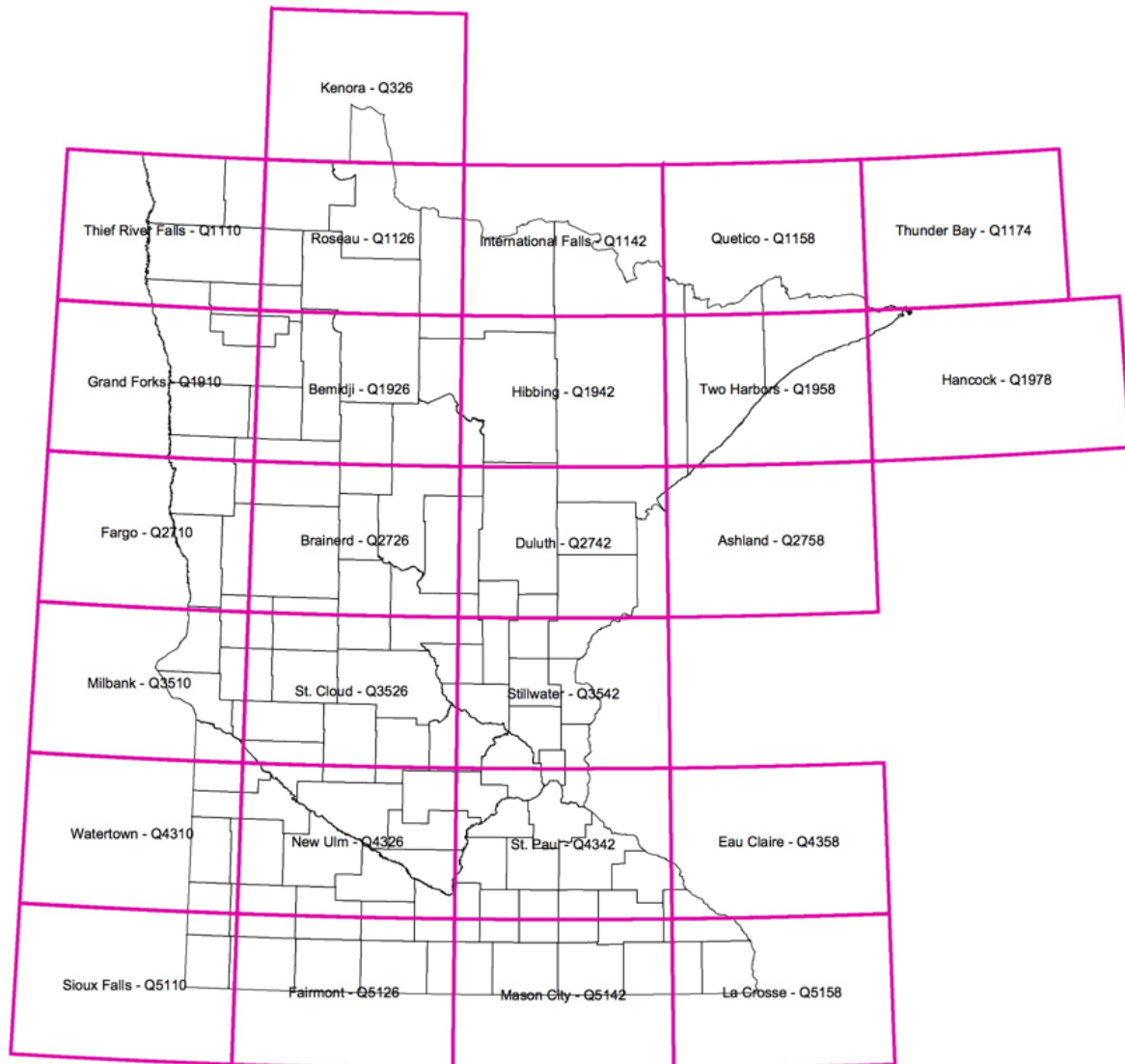


## MN Solar Suitability Analysis - Naming Conventions

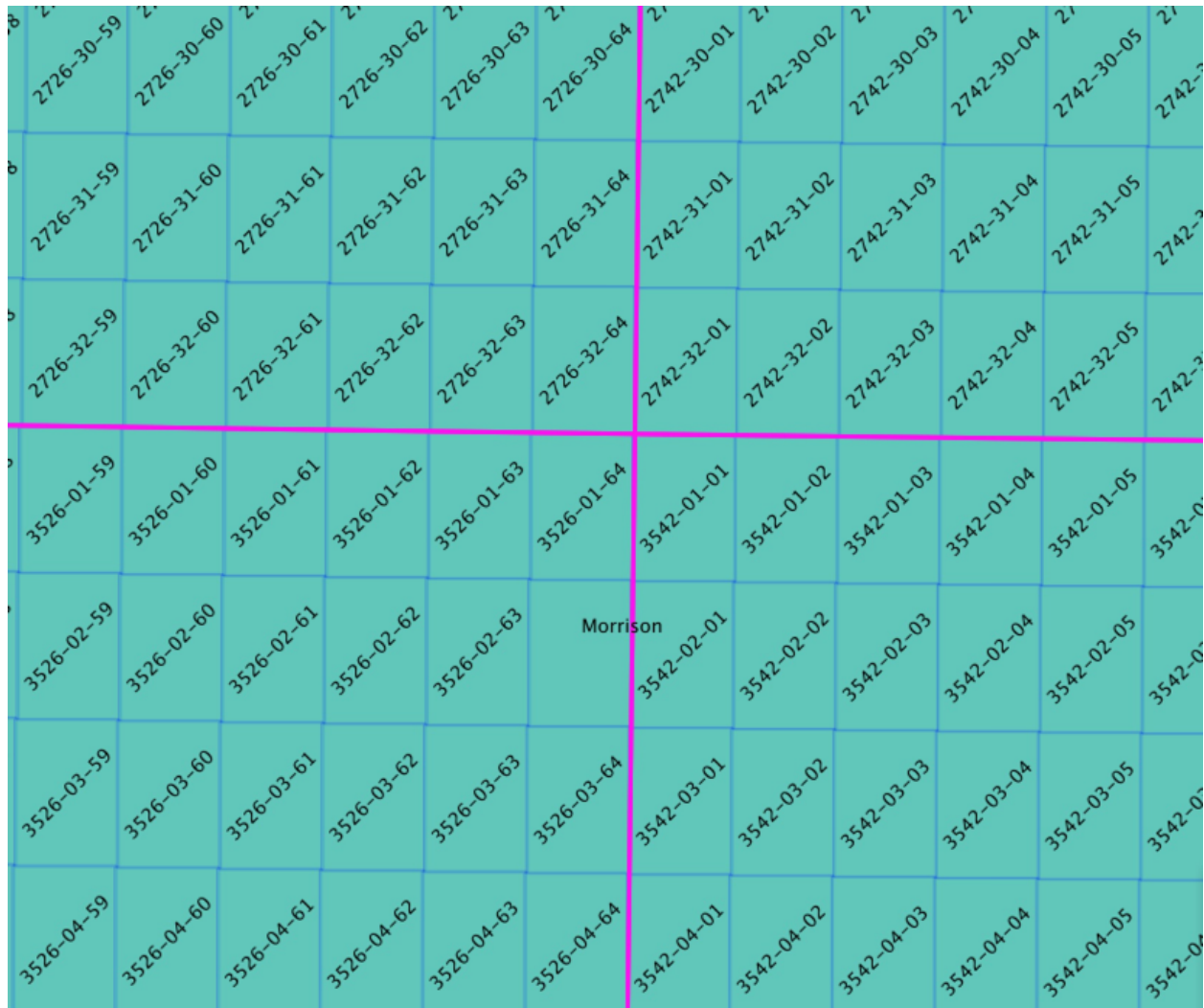
updated 5/13/2015 by Andy Walz ( [walz0053@umn.edu](mailto:walz0053@umn.edu) )

**Data store:** \\files.umn.edu\US\GIS\U-Spatial\SolarResourceData\

The lidar, DSM, and Solar tiles are all named and organized according to the USGS 250k quad grid used by MN DNR:



Each 250k grid cell is further divided into rows and columns starting at 01-01 in upper left corner:



Each file is prefixed with the q250k, row, and column identifiers of the cell it's centroid falls within (nearest cell used if centroid falls outside). The files are all stored in directories named for each q250k cell and named as follows:

- for LAZ (.laz) files:  
[ q250k ] - [ row ] - [ column ]
- for DSM and related (.img, .rrd, .xml) files:  
[ q250k ] - [ row ] - [ column ] \_ [ DSM ID ]  
e.g. 4326-05-35\_1088.img
- for Solar and related (.img, .rrd, .xml) files:  
[ q250k ] - [ row ] - [ column ] \_ [ DSM ID ] \_ [ Solar ID ]  
e.g. 4326-05-35\_1088\_55833.img