

# GSP 537 Spring 2018 Lab 6

## A Point Density Analysis of UFO sightings in Flagstaff, AZ



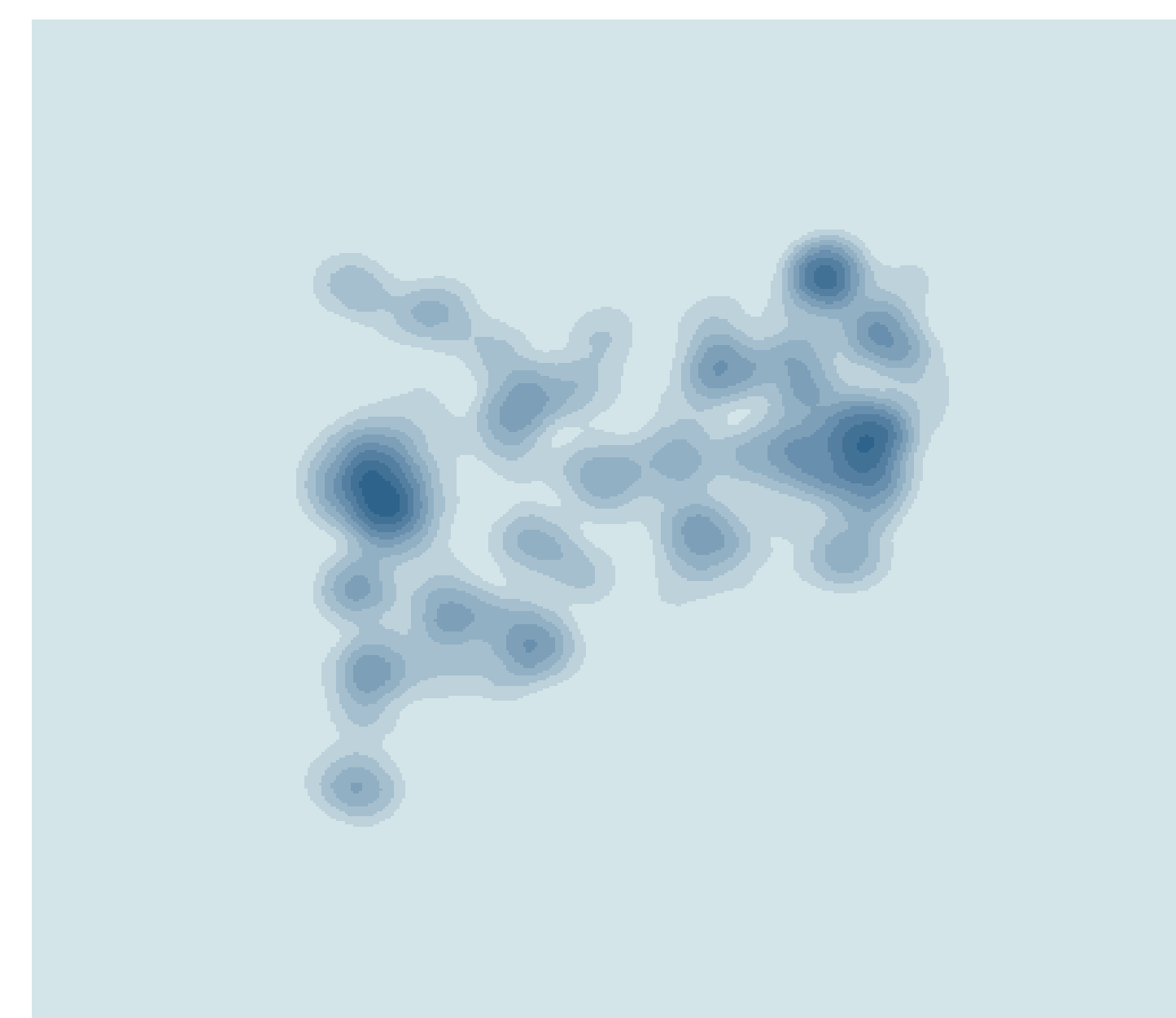
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### Scenario

The Flagstaff Unidentified Flying Object Organization (FUFOO) is involved in an ongoing study of UFO sightings in Flagstaff and the surrounding area. The objective was to create a map showing UFO sighting distribution. We present a feature class based on the 2011 data that can be used with the historical feature classes already in the geodatabase.

### Workflow

- At the end of each year, UFO witness locations are compiled into a point feature class, which is then converted into a density raster.



- Point FC 2011
- Resulting Density Raster 2011
- We used the ArcGIS raster calculator to determine the point density for all 6 years.



Resulting density raster 2006 - 2011

### Results

#### Point Density Analysis of UFO sightings

