



FPAC-ISD-441A
(2-19-25)

Farm Production and Conservation-Business Center
Geospatial Enterprise Operations

PRICES FOR GEOSPATIAL PRODUCTS AND SERVICES

Prices Effective February 1, 2025

Prices are subject to change. Prices listed are for items most frequently requested.

DIGITAL DATA & IMAGERY (SOFTCOPY) COMPRESSED COUNTY MOSAICS (CCM) QUARTER QUADS (QQ) GEOSPATIAL DATA HISTORICAL IMAGES & INDEXES			AERIAL PHOTOGRAPHY (SOFTCOPY) BLACK & WHITE NEGATIVE (BW) COLOR NEGATIVE (CN) COLOR & COLOR INFRARED POSITIVE (CP/CIRP)		
MEDIA (File Size Range)	QTY	PRICE	SIZE	PRODUCT	PRICE
Data Transfer Per 20 GB	1	\$10.00	10" x 10"	Image Scan**	\$13.00
Bulk Data Transfer Per TB	1	\$20.00	PHOTOGRAPHY (HARDCOPY)		
<p>>Standard data transfer is available up to 999 GB for \$10.00 per 20 GB. Maximum amount is \$130.00 for 260-999 GB.</p> <p>>Bulk data transfer available for orders over 1 TB at \$20.00 per TB.</p> <p>>Prices and availability are subject to change according to market supply and demand.</p> <p>>USDA GEO utilizes digital transfer to reduce environmental impact of natural resources.</p>			10" x 10"	Print	\$15.00
			20" x 20"	Print	\$36.00
			20" x 20"	Metallic Print***	\$50.00
			20" x 24"	Print	\$40.00
			20" x 24"	Metallic Print***	\$55.00
			24" x 24"	Print	\$44.00
			24" x 24"	Metallic Print***	\$60.00
			30" x 30"	Print	\$57.00
			30" x 30"	Metallic Print***	\$70.00
			30" x 40"	Print	\$65.00
30" x 40"	Metallic Print***	\$80.00			

PRODUCT FILE SIZES

Average QQ File Sizes: 4-Band - 30cm = 2 GB / 60cm = 485 MB / 1m = 190 MB, 3-Band - 1m = 145 MB / 2m = 45 MB
CCM 3 Band File Size Ranges: 60cm and 1m = Up to 20 GB / 2m = Up to 1.49 GB
Full State or County QQ and CCM file sizes can be determined from the [Imagery Catalogs](#).

ORDERING INFORMATION

Designate PRODUCT SIZE and/or TYPE on order form **FPAC-ISD-441** in the [Ordering Instructions](#) webpage.
For example: **10" x 10" Image Scan / 10" x 10" Print**
24" x 24" Metallic Print
Compressed County Mosaic
Quarter Quad

PAYMENT	Prepayment is required. Checks are no longer accepted. Use the following PAY.GOV collection form website link with work order number: https://www.pay.gov/public/form/start/1178517031 Purchase orders are accepted from tax-supported agencies.
SHIPMENT	We ship the most economical method. Shipping costs are included in the price of prints.

- * Data or electronic transfer is the standard delivery method orders.
 - ** Image Scan - Standard resolution at 12.5 microns (2136 dpi) in tagged image file format (.tif). Quantity discounts upon eligibility.
 - *** Metallic Print - Provides silver luster to enhance colors. Can be used to write and wipe with dry erase marker only.
- For special needs not covered elsewhere on this form, contact us directly. Additional fees may apply.*

Address Order for Product or Request for Information to:	CUSTOMER SERVICES USDA FPAC-BC GEOSPATIAL ENTERPRISE OPERATIONS 125 SOUTH STATE STREET SUITE 6416 SALT LAKE CITY UT 84138-1102	TELEPHONE: 801-844-2922 FAX: 855-415-2014 E-MAIL: GEO.Sales@usda.gov WEBSITE: USDA GEO Website
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To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://www.ascr.usda.gov/complaint_filing_cust.html and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture Office of the Assistant Secretary for Civil Rights 1400 Independence Avenue, SW Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov. USDA is an equal opportunity provider, employer, and lender.

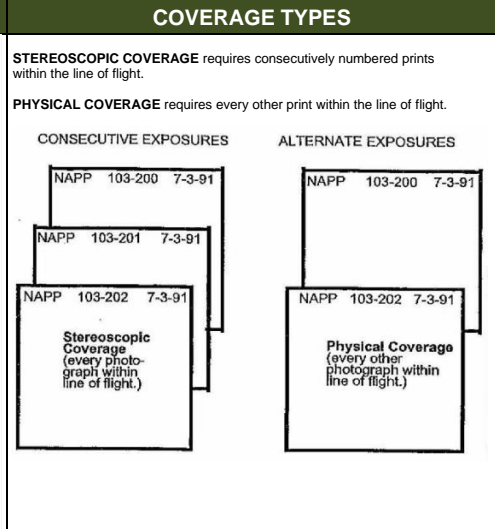
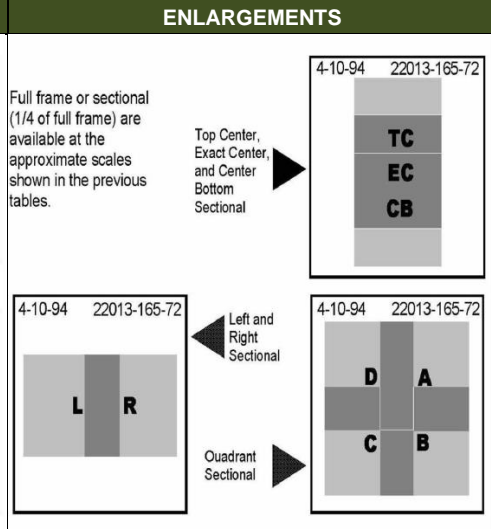
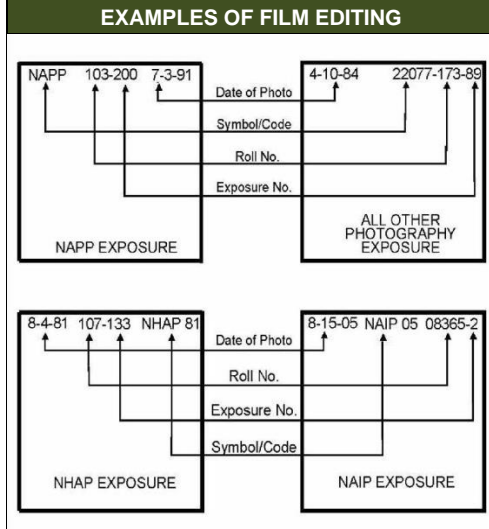
PROGRAM AVAILABILITY & IMAGERY TYPE			
PROGRAMS	SCALE OF PHOTOGRAPHY	DATE RANGE	IMAGERY TYPE
NAIP	1:40,000 – 1:60,000	2003 – Present	COLOR & CIR
NAPP	1:40,000	1987 – 2006	BW & CIR
NHAP	1:60,000	1980 - 1987	CIR
FSA & NRCS	1:40,000	1970 – Present	BW
FSA & NRCS	1:20,000	1955 -1970	BW
FS	Various	1955 – Present	BW / COLOR CIR / MISC
BW-Black & White COLOR-Natural Color CIR-Color Infrared MISC-Other			

ORIGINAL FILM FORMAT & SCALES		
10" X10" Image Scan - Direct copies from the full frame. Not available as sectionals or with scale accuracy.		
APPROXIMATE SCALES OF ORIGINAL PHOTOGRAPHY		DISTANCE ALONG ONE SIDE OF PHOTO
FRACTIONAL SCALE	10" X 10" SCALES FEET/INCH	
1:20,000	1667	2.84 miles
1:40,000	3333	5.68 miles
1:60,000	5000	8.52 miles

METHODS FOR DETERMINING COVERAGE & IDENTIFICATION
 You may request available digital photo indexes or shapefiles to determine or select aerial imagery identification frame number and date.

IMAGERY SCAN RESOLUTIONS						
GROUND SAMPLE DISTANCE (GSD) IN FEET & METERS						
MICRONS DPI	12.5 2136	15 1700	17.5 1515	20 1282	25 1016	50 508
Film Scale	feet meters	feet meters	feet meters	feet meters	feet meters	feet meters
1:60,000	2.34 0.71	2.94 0.91	3.30 1.02	3.90 1.19	4.92 1.52	9.84 3.04
1:48,000	1.87 0.57	2.35 0.73	2.64 0.81	3.12 0.95	3.94 1.21	7.87 2.43
1:40,000	1.56 0.48	1.96 0.60	2.20 0.68	2.60 0.79	3.28 1.01	6.56 2.02
1:24,000	0.94 0.29	1.18 0.36	1.32 0.41	1.56 0.48	1.97 0.61	3.94 1.21
1:20,000	0.78 0.24	0.98 0.30	1.10 0.34	1.30 0.40	1.64 0.51	3.28 1.01
1:15,840	0.62 0.19	0.78 0.24	0.87 0.27	1.03 0.31	1.30 0.40	2.60 0.80
1:12,000	0.47 0.14	0.59 0.18	0.66 0.20	0.78 0.24	0.98 0.30	1.97 0.61
1:10,000	0.39 0.12	0.49 0.15	0.55 0.17	0.65 0.20	0.82 0.25	1.64 0.51

Use the following formulas for resolutions and ground sample distance not shown.
 Dots Per Inch (DPI) Formula: $1/(X \text{ microns}/1,000,000 * 39.37) = X \text{ DPI}$
 Example: $20 \text{ microns}/1,000,000 = 0.00002 * 39.37 = 0.00078$
 $1/0.00078 = 1282 \text{ DPI}$
 Ground Sample Distance (GSD) Formula: $\text{Scale of Photography}/\text{DPI}/\text{Feet}$
 Example: $60,000/2136 = 28.08/12 = 2.34'$ $2.3' * 0.3048 = 0.71 \text{ meters}$



ENLARGEMENT SCALES

Enlargements are reproduced from Image Scans or Quarter Quad (QQ) digital imagery and scales will be approximate. Custom photos are available with map layers added to the imagery such as topography, transportation, and public land survey. Labor charges may apply. You may request the Aerial Photo Guide at <mailto:geo.sales@usda.gov> to get a better idea of what to expect with illustrations of optimal and limited enlargement scales.

PRINT SIZE	ENLARGEMNT FACTOR	TYPICAL SCALE
20" x 20"	2x to 10x	2500"/" to 165"/"
20" x 24"	2x to 10x	2500"/" to 165"/"
24" x 24"	2.5x to 10x	2000"/" to 165"/"
30" x 30"	3x to 10x	1650"/" to 165"/"
30" x 40"	3x to 10x	1650"/" to 165"/"

2011 NAIP Index

2011 NAIP QQ

1982 Photo Index

1958 Film Frame