National Agriculture Imagery Program (NAIP) Compressed County Mosaic (CCM) Frequently Asked Questions
Produced by the Geospatial Enterprise Operations Branch of the Information Solutions Division

1. Where can I get more information on NAIP?

Please visit the NAIP GeoHub for more information on NAIP.

2. Has the file format for the NAIP CCMs changed? I am running into issues that I have not previously encountered with the data.

Please see this document for information on how the file format for NAIP CCMs has changed since 2023.

3. I noticed that the 2024 NAIP CCMs are now 5 band images. What is the spectral range for each of the bands?

Band 1: Red
Band 2: Green
Band 3: Blue
Band 4: Infrared
Band 5: Empty

4. For the analyses I'm working on, I need values from the red, green, blue, and infrared bands. Can I download imagery containing all 4 bands from the USDA FPAC Box site, or do I need to obtain the imagery elsewhere?

Collection year 2024 is the first year that all the NAIP CCMs were all provided as multispectral 4-band images. Some states were provided as multispectral 4-band images in 2023. If you cannot locate 4-band multispectral images within the NAIP CCM datasets, you may be able to purchase additional NAIP datasets containing 4-bands by contacting geo.sales@usda.gov.

5. How can I change the 4-band multispectral imagery to display color infrared (CIR)?

In ArcGIS Pro, add the CCM to the map and click on the layer in the table of contents. Click on the Raster Layer menu on the ribbon on the top of the screen, then change the band combination to Color Infrared.
There is a fact sheet with screenshots located here: https://nrcs.app.box.com/file/1795873384083

6. Why can't I find color infrared (CIR) NAIP images prior to 2018?

CIR was not available before 2018 for NAIP Compressed County Mosaics, the product that is shared via Box. You may contact geo.sales@usda.gov to see if there is CIR imagery available in a different format.

7. **How do I determine which file folder I need to download to obtain NAIP CCMs for a specific county?**

The file names include the FIPS code for the county they are associated with. There is a reference file here: https://nrcs.app.box.com/v/naip/file/1422733446196 and a FIPS code key is located here: https://transition.fcc.gov/oet/info/maps/census/fips/fips.txt

8. **How can I determine the date that the NAIP imagery was collected?**

The seamlines shapefile provides this information in the attribute table.

9. **What is the availability of the most current NAIP imagery?**

We do not have specific dates as to when the newest current year imagery will become available. Go here for more information. Compare the 'Inspection Status' map to the 'Availability Map' to see if an area of interest will be available soon.

10. **Users often need to display two or more NAIP CCMs without having "no data" areas block out areas of overlap. ArcGIS software must be used to display transparent "no data" areas. The following procedures may resolve the issue:**

Load the raster image into ArcGIS Pro. In the table of contents, right click the raster image and select *Symbology*. In the lower half of the symbology window, select the *Mask* tab. Check the box to *display background value*. This should work if the "no data" areas are black. If the "no data" areas are white, before you select the *Mask* tab, copy the "max value" that is indicated on the *Statistics* tab. Then, go to the *Mask* tab, check the box to *display background value*, and paste the "max value" into all the boxes.

11. **Why are there images missing from the NAIP county mosaic?**

All the full resolution images that make up a county may not have been available at the time the compressed county mosaic was created which results in holes in the county. Sometimes this is due to smoke from wildfires or weather. NAIP imagery is only flown once a year, so these holes will not be filled until the following collection year.

12. **How can I receive NAIP support?**

Please visit the USDA FPAC BC Geospatial Services contact us page for support options.

March 2025