Appendix D

Appropriated Fund Wage and Survey Areas

a. Wage area makeup.
A wage area is a defined geographic area within which are found concentrations of Federal wage employees in combination with concentrations of private enterprise employment, and which is treated as a single unit for purposes of fixing and applying Federal wage rates. A wage area consists of two parts:
1. **Survey area.** That geographic area in which the establishments included in the locality wage survey are located; and
2. **Area of application.** That geographic area, including the survey area, and additional areas, in which wage schedules derived from a wage survey are uniformly applied to covered wage employees of all agencies. It generally includes at least some counties contiguous to the survey area and, where surveyable areas are widely separated, may include many counties.

b. Order of wage area definitions.
The wage area definitions which follow are in alphabetical order by State and alphabetically within a State by title of wage area. The definitions apply to all regular wage surveys and to all wage employees covered by regular schedules of the Federal Wage System. With a few exceptions each area is defined in terms of county units, independent cities, or, in the New England States, of entire township or city units. Each wage area consists of:
1. **Wage area title.** Wage areas usually carry the title of the principal city in the area. Sometimes, however, the area title reflects a broader geographic area, for examples Wyoming or Eastern Tennessee.
2. **Survey area definition.** Each county, independent city, or township in the survey area is listed.
3. **Area of application definition.** Each county, independent city, or township which in addition to the survey area is in the area of application is listed.

Definitions of Wage and Wage Survey Areas

**ALABAMA**

ANNISTON-GADSDEN (001)

*Survey area:*
Alabama: Calhoun, Etowah, and Talladega Counties

*Area of application. Survey area plus:*
Alabama: Cherokee, Clay, Cleburne, De Kalb, and Randolph Counties

BIRMINGHAM (002)

*Survey area*
Alabama: Jefferson, St. Clair, Shelby, Tuscaloosa, and Walker Counties

*Area of application. Survey area plus:*
Alabama: Bibb, Blount, Chilton, Cullman, Fayette, Greene, Hale, Lamar, Marengo, Perry, and Pickens Counties
DOTHAN (003)
Survey area
Alabama: Dale and Houston Counties
Georgia: Early County
Area of application. Survey area plus:
Alabama: Barbour, Coffee, Geneva, and Henry Counties
Georgia: Clay, Miller, and Seminole Counties

HUNTSVILLE (004)
Survey area
Alabama: Limestone, Madison, Marshall, and Morgan Counties
Area of application. Survey area plus:
Alabama: Colbert, Franklin, Jackson, Lauderdale, Lawrence, Marion, and Winston Counties
Tennessee: Franklin, Giles, Lawrence, Lincoln, Moore, and Wayne Counties

ALASKA
ALASKA (007)
Survey area
Alaska: Anchorage, Fairbanks, and Juneau Boroughs (and the areas within a 24-kilometer, 15-mile, radius of their corporate city limits)
Area of application. Survey area plus:
State of Alaska (except special area schedules)

ARIZONA
NORTHEASTERN ARIZONA (008)
Survey area
Arizona: Apache, Coconino, and Navajo Counties
New Mexico: McKinley and San Juan Counties
Area of application. Survey area plus:
Colorado: Dolores, Gunnison (only includes the Curecanti National Recreation Area portion), La Plata, Montezuma, Montrose, Ouray, San Juan, and San Miguel Counties
Utah: Kane and San Juan (does not include the Canyonlands National Park portion) Counties

PHOENIX (009)
Survey area
Arizona: Gila and Maricopa Counties
Area of application. Survey area plus:
Arizona: Pinal and Yavapai Counties

TUCSON (010)
Survey area
Arizona: Pima County
Area of application. Survey area plus:
  Arizona: Cochise, Graham, Greenlee, and Santa Cruz Counties

ARKANSAS

LITTLE ROCK (011)
Survey area
  Arkansas: Jefferson, Pulaski, and Saline Counties
Area of application. Survey area plus:
  Arkansas: Arkansas, Ashley, Baxter, Boone, Bradley, Calhoun, Chicot, Clay, Clark, Cleburne, Cleveland, Conway, Dallas, Desha, Drew, Faulkner, Franklin, Fulton, Garland, Grant, Greene, Hot Spring, Independence, Izard, Jackson, Johnson, Lawrence, Lincoln, Logan, Lonoke, Marion, Monroe, Montgomery, Newton, Ouachita, Perry, Phillips, Pike, Polk, Pope, Prairie, Randolph, Scott, Searcy, Sharp, Stone, Union, Van Buren, White, Woodruff, and Yell Counties

CALIFORNIA

FRESNO (012)
Survey area
  California: Fresno, Kings, and Tulare Counties
Area of application. Survey area plus:
  California: Kern (does not include China Lake Naval Weapons Center, Edwards Air Force Base, and portions occupied by Federal activities in Boron (City)), and Madera (does not include Devils Postpile National Monument and Yosemite National Park portions) Counties

LOS ANGELES (013)
Survey area
  California: Los Angeles County
Area of application. Survey area plus:
  California: Inyo (only includes the China Lake Naval Weapons Center portion), Kern (only includes the China Lake Naval Weapons Center, Edwards Air Force Base, and portions occupied by Federal activities in Boron (City)), Orange, Riverside (only includes the Joshua Tree National Monument portion), San Bernardino (all of San Bernardino County except that portion occupied by, and south and west of, the Angeles and San Bernardino National Forests), and Ventura Counties

SACRAMENTO (014)
Survey area
  California: Placer, Sacramento, Sutter, Yolo, and Yuba Counties
Area of application. Survey area.
  California: Alpine, Amador, Butte, Colusa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Modoc, Nevada, Plumas, Shasta, Sierra, Siskiyou, Tehama, and Trinity Counties
SALINAS-MONTEREY (015)
Survey area
California: Monterey County
Area of application. Survey area plus:
California: San Benito County

SAN BERNARDINO-RIVERSIDE-ONTARIO (016)
Survey area
California: Riverside (does not include the Joshua Tree National Monument portion) and San Bernardino (only that portion occupied by, and south and west of, the Angeles and San Bernardino National Forests) Counties
Area of application. Survey area.

SAN DIEGO (017)
Survey area
California: San Diego County
Area of application. Survey area plus.
Arizona: La Paz and Yuma Counties
California: Imperial County

SAN FRANCISCO (018)
Survey area
California: Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, and Solano Counties
Area of application. Survey area plus:
California: Mendocino, Santa Cruz, and Sonoma Counties

SANTA BARBARA (019)
Survey area
California: Santa Barbara County
Area of application. Survey area plus:
California: San Luis Obispo County

STOCKTON (020)
Survey area
California: San Joaquin County
Area of application. Survey area plus:
California: Calaveras, Madera (only includes the Yosemite National Park portion), Mariposa, Merced, Stanislaus, and Tuolumne Counties

COLORADO

DENVER (022)
Survey area
Colorado: Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas, Gilpin, and Jefferson Counties
Area of application. Survey area plus:

SOUTHERN COLORADO (023)
Survey area
Colorado: El Paso, Pueblo, and Teller Counties
Area of application. Survey area plus:
Colorado: Alamosa, Archuleta, Baca, Bent, Chaffee, Cheyenne, Conejos, Costilla, Crowley, Custer, Delta, Fremont, Gunnison (does not includes the Curecanti National Recreation Area portion), Hinsdale, Huerfano, Kiowa, Kit Carson, Las Animas, Lincoln, Mineral, Otero, Prowers, Rio Grande, and Saguache Counties

CONNECTICUT

NEW HAVEN-HARTFORD (024)
Survey area
Connecticut: Hartford and New Haven Counties
Area of application. Survey area plus:
Connecticut: Fairfield, Litchfield, Middlesex, and Tolland Counties

NEW LONDON (025)
Survey area
Connecticut: New London County
Area of application. Survey area plus:
Connecticut: Windham County

DELAWARE

WILMINGTON (026)
Survey area
Delaware: Kent and New Castle Counties
Maryland: Cecil County
New Jersey: Salem County
Area of application. Survey area plus:
Delaware: Sussex County
Maryland: Caroline, Dorchester, Kent, Somerset, Talbot, Wicomico, and Worcester (does not include the Assateague Island portion) Counties

DISTRICT OF COLUMBIA

WASHINGTON, DC (027)
Survey area
District of Columbia: Washington, DC
Maryland: Charles, Frederick, Montgomery, and Prince George’s Counties
Virginia: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park Cities
Virginia: Arlington, Fairfax, Loudoun, and Prince William Counties

Area of application. Survey area plus:
Maryland: Calvert and St. Mary’s Counties
Virginia: Fredericksburg City and Clarke, Fauquier, King George, Spotsylvania, Stafford, and Warren Counties
West Virginia: Jefferson County

FLORIDA

COCOA BEACH-MELBOURNE (028)
Survey area
Florida: Brevard County
Area of application. Survey area plus:
Florida: Indian River County

JACKSONVILLE (030)
Survey area
Florida: Alachua, Baker, Clay, Duval, Nassau, and St. Johns Counties
Area of application. Survey area plus:
Florida: Bradford, Citrus, Columbia, Dixie, Flagler, Gilchrist, Hamilton, Lafayette, Lake, Levy, Madison, Marion, Orange, Osceola, Putnam, Seminole, Sumter, Suwannee, Taylor, Union, and Volusia Counties
Georgia: Brantley, Camden, Charlton, Glynn, and Pierce Counties

MIAMI (031)
Survey area
Florida: Miami-Dade County
Area of application. Survey area plus:
Florida: Broward, Collier, Glades, Hendry, Highlands, Martin, Monroe, Okeechobee, Palm Beach, and St. Lucie Counties

PANAMA CITY (033)
Survey area
Florida: Bay and Gulf Counties
Area of application. Survey area plus:
Florida: Calhoun, Franklin, Gadsden, Holmes, Jackson, Jefferson, Leon, Liberty, Wakulla, and Washington Counties

PENSACOLA (034)
Survey area
Florida: Escambia and Santa Rosa Counties
Area of application. Survey area plus:
Alabama: Baldwin, Clarke, Conecuh, Covington, Escambia, Mobile, Monroe, and Washington Counties
Florida: Okaloosa and Walton Counties
TAMPA-ST. PETERSBURG (035)

Survey area
Florida: Hillsborough, Pasco, and Pinellas Counties

Area of application. Survey area plus:
Florida: Charlotte, De Soto, Hardee, Hernando, Lee, Manatee, Polk, and Sarasota Counties

GEORGIA

ALBANY (036)

Survey area
Georgia: Colquitt, Dougherty, Lee, Mitchell, and Worth Counties

Area of application. Survey area plus:
Georgia: Atkinson, Baker, Ben Hill, Berrien, Brooks, Calhoun, Clinch, Coffee, Cook, Decatur, Echols, Grady, Irwin, Lanier, Lowndes, Randolph, Sumter, Terrell, Thomas, Tift, Turner, and Ware Counties

ATLANTA (037)

Survey area
Georgia: Butts, Cherokee, Clayton, Cobb, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Newton, Paulding, Rockdale, and Walton Counties

Area of application. Survey area plus:
Georgia: Banks, Barrow, Bartow, Carroll, Chattooga, Clarke, Coweta, Dawson, Fannin, Floyd, Franklin, Gilmer, Gordon, Greene, Habersham, Hall, Haralson, Heard, Jackson, Jasper, Lamar, Lumpkin, Madison, Meriwether, Morgan, Murray, Oconee, Oglethorpe, Pickens, Pike, Polk, Rabun, Spalding, Stephens, Towns, Union, White, and Whitfield Counties

AUGUSTA (038)

Survey area
Georgia: Columbia, McDuffie, and Richmond Counties
South Carolina: Aiken County

Area of application. Survey area plus:
Georgia: Burke, Elbert, Emanuel, Glascock, Hart, Jefferson, Jenkins, Lincoln, Taliaferro, Warren, and Wilkes Counties
South Carolina: Allendale, Bamberg, Barnwell, Edgefield, and McCormick Counties

COLUMBUS (040)

Survey area
Alabama: Autauga, Elmore, Lee, Macon, Montgomery, and Russell Counties
Georgia: Chattahoochee County
Georgia: Columbus Consolidated Government

Area of application. Survey area plus:
Alabama: Bullock, Butler, Chambers, Coosa, Crenshaw, Dallas, Lowndes, Pike, Tallapoosa, and Wilcox Counties
Georgia: Harris, Marion, Quitman, Schley, Stewart, Talbot, Taylor, Troup, and
Webster Counties

MACON (041)
Survey area
Georgia: Bibb, Houston, Jones, Laurens, Twiggs, and Wilkinson Counties
Area of application. Survey area plus:
Georgia: Baldwin, Bleckley, Crawford, Crisp, Dodge, Dooly, Hancock, Johnson, Macon, Monroe, Montgomery, Peach, Pulaski, Putnam, Telfair, Treutlen, Upson, Washington, Wheeler, and Wilcox Counties

SAVANNAH (042)
Survey area
Georgia: Bryan, Chatham, Effingham, and Liberty Counties
Area of application. Survey area plus:
Georgia: Appling, Bacon, Bulloch, Candler, Evans, Jeff Davis, Long, McIntosh, Screven, Tattnall, Toombs, and Wayne Counties
South Carolina: Beaufort (the portion south of Broad River), Hampton, and Jasper Counties

HAWAII

HAWAII (044)
Survey area
Hawaii: Honolulu County
Area of application. Survey area plus:
Hawaii: Hawaii, Kauai (Kauai County includes the islands of Kauai and Niihau), and Maui (Maui County includes the islands of Maui, Molokai, Lanai and Kahoolawe) Counties

IDAHO

BOISE (045)
Survey area
Idaho: Ada, Boise, Canyon, Elmore, and Gem Counties
Area of application. Survey area plus:
Idaho: Adams, Bannock, Bear Lake, Bingham, Blaine, Bonneville, Butte, Camas, Caribou, Cassia, Clark, Custer, Fremont, Gooding, Jefferson, Jerome, Lemhi, Lincoln, Madison, Minidoka, Oneida, Owyhee, Payette, Power, Teton, Twin Falls, Valley, and Washington Counties

ILLINOIS

CENTRAL ILLINOIS (046)
Survey area
Illinois: Champaign, Menard, Sangamon, and Vermilion Counties
Area of application. Survey area plus:

CHICAGO (047)
Survey area
Illinois: Cook, Du Page, Kane, Lake, McHenry, and Will Counties
Area of application. Survey area plus:
Illinois: Boone, De Kalb, Grundy, Iroquois, Kankakee, Kendall, La Salle, Lee, Livingston, Ogle, Stephenson, and Winnebago Counties
Indiana: Jasper, Lake, La Porte, Newton, Porter, Pulaski, and Starke Counties
Wisconsin: Kenosha County

INDIANA

BLOOMINGTON-BEDFORD-WASHINGTON (048)
Survey area
Indiana: Daviess, Greene, Knox, Lawrence, Martin, Monroe, and Orange Counties
Area of application. Survey area plus:
Illinois: Edwards, Gallatin, Hardin, Lawrence, Richland, Wabash, and White Counties
Indiana: Crawford, Dubois, Gibson, Jackson, Owen, Perry, Pike, Posey, Spencer, Vanderburgh, and Warrick Counties
Kentucky: Crittenden, Daviess, Hancock, Henderson, Livingston, McLean, Ohio, Union, and Webster Counties

FT. WAYNE-MARION (049)
Survey area
Indiana: Adams, Allen, De Kalb, Grant, Huntington, and Wells Counties
Area of application. Survey area plus:
Ohio: Allen, Defiance, Fulton, Henry, Mercer, Paulding, Putnam, Van Wert and Williams Counties

INDIANAPOLIS (050)
Survey area
Indiana: Boone, Hamilton, Hancock, Hendricks, Johnson, Marion, Morgan, and Shelby Counties
Area of application. Survey area plus:
IOWA

CEDAR RAPIDS-IOWA CITY (052)
Survey area
Iowa: Benton, Black Hawk, Johnson, and Linn Counties
Area of application. Survey area plus:

DAVENPORT-ROCK ISLAND-MOLINE (053)
Survey area
Illinois: Henry and Rock Island Counties
Iowa: Scott County
Area of application. Survey area plus:
Iowa: Clinton, Des Moines, Dubuque, Jackson, Lee, Louisa, and Muscatine Counties

DES MOINES (054)
Survey area
Iowa: Polk, Story, and Warren Counties
Area of application. Survey area plus:
Iowa: Adair, Appanoose, Boone, Calhoun, Carroll, Cerro Gordo, Clarke, Dallas, Decatur, Franklin, Greene, Guthrie, Hamilton, Hancock, Hardin, Humboldt, Jasper, Kossuth, Lucas, Madison, Mahaska, Marion, Marshall, Monroe, Poweshiek, Ringgold, Union, Wayne, Webster, Winnebago, Worth, and Wright Counties

KANSAS

TOPEKA (056)
Survey area
Kansas: Geary, Jefferson, Osage, and Shawnee Counties
Area of application. Survey area plus:
Kansas: Brown, Clay, Cloud, Coffey, Dickinson, Jackson, Lyon, Marshall, Morris, Nemaha, Ottawa, Pottawatomie, Republic, Riley, Saline, Wabaunsee, and Washington Counties

WICHITA (057)
Survey area
Kansas: Butler and Sedgwick Counties
Area of application. Survey area plus:
Kansas: Barber, Barton, Chase, Chautauqua, Cheyenne, Clark, Comanche, Cowley, Decatur, Edwards, Elk, Ellis, Ellsworth, Finney, Ford, Gove, Graham, Grant, Gray, Greeley, Greenwood, Hamilton, Harper, Harvey, Haskell, Hodgeman, Jewell,

KENTUCKY

LEXINGTON (058)
Survey area
Kentucky: Bourbon, Clark, Fayette, Jessamine, Madison, Scott, and Woodford Counties
Area of application. Survey area plus:
Kentucky: Anderson, Bath, Bell, Boyle, Breathitt, Casey, Clay, Estill, Fleming, Franklin, Garrard, Green, Harrison, Jackson, Knott, Knox, Laurel, Lee, Leslie, Lincoln, McCreary, Marion, Menifee, Mercer, Montgomery, Morgan, Nicholas, Owen, Owsley, Perry, Powell, Pulaski, Robertson, Rockcastle, Rowan, Taylor, Washington, Wayne, Whitley, and Wolfe Counties

LOUISVILLE (059)
Survey area
Indiana: Clark, Floyd, and Jefferson Counties
Kentucky: Bullitt, Hardin, Jefferson, and Oldham Counties
Area of application. Survey area plus:
Indiana: Harrison, Jennings, Scott, and Washington Counties
Kentucky: Breckinridge, Grayson, Hart, Henry, Larue, Meade, Nelson, Shelby, Spencer, and Trimble Counties

LOUISIANA

LAKE CHARLES-ALEXANDRIA (060)
Survey area
Louisiana: Allen, Beauregard, Calcasieu, Grant, Rapides, Sabine, and Vernon Parishes
Area of application. Survey area plus:
Louisiana: Acadia, Avoyelles, Caldwell, Cameron, Catahoula, Concordia, Evangeline, Franklin, Iberia, Jefferson Davis, Lafayette, La Salle, Madison, Natchitoches, St. Landry, St. Martin, Tensas, Vermilion, and Winn Parishes

NEW ORLEANS (061)
Survey area
Louisiana: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. John the Baptist, and St. Tammany Parishes
Area of application. Survey area plus:
Louisiana: Ascension, Assumption, East Baton Rouge, East Feliciana, Iberville, Lafourche, Livingston, Pointe Coupee, St. Helena, St. James, St. Mary, Tangipahoa, Terrebonne, Washington, West Baton Rouge, and West Feliciana Parishes
SHREVEPORT (062)

Survey area
Louisiana: Bossier, Caddo, and Webster Parishes

Area of application. Survey area plus:
Louisiana: Bienville, Claiborne, De Soto, East Carroll, Jackson, Lincoln, Morehouse, Ouachita, Red River, Richland, Union, and West Carroll Parishes
Texas: Cherokee, Gregg, Harrison, Panola, Rusk, and Upshur Counties

MAINE

AUGUSTA (063)

Survey area
Maine: Kennebec, Knox, and Lincoln Counties

Area of application. Survey area.

CENTRAL AND NORTHERN MAINE (064)

Survey area
Maine: Aroostook and Penobscot Counties

Area of application. Survey area plus:
Maine: Hancock, Piscataquis, Somerset, Waldo, and Washington Counties

PORTLAND (065)

Survey area
Maine: Androscoggin, Cumberland, and Sagadahoc Counties

Area of application. Survey area plus:
Maine: Franklin and Oxford Counties
New Hampshire: Coos County

MARYLAND

BALTIMORE (066)

Survey area
Maryland: Baltimore City and Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties

Area of application. Survey area plus:
Maryland: Queen Anne’s County

HAGERSTOWN-MARTINSBURG-CHAMBERSBURG (067)

Survey area
Maryland: Washington County
Pennsylvania: Franklin County
West Virginia: Berkeley County

Area of application. Survey area plus:
Maryland: Allegany and Garrett Counties
Pennsylvania: Fulton County
Virginia: Harrisonburg and Winchester Cities
Virginia: Culpeper, Frederick, Greene, Madison, Page, Rappahannock, Rockingham, and Shenandoah Counties
West Virginia: Hampshire, Hardy, Mineral, and Morgan Counties

MASSACHUSETTS

BOSTON (068)
Survey area
Massachusetts:
The following cities and towns in:

Essex County
Beverly, Boxford, Danvers, Hamilton, Lynn, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Peabody, Salem, Saugus, South Hamilton, Swampscott, Topsfield, and Wenham

Middlesex County

Norfolk County
Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, East Walpole, Foxborough, Franklin, Harding, Holbrook, Islington, Medfield, Medway, Millis, Milton, Needham, Norfolk, North Cohasset, Norwood, Quincy, Randolph, Sharon, South Walpole, Stoughton, Walpole, Wellesley, Westwood, Weymouth, and Wrentham

Plymouth County
Abington, Duxbury, Hanover, Hanson, Hingham, Hull, Kingston, Marshfield, Marshfield Hills, North Scituate, Norwell, Oceanbluff, Pembroke, Rockland, Scituate, Shore Acres, South Duxbury, South Hingham, and West Hanover

Suffolk County

Area of application. Survey area plus:
Massachusetts: Barnstable, Dukes, Nantucket, and Plymouth (nonsurvey area part)

Counties
The following cities and towns in:

Bristol County
Easton

Essex County
Andover, Essex, Gloucester, Ipswich, Lawrence, Methuen, Rockport, and Rowley

Middlesex County
Ayer, Billerica, Chelmsford, Dracut, Dunstable, Groton, Hopkinton, Hudson, Littleton, Lowell, Marlborough, Maynard, Pepperell, Stow, Tewksbury, Tyngsborough, and Westford

Norfolk County
Avon
CENTRAL AND WESTERN MASSACHUSETTS (069)

Survey area
Massachusetts:
The following cities and towns in:
Hampden County
Agawam, Chicopee, East Longmeadow, Feeding Hills, Hampden, Holyoke,
Longmeadow, Ludlow, Monson, Palmer, Southwick, Springfield, Three Rivers,
Westfield, West Springfield, and Wilbraham
Hampshire County
Easthampton, Granby, Hadley, Northampton, and South Hadley
Worcester County
Warren and West Warren

Area of application. Survey area plus:
Massachusetts: Berkshire, Franklin, and Worcester (except Blackstone and Millville)
Counties
The following towns and cities in:
Hampden County
Blandford, Brimfield, Chester, Granville, Holland, Montgomery, Russell, Tolland,
and Wales
Hampshire County
Amherst, Belchertown, Chesterfield, Cummington, Goshen, Hatfield, Huntington,
Middlefield, Pelham, Plainfield, Southampton, Ware, Westhampton, Williamsburg,
and Worthington
Middlesex County
Ashby, Shirley, and Townsend
New Hampshire: Belknap, Carroll, Cheshire, Grafton, Hillsborough, Merrimack, and
Sullivan Counties
Vermont: Addison, Bennington, Caledonia, Essex, Lamoille, Orange, Orleans,
Rutland, Washington, Windham, and Windsor Counties

MICHIGAN

DETROIT (070)
Survey area
Michigan: Lapeer, Livingston, Macomb, Oakland, St. Clair, and Wayne Counties
Area of application. Survey area plus:
Michigan: Arenac, Bay, Clare, Clinton, Eaton, Genesee, Gladwin, Gratiot, Huron,
Ingham, Isabella, Lenawee, Midland, Monroe, Saginaw, Sanilac, Shiawassee,
Tuscola, and Washtenaw Counties
Ohio: Lucas and Wood Counties

NORTHEASTERN MICHIGAN (071)
Survey area
Michigan: Delta, Dickinson, and Marquette Counties
Area of application. Survey area plus:
Michigan: Alcona, Alger, Alpena, Antrim, Baraga, Benzie, Charlevoix, Cheboygan,
Chippewa, Crawford, Emmet, Gogebic, Grand Traverse, Houghton, Iosco, Iron, Kalkaska, Keweenaw, Leelanau, Luce, Mackinac, Manistee, Menominee, Missaukee, Montmorency, Ogemaw, Ontonagon, Oscoda, Otsego, Presque Isle, Roscommon, Schoolcraft, and Wexford Counties

SOUTHWESTERN MICHIGAN (073)

Survey area
Michigan: Barry, Calhoun, Kalamazoo, and Van Buren Counties

Area of application. Survey area plus:
Michigan: Allegan, Berrien, Branch, Cass, Hillsdale, Ionia, Jackson, Kent, Lake, Mason, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, Osceola, Ottawa, and St. Joseph Counties

MINNESOTA

DULUTH (074)

Survey area
Minnesota: Carlton and St. Louis Counties
Wisconsin: Douglas County

Area of application. Survey area plus:
Minnesota: Aitkin, Becker (only includes the White Earth Indian Reservation portion), Beltrami, Cass, Clearwater, Cook, Crow Wing, Hubbard, Itasca, Koochiching, Lake, Lake of the Woods, Mahnomen, and Pine Counties
Wisconsin: Ashland, Bayfield, Burnett, Iron, Sawyer, and Washburn Counties

MINNEAPOLIS-ST. PAUL (075)

Survey area
Minnesota: Anoka, Carver, Chisago, Dakota, Hennepin, Ramsey, Scott, Washington, and Wright Counties
Wisconsin: St. Croix County

Area of application. Survey area plus:
Minnesota: Benton, Big Stone, Blue Earth, Brown, Chippewa, Cottonwood, Dodge, Douglas, Faribault, Freeborn, Goodhue, Grant, Isanti, Kanabec, Kandiyohi, Lac Qui Parle, Le Sueur, McLeod, Martin, Meeker, Mille Lacs, Morrison, Mower, Nicollet, Olmsted, Pope, Redwood, Renville, Rice, Sherburne, Sibley, Stearns, Steele, Stevens, Swift, Todd, Traverse, Wabasha, Wadena, Waseca, Watonwan, and Yellow Medicine Counties
Wisconsin: Pierce and Polk Counties

MISSISSIPPI

BILOXI (076)

Survey area
Mississippi: Hancock, Harrison, and Jackson Counties

Area of application. Survey area plus:
Mississippi: George, Pearl River, and Stone Counties
JACKSON (078)

Survey area
Mississippi: Hinds, Rankin, and Warren Counties

Area of application. Survey area plus:
Mississippi: Adams, Amite, Attala, Claiborne, Copiah, Covington, Franklin, Holmes, Humphreys, Issaquena, Jefferson, Jefferson Davis, Lawrence, Lincoln, Madison, Marion, Pike, Scott, Sharkey, Simpson, Smith, Walthall, Wilkinson, and Yazoo Counties

MERIDIAN (079)

Survey area
Alabama: Choctaw County
Mississippi: Forrest, Lamar, and Lauderdale Counties

Area of application. Survey area plus:
Alabama: Sumter County
Mississippi: Clarke, Greene, Jasper, Jones, Kemper, Leake, Neshoba, Newton, Perry, and Wayne Counties

NORTHERN MISSISSIPPI (077)

Survey area
Mississippi: Clay, Grenada, Lee, Leflore, Lowndes, Monroe, and Oktibbeha Counties

Area of application. Survey area plus:
Mississippi: Alcorn, Bolivar, Calhoun, Carroll, Chickasaw, Choctaw, Coahoma, Itawamba, Lafayette (does not include the Holly Springs National Forest portion), Montgomery, Noxubee, Pontotoc (does not include the Holly Spring National Forest portion), Prentiss, Quitman, Sunflower, Tallahatchie, Tishomingo, Union (does not include the Holly Springs National Forest portion), Washington, Webster, Winston, and Yalobusha Counties

MISSOURI

KANSAS CITY (080)

Survey area
Kansas: Johnson, Leavenworth, and Wyandotte Counties
Missouri: Cass, Clay, Jackson, Platte, and Ray Counties

Area of application. Survey area plus:
Kansas: Allen, Anderson, Atchison, Bourbon, Doniphan, Douglas, Franklin, Linn, and Miami Counties
Missouri: Adair, Andrew, Atchison, Bates, Buchanan, Caldwell, Carroll, Chariton, Clinton, Cooper, Daviess, De Kalb, Gentry, Grundy, Harrison, Henry, Holt, Howard, Johnson, Lafayette, Linn, Livingston, Macon, Mercer, Nodaway, Pettis, Putnam, Saline, Schuyler, Sullivan, and Worth Counties

ST. LOUIS (081)

Survey area
Illinois: Clinton, Madison, Monroe, and St. Clair Counties
Missouri: St. Louis City and Franklin, Jefferson, St. Charles, and St. Louis Counties

Area of application. Survey area plus:
   Missouri: Audrain, Bollinger, Boone, Callaway, Cape Girardeau, Clark, Cole, Crawford, Gasconade, Knox, Lewis, Lincoln, Marion, Monroe, Montgomery, Osage, Perry, Pike, Ralls, Randolph, St. Francois, Ste. Genevieve, Scotland, Shelby, Warren, and Washington Counties

SOUTHERN MISSOURI (082)

Survey area
   Missouri: Christian, Greene, Laclede, Phelps, Pulaski, and Webster Counties

Area of application. Survey area plus:
   Kansas: Cherokee and Crawford Counties

MONTANA

MONTANA (083)

Survey area
   Montana: Cascade, Lewis and Clark, and Yellowstone Counties

Area of application. Survey area plus:
   Wyoming: Big Horn, Park, and Teton Counties

NEBRASKA

OMAHA (084)

Survey area
   Iowa: Pottawattamie County
   Nebraska: Douglas, Lancaster, and Sarpy Counties

Area of application. Survey area plus:
Pocahontas, Sac, Shelby, Sioux, Taylor, and Woodbury Counties
South Dakota: Union County

NEVADA

LAS VEGAS (085)
Survey area
Nevada: Clark and Nye Counties
Area of application. Survey area plus:
Arizona: Mohave County
California: Inyo (does not include the China Lake Naval Weapons Center portion) County
Nevada: Esmeralda and Lincoln Counties

RENO (086)
Survey area
Nevada: Lyon, Mineral, Storey, and Washoe Counties
Area of application. Survey area plus:
California: Lassen, Madera (includes only the Devils Postpile National Monument portion), and Mono (does not cover locations where the Bridgeport, California, special schedule applies) Counties

NEW HAMPSHIRE

PORTSMOUTH (087)
Survey area
Maine: York County
Massachusetts:
The following cities and towns in:
Essex County
Amesbury, Georgetown, Groveland, Haverhill, Merrimac, Newbury, Newburyport, North Andover, Salisbury, South Byfield, and West Newbury
New Hampshire: Rockingham (except the following cities and towns: Newton, Plaistow, Salem, and Westville) and Strafford Counties
Area of application. Survey area plus:
New Hampshire:
The following towns in:
  *Rockingham County*
  Newton, Plaistow, Salem, and Westville

NEW MEXICO

ALBUQUERQUE (089)
  *Survey area*
  New Mexico: Bernalillo and Sandoval Counties
  *Area of application. Survey area plus:*
  New Mexico: Catron, Cibola, Colfax, Curry, De Baca, Guadalupe, Harding, Lincoln (does not include the White Sands Missile Range portion), Los Alamos, Mora, Quay, Rio Arriba, Roosevelt, San Miguel, Santa Fe, Socorro (does not include the White Sands Missile Range portion), Taos, Torrance, Union, and Valencia Counties

NEW YORK

ALBANY-SCHENECTADY-TROY (091)
  *Survey area*
  New York: Albany, Montgomery, Rensselaer, Saratoga, and Schenectady Counties
  *Area of application. Survey area plus:*
  New York: Columbia, Fulton, Greene, Schoharie, Warren, and Washington Counties

BUFFALO (092)
  *Survey area*
  New York: Erie and Niagara Counties
  *Area of application. Survey area plus:*
  New York: Cattaraugus and Chautauqua Counties
  Pennsylvania: Elk (only includes the Allegheny National Forest portion), Forest (only includes the Allegheny National Forest portion), McKean, and Warren Counties

NEWBURGH (093)
  *Survey area*
  New York: Dutchess, Orange, and Ulster Counties
  *Area of application. Survey area plus:*
  New York: Delaware and Sullivan Counties

NEW YORK (094)
  *Survey area*
  New Jersey: Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union Counties
  New York: Bronx, Kings, Nassau, New York, Queens, Suffolk, and Westchester Counties
  *Area of application. Survey area plus:*
  New Jersey: Hunterdon, Monmouth, Ocean (does not include the Fort Dix Military
NORTHERN NEW YORK (095)

Survey area
- New York: Clinton, Franklin, Jefferson, and St. Lawrence Counties
- Vermont: Chittenden, Franklin, and Grand Isle Counties

Area of application. Survey area plus:
- New York: Essex and Lewis Counties

ROCHESTER (096)

Survey area
- New York: Livingston, Monroe, Ontario, Orleans, Steuben, and Wayne Counties

Area of application. Survey area plus:
- New York: Allegany, Chemung, Genesee, Schuyler, Seneca, Wyoming, and Yates Counties
- Pennsylvania: Tioga County

SYRACUSE-UTICA-ROME (097)

Survey area
- New York: Herkimer, Madison, Oneida, Onondaga, and Oswego Counties

Area of application. Survey area plus:
- New York: Broome, Cayuga, Chenango, Cortland, Hamilton, Otsego, Tioga, and Tompkins Counties

NORTH CAROLINA

ASHEVILLE (098)

Survey area
- North Carolina: Buncombe, Haywood, Henderson, Madison, and Transylvania Counties

Area of application. Survey area plus:
- North Carolina: Avery, Burke, Caldwell, Cherokee, Clay, Graham, Jackson, McDowell, Macon, Mitchell, Polk, Rutherford, Swain, and Yancey Counties

CENTRAL NORTH CAROLINA (099)

Survey area
- North Carolina: Cumberland, Durham, Harnett, Hoke, Johnston, Orange, Wake, and Wayne Counties

Area of application. Survey area plus:
- South Carolina: Dillon, Marion, and Marlboro Counties
CHARLOTTE (100)

Survey area
   North Carolina: Cabarrus, Gaston, Mecklenburg, Rowan, and Union Counties

Area of application. Survey area plus:
   North Carolina: Alexander, Anson, Catawba, Cleveland, Iredell, Lincoln, Stanly, and Wilkes Counties
   South Carolina: Chesterfield, Lancaster, and York Counties

SOUTHEASTERN NORTH CAROLINA (101)

Survey Area
   North Carolina: Brunswick, Carteret, Columbus, Craven, Jones, Lenoir, New Hanover, Onslow, Pamlico, and Pender Counties

Area of application. Survey area plus:
   North Carolina: Beaufort, Bertie, Dare, Duplin, Greene, Hertford, Hyde, Martin, Pitt, Tyrrell, and Washington Counties
   South Carolina: Horry County

NORTH DAKOTA

NORTH DAKOTA (103)

Survey area
   Minnesota: Clay and Polk Counties
   North Dakota: Burleigh, Cass, Grand Forks, McLean, Mercer, Morton, Oliver, Traill, and Ward Counties

Area of application. Survey area plus:
   Minnesota: Becker (does not include the White Earth Indian Reservation portion), Kittson, Marshall, Norman, Otter Tail, Pennington, Red Lake, Roseau, and Wilkin Counties
   North Dakota: Adams, Barnes, Benson, Billings, Bottineau, Bowman, Burke, Cavalier, Dickey, Divide, Dunn, Eddy, Emmons, Foster, Golden Valley, Grant, Griggs, Hettinger, Kidder, La Moure, Logan, McHenry. McIntosh, McKenzie, Mountrail, Nelson, Pembina, Pierce, Ramsey, Ransom, Renville, Richland, Rolette, Sargent, Sheridan, Sioux, Slope, Stark, Steele, Stutsman, Towner, Walsh, Wells, and Williams Counties

OHIO

CINCINNATI (104)

Survey area
   Indiana: Dearborn County
   Kentucky: Boone, Campbell, and Kenton Counties
   Ohio: Clermont, Hamilton, and Warren Counties

Area of application. Survey area plus:
   Indiana: Franklin, Ohio, Ripley, and Switzerland Counties
   Kentucky: Bracken, Carroll, Gallatin, Grant, Mason, and Pendleton Counties
   Ohio: Adams, Brown, Butler, and Highland Counties
CLEVELAND (105)

Survey area
Ohio: Cuyahoga, Geauga, Lake, and Medina Counties

Area of application. Survey area plus:
Ohio: Ashland, Ashtabula, Carroll, Columbiana, Erie, Huron, Lorain, Mahoning, Ottawa, Portage, Sandusky, Seneca, Stark, Summit, Trumbull, and Wayne Counties
Pennsylvania: Mercer County

COLUMBUS (106)

Survey area
Ohio: Delaware, Fairfield, Franklin, Licking, Madison, and Pickaway Counties

Area of application. Survey area plus:
Ohio: Coshocton, Crawford, Fayette, Guernsey, Hancock, Hardin, Hocking, Holmes, Knox, Marion, Morrow, Muskingum, Perry, Richland, Ross, Union, and Wyandot Counties

DAYTON (107)

Survey area
Ohio: Champaign, Clark, Greene, Miami, Montgomery, and Preble Counties

Area of application. Survey area plus:
Indiana: Randolph, Union, and Wayne Counties
Ohio: Auglaize, Clinton, Darke, Logan, and Shelby Counties

OKLAHOMA

OKLAHOMA CITY (109)

Survey area
Oklahoma: Canadian, Cleveland, McClain, Oklahoma, and Pottawatomie Counties

Area of application. Survey area plus:

TULSA (111)

Survey area
Oklahoma: Creek, Mayes, Muskogee, Osage, Pittsburg, Rogers, Tulsa, and Wagoner Counties

Area of application. Survey area plus:
Arkansas: Benton, Carroll, Crawford, Madison, Sebastian, and Washington Counties
Missouri: McDonald County
Oklahoma: Adair, Cherokee, Choctaw, Craig, Delaware, Haskell, Kay, Latimer, LeFlore, McCurtain, McIntosh, Nowata, Okfuskee, Okmulgee, Ottawa, Pawnee, Pushmataha, Sequoyah, and Washington Counties
OREGON

PORTLAND (112)
Survey area
Oregon: Clackamas, Marion, Multnomah, Polk, and Washington Counties
Washington: Clark County
Area of application. Survey area plus:
Oregon: Clatsop, Columbia, Gilliam, Hood River, Sherman, Tillamook, Wasco, and Yamhill Counties
Washington: Cowlitz, Klickitat, Pacific, Skamania, and Wahkiakum Counties

SOUTHWESTERN OREGON (113)
Survey area
Oregon: Douglas, Jackson, and Lane Counties
Area of application. Survey area plus:
Oregon: Benton, Coos, Crook, Curry, Deschutes, Jefferson, Josephine, Klamath, Lake, Lincoln, and Linn Counties

PENNSYLVANIA

HARRISBURG (114)
Survey area
Pennsylvania: Cumberland, Dauphin, Lebanon, and York Counties
Area of application. Survey area plus:
Pennsylvania: Adams, Berks, Juniata, Lancaster, Lycoming (only includes the Allenwood Federal Prison Camp portion), Mifflin, Montour, Northumberland, Perry, Schuylkill, Snyder, and Union Counties

PHILADELPHIA (115)
Survey area
New Jersey: Burlington, Camden, and Gloucester Counties
Pennsylvania: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties
Area of application. Survey area plus:
New Jersey: Atlantic, Cape May, Cumberland, Mercer, Ocean (only includes the Fort Dix Military Reservation portion), and Warren Counties
Pennsylvania: Carbon, Lehigh and Northampton Counties

PITTSBURGH (116)
Survey area
Pennsylvania: Allegheny, Beaver, Butler, Washington, and Westmoreland Counties
Area of application. Survey area plus:
Ohio: Belmont, Harrison, Jefferson, and Tuscarawas Counties
Pennsylvania: Armstrong, Bedford, Blair, Cambria, Cameron, Centre, Clarion, Clearfield, Clinton, Crawford, Elk (does not include the Allegheny National Forest portion), Erie, Fayette, Forest (does not include the Allegheny National Forest portion), Greene, Huntingdon, Indiana, Jefferson, Lawrence, Potter, Somerset, and
Venango Counties
West Virginia: Brooke, Hancock, Marshall, and Ohio Counties

SCRANTON-WILKES-BARRE (117)
Survey area
Pennsylvania: Lackawanna, Luzerne, and Monroe Counties
Area of application. Survey area plus:
Pennsylvania: Bradford, Columbia, Lycoming (does not include the Allenwood Federal Prison Camp portion), Sullivan, Susquehanna, Wayne, and Wyoming Counties

PUERTO RICO

PUERTO RICO (151)
Survey area
Puerto Rico: Bayamón, Canóvanas, Carolina, Cataño, Guaynabo, Humacao, Loíza, San Juan, Toa Baja, and Trujillo Alto Municipios
Area of application.
Puerto Rico

RHODE ISLAND

NARRAGANSETT BAY (118)
Survey area
Massachusetts:
The following cities and towns in:
Bristol County
Attleboro, Fall River, North Attleboro, Rehoboth, Seekonk, Somerset, Swansea, and Westport
Norfolk County
Caryville, Plainville, and South Bellingham
Worcester County
Blackstone and Millville
Rhode Island: Bristol and Newport Counties
The following cities and towns in:
Kent County
Anthony, Coventry, East Greenwich, Greene, Warwick, and West Warwick
Providence County
Ashton, Burrillville, Central Falls, Cranston, Cumberland, Cumberland Hill, East Providence, Esmond, Forestdale, Greenville, Harrisville, Johnston, Lincoln, Manville, Mapleville, North Providence, North Smithfield, Oakland, Pascoag, Pawtucket, Providence, Saylesville, Slaterstown, Smithfield, Valley Falls, Wallum Lake, and Woonsocket
Washington County
Davisville, Galilee, Lafayette, Narragansett, North Kingstown, Point Judith, Quonset Point, Saunderstown, and Slocum
Area of application. Survey area plus:
Massachusetts:
The following cities and towns in:
Bristol County
   Acushnet, Berkley, Dartmouth, Dighton, Fairhaven, Freetown, Mansfield, New
   Bedford, Norton, Raynham, and Taunton
Rhode Island:
The following cities and towns in:
Kent County
   West Greenwich
Providence County
   Foster, Glocester, and Scituate
Washington County
   Charlestown, Exeter, Hopkinton, New Shoreham, Richmond, South Kingstown, and
   Westerly Counties

SOUTH CAROLINA

CHARLESTON (119)
Survey area
South Carolina: Berkeley, Charleston, and Dorchester Counties
Area of application. Survey area plus:
South Carolina: Beaufort (the portion north of Broad River), Colleton, Georgetown,
and Williamsburg Counties

COLUMBIA (120)
Survey area
South Carolina: Darlington, Florence, Kershaw, Lee, Lexington, Richland, and Sumter
Counties
Area of application. Survey area plus:
South Carolina: Abbeville, Anderson, Calhoun, Cherokee, Chester, Clarendon,
Fairfield, Greenville, Greenwood, Laurens, Newberry, Oconee, Orangeburg,
Pickens, Saluda, Spartanburg, and Union Counties

SOUTH DAKOTA

EASTERN SOUTH DAKOTA (121)
Survey area
South Dakota: Minnehaha County
Area of application. Survey area plus:
Iowa: Dickinson, Emmet, Lyon, and Osceola Counties
Minnesota: Jackson, Lincoln, Lyon, Murray, Nobles, Pipestone, and Rock Counties
South Dakota: Aurora, Beadle, Bennett, Bon Homme, Brookings, Brown, Brule,
Buffalo, Campbell, Charles Mix, Clark, Clay, Codington, Corson, Davison, Day,
Deuel, Dewey, Douglas, Edmunds, Faulk, Grant, Gregory, Haakon, Hamlin, Hand,
Hanson, Hughes, Hutchinson, Hyde, Jerauld, Jones, Kingsbury, Lake, Lincoln,
Lyman, McCook, McPherson, Marshall, Mellette, Miner, Moody, Potter, Roberts, Sanborn, Spink, Stanley, Sully, Todd, Tripp, Turner, Walworth, Yankton, and Ziebach Counties

TENNESSEE

EASTERN TENNESSEE (123)

Survey area
Tennessee: Carter, Hawkins, Sullivan, Unicoi, and Washington Counties
Virginia: Bristol City and Scott and Washington Counties

Area of application. Survey area plus:
Kentucky: Harlan and Letcher Counties
North Carolina: Alleghany, Ashe, and Watauga Counties
Tennessee: Cocke, Greene, Hancock, and Johnson Counties
Virginia: Buchanan, Grayson, Lee, Russell, Smyth, and Tazewell Counties

MEMPHIS (124)

Survey area
Arkansas: Crittenden and Mississippi Counties
Mississippi: De Soto County
Tennessee: Shelby and Tipton Counties

Area of application. Survey area plus:
Arkansas: Craighead, Cross, Lee, Poinsett, and St. Francis Counties
Mississippi: Benton, Lafayette (Holly Springs National Forest portion only), Marshall, Panola, Pontotoc (only includes the Holly Springs National Forest portion), Tate, Tippah, Tunica, and Union (only includes the Holly Springs National Forest portion) Counties
Missouri: Dunklin and Pemiscot Counties
Tennessee: Carroll, Chester, Crockett, Dyer, Fayette, Gibson, Hardeman, Hardin, Haywood, Lake, Lauderdale, Madison, McNairy, and Obion Counties

NASHVILLE (125)

Survey area
Kentucky: Christian County
Tennessee: Cheatham, Davidson, Dickson, Montgomery, Robertson, Rutherford, Sumner, Williamson, and Wilson Counties

Area of application. Survey area plus:
Georgia: Catossa, Dade, and Walker Counties
Tennessee: Anderson, Bedford, Benton, Bledsoe, Blount, Bradley, Campbell, Cannon, Claiborne, Clay, Coffee, Cumberland, Decatur, DeKalb, Fentress, Grainger, Grundy, Hamblen, Hamilton, Henderson, Henry, Hickman, Houston, Humphreys, Jackson, Jefferson, Knox, Lewis, Loudon, McMinn, Macon, Marion, Marshall,
Maury, Meigs, Monroe, Morgan, Overton, Perry, Pickett, Polk, Putnam, Rhea, Roane, Scott, Sequatchie, Sevier, Smith, Stewart, Trousdale, Union, Van Buren, Warren, Weakley, and White Counties

TEXAS

AUSTIN (129)
Survey area
Texas: Hays, Milam, Travis, and Williamson Counties
Area of application. Survey area plus:
Texas: Bastrop, Blanco, Burnet, Caldwell, Fayette, Lee, Llano, Mason, and San Saba Counties

CORPUS CHRISTI (130)
Survey area
Texas: Nueces and San Patricio Counties
Area of application. Survey area plus:
Texas: Aransas, Bee, Brooks, Calhoun, Cameron, Goliad, Hidalgo, Jim Wells, Kenedy, Kleberg, Live Oak, Refugio, Starr, Victoria, and Willacy Counties

DALLAS-FORT WORTH (131)
Survey area
Texas: Collin, Dallas, Denton, Ellis, Grayson, Hood, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties
Area of application. Survey area plus:

EL PASO (132)
Survey area
New Mexico: Dona Ana and Otero Counties
Texas: El Paso County
Area of application. Survey area plus:
New Mexico: Chaves, Eddy, Grant, Hidalgo, Lincoln (only White Sands Missile Range portion), Luna, Sierra, and Socorro (only White Sands Missile Range portion) Counties
Texas: Culberson and Hudspeth Counties

HOUSTON-GALVESTON-TEXAS CITY (133)
Survey area
Texas: Brazoria, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties
Area of application. Survey area plus:
Texas: Angelina, Austin, Chambers, Colorado, Grimes, Hardin, Houston, Jackson, Jasper, Jefferson, Lavaca, Madison, Matagorda, Nacogdoches, Newton, Orange,
Polk, Sabine, San Augustine, San Jacinto, Shelby, Trinity, Tyler, Walker, Washington, and Wharton Counties

SAN ANTONIO (135)

Survey area
Texas: Bexar, Comal, and Guadalupe Counties

Area of application. Survey area plus:

TEXARKANA (136)

Survey Area
Arkansas: Little River and Miller Counties
Texas: Bowie County

Area of application. Survey area plus:
Arkansas: Columbia, Hempstead, Howard, Lafayette, Nevada, and Sevier Counties
Texas: Camp, Cass, Franklin, Marion, Morris, Red River, and Titus Counties

WACO (137)

Survey area
Texas: Bell, Coryell, and McLennan Counties

Area of application. Survey area plus:
Texas: Anderson, Bosque, Brazos, Burleson, Falls, Freestone, Hamilton, Hill, Lampasas, Leon, Limestone, Mills, and Robertson Counties

WESTERN TEXAS (127)

Survey area
Texas: Callahan, Ector, Howard, Jones, Lubbock, Midland, Nolan, Taylor, and Tom Green Counties

Area of application. Survey area plus:
New Mexico: Lea County
Oklahoma: Beaver, Cimarron, and Texas Counties
WICHITA FALLS, TEXAS-SOUTHWESTERN OKLAHOMA (138)

Survey area
- Oklahoma: Comanche, Cotton, Stephens, and Tillman Counties
- Texas: Archer, Clay, and Wichita Counties

Area of application. Survey area plus:
- Oklahoma: Greer, Harmon, Jackson, Jefferson, and Kiowa Counties
- Texas: Baylor, Foard, Hardeman, Knox, Wilbarger, and Young Counties

UTAH

UTAH (139)

Survey area
- Utah: Box Elder, Davis, Salt Lake, Tooele, Utah, and Weber Counties

Area of application. Survey area plus:
- Colorado: Mesa and Moffat Counties
- Idaho: Franklin County
- Utah: Beaver, Cache, Carbon, Daggett, Duchesne, Emery, Garfield, Grand, Iron, Juab, Millard, Morgan, Piute, Rich, San Juan (only includes the Canyonlands National Park portion), Sanpete, Sevier, Summit, Uintah, Wasatch, Washington, and Wayne Counties

VIRGINIA

NORFOLK-PORTSMOUTH-NEWPORT NEWS-HAMPTON (140)

Survey area
- North Carolina: Currituck County
- Virginia: Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg Cities and Gloucester, James City, and York Counties

Area of application. Survey area plus:
- Maryland: Assateague Island part of Worcester
- North Carolina: Camden, Chowan, Gates, Pasquotank, and Perquimans Counties
- Virginia: Franklin City and Accomack, Isle of Wight, Mathews, Northampton, Southampton, and Surry Counties

RICHMOND (141)

Survey area
- Virginia: Colonial Heights, Hopewell, Petersburg, and Richmond Cities and Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George Counties

Area of application. Survey area plus:
- Virginia: Charlottesville and Emporia Cities and Albermarle, Amelia, Brunswick, Buckingham, Caroline, Charlotte, Cumberland, Essex, Fluvanna, Greensville, King and Queen, King William, Lancaster, Louisa, Lunenberg, Mecklenburg, Middlesex, Northumberland, Nottoway, Orange, Prince Edward, Richmond, Sussex, and Westmoreland Counties
ROANOKE (142)

Survey area

Virginia: Radford, Roanoke, and Salem Cities and Botetourt, Craig, Montgomery, and Roanoke Counties

Area of application. Survey area plus:

Virginia: Bedford, Buena Vista, Clifton Forge, Covington, Danville, Galax, Lexington, Lynchburg, Martinsville, South Boston, Staunton, and Waynesboro Cities and Alleghany, Amherst, Appomattox, Augusta, Bath, Bedford, Bland, Campbell, Carroll, Floyd, Franklin, Giles, Halifax, Henry, Highland, Nelson, Patrick, Pittsylvania, Pulaski, Rockbridge, and Wythe Counties

WASHINGTON

SEATTLE-EVERETT-TACOMA (143)

Survey area

Washington: King, Kitsap, Pierce, and Snohomish Counties

Area of application. Survey area plus:

Washington: Chelan (North Cascades National Park section only), Clallam, Grays Harbor, Island, Jefferson, Lewis, Mason, San Juan, Skagit, Thurston, and Whatcom Counties

SOUTHEASTERN WASHINGTON-EASTERN OREGON (144)

Survey area

Oregon: Umatilla County
Washington: Benton, Franklin, Walla Walla, and Yakima Counties

Area of application. Survey area plus:

Oregon: Baker, Grant, Harney, Malheur, Morrow, Union, Wallowa, and Wheeler Counties
Washington: Kittitas (only includes the Yakima Firing Range portion) County

SPOKANE (145)

Survey area

Washington: Spokane County

Area of application. Survey area plus:

Idaho: Benewah, Bonner, Boundary, Clearwater, Idaho, Kootenai, Latah, Lewis, Nez Perce, and Shoshone Counties
Washington: Adams, Asotin, Chelan (does not include the North Cascades National Park portion), Columbia, Douglas, Ferry, Garfield, Grant, Kittitas (does not include the Yakima Firing Range portion), Lincoln, Okanogan, Pend Oreille, Stevens, and Whitman Counties

WEST VIRGINIA

WEST VIRGINIA (146)

Survey area

Kentucky: Boyd and Greenup Counties
Ohio: Lawrence County
West Virginia: Cabell, Harrison, Kanawha, Marion, Monongalia, Putnam, and Wayne Counties

Area of application. Survey area plus:
Kentucky: Carter, Elliott, Floyd, Johnson, Lawrence, Lewis, Magoffin, Martin, and Pike Counties
Ohio: Athens, Gallia, Jackson, Meigs, Monroe, Morgan, Noble, Pike, Scioto, Vinton, and Washington Counties
Virginia: Norton City and Dickenson and Wise Counties

WISCONSIN

MADISON (147)
Survey area
Wisconsin: Dane County

Area of application. Survey area plus:
Wisconsin: Adams, Columbia, Dodge, Grant, Green, Green Lake, Iowa, Jefferson, Lafayette, Marquette, Rock, Sauk, and Waushara Counties

MILWAUKEE (148)
Survey area
Wisconsin: Milwaukee, Ozaukee, Washington, and Waukesha Counties

Area of application. Survey area plus:
Wisconsin: Brown, Calumet, Door, Fond du Lac, Kewaunee, Manitowoc, Oconto, Outagamie, Racine, Sheboygan, Walworth, and Winnebago Counties

SOUTHWESTERN WISCONSIN (149)
Survey area
Wisconsin: Chippewa, Eau Claire, La Crosse, Monroe, and Trempealeau Counties

Area of application. Survey area plus:
Minnesota: Fillmore, Houston, and Winona Counties
Wisconsin: Barron, Buffalo, Clark, Crawford, Dunn, Florence, Forest, Jackson, Juneau, Langlade, Lincoln, Marathon, Marinette, Menominee, Oneida, Pepin, Portage, Price, Richland, Rusk, Shawano, Taylor, Vernon, Vilas, Waupaca, and Wood Counties

WYOMING

WYOMING (150)
Survey area
South Dakota: Pennington County
Wyoming: Albany, Laramie, and Natrona Counties

*Area of application. Survey area plus:*

Nebraska: Banner, Box Butte, Cheyenne, Dawes, Deuel, Garden, Kimball, Morrill, Scotts Bluff, Sheridan, and Sioux Counties

South Dakota: Butte, Custer, Fall River, Harding, Jackson, Lawrence, Meade, Perkins, and Shannon Counties

Wyoming: Campbell, Carbon, Converse, Crook, Fremont, Goshen, Hot Springs, Johnson, Lincoln, Niobrara, Platte, Sheridan, Sublette, Sweetwater, Uinta, Washakie, and Weston Counties