

2015 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 |
| 6-inch Project Area: - Ozaukee County - Racine County - Walworth County - Washington County - Waukesha County | 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 720 files in this data set. |
| | MrSID | 1" = 100' | 6 inches | One USPLSS survey township | 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 63 files in this data set. |
| 3-inch Project Area: - Kenosha County - Milwaukee 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 692 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 31 files in this data set. |

| File Naming Convention | | |
|--------------------------------|-------------------------|---|
| 6-inch Project Area | im15_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. |
| | im15_10K-6_eeee_nnn.tfw | Image reference or “world” file for displaying image. |
| | im15_C-6_ttrr.sid | Orthophoto image in MrSID compressed file format covering one U.S. Public Land Survey System (USPLSS) survey township. The base name “ <i>ttrr</i> ” indicates the survey township (“ <i>tt</i> ”) and range (“ <i>rr</i> ”) identifier of the area covered by the file. |
| | im15_C-6_ttrr.sdw | Image reference or “world” file for displaying MrSID-format survey township image. |
| 3-inch Project Area | im15_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. |
| | im15_5K-3_eeee_nnn.tfw | Image reference or “world” file for displaying image. |
| | im15_C-3_ttrr-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>ttrr</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. |
| | im15_C-3_ttrr-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 2015 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 2015 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.