



Grid raw lightning counts at selected resolution

Filter out stroke counts with < 2 strokes

Raw density raster intermediate product

Divide hourly stroke count data by grid area

Divide hourly stroke density by DE raster for detection efficiency correction

Remap detection efficiency rasters to target grid (bilinear interpolation)

Output

Adjusted density field

Aggregate

Lightning density raster

Aggregate

Lightning density raster



Hourly



Monthly



Annual