

## Year 2005 SEWRPC Regional Orthophotography Program

### Description of Digital Products

Digital Product	Counties Covered	Image File Type	Compilation Scale	Pixel Resolution	Area Covered by each File	No. of Image Files per Disk	Description
<b>Regional Color Orthos</b>	All SE Wisconsin Region Counties except Milwaukee and Waukesha	GeoTIFF	1" = 200'	12 inches	5,000' by 5,000' tile	9 files – CD 50 files – DVD	Each image file covers a 5,000' by 5,000' area or tile on the Wisconsin State Plane Coordinate System, South Zone. File size is about 72 megabytes.
		MrSID	1" = 200'	12 inches	One USPLSS survey township	4 files – CD 25 files – DVD	Image files merged into a mosaic covering one USPLSS survey township. Township file size is about 160 megabytes.
<b>Regional Black &amp; White Orthos</b>	All SE Wisconsin Region Counties	GeoTIFF	1" = 200'	12 inches	10,000' by 10,000' tile	6 files – CD 40 files – DVD	Each image file covers a 10,000' by 10,000' area or tile on the Wisconsin State Plane Coordinate System, South Zone. File size is about 95 megabytes.
		MrSID	1" = 200'	12 inches	One USPLSS survey township	10 files – CD 60 files – DVD	Image files merged into a mosaic covering one USPLSS survey township. Township file size is about 54 megabytes.
					One county	1 file – CD 7 files – DVD	Black-and-white image files merged to cover an entire county. File size varies from 450 to 980 megabytes.
<b>Milwaukee And Waukesha Color Orthos</b>	Milwaukee and Waukesha Counties	GeoTIFF	1" = 100'	6 inches	5,000' by 5,000' tile	2 files – CD 14 files – DVD	Each image file covers a 5,000' by 5,000' area or tile on the Wisconsin State Plane Coordinate System, South Zone. File size is about 286 megabytes.
		MrSID	1" = 100'	6 inches	One USPLSS survey township	1 file – CD 6 files – DVD	Image files merged into a mosaic covering one USPLSS survey township. Township file size is about 630 megabytes.

## Year 2005 SEWRPC Regional Orthophotography Program: File Naming Convention

Regional Color Orthos	
im05_5K-12_eeee_nnn.tif	Orthophoto image in GeoTIFF format covering a 5,000 feet by 5,000 feet area or "tile". The base name "eeee_nnn" indicates the easting coordinate ("eeee"), in thousands of feet, and the northing coordinate ("nnn"), in thousands of feet, of the southwest corner of the image.
im05_5K-12_eeee_nnn.tfw	Image reference or "world" file for displaying images.
im05_C-12_ttrr.sid	Orthophoto image in MrSID compressed file format covering one U.S. Public Land Survey System (USPLSS) survey township. The base name "ttrr" indicates the survey township ("tt") and range ("rr") identifier of the area covered by the file.
Im05_C-12_ttrr.sdw	Image reference or "world" file for displaying MrSID-format survey township image.
Regional Black & White Orthos	
im05_10K-12_eeee_nnn.tif	Orthophoto image in GeoTIFF format covering a 10,000 feet by 10,000 feet area or "tile". The base name "eeee_nnn" indicates the easting coordinate ("eeee"), in thousands of feet, and the northing coordinate ("nnn"), in thousands of feet, of the southwest corner of the image.
im05_10K-12_eeee_nnn.tfw	Image reference or "world" file for displaying images.
im05_BW-12_ttrr.sid	Orthophoto image in MrSID compressed file format covering one USPLSS survey township. The base name "ttrr" indicates the survey township ("tt") and range ("rr") identifier of the area covered by the file.
im05_BW-12_ttrr.sdw	Image reference or "world" file for displaying MrSID-format survey township image.
Milwaukee and Waukesha Color Orthos	
im05_5K-6_eeee_nnn.tif	Orthophoto image in GeoTIFF format covering a 5,000 feet by 5,000 feet area or "tile". The base name "eeee_nnn" indicates the easting coordinate ("eeee"), in thousands of feet, and the northing coordinate ("nnn"), in thousands of feet, of the southwest corner of the image.
im05_5K-6_eeee_nnn.tfw	Image reference or "world" file for displaying images.
im05_C-6_ttrr.sid	Orthophoto image in MrSID compressed file format covering one USPLSS survey township. The base name "ttrr" indicates the survey township ("tt") and range ("rr") identifier of the area covered by the file.
Im05_C-6_ttrr.sdw	Image reference or "world" file for displaying MrSID-format survey township image.

### NOTES:

The cost for digital orthophoto products is \$50 per CD or \$100 per DVD, plus tax and shipping (if applicable).

All digital orthophoto images and related digital files from the 2005 Regional Orthophotography Program are referenced to the Wisconsin State Plane Coordinate System, South Zone, North American Datum of 1927.

This documentation describes conventional digital products available from the 2005 Regional Orthophotography Program. Individuals interested in the availability and cost of customized digital or hardcopy orthophoto products should inquire of the Southeastern Wisconsin Regional Planning Commission GIS Division.