West Virginia Elevation Catalog, Metadata, Storage, Products, Naming Conventions, Work Flows  
Compiled by Kurt Donaldson 08/02/2019

Naming order generally follows as: data type → contractor → year flown→ region → resolution → projection.

1. **LiDAR\_QL2\_PROJECTS\_AND\_METADATA**
   1. **FEMA\_2016\_WV-East (Project Name)**
      1. <LIDAR POINT CLOUD Classified zLAS Tiles>
         1. BI173.las
         2. BI174.las
         3. BI175.las
      2. <DEMS>
         1. <Bare Earth IMG Tiles>
            1. BI173.img
            2. BI173.img.aux.xml
            3. BI173.img.xml
         2. PROJECT MOSAIC
            1. DEM-Mosaic\_FEMA\_2016\_WV-East\_1m\_UTM17

HILLSHADE

Hillshade\_Mosaic\_FEMA\_2016\_WV\_East\_1m\_UTM17

SLOPESHADE

Slopeshade\_Mosaic\_FEMA\_2016\_WV\_East\_1m\_UTM17

* + 1. <CONTOURS GDB>
       1. Contours\_GDB\_FEMA\_2016\_WV-East\_UTM17.zip
    2. <OTHER>
       1. <INTENSITY IMAGES GeoTIFF Tiles>
          1. BI173.tfw
          2. BI173.tif
       2. <BREAKLINES GDB>
          1. 29331\_WV\_FEMA\_Breaklines.gdb.zip
    3. <METADATA PROJECT> (zip these folders)
       1. <REPORTS> (Vendor and USGS)
       2. < TILE INDEX AND PROJECT EXTENT SHAPEFILES>
  1. **FEMA\_2016\_WV-East\_Elk-River-Area (Project Name)**
     1. <LIDAR POINT CLOUD Classified zLAS Tiles>
        1. ED122.zlas
        2. ED123.zlas
        3. EE122.zlas

1. COUNTY BUNDLES QL2 LIDAR PRODUCTS (Distribution purposes - clipped)
   1. DEM (clipped from statewide DEM)
      1. Barbour\_DEM\_Mosaic\_UTM17\_p2019
      2. Upshur\_DEM\_Mosaic\_UTM17\_p2019
   2. HILLSHADES
      1. Barbour\_Hillshade\_Mosaic\_UTM17\_p2019
   3. CONTOURS (clipped from project Contour GDBs)
      1. Greenbrier\_Contours\_GDB\_clipped\_FEMA\_2016\_WV-East
      2. Fayette\_Contours\_ GDB\_clipped\_FEMA\_2016\_WV-East
      3. Kanawha\_Contours\_ GDB\_clipped\_FEMA\_2016\_WV-East\_ElkRiver
      4. Pendleton\_Contours\_ GDB\_clipped\_FEMA\_2016-17\_WV-NE
   4. <LIDAR POINT CLOUD Classified LAS Tiles>
      1. <Greenbrier\_LPC\_ FEMA\_2016\_WV-East>
         1. *zLAS tiles segregated by Greenbrier County*
      2. <Pendleton\_LPC\_ FEMA\_2016-17\_WV-NE>
         1. *zLAS tiles segregated b Pendleton County*
2. **DEM MOSAICS (project DEM, Hillshade, and slopeshade composites)**
   1. <PROJECTS>
      1. DEM-Mosaic\_WVSAMS\_2003\_Statewide\_3m\_UTM17
      2. DEM-Mosaic\_WVDEP\_2004-2013\_2m\_UTM17
      3. DEM-Mosaic\_FEMA\_2012\_WV-EPAN\_1m\_UTM17
      4. DEM-Mosaic\_FEMA\_2016\_WV-East\_1m\_UTM17
         1. DEM-Mosaic\_FEMA\_2016\_WV-East\_ElkRiver\_1m\_UTM17
      5. DEM-Mosaic\_FEMA\_2016-17\_WV-NE\_ 1m\_UTM17
      6. DEM-Mosaic\_FEMA\_2016-17\_VA-SW\_1m\_UTM17
   2. Hillshade\_Mosaic\_DEP\_2004\_Gilmer\_County\_2m\_UTM17
   3. Slopeshade\_Mosaic\_DEP\_2004\_Gilmer\_County\_2m\_UTM17
   4. <STATE\_DEM\_Composite>
      1. DEM\_Mosaic\_WV\_Statewide\_1-to-3m\_UTM17\_p2018
   5. Statewide Hillshade
      1. Hillshade\_Mosaic\_WV\_Statewide\_1-to-3-m\_UTM17\_p2018
3. **CONTOURS HIGH RESOLUTION (compiled projects 1- or 2-FT composites for web map services)** 
   * 1. Contours\_GDB\_FEMA\_2016\_WV-East.zip
        1. Contours\_GDB\_FEMA\_2016\_WV-East\_ElkRiver\_1FT\_UTM17.zip
     2. Contours\_GDB\_FEMA\_2016-17\_WV-NE\_ 1FT\_UTM17.zip
4. LEGACY\_LIDAR\_PROJECTS
   1. CVI\_2006\_AbramsCreekWatershed
   2. USDA-NRCS\_2005\_Jefferson
5. **WV ELEVATION METADATA**
   1. **<METADATA PROJECT>**
      1. <Metadata\_ FEMA\_2016-17\_WV-NE>
      2. <Metadata\_FEMA\_2016\_WV-East>
   2. **<METADATA STATE >**
      1. <STATE ELEVATION CATALOG GRAPHICS>
         1. Current
            1. Catalog, STATUS GRAPHICS
         2. ARCHIVE
   3. **<GIS\_FILES>**
      1. Lidar\_project\_footprints\_07262019