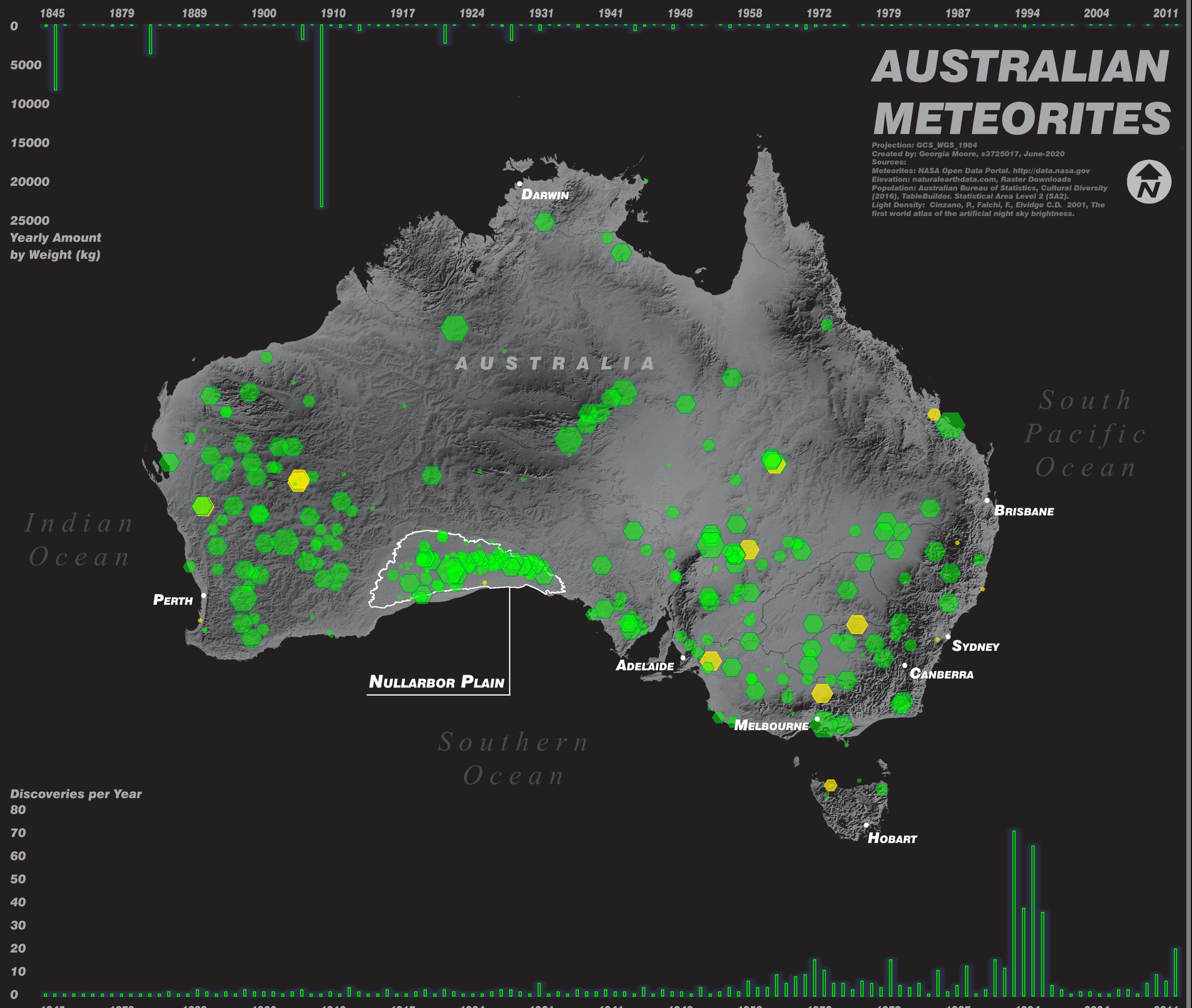
AUSTRALIAN METEORITES

Projection: GCS_WGS_1984
Created by: Georgia Moore, s3725017, June-2020
Sources:
Meteorites: NASA Open Data Portal. http://data.nasa.gov
Elevation: naturalearthdata.com, Raster Downloads
Population: Australian Bureau of Statistics, Cultural Diversity (2016), TableBuilder. Statistical Area Level 2 (SA2).
Light Density: Cinzano, P., Falchi, F., Elvidge C.D. 2001, The first world atlas of the artificial night sky brightness.

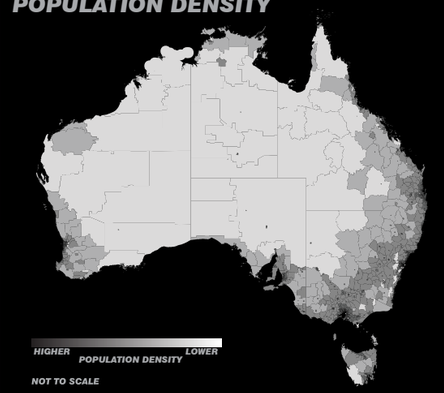


Meteorites seen falling seem to correlate with densely populated areas, while meteorites found are in more desertic areas.

This is especially true with the number of meteorites found across the Nullarbor Plain. An area of limestone that stretches for 600kms along the south coast of Western Australia and South Australia, making it optimal conditions to preserve and locate meteorites. In addition, the barren plain has very little vegetation to cover up the meteorites.

While found meteorites are abundant, falling meteorites in Australia are rare. This could be attributed to densely populated areas also having high artificial night sky brightness, making it difficult to observe falling meteorites.

POPULATION DENSITY



ARTIFICIAL NIGHT SKY BRIGHTNESS