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