

GCDB Aggregated Features (Sections & Township polygons)

Contributed by AGRC Administrator
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The GCDB (Geographic Coordinates Database) representation of township, section, & quarter-quarter section division lines is in the process of being converted to GIS compatible datasets. The GCDB products are available on the AGRC SDE server under the SGID.U024.Reference Feature Dataset, accessible with the standard public user SDE connection parameters. The GCDB data will continue to be refined and expanded and the AGRC SDE server will have the most current revisions.

In addition to the SGID.U024.Reference's GCDB polygon featureclass, AGRC has created a GCDBSections and GCDBTownships feature class for cartographic and query purposes. These two datasets are entirely derived from the main GCDB featureclass using a basic 'attribute dissolve' strategy. In some areas of the state, the proper attribution and/or geometry is still missing from the GCDB product to create full section and township polygons. In these areas, sections and townships may be represented by a multipart polygon or a polygon with interior holes. The GCDBSections and GCDBTownships featureclasses carry an attribute field called 'PartCount' which can be used to exclude the incomplete, multipart section or township features (use this definition query to exclude the multipart features: [PartCount] = 1).