



## IMAGERY CAPTIONS

### **CAPTIONS TO ACCOMPANY THE IMAGERY IN THE FOLDER “MAYFIELD\_KY\_IMAGERY\_DEC21”**

Captions are associated by image name. All credit is *Center for Disaster Risk Policy, Florida State University, December 2021*, however, citations or attribution is not required.

#### **01\_MAYFIELD\_CANDLE\_FACTORY.JPG**

Mayfield, Kentucky, December 13, 2021. Low oblique image from small multirotor showing recovery efforts at the Mayfield Consumer Products Candle Factory. The factory was destroyed with workers inside by the EF4 tornado that impacted Mayfield and Graves County on December 10, 2021.

#### **02\_GRAVES\_COUNTY\_COURTHOUSE\_NADIR.JPG**

Mayfield, Kentucky, December 13, 2021. Nadir image of the Graves County Courthouse taken from a fixed wing small UAS during a mapping sortie of downtown Mayfield, Kentucky. Images from this flight are combined using structure-from-motion software to create large two dimensional mosaic images as well as three dimensional models. The courthouse was severely damaged by the EF4 tornado that impacted Mayfield and Graves County on December 10, 2021.

#### **03\_MAYFIELD\_WATER\_TOWER.JPG**

Mayfield, Kentucky, December 13, 2021. Oblique image of a destroyed water tower and surrounding homes on the west side of Mayfield, Kentucky. The damage visible was caused by the EF4 tornado that impacted Mayfield and Graves County on December 10, 2021.

#### **04\_MAYFIELD\_DOWNTOWN\_ORTHOMOSAIC\_SAMPLE.JPG**

Mayfield, Kentucky, December 13, 2021. Low resolution sample from one of the created two dimensional orthorectified mosaic images of downtown Mayfield, Kentucky. High resolution versions of this imagery was used as the base layer in US&R mapping applications, allowing searchers to have up-to-the-minute imagery that accurately reflects the search areas.

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