

View Results

The “Results” Tab - (Figure 1) executes a search using the search criteria and displays the results.

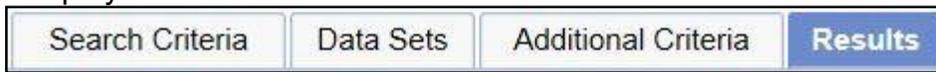


Figure 1 - Results Tab

The left side of the page displays the results panel with thumbnail and textual information for each scene returned from the search. The right side of the page displays the map interface with the identified area of interest (Figure 2).

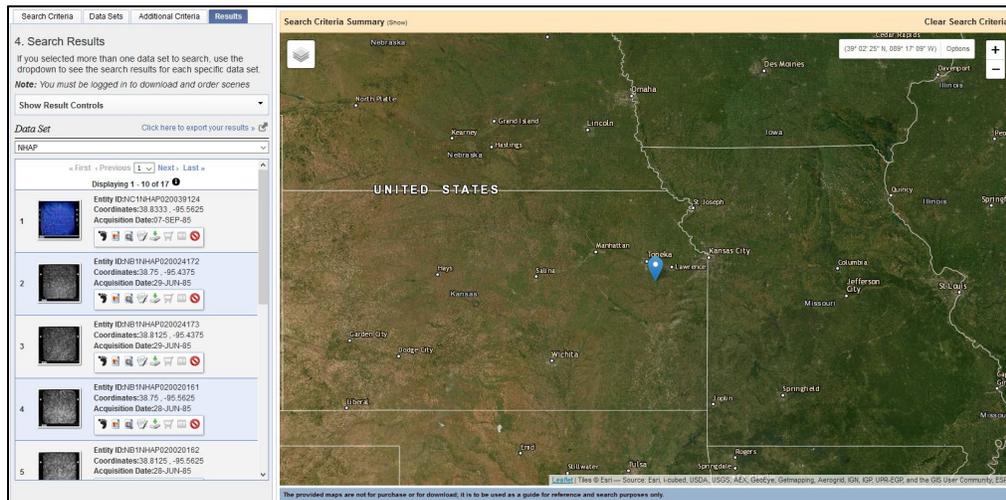


Figure 2 - Results

The Search Results panel includes the following components:

- Search Results
- Show Result Controls
- Scene level result controls
- Map Interface
- Export Metadata

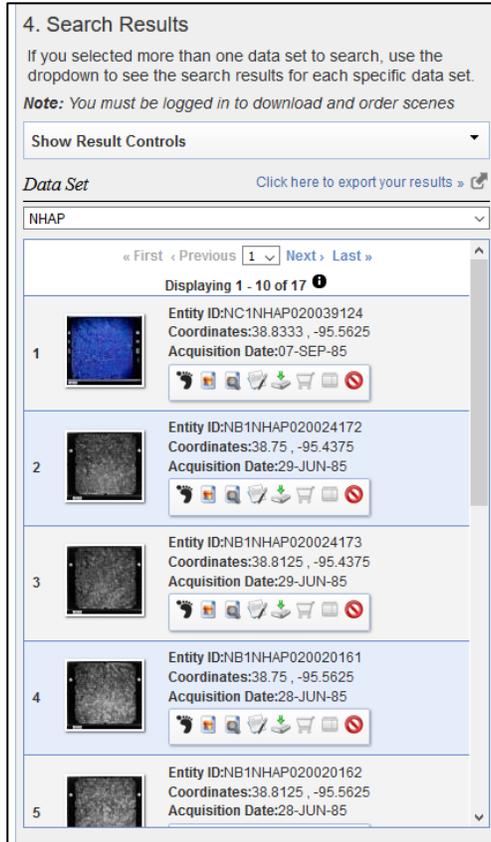


Figure 3 - Search Results

Search Results - Each search result includes a thumbnail image, attribute information on each scene, links to view browse and download, and other visualization controls (Figure 3).

EarthExplorer (EE) searches multiple data sets; (Figure 4) the results of the first data set display in the results panel.

Use the 'Data Set' selection box to select and view each additional data set.

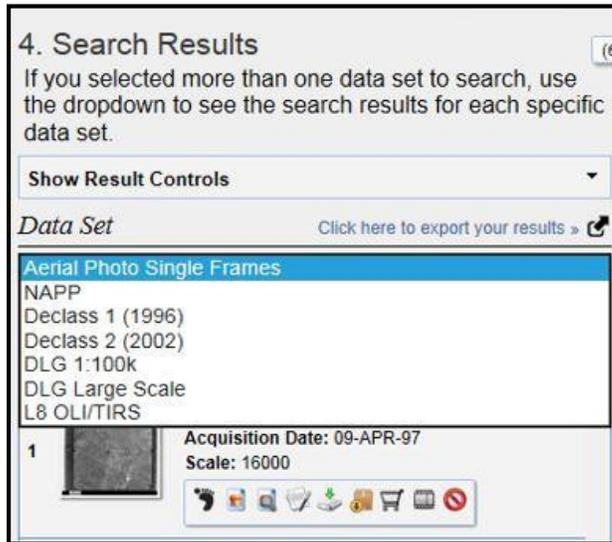


Figure 4 – Data Set

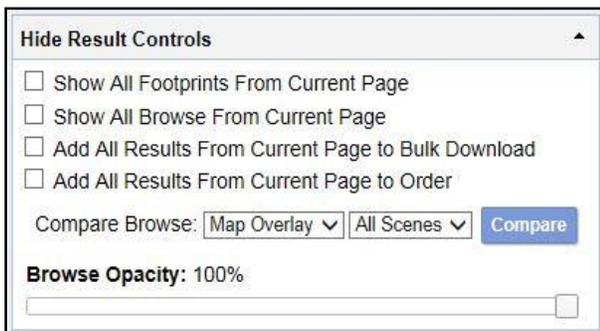


Figure 5 – Search Results Controls

Show Result Controls - Provide result control options (Figure 5).

- Show All Footprints from Current Page
- Show All Browse from Current Page
- Add All Results from Current Page to Bulk Download (Log In required)
- Add All Results from Current Page to Order (Log In required and for specific datasets)
- Compare Browse - Map Overlay All Scenes

The 'Browse Opacity' slider adjusts the opacity level of the overlay browse images. You must be logged in for all options to be displayed.

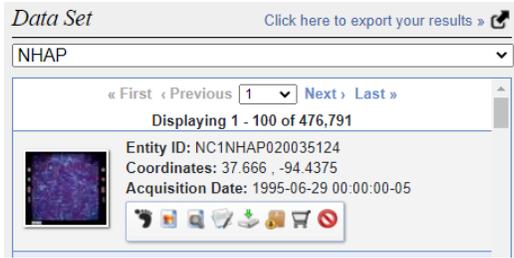


Figure 6 - Displaying Results

Displaying Results – For the selected dataset, displays the number of results per page, along with total number of search results. (Figure 6)



Figure 7 – Example Scene Results

Results - Include a thumbnail image and attribute information on each scene. Based on the data set and user profile, some controls may not be available (Figure 7).

The icon menu for scene level result controls includes the following:

-  Show Footprint
-  Show Browse Overlay
-  Compare Browse
-  Show Metadata and Browse
-  Download Options
-  Bulk Download
-  Order Scene
-  Exclude Scene

Show Footprint - Click the "Show Footprint"  icon to display the footprint of the selected scenes on the map interface (Figure 8). When you click on the footprint, a colored box appears around the footprint. The same color map appears on the map. This represents the area covered by this image. Click the highlighted icon to turn off the footprint option. Multiple footprints can be selected and displayed on the map. Each footprint displays in a different color.

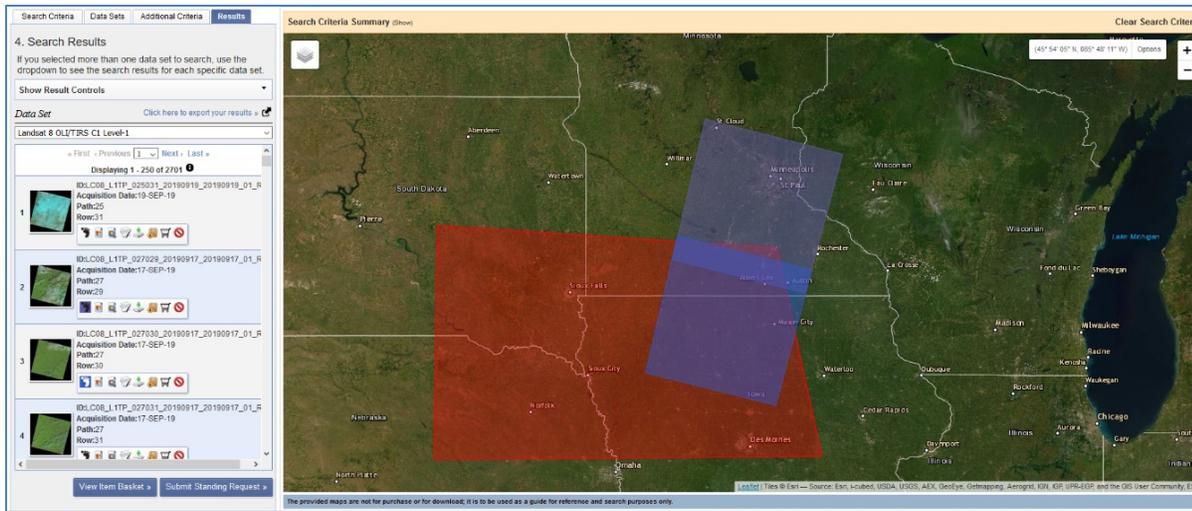


Figure 8 - Footprint Overlay

Show Browse Overlay - Click the “Show Browse Overlay”  icon to display a preview image (browse) of the scene on the map (Figure 9). When you click on the browse, a colored box appears around the browse. The same color map appears on the map. Click the highlighted icon to turn off the browse option. Multiple browse can be selected and displayed on the map.

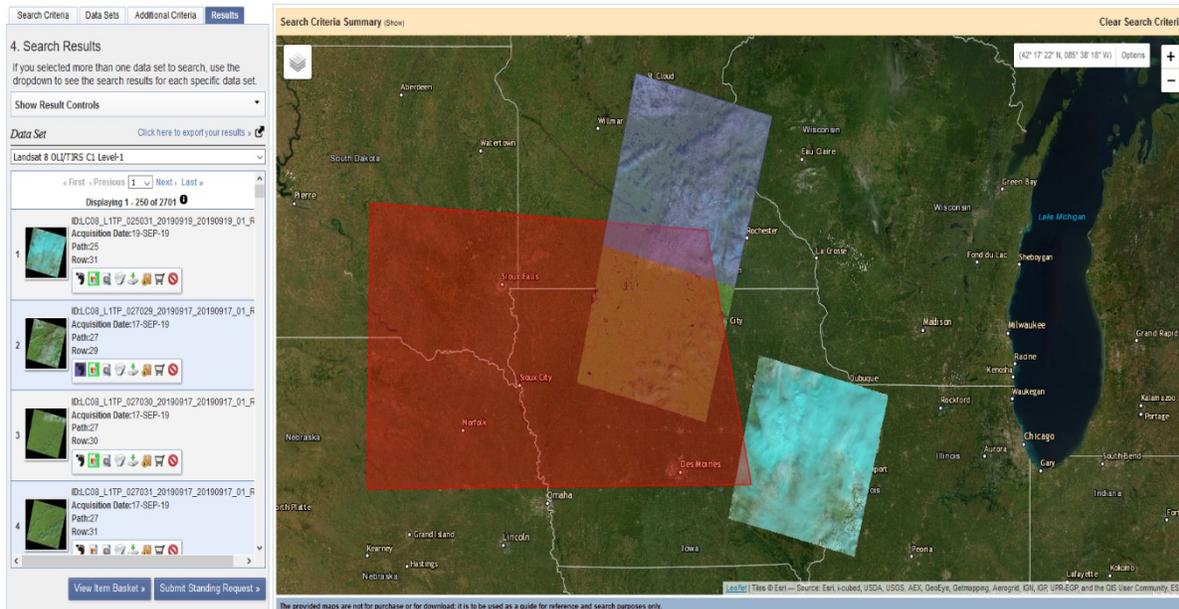


Figure 9 – Browse Overlay

Compare Browse - Click the “Compare”  icon on all images that you would like to compare. Go to “Show Result Control” and open the menu. Select “Compare”. The new list will show the selected scenes and give the option to add to the map. Select “Home” from the top tool bar to return to the full result listing.

Show Metadata and Browse - Click the thumbnail image or  icon to display the browse image and full metadata for the selected scene.

Download Options - Click the “Download Options” icon  to download the selected data. Selecting the 'Download Options' icon before registering or logging in displays the following prompt. (Figure 10)



Figure 10 – Login Prompt

Click the “Login” to log in to EarthExplorer.(EE)

After logging in, click the “Download Options” icon , a window similar to the following displays the download options for the data set (Figure 11).

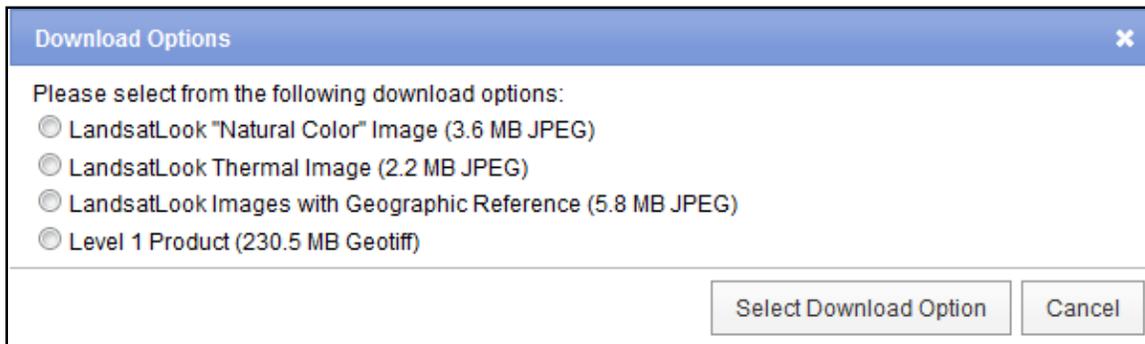


Figure 11 – Download Options

Depending on the data set, multiple download options may be available. Click “Download” to start the download process.(Figure 12)

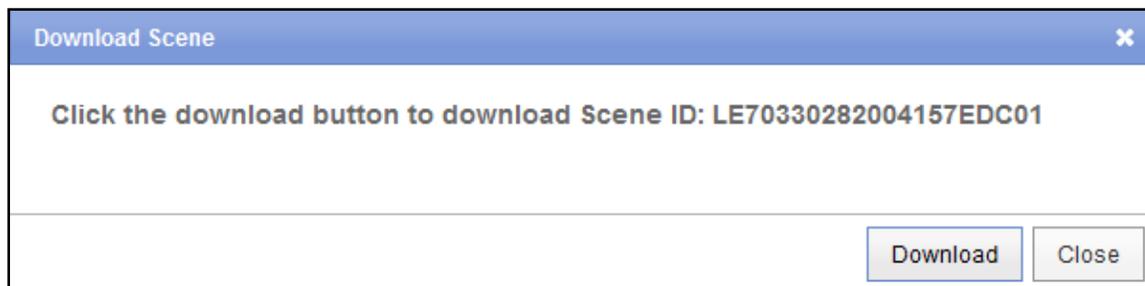
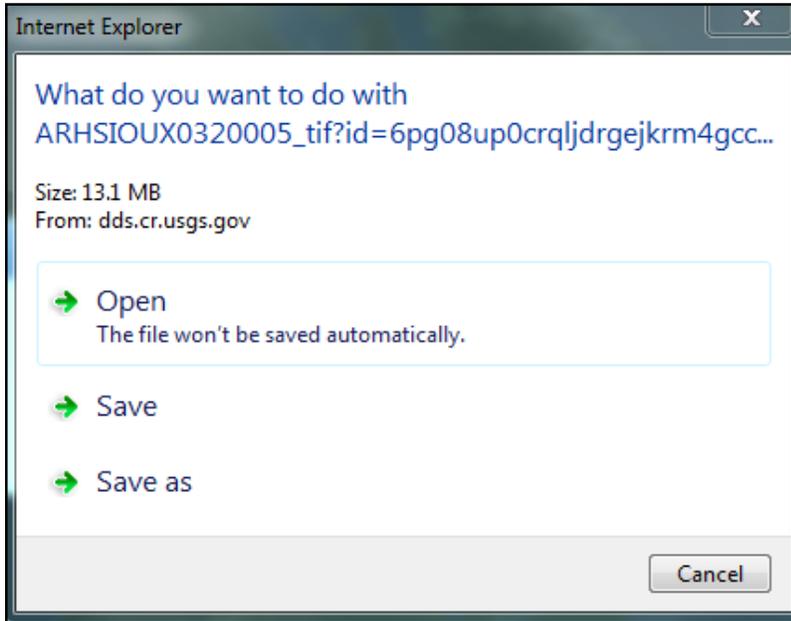


Figure 12 – Download Scene



The Browser Download box displays (Figure 13). Click “Save” to save the file to your computer.

Figure 13 - Save

Order Controls - Majority of the products available through EE for registered users are available via download. In some cases, order requests are available for selected products. Ordering products usually requires some specialized image or data processing. If a data set

has an option for ordering, the “Order Scene” icon  displays. This option allows registered users to order or request specialized processing on certain products. The 'Order Scene' icon is greyed out unless you are registered and logged in. In addition, a few products require a small fee for the cost of processing.

Click the 'Order Scene' icon to add the selected scene to the 'Item Basket'. As each scene is added to the 'Item Selection' basket on the menu bar, the number of scenes added to the basket is updated and the 'Order Scene' icon changes to green (Figure 14).

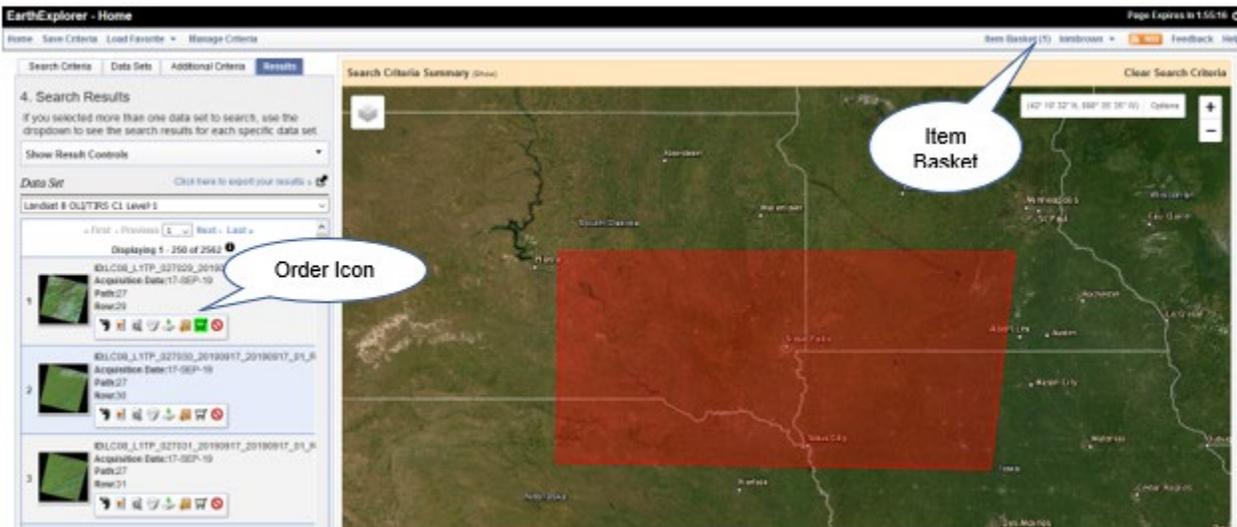


Figure 14 - Order Scene

In some cases, additional ordering parameters may be required to complete an order. To view items in the Item Basket, click 'Item Basket' in the menu bar or the 'View Item Basket' **View Item Basket >** button at the bottom of the results page.

In the following example (Figure 15), the first item is for an Aerial Photo Single Frame scanning request. There is one option for the micron size of processing parameters. The cost of scanning is \$30 per scene.

The second item is a request for a Landsat 7 Enhanced Thematic Mapper Plus (ETM+) Level 0, Scan Line Corrector (SLC) OFF On-Demand product. Processing parameters are not available for this product; this item is at no cost.

The screenshot shows an 'Order' page with a 'Clear All' link in the top right. A note states: 'Data sets may contain items with multiple product options. Expand a data set to view your list of ordered scenes including metadata and product options.' The page is divided into two main sections:

- Aerial Photo Single Frames (1)**: Includes a 'Remove All Scenes' and 'Modify Options For All Scenes' link. The item details for AR1CE000030050 are: Entity ID: AR1CE000030050, Coordinates: 42.645234, -98.435477, Acquisition Date: 30-DEC-46, Scale: 27200. Product: High Resolution Scanned 9 X 9 in. Options: 25 Micron. Output Media: DWNLD. Price: \$30.00.
- L7 ETM+ SLC-off (2003-present) Level 0 (2)**: Includes a 'Remove All Scenes' and 'Modify Options For All Scenes' link. The first item (LE70280312003199EDC02) has: Entity ID: LE70280312003199EDC02, Coordinates: 41.7572, -96.1515, Path: 28, Row: 31, Acquisition Date: 18-JUL-03. Product: L7 SLC-OFF (2003-present) Level 0. Options: None. Output Media: DWNLD. The second item (LE70330282003202EDC01) has: Entity ID: LE70330282003202EDC01, Coordinates: 46.0287, -102.388, Path: 33, Row: 28, Acquisition Date: 21-JUL-03. Product: L7 SLC-OFF (2003-present) Level 0. Options: None. Output Media: DWNLD.

At the bottom of the page are 'Save Changes' and 'Proceed To Checkout >' buttons.

Figure 15 – Item Basket

The overall cost is \$30 for the high resolution scanned product with a \$5 handling fee per order.

Click 'Submit Order' to submit the order for processing. You will receive a confirmation email. The Checkout Summary page displays, and you can print or save this summary for your records (Figure 16).

Order		
Data Set	Qty.	Price
Aerial Photo Single Frames	1	\$ 30.00
L7 ETM+ SLC-off (2003-present) Level 0	2	\$ 0.00
	Subtotal:	\$ 30.00
	Handling Fee:	\$ 5.00
	Order Total:	\$ 35.00

[Return To Item Basket](#) [Submit Order](#)

Figure 16 – Check Out Summary

View Related Scenes - Ordering Aerial Photography provides a method for downloading scenes from an entire roll of film. Select the roll icon  to 'View Related Scenes' to display the images that were acquired for the selected scenes roll (Figure 17). These results will show all frames on a roll of film, including untitled images without coordinates.

Data Set [Click here to export your results »](#)

NAPP

« First ‹ Previous 1 ‹ Next › Last »

Displaying 1 - 250 of 10000

1		Entity ID: NP0NAPP013338021 Coordinates: 33.0625 , -79.90625 Acquisition Date: 11-FEB-07 
2		Entity ID: NP0NAPP013338007 Coordinates: 32.625 , -79.90625 Acquisition Date: 11-FEB-07 
3		Entity ID: NP0NAPP013338041 Coordinates: 32.625 , -79.90625 Acquisition Date: 11-FEB-07 
4		Entity ID: NP0NAPP013338040 Coordinates: 32.65625 , -79.90625 Acquisition Date: 11-FEB-07 

Figure 17 - View Related Scenes

For each scene on the roll, you can download, add to a bulk order, or order images.

Browse and Metadata - EE displays a thumbnail image, browse, and detailed metadata information for each scene returned from a search (Figure 18).

1		Entity ID: LE70330282004157EDC01 Acquisition Date: 05-JUN-04 WRS Path: 33 WRS Row: 28 
2		Entity ID: LE70280272004234EDC02 Acquisition Date: 21-AUG-04 WRS Path: 28 WRS Row: 27 

Figure 18 - Scene Level Results

Show Browse and Metadata - On the thumbnail, mouse over to display the 'Show Browse and Metadata' (Figure 19).

1		Entity ID: LE70330282004157EDC01 Acquisition Date: 05-JUN-04 WRS Path: 33 WRS Row: 28 <div style="border: 1px solid gray; padding: 2px; display: inline-block;"> Show Browse and Metadata  </div>
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Figure 19 - Show Browse and Metadata

Show Metadata and Browse - Click the thumbnail image or the 'Show Metadata and Browse' icon to display the reduced resolution browse image and full metadata for the selected scene (Figure 20).

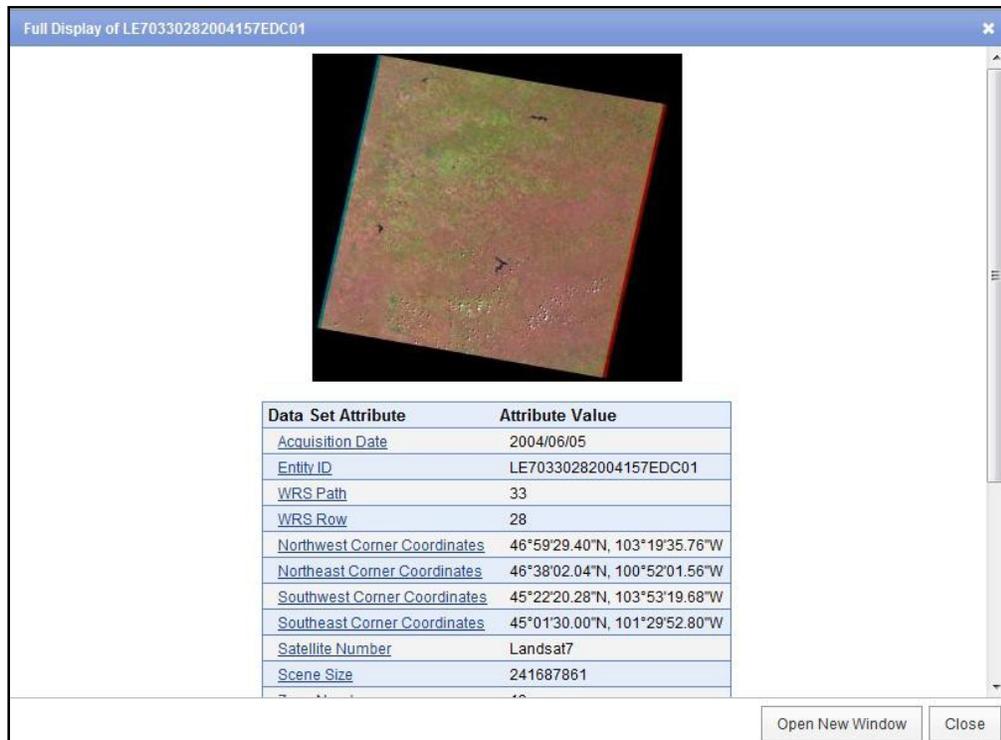


Figure 20 – Browse and Metadata View

The Browse and Metadata view includes the following:

Standard Browse - The Browse image of the selected scene displays at the top center of the lightbox display.

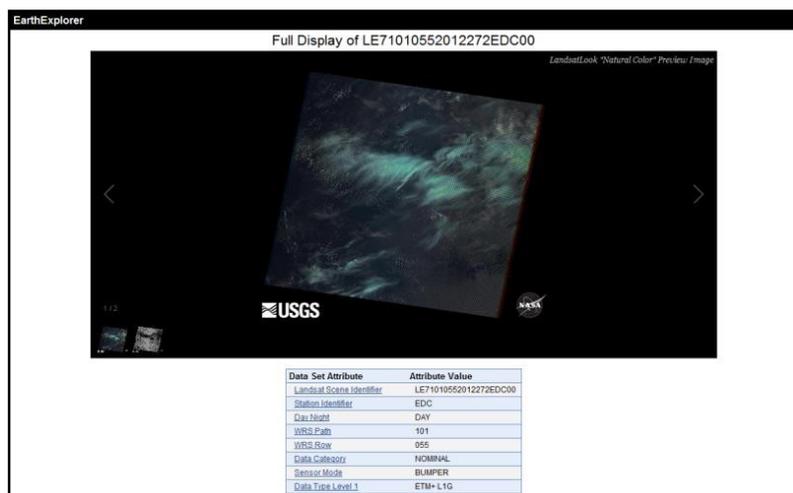


Figure 21 - Full Display

If multiple browse areas are available for the image, an image control is displayed to allow viewing multiple browse images.

Figure 21 is an example of multiple browse for an image. Each available image displays as a thumbnail in the lower left corner of the display. To switch between browses, click the arrow (<>) or click one of the thumbnails at the lower left corner for the page.

Data Set Attributes - Each data set has unique attributes describing the metadata associated with the scene. Each attribute has a hyperlink to the data dictionary to provide detailed information on that particular data set.

Open New Window - Click 'Open New Window' to display the selected browse in a separate window.

FGDC Format - Click the 'FGDC Format' button at the bottom of the Data Set Attributes screen to display the metadata in the Federal Geographic Data Committee (FGDC) format. Scroll down to the bottom of the FGDC view and Click 'Table Format' to return to the 'Browse and Metadata' view (Figure 22).



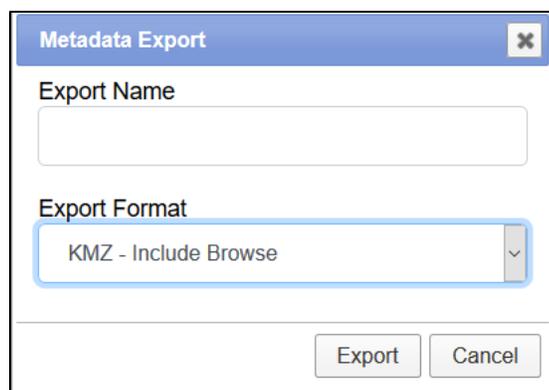
Figure 22 - FGDC Format

Export Metadata

EE provides an option to “Export Metadata” results in a number of popular formats. Select “Click here to export your results” on the results page (Figure 23).



Figure 23 - Export Metadata



Export Name – Figure 24

- Type in desired name or leave blank

Format –

- KMZ - Include Browse
- KMZ - No Browse
- Comma (,) Delimited
- Pipe (|) Delimited
- FGDC
- CSV
- Shapefile

Figure 24 – Metadata Export

- **KMZ Include Browse** - KMZ files are zipped .KML files, which make them easier to distribute and share with multiple users. Please note that exports with a large number of browse images will take longer to load in a GIS software package or mapping application.
- **KMZ No Browse** - KMZ files are zipped .KML files, which make them easier to distribute and share with multiple users.
- **Comma Delimited** - Generates a .txt file with a comma delimiter for the results from a search. The information includes the full metadata as displayed in the lightbox.
- **Pipe Delimited** - Generates a .txt file with a pipe delimiter for the results from a search. The information includes the full metadata as displayed in the lightbox.
- **FGDC** - Generates a FGDC format file in ISO 19115 format.
- **CSV** - Creates a comma-separated values (CSV) file containing the full metadata as displayed in the lightbox.
- **Shapefile** - Generates a .zip file with the returned, non-excluded results from a search. Files included in the .zip file include a .shp, .shx, .dbf, and, .prj. Shapefiles are generated using the ERSI standards.

You will receive an email with a link to download your data. This link will expire after 72 hours. If the file cannot be downloaded within this time frame, you will need to submit another export request. Please note large exports can take several minutes to load in some software packages.

Bulk download - Click the “Bulk Download” icon  to set up a bulk download order (Figure 25). The images selected will be added to the Item Basket.

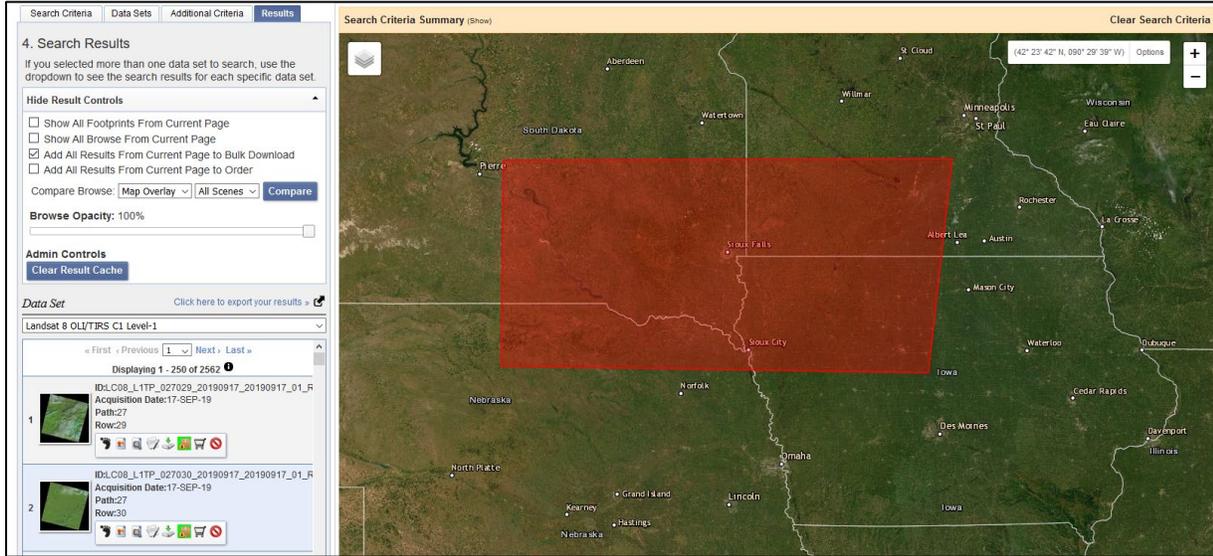


Figure 25 – Bulk Download Selected

Click the “Item Basket” on the menu bar  to display the Bulk Download Item Basket (Figure 26). To begin the download process, the Bulk Download Application (BDA) <http://earthexplorer.usgs.gov/bulk/> is required. **First time users:** please download, install and open the BDA. **Returning users:** please open the BDA installed on your system. You will be required to login using the EE username and password used to complete your bulk download request.

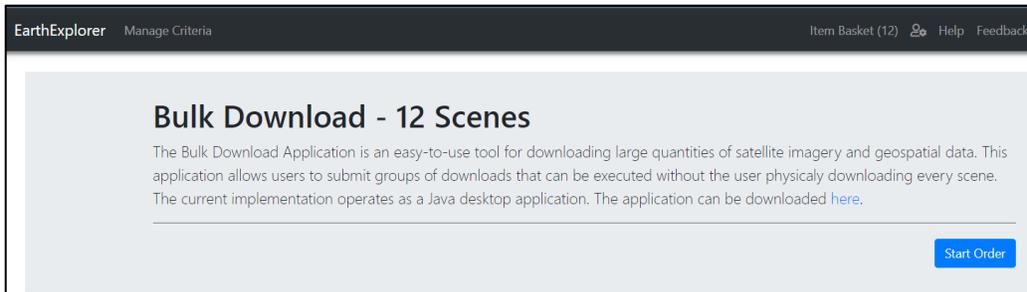


Figure 26 – Bulk Download Item Basket

Click the “Start Order”, to display the Bulk Download Item Basket (Figure 27).

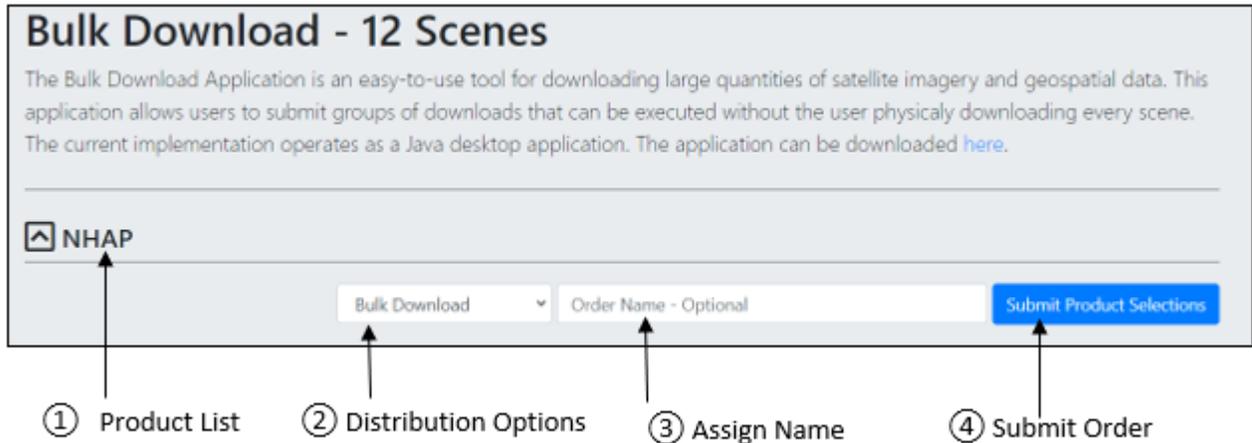


Figure 27 – Bulk Download Start Order

① **Product List** – List the products that were chosen and added to Item Basket in the user interface. Use twist tie to display list of individual items and options available. (Figure 28) Page allows options to delete an item and choose product. The order options (Figure 27) and located at the bottom of the list.

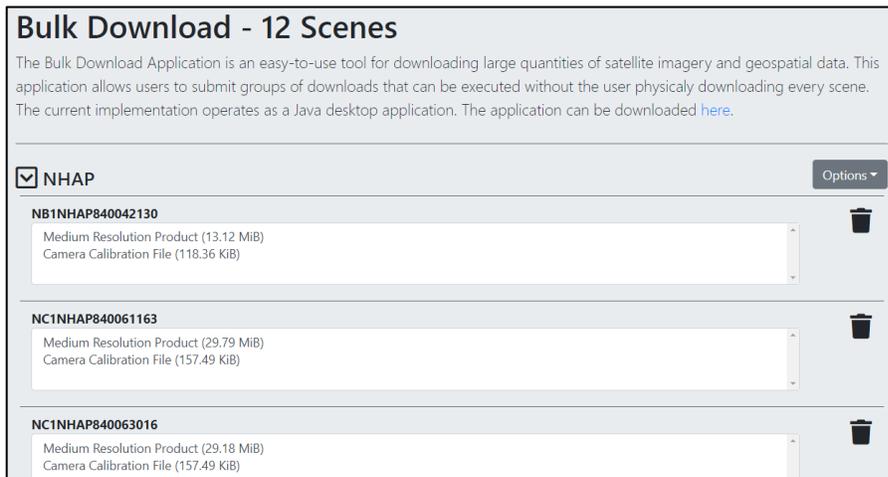


Figure 28 – Item Display List

② **Distribution Options** – Provides the option to choose between downloading electronically. Other options available depending on user role.

③ **Assign Name** – Option to assign a name to an order. If no name, then a random number will be assigned. i.e. NHAP_12_062020

④ **Submit Order** – Click to submit the order. Email will be sent with order information and download instructions.

Order can be tracked by clicking Manage Criteria on the menu. Then click Order Tracking on the left side.

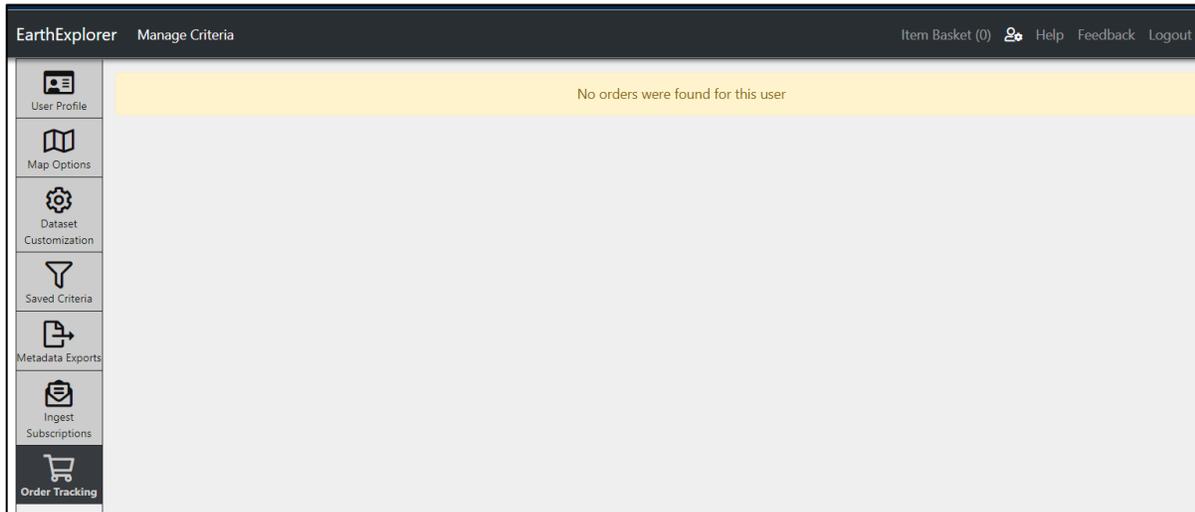


Figure 29 – Track Order

Contact Customer Service for information on receiving data on media. custserv@usgs.gov.