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 (does not include the Fort Chaffee portion), 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.

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, San Benito, 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.
Colorado: Alamosa, Archuleta, Baca, Bent, Chaffee, Cheyenne, Conejos, Costilla, Crowley, Custer, Delta, Fremont, Gunnison (does not include 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.

DELWARE

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
Virginia: Clarke, Culpeper, Fauquier, King George, Madison, Rappahannock, 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: Camden and Charlton 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, De Kalb, 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 City-County

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, Brantley, Bulloch, Candler, Evans, Glynn, Jeff Davis, Long, McIntosh, Pierce, 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 (includes the islands of Kauai and Niihau), and Maui (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:
Illinois: Christian, Clark, Coles, Crawford, Cumberland, De Witt, Douglas, Edgar,
Ford, Jasper, Logan, McLean, Macon, Moultrie, Piatt, and Shelby Counties

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, DeKalb, Grant, Huntington, and Wells Counties
Area of application. Survey area plus:
Ohio: Allen, Defiance, 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:
  Iowa: Allamakee, Bremer, Buchanan, Butler, Cedar, Chickasaw, Clayton, Davis,
        Delaware, Fayette, Floyd, Grundy, Henry, Howard, Iowa, Jefferson, Jones, Keokuk,
        Mitchell, Tama, Van Buren, Wapello, Washington, and Winneshiek Counties

DAVENPORT-ROCK ISLAND-MOLINE (053)
  Survey area
    Illinois: Henry and Rock Island Counties
    Iowa: Scott County
  Area of application. Survey area plus:
    Illinois: Adams, Brown, Bureau, Carroll, Cass, Fulton, Hancock, Henderson,
              Jo Daviess, Knox, McDonough, Marshall, Mason, Mercer, Peoria, Putnam,
              Schuyler, Stark, Tazewell, Warren, Whiteside, and Woodford Counties
    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,
            Kearny, Kingman, Kiowa, Labette, Lane, Lincoln, Logan, McPherson, Marion,
            Meade, Mitchell, Montgomery, Morton, Neosho, Ness, Norton, Osborne, Pawnee,
            Phillips, Pratt, Rawlins, Reno, Rice, Rooks, Rush, Russell, Scott, Seward, Sheridan,
            Sherman, Smith, Stafford, Stanton, Stevens, Sumner, Thomas, Trego, Wallace,
            Wichita, Wilson, and Woodson Counties
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

MARYLAND

Baltimore (066)
Survey area
Maryland: Baltimore City
Maryland: 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: Frederick, Page, 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**

**Hampshire County**
Easthampton, Granby, Hadley, Northampton, and South Hadley

**Worcester County**
Warren and West Warren
Area of application. Survey area plus:
Connecticut: Windham County
Massachusetts: Berkshire, Franklin, and Worcester (except Blackstone and Millville) Counties
The following cities and towns 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: Fulton, Lucas, Ottawa, and Wood Counties

NORTHWESTERN MICHIGAN (071)
  Survey area
    Michigan: Delta, Dickinson, and Marquette Counties
  Area of application. Survey area plus:

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, Fillmore, 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, 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, Covington, 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

**ST. LOUIS (081)**

**Survey area**

Illinois: Clinton, Madison, Monroe, and St. Clair Counties
Missouri: St. Louis City
Missouri: 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, Montogomery, 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:
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 (only includes the Devils Postpile National Monument portion), and Mono (does not cover locations where the Bridgeport, CA, special schedule applies) Counties
Nevada: Carson City

NEW HAMPSHIRE

PORTSMOUTH (087)

Survey area
Maine: Androscoggin, Cumberland, Sagadahoc, and York Counties
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:
Maine: Franklin and Oxford Counties
New Hampshire: Coos County
The following cities and 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, Delaware, Fulton, Greene, Schoharie, Ulster, 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

NEW YORK (094)
Survey area
New Jersey: Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union Counties
New York: Bronx, Burlington (only includes the Joint Base McGuire-Dix-Lakehurst portion), Kings, Nassau, New York, Orange, Queens, Suffolk, and Westchester Counties
Area of application. Survey area plus:
New Jersey: Hunterdon, Monmouth, Ocean, and Sussex Counties
New York: Dutchess, Putnam, Richmond, and Rockland Counties
Pennsylvania: Pike County

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: Alexander, Avery, Burke, Caldwell, Catawba, 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: Anson, Cleveland, Iredell, Lincoln, Stanly, and Wilkes Counties
South Carolina: Chester, 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, Switzerland, and Union 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, 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 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, Franklin (only includes the Fort Chaffee portion), 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, Northumberland, Perry, Schuylkill, Snyder, and Union Counties

PHILADELPHIA (115)

Survey area
New Jersey: Burlington (does not include the Joint Base McGuire-Dix-Lakehurst portion), 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, 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:
New York: Sullivan County
Pennsylvania: Bradford, Columbia, Lycoming (does not include the Allenwood Federal Prison Camp portion), Montour, 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, Slatersville, 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, 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
Virginia: 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 (only includes the Holly Springs National Forest portion), 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
  Kentucky: Adair, Allen, Ballard, Barren, Butler, Caldwell, Calloway, Carlisle, Clinton, Cumberland, Edmonson, Fulton, Graves, Hickman, Hopkins, Logan, Lyon, McCracken, Marshall, Metcalfe, Monroe, Muhlenberg, Russell, Simpson, Todd, Trigg, and Warren 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 includes the White Sands Missile Range portion), Luna, Sierra, and Socorro (only includes the 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:
Counties

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
Texas: Andrews, Armstrong, Bailey, Borden, Brewster, Briscoe, Brown, Carson,
Castro, Childress, Cochran, Coke, Coleman, Collingsworth, Comanche, Concho,
Cottle, Crane, Crockett, Crosby, Dallam, Dawson, Deaf Smith, Dickens, Donley,
Eastland, Fisher, Floyd, Gaines, Garza, Glasscock, Gray, Hale, Hall, Hansford,
Hartley, Haskell, Hemphill, Hockley, Hutchinson, Irion, Jeff Davis, Kent, Kimble,
King, Lamb, Lipscomb, Loving, Lynn, McCulloch, Martin, Menard, Mitchell,
Moore, Motley, Ochiltree, Oldham, Parmer, Pecos, Potter, Presidio, Randall,
Reagan, Reeves, Roberts, Runnels, Schleicher, Scurry, Shackelford, Sherman,
Stephens, Sterling, Stonewall, Sutton, Swisher, Terrell, Terry, Throckmorton,
Upton, Ward, Wheeler, Winkler, and Yoakum 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
Virginia: 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
Virginia: Accomack, Isle of Wight, Mathews, Northampton, Southampton, and Surry Counties

RICHMOND (141)

Survey area
Virginia: Colonial Heights, Hopewell, Petersburg, and Richmond Cities
Virginia: 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
Virginia: Albemarle, Amelia, Brunswick, Buckingham, Caroline, Charlotte, Cumberland, Essex, Fluvanna, Greene, Greensville, King and Queen, King William, Lancaster, Louisa, Lunenburg, Mecklenburg, Middlesex, Nelson, Northumberland, Nottoway, Orange, Prince Edward, Richmond, Sussex, and Westmoreland Counties

ROANOKE (142)

Survey area
Virginia: Radford, Roanoke, and Salem Cities
Virginia: 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
Virginia: Alleghany, Amherst, Appomattox, Augusta, Bath, Bedford, Bland, Campbell, Carroll, Floyd, Franklin, Giles, Halifax, Henry, Highland, 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 (only includes the North Cascades National Park section), 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: Columbia and Kittitas (only includes the Yakima Firing Range portion) Counties

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), 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
Virginia: 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: 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