacial striations on slate (Pleist.) | -- | -- | South side down | Hitchcock, 1905, p. 28-29 Woodworth, 1907 |
| 3 | -- | 73°20' | 43°40' | Benson, Vt. 1946 | On east side of State Rt. 22A, about 2 mi north of Rt. 4 just north of Fair Haven, Vt. | 1970 | 1974 | Vertical | N20°E | 90° | Low-grade slate (Ordovician?) | None | 1.0 in. (2.5 cm) | Glacial striations on slate (Pleist.) | -- | -- | Two faults at locality (cumulative offset shown) | Oliver and others, 1970 |
| 4 | -- | 73°40' | 42°50' | Troy North, N.Y. 1954 | Hillsides north of Monroe St. just off Fourth Ave. in Troy, N.Y. | 1907 | 1970 | Vertical | N9°E to N47°E | 90° | Low-grade slate (Paleozoic) | None | 12.0 in. (30 cm) | Glacial striations on slate (Pleist.) | -- | -- | Four faults at locality down on the west side (cumulative offset shown) | |
| 5 | -- | 73°40' | 42°40' | Troy South, N.Y. 1953 | On High St. near Third Ave. in Rensselaer, N.Y. | 1907 | 1907 | Vertical | N.A. | 90° | Low-grade slate (Paleozoic) | None | 5.0 in. (12.5 cm) | Glacial striations on slate (Pleist.) | -- | -- | West side down | Woodworth, 1907 Oliver and others, 1970 |
| 6 | -- | 73°40' | 42°40' | Troy South, N.Y. 1953 | East road ditch 0.25 mi southeast of Defreestville Corners, N.Y. | 1907 | 1970 | Vertical | N13°E | 90° | Low-grade slate (Paleozoic) | None | 13.0 in. (33 cm) | Glacial striations on slate (Pleist.) | -- | -- | Eight faults at locality (cumulative offset shown) | |
| 7 | -- | 73°35' | 42°20' | Chatham, N.Y. 1953 | Close to road in rest area on Taconic State Parkway just north of Rt. 217 | 1970 | 1974 | Vertical | N32°E | 90° | Low-grade slate (Paleozoic) | None | 0.4 in. (1.0 cm) | Glacial striations on slate (Pleist.) | -- | -- | West side down | Oliver and others, 1970 |
| 8 | -- | 73°40' | 42°10' | Claverack, N.Y. 1945-60 | Western slope of hill about 0.75 mi northwest of Pumpkin Hollow and about 1.0 mi west of Copake Lake, just northwest of Lido's Bar and Grill | 1907 | 1970 | Reverse | N40°E | 65°SE | Low-grade slate (Paleozoic) | None | 2.0 in. (5 cm) | Glacial striations on slate (Pleist.) | -- | -- | -- | Woodworth, 1907 Oliver and others, 1970 |
| 9 | -- | 73°35' | 42°05' | Copake, N.Y. 1953 | State Rt. 22, on top of roadcut near Rt. 566, 1.0 mi north of Weed Mines and 0.75 mi south of Copake Central New England railroad station | 1907 | 1970 | Vertical | N12°E | 90° | Low-grade slate (Paleozoic) | None | 24 in. (61 cm) | Glacial striations on slate (Pleist.) | -- | -- | 45 faults at locality (cumulative offset shown) | Woodworth, 1907 |
| 10 | -- | 73°50' | 41°55' | Rock City, N.Y. 1963 | Dump on left side of Bulls Head Rd. at second power line west of Taconic State Parkway | 1970 | 1974 | Vertical | N24°E | 90° | Low-grade slate (Paleozoic) | None | 0.25 in. (0.6 cm) | Glacial striations on slate (Pleist.) | -- | -- | Five faults at locality | Oliver and others, 1970 |
| 11 | -- | 73°55' | 41°50' | Hyde Park, N.Y. 1963 | On ridge east of Hyde Park about 0.5 mi north of DeGraff's Tavern and about 0.5 mi east of Post Rd. | 1843 | 1843 | N.A. | N.A. | N.A. | Low-grade slate (Paleozoic) | None | N.A. | Glacial striations on slate (Pleist.) | -- | -- | -- | Mather, 1843, p. 156-157 |
| 12 | -- | 71°20' | 41°55' | Attleboro, Mass. 1935-64 | On Thatcher Rd. at intersection with railroad tracks a little more than a mile southwest of Attleboro, Mass. | 1907 | 1970 | Vertical | N54°E | 90° | Low-grade slate (Paleozoic) | None | 4.0 in. (10 cm) | Glacial striations on sandstone (Pleist.) | -- | -- | Five faults at locality in 100-ft (30-m)-wide zone (cumulative offset shown) | Woodworth, 1907 Oliver and others, 1970 |
| 13 | -- | 74°17' | 40°32' | Perth Amboy, N.J.-N.Y. 1956 | Old clay pits immediately east of junction of I-95 and U.S. Rt. 9 at head of Spa Spring just south of Woodbridge, N.J. | 1904 | 1904 | Normal | N.A. | N.A. | N.A. | No. 1 fire clay of Raritan Formation (U. Cret.) | <3 ft (1 m) | Beds in fire clay (U. Cret.) | -- | -- | Several small faults are at this locality but no detailed information is available | Ries and Kummel, 1904 |
| 14 | -- | 74°18' | 40°33' | Perth Amboy, N.J.-N.Y. 1956 | Old clay pits immediately west of Woodbridge, N.J. | 1917 | 1917 | Normal | N.A. | N.A. | N.A. | Strata of Pensauken Formation (Miocene) | 6 in. (15 cm) | Beds in Pensauken Formation (Mio.) | -- | -- | Exact location of outcrop is not known. (Possible slump fault) | New Jersey Geological Survey, 1917 |
| 15 | National Zoo faults | 77°03' | 38°55' | Washington, D.C., West 1956-65 | On Adams Mill Rd. at intersection with Ontario Road just south of National Zoological Park boundary, Wash., D. C. | 1893 | 1978 | Reverse | N17°W | 68°SW | Mica schist of the Sykesville Formation (Paleozoic) | Clayey quartz sand and quartz cobbles of Rock Creek terrace alluvium (Miocene?) | >4 ft (1.2 m) | Terrace unconformity (Mio.) | -- | -- | Fault preserved by Washington Park Authority | |
| 16 | National Zoo faults | 77°03' | 38°55' | Washington, D.C., West 1956-65 | In alleyway parallel to and north of Calvert St. just east of Calvert Street Bridge, Washington, D. C. | 1893 | 1900 | Reverse | N28°E | 64°NW | Mica schist of the Sykesville Formation (Paleozoic) | Clayey quartz sand and quartz cobbles of Rock Creek terrace alluvium (Miocene?) | 2 ft (0.6 m) | Terrace unconformity (Mio.) | -- | -- | Outcrop destroyed by construction | Darton, unpub. data, 1893; 1939, p. 2-6; 1950, p.7-9; 1951. Carr, 1950, p. 14-50 |
| 17 | National Zoo faults | 77°03' | 38°55' | Washington, D.C., West 1956-65 | Sewer excavation along 18th St. near intersection with California St. in Washington, D. C. | 1893 | 1893 | Reverse | N20°W | Steep | Gneiss (Paleozoic) | Arkose of the Potomac Formation (L. Cret.) | >40 ft (12 m) | Base of Potomac Formation (L. Cret.) | -- | -- | Offset partially determined from drill hole information | |
| 18 | -- | 76°47' | 38°47' | Upper Marlboro, Md. 1965 | Outcrop on Crain Highway curve 3.3 mi south of Southern Railway crossing in Upper Marlboro, Md. | 1932 | 1932 | Reverse | N.A. | Steep | N.A. | Nanjemoy clay (Eocene), marine quartz sand (Miocene),and fluvial sand and gravel (Pleist.) | >3 ft (1.0 m) | Fluvial unconformity (Pleist.) | -- | -- | Outcrop relationships in diagram suggest strike-slip component in faulting | Dryden, 1932, p. 471 |
| 19 | Brandywine fault system | 76°55' | 38°42' | Piscataway, Md. 1944-57, and Brandywine, Md. 1944-56 | Fault zone roughly parallels Penn-Central Railroad tracks about 2 mi to west (no specific outcrop data) | 1972 | 1972 | Reverse | N32°E (variable) | Steep Eastward | N.A | Fluvial and marine clayey quartz sand and clay (L. Cret. to Miocene) | 250 ft (76 m) | Arundel Formation of Potomac Group (L. Cret.) | -- | -- | Fault location and offsets determined from drill hole and geophysical data | Jacobeen, 1972 |
| 20 | Brandywine fault system | 76°56' | 38°44' | Piscataway, Md. 1944-57 | In gravel pit 0.9 mi east of Piscataway Rd. (Rt. 223) and 1.2 mi due south of Tippett, Md. and 0.4 mi west of junction of Thrift Rd. and Tippett Rd. | 1976 | 1977 | Reverse | N.A. | Steep Eastward | N.A | Marine sand and alluvial gravel (Miocene?) | 2 ft (0.6 m) | Base of high-level gravel (Mio.) | -- | -- | Fault outcrop destroyed by mining | Jacobeen, unpub. data, 1979 |
| 21 | -- | 77°14' | 38°55' | Falls Church, Va. 1965 | Building foundation excavation on north side of State Rt. 7 about 0.25 mi west of intersection with State Rt. 123 | 1978 | 1979 | Reverse | N35°E | 65°NW | Phyllonite of Peters Creek Schist (Paleozoic) | Clayey sand and quartz cobbles of high-level alluvial deposits (Miocene?) | 8 ft (2.4 m) | Base of high-level gravel (Mio.) | -- | -- | -- | Prowell, unpub. data, 1979 |
| 22 | -- | 77°05' | 38°49' | Alexandria, Va., D.C., Md. 1965 | West bank of Taylor Run about 2600 ft upstream from intersection with Janneys Lane in Alexandria, Va. (250 ft south of junction of King St. and Scroggins Rd.) | 1977 | 1978 | Reverse | N60°E | 39°NW | N.A | Arkose of Potomac Formation (L.Cret.) | 0.75 ft (0.23 m) | Bedding in Potomac Formation (L.Cret.) | -- | -- | Possibly offsets unconformity of Taylor Run alluvial deposits on Potomac Formation | Albert J. Froelich, oral commun.,1979 |
| 23 | -- | 77°12' | 38°44' | Fort Belvoir, Va. 1965 | Bank of settling pond 0.15 mi north of junction of Accotink Creek and Field Lark Branch, 0.6 mi northwest of Newington, Va. | 1978 | 1978 | Reverse | N84°E | 72°NW | Occoquan Granite (Cambrian) | Arkose of Potomac Formation (L. Cret.) | 1.0 ft (0.3 m) | Base of Potomac Formation (L. Cret.) | -- | -- | High-level terrace gravel (Miocene?) may be involved in faulting but conclusive evidence was not present | |
| 24 | -- | 77°15' | 38°42' | Occoquan, Va. 1966 | North side of Lorton Rd. (Rt. 642) 0.1 mi east of junction with State Rt. 123 near Lorton, Va. | 1978 | 1978 | Reverse | N70°E | 34°SE | Occoquan Granite (Cambrian) | Arkose of Potomac Formation (L. Cret.) | >7 ft (2 m) | Base of Potomac Formation (L.Cret.) | -- | -- | Second fault is present at outcrop; attitude is N78°E-31°SW and vertical displacement is 3 ft (1m) or less | Seiders and Mixon, 1981 |
| 25 | -- | 77°14' | 38°42' | Fort Belvoir, Va. 1965 | Northwest corner of intersection of State Rt. 642 (Lorton Rd.) and Rt. 600 (Silver Brook Rd.) at Lorton, Va. | 1977 | 1978 | Normal | N60°E | 80°NW | N.A | Arkose of Potomac Formation (L.Cret.) | 1.0 ft (0.3 m) | Bedding in Potomac Formation (L.Cret.) | -- | -- | -- | |
| 26 | -- | 77°17' | 38°39' | Occoquan,Va. 1966 | West bank of intermittent stream channel about 0.3 mi south of intersection of State Rts. 639 and 784 west of Woodbridge, Va. | 1977 | 1978 | Reverse | N44°E | 70°NW | Quantico slate (Paleozoic) | Arkose of Potomac Formation (L. Cret.) | >10 ft (3 m) | Base of Potomac Formation (L.Cret.) | -- | -- | Possibly northward extension of Stafford fault system | |
| 27 | -- | 77°21' | 38°33' | Quantico, Va. 1956-66 | Large roadcut on west side of U.S. Rt. 1 0.4 mi south of junction with State Rt. 619 near Triangle, Va. | 1939 | 1976 | Reverse | N81°W | 48°SW | N.A | Arkose of Potomac Formation (L.Cret.) | 0.8 ft (0.25 m) | Bedding in Potomac Formation (L.Cret.) | -- | -- | Possibly part of the Stafford fault system | Cederstrom, 1939, p. 129; 1945a, p.53-58; 1945b, p.71-95 |
| 28 | Stafford fault system; Dumfries fault | 77°26' | 38°27' | Stafford, Va. 1966 | Open pit exposure and local ravines on old logging road 1.9 mi N43°W of Stafford, Va. | 1975 | 1979 | Reverse | N59°E | 68°NW | Quantico slate (Paleozoic) | Arkose of Potomac Formation (L. Cret.) | 115 ft (35 m) | Base of Potomac Formation (L.Cret.) | >3ft (1m) R. L. | Distinctive sedimentary lenses | Best exposure of Dumfries fault of Stafford fault system | Newell, Prowell, and Mixon, 1976,1978 Mixon and Newell, 1976, 1977, 1978 |
| 29 | Stafford fault system; Fall Hill fault | 77°28' | 38°21' | Fredericksburg, Va. 1966 | Beneath dual Vepco power line right-of-way 0.25 mi north of Falls Run, 1.2 mi north of Falmouth, Va. | 1976 | 1976 | Reverse | N45°E | 65°NW | Gneiss (subsurface) (Paleozoic) | Arkose of Potomac Formation (L. Cret) and clayey sand of Aquia Formation (Paleocene) | 120 ft (36 m) | Base of Potomac Formation (L.Cret.) | -- | -- | Trench dug at locality showed numerous faults cutting both Potomac and Aquia strata, juxtaposing crystalline rocks and sediments at depth | Potomac Electric Power Company, 1976 |
| 30 | Stafford fault system; Fall Hill fault | 77°30' | 38°19' | Fredericksburg, Va. 1966 | North side of State Rt. 639 near crest of hill exactly 1.0 mi west of junction with U.S. Rt. 1 in Fredericksburg, Va. | 1975 | 1979 | Reverse | N45°E | 78°NW | Po River Gneiss (Paleozoic) | Arkose of Potomac Formation (L. Cret.) and Rappahannock River terrace alluvium (L. Pliocene?) | 121 ft (37 m) | Base of Potomac Formation (L.Cret.) | -- | -- | Second small fault is exposed just east of reported structure and displaces only Potomac strata | |
| 31 | Stafford fault system; Hazel Run fault | 77°29' | 38°17' | Fredericksburg, Va. 1966 | North and south banks of Hazel Run 0.08 mi west of intersection with U.S. Rt. 1 in Fredericksburg, Va. | 1976 | 1979 | Reverse | N20°E | 72°NW | Metamorphic suite of Fredericksburg Complex (Paleozoic) | Arkose of Potomac Formation (L. Cret.) | 121 ft (37 m) | Base of Potomac Formation (L.Cret.) | some R.L. | Lenses in Potomac Formation | Fault line exposed in stream bed during low flow conditions | Mixon and Newell, 1976, 1977, 1978 |
| 32 | Stafford fault system; Hazel Run fault | 77°30' | 38°17' | Fredericksburg, Va. 1966 | Pit exposure on west side of U.S. Rt. 1 1.45 mi south of intersection with State Rt. 3 in Fredericksburg, Va. (behind Sports Center Marine Building) | 1973 | 1973 | Reverse | N60°E | 60°NW | N.A | Marine sand and clay of Calvert Formation (Miocene) and high-level fluvial gravel (late Miocene-Pliocene) | 1.5 ft (0.46 m) | Base of alluvial gravel (Mio.-Plio.) | -- | -- | Fault exposure destroyed by strip mining activity | Potomac Electric Power Company, 1973, 1976 Mixon and Newell, 1978 |
| 33 | Stafford fault system; Brooke fault | 77°19' | 38°29' | Widewater, Va. 1966 | West bank of Potomac River 0.25 mi north of mouth of Tank Creek, just north of Widewater, Va. | 1976 | 1978 | Reverse | N35°E | 56°NW | N.A | Strata of Potomac Formation (L. Cret.) | 16 in. (41 cm) | Beds of Potomac Formation (L. Cret.) | -- | -- | Fault partly truncated by slumping along river bank | Seiders and Mixon, 1981 |
| 34 | -- | 77°25' | 37°25' | Drewrys Bluff, Va. 1938-69 | On scarp just below third gun emplacement of historic Fort Darling, on James River at Drewrys Bluff south of Richmond, Va. | 1974 | 1978 | Reverse | N55°E | 49°SE | N.A | Arkose of Potomac Formation (L. Cret.) | 1.4 ft (0.43 m) | Lignitic beds within Potomac Formation (L. Cret.) | -- | -- | Several other faults reported at this locality but none presently exposed | Cederstrom, 1939, p. 129; 1945a, p. 53-58; 1945b, p. 71-95 York and Oliver, 1976 |
| 35 | Dutch Gap fault | 77°22' | 37°19' | Hopewell, Va. 1969 | Trench exposure just north of Walthall Channel on Appomattox River and just south of intersection of Church and Ramblewood Rds., west of Hopewell, Va. | 1978 | 1978 | Reverse | N10°E | 34°SE | N.A | Arkose and gravel of Potomac Formation (L. Cret.) and greensand of Aquia Formation (Paleocene) | >70 ft (21 m) | Base of Aquia Formation (Paleo.) | -- | -- | Trench was artificial exposure made for examination of Dutch Gap fault, which is known to extend for several miles and has steep eastward dip | Dischinger, 1979 |
| 36 | -- | 78°43' | 38°03' | Crozet, Va. 1965 | Roadcut on north side of U.S. Rt. 250 near Hillsboro, about 12 mi west of Charlottesville, Va. | 1952 | 1952 | Reverse | N.A. | N.A. | Virginia Blue Ridge Complex (Paleozoic) | High-level fluvial gravel (Miocene-Pliocene) | 3 ft (1.0 m) | Base of high-level gravel (Mio.-Plio.) | -- | -- | Second small fault reported at exposure. Its vertical offset is 1 ft (0.3 m) | White, 1952 |
| 37 | -- | 78°47' | 38°02' | Waynesboro East, Va. 1964 | North side of U.S. Rt. 250 directly in front of Lebanon Church, 3 mi due east of Afton, Va. (near Waynesboro) | 1962 | 1975 | Reverse | N20°E | 57°SE | Marshall Fm. of the Virginia Blue Ridge Complex (Paleozoic) | High-level fluvial gravel (Miocene-Pliocene) | 5 ft (1.5 m) | Base of high-level gravel (Mio.-Plio.) | -- | -- | Four other reverse faults reported along Rt. 250 between Greenwood and the Blue Ridge Front; none could be relocated | Nelson, 1962, p. 48-51 |
| 38 | -- | 79°48' | 37°49' | Clifton Forge, Va. 1962 | Large roadcut on north side of U.S. Rt. 60, 1.0 mi east of junction with U.S. Rt. 220 at Clifton Forge, Va. | 1952 | 1978 | Vertical | N25°W | 90° | Romney Shale (Devonian) | High-level fluvial gravel (Miocene-Pliocene) | 20 ft (6 m) | Base of high-level gravel (Mio.-Plio.) | -- | -- | One of few Tertiary faults known in Valley and Ridge province. East block is downthrown | White, 1952 |
| 39 | -- | 79°58' | 36°43' | Martinsville West, Va. 1963 | Hillside 0.2 mi due south of junction of State Rt. Alternate 57 and State Rt. 682, about 1.0 mi south of Stanleytown, Va. | 1968 | 1874 | Normal | N12°E | 62°SE | Rich Acres Norite (Paleozoic) | Alluvial silt and gravel (Miocene-Pleist.?) | 16 ft (5 m) | Base of alluvium (Mio.-Pleist.) | -- | -- | Outcrop located on nose of small ridge sloping eastward toward a tributary of Smith River. Possible slump | Conley and Toewe, 1968, p.24-25 |
| 40 | -- | 79°54' | 36°42' | Martinsville West, Va. 1963 | Southwest side of U.S. Rt. 220 just west of Villa Heights community about 2.0 mi west of Martinsville, Va. | 1968 | 1974 | Vertical | N17°E | 90° | Norite and biotite gneiss (Paleozoic) | Sandy colluvium (Quat.) | >5 ft (1.5 m) | Base of colluvium (Quat.) | -- | -- | Fault can be traced for about 100 ft (30 m) along face of exposed hillside. Possible slump. East side down | |
| 41 | -- | 78°40' | 35°32' | Angier, N.C. 1964 | Downgrade just west of Black Creek on County Rt. 1531 about 0.8 mi north of intersection with State Rt. 210 near Angier, N.C. | 1960 | 1960 | Reverse | N89°W | 34°-- | Piedmont schist and slate (Paleozoic) | Fluvial clayey quartz sand (U. Cret.- Miocene?) | 3 ft (1 m) | Base of fluvial strata (U.Cret.-Mio.) | -- | -- | -- | |
| 42 | -- | 78°27' | 35°38' | Clayton, N.C. 1964 | Roadcut on north side of U.S. Rt. 70 about 0.28 mi east of junction with State Rt. 42 (just west of Gulf station) near Clayton, N.C. | 1960 | 1960 | Reverse | N18°E | 47°SE | Piedmont schist and slate (Paleozoic) | Fluvial sand and gravel (U. Cret.- Miocene?) | 4 ft (1.2 m) | Base of fluvial strata (U.Cret.-Mio.) | -- | -- | Fault trace marks sharp change in slope | |
| 43 | -- | 78°23' | 35°39' | Clayton, N.C. 1964 | South side of State Rt. 42 on downgrade about 0.7 mi east of Neuse River east of Clayton, N.C. | 1960 | 1979 | Reverse | N52°E | 87°SE | Piedmont schist and slate (Paleozoic) | Fluvial sand and gravel (U. Cret.- Miocene?) | >10 ft (3 m) | Base of fluvial strata (U. Cret.-Mio.) | >6 ft (2 m) | Geometry of sedimentary unconformity adjacent to fault | -- | Erling E. Gamble and Raymond B. Daniels, oral commun., 1974 |
| 44 | -- | 78°15' | 35°42' | Flowers, N.C. 1964 | County Rt. 1753 (200 ft east of Little River) about 0.7 mi east of junction with State Rt. 96 near Flowers, N.C. | 1960 | 1960 | Vertical | N25°E | 90° | Piedmont schist and slate (Paleozoic) | N.A. | N.A. | N.A. | -- | -- | No trace of sediment except for modern alluvium in local drainages | |
| 45 | -- | 78°16' | 35°44' | Flowers, N.C. 1964 | State Rt. 231 about 0.5 mi west of Emit, N.C., just above a large lake | 1960 | 1960 | N.A. | N7°W | 55°NE | Piedmont schist and slate (Paleozoic) | Fluvial sand and gravel (U. Cret.- Pliocene?) | N.A. | Base of fluvial strata (L. Cret.-Plio.) | -- | -- | -- | |
| 46 | -- | 78°15' | 35°40' | Flowers, N.C. 1964 | North side of State Rt. 42 about 0.05 mi west of junction with State Rt. 39 at Hares Crossroads | 1960 | 1979 | Reverse | N7°E | 63°SE | Piedmont schist,slate, and phyllite (Paleozoic) | Unconsolidated clayey sand of Coharie Formation (Pliocene-Pleist.) | 9 ft (2.8 m) | Base of Coharie Formation (Plio.-Pleist.) | >6 ft (2 m) | Geometry of sedimentary unconformity adjacent to fault | Geometry of Coharie unconformity on adjacent sides of fault plane suggests that significant lateral offset may have occurred on fault | Daniels and others, 1972, p. 58-60 |
| 47 | -- | 78°35' | 35°42' | Garner, N.C. 1964 | North side of U.S. Rt. 70 about 2 mi east of junction with State Rt. 50, and just east of County Rt. 2700 at Garner, N.C. | 1960 | 1960 | Reverse | N.A. | N.A. | Piedmont schist and slate (Paleozoic) | Unconsolidated fluvial clayey sand and gravel (U. Cret.-Pliocene?) | N.A. | Base of fluvial strata (Cret.-Plio.) | -- | -- | -- | |
| 48 | -- | 78°11' | 35°44' | Stancils Chapel N.C. 1978 | North side of County Rt. 1128 about 700 ft east of junction with County Rt. 1131, about 1.5 mi north of Heflin, N.C. | 1960 | 1979 | Reverse | N35°E | 78°NW | Piedmont schist, slate, and phyllite (Paleozoic) | Fluvial clayey sand and gravel (U.Cret.- Pliocene?) | 5 ft (1.5 m) | Base of fluvial strata (U. Cret.-Plio.) | -- | -- | Shape of fluvial deposit suggests that it is filling an old channel with fault located in the west bank | Erling E. Gamble and Raymond B. Daniels, oral commun., 1974 |
| 49 | -- | 78°43' | 35°38' | Lake Wheeler, N.C. 1964 | West side of Norfolk and Southern Railroad about 1080 ft north of County Rt. 2724, about 0.3 mi northeast of Banks, N.C. | 1960 | 1960 | N.A. | N15°W | 39°SW | Piedmont schist and slate (Paleozoic) | N.A. | N.A. | N.A. | -- | -- | Grading of area adjacent to railroad has removed all post-Paleozoic strata that would define vertical displacement | |
| 50 | -- | 78°07' | 35°42' | Lucama, N.C. 1978 | East side of State Rt. 581 about 1.0 mi north of Buckhorn Crossroads, west of Wilson, N.C. | 1952 | 1952 | Reverse | N51°E | 48°NW | Slate of the Carolina slate belt (Precambrian) | Fluvial sand and gravel (U. Cret.- Pliocene?) | 1.0 ft (0.3 m) | Base of fluvial strata (U. Cret.-Plio.) | -- | -- | -- | White, 1952 |
| 51 | -- | 78°08' | 35°43' | Stancils Chapel, N.C. 1978 | East side of County Rt. 1126 about 0.55 mi south of junction with County Rt. 1127 and 2.2 mi south of Connors, N.C. | 1960 | 1960 | N.A. | N65°E | 33°SE | Piedmont schist and slate (Paleozoic) | Fluvial sand and gravel (U. Cret.- Pliocene?) | N.A. | Base of fluvial strata (U. Cret.-Plio.) | -- | -- | -- | |
| 52 | -- | 78°10' | 35°45' | Middlesex, N.C. 1978 | County Rt. 1101, 0.2 mi west of Turkey Creek and 4.5 mi south of Roger's Crossroads, N.C. | 1960 | 1975 | Normal | N14°E | 76°SE | Piedmont schist and slate (Paleozoic) | Fluvial sand and gravel (U. Cret.- Pliocene?) | N.A. | Base of fluvial strata (U. Cret.-Plio.) | -- | -- | Fault seems to parallel the side of a small stream channel | |
| 53 | -- | 78°08' | 35°47' | Middlesex, N.C. 1978 | U.S. Rt. 264, 0.5 mi west of Bailey, N.C. and 0.13 mi east of a branch of Wilder Creek | 1960 | 1960 | Reverse | N39°E | 87°SE | Piedmont schist and slate (Paleozoic) | Fluvial sand and gravel (U.Cret. - Pliocene?) | N.A. | Base of fluvial strata (U. Cret.-Plio.) | -- | -- | Fault traced southward to the outcrops on the Norfolk and Southern Railroad | Erling E. Gamble and Raymond B. Daniels, oral commun., 1974 |
| 54 | -- | 78°17' | 35°47' | Zebulon, N.C. 1968 | South side of State Rt. 1723, about 0.85 mi east of Earpsboro, N.C. | 1960 | 1960 | Reverse | N8°W | 65°SW | Piedmont schist and slate (Paleozoic) | Fluvial sand and gravel (U.Cret.- Pliocene?) | 3 ft (1.0 m) | Base of fluvial strata (U. Cret.-Plio.) | -- | -- | -- | |
| 55 | -- | 78°03' | 35°51' | Bailey, N.C. 1978 | On northwest side of County Rt. 1949 about 300 ft south of junction with County Rt. 1950, 2.6 mi south of Stanhope, N.C. | 1960 | 1960 | Reverse | N13°W | 87°NE | Piedmont schist and slate (Paleozoic) | Fluvial sand and gravel (U. Cret.- Pliocene?) | N.A. | Base of fluvial strata (U. Cret.-Plio.) | -- | -- | -- | |
| 56 | -- | 78°03' | 35°51' | Bailey, N.C. 1978 | County Rt. 1950, somewhere between Stanhope, N.C., and junction of County Rts. 1945 and 1950 | 1960 | 1960 | Reverse | N39°E | 83°-- | Piedmont schist and slate (Paleozoic) | Fluvial sand and gravel (U. Cret.- Pliocene?) | N.A. | Base of fluvial strata (U. Cret.-Plio.) | -- | -- | -- | |
| 57 | -- | 78°12' | 35°51' | Middlesex, N.C. 1978 | County Rt. 1164 about 0.4 mi south of junction with State Rt. 97 just east of Union Hope, N.C. | 1960 | 1960 | N.A. | N10°E | 79°SE | Piedmont schist and slate (Paleozoic) | Alluvial sand and gravel (U. Cret.- Miocene?) | N.A. | Base of alluvial strata (U. Cret.-Mio.) | -- | -- | Fault is presently obscured by vegetation | |
| 58 | -- | 79°25' | 35°20' | Carthage, N.C. 1974 | State Rt. 1651 about 0.9 mi northeast of Carthage, N.C. | 1955 | 1955 | N.A. | N45°W | N.A. | Sandstone, siltstone and shale (Triassic) | Kaolinitic sand and gravel of Middendorf Formation (U.Cret.) | N.A. | Base of Middendorf Formation (U. Cret.) | -- | -- | Data taken from geologic map compiled by Reinemund (1955). No outcrop shows mapped fault | Reinemund, 1955, pl.1 |
| 59 | -- | 79°10' | 35°27' | Sanford, N.C. 1974 | West side of Seaboard Coast Line Railroad 2.0 mi south of Sanford, N.C. and immediately south of State Rt. 78 | 1955 | 1955 | N.A. | N.A. | N.A. | Sandstone, siltstone and shale (Triassic) | Fluvial sand and gravel (U. Cret.- Miocene?) | <1.0 ft (0.3 m) | Base of fluvial strata (U. Cret.-Mio.) | -- | -- | Triassic strata are intensely faulted in area but younger deformation is minimal | Reinemund, 1955, p.83 |
| 60 | Graingers fault zone | 77°30' | 35°19' | Ayden, N.C. 1902 15' | Along boundary between Lenoir and Craven Counties near Graingers, N.C. | 1977 | 1977 | Wrench(?) | N20°E | N.A. | N.A | Castle Hayne Limestone (Eocene), Beaufort Formation (Paleocene), and Peedee Formation (U. Cret.) | 80 ft (24 m) | Base of Beaufort Formation (Paleo.) | Some | Geometry of claystone fractures and experimental models | Exact location of faults is not given and no outcrops containing faults have been recognized | Brown and others, 1977 |
| 61 | Graingers fault zone Jericho Run fault | 77°19' | 35°17' | Ayden, N.C. 1902 15' | In an abandoned logging road about 0.8 mi northeast of the junction of County Rts. 1809 and 1835 near Jericho Run at Graingers, N.C. | 1976 | 1982 | Reverse | N63°E | >45°SE | N.A. | Siliceous mudstone of Jericho Run Member of Beaufort Formation (Paleocene) | N.A. | Bedding in Jericho Run Member | Some | Geometry of claystone fractures | Only known fault exposure in Graingers fault zone | Brown and others, 1982 |
| 62 | -- | 80°05' | 35°10' | Mt. Gilead West, N.C. 1956 | Cut on north side of Norfolk and Southern Railroad about 0.25 mi west of Pee Dee River bridge just below Lake Tillery Dam | 1952 | 1977 | Reverse | N39°E | 50°NW | Slate and phyllite of the Carolina slate belt (Precambrian) | High-level terrace sand and gravel (Eocene-Miocene?) | 11 ft (3.3 m) | Base of terrace deposits (Eoc.-Mio.) | -- | -- | A second fault with orientation of N10°E-80°NW is just west of reported structure,but it is truncated by terrace unconformity | White, 1952 |
| 63 | -- | 82°19' | 35°14' | Tigerville, N.C. 1959 15' | Northwest side of Howard Gap Road 1.6 mi due east of Saluda, N.C. and 720 ft northwest of Cove Creek | 1965 | 1974 | Reverse Strike-slip Tear | N80°E N20°E N6°W | 11°SE 30-70°SE 15°NE | Weathered migmatite (Paleozoic) | Sandy to clayey colluvium (Quat.) | N.A. | Base of colluvium (Quat.) | -- | -- | Outcrop is on west end of an arcuate slump block and marks junction of dislocation surface and road | Conley and Drummond, 1965 |
| 64 | -- | 82°19' | 35°14' | Tigerville, N.C. 1959 15' | North side of County Rt. 1122 (Howard Gap Rd.) about 1.6 mi east of Saluda, N.C. and about 0.75 mi east of County Rt. 1142 | 1975 | 1975 | Reverse | N40°W | 20°NE | Weathered migmatite (Paleozoic) | Sandy colluvium (Quat.) | 13 ft (4 m) | Base of colluvium (Quat.) | -- | -- | Locality is same one reported by Conley and Drummond (1965) above | York and Oliver, 1976 |
| 65 | -- | 82°20' | 35°13' | Tigerville, N.C. 1959 15' | West side of U.S. Rt. 176 about 1.5 mi south of Saluda, N.C. and about 600 ft south of Exxon gas station | 1965 | 1974 | Normal | N8°E | 67°SE | Weathered migmatite (Paleozoic) | Sandy colluvium (Quat.) | 16 ft (5 m) | Base of colluvium (Quat.) | -- | -- | Outcrop located on nose of an eastward-sloping ridge normal to direction of highway. Probable gravity slide | Conley and Drummond, 1965 |
| 66 | -- | 79°55' | 34°50' | Morven East, N.C. & S.C. 1971 | West side of State Rt. 61 about 1.3 mi south of junction with U.S. Rt. 52 near McFarlan, N.C. | 1974 | 1979 | Reverse | N82°W | 42°NE | Argillite (Cambrian) | Kaolinitic sand and gravel of Middendorf Formation (U. Cret.) | >4 ft (1.2 m) | Base of Middendorf Formation (U. Cret.) | -- | -- | Middendorf sediments exposed on U.S. Rt. 52 nearby may reflect effects of tectonic warping | Howell and Zupan, 1974 |
| 67 | -- | 81°10' | 34°05' | Irmo, S.C. 1971 | Construction grade behind Thunderbird Inn at junction of I-26 and U.S. Rt. 76-176 just northwest of Columbia, S.C. | 1975 | 1975 | Reverse | N80°E | 87°NW | Argillite (Cambrian) | Fluvial sand and gravel (Eocene-Pliocene?) | 5 ft (1.5 m) | Base of fluvial strata (Eoc.-Plio.) | -- | -- | A number of reverse faults were exposed in excavation (now covered) but only one had substantial offset | Zupan and Abbott, 1975 W.H. Abbott, oral commun., 1979 |
| 68 | -- | 81°51' | 33°29' | Hollow Creek, S.C. 1964 | J.M. Huber Corp. Ideal Kaolin Mine just east of State Rt. 66 and 1.7 mi south of intersection of State Rts. 66 and 421 at Burnettown, S.C. | 1975 | 1977 | Normal Normal | N30°W N40°W | 68°NE 75°NW | N.A | Kaolinitic sand and clay of Middendorf Formation (U. Cret.) | 4 ft (1.2 m) | Bedding in Middendorf Formation (U. Cret.) | -- | -- | The two faults form a small graben about 10 ft (3 m) wide | Inden and Zupan, 1975 |
| 69 | Belair fault zone | 82°07' | 33°26' | Augusta West, Ga. 1957 | West side of the Ga. Vitrified Brick Co. clay pits on south side of U.S. Rt 78-278 about 2.2 mi west of Bartons Chapel Rd., just west of Augusta, Ga. | 1973 | 1982 | Reverse | N25°E | 52°SE | Phyllite of Belair belt (Cambrian) | Kaolinitic sand and gravel of Middendorf Formation (U. Cret.) | 60 ft (18 m) | Base of Middendorf Formation (U. Cret.) | 14 mi (20 km) L.L. | Regional phyllite/ gneiss boundary (U. Paleozoic) | Regional mapping indicates that strata as young as Late Eocene are affected by faulting. Most lateral offset is pre-Cretaceous | Prowell and others, 1976 O'Connor and Prowell, 1976 U.S. Geological Survey, 1977 Prowell and O'Connor,1978 Prowell, 1978 |
| 70 | Belair fault zone | 82°05' | 33°29' | Augusta West, Ga. 1957 | On northeast exit ramp at junction of I-20 and Bobby Jones Expressway (1-520) immediately adjacent to westbound I-20 lane northwest of Augusta, Ga. | 1975 | 1980 | Reverse | N27°E | 50°SE | Phyllite of Belair belt (Cambrian) | Kaolinitic sand and gravel of Middendorf Formation (U. Cret.) | 90 ft (27 m) | Base of Middendorf Formation (U. Cret.) | 14 mi (20 km) L.L. | Regional phyllite/ gneiss boundary (U. Paleozoic) | Fault is one of an en echelon zone largely defined by stratigraphic mapping and drilling. Displacements listed are across entire fault zone at this point | |
| 71 | Belair fault zone | 82°04' | 33°31' | Martinez, Ga. 1964 | Bank of tributary of Cranes Creek 0.2 mi east of junction with Pleasant Home Rd., 0.7 mi due south of Martinez, Ga. | 1977 | 1980 | Reverse | N30°E | 70°SE | Phyllite of Belair belt and gneisses of Kiokee belt (Paleozoic) | Kaolinitic sand and gravel of Middendorf Formation (U. Cret.) | 30 ft (9 m) | Base of Middendorf Formation (U. Cret.) | >0.6 mi ( 1 km) L.L. | Regional phyllite/ gneiss boundary (U. Paleozoic) | Regional mapping indicates that majority of lateral offset is pre-Cretaceous. Dip-slip predominates | |
| 72 | Belair fault zone | 82°03' | 33°32' | Martinez, Ga. 1964 | Southwest end of Martin-Marietta "Dan" quarry on west bank of Savannah River, 0.9 mi south of Augusta city lock and dam | 1976 | 1980 | Reverse | N29°E | 80°SE | Gneisses of Kiokee belt and mylonite of Augusta fault (Paleozoic) | N.A. | N.A. | N.A. | >0.6 mi (1 km) L.L. | Regional mylonitic contact (U. Paleozoic) | The character, orientation, and association of fault to nearby Coastal Plain-cutting faults indicates that it is part of Belair zone and must have had Tertiary displacement | |
| 73 | Warm Springs fault | 84°44' | 32°53' | Warm Springs, Ga. 1972 | North side of Seven Fords Rd. 0.15 mi east of Florence Branch and 1.0 mi west of Mt. Hope Branch, just west of Warm Springs | 1978 | 1980 | Reverse | N25°W | 56°SW | Mica schist from Manchester Schist (Paleozoic) | Kaolinitic sand (Paleocene) and alluvial and colluvial clayey sand (Miocene-Pliocene) | 50 ft (15 m) | Base of kaolinitic sand (Paleo.) | -- | -- | Several large faults have been recognized at this locality, apparently displacing all but youngest surficial units | |
| 74 | Warm Springs fault | 84°44' | 32°53' | Warm Springs, Ga. 1971 | East side of Ward Rd., 0.22 mi east of Florence Branch and 0.45 mi south of White Sulphur Creek just west of Warm Springs, Ga. | 1978 | 1980 | Reverse | N25°E | 31°NW | Mica schist from Manchester Schist (Paleozoic) | Sandy kaolin of alluvial or colluvial origin (Paleozoic-Pliocene?) | >7 ft (2 m) | Base of sandy kaolin (Paleo.-Plio.) | -- | -- | Fault is immediately north of previous entry and is almost certainly associated with that deformational episode | |
| 75 | Warm Springs fault | 84°44' | 32°53' | Warm Springs, Ga. 1971 | On Florence Branch, 0.6 mi south of intersection with White Sulphur Creek just west of Warm Springs, Ga. | 1979 | 1979 | Vertical | N80°W | 90° | Mica schist from Manchester Schist (Paleozoic) | Kaolinitic sand and gravel, carbonaceous clay, and bauxitic clay (Paleocene) | >210 ft (61 m) | Base of kaolinitic sand (Paleo.) | -- | -- | Fault is the principal structural element in Warm Springs area and has been effectively identified by subsurface methods. South side down | White, 1965 Reinhardt and others, 1979 Christopher and others, 1980 |
| 76 | Warm Springs fault | 84°45' | 32°53' | Durand, Ga. 1971 | South side of Seven Fords Rd. 1.1 mi east of intersection with Durand Rd. near County Line Church, about 2.6 mi south of Durand, Ga. | 1978 | 1980 | Reverse | N33°E | 66°NW | Mica schist and phyllite of Manchester Schist (Paleozoic) | Alluvium containing fragments of Paleocene strata (Paleocene-Pliocene) | 10 ft (3 m) | Base of alluvium (Paleo.-Plio.) | -- | -- | Age of movement on this fault is not known, but is likely equivalent to structures reported above | |
| 77 | Andersonville fault | 84°05' | 32°12' | Pennington, Ga. 1972 | Paralleling Sweetwater Creek and extending between Andersonville National Historic Site and Dripping Bluff on Flint River (subsurface) | 1965 | 1965 | Vertical | N85°E | 90° | N.A. | Bauxitic clay and sand of the Nanafalia Fm., Clayton Fm., and Claiborne Group (Paleocene-Eocene) | 100 ft (30 m) | Base of Clayton Formation (Paleocene) | -- | -- | Fault has never been recognized in outcrop, but geophysical profiling and drilling give evidence of strike and dip. South side down | Zapp, 1964, p. G9 Cofer and Frederiksen, 1979 |
| 78 | -- | 81°40' | 30°20' | Orange Park, Fl. 1961-64 | Downtown Jacksonville, Fla., just east of junction of U.S. Rts. 90 and 1 along St. Johns River (subsurface) | 1966 | 1966 | Vertical(?) | N12°E | 90° | N.A. | Clayey sand of Hawthorne Formation (Miocene), limestone of Ocala Group, and Avon Park Limestone (Eocene) | >125 ft (38 m) | Top of Avon Park Limestone (Eocene) | -- | -- | Fault is recognized in drill hole data from water wells in vicinity of Jacksonville. East side down | Leve, 1966, p. 19-20 |
| 79 | -- | 82°32' | 28°51' | Homosassa, Fl. 1954 | Northeast edge of Crystal River Rock Company quarry, 4.6 mi southeast of Crystal River, Fla. | 1951 | 1960 | Normal | N43°W | 50°NE | N.A. | Ocala Limestone (Eocene) | >30 ft (10 m) | Beds in Ocala Limestone (Eocene) | -- | -- | Many other faults with displacements of as much as 160 ft (50 m) were reported by Vernon but only this one is visible in outcrop. Map shows faults with good drill hole control | Vernon, 1951, p. 47-62 |
| 80 | -- | 83°57' | 30°55' | Pine Park, Ga. 1974 | County Rt. 202, 5.2 mi north of Thomasville, Ga. (subsurface) | 1966 | 1966 | Vertical(?) | N55°E | 90° | N.A. | Tampa Limestone (Miocene) and Suwannee Limestone (Oligocene) | 190 ft (58 m) | Top of Suwannee Limestone (Oligocene) | -- | -- | Fault is inferred through subsurface drill hole data. West side down | Sever, 1966 |
| 81 | Cochgalechee Creek graben | 85°00' | 32°27' | Phenix City, Ala. 1955 | Newly paved road joining U.S. Rt. 431 and County Road 28 in southwestern part of Phenix City, Ala. | 1962 | 1962 | Normal | N32°E | N.A. (Graben) | N.A. | Sand and clay of Blufftown and Eutaw Formations (U. Cret.) | <100 ft (30 m) | Base of Blufftown Formation (U. Cret.) | -- | -- | These are block-type faults forming a small graben | Scott, 1962 Self and Neathery, 1975 |
| 82 | Peters Branch fault | 85°24' | 32°20' | Creek Stand, Ala. 1973 | Peters Branch in western Russell County, 7.0 mi north of Hurtsboro, Ala. (no fault exposure) | 1962 | 1962 | Reverse | N38°W | --SW | N.A. | Sand of Blufftown and Eutaw Formations (U. Cret.) | <100 ft (30 m) | Beds in Eutaw Formation (U. Cret.) | -- | -- | Fault is approximately 6 mi (9.6 km) long and is based on outcrop observations | |
| 83 | Mt. Andrew fault | 85°31' | 31°58' | Mt. Andrew, Ala. 1968 | Just east of Mt. Andrew community in sec. 34, T12N, R25E | 1965 | 1965 | Normal | N36°W | --SW | N.A. | Providence Sand and Ripley Formation (U. Cret.) | >100 ft (30 m) | Perote Member of Providence Sand (U. Cret.) | -- | -- | Fault is approximately 3 mi (4.8 km) long and is based on outcrop observations | Newton, 1965 Self and Neathery, 1975 |
| 84 | Shady Grove fault #1 | 86°09' | 31°53' | Grady, Ala. 1968 | About 2 mi south of Shady Grove community in sections 33 and 38, T11N, R19E | 1968 | 1968 | Normal | N20°E | --NW | N.A. | Providence Sand and Ripley Formation (U.Cret.) | <50 ft (15 m) | Base of Providence Sand (U. Cret) | -- | -- | Fault is about 1.2 mi (1.9 km) long and is based on outcrop data | |
| 85 | Shady Grove fault #2 | 86°10' | 31°54' | Grady, Ala. 1968 | Immediately west of Shady Grove community in sections 29,20, and 21, T11N, R19E | 1968 | 1968 | Normal | N4°E | --NW | N.A. | Providence Sand and Ripley Formation (U. Cret.) | <50 ft (15 m) | Base of Providence Sand (U. Cret.) | -- | -- | Fault is about 1.5 mi (2.4 km) long and is based on outcrop data | Shamburger, 1968 Self and Neathery, 1975 |
| 86 | Shady Grove fault #3 | 86°11' | 31°54' | Grady, Ala. 1968 | About 1.0 mi west of Shady Grove community paralleling Potasliga Creek in sections 29 and 20, T11N, R19E | 1968 | 1968 | Normal | N3°E | --SE | N.A. | Ripley Formation (U. Cret.) | N.A. | Beds of Ripley Formation (U. Cret.) | -- | -- | Fault is about 1.2 mi (1.9 km) long, and combined with Shady Grove fault #2, it defines a graben | |
| 87 | Henderson fault | 86°07' | 31°39' | Goshen, Ala. 1968 | On road to Glenwood, about 2.0 mi southwest of Henderson, Ala., in section 24, T8N, R19E | 1968 | 1968 | Normal | N30°E | --NW | N.A. | Nanafalia Formation (Paleocene) | <50 ft (15 m) | Beds of Nanafalia Formation (Paleo.) | -- | -- | Fault is exposed in a road cut and has been mapped about 0.8 mi (1.3 km) | |
| 88 | -- | 86°50' | 31°43' | Georgiana West, Ala. 1971 | About 0.9 mi west of Providence, Ala. on a county road in the east half of section 27, T9N, R12E | 1967 | 1967 | N.A. | N29°W | N.A. | N.A. | Tuscahoma Sand (Paleocene) | N.A. | Beds in Tuscahoma Sand (Paleo.) | -- | -- | Based on outcrop observations. Fault down on northeast side | |
| 89 | -- | 86°52' | 31°48' | Andalusia, Ala. 1° x 2° sheet | Hard surfaced road 2.8 mi south of Butler Springs in section 4, T9N, R12E | 1967 | 1967 | Normal(?) | N66°W | NE (?) | N.A. | Tuscahoma Sand (Paleocene) | N.A. | Beds in Tuscahoma Sand (Paleo.) | -- | -- | Based on outcrop observations. Fault down on southwest side | Reed and others, 1967 |
| 90 | -- | 87°12' | 32°00' | Carlowville, Ala. 1957 15' | About 0.6 mi north of Estelle, Ala. in section 19, T12N, R9E | 1960 | 1960 | Normal(?) | N50°W | SW (?) | N.A. | Clay and sand of Porters Creek Formation and sandy marl of Naheola Formation (Paleocene) | N.A. | Beds in Naheola Formation (Paleo.) | -- | -- | Fault down on southwest side | |
| 91 | -- | 87°05' | 31°59' | Andalusia, Ala. 1° x 2° sheet | State Rt. 21 at junction with Blue Creek, 2.3 mi due south of Ackerville, Ala. in section 21, T12N, R10E | 1960 | 1960 | Normal(?) | N60°W | SW (?) | N.A. | Alluvium from Blue Creek (Quaternary) | N.A. | Beds in alluvium (Quat.) | -- | -- | Fault down on southwest side (possible slump) | LaMoreaux and Toulmin, 1959, 1960 |
| 92 | -- | 87°16' | 32°01' | Camden North, Ala. 1974 | Road to Bridgeport Landing 1.6 mi north of junction with State Rt. 10 near Camden, Ala. | 1960 | 1960 | Normal(?) | N64°W | SW (?) | N.A. | Strata of Porters Creek and Clayton Formations (Paleocene) | N.A. | Base of Porters Creek Formation (Paleo.) | -- | -- | Fault down on southwest side | |
| 93 | Bethel fault zone | 87°32' | 31°57' | Pine Hill, Ala. 1973 Coy, Ala. 1973 | Extending from just north of Pine Hill, Ala., southeastward to junction of Grey Creek and Alabama River | 1887 | 1966 | Normal | N45°W | Steep SW | N.A. | Strata of Tuscahoma Sand and Nanafalia Formation (Paleocene) | 300 ft (91 m) | Base of Tuscahoma Sand (Paleo.) | -- | -- | Fault down on southwest side. Together with Peachtree fault, it defines a northwest-trending graben | Smith and Johnson, 1887 LaMoreaux and Toulmin, 1959 Semmes, 1929 Self and Neathery, 1975 |
| 94 | Peachtree fault | 87°33' | 31°56' | Pine Hill, Ala. 1973 | Extending from a few miles south of Pine Hill, Ala., southeastward near junction of Black Creek and Alabama River | 1959 | 1966 | Normal | N40°W | Steep NE | N.A. | Strata of Tuscahoma Sand and Nanafalia Formation (Paleocene) | 295 ft (90 m) | Base of Tuscahoma Sand (Paleo.) | -- | -- | Fault down on northeast side, forming south side of a graben | LaMoreaux and Toulmin, 1959 Murray, 1961 Self and Neathery, 1975 |
| 95 | Monroe west graben fault | 87°21' | 31°45' | Vredenburgh, Ala. 1973 Natchez, Ala. 1972 | Road cuts in section 3, T9N, R7E about 4.3 mi southwest of Vredenburgh, Ala. | 1971 | 1971 | Normal | N3°E | Eastward | N.A. | Strata of Lisbon and Tallahatta Formations (Eocene) | 50 ft (15 m) | Base of Lisbon Formation (Eoc.) | -- | -- | Fault is about 4.6 mi (7.4 km) long and is down on east side. A second fault postulated to east makes this one side of a graben | Scott, 1972 Copeland and others, 1976 |
| 96 | -- | 87°39' | 32°02' | Montgomery, Ala. 1° x 2° sheet | Fault crosses State Rt. 25 about 0.2 mi north of Vineland, Ala. | 1960 | 1960 | Normal | N59°W | --SW | N.A. | Strata of Nanafalia Formation (Paleocene) | N.A. | Beds in Nanafalia Formation (Paleo.) | -- | -- | Fault marks south side of a northwest-trending graben (see next entry) | |
| 97 | -- | 87°39' | 32°02' | Montgomery, Ala. 1° x 2° sheet | Fault crosses State Rt. 25 about 0.2 mi south of Vineland, Ala. | 1960 | 1960 | Normal | N59°W | --NE | N.A. | Strata of Nanafalia Formation (Paleocene) | | | | | Fault marks north side of a northwest-trending graben (see preceding entry) | |
| 98 | -- | 87°40' | 32°08' | Montgomery, Ala. 1° x 2° sheet | State Rt. 25 about 0.3 mi south of intersection with County Rt. 30 just east of Magnolia, Ala. | 1960 | 1960 | Normal | N31°W | --SW | N.A. | Strata of Naheola Formation (Paleocene) | N.A. | Beds in Naheola Formation (Paleo.) | -- | -- | -- | |
| 99 | -- | 87°40' | 32°08' | Montgomery, Ala. 1° x 2° sheet | State Rt. 25 about 0.1 mi north of intersection with County Rt. 30 just east of Magnolia, Ala. | 1960 | 1960 | Normal | N31°W | --SW | N.A. | Strata of Naheola Formation (Paleocene) | N.A. | Beds in Naheola Formation (Paleo.) | -- | -- | A second, smaller fault has been postulated to exist just east of locality | Newton and LaMoreaux, 1960 |
| 100 | -- | 87°40' | 32°16' | Thomaston West, Ala. 1968 | State Rt. 28, 2.4 mi west of junction with State Rt. 25 near Thomaston, Ala. | 1960 | 1960 | Normal | N41°W | --NE | N.A. | Clayton and Porters Creek Formations (Paleocene) and Ripley Formation (U. Cret.) | N.A. | Base of Clayton and Porters Creek Formations (Paleo.) | -- | -- | -- | |
| 101 | Watkins Creek fault | 87°45' | 32°18' | Linden, Ala. 1970 | On Lewis Ave.,1.7 mi east of intersection with State Rt. 28 and just west of Watkins Creek in section 2, T15N, R3E, near Linden, Ala. | 1975 | 1975 | Normal | N68°W | 60°NE | N.A. | Strata of Clayton Formation (Paleocene) and Ripley Formation (U. Cret.) | 50 ft (15 m) | Beds in Clayton Formation (Paleo.) | -- | -- | Two smaller faults have been observed near locality | Neathery and others, 1975 |
| 102 | Livingston fault zone | 88°10' | 32°38' | Epes, Ala. 1932 15' | In cuts on Southern Railway in the southeast corner of section 10, T19N, R2W, 3.3 mi north of Livingston, Ala. | 1941 | 1941 | Reverse | N50°W | 43°SW | N.A. | Strata of Ripley Formation and Prairie Bluff Chalk (U. Cret.) | >35 ft (10 m) | Base of Prairie Bluff Chalk (U. Cret.) | -- | -- | Only one fault of an extensive zone of horsts and grabens bordered by reverse faults extending from Sumterville southeastward to near Woodford, Ala. | Monroe, 1941 Monroe and Hunt, 1958 Schneeflock, 1972 Neathery and others, 1975 |
| 103 | Livingston fault zone | 88°03' | 32°33' | Epes, Ala. 1932 15' | On Dr. Hester Circle in section 14, T18N, R1W, 1.4 mi east of junction with State Rt. 28 about 7 mi southeast of Livingston, Ala. | 1975 | 1976 | Reverse | N67°W | 27°SW | N.A. | Calcareous sand of Ripley Formation and Prairie Bluff Chalk (U. Cret.) | >20 ft (6 m) | Base of Prairie Bluff Chalk (U. Cret.) | -- | -- | Good example of structures in Livingston fault zone showing flow structure along shear planes | Copeland and others, 1976 |
| 104 | Livingston fault zone (extension?) | 88°02' | 32°26' | Coatopa, Ala. 1971 | Under Rooster Bridge at Moscow Landing on U.S. Rt. 80 at intersection with Tombigbee River | 1910 | 1976 | Normal | N75°W | 35°NE | N.A. | Strata of Clayton and Porters Creek Formations (Paleocene) and Prairie Bluff Formation (U. Cret.) | >10 ft (3 m) | Base of Clayton and Porters Creek Formations (Paleo.) | -- | -- | Numerous faults are exposed at this locality and they form part of a much larger NW-SE-trending fault zone. This fault zone might be extension of Livingston zone although faults show normal movement | Smith, 1910 Brett and Jones, 1967 Newton and LaMoreaux, 1960 Neathery and others, 1975 Copeland and others, 1976 |
| 105 | North Highway 17 fault | 88°10' | 32°18' | Gaston, Ala. 1971 | State Rt. 17 0.5 mi south of Sumter-Choctaw county line about 15.5 mi north of Butler, Ala. | 1955 | 1976 | Normal | N73°E | --NW | N.A. | Strata of Oak Hill Member of Naheola Formation (Paleocene) | 40 ft (12 m) | Lignite bed in the Oak Hill Member (Paleo.) | -- | -- | Fault is not exposed but can be identified and traced for 0.8 mi (1.3 km) on basis of surface mapping | Toulmin and LaMoreaux, 1953 Toulmin and others, 1951 Turner and Newton, 1971 Copeland and others, 1976 |
| 106 | -- | 87°58' | 32°10' | Montgomery, Ala. 1° x 2° sheet | State Rt. 69, 0.6 mi south of Landrums Creek on border of sections 26 and 27, T14N, R1E, near Nanafalia, Ala. | 1960 | 1960 | Normal | N88°W | --NE | N.A. | Strata of Nanafalia Formation and Tuscahoma Sand (Paleocene) | N.A. | Base of Tuscahoma Sand (Paleo.) | -- | -- | Fault is recognized on basis of surface mapping | Newton and LaMoreaux, 1960 Neathery and others, 1975 Newton and others, 1961 |
| 107 | -- | 87°55' | 32°10' | Montgomery, Ala. 1° x 2° sheet | County Rt. 17 about 4.8 mi due north of junction with State Rt. 10 in sections 28 and 29, T14N, R2E, near Aimwell, Ala. | 1960 | 1960 | Normal | N85°W | --NE | N.A. | Strata of Nanafalia Formation (Paleocene) | N.A. | Beds in Nanafalia Formation (Eoc.) | -- | -- | Fault is recognized on basis of surface mapping | |
| 108 | Gilbertown fault zone; James Creek fault | 88°27' | 31°54' | Melvin, Ala.-Miss. 1974 | Paved road 2.5 mi south of Melvin, Ala. in section 26, T11N, R5W | 1944 | 1971 | Normal | N80°E | --NW | N.A. | Shubuta and Cocoa Sand Members of Yazoo Clay (Eocene) | 25 ft (8 m) | Beds in the Shubuta and Cocoa Sand Members (Eoc.) | -- | -- | Fault is inferred for a distance of 1.6 mi (2.6 km) based on surface mapping | Tourtelot and Morris, 1944 Toulmin and others, 1951 Turner and Newton, 1971 Copeland and others, 1976 |
| 109 | Gilbertown fault zone; Toxey fault | 88°26' | 31°56' | Melvin, Ala.-Miss. 1974 | Southwest quarter of section 12, T11N, R5W, about 0.75 mi east of Melvin, Ala. and extending east and southeast | 1944 | 1971 | Normal | N75°W | --SW | N.A. | Strata of Moody's Branch Formation (Eocene) and Marianna Limestone (Oligocene) | 120 ft (37 m) | Base of Moody's Branch Formation (Eoc.) | -- | -- | Fault is inferred in part for a distance of about 20 mi (32 km) from surface mapping | |
| 110 | Gilbertown fault zone; Womack Hill fault | 88°12' | 31°52' | Coffeeville Lock and Dam, Ala. 1971 | Adjoining northern corners of sections 4 and 5, T10N, R2W, about 0.8 mi north of Womack Hill, Ala., on west side of a county road | 1944 | 1976 | Normal | N83°W | 80°SW | N.A. | Undifferentiated (Miocene) strata, Red Bluff Clay (Oligocene) and strata of Lisbon Formation (Eocene) | 150 ft (46 m) | Base of Red Bluff Clay (Oligocene) | -- | -- | Fault extends westward for about 6 mi (9.6 km) and displacement decreases westward. This may be extension of a postulated fault south of Gilbertown, Ala. | Turner and Newton, 1971 Copeland and others, 1976 |
| 111 | Bladon Springs fault (north) | 88°14' | 31°46' | Coffeeville Lock and Dam, Ala. 1971 | Extending from Caney Creek in section 12, T9N, R3W to section 17, T9N, R2W about 2 mi northwest of Bladon Springs, Ala. | 1971 | 1971 | Normal | N70°W | --NE | N.A. | Strata of Tallahatta and Hatchetigbee Formations (Eocene) | >45 ft (14 m) | Base of Tallahatta Formation (Eoc.) | -- | -- | Fault is recognized on basis of surface mapping | Turner and Newton, 1971 |
| 112 | Bladon Springs fault (south) | 88°12' | 31°42' | Bladon Springs, Ala. 1971 | West side of county road 0.6 mi north of Choctaw-Washington county boundary in section 33, T9N, R2W, just south of Bladon Springs, Ala. | 1946 | 1976 | Normal | N62°W | 55°SW | N.A. | Strata of Tallahatta and Hatchetigbee Formations (Eocene) | >60 ft (18 m) | Base of Tallahatta Formation (Eoc.) | -- | -- | Fault is well exposed in roadcuts and can be traced for 3 mi (4.8 km) by surface mapping | MacNeil, 1946 Toulmin and others, 1951 Turner and Newton, 1971 Copeland and others, 1976 |
| 113 | Frankville fault zone; Friendship Church fault | 88°12' | 31°41' | Bladon Springs, Ala. 1971 | South side of dirt road 0.3 mi east of junction with Pool Branch in southwest quarter of section 4, T8N, R2W, just south of Bladon Springs, Ala. | 1971 | 1976 | Normal | N50°W | 30°NE | N.A. | Strata of Lisbon and Tallahatta Formations (Eocene) | <25 ft (8 m) | Base of Lisbon Formation (Eoc.) | -- | -- | Fault has been mapped for 1.9 mi (3.1 km) | |
| 114 | Frankville fault zone | 88°12' | 31°41' | Bladon Springs, Ala. 1971 | Weathered outcrop on dirt road about 0.2 mi west of Pool Branch in section 5, T8N, R2W, just south of Bladon Springs, Ala. | 1971 | 1976 | Normal | N50°W | --NE | N.A. | Strata of Lisbon and Tallahatta Formations (Eocene) | <25 ft (8 m) | Base of Lisbon Formation (Eoc.) | -- | -- | Fault has been mapped for 1.0 mi (1.6 km) | Turner and Newton, 1971 Copeland and others, 1976 |
| 115 | Frankville fault zone | 88°10' | 31°37' | Bigbee, Ala. 1971 | Paved road to Frankville, 0.65 mi north of Bigbee, Ala. in section 39, T8N, R2W | 1971 | 1971 | Normal | N37°W | --SW | N.A. | Strata from undifferentiated (Miocene and Oligocene) units | N.A. | Beds in exposed strata (Mio.) | -- | -- | -- | Turner and Newton, 1971 |
| 116 | Bashi Creek fault | 87°58' | 31°57' | Andalusia, Ala. 1° x 2° sheet | State Rt. 69, 1.3 mi north of Campbell, Ala., and just south of Bashi Creek in section 9, T11N, R1E | 1963 | 1971 | Normal | N87°W | --NE | N.A. | Bashi Marl Member of Hatchetigbee Formation (Eocene) | 40 ft (12 m) | Beds in Bashi Marl Member (Eoc.) | -- | -- | Inferred length of fault is about 1.2 mi (1.9 km) | Toulmin and Newton, 1963 Causey and Newton, 1971 Copeland and others, 1976 |
| 117 | Harris Creek fault | 88°03' | 31°51' | Coffeeville, Ala. 1971 | Dirt road 4.5 mi north of junction with State Rt. 154 at Center Point, Ala. at north edge of section 14, T10N, R1W | 1971 | 1971 | Normal | N65°W | --SW | N.A. | North Twistwood Creek Member of Yazoo Clay and strata of Lisbon Formation (Eocene) | 90 ft (27 m) | Beds in North Twistwood Creek Member (Eoc.) | -- | -- | -- | Causey and Newton, 1971 Copeland and others, 1976 |
| 118 | West Bend fault | 88°02' | 31°49' | Coffeeville, Ala. 1971 | Light-duty road 1.8 mi north of junction with State Rt. 154 at Center Point, Ala., at north edge of section 25, T10N, R1W | 1946 | 1971 | Normal | N65°W | --SW | N.A. | Strata of undifferentiated (Miocene) sediments and Moody's Branch Formation (Eocene) | 200 ft (61 m) | Base of Miocene series (Mio.) | -- | -- | Fault is gently arcuate regionally, extending for about 27.5 mi (44 km) | MacNeil, 1946 Causey and Newton, 1971 Copeland and others, 1976 |
| 119 | West Bend fault | 87°55' | 31°46' | Andalusia, Ala. 1° x 2° sheet | Light-duty road 2.5 mi north of junction with U.S. Rt. 84 in center of section 7, T9N, R2E, just west of Chilton, Ala. | 1946 | 1971 | Normal | N51°W | --SW | N.A. | Strata of Chickasawhay Limestone (Oligocene) and Lisbon Formation (Eocene) | 300 ft (91 m) | Base of Chickasawhay Limestone (Oligo.) | -- | -- | Other exposures of this fault can be seen on nearby roads but this represents maximum displacement | |
| 120 | Satilpa Creek fault (north) | 88°00' | 31°46' | Andalusia, Ala. 1° x 2° sheet | Light-duty road 1.5 mi southeast of junction with State Rt. 154 in section 5, T9N, R1E near Center Point, Ala. | 1971 | 1971 | Normal | N72°W | --NE | N.A. | Undifferentiated (Miocene) strata and Bucatunna Clay Member of Byram Formation (Miocene) | 25 ft (8 m) | Base of Miocene series (Mio.) | -- | -- | -- | Causey and Newton, 1971 Copeland and others, 1976 |
| 121 | Coffeeville fault | 88°02' | 31°45' | Coffeeville, Ala. 1971 | Light-duty road about 0.3 mi north of junction with U.S. Rt. 84 in section 13, T9N, R1W, east of Coffeeville, Ala. | 1946 | 1971 | Normal | N35°W | --NE | N.A. | Strata of undifferentiated (Oligocene) series and Jackson Group (Eocene) | 75 ft (23 m) | Base of Oligocene series (Oligo.) | -- | -- | -- | Causey and Newton, 1971 MacNeil, 1946 Copeland and others, 1976 |
| 122 | Satilpa Creek fault (south) | 88°00' | 31°44' | Tattlersville, Ala. 1972 | East side of light-duty road 0.6 mi south of junction with U.S. Rt. 84 in section 19, T9N, R1E, east of Coffeeville, Ala. | 1971 | 1976 | Normal | N65°W | 80°NE | N.A. | Strata of Moody's Branch and Lisbon Formations (Eocene) | 30 ft (9 m) | Base of Moody's Branch Formation (Eoc.) | -- | -- | Fault can be traced for 1.4 mi (2.3 km) | |
| 123 | Winn-McVay fault | 87°54' | 31°39' | Andalusia, Ala. 1° x 2° sheet | Light-duty road 1.4 mi southeast of Winn, Ala. in section 29, T8N, R2E | 1971 | 1971 | Normal | N5°W | --NE | N.A. | Undifferentiated (Miocene) strata, (Oligocene) series, and Jackson group (Eocene) | 75 ft (23 m) | Base of Miocene strata (Mio.) | -- | -- | Fault is not recognized in outcrop but is mapped on basis of surface stratigraphy | Causey and Newton, 1971 Copeland and others, 1976 |
| 124 | Allen fault | 87°44' | 31°35' | Suggsville, Ala. 1972 | Light-duty road about 1.0 mi southwest of junction with Southern Railway in section 11, T7N, R3E, near Allen, Ala. | 1971 | 1971 | Normal | N52°W | --SW | N.A. | Strata of Marianna Limestone (Oligocene) and upper part of Jackson Group (Eocene) | 75 ft (23 m) | Base of Marianna Limestone (Oligo.) | -- | -- | Probably extension of West Bend fault | |
| 125 | Walker Springs fault | 87°47' | 31°32' | Andalusia, Ala. 1° x 2° sheet | At Walker Springs along Bassett Creek in section 28, T7N, R3E, just north of Glendon Station, Ala. | 1971 | 1971 | Normal | N3°W | --SW | N.A. | Strata of (Oligocene) series | 50 ft (15 m) | Beds in Oligocene series (Oligo.) | -- | -- | Fault is not recognized in outcrop but is mapped on basis of surface stratigraphy | |
| 126 | Jackson fault (south) | 87°53' | 31°27' | Choctaw Bluff, Ala. 1943 15' | Paved road crossing at Salt Creek about 2.5 mi northwest of Rockville, Ala. in section 33, T6N, R2E | 1894 | 1976 | Normal | N13°E | --NW | N.A. | Marianna Limestone (Oligocene) and strata of Naheola Formation (Paleocene) | 1400 ft (427 m) | Base of Marianna Limestone (Oligo.) | -- | -- | Only one of numerous exposures of Jackson fault, which extends for about 19 mi (31 km) | Smith and others, 1894 Toulmin, 1940, 1962 MacNeil, 1946 Causey and Newton, 1971 |
| 127 | Jackson fault (north) | 87°54' | 31°33' | Andalusia, Ala. 1° x 2° sheet | Little Stave Creek just north of Jackson, Ala. in the northeast corner of section 30, T7N, R2E | 1894 | 1976 | Normal | N40°W | --SW | N.A. | Strata of Marianna Limestone (Oligocene) and Tallahatta Formation (Eocene) | >400 ft (122 m) | Base of Tallahatta Formation (Eoc.) | -- | -- | -- | |
| 128 | -- | 87°58' | 31°35' | Andalusia, Ala. 1° x 2° sheet | State Rt. 69 about 6.0 mi north of Jackson, Ala. on north edge of section 15, T7N, R1E | 1971 | 1971 | Normal | N52°E | --SE | N.A. | Strata of Lisbon and Tallahatta Formations (Eocene) | N.A. | Base of Lisbon Formation (Eoc.) | -- | -- | A small fault probably related to movements on Hatchetigbee Anticline | Causey and Newton, 1971 |
| 129 | Upper State Game Sanctuary fault | 87°57' | 31°33' | Andalusia, Ala. 1° x 2° sheet | Just west of State Rt. 69 4.0 mi north of Jackson, Ala. in section 27, T7N, R1E | 1971 | 1971 | Normal | N50°E | --SE | N.A. | Strata of the (Miocene) series, (Oligocene) series, and Jackson Group (Eocene) | >50 ft (15 m) | Beds in Oligocene series (Oligo.) | -- | -- | Fault is probably associated with similar fault in previous entry | Causey and Newton, 1971 Copeland and others, 1976 |
| 130 | Pollard fault zone | 87°11' | 31°02' | Pollard, Ala. 1960 | From Alabama-Florida line at Conecuh, Ala., extending past Pollard, Ala. on arcuate path almost to Jackson, Ala. (subsurface) | 1954 | 1974 | Normal | N70°W | 50°SW | N.A. | Strata ranging from Tuscaloosa Formation (U. Cret.) through the (Oligocene) series | 450 ft (137 m) | Beds in Tuscaloosa Formation (U. Cret.) | -- | -- | Faults form a series of grabens for about 50 mi ( 80 km) and are defined on basis of subsurface data | Winter, 1954 Murray, 1961 Joiner and Moore, 1966 Marsh, 1967 |
| 131 | Pollard fault zone | 87°11' | 31°02' | Pollard, Ala. 1960 | From Alabama-Florida line at Conecuh, Ala., extending past Pollard, Ala. on arcuate path almost to Jackson, Ala. (subsurface) | 1954 | 1974 | Normal | N70°W | 50°NE | N.A. | Strata ranging from Tuscaloosa Formation (U. Cret.) through the (Oligocene) series | 450 ft (137 m) | Beds in Tuscaloosa Formation (U. Cret.) | -- | -- | Faults form a series of grabens for about 50 mi ( 80 km) and are defined on basis of subsurface data | |

[1] Quadrangles are published by the U.S. Geological Survey; are 7.5 -minute series (1:24,000-scale) unless otherwise indicated. 15-minute quadrangles are 1:62,500 scale; 1° x 2° sheets are 1:250,000 scale and cover one degree of latitude and two degrees of longitude.

[2] L.L., left lateral; R.L., right lateral.

Abbreviations used: N.A., data not available; long dash (--), information does not exist; L., Lower; U., Upper; Dev., Devonian; Cret., Cretaceous; Tert., Tertiary; Quat., Quaternary; Paleo., Paleocene; Eoc., Eocene; Oligo., Oligocene; Mio., Miocene; Plio., Pliocene; Pleist., Pleistocene; Fm., Formation.

# INDEX OF FAULTS OF CRETACEOUS AND CENOZOIC AGE IN THE EASTERN UNITED STATES

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