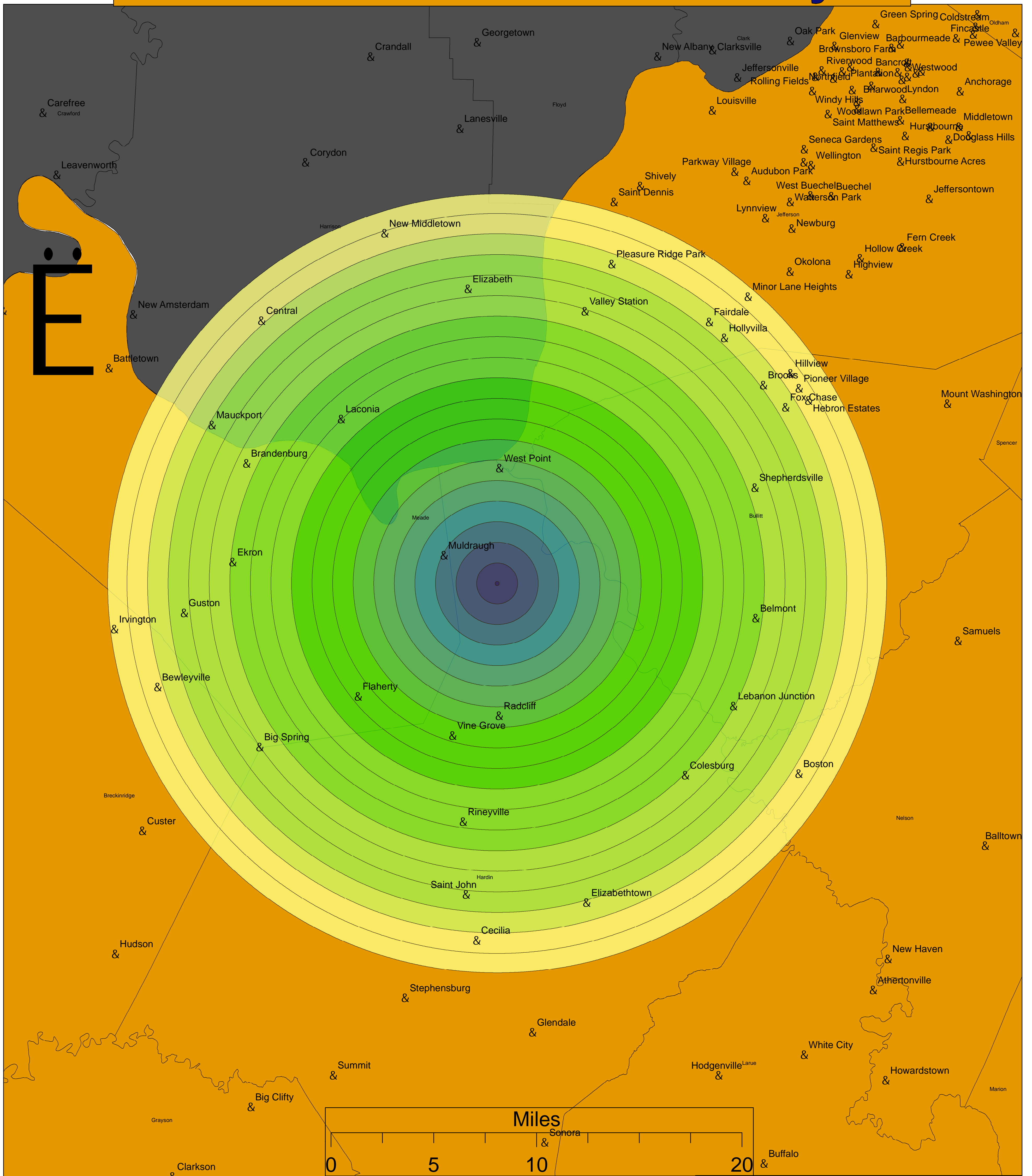


Fort Knox Decibel Level Analysis



Decibels are units of sound which determine the intensity of sound at a specific point. The purpose of this map is to show how intense the sound from gun fire at Fort Knox is at any given point in the surrounding areas. To first understand how intense decibels are; here are a few examples of how they relate to different volume levels.

- 0-Threshold of hearing
- 10-rustle of leaves, a quiet whisper
- 20-average whisper
- 20-50-quiet conversation
- 40-45-hotel, theater between performances
- 50-65-loud conversation
- 65-70-traffic on a busy street
- 65-90-train
- 75-80-factory noise(light/medium work)
- 90-heavy traffic
- 90-100-thunder
- 110-140-jet aircraft at takeoff
- 130-threshold of pain ; machine gun sound
- 140-190-space rocket on takeoff

(Courteous of Encarta Encyclopidia 2005)

Legend

& Cities	54
dB Level	56
	48
	49
	50
	51
	52
	53
	57
	59
	61
	63
	88
	Indiana
	Kentucky

Decibel Level vs. Distance

