Typical Environmental Noises Sound Levels and Human Responses

	190 dBA	⊢	Heavy weapons 10 meters behind the weapon
	180 dBA	H	Toy pistol fired close to ear
	170 dBA	F	Slap on the ear Fire cracker explodes on shoulder
	160 dBA	H	Hammer stroke on brass or steel from 1 meter
	150 dBA		
Physically Painful ———	140 dBA	\vdash	Sonic boom
	130 dBA	H	Loud hand clapping at 1 meter
Discomforting ———	120 dBA	H	Whistle at 1 meter Test run of a jet at 15 meters
Maximum Vocal Effort ————	115 dBA	\vdash	Possible hearing damage in short time period Take-off sound of planes at 10 meters
Very Annoying Hearing ———	110 dBA	\vdash	Siren at 10 meters Frequent sound level in dance clubs
	105 dBA	⊦	Chain saw at 1 meter Racing car at 40 meters
Very Loud ———	100 dBA	H	Frequent level with music via head phones Jack hammer at 10 meters
	95 dBA	H	Loud crying Hand circular saw at 1 meter
	90 dBA	Н	Angle grinder outside at 1 meter
	85 dBA	\vdash	Possible hearing damage if sustained for 40 hrs a week 2-stroke chain-saw at 10 meters
	80 dBA	\vdash	Freight Train at 15 meters High traffic on an expressway at 25 meters
	75 dBA	H	Passing car at 7.5 meters Un-silenced wood shredder at 10 meters
Telephone Use Difficult ———	70 dBA	H	Level close to a main road by day Quiet hair dryer at 1 meter
	65 dBA	Н	Bad risk of heart circulation disease at constant impact
Intrusive ———	60 dBA	H	Noisy lawn mower at 10 meters
	55 dBA	\vdash	Low volume of radio or TV at 1 meter Noisy vacuum cleaner at 10 meters
Quiet ———	50 dBA	H	Refrigerator at 1 meter Bird twitter outside at 15 meters
	45 dBA	Н	Noise of normal living
	40 dBA	H	Possible distraction when learning or concentrating
	35 dBA	H	Very quiet room fan at low speed at 1 meter
Very Quiet ———	30 dBA	\vdash	Soft whisper at 4.5 meters
	25 dBA	\vdash	Sound of breathing at 1 meter
Just Audible ———	10 dBA	\vdash	Leaves rustling
	5 dBA		
Threshold of Hearing ———	0 dBA	1	