

Heightmap (DEM)

A **heightmap** entity is a special type of Ortho-Imagery set where images describe altitude instead of color. The images for these sets must be in 16bit grayscale PNG format.

Once you select **"Heightmap"** from the "Add" menu, you will see the following options:

Item Name	A readable name for the new entity
Minimum Height	Elevation value for black pixels in the heightmap
Maximum Height	Elevation value for white pixels in the heightmap
Capture Device	An optional string to identify capture device
Capture Date	An optional field containing the original capture date
Horizontal Datum	The horizontal datum used in the heightmap
Vertical Datum	The vertical datum used in the heightmap
Projection	The projection used by the heightmap
Horizontal Units	The horizontal unit type used in the heightmap
Vertical Units	The vertical unit type used in the heightmap

Click "Choose Files" to select which files to upload as the Ortho-Imagery set. Each image in the set is expected to have a matching world registration file. The following table lists the supported image formats and the expected world file extension for the format:

Image Format Extension	Expected World File Extension
.PNG (16bit grayscale)	.PGW

You can also select multiple archive ZIP files, which should contain the image and matching world registration files.

Click on "Create" to begin the upload process. You can track the upload operation from the "Pending" section in the project's page.

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