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15 August 2021

METHOD OF TABULATING POPULATION AND COMPUTING AREA

All populations are tabulated by the Block Centroid Method using Census 2010 data.

The latitude and longitude of the centroid of each census-defined population block is examined to determine if it falls within or without of the appropriate F(50,50) coverage contour. The populations of each population block lying within the contour are summed to determine the overall coverage population.

The area lying within the appropriate coverage contour is computed by summing the areas of 720 equally spaced, one-half degree circular arc segments centered on the transmitter site and having a radius equal to the average of the distance to contour of the bounding sides.