

Modeling Working Group Presentation

Overview of Grand Canyon Noise Analysis Supplemental Time Audible Results

Presented to: Third Meeting of the Grand Canyon Working Group
Of the National Parks Overflights Advisory Group

By: FAA/NPS Technical Working Group

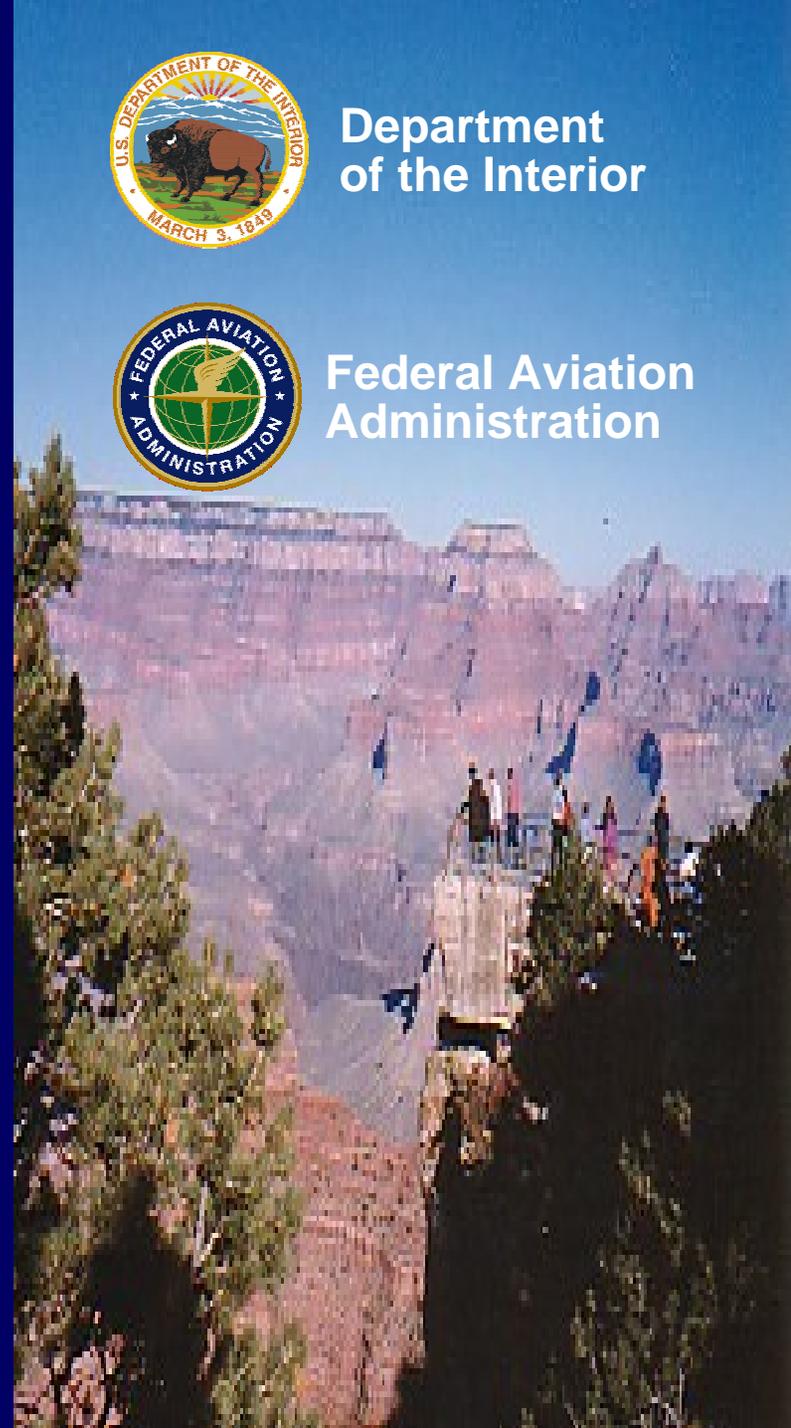
Date: January 31, 2006



Department
of the Interior

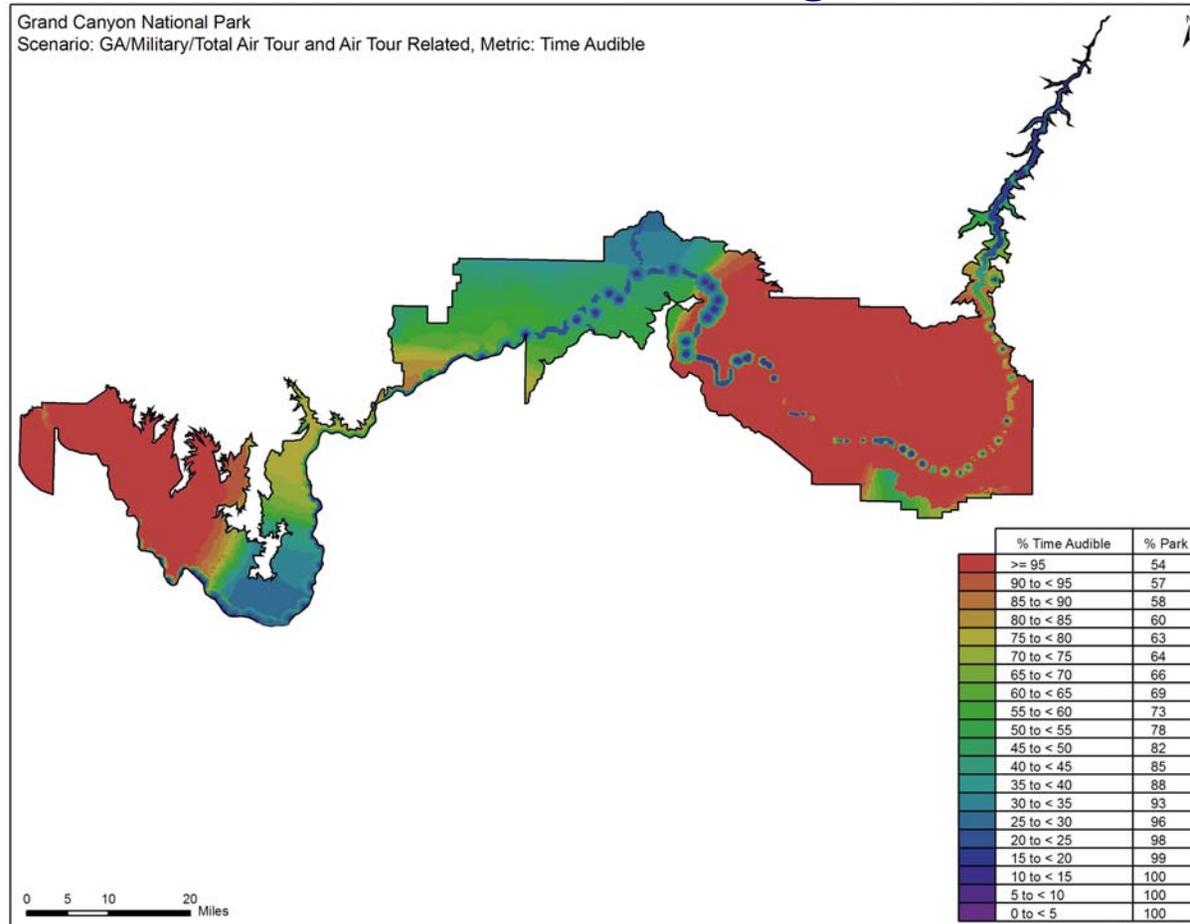


Federal Aviation
Administration



Results

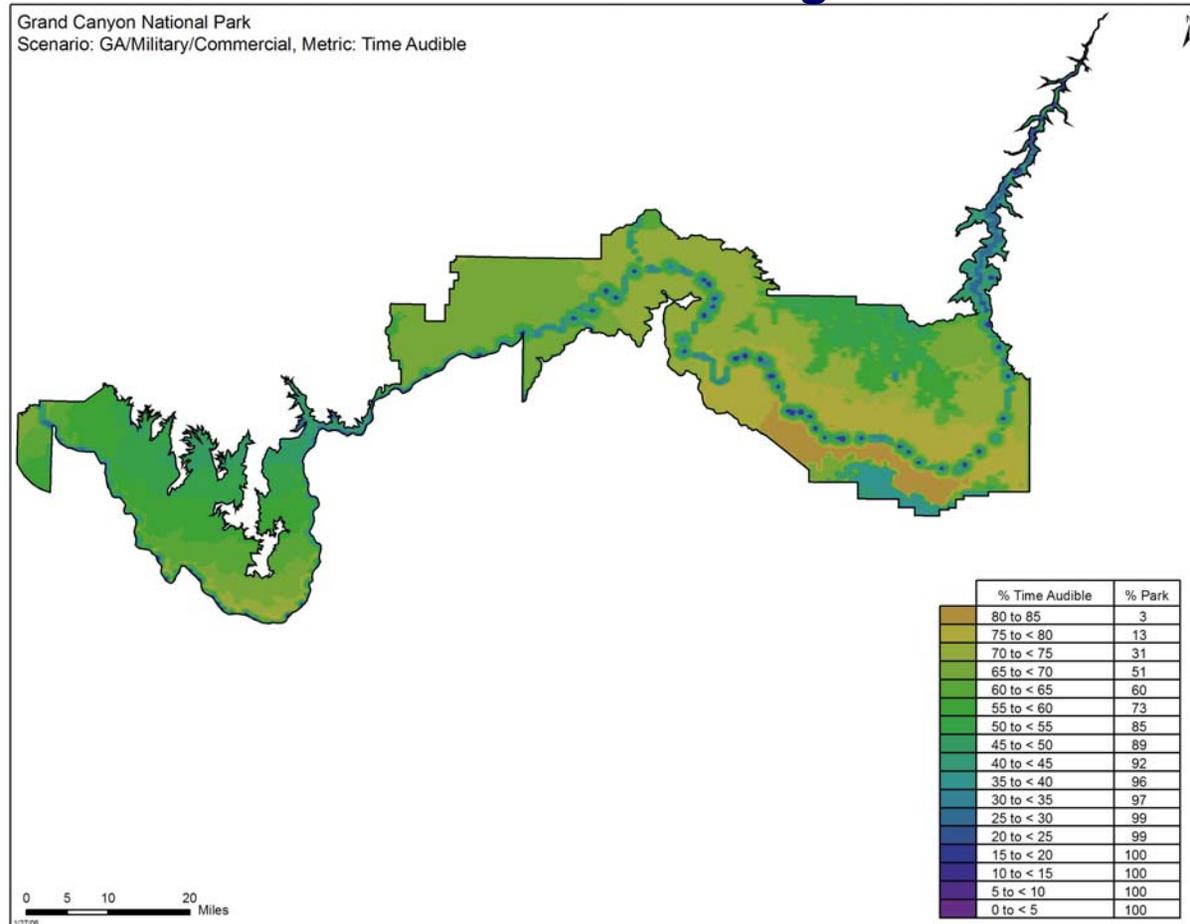
Distribution of Aircraft Sounds Throughout the “Peak Day”



Total GA, Military, Air Tour and Air Tour Related
(25% Time Audible in 96.3% of the park)

Results

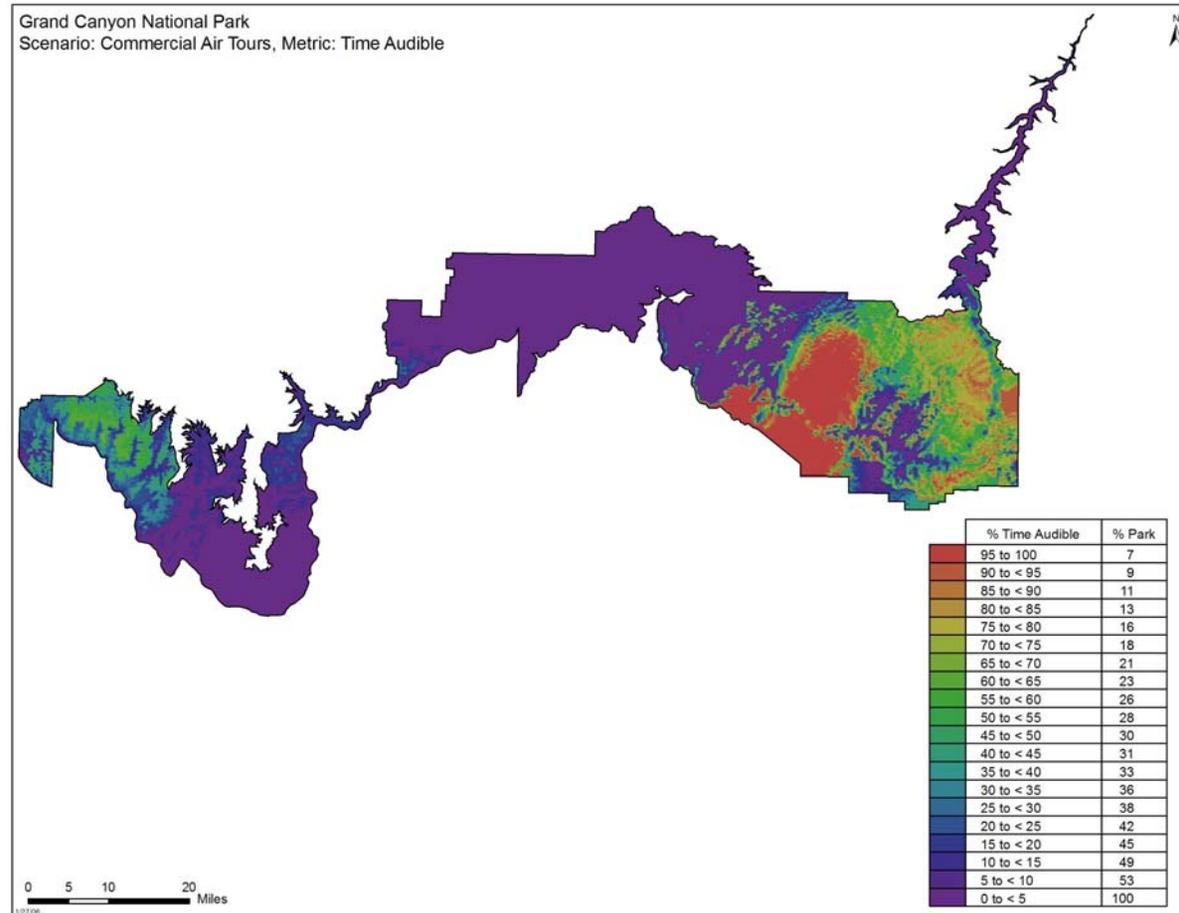
Distribution of Aircraft Sounds Throughout the “Peak Day”



Total GA, Military, Commercial
(25% Time Audible in 99.0% of the park)

Results

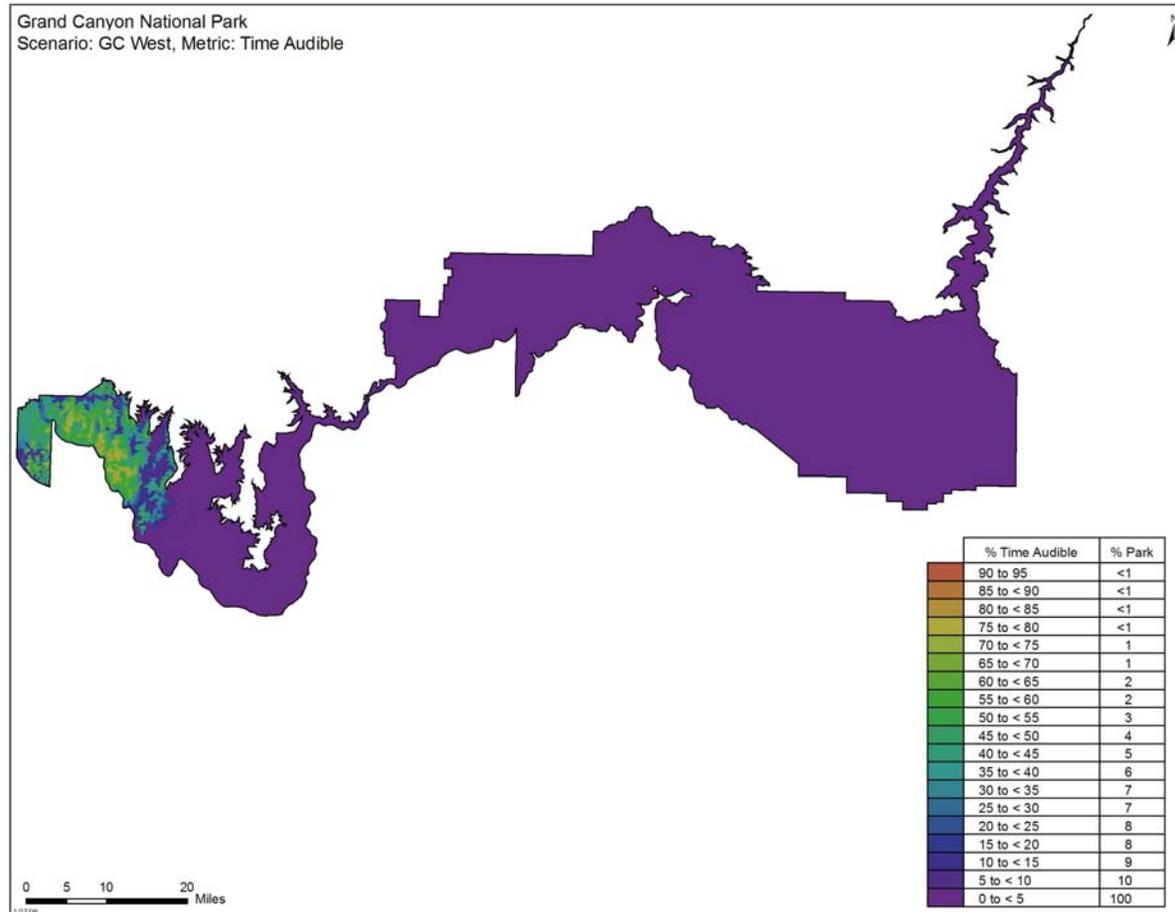
Distribution of Aircraft Sounds Throughout the “Peak Day”



Commercial Air Tours
(25% Time Audible in 38.4% of the park)

Results

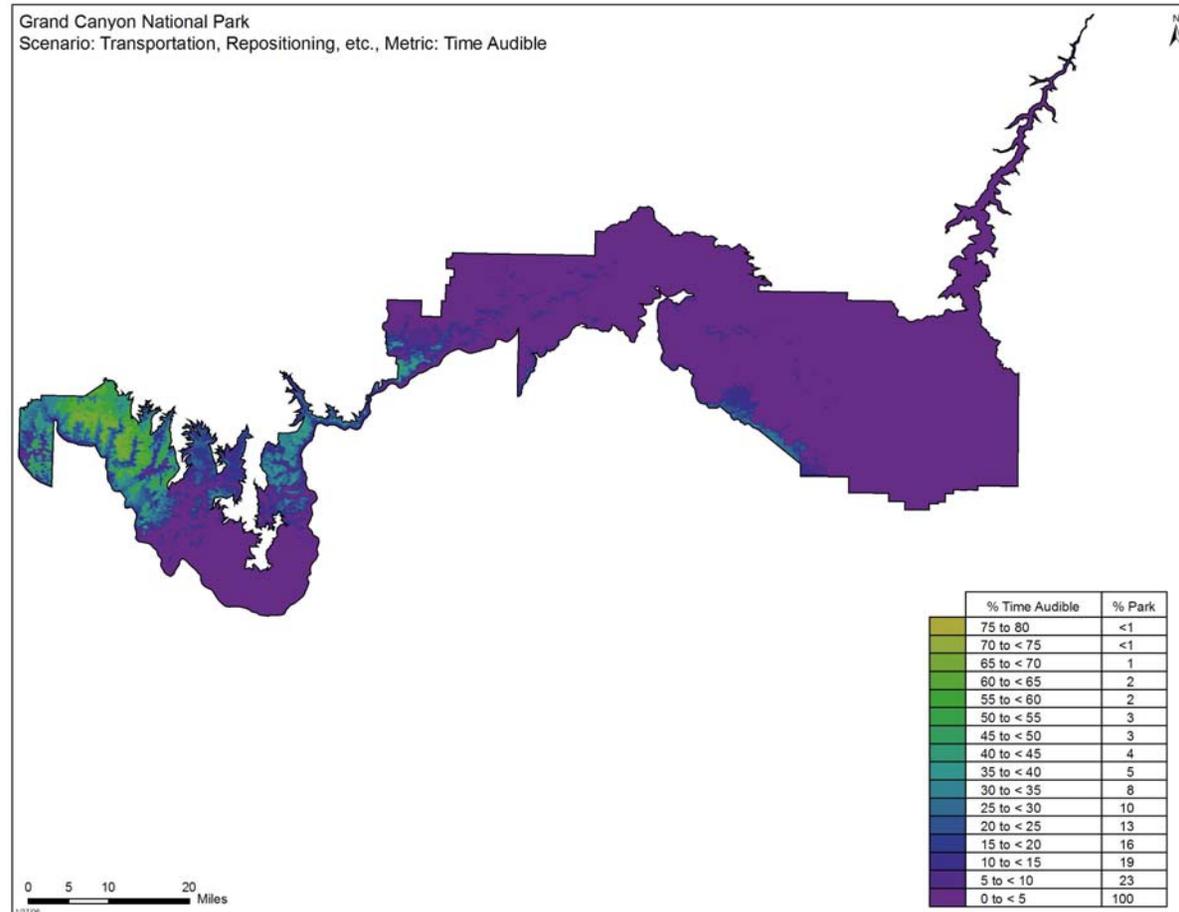
Distribution of Aircraft Sounds Throughout the “Peak Day”



GC West
(25% Time Audible in 7.3% of the park)

Results

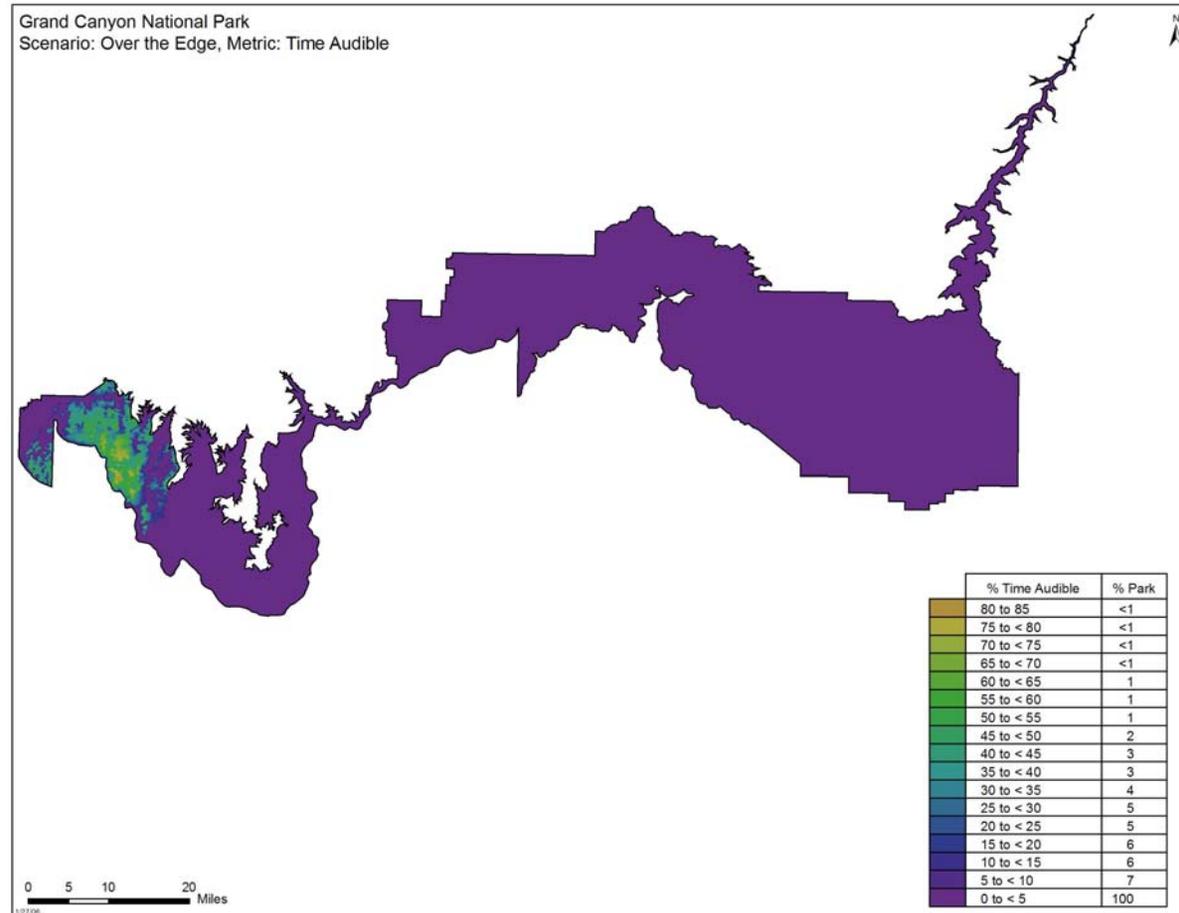
Distribution of Aircraft Sounds Throughout the “Peak Day”



Transportation, Repositioning, etc.
(25% Time Audible in 10.3% of the park)

Results

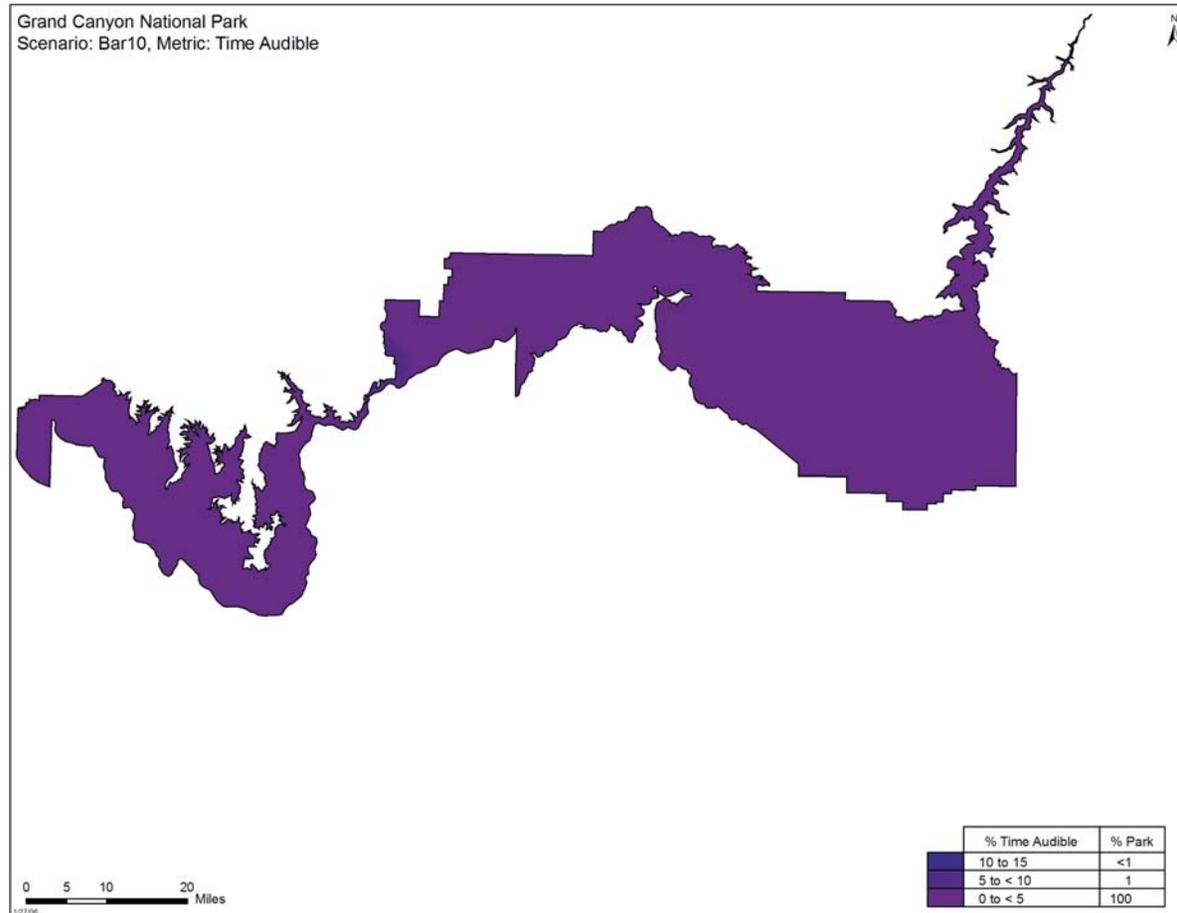
Distribution of Aircraft Sounds Throughout the “Peak Day”



Over the Edge
(25% Time Audible in 4.6% of the park)

Results

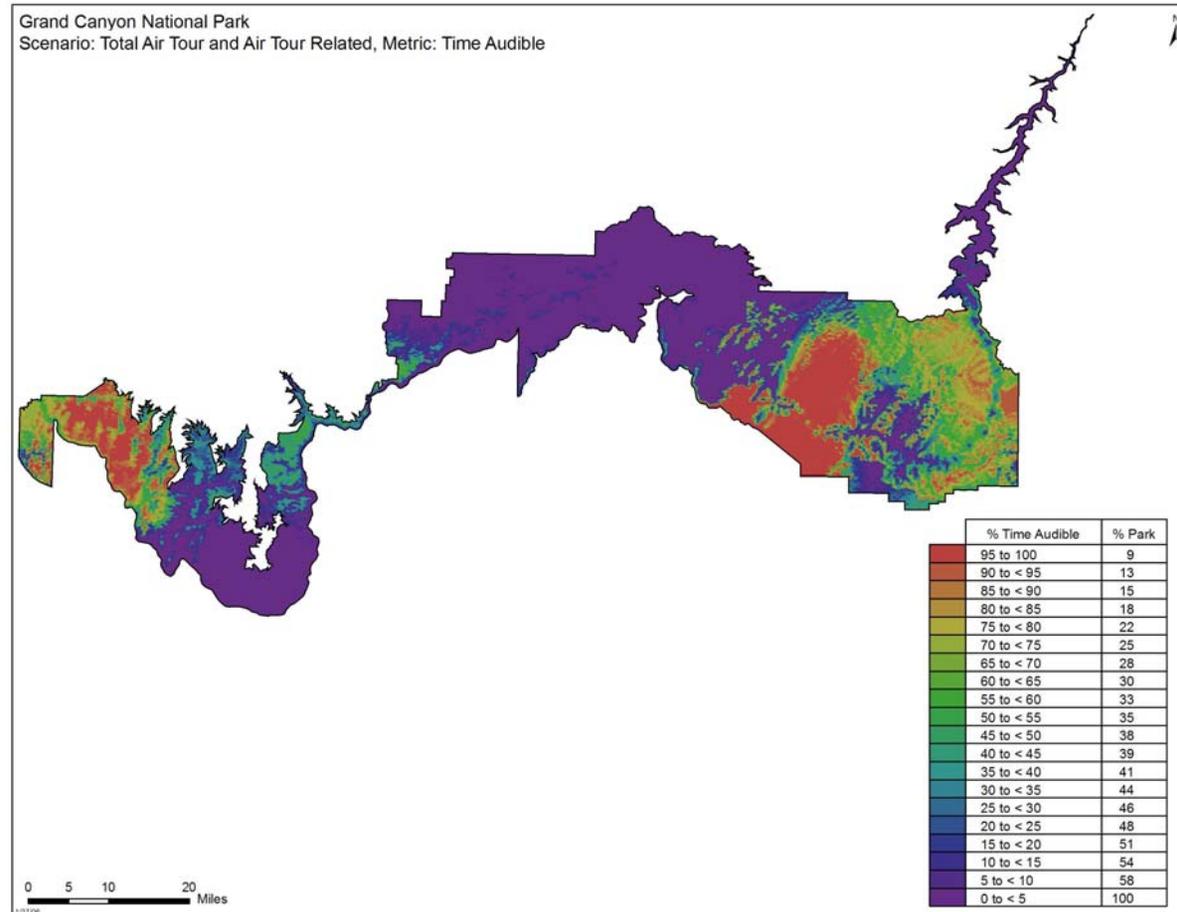
Distribution of Aircraft Sounds Throughout the “Peak Day”



Bar 10
(25% Time Audible in 0.0% of the park)

Results

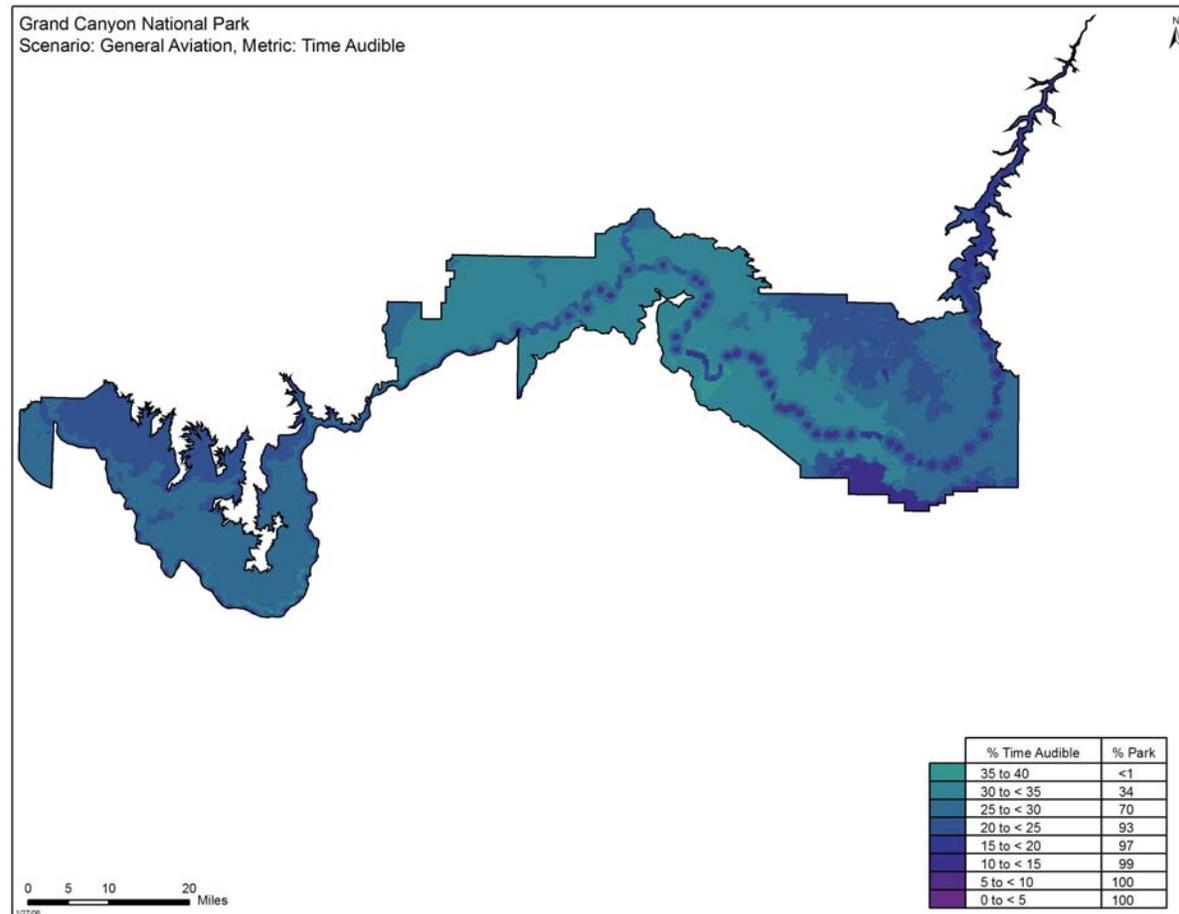
Distribution of Aircraft Sounds Throughout the “Peak Day”



Total Air Tours and Air Tour Related
(25% Time Audible in 46.1% of the park)

Results

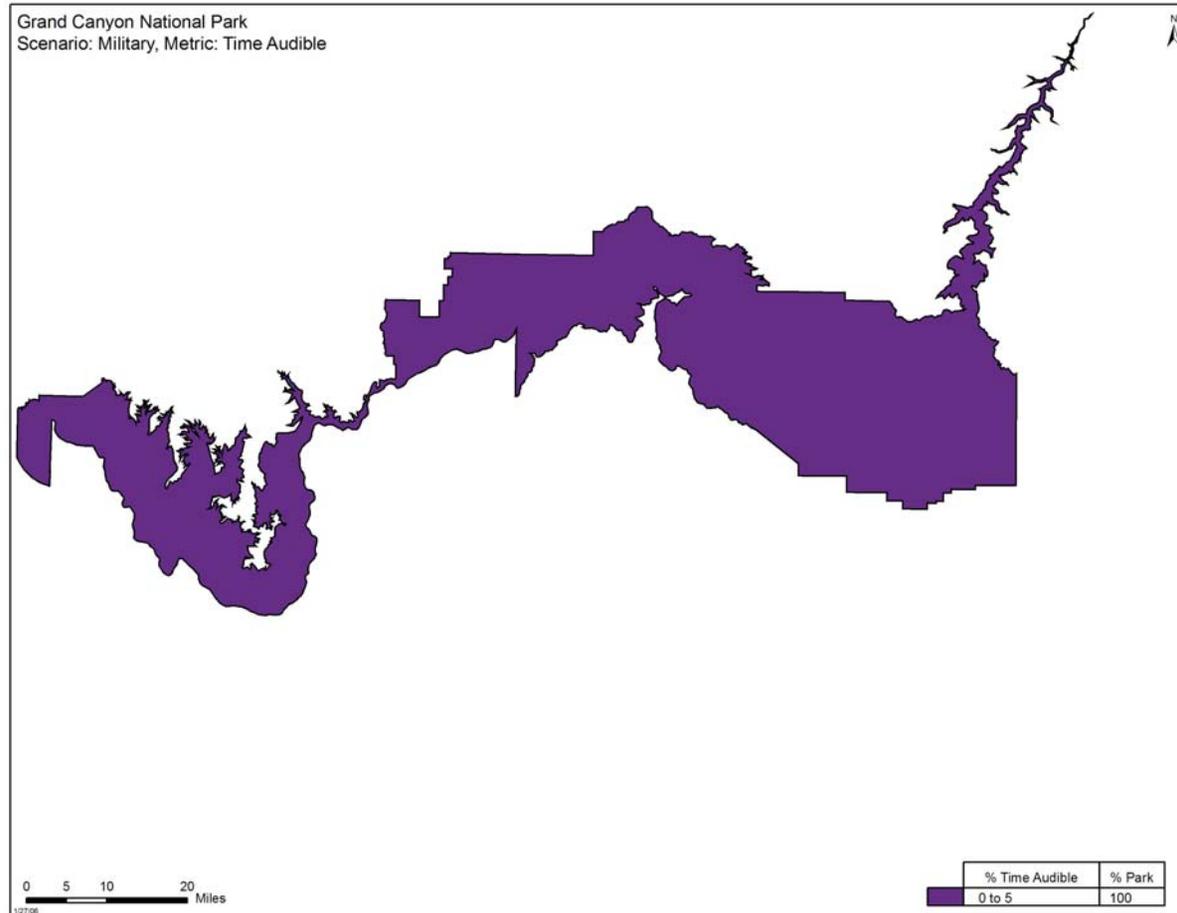
Distribution of Aircraft Sounds Throughout the “Peak Day”



General Aviation
(25% Time Audible in 69.7% of the park)

Results

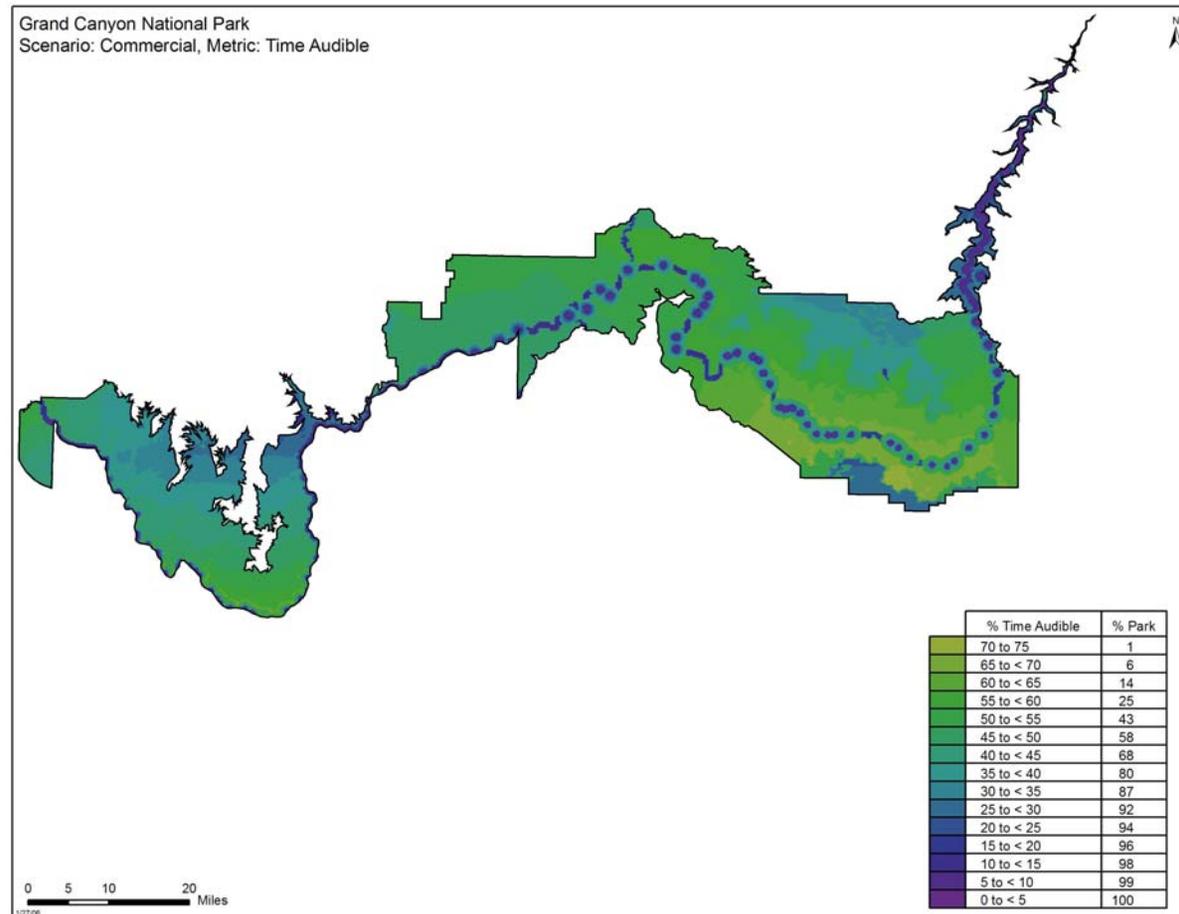
Distribution of Aircraft Sounds Throughout the “Peak Day”



Military
(25% Time Audible in 0.0% of the park)

Results

Distribution of Aircraft Sounds Throughout the “Peak Day”



Commercial
(25% Time Audible in 92.2% of the park)