



# Federal Aviation Administration

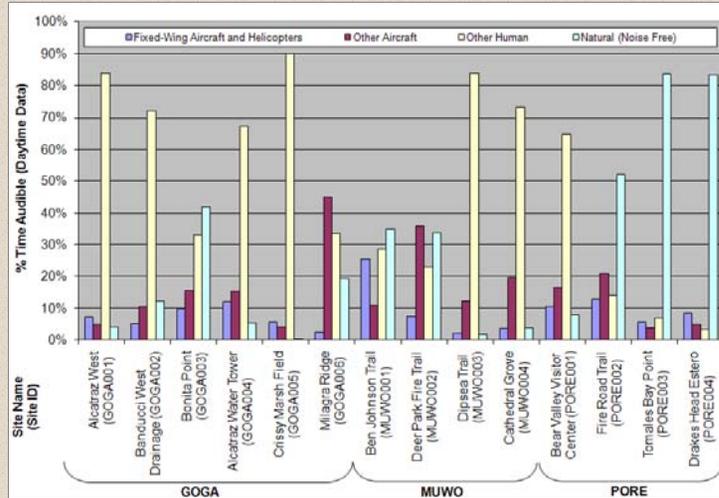
# Golden Gate, Muir Woods, Point Reyes

U.S. Department of the Interior  
National Park Service

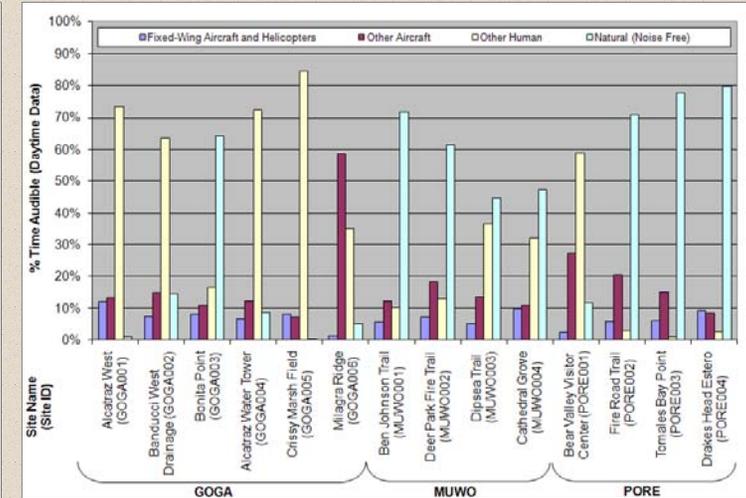


Many different types of sounds may be heard in different areas of the park.

Audibility Results (Summer Daytime)



Audibility Results (Winter Daytime)



Areas of like vegetation, topography, elevation, and climate were grouped into “acoustic zones,” with the assumption that similar wildlife, physical processes, and other sources of natural sounds occur in similar areas with similar attributes. Measurement sites are selected to encompass as many of acoustic zones as possible. (Draft report March 2011)

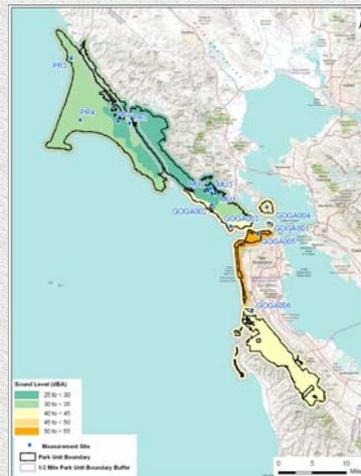
Using the ambient data measured at each site, a comprehensive grid of ambient sound levels throughout the park (i.e., an ambient “map”) is developed. Ambient maps are useful to: (1) graphically characterize the ambient environment throughout an entire study area; and (2) to establish baseline, or background values in computer modeling.



Acoustic Zones and Monitoring Sites



Existing Ambient (Summer Daytime)



Natural Ambient (Summer Daytime)



Existing Ambient (Winter Daytime)



Natural Ambient (Winter Daytime)