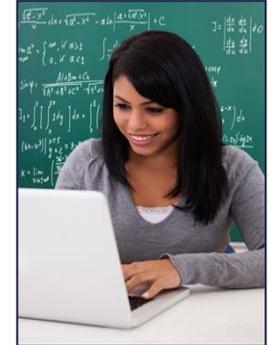




**Broadband
Program Office**



New NY Broadband Program

Mapping Primer

Identify and Map Eligible Census Blocks

New NY Broadband Program Resources

Mapping Files

List A: **Unserviced** Final Census Block List - 9.14.16

- [.xls format](#)
- [.shp format](#)
- [.kmz format](#)

List B: **Underserved** Final Census Block List - 9.14.16

- [.xls format](#)
- [.shp format](#)
- [.kmz format](#)

List C: **Additional Service Area** Final Census Block List - 9.14.16

- [.xls format](#)
- [.shp format](#)
- [.kmz format](#)

CAF List: **CAF** Final Census Block List - 9.14.16

- [.xls format](#)
- [.shp format](#)
- [.kmz format](#)

To access the Lists of Census Blocks, visit the “Phase 2” page of the New NY Broadband Program website:

www.nysbroadband.ny.gov/new-ny-broadband-program/phase-2

Filtering The Lists of Census Blocks

The screenshot shows an Excel spreadsheet with the following data columns: US_CensusBlockID, Full Block or Partial, HousingUnits, Total Units, CountyName, REDC_Region, and G. The spreadsheet is filtered to show census blocks with US_CensusBlockID starting with 360110401005007. A red box highlights the first row of the filtered data, which is row 2 of the spreadsheet.

	US_CensusBlockID	Full Block or Partial	HousingUnits	Total Units	CountyName	REDC_Region	G
2	360110401005007	Full	1	1	Cayuga	Central NY Region	
3	360430115012027	Full	8	8	Herkimer	Mohawk Valley Region	
4	360419505001144	Full	9	9	Hamilton	North Country Region	
5	360419505001173	Full	11	12	Hamilton	North Country Region	
6	360419504002109	Full	1	1	Hamilton	North Country Region	
7	360419505001232	Full	1	1	Hamilton	North Country Region	
8	360419503002078	Full	3	3	Hamilton	North Country Region	
9	360359705001033	Full	10	10	Fulton	Mohawk Valley Region	
10	360430114002056	Full	12	16	Herkimer	Mohawk Valley Region	
11	360499505002052	Full	3	3	Lewis	North Country Region	
12	360419501001169	Full	8	8	Hamilton	North Country Region	
13	360359705002001	Full	3	3	Fulton	Mohawk Valley Region	
14	360419505001242	Full	3	3	Hamilton	North Country Region	
15	360430114002011	Full	1	3	Herkimer	Mohawk Valley Region	
16	360419503002072	Full	12	12	Hamilton	North Country Region	
17	360419505001253	Full	1	1	Hamilton	North Country Region	
18	360390802013004	Full	18	20	Greene	Capital Region	
19	360430115012109	Full	3	3	Herkimer	Mohawk Valley Region	
20	360450625002007	Full	14	14	Jefferson	North Country Region	
21	360359705001053	Full	1	1	Fulton	Mohawk Valley Region	
22	360390802013024	Full	4	4	Greene	Capital Region	
23	360390805024033	Full	1	1	Greene	Capital Region	
24	360450602001023	Full	5	5	Jefferson	North Country Region	
25	360419501001175	Full	6	6	Hamilton	North Country Region	
26	360039504002045	Full	3	3	Allegany	Western NY Region	
27	360099603002083	Full	2	2	Cattaraugus	Western NY Region	
28	360010148031125	Full	2	2	Albany	Capital Region	
29	360099604004077	Full	19	19	Cattaraugus	Western NY Region	
30	360110403002056	Full	6	6	Cayuga	Central NY Region	

Step 1: Open the Excel version of either the Unserved, Underserved, or Additional Service Area Census Blocks

Filtering The Lists of Census Blocks

The screenshot shows an Excel spreadsheet with a table of census blocks. The columns are: US_CensusBlockID, Full Block or Partial, HousingUnits, Total Units, CountyName, and REDC_Region. The 'CountyName' column has a dropdown menu open, showing sorting options (Sort A to Z, Sort Z to A, Sort by Color, Clear Filter From "CountyName", Filter by Color, Text Filters) and a list of counties with checkboxes. The 'Filter Box' is highlighted in red in the lower right of the menu. A text box explains Step 2: Select the Filter you would like to use by clicking the Filter Box in the lower right of the Header.

US_CensusBlockID	Full Block or Partial	HousingUnits	Total Units	CountyName	REDC_Region
360110401005007	Full				Central NY Region
360430115012027	Full				Mohawk Valley Region
360419505001144	Full				North Country Region
360419505001173	Full				North Country Region
360419504002109	Full				North Country Region
360419505001232	Full				North Country Region
360419503002078	Full				North Country Region
360359705001033	Full				Mohawk Valley Region
360430114002056	Full				Mohawk Valley Region
360499505002052	Full				North Country Region
360419501001169	Full				North Country Region
360359705002001	Full				Mohawk Valley Region
360419505001242	Full				North Country Region
360430114002011	Full				Mohawk Valley Region
360419503002072	Full				North Country Region
360419505001253	Full				North Country Region
360390802013004	Full				Capital Region
360430115012109	Full				Mohawk Valley Region
360450625002007	Full				North Country Region
360359705001053	Full				Mohawk Valley Region
360390802013024	Full				Capital Region
360390805024033	Full				Capital Region
360450602001023	Full				North Country Region
360419501001175	Full				North Country Region
360039504002045	Full				Western NY Region
360099603002083	Full				Western NY Region
360010148031125	Full				Capital Region
360099601001077	Full				Western NY Region

Step 2:
Select the Filter you
would like to use by
clicking the Filter
Box in the lower
right of the Header

Filter Box

Filtering The Lists of Eligible Census Blocks

The screenshot shows an Excel spreadsheet with a table of census blocks. The table has columns for US_CensusBlockID, Full Block or Partial, HousingUnits, Total Units, CountyName, REDC_Region, and G. A filter dropdown menu is open over the 'CountyName' column, showing a list of counties with checkboxes. The '(Select All)' option is circled in red. A red box highlights the instruction: 'Step 3: Click the 'Select All' box to uncheck all entries'.

US_CensusBlockID	Full Block or Partial	HousingUnits	Total Units	CountyName	REDC_Region	G
360110401005007	Full				Central NY Region	
360430115012027	Full				Mohawk Valley Region	
360419505001144	Full				North Country Region	
360419505001173	Full				North Country Region	
360419504002109	Full				North Country Region	
360419505001232	Full				North Country Region	
360419503002078	Full				North Country Region	
360359705001033	Full				Mohawk Valley Region	
360430114002056	Full				Mohawk Valley Region	
360499505002052	Full				North Country Region	
360419501001169	Full				North Country Region	
360359705002001	Full				Mohawk Valley Region	
360419505001242	Full				North Country Region	
360430114002011	Full				Mohawk Valley Region	
360419503002072	Full				North Country Region	
360419505001253	Full				North Country Region	
360390802013004	Full				Capital Region	
360430115012109	Full				Mohawk Valley Region	
360450625002007	Full				North Country Region	
360359705001053	Full				Mohawk Valley Region	
360390802013024	Full				Capital Region	
360390805024033	Full				Capital Region	
360450602001023	Full				North Country Region	
360419501001175	Full				North Country Region	
360039504002045	Full				Western NY Region	
360099603002083	Full				Western NY Region	
360010148031125	Full				Capital Region	
360099604004077	Full				Western NY Region	

Filtering The Lists of Eligible Census Blocks

Microsoft Excel interface showing a spreadsheet with columns: US CensusBlockID, Full Block or Partial, HousingUnits, Total Units, CountyName, and REDC Region. A filter menu is open over the CountyName column, showing a list of counties with 'Cattaraugus' selected. A red box highlights the instruction: 'Step 4: Select the geographies you wish to view. Click 'OK''

US CensusBlockID	Full Block or Partial	HousingUnits	Total Units	CountyName	REDC Region
360110401005007	Full				Central NY Region
360430115012027	Full				Mohawk Valley Region
360419505001144	Full				North Country Region
360419505001173	Full				North Country Region
360419504002109	Full				North Country Region
360419505001232	Full				North Country Region
360419503002078	Full				North Country Region
360359705001033	Full				Mohawk Valley Region
360430114002056	Full				Mohawk Valley Region
360499505002052	Full				North Country Region
360419501001169	Full				North Country Region
360359705002001	Full				Mohawk Valley Region
360419505001242	Full				North Country Region
360430114002011	Full				Mohawk Valley Region
360419503002072	Full				North Country Region
360419505001253	Full				North Country Region
360390802013004	Full				Capital Region
360430115012109	Full				Mohawk Valley Region
360450625002007	Full				North Country Region
360359705001053	Full	1	1	Fulton	Mohawk Valley Region
360390802013024	Full	4	4	Greene	Capital Region
360390805024033	Full	1	1	Greene	Capital Region
360450602001023	Full	5	5	Jefferson	North Country Region
360419501001175	Full	6	6	Hamilton	North Country Region
360039504002045	Full	3	3	Allegany	Western NY Region
360099603002083	Full	2	2	Cattaraugus	Western NY Region
360010148031125	Full	2	2	Albany	Capital Region

Eligible Census Blocks in Google Earth (KMZ) Format

Google Earth is free and will allow you to Map your service area using the .KMZ files on the BPO website

Google Earth files (.kmz) on the BPO website provide the eligible Unserved and Underserved Census Blocks in map format and does NOT require GIS software.

Mapping Files

List A: **Unserved** Final Census Block List - 9.14.16

- [.xls format](#)
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- [.kmz format](#)

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- [.shp format](#)
- [.kmz format](#)

List C: **Additional Service Area** Final Census Block List - 9.14.16

- [.xls format](#)
- [.shp format](#)
- [.kmz format](#)

CAF List: **CAF** Final Census Block List - 9.14.16

- [.xls format](#)
- [.shp format](#)
- [.kmz format](#)

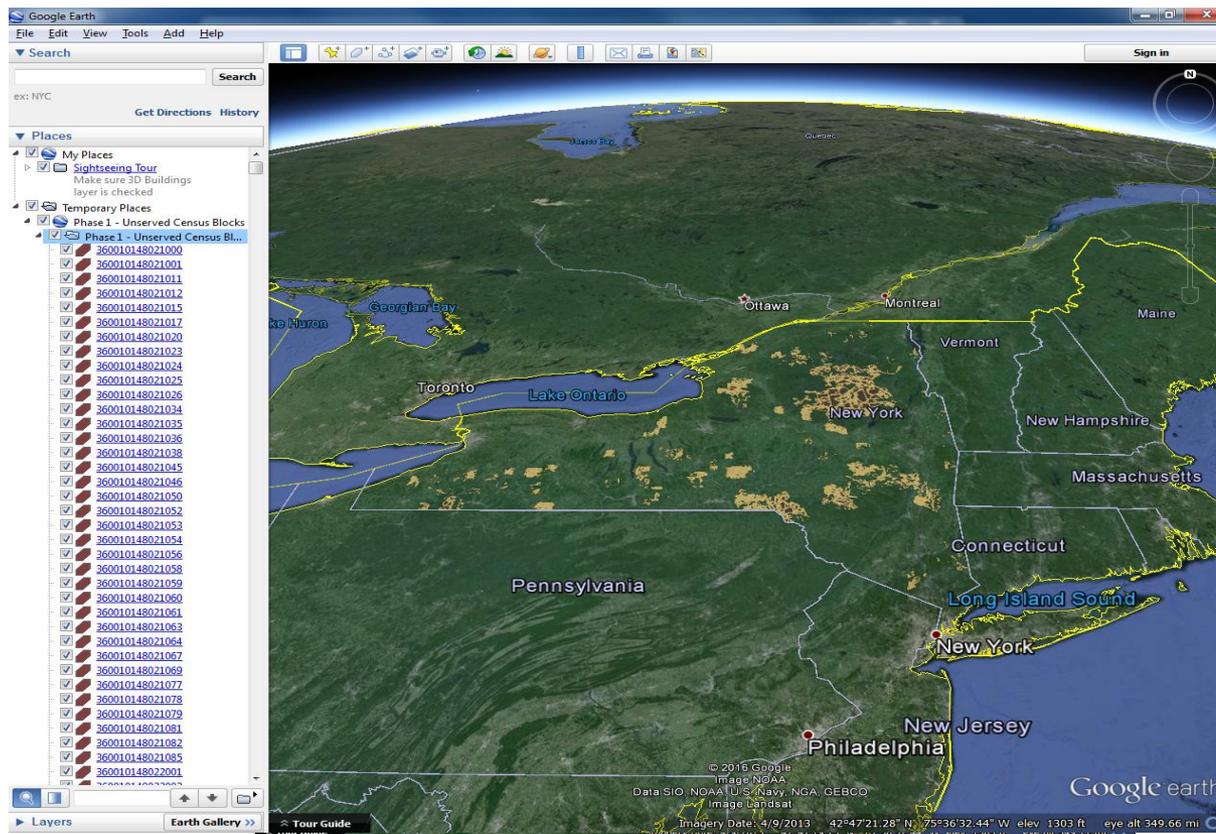


Using Google Earth to Map Your Project Area

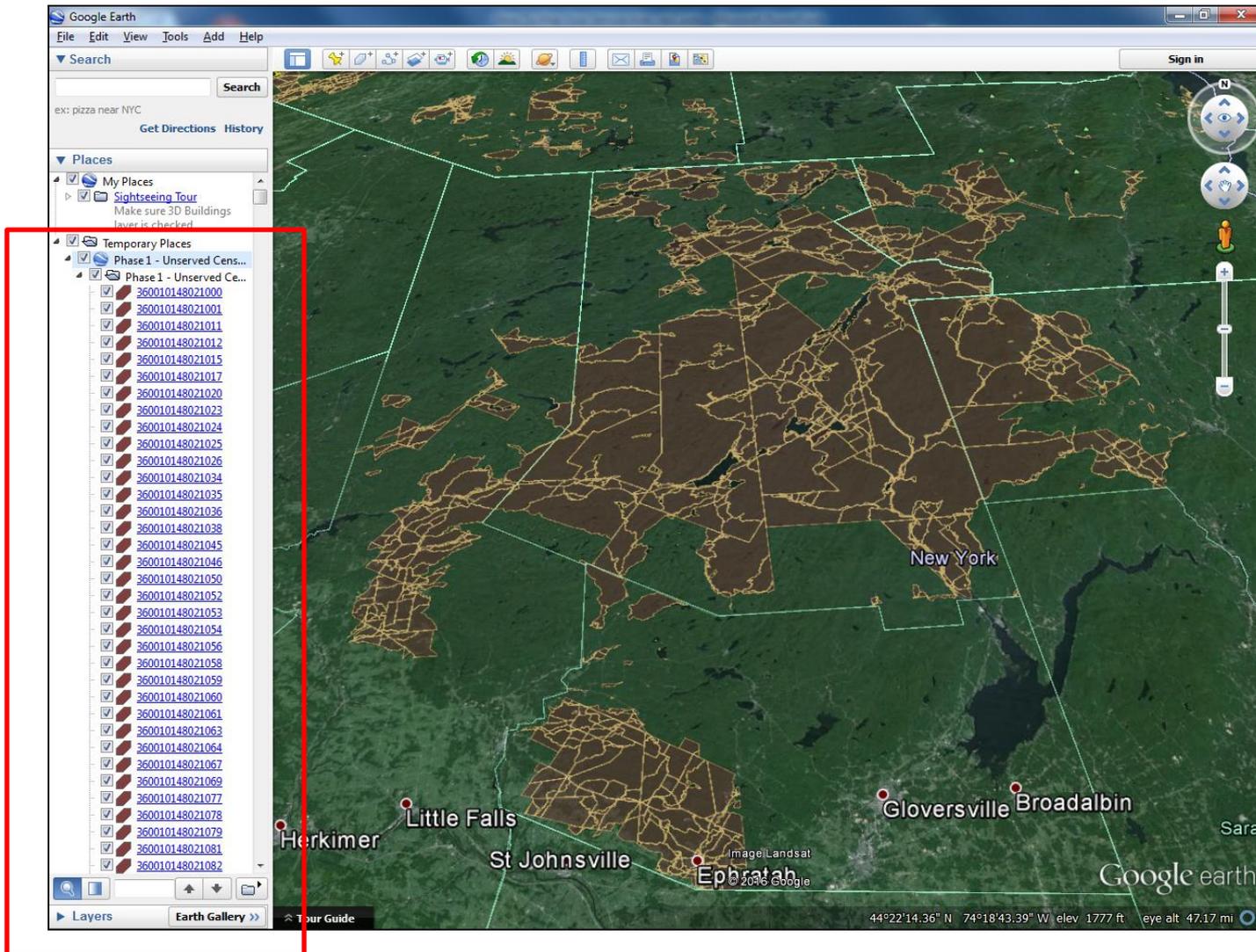
Opening Data in Google Earth

Save the Unserved and Underserved .kmz files on your computer

Double click either file to open it in Google Earth. The data may take a moment to open and display but it should look similar to this:

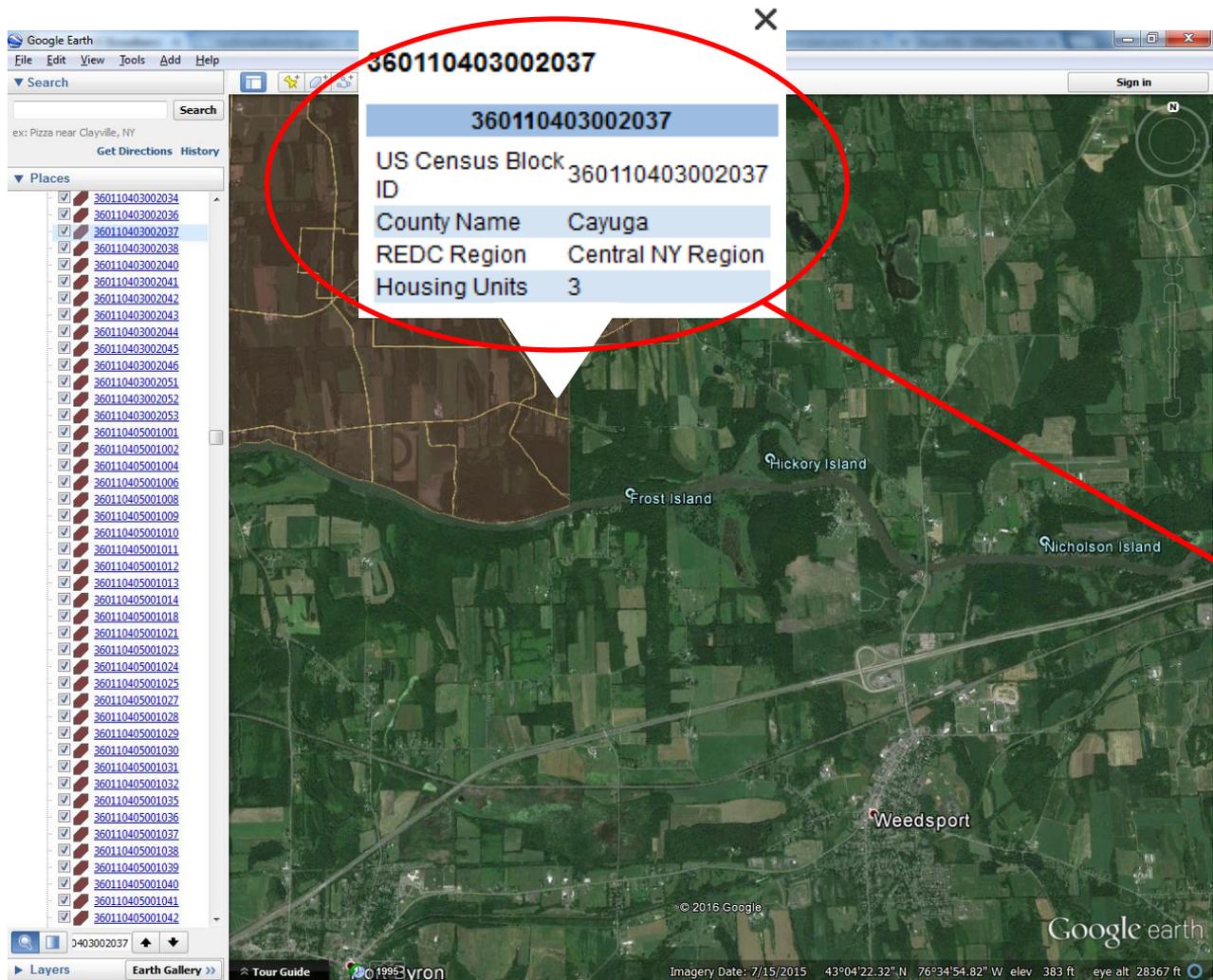


Using Google Earth to Map Your Project Area



Using Google Earth to Map Your Project Area

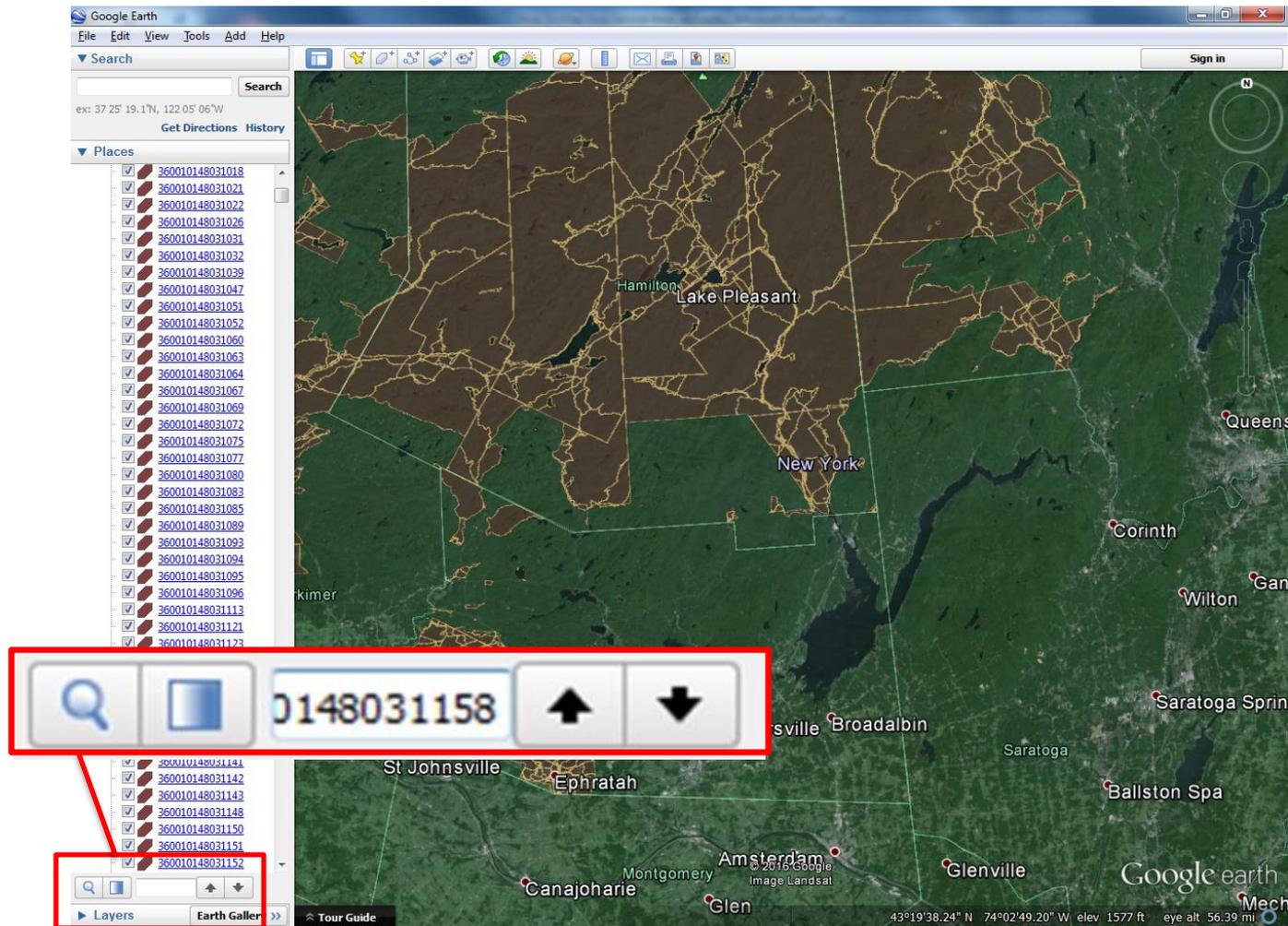
To zoom to a Census Block from the list, double click on any of the 15-digit Census Block numbers appearing in the list. An information Call Out box will appear, which includes U.S. Census Block ID, County Name, REDC Region, and Housing Units. The information Call Out box can also be opened for any Census Block by clicking on it in the map



Call out Box with Census Block detail

Using Google Earth to Map Your Project Area

Locate a particular Census Block:



Using Google Earth to Map Your Project Area

Access additional info about this particular Census Block

The screenshot shows the Google Earth interface. On the left, a 'Places' list contains numerous census block IDs, with '360010148031158' selected and highlighted in blue. A popup window is displayed over the map, providing details for the selected block:

360010148031158	
360010148031158	
US Census Block ID	360010148031158
County Name	Albany
REDC Region	Capital Region
Housing Units	7

The map shows a rural area with green fields and a road network. The popup window is titled '360010148031158' and has a close button (X) in the top right corner. The bottom status bar shows the current location: 42°33'44.38" N, 74°02'19.11" W, elevation 1426 ft, eye alt 7336 ft. The date is 7/15/2015. The bottom left shows 'Layers' and 'Earth Gallery' buttons.

Using Google Earth to Map Your Project Area

Zoom to location using address

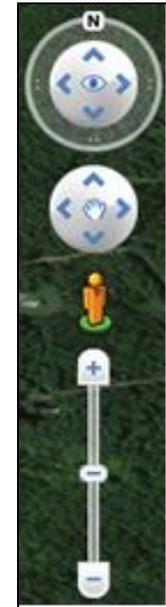
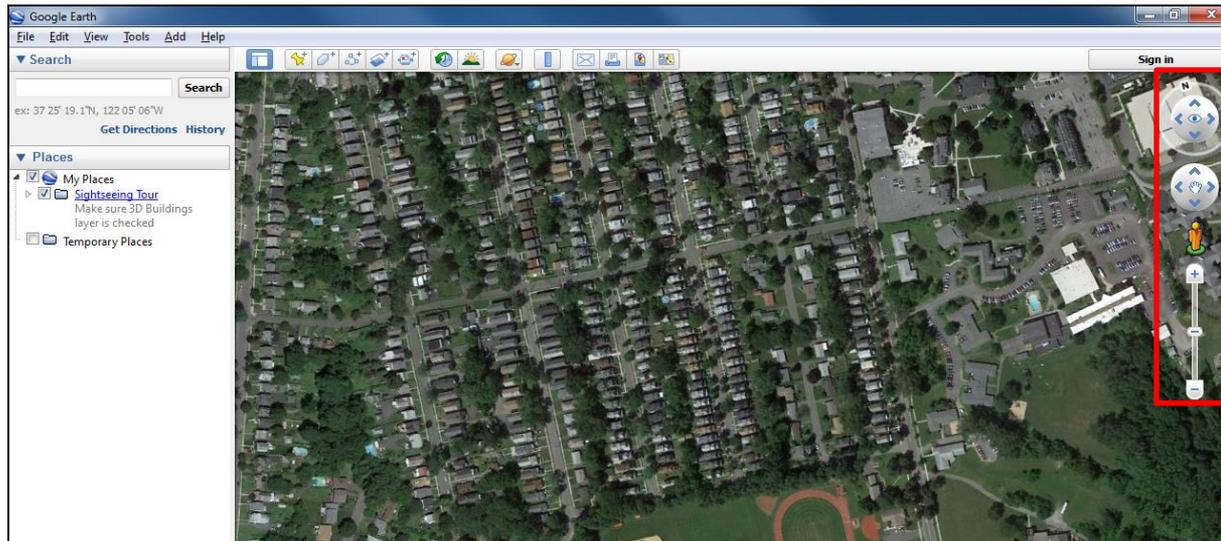
The screenshot shows the Google Earth interface. The search bar at the top left contains the address "Hall Road, Edwards, NY" and shows the coordinates "ex: 37 25.818' N, 122 05.36' W". Below the search bar, a list of places is visible, including "Phase 1 - Unserved Ce..." and a long list of parcel IDs starting with "360010148021000". A data popup window is open over a parcel, displaying the following information:

360894926002081	
<input type="button" value="Copy"/>	
360894926002081	
US Census Block ID	360894926002081
County Name	St. Lawrence
REDC Region	North Country Region
Housing Units	2

The map shows a residential area with a road labeled "Hall Rd" and a nearby area labeled "Edwards". The bottom status bar shows the imagery date as "10/11/2013" and coordinates "44°19'27.90" N 75°15'24.87" W".

Using Google Earth to Map Your Project Area

To navigate the map, use the tools provided on the right-hand side of the map display. These tools allow you to move around the map



For additional information on using Google Earth, please visit:

https://support.google.com/earth/?page=guide_toc.cs#topic=4363013



Questions or Comments?

Contact Information

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