

CLT Airport Community Roundtable
Noise Effect Evaluation Approach - Bob Cameron

Occurrences of noise in dB, experienced per average day:

| | <u>comfort</u> | <u>concern</u> | <u>no-go</u> |
|----|----------------|----------------|--------------|
| 1 | 80 | 85 | 90 |
| 5 | 75 | 80 | 85 |
| 10 | 70 | 75 | 80 |
| 20 | 65 | 70 | 75 |
| 40 | 60 | 65 | 73 |
| 50 | 58 | 63 | 70 |
| 75 | 55 | 60 | 68 |
| 90 | 50 | 55 | 65 |

Reference points:

| | |
|-----|-------------------------------|
| 120 | Threshold of pain |
| 110 | Rock music concert |
| 100 | Blow dryer, motorcycle |
| 90 | diesel truck, power tools |
| 80 | busy street, alarm clocks |
| 70 | busy traffic, vacuum cleaner |
| 60 | normal conversation at 3 feet |
| 50 | quiet street, office |
| 40 | quiet library, park |
| 30 | whisper, quiet room |

