

Landcover Partnership

The Maine Landcover Dataset (MELCD 2004) project provided updated landcover and imperviousness data for Maine based on 2004 satellite imagery. Previously, the most recent such data for Maine was based on 13-year old imagery and was at a very coarse resolution of 30 meters. This project provided data at a higher resolution of 5 meters, and was tightly integrated with federal landcover mapping projects. In addition, imperviousness data were developed at a 5-meter resolution as well.

The project was started in February of 2004. To date, the 2004 satellite imagery (5-meter SPOT-5 data) have been collected and are available to federal, state, and local governments in Maine, and public schools in Maine.

The 5-meter imperviousness data are also completed to a 90% accuracy level, and are available to the public at <http://megis.maine.gov/catalog>. The 5-meter landcover data is also available to the public at <http://megis.maine.gov/catalog>. The federal products, all at a coarser 30-meter resolution from 2001 LandSat data, include imperviousness, forested canopy closure, change detection (1995-2001), and landcover. The federal products are available from the MRLC web site at <http://www.mrlc.gov/index.php>.

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