**Penn State University Park/Centre County PA 1949 Aerial Photos**

Abstract

The aerial photos were captured in the Spring 1949. These photos were given to the Donald W. Hamer Center for Maps and Geospatial Information in 2021. The 177 photos were flown at a 1”:9600’ scale covering portions of Centre County, PA, including the Penn State University Park campus and surrounding towns. These aerial images were obtained from 9"x9" film roll. This collection lacked an index. To generate approximate center points, photos were aligned and georeferenced in three dimensions using Agisoft Metashape and using a minimum number of ground control points, typically between 5 and 12 depending on the size of the project. Estimates of each camera pose, including geographic coordinates, were then exported to create a digital index for the collection. This digital index is intended to facilitate discovery and access, but not for research purposes.