**READ ME file for new USGS TIFF images – Western USA Only:**

These TIFF files were converted from GeoPDFs using Global Mapper by Elise Bowne (USFS) and Lorri Peltz-Lewis (USFS) to support first responders on all hazards incidents. You will not find the imagery or hillshading included in any of these images. The ND and MT quads now have the Forest/Woodland tint, but it can be turned off. The TIFF content is not consistent due to the way USGS changed what was on the PDFs. This is notable between the 2011/2012 quads and the 2013 quads. PLSS (Public Land Survey System) and Boundaries are not consistent on the quads, but start to show up with more frequency in 2013. The North Dakota quads created in 2014 still don’t have PLSS on them due to a timing and availability issue.

**NOTE – EDGEMATCHING** – Set color 195 to Transparent – due to a small sliver of yellow on each quad you will need to set 195 to transparent for a clean edge match of the quads. This was tested on a significant set of quads. If you find otherwise contact Lorri Peltz-Lewis (see below) with quad name where you found this not working.

**TRANSPARENCY** – Set color 255 to transparent. This will change the background to clear to allow the topo to be used on top of other layers.

**TURNING OFF WOODLAND/FOREST TINT** – Set color 27 to transparent. If the ND or MT quad has the woodland tint (greenish gray for vegetation) turned on, and it is not wanted, simply set color 27 to transparent. This will change the woodland tint to clear. You could also set this to white or whatever works.

**NAMING CONVENTION** – USGS provides the quads by the following naming convention:

 ST\_quadname\_YYYYMMDD\_TM\_geo

**LOCATING THE QUADS YOU NEED** – To locate which quads you need, you will need to implement the spatial selection for ArcCatalog (CAUTION THIS CAN TAKE SOME TIME) or you can use the **USGS\_TNM\_Quads.gdb** this should be included with your state TIFF images. Load the feature dataset:

**USGS\_TNM\_Quads.gdb – Cells - CellGrid\_7\_5Minute**

the layerfile:

**USGS\_TNM\_Quads-Cells-CellGrid\_7\_5Minute.lyr** is available to quickly load, set outline, and turn on text (in beyond 1:500,000-scale).

 They are included in the folder for each state.

Another tool that can be used was created by Carl Beyerhelm. It is called MakeUsgsQuadCatalog and is in the folder of the same name in the 1\_HelpMe\_TipSheets\_Tools folder of the RM GISS Data Drive.

**QUADS BY STATE** – the quads were downloaded by state with quads along the edge from adjoining states. This is not always consistent, but pretty good. If you need another state contact Lorri and/or Elise – see list below.

**Is USGS Providing this Data?** At this time there is no determination on that. The USGS State Liaisons are being offered this data by state to share, but there is no agreement that USGS will provide this at a single location. You can find your state liaison by going here: <http://liaisons.usgs.gov/geospatial/> click on the Contacts link to get this page: <http://liaisons.usgs.gov/geospatial/documents/TNM_Partnership_User_ContactList.pdf>

**Which States are processed?**

AZ – Arizona, processing by Lorri, 2011/2012 format,

CA – California, processing by Lorri, 2011/2012 format,

CO – Colorado, processing by Elise, 2013 format,

ID – Idaho, processing by Lorri, 2013/2014 format,

KS – Kansas, processing by Elise, 2012 format,

MT – Montana, processing by Elise, 2014 format,

NE – Nebraska, processing by Elise, 2014 format,

NV – Nevada, processing by Lorri, 2011/2012 format,

NM – New Mexico, processing by Lorri, 2013 format,

ND – North Dakota, processing by Elise, 2014 format,

OR – Oregon, processing by Lorri, 2011/2012 format,

SD – South Dakota, processing by Elise, 2012 format,

UT – Utah, processing by Elise, 2014 format,

WA – Washington, processing by Lorri, 2013/2014 format,

WY – Wyoming, processing by Elise, 2012 format,

If you have any questions, find problems with processing contact Lorri. If you want to process a state not done yet contact Lorri.

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