

2010 SEWRPC Regional Orthophotography Program

Description of Color Digital Orthophoto Files						
Area Covered	Image File Format	Compilation Scale	Pixel Resolution	Area Covered by Each File	No. of Image Files per Disk	Description
12-inch Project Area: - Ozaukee County <i>(excluding Mequon area)</i> - Racine County - Walworth County	GeoTIFF	1" = 200'	12 inches	10,000' by 10,000' tile	2 files – CD 14 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 286 megabytes. There are a total of 398 files in this data set.
	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. There are a total of 33 files in this data set.
6-inch Project Area: - Milwaukee County - Washington County - Waukesha County - City of Mequon area	GeoTIFF	1" = 100'	6 inches	10,000' by 10,000' tile	4 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 1.1 gigabytes. There are a total of 439 files in this data set.
	MrSID	1" = 100'	6 inches	One USPLSS survey township	1 file – CD 7 files – DVD	Image files merged into a mosaic covering one USPLSS survey township. Township file size is about 640 megabytes. There are a total of 38 files in this data set.
3-inch Project Area: - Kenosha County	GeoTIFF	1" = 50'	3 inches	5,000' by 5,000' tile	4 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 1.1 gigabytes. There are a total of 424 files in this data set.
	MrSID	1" = 50'	3 inches	One half of USPLSS survey township	7 files – DVD	Image files merged into a mosaic generally covering one half of a USPLSS survey township. Partial township file size is about 1.3 gigabytes. There are a total of 15 files in this data set.

File Naming Convention		
12-inch Project Area	im10_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 “ <i>eeee_nnn</i> ” indicates the easting coordinate (“ <i>eeee</i> ”), in thousands of feet, and the northing coordinate (“ <i>nnn</i> ”), in thousands of feet, of the southwest corner of the image.
	im10_10K-12_eeee_nnn.tfw	Image reference or “world” file for displaying image.
	im10_C-12_ttr.sid	Orthophoto image in MrSID compressed file format covering one U.S. Public Land Survey System (USPLSS) survey township. The base name “ <i>ttr</i> ” indicates the survey township (“ <i>tt</i> ”) and range (“ <i>rr</i> ”) identifier of the area covered by the file.
	im10_C-12_ttr.sdw	Image reference or “world” file for displaying MrSID-format survey township image.
6-inch Project Area	im10_10K-6_eeee_nnn.tif	Orthophoto image in GeoTIFF format covering a 10,000 feet by 10,000 feet area or “tile”. The base name “ <i>eeee_nnn</i> ” indicates the easting coordinate (“ <i>eeee</i> ”), in thousands of feet, and the northing coordinate (“ <i>nnn</i> ”), in thousands of feet, of the southwest corner of the image.
	im10_10K-6_eeee_nnn.tfw	Image reference or “world” file for displaying image.
	im10_C-6_ttr.sid	Orthophoto image in MrSID compressed file format covering one U.S. Public Land Survey System (USPLSS) survey township. The base name “ <i>ttr</i> ” indicates the survey township (“ <i>tt</i> ”) and range (“ <i>rr</i> ”) identifier of the area covered by the file.
	im10_C-6_ttr.sdw	Image reference or “world” file for displaying MrSID-format survey township image.
3-inch Project Area	im10_5K-3_eeee_nnn.tif	Orthophoto image in GeoTIFF format covering a 5,000 feet by 5,000 feet area or “tile”. The base name “ <i>eeee_nnn</i> ” indicates the easting coordinate (“ <i>eeee</i> ”), in thousands of feet, and the northing coordinate (“ <i>nnn</i> ”), in thousands of feet, of the southwest corner of the image.
	im10_5K-3_eeee_nnn.tfw	Image reference or “world” file for displaying image.
	im10_C-3_ttr-H.sid	Orthophoto image in MrSID compressed file format generally covering one half of a U.S. Public Land Survey System (USPLSS) survey township. The base name “ <i>ttr</i> ” indicates the survey township (“ <i>tt</i> ”) and range (“ <i>rr</i> ”) identifier of the area covered by the file. The suffix “ <i>H</i> ” indicates the north or south (N or S) half of the survey township.
	im10_C-3_ttr-H.sdw	Image reference or “world” file for displaying MrSID-format partial 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 2010 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 2010 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.